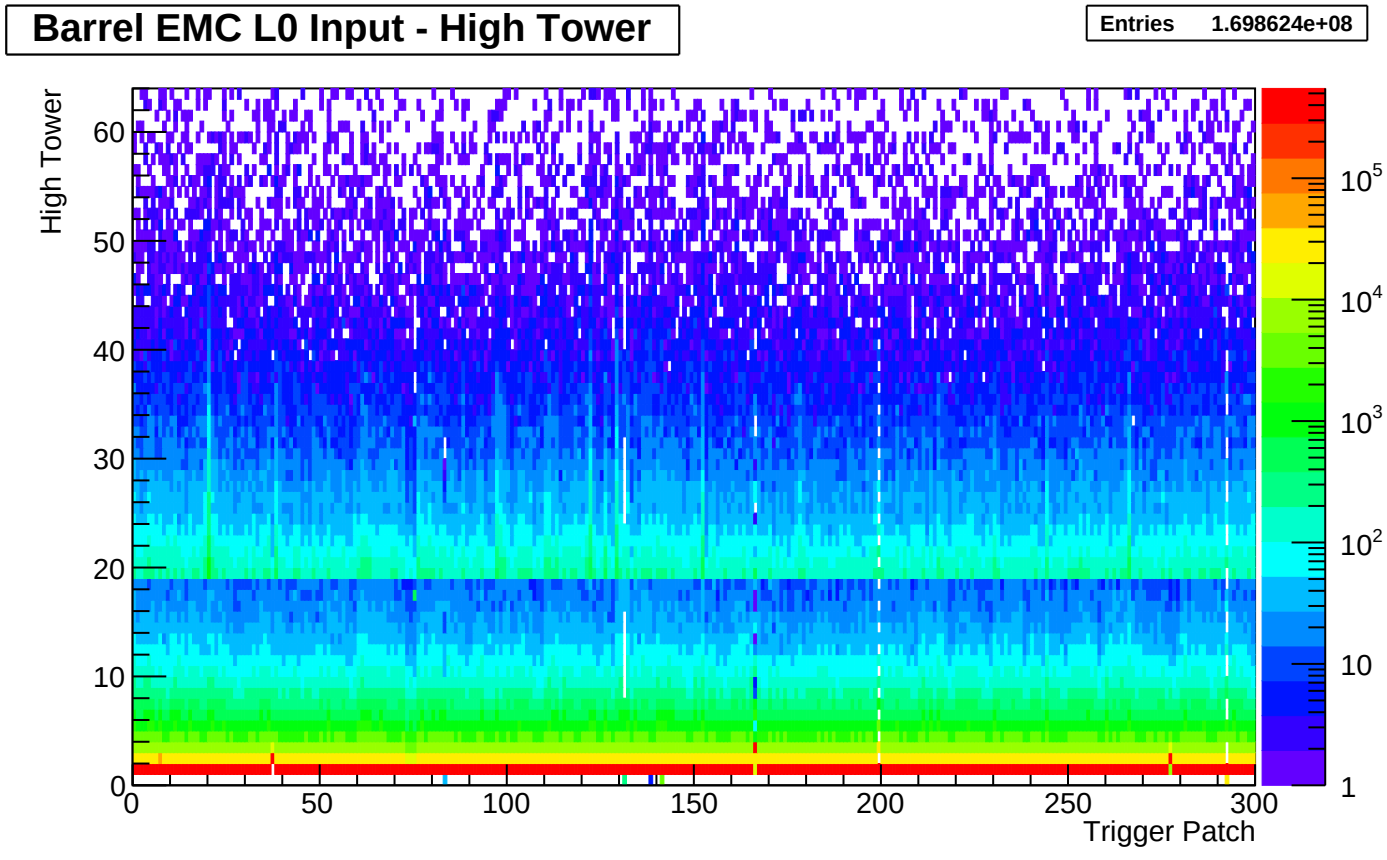
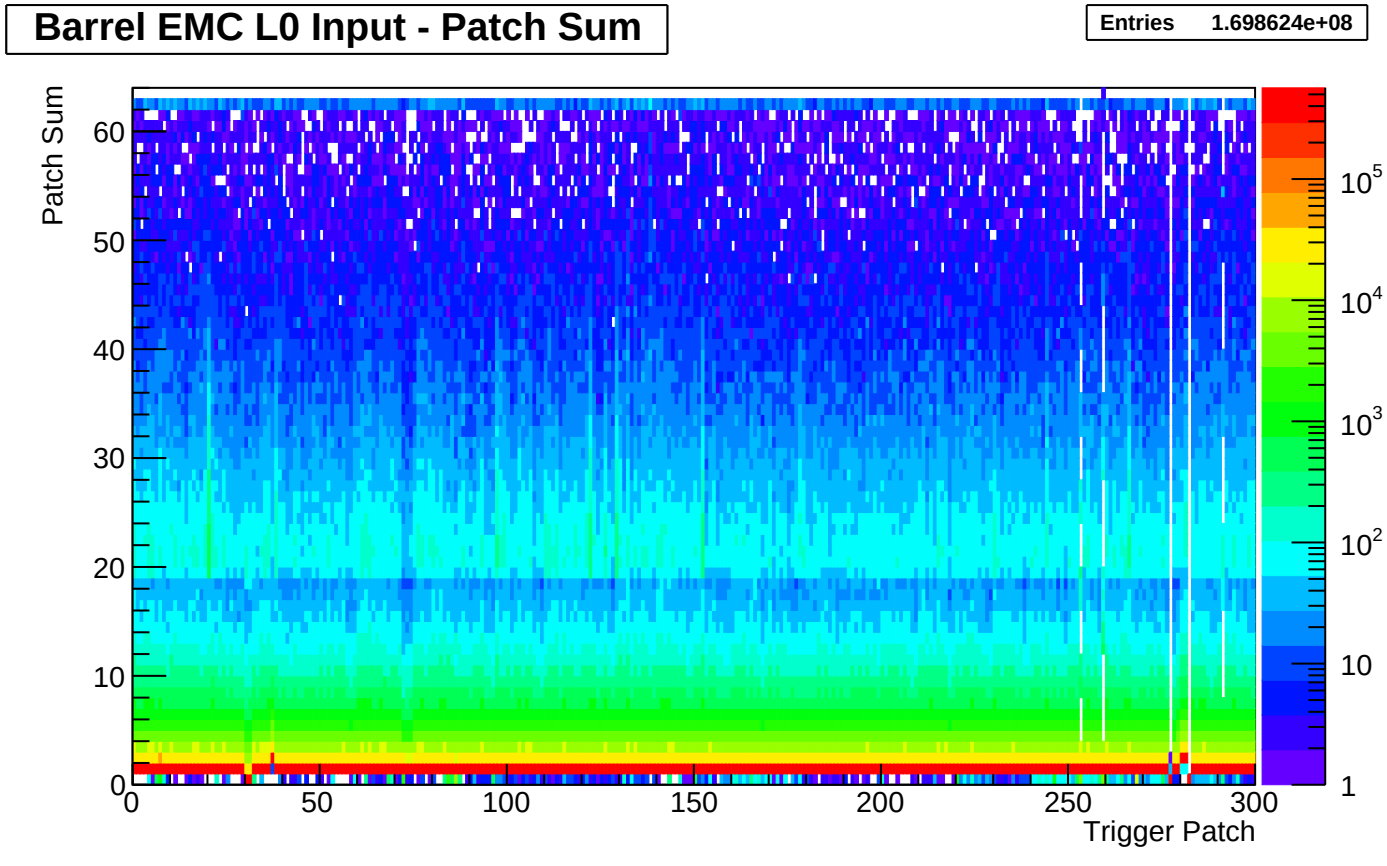
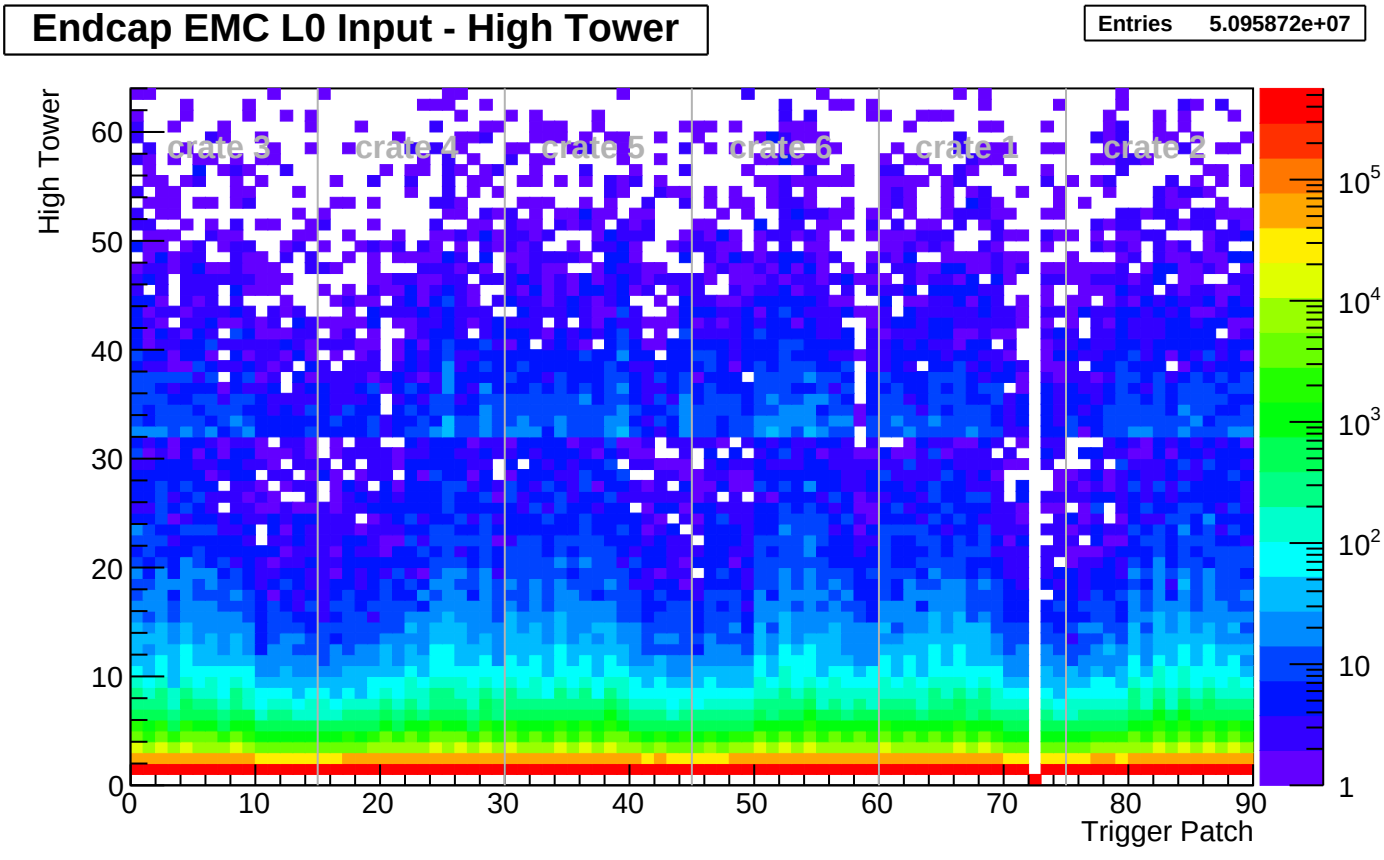
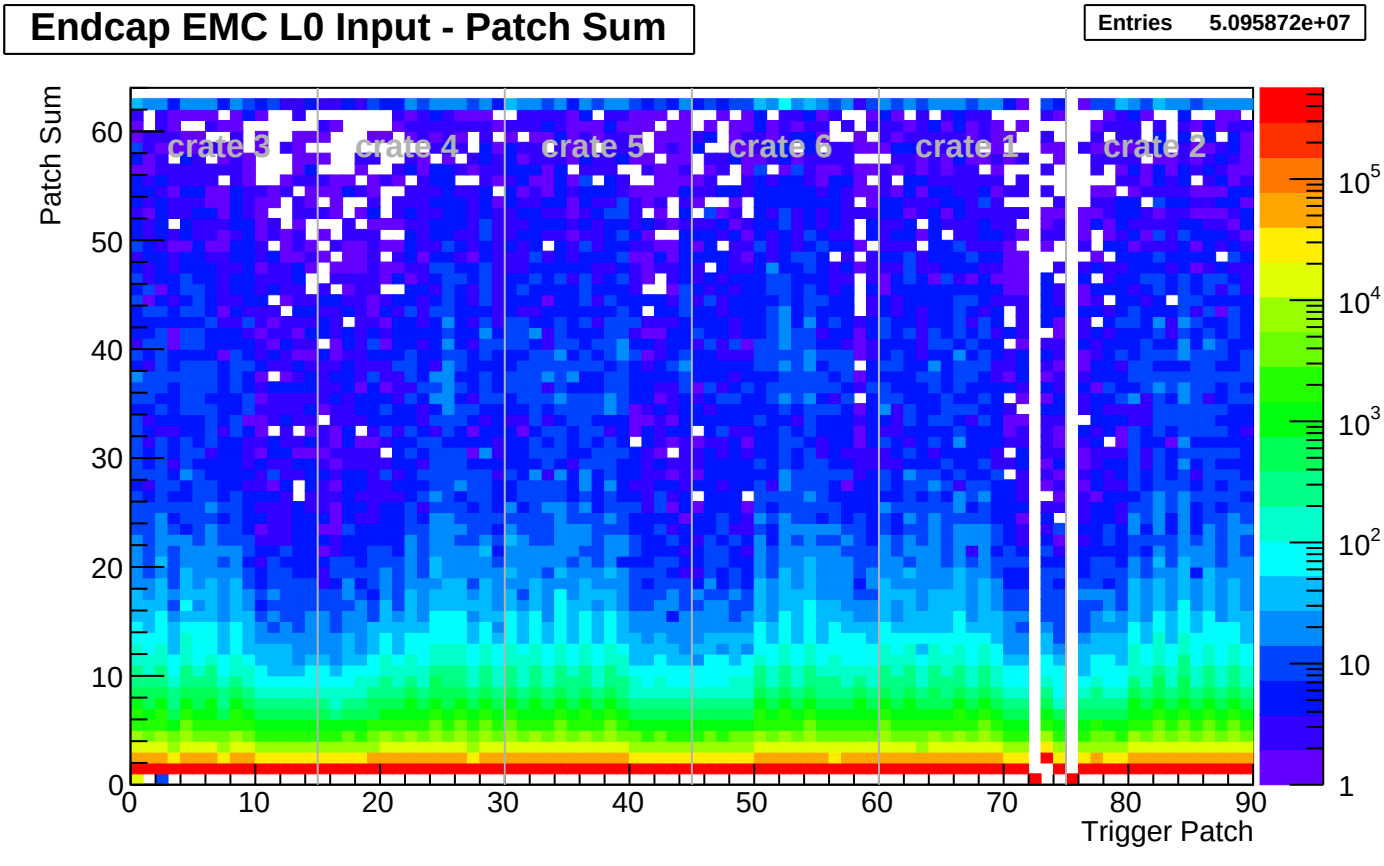
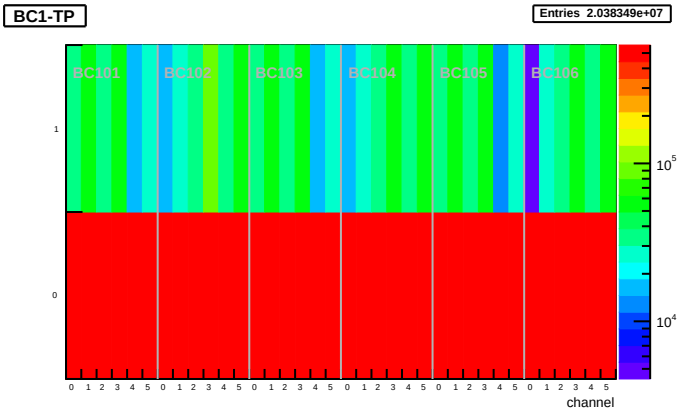
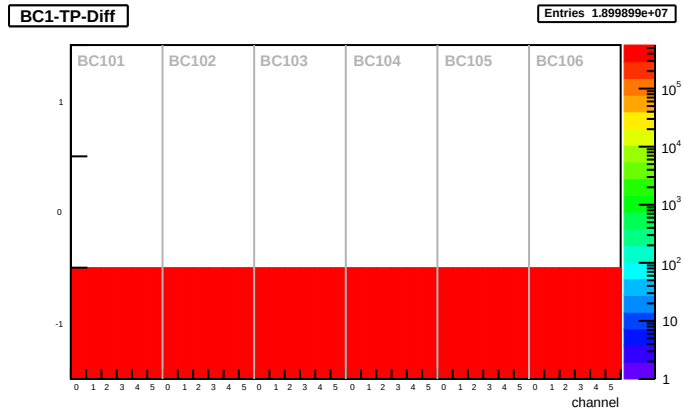

Barrel EMC L0 Input - High Tower
Entries 1.698624e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

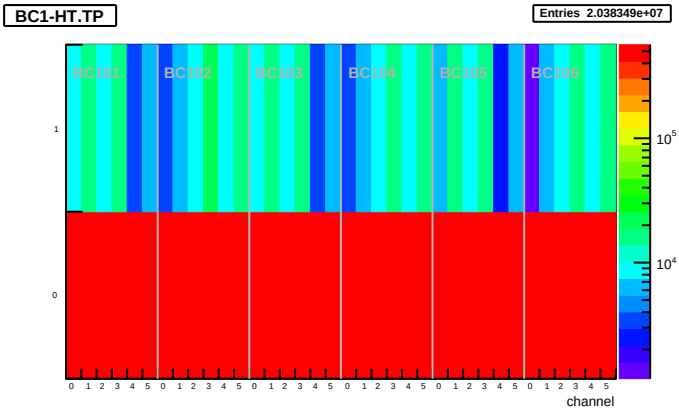

Barrel EMC L0 Input - Patch Sum
Entries 1.698624e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

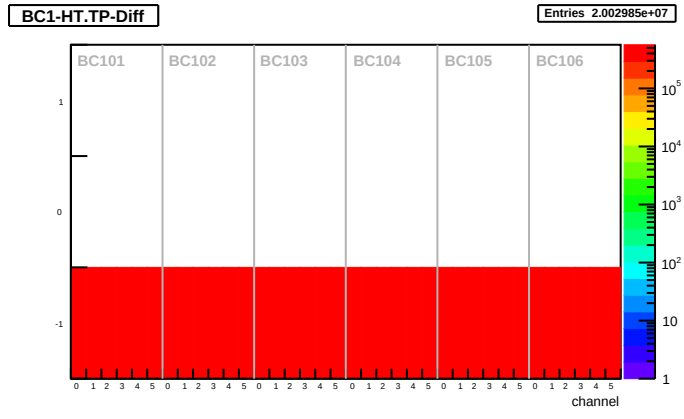

Endcap EMC L0 Input - High Tower
Entries 5.095872e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

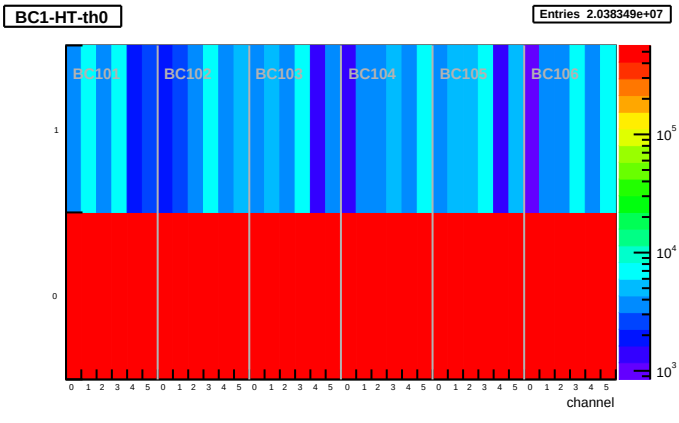

Endcap EMC L0 Input - Patch Sum
Entries 5.095872e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

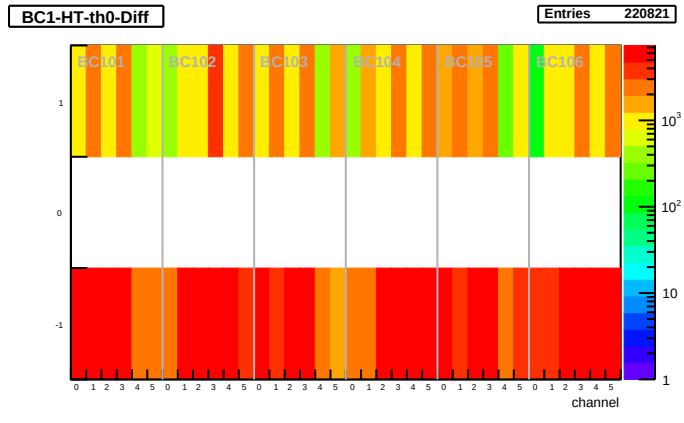

BC1-TP
Entries 2.038349e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

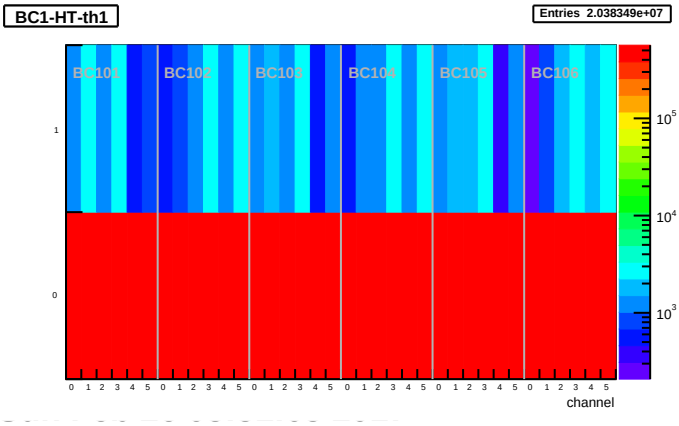

BC1-TP-Diff
Entries 1.899899e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

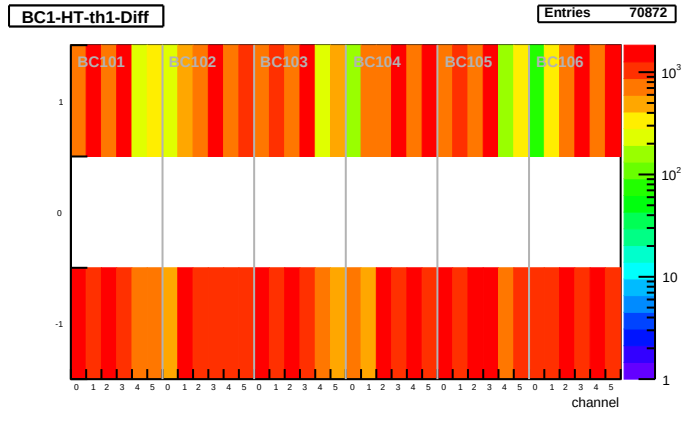

BC1-HT.TP
Entries 2.038349e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

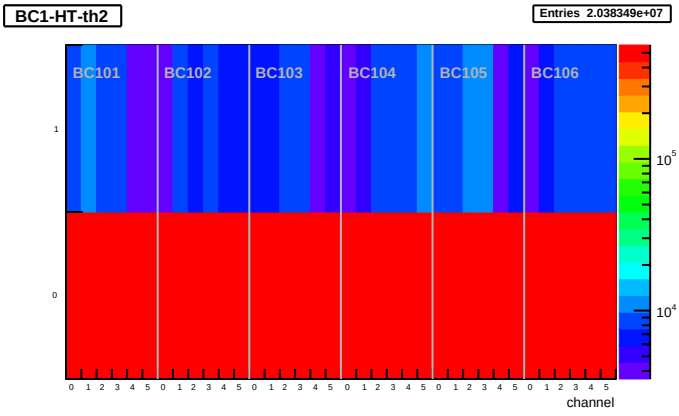

BC1-HT.TP-Diff
Entries 2.002985e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

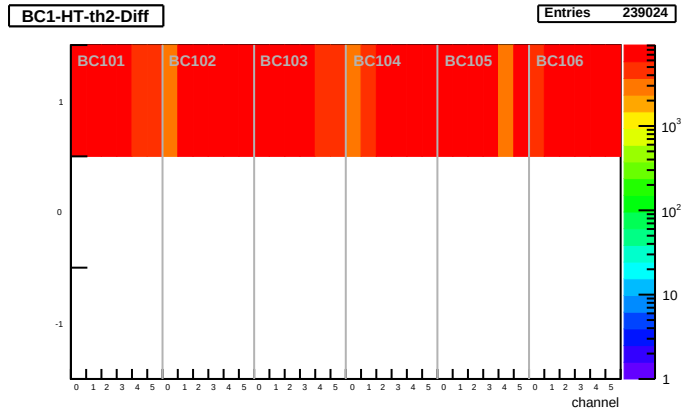

BC1-HT-th0
Entries 2.038349e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

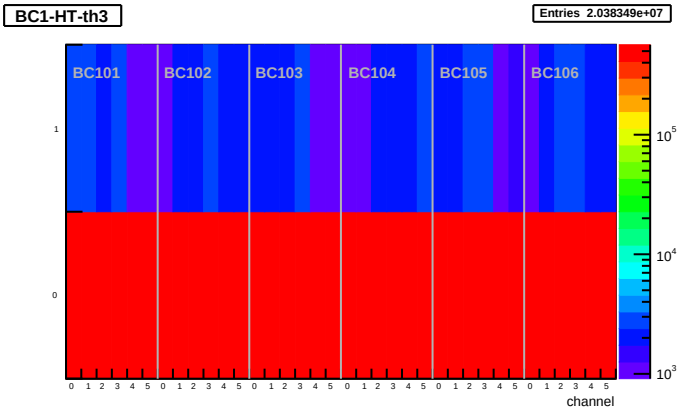

BC1-HT-th0-Diff
Entries 220821
BC101
BC102
BC103
BC104
BC105
BC106
channel

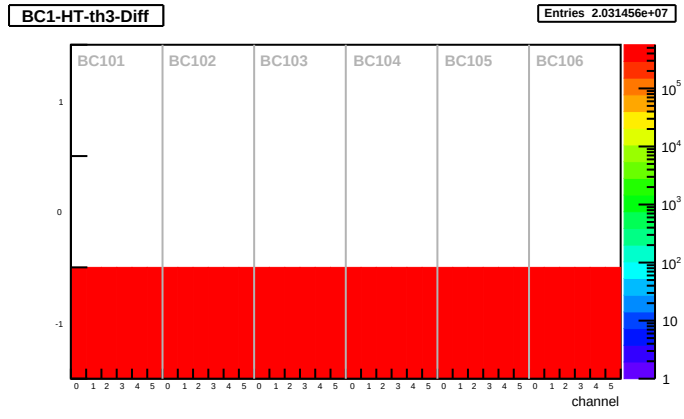

BC1-HT-th1
Entries 2.038349e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

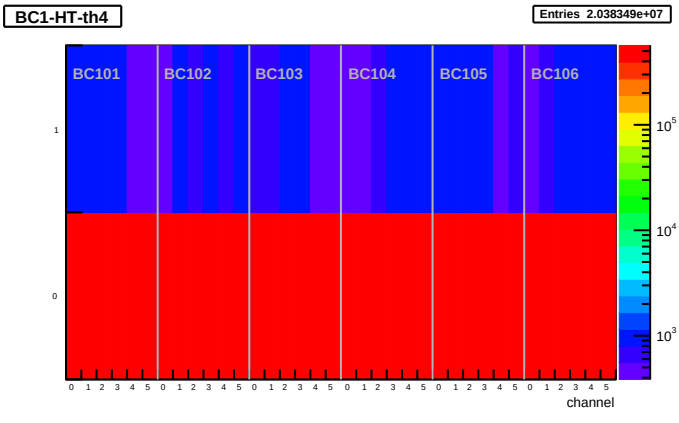

BC1-HT-th1-Diff
Entries 70872
BC101
BC102
BC103
BC104
BC105
BC106
channel

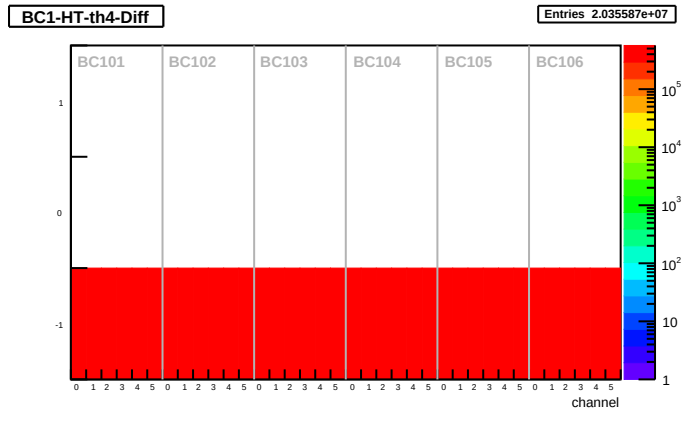

BC1-HT-th2
Entries 2.038349e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

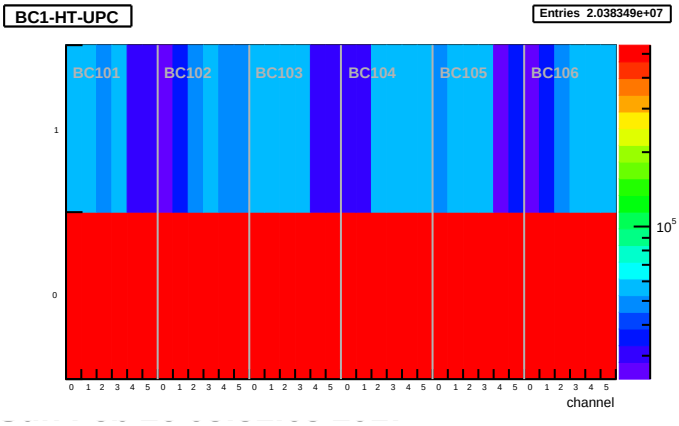

BC1-HT-th2-Diff
Entries 239024
BC101
BC102
BC103
BC104
BC105
BC106
channel

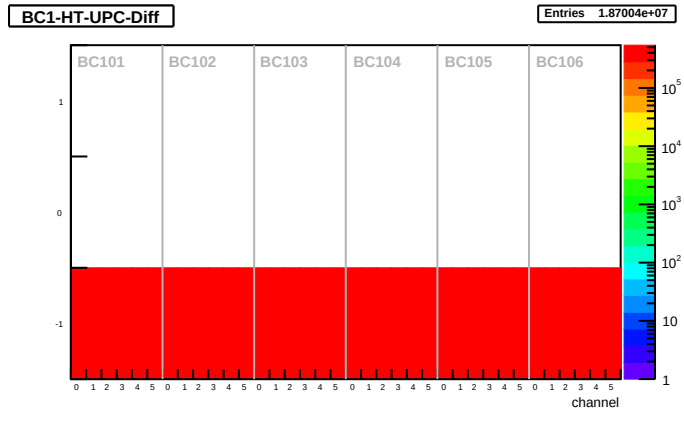

BC1-HT-th3
Entries 2.038349e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

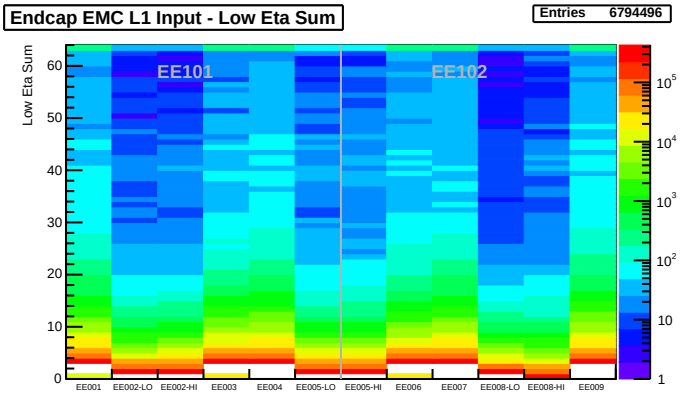

BC1-HT-th3-Diff
Entries 2.031456e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

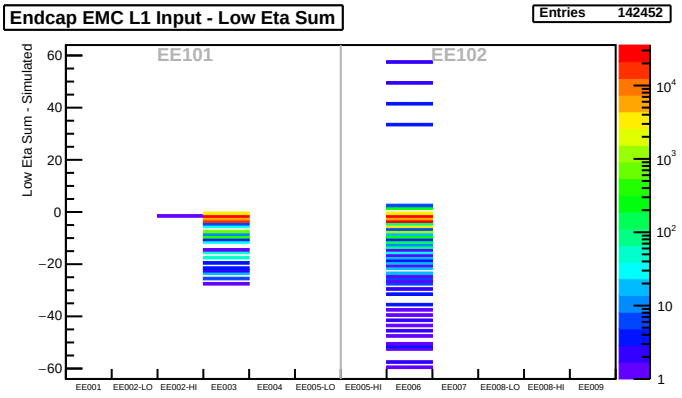

BC1-HT-th4
Entries 2.038349e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

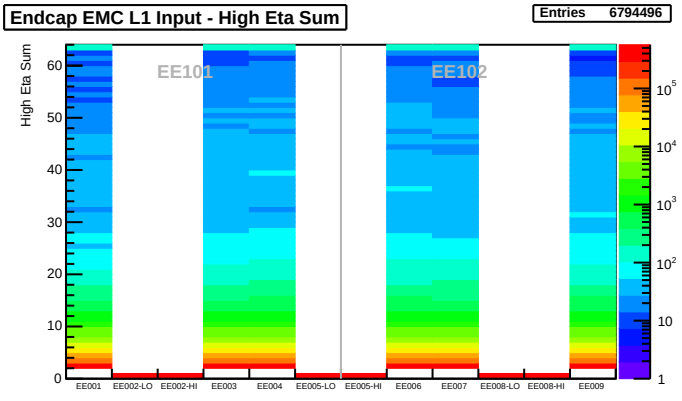

BC1-HT-th4-Diff
Entries 2.035587e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

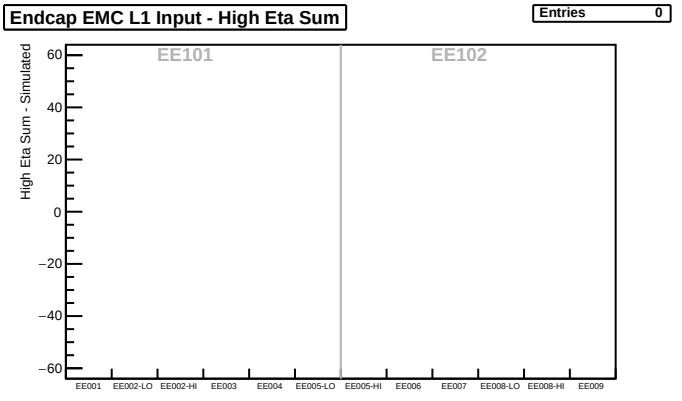

BC1-HT-UPC
Entries 2.038349e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

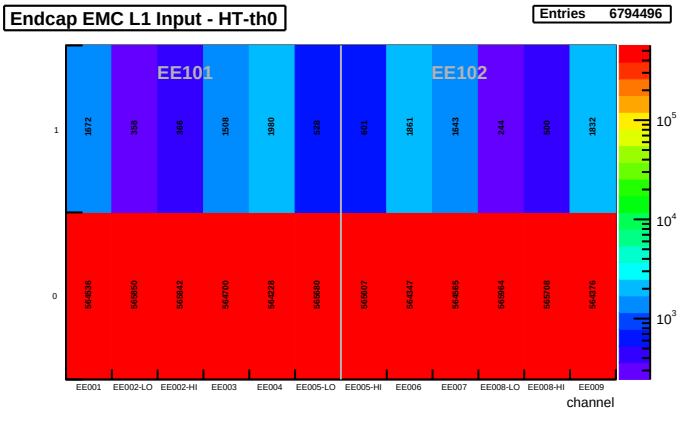

BC1-HT-UPC-Diff
Entries 1.87004e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

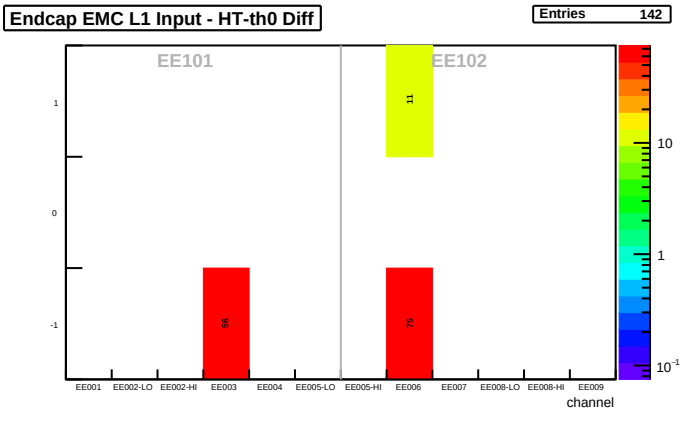

Endcap EMC L1 Input - Low Eta Sum
Entries 6794496
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

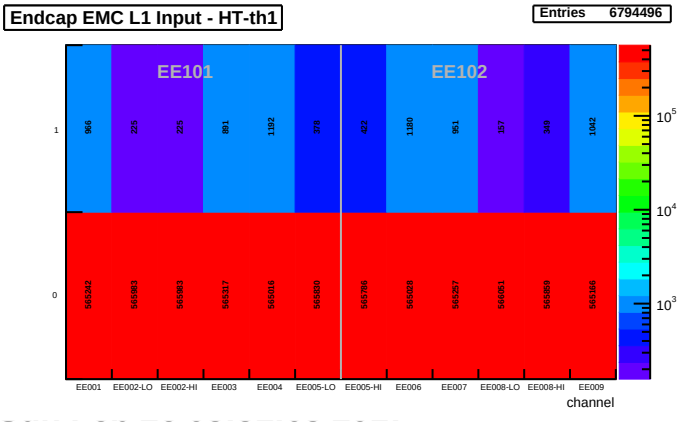

Endcap EMC L1 Input - Low Eta Sum
Entries 142452
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

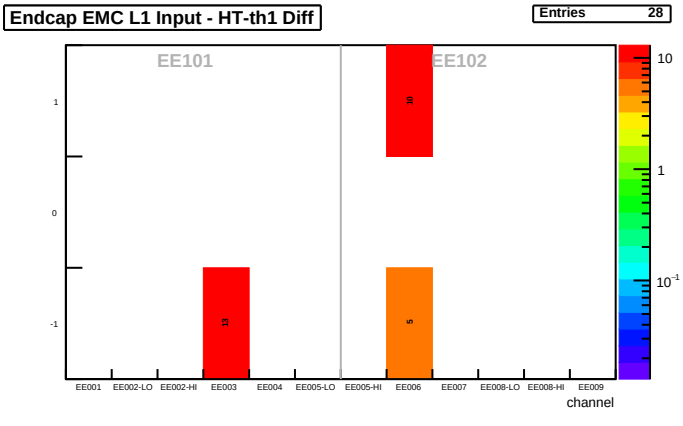

Endcap EMC L1 Input - High Eta Sum
Entries 6794496
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

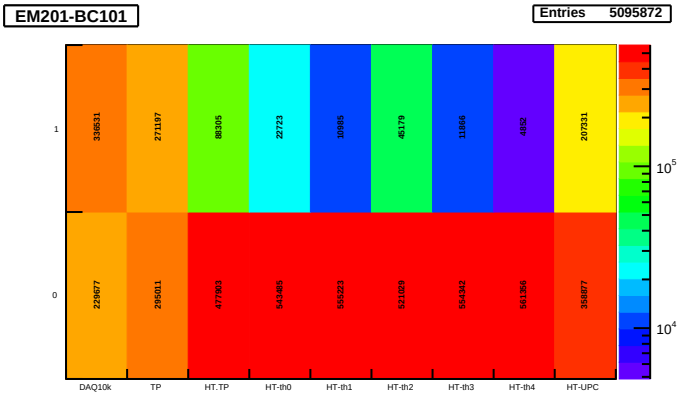

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

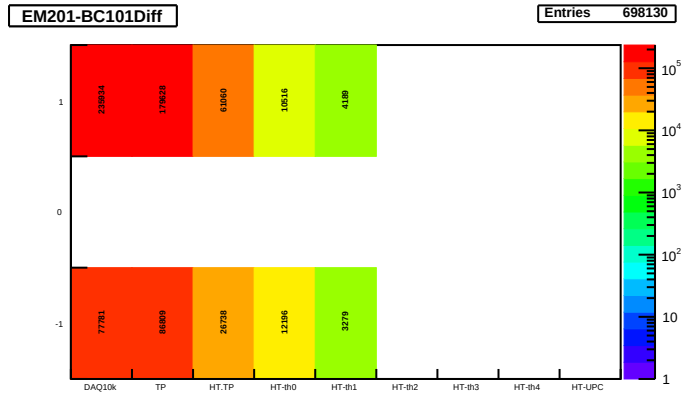

Endcap EMC L1 Input - HT-th0
Entries 6794496
EE101
EE102
1672 358 366 1508 1980 528 601 1861 1643 244 500 1832
564536 563350 565842 564700 564228 565680 563607 564347 564665 563964 565708 564376
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

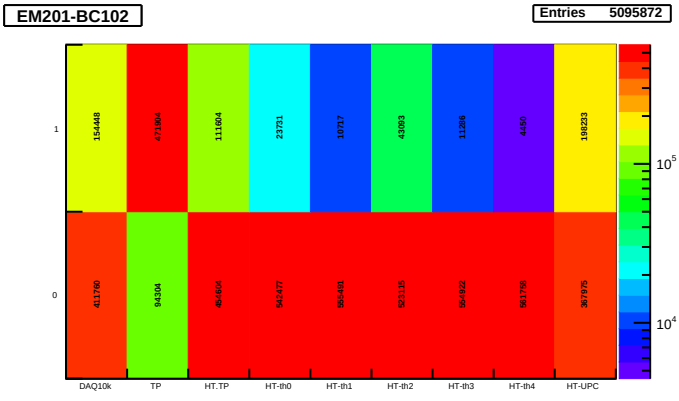

Endcap EMC L1 Input - HT-th0 Diff
Entries 142
EE101
EE102
11
56
75
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

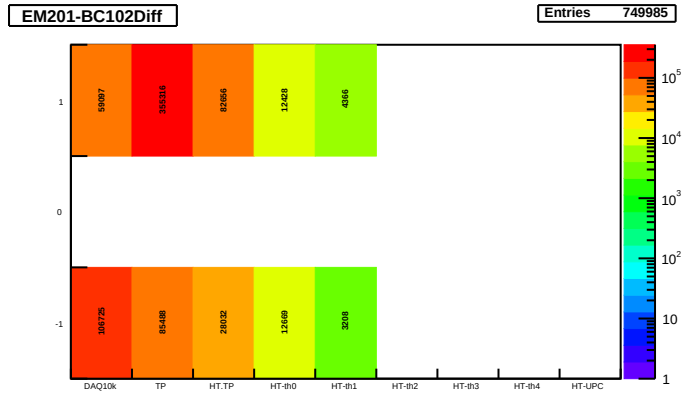

Endcap EMC L1 Input - HT-th1
Entries 6794496
EE101
EE102
866 225 235 891 1192 376 422 1180 951 357 349 1042
565242 565983 565983 565317 565616 565810 565786 565628 565257 566651 565959 565166
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

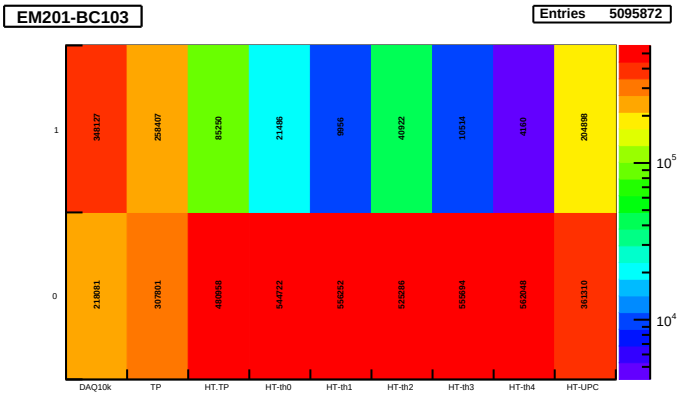

Endcap EMC L1 Input - HT-th1 Diff
Entries 28
EE101
EE102
10
13
5
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

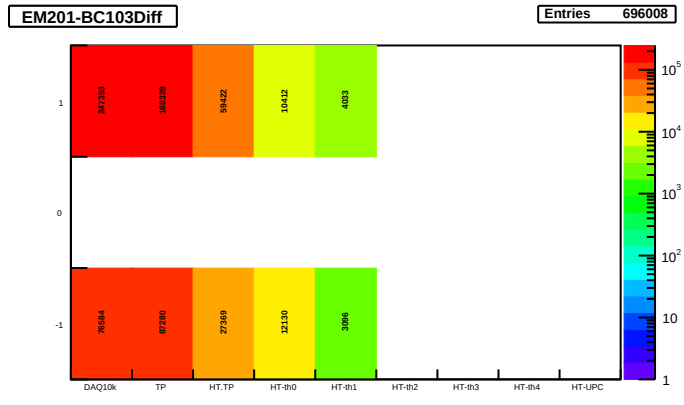

EM201-BC101
Entries 5095872
1
0
338531
271197
88305
22723
10985
45179
11866
4952
207331
229677
295011
477903
543485
555223
521029
554342
561356
358877
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

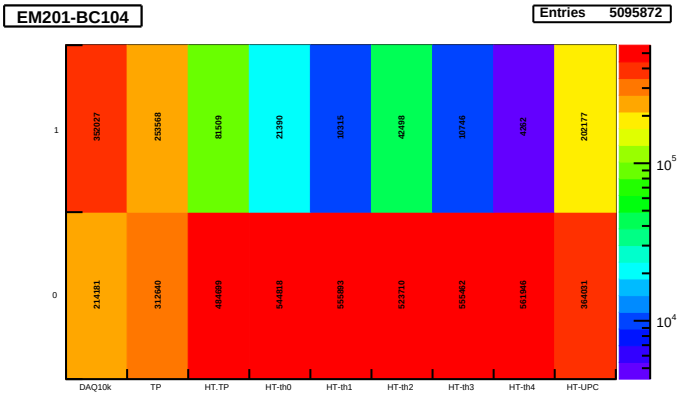

EM201-BC101Diff
Entries 698130
1
0
-1
235934
179528
61060
10516
4189
77761
86809
26738
12396
3279
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

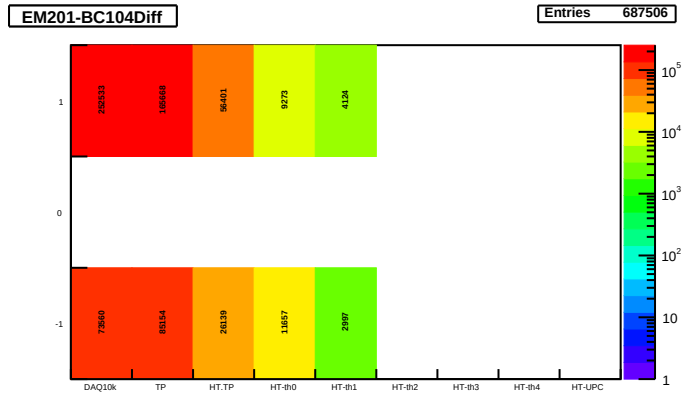

EM201-BC102
Entries 5095872
1
0
154448
471904
111604
23731
10717
43093
11286
4450
198233
411760
94304
454604
542477
555401
523135
554922
561758
367975
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 749985
1
0
-1
59097
355316
82656
12428
4066
106725
85488
28032
12669
3208
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC103
Entries 5095872
1
0
348127
258407
85250
21486
9956
40922
10534
4160
204898
218081
307801
489358
544722
556252
522286
555694
563048
363310
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

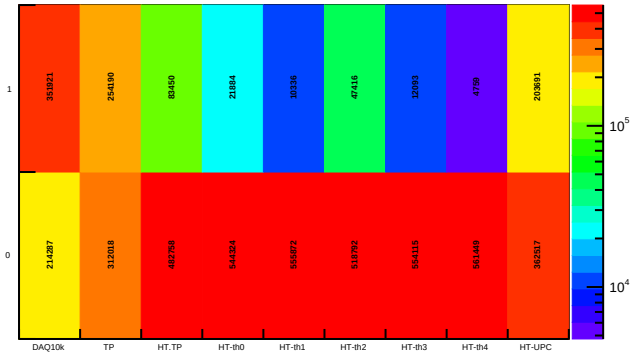

EM201-BC103Diff
Entries 696008
1
0
-1
247333
168339
59422
10412
4033
76584
87280
27369
12110
3096
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC104
Entries 5095872
1
0
352027
253568
81509
21390
10315
42498
10746
4262
202177
214181
312640
484699
544818
556803
523710
555482
561946
364021
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 687506
1
0
-1
252533
166468
56401
9273
4124
73550
85154
26139
11657
2997
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

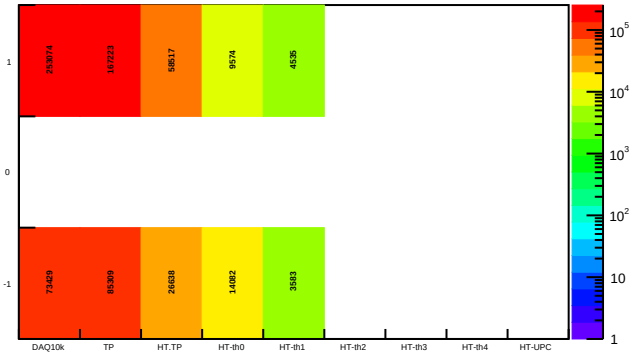
EM201-BC105

Entries 5095872



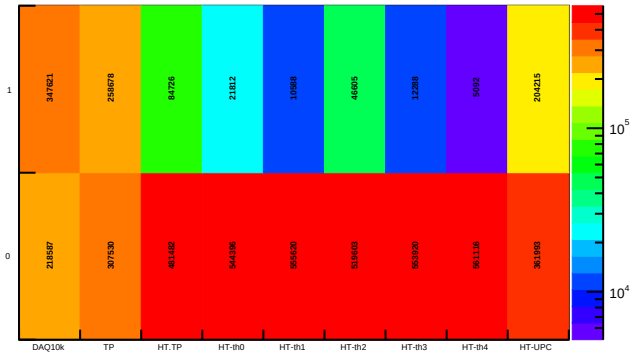
EM201-BC105Diff

Entries 695964



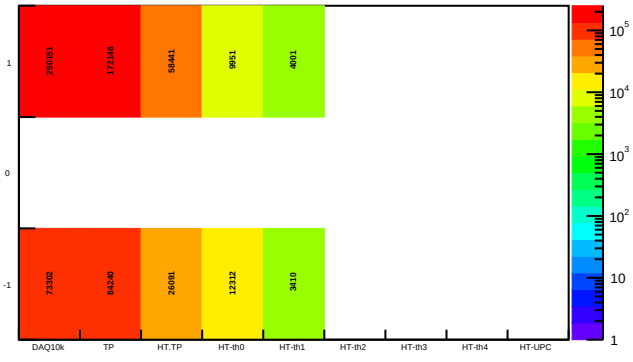
EM201-BC106

Entries 5095872



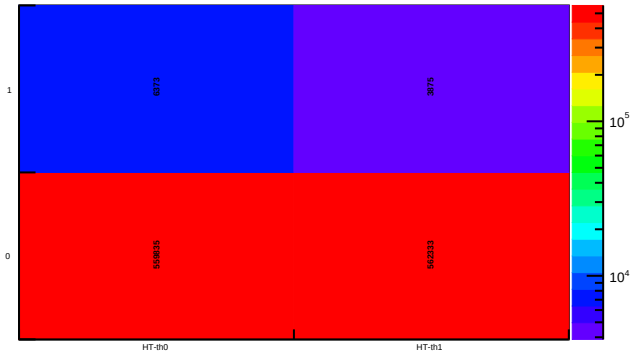
EM201-BC106Diff

Entries 694045



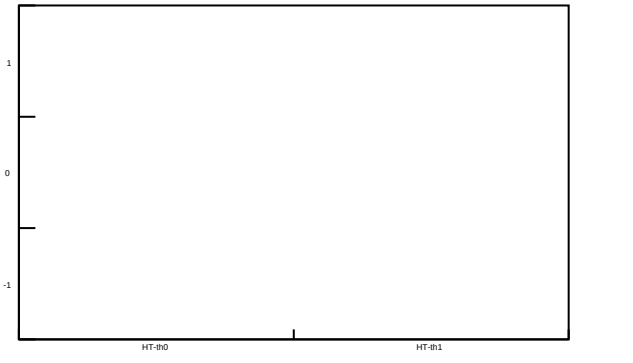
EM201-EE101

Entries 1132416



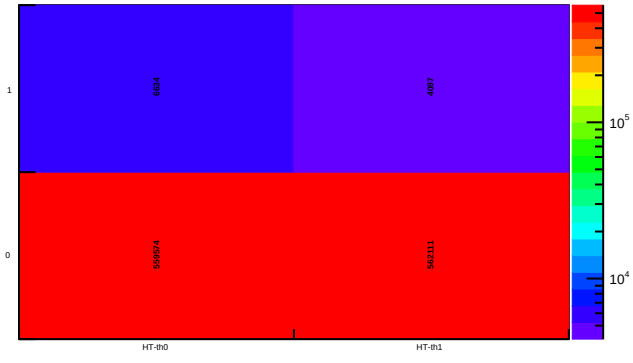
EM201-EE101Diff

Entries 0



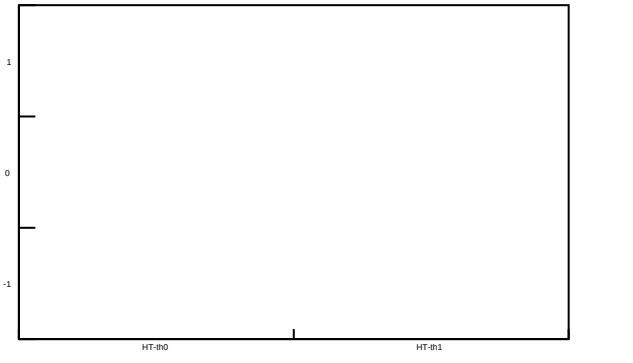
EM201-EE102

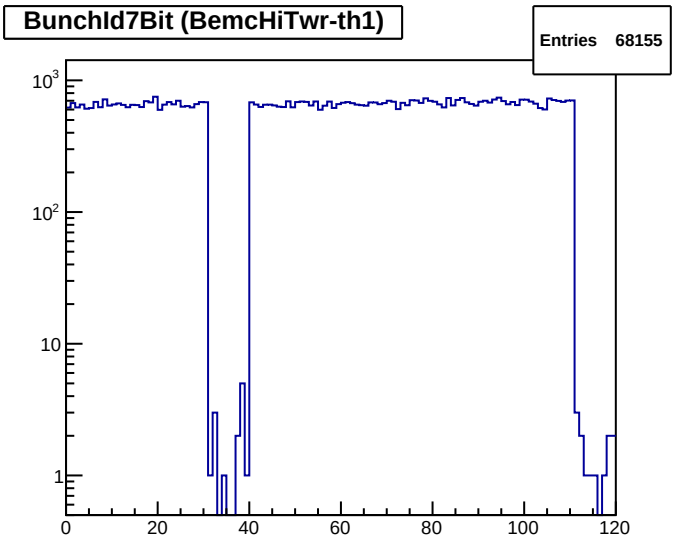
Entries 1132416

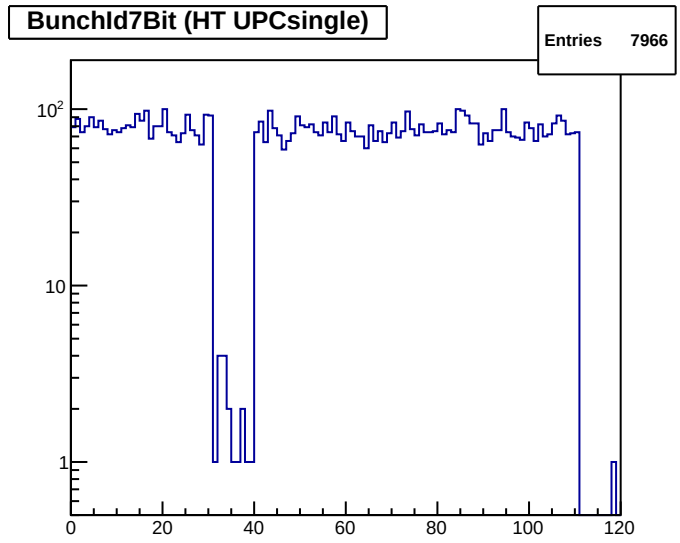


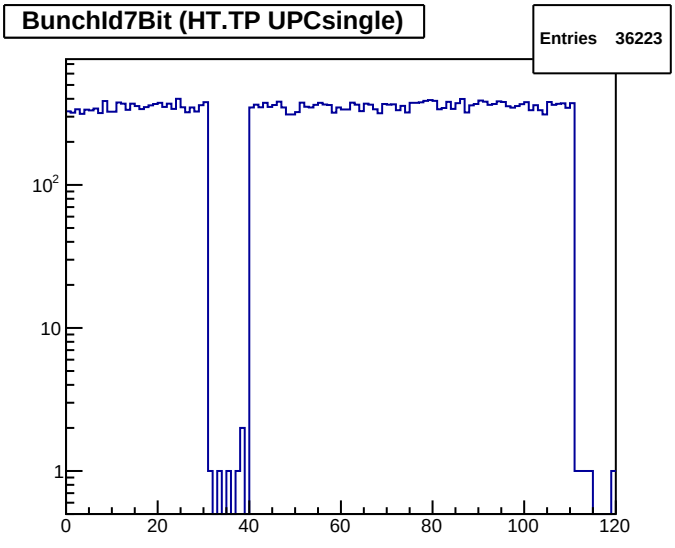
EM201-EE102Diff

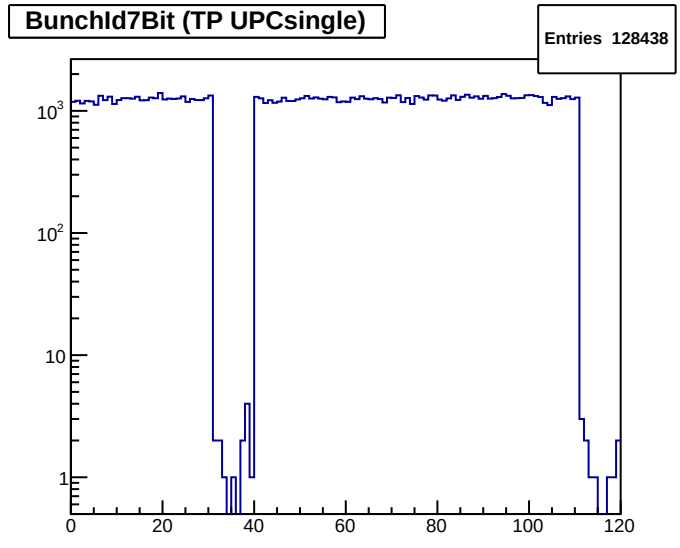
Entries 0

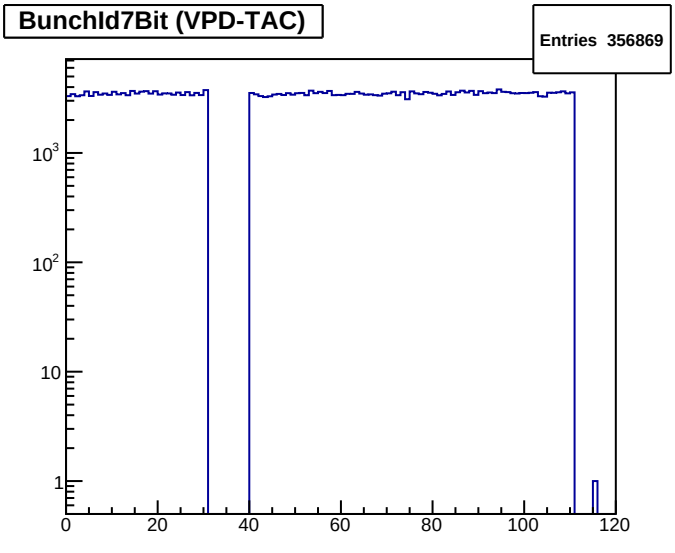


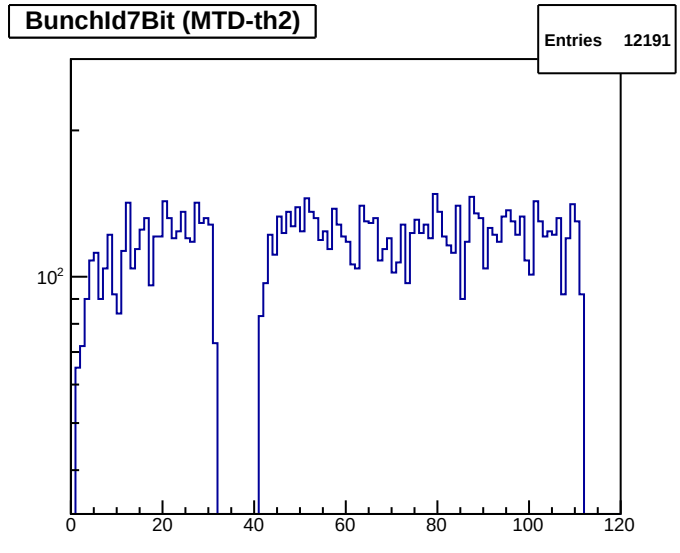

BunchId7Bit (BemcHiTwr-th1)
Entries 68155
10^3
10^2
10
1
0
20
40
60
80
100
120

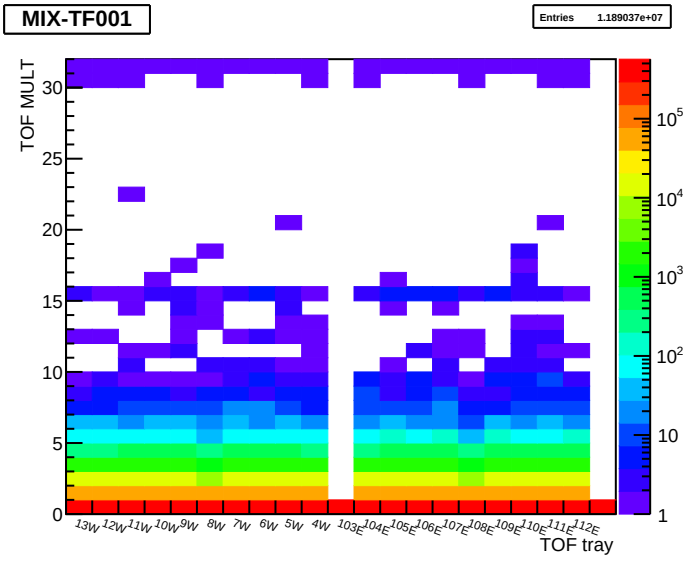

BunchId7Bit (HT UPCsingle)
Entries 7966
10^2
10
1
0
20
40
60
80
100
120

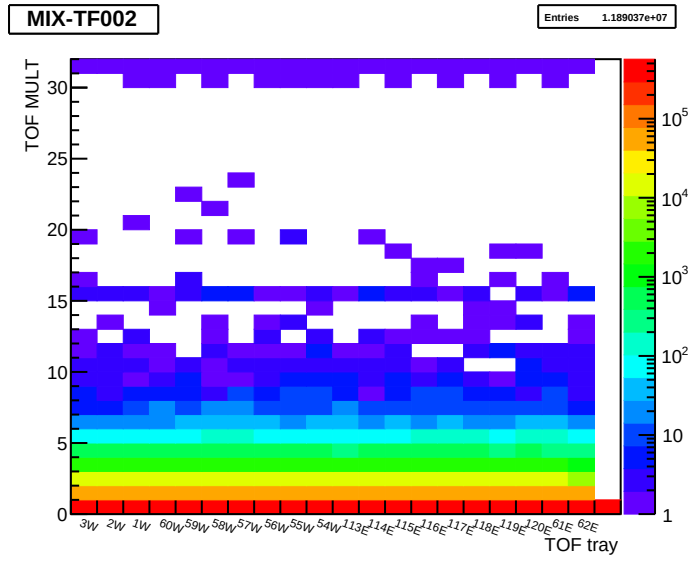

BunchId7Bit (HT.TP UPCsingle)
Entries 36223
10^2
10
1
0
20
40
60
80
100
120

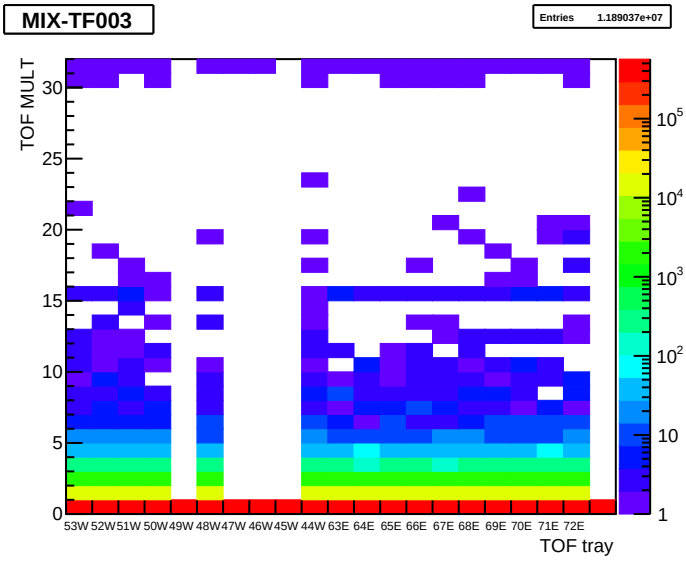

BunchId7Bit (TP UPCsingle)
Entries 128438
10^3
10^2
10
1
0
20
40
60
80
100
120

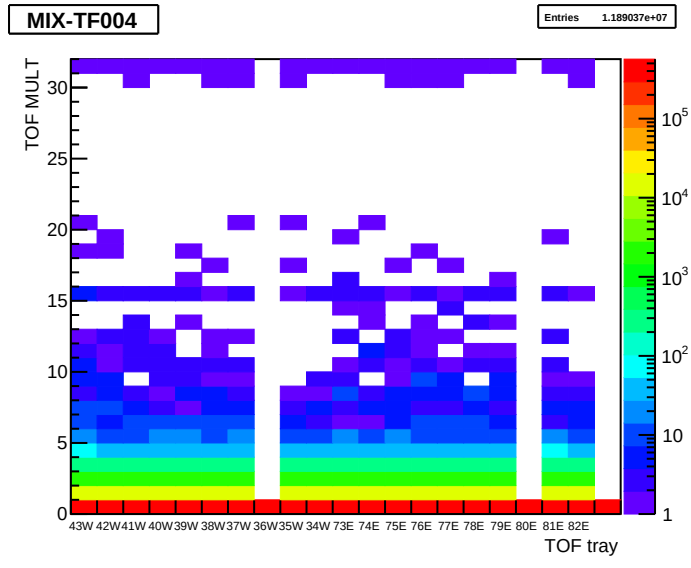

BunchId7Bit (VPD-TAC)
Entries 356869
10^3
10^2
10
1
0
20
40
60
80
100
120

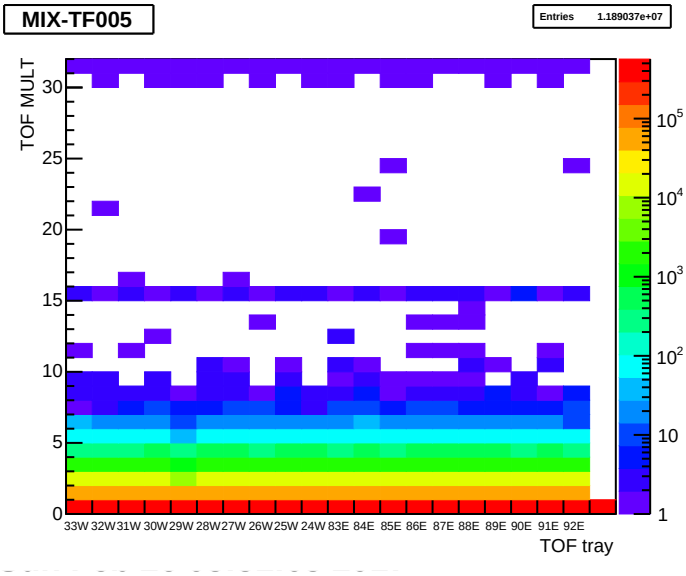

BunchId7Bit (MTD-th2)
Entries 12191
10^2
0
20
40
60
80
100
120

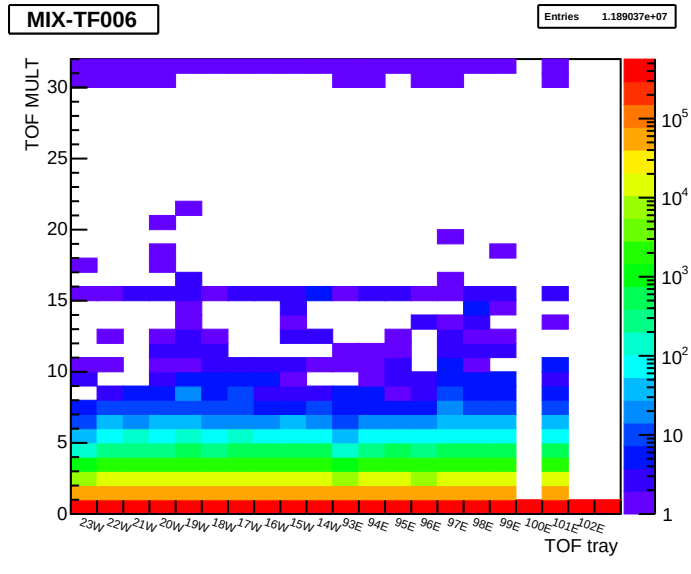

MIX-TF001
Entries 1.189037e+07
TOF MULT
TOF tray

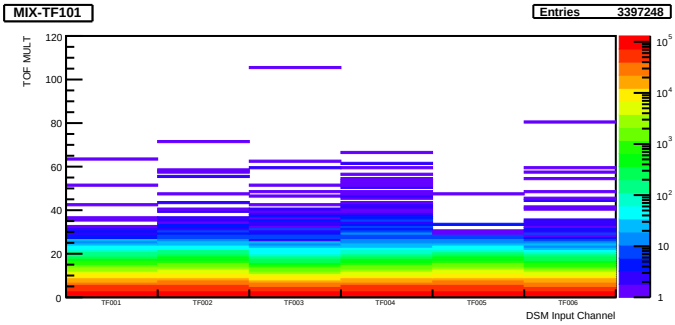

MIX-TF002
Entries 1.189037e+07
TOF MULT
TOF tray

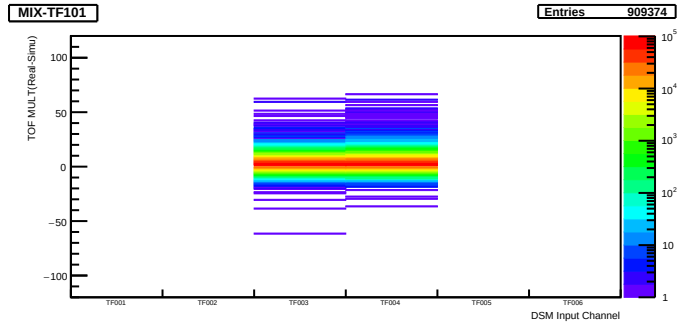

MIX-TF003
Entries 1.189037e+07
TOF MULT
TOF tray

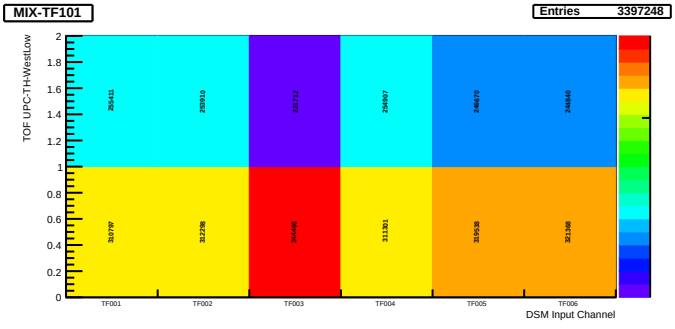

MIX-TF004
Entries 1.189037e+07
TOF MULT
TOF tray

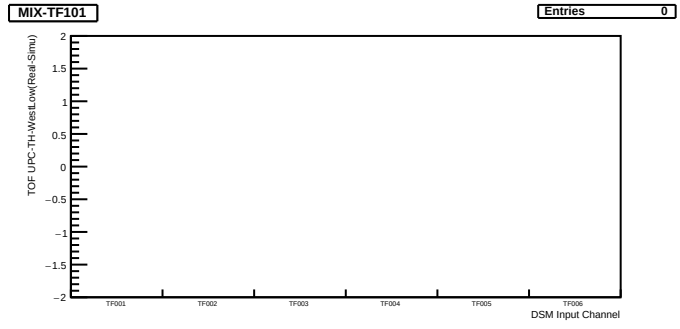

MIX-TF005
Entries 1.189037e+07
TOF MULT
TOF tray

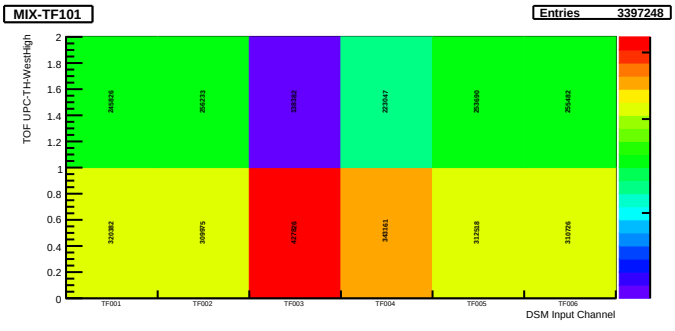

MIX-TF006
Entries 1.189037e+07
TOF MULT
TOF tray

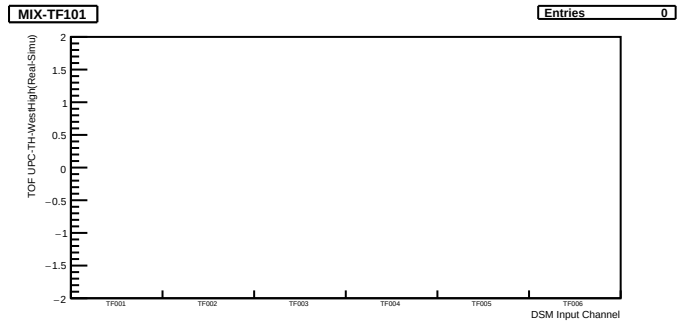

MIX-TF101
Entries 3397248
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

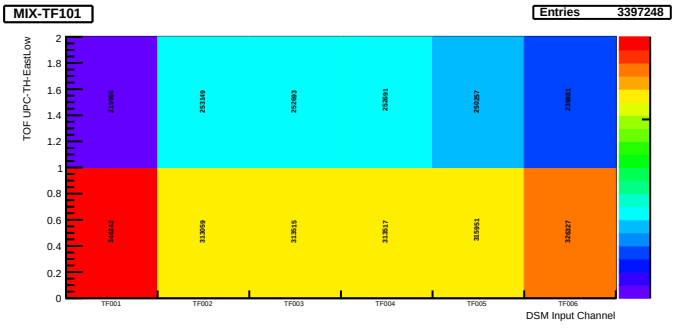

MIX-TF101
Entries 909374
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

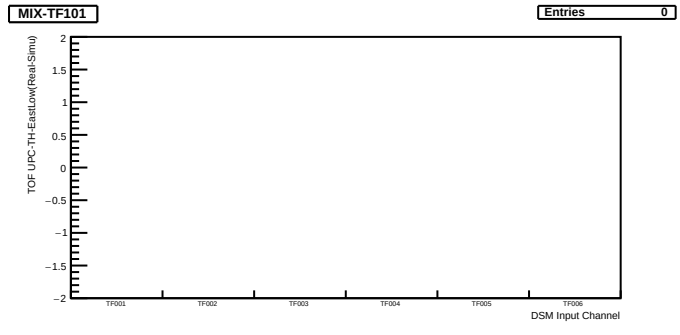

MIX-TF101
Entries 3397248
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

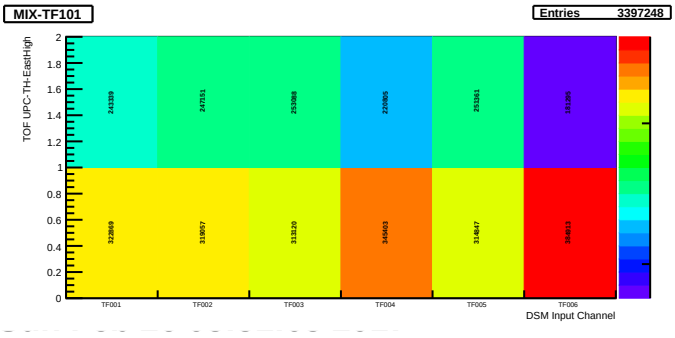

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

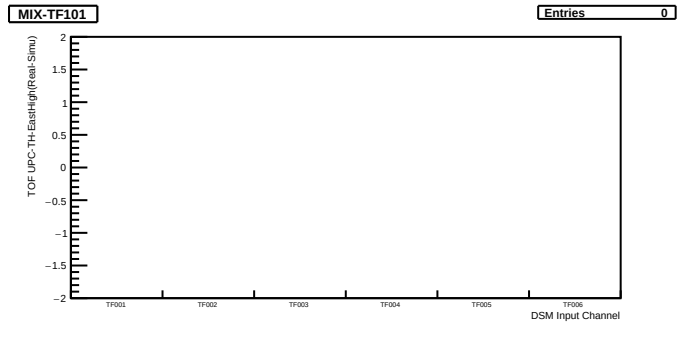

MIX-TF101
Entries 3397248
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

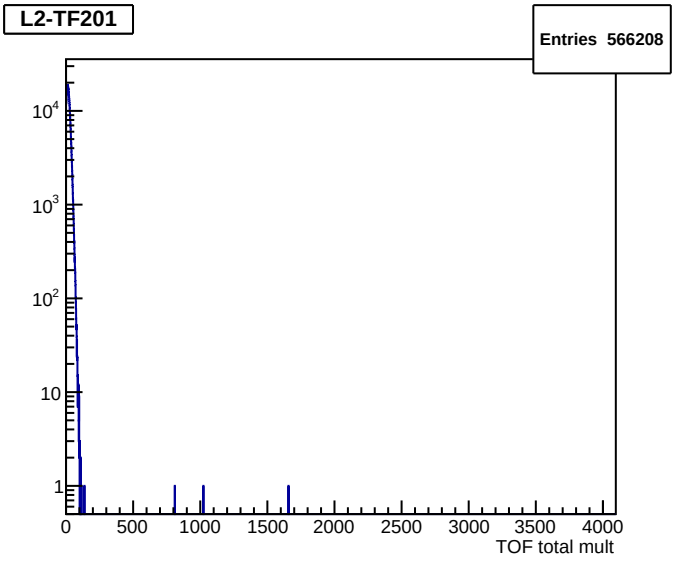

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

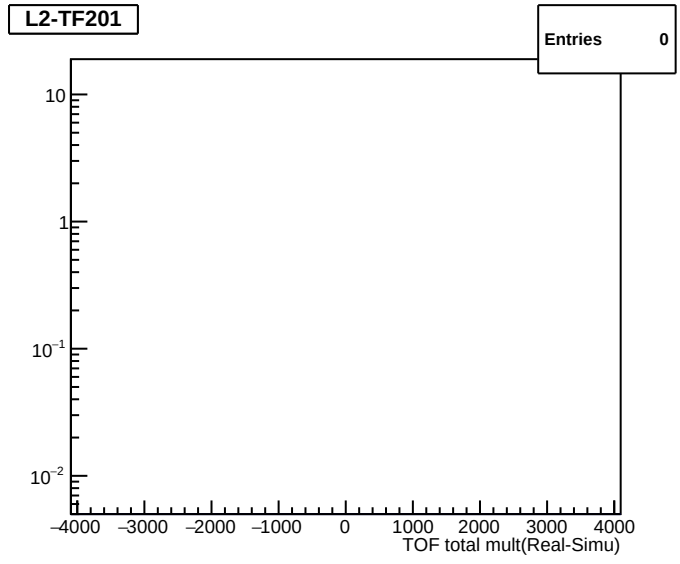

MIX-TF101
Entries 3397248
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

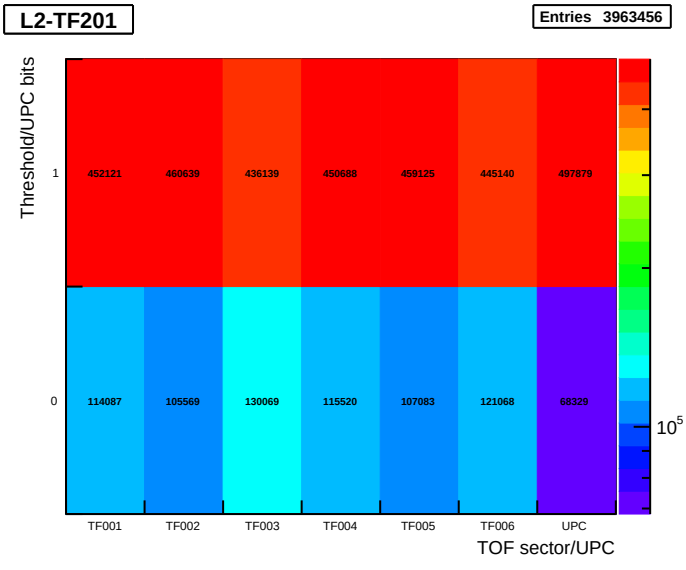

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

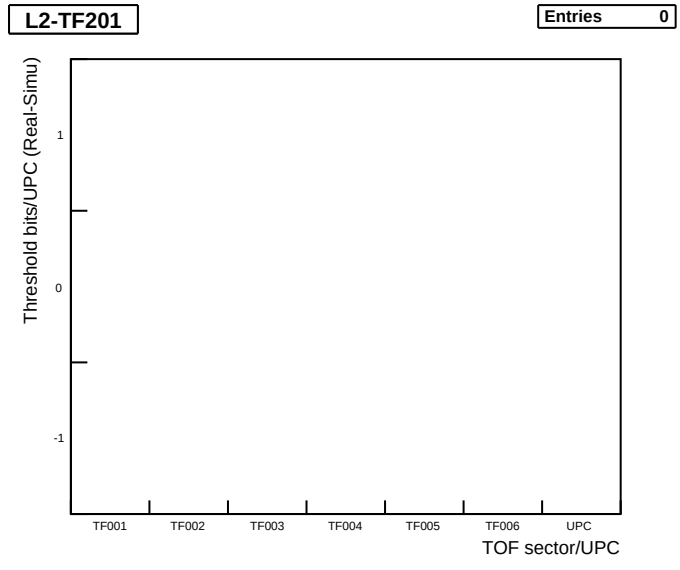

MIX-TF101
Entries 3397248
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

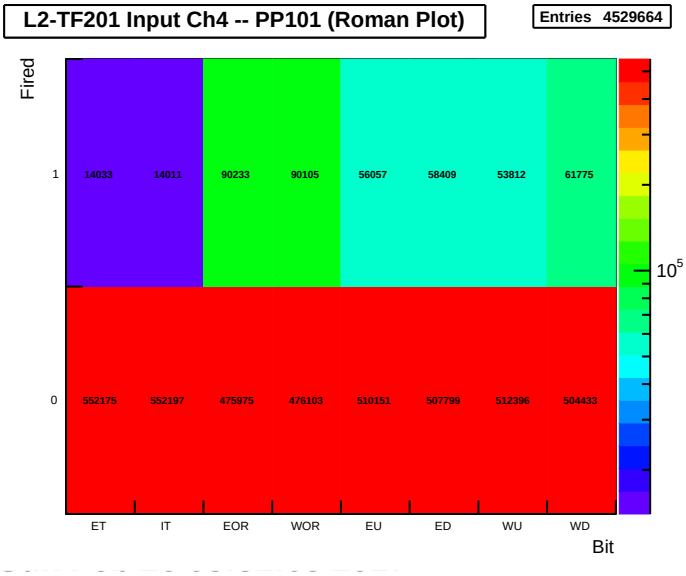

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

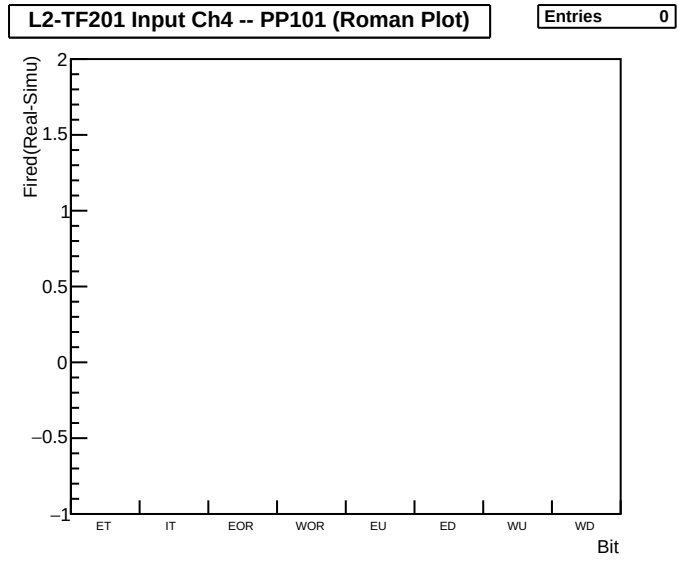

L2-TF201
Entries 566208
TOF total mult

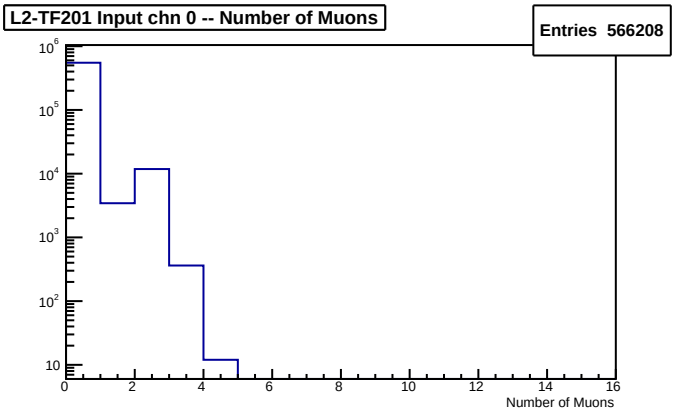

L2-TF201
Entries 0
TOF total mult(Real-Simu)

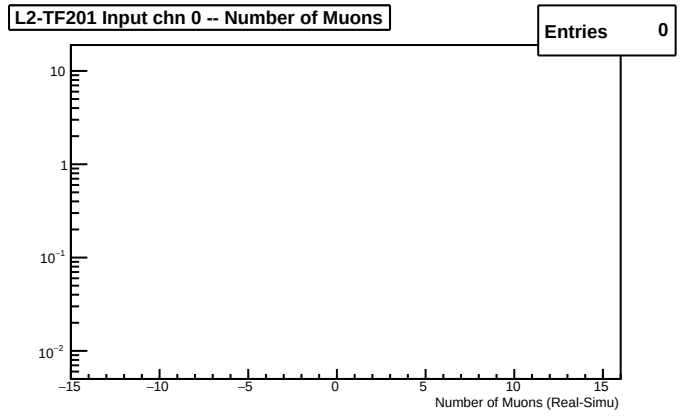

L2-TF201
Entries 3963456
Threshold/UPC bits
452121 460639 436139 450688 459125 445140 497879
114087 105569 130069 115520 107083 121068 68329
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

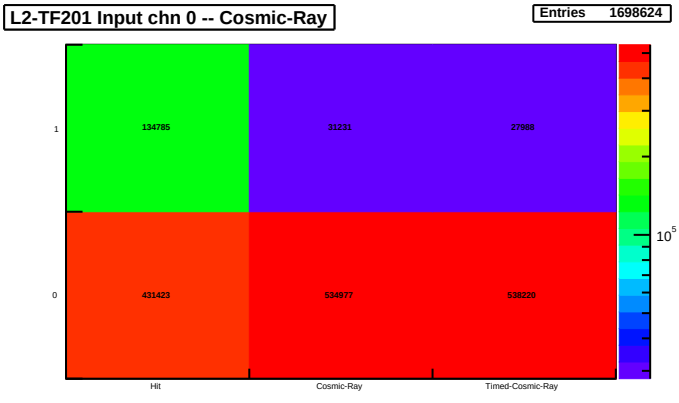

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

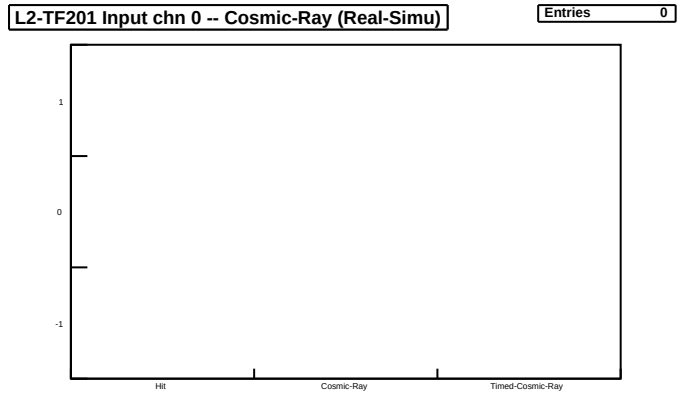

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4529664
Fired
14033 14011 90233 90105 56057 58409 53812 61775
552175 552197 475975 476103 510151 507799 512396 504433
ET IT EOR WOR EU ED WU WD
Bit

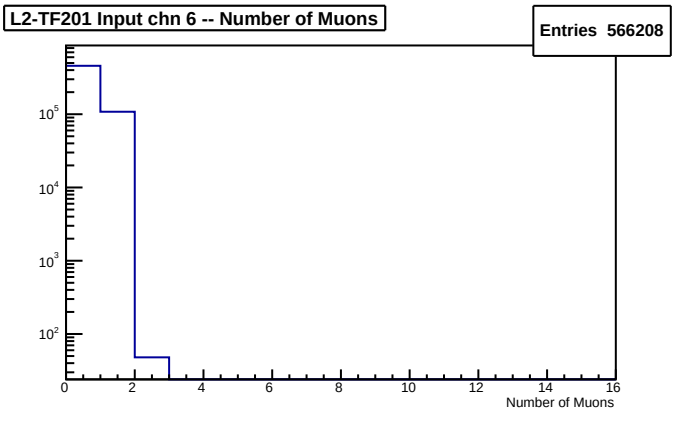

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

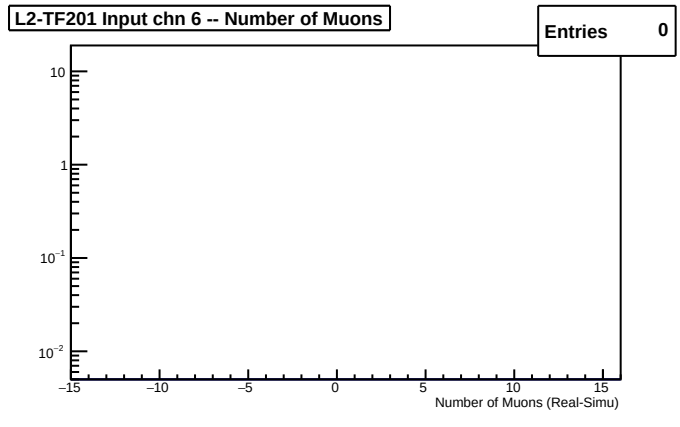

L2-TF201 Input chn 0 -- Number of Muons
Entries 566208
Number of Muons

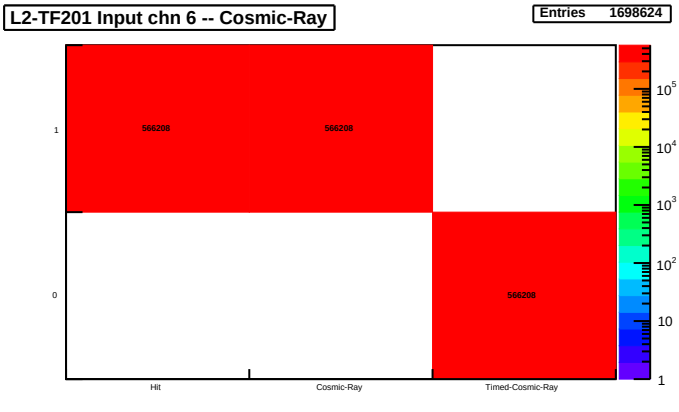

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

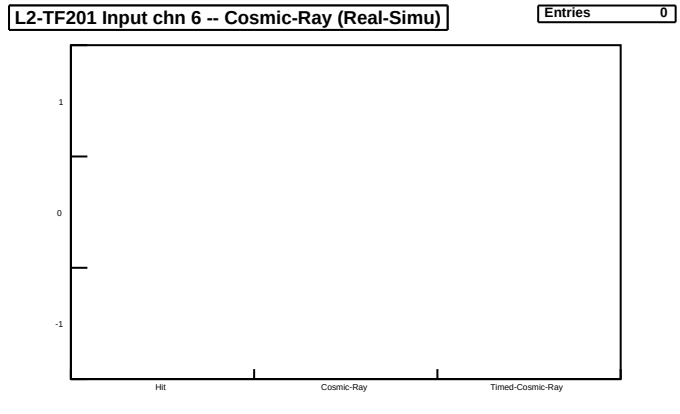

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1698624
134785
31231
27988
431423
534977
538220
Hit
Cosmic-Ray
Timed-Cosmic-Ray

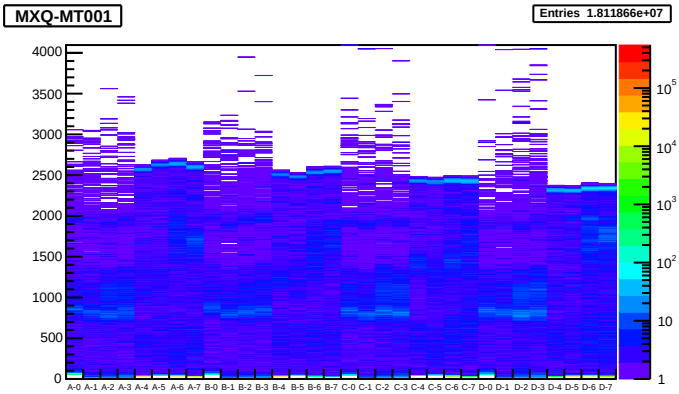

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

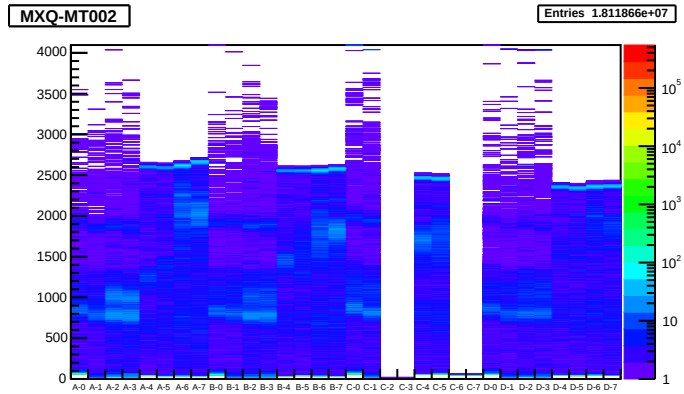

L2-TF201 Input chn 6 -- Number of Muons
Entries 566208
Number of Muons

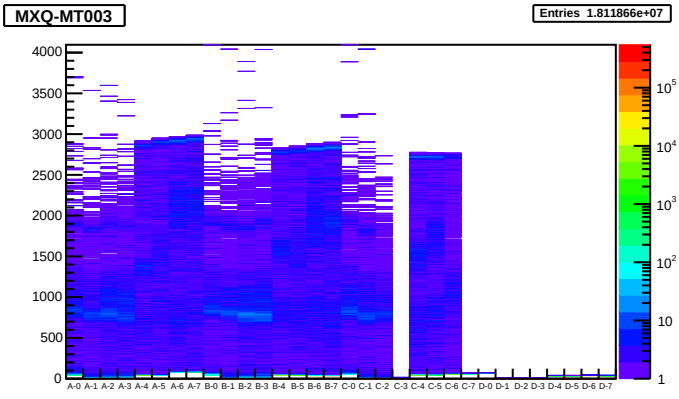

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

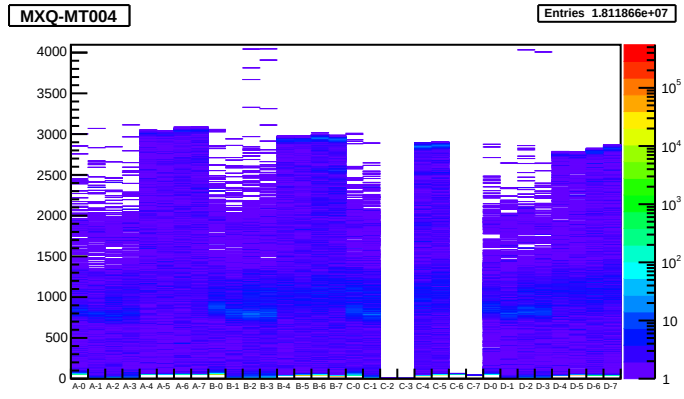

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1698624
566208
566208
566208
Hit
Cosmic-Ray
Timed-Cosmic-Ray

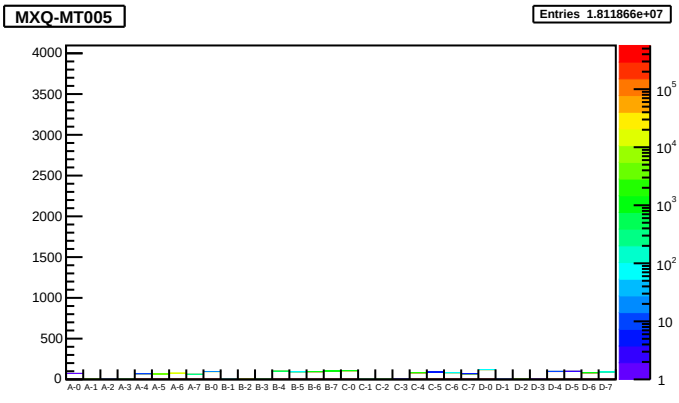

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

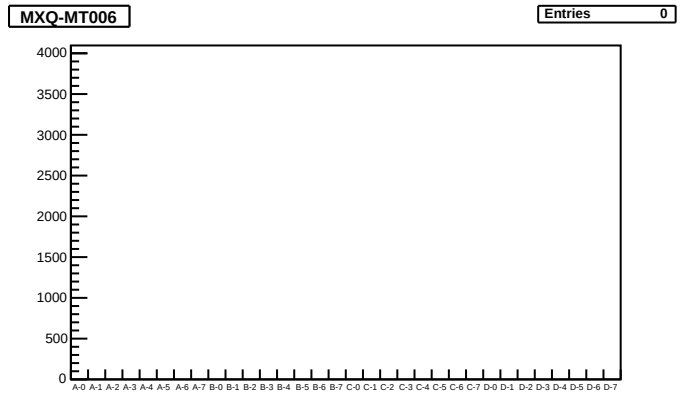

MXQ-MT001
Entries 1.811866e+07

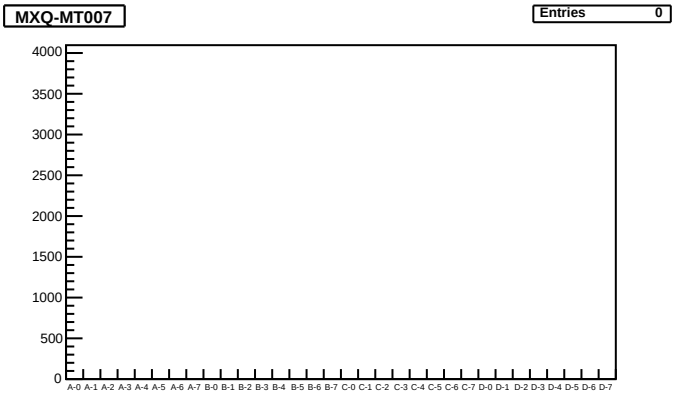

MXQ-MT002
Entries 1.811866e+07

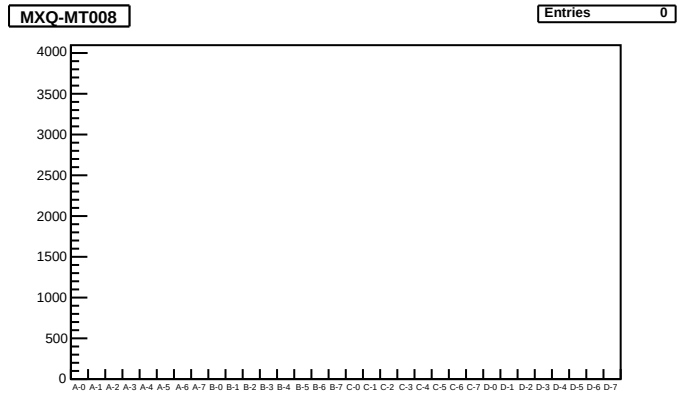

MXQ-MT003
Entries 1.811866e+07

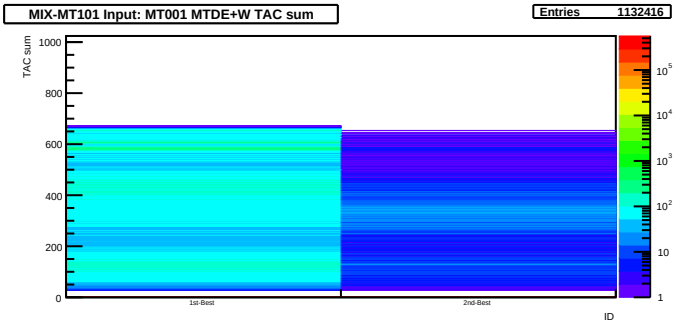

MXQ-MT004
Entries 1.811866e+07

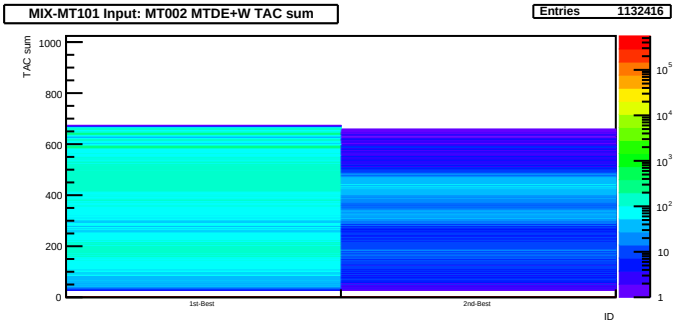

MXQ-MT005
Entries 1.811866e+07

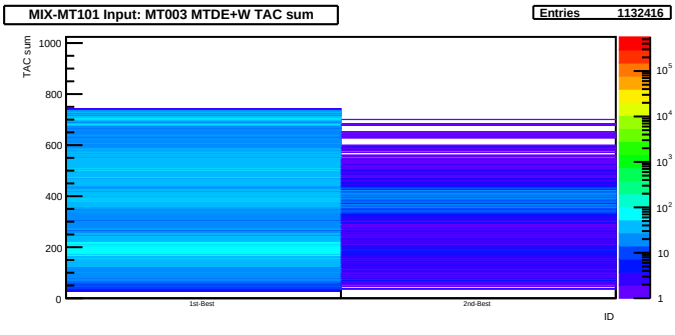

MXQ-MT006
Entries 0

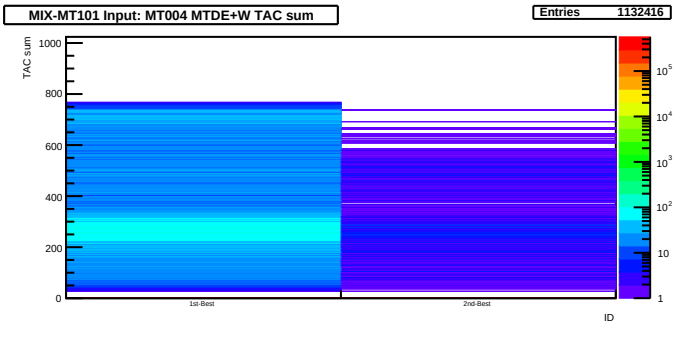

MXQ-MT007
Entries 0

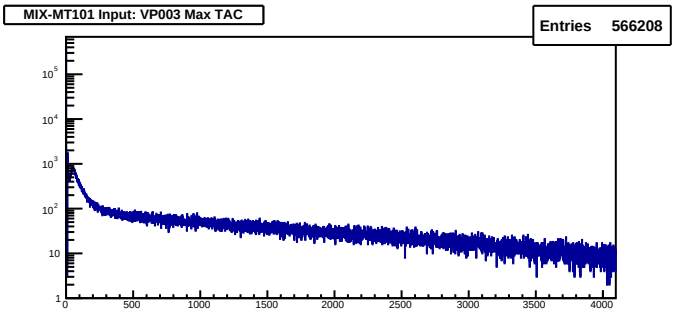

MXQ-MT008
Entries 0

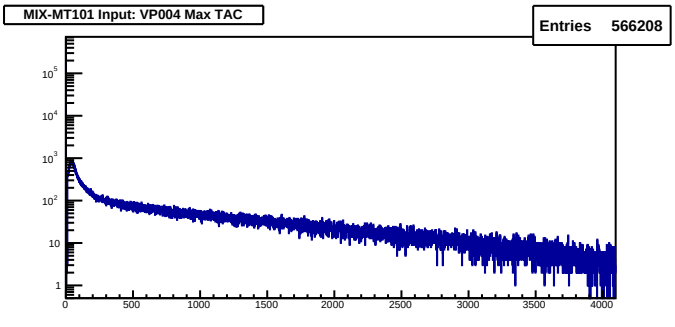

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1132416
TAC sum
1st-Best
2nd-Best
ID

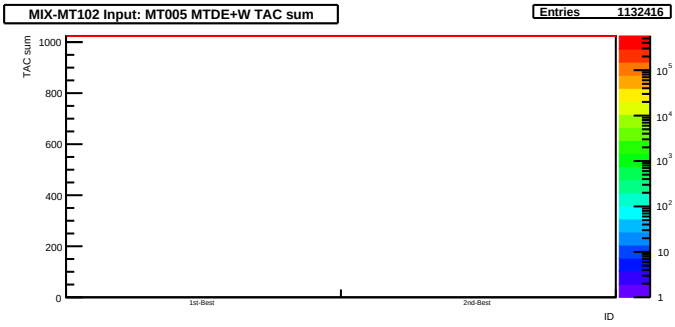

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1132416
TAC sum
1st-Best
2nd-Best
ID

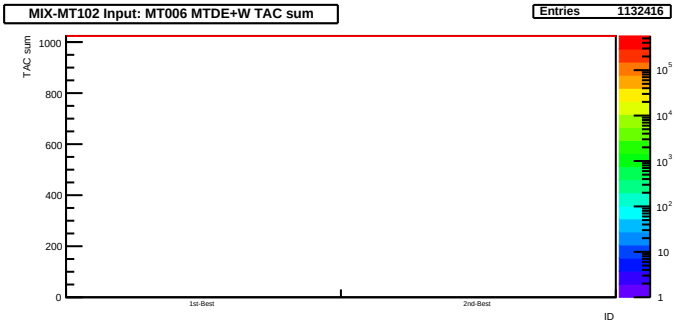

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1132416
TAC sum
1st-Best
2nd-Best
ID

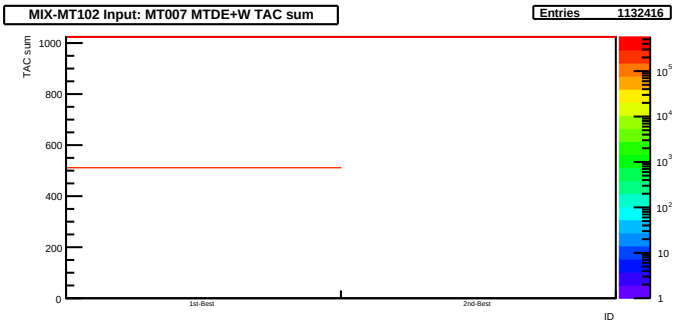

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1132416
TAC sum
1st-Best
2nd-Best
ID

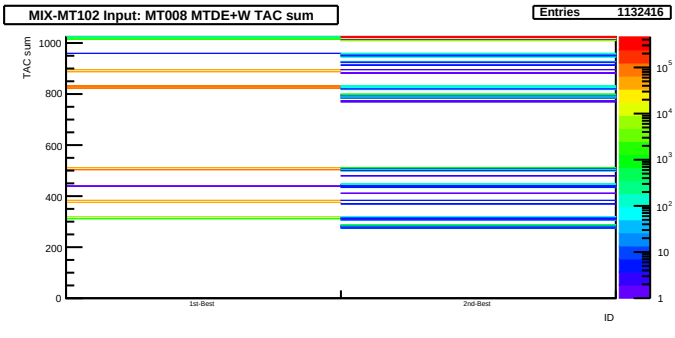

MIX-MT101 Input: VP003 Max TAC
Entries 566208

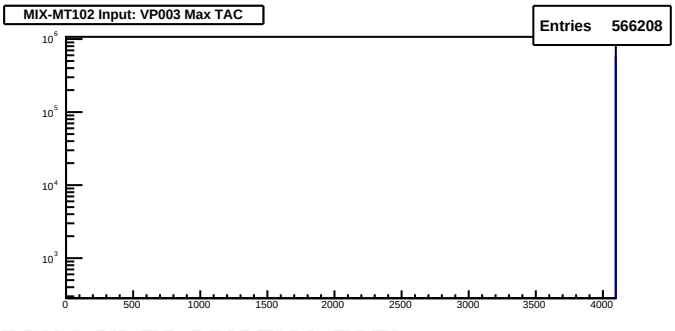

MIX-MT101 Input: VP004 Max TAC
Entries 566208

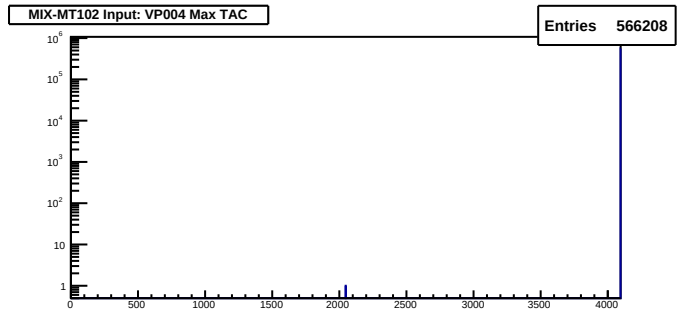

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1132416
TAC sum
1st-Best
2nd-Best
ID

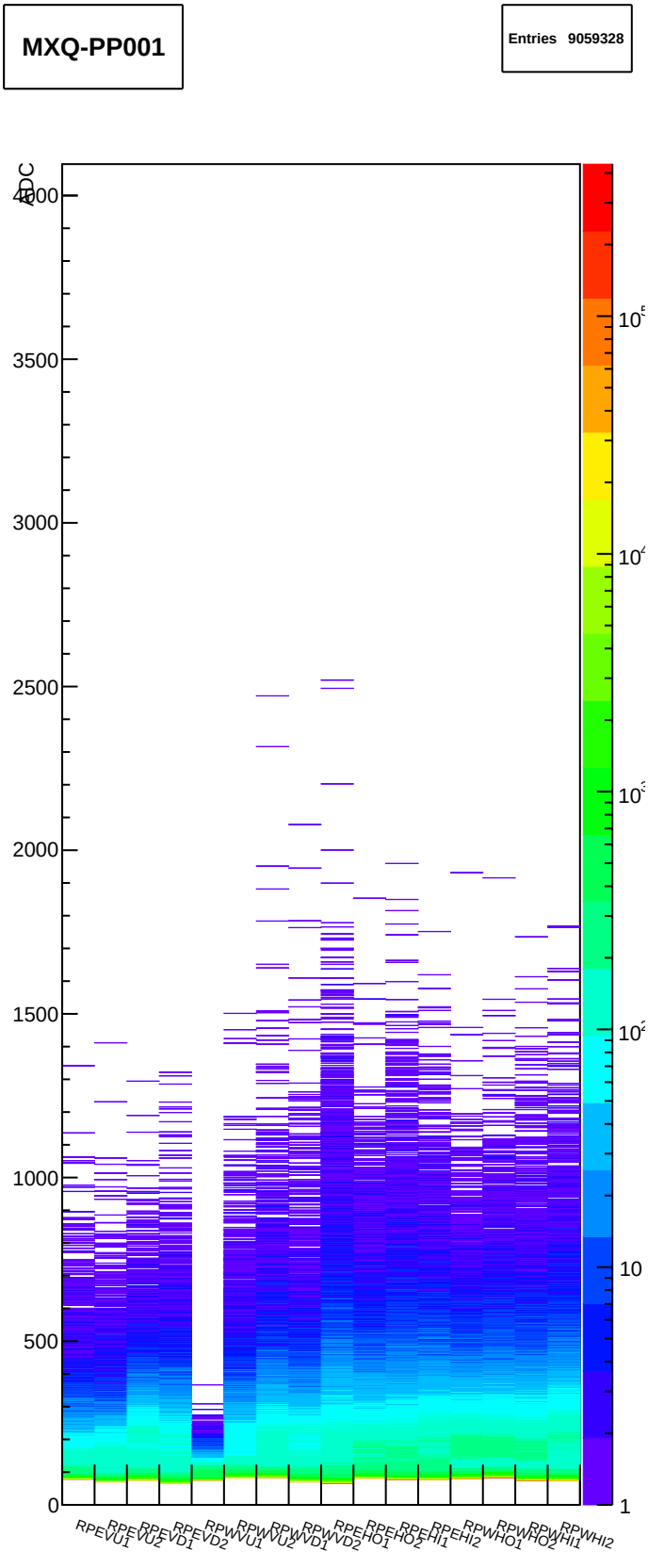

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1132416
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1132416
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1132416
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 566208


MIX-MT102 Input: VP004 Max TAC
Entries 566208


MXQ-PP001
Entries 9059328
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
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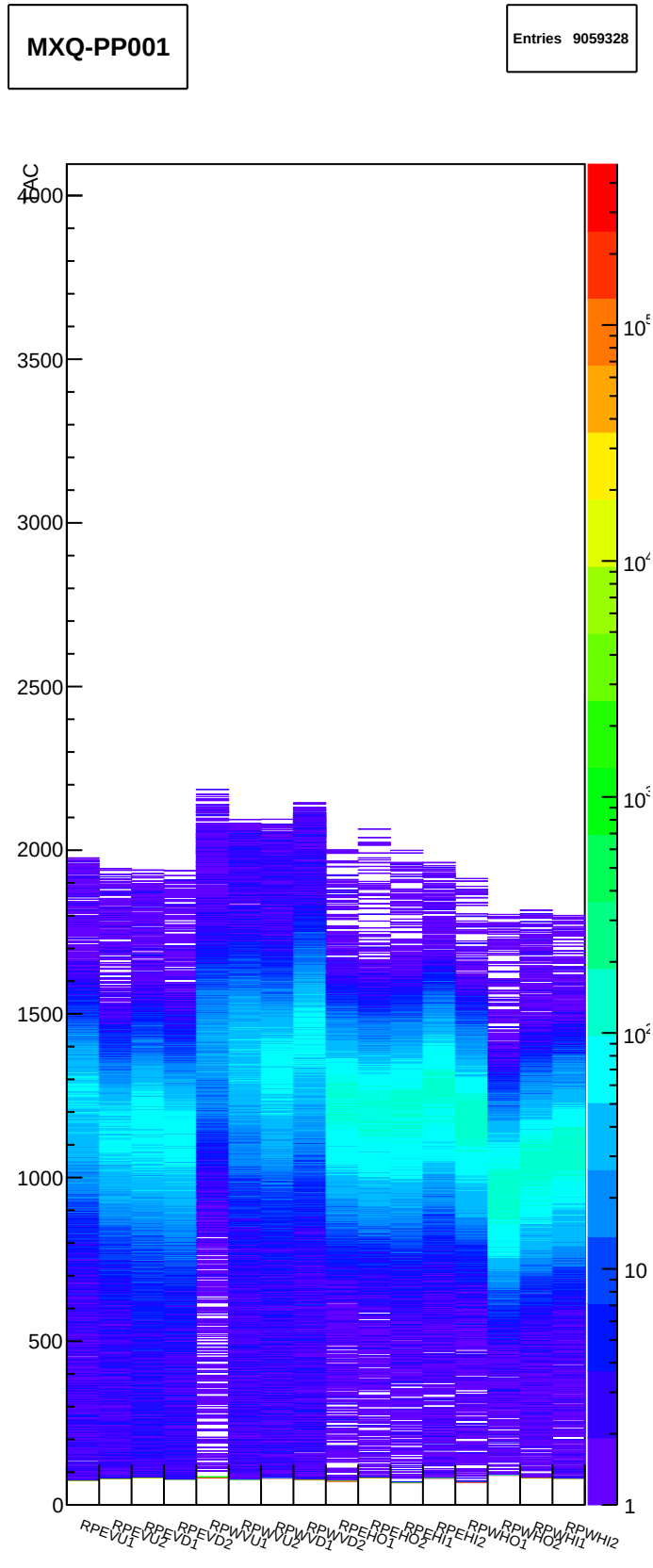
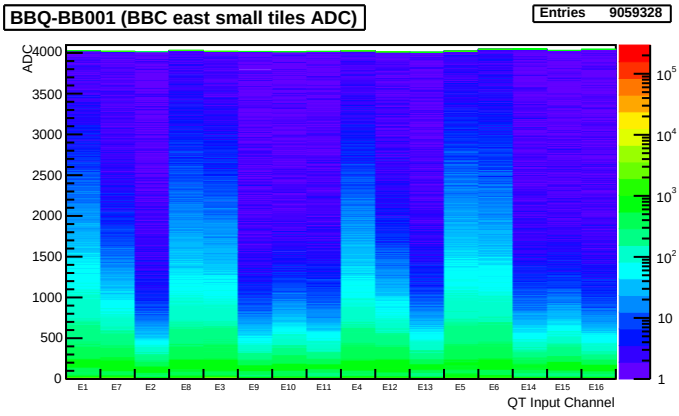
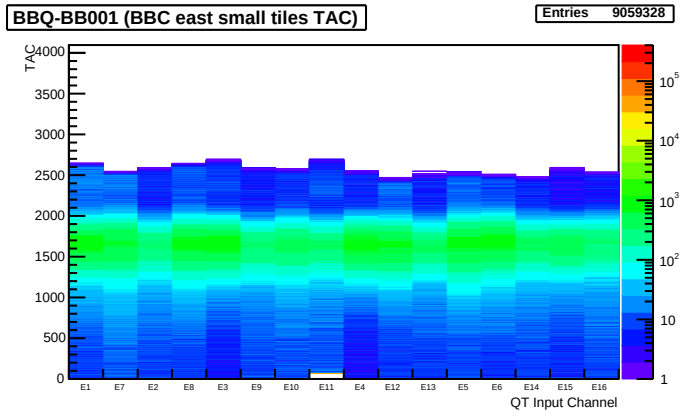
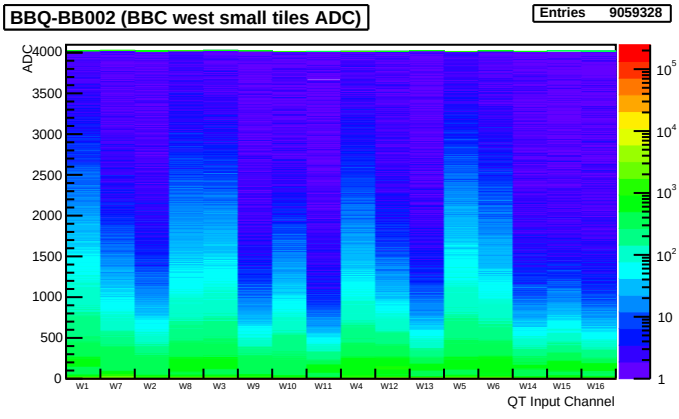
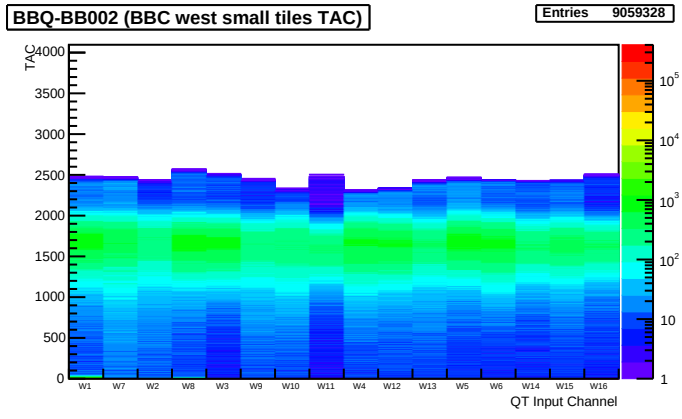
RPWHO2
RPWHI1
RPWHI2
10
1

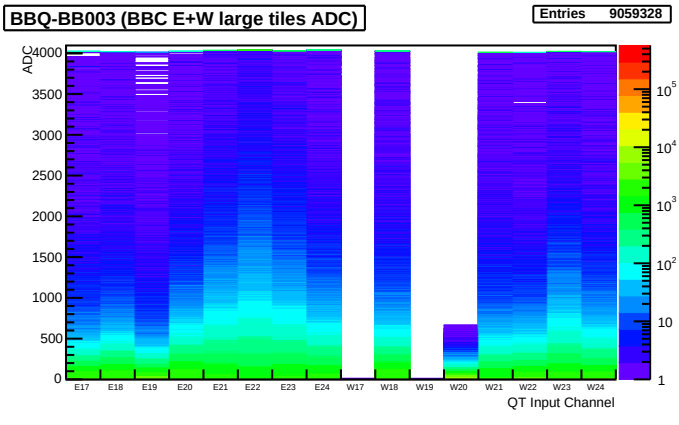

MXQ-PP001
Entries 9059328
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

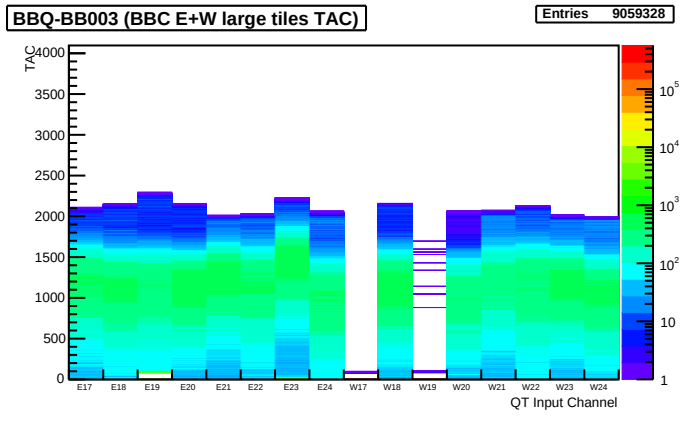

BBQ-BB001 (BBC east small tiles ADC)
Entries 9059328
ADC
QT Input Channel

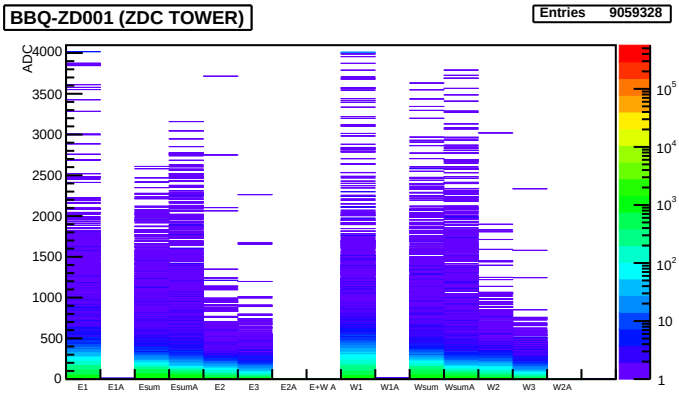

BBQ-BB001 (BBC east small tiles TAC)
Entries 9059328
TAC
QT Input Channel

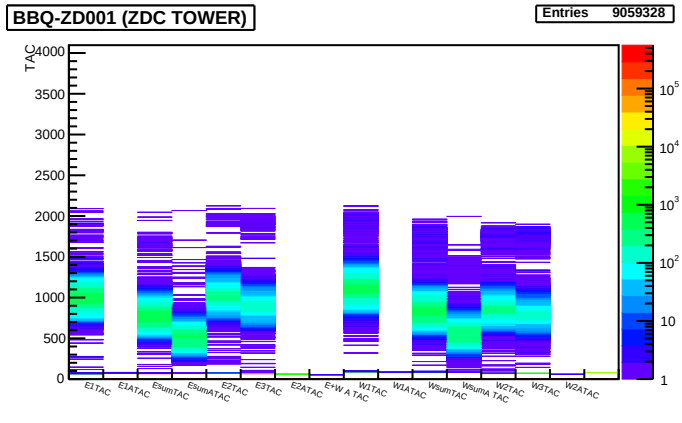

BBQ-BB002 (BBC west small tiles ADC)
Entries 9059328
ADC
QT Input Channel

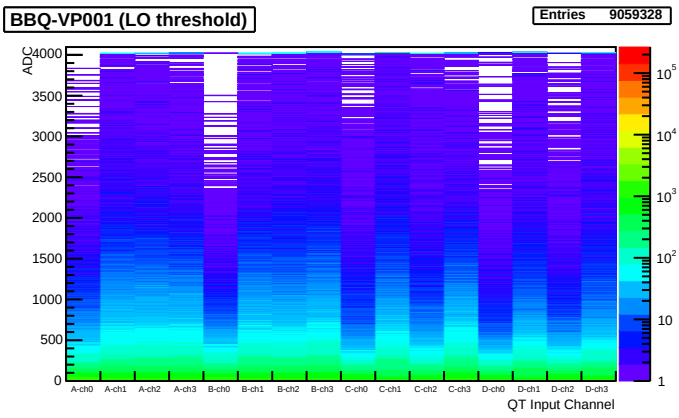

BBQ-BB002 (BBC west small tiles TAC)
Entries 9059328
TAC
QT Input Channel

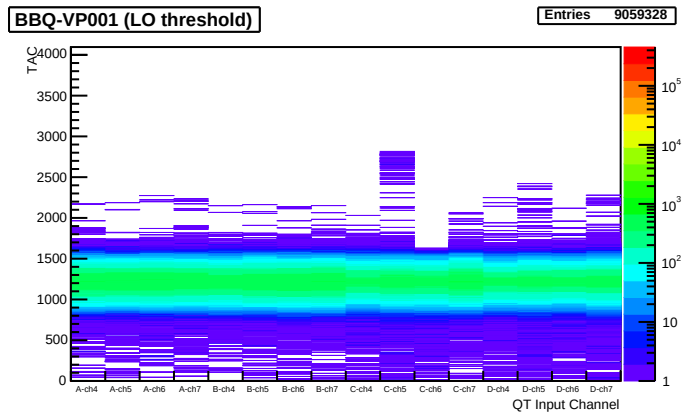

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9059328
ADC
QT Input Channel

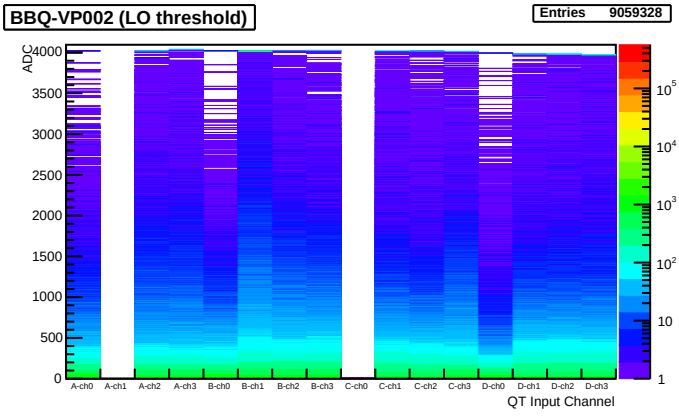

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9059328
TAC
QT Input Channel

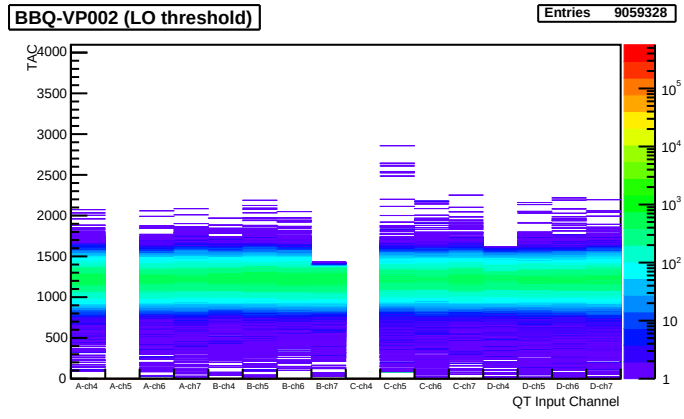

BBQ-ZD001 (ZDC TOWER)
Entries 9059328
ADC

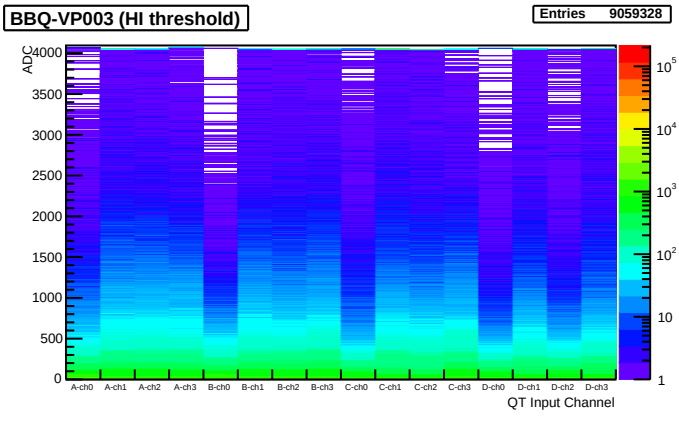

BBQ-ZD001 (ZDC TOWER)
Entries 9059328
TAC

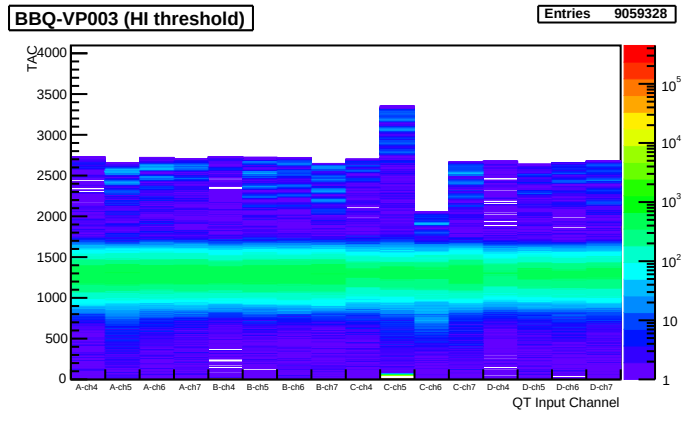

BBQ-VP001 (LO threshold)
Entries 9059328
ADC
QT Input Channel

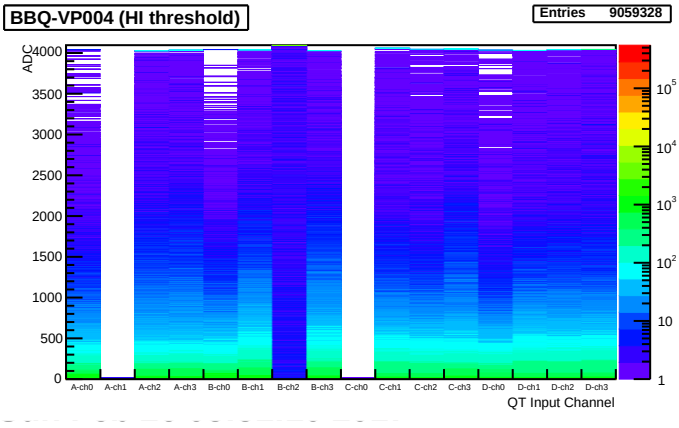

BBQ-VP001 (LO threshold)
Entries 9059328
TAC
QT Input Channel

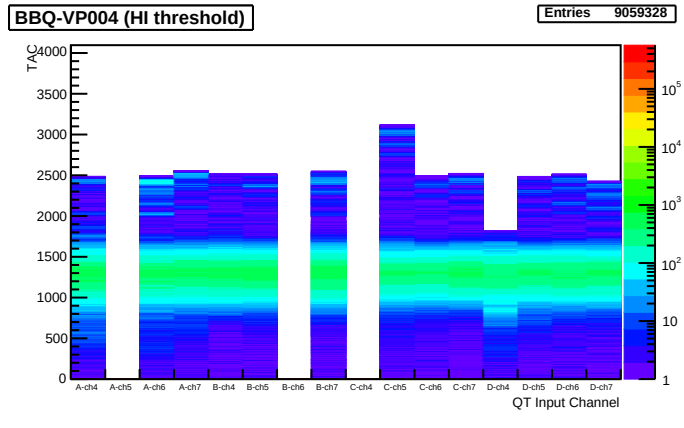

BBQ-VP002 (LO threshold)
Entries 9059328
ADC
QT Input Channel

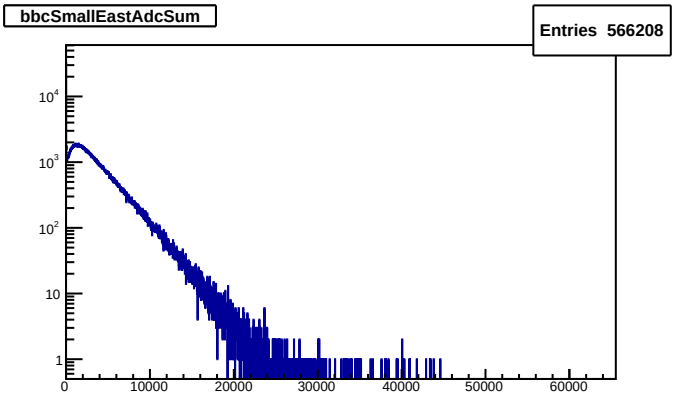

BBQ-VP002 (LO threshold)
Entries 9059328
TAC
QT Input Channel

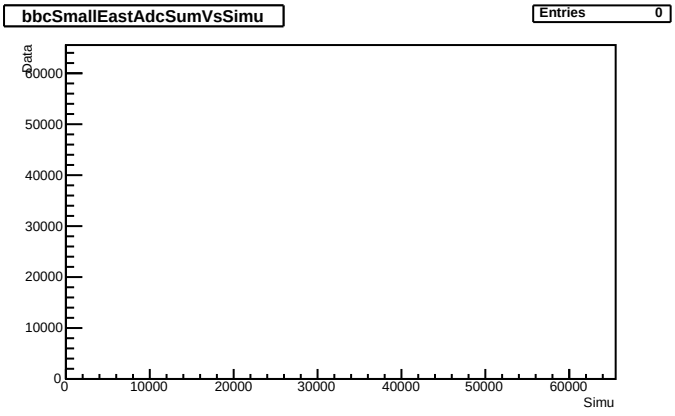

BBQ-VP003 (HI threshold)
Entries 9059328
ADC
QT Input Channel

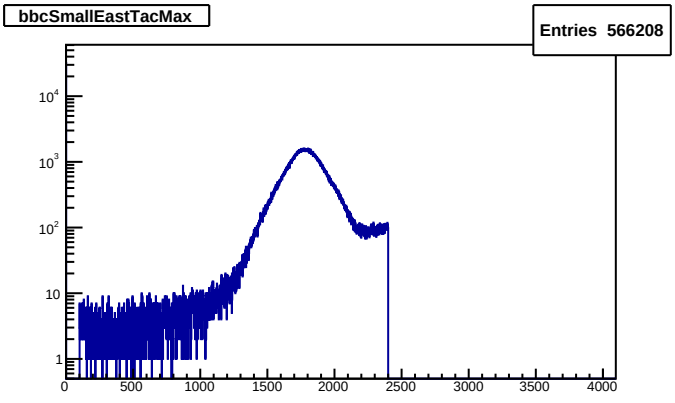

BBQ-VP003 (HI threshold)
Entries 9059328
TAC
QT Input Channel

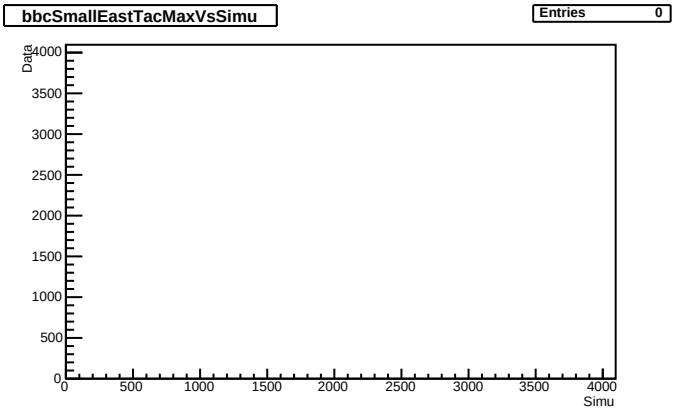

BBQ-VP004 (HI threshold)
Entries 9059328
ADC
QT Input Channel

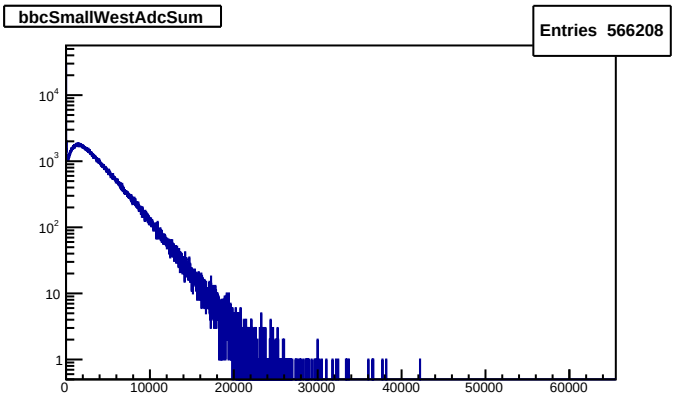

BBQ-VP004 (HI threshold)
Entries 9059328
TAC
QT Input Channel

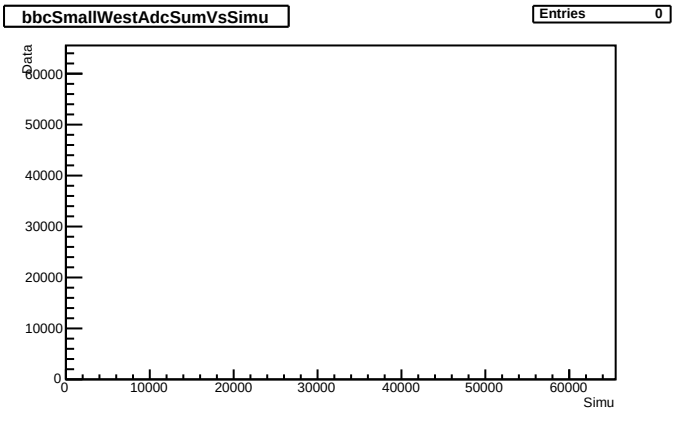

bbcSmallEastAdcSum
Entries 566208

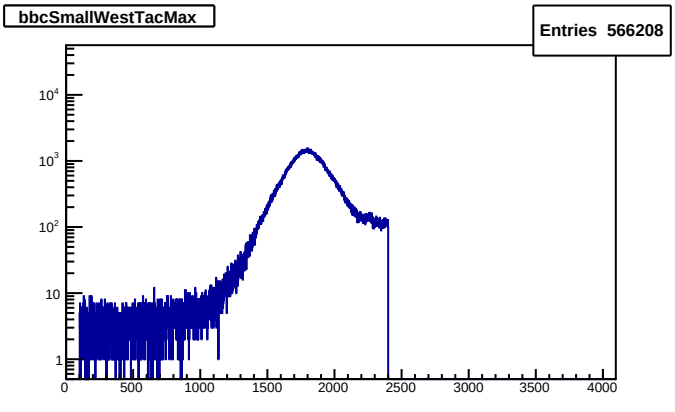

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

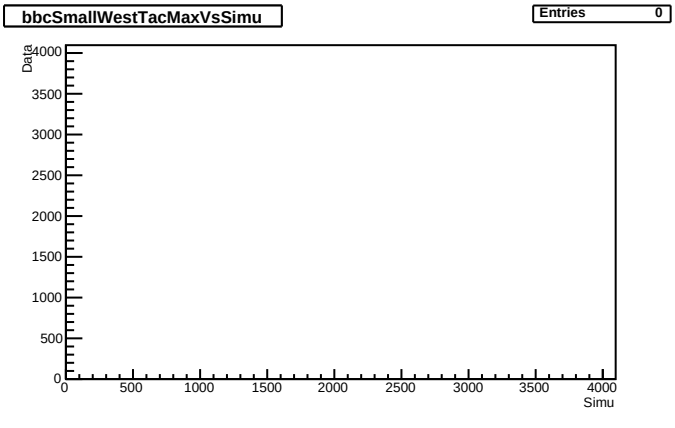

bbcSmallEastTacMax
Entries 566208

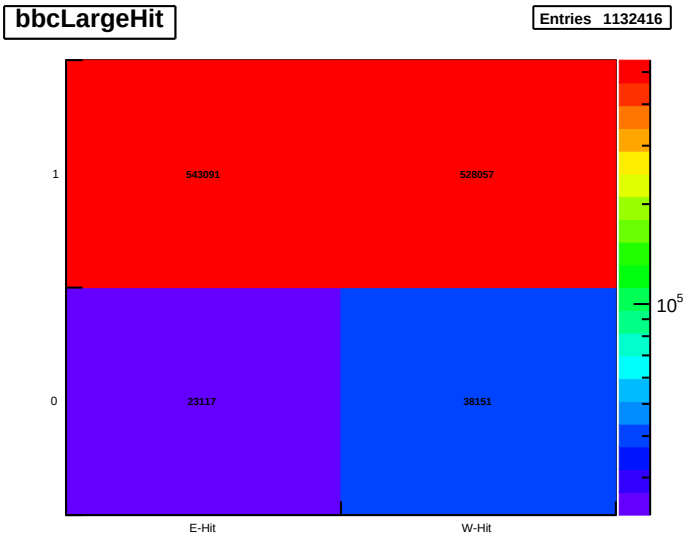

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

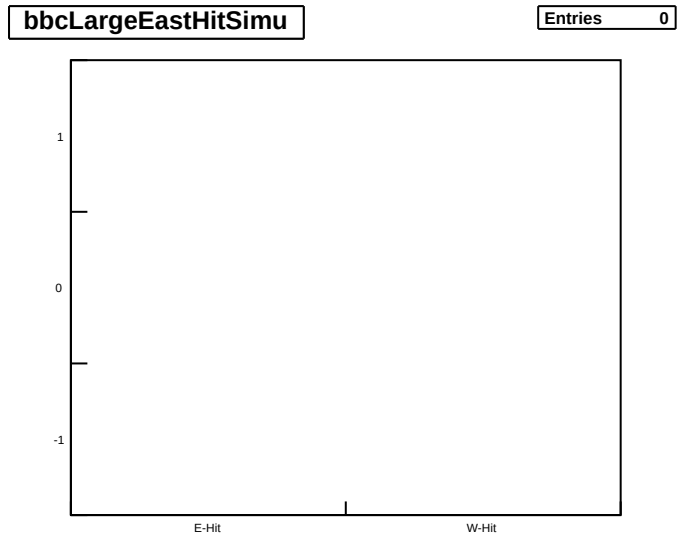

bbcSmallWestAdcSum
Entries 566208

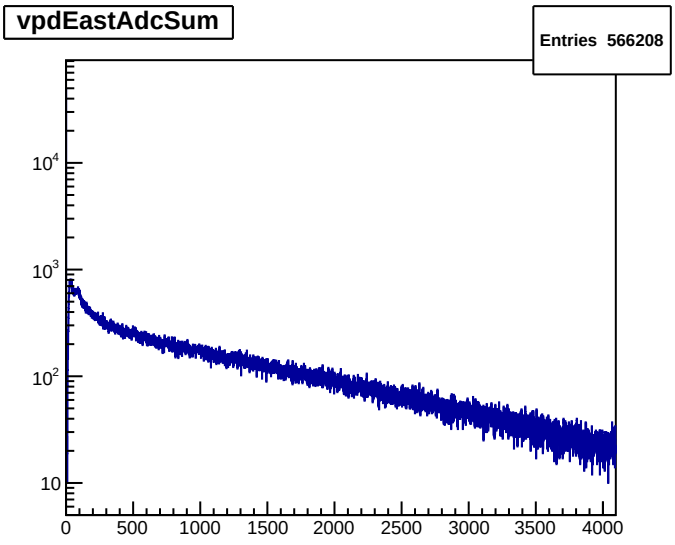

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

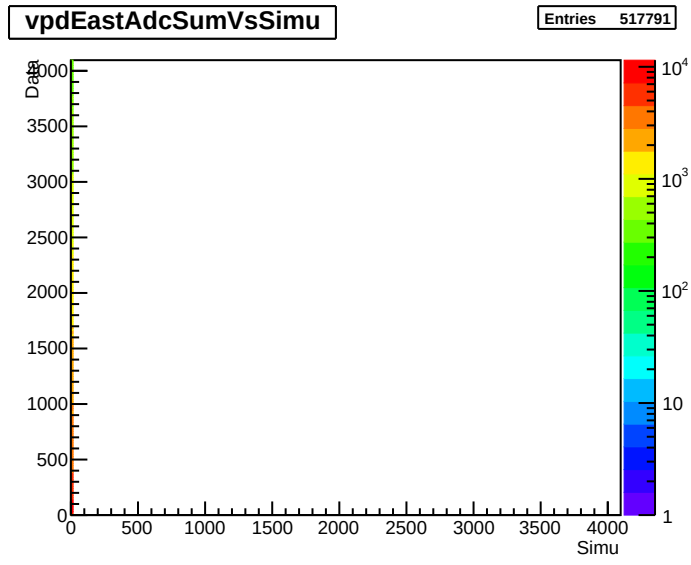

bbcSmallWestTacMax
Entries 566208

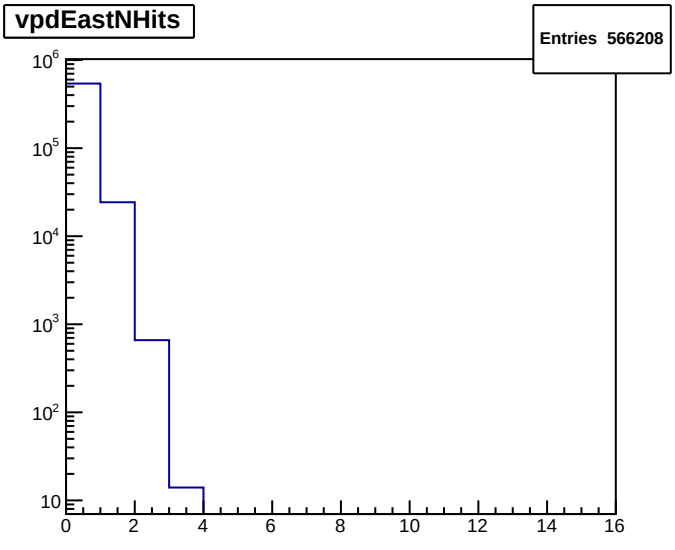

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

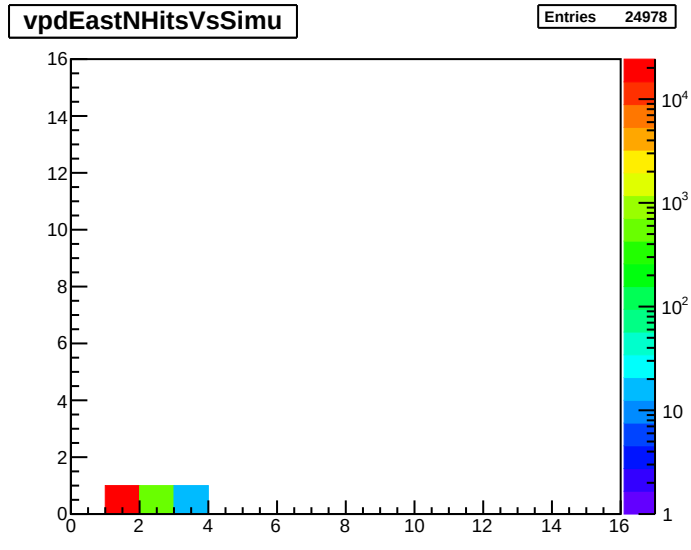

bbcLargeHit
Entries 1132416
1
0
543091
528057
23117
38151
E-Hit
W-Hit
10^5

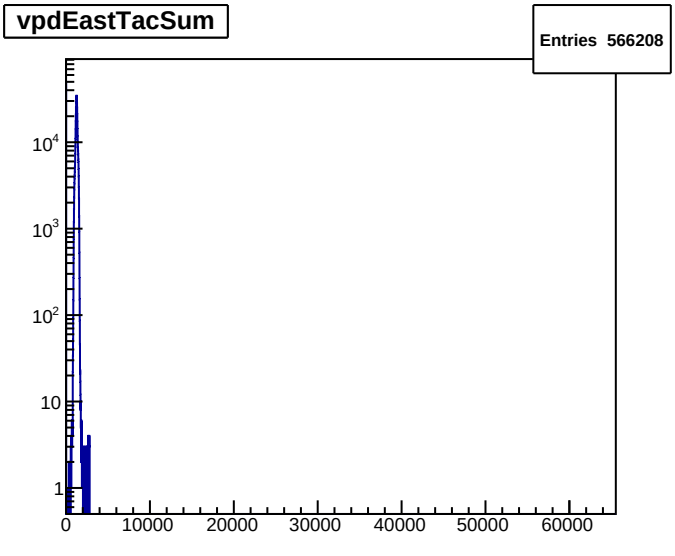

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

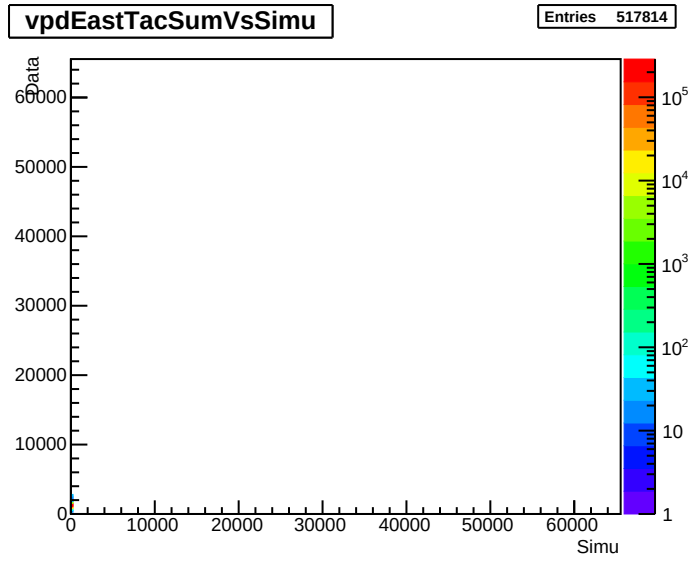

vpdEastAdcSum
Entries 566208

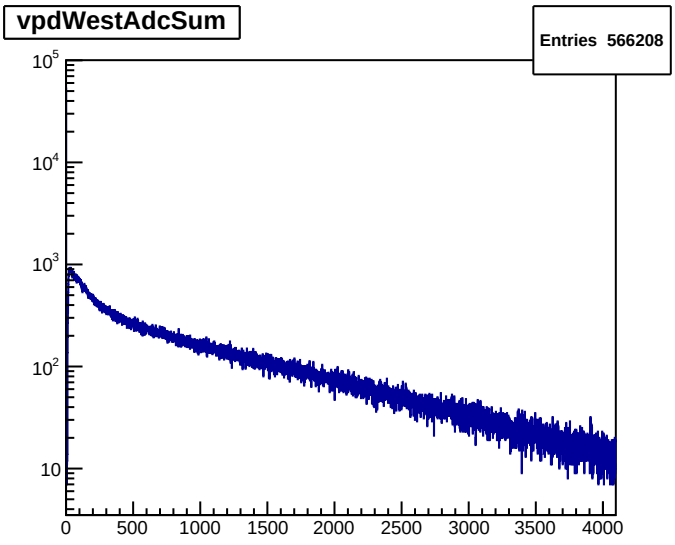

vpdEastAdcSumVsSimu
Entries 517791
Data
Simu

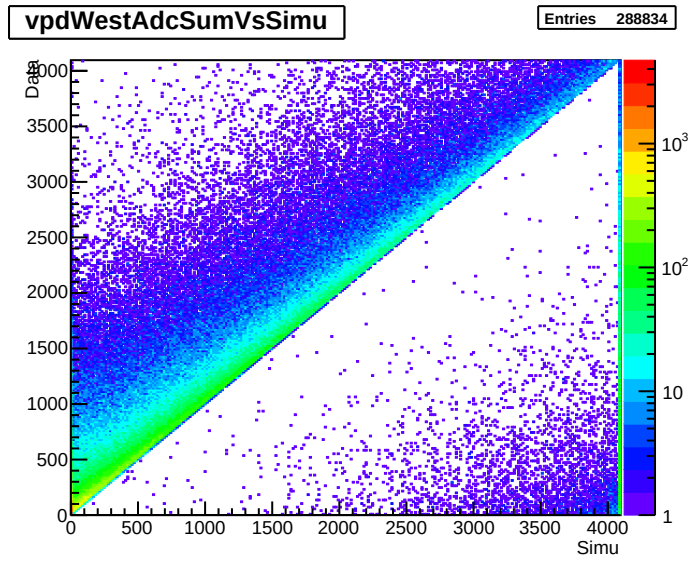

vpdEastNHits
Entries 566208

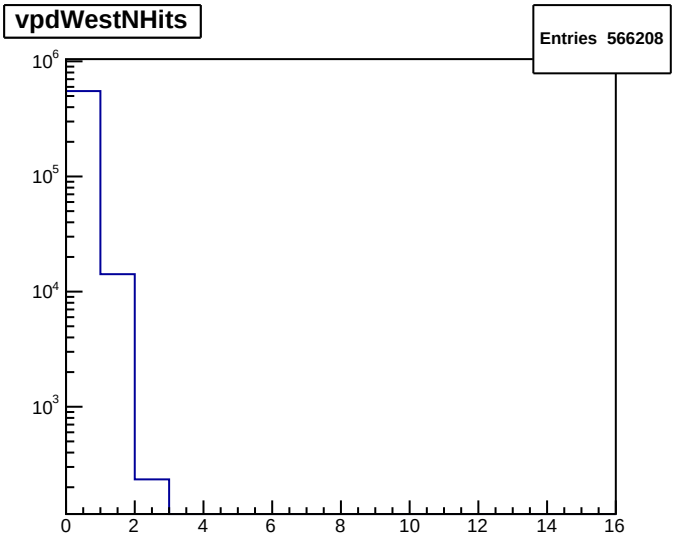

vpdEastNHitsVsSimu
Entries 24978

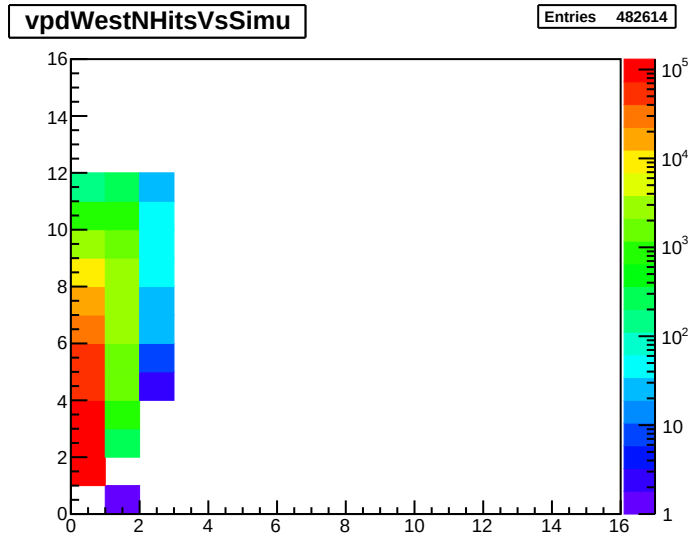

vpdEastTacSum
Entries 566208

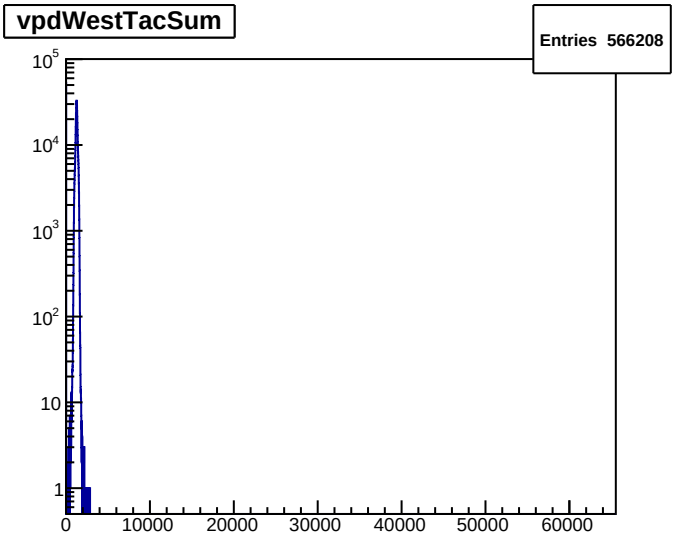

vpdEastTacSumVsSimu
Entries 517814
Data
Simu

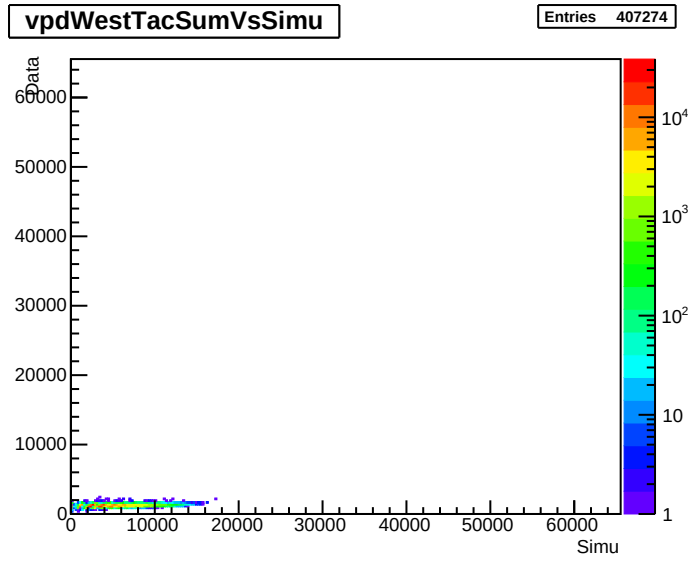

vpdWestAdcSum
Entries 566208

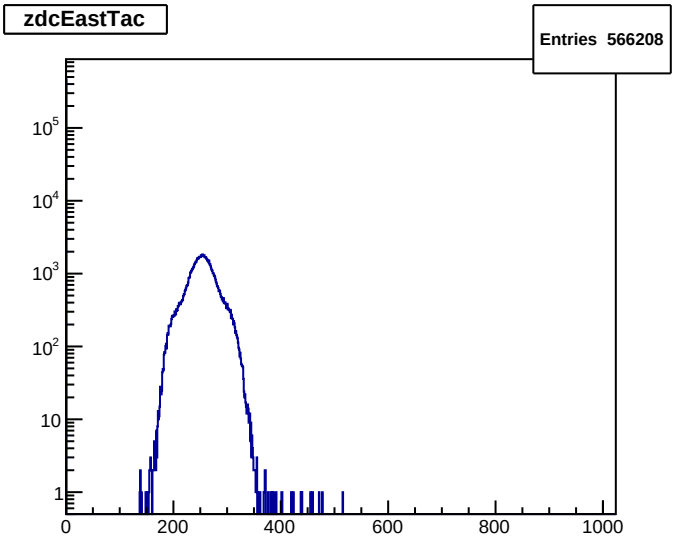

vpdWestAdcSumVsSimu
Entries 288834
Data
Simu

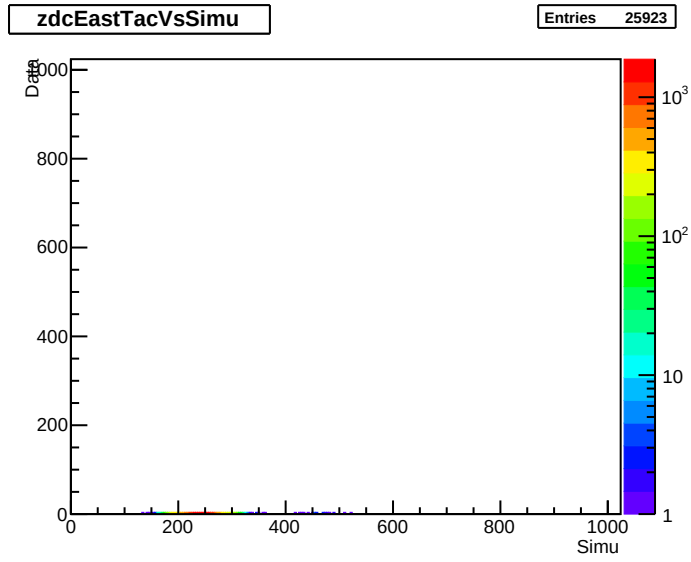

vpdWestNHits
Entries 566208

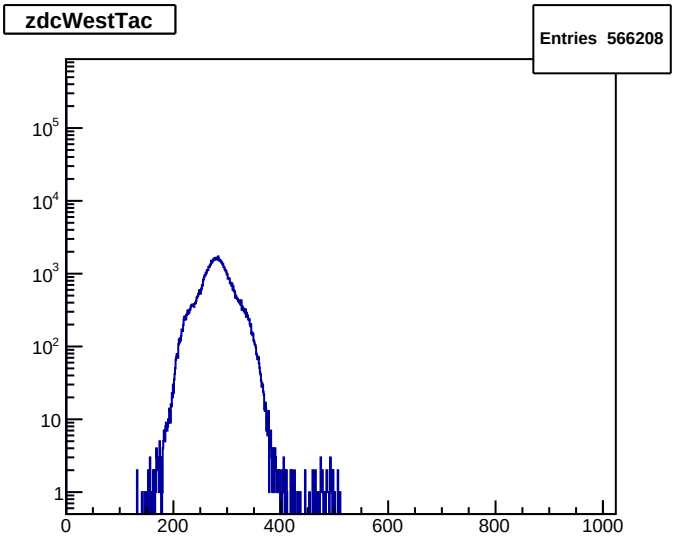

vpdWestNHitsVsSimu
Entries 482614

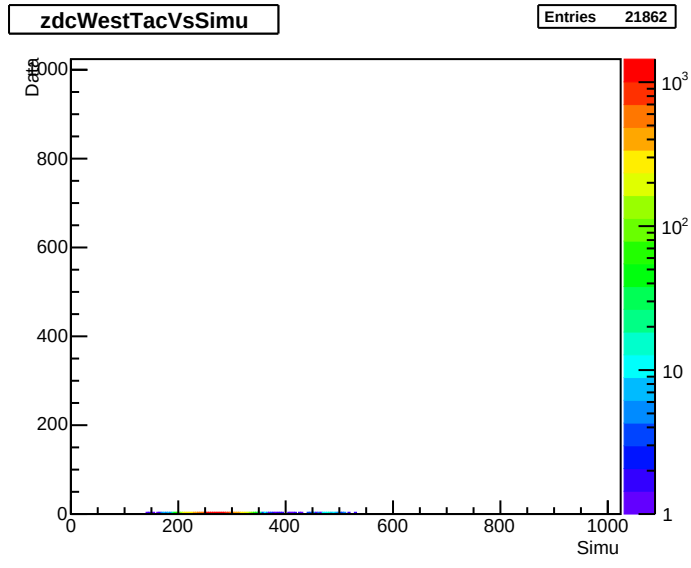

vpdWestTacSum
Entries 566208

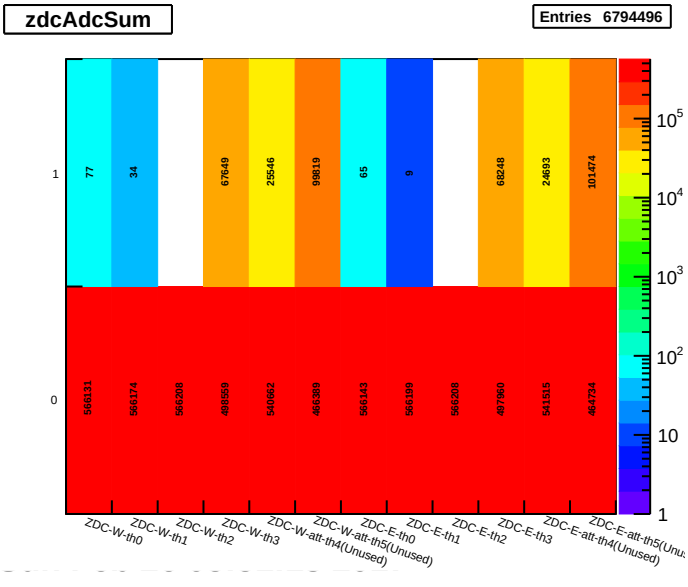

vpdWestTacSumVsSimu
Entries 407274
Data
Simu

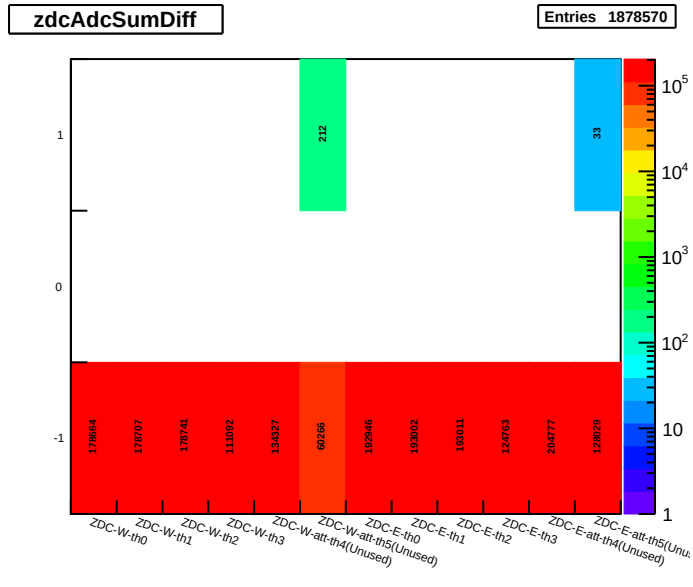

zdcEastTac
Entries 566208

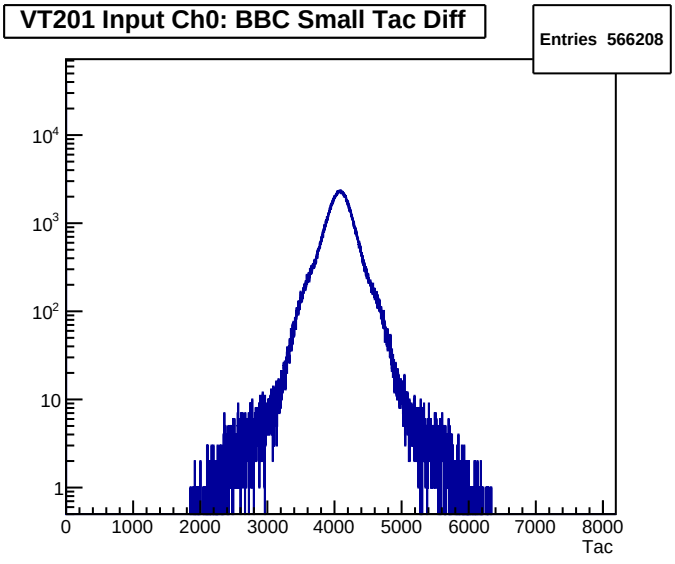

zdcEastTacVsSimu
Entries 25923
Data
Simu

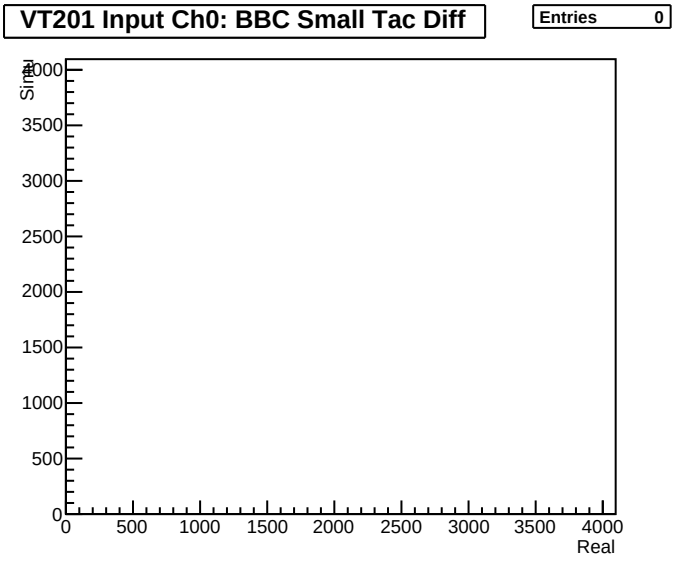

zdcWestTac
Entries 566208

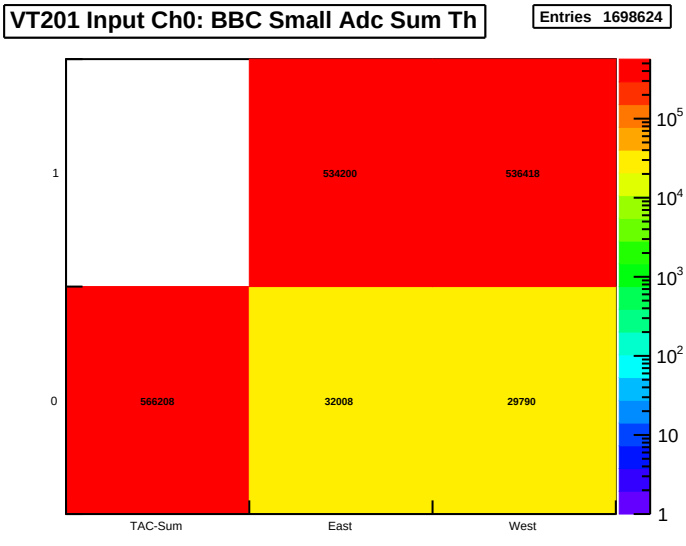

zdcWestTacVsSimu
Entries 21862
Data
Simu

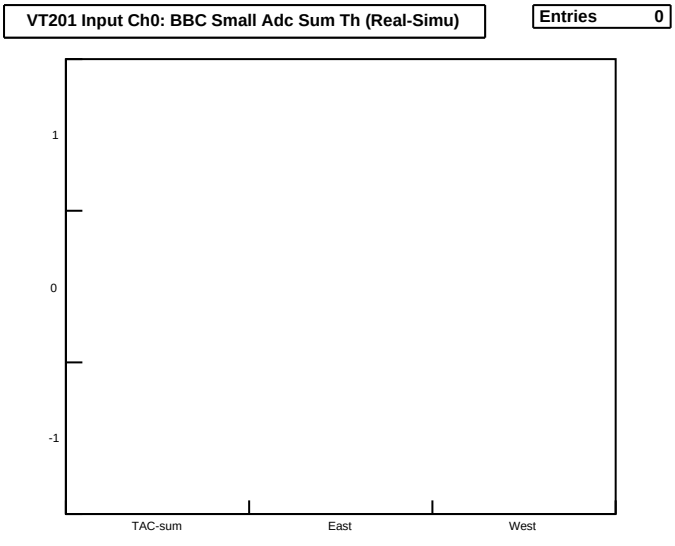

zdcAdcSum
Entries 6794496
77
34
67649
25546
99819
65
9
68248
24693
101474
566131
566174
566208
498550
540662
466389
566143
566199
566208
497860
541515
464734
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

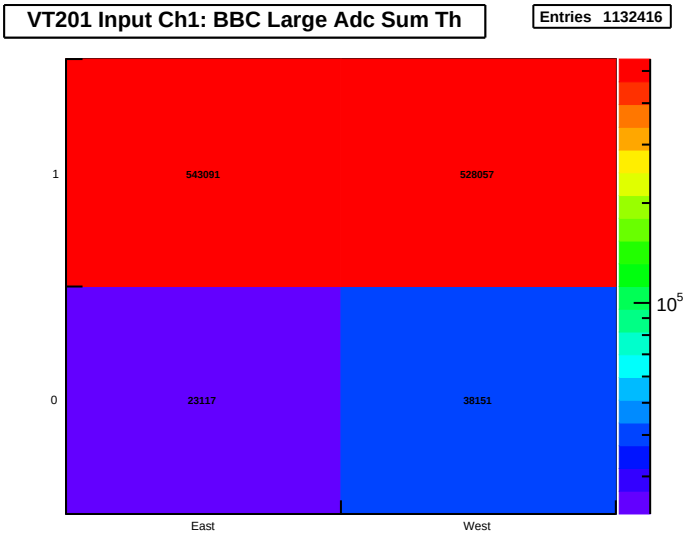

zdcAdcSumDiff
Entries 1878570
212
33
178664
178707
178741
111092
134327
60266
192946
193002
193011
124763
204777
128029
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

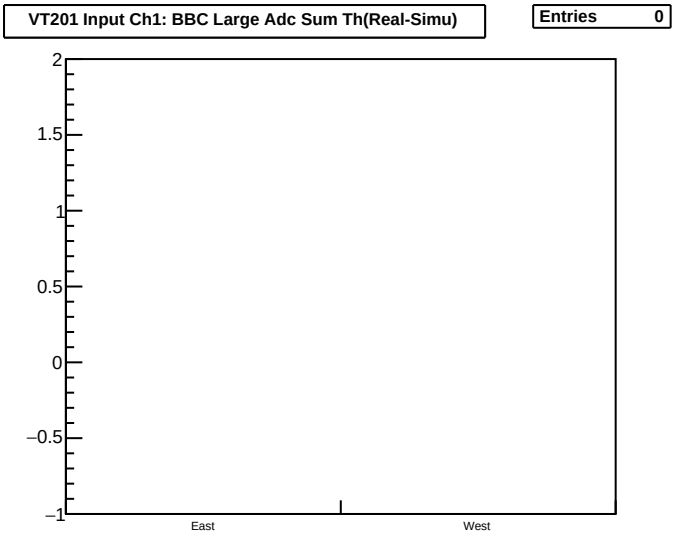

VT201 Input Ch0: BBC Small Tac Diff
Entries 566208
Tac


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

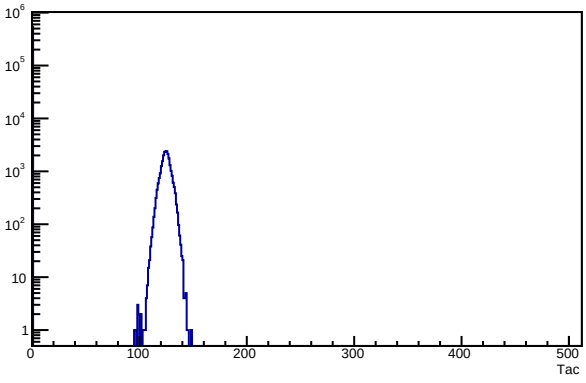

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1698624
534200
536418
566208
32008
29790
TAC-Sum
East
West


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

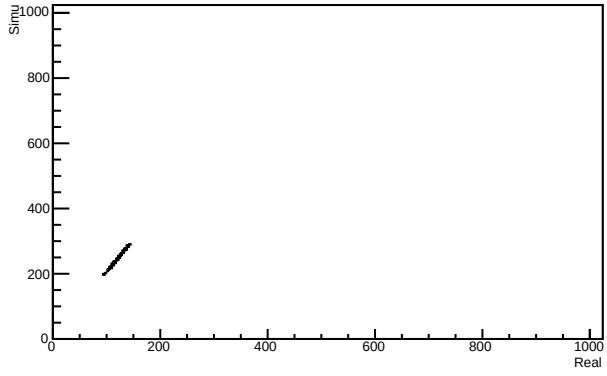

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1132416
543091
528057
23117
38151
East
West


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

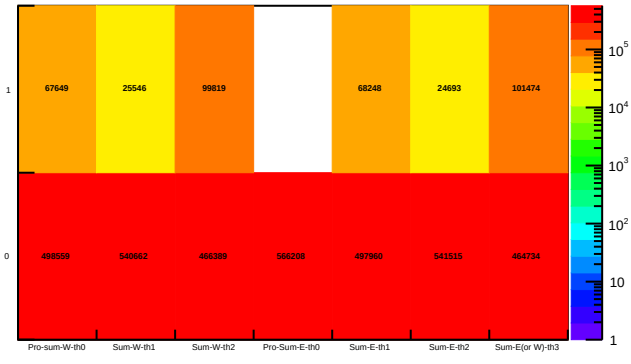
VT201 Input Ch2: ZDC Tac Diff



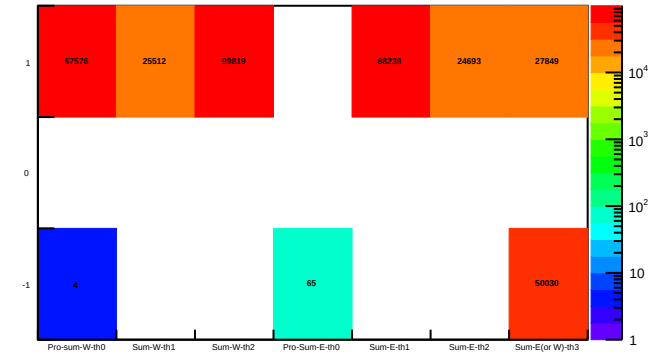
VT201 Input Ch2: ZDC Tac Diff



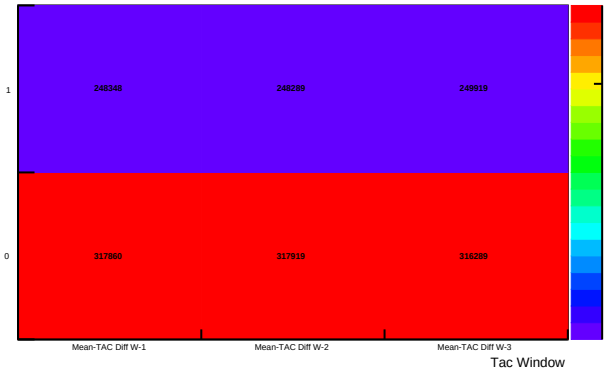
VT201 Input Ch2: ZDC Adc Sum Th



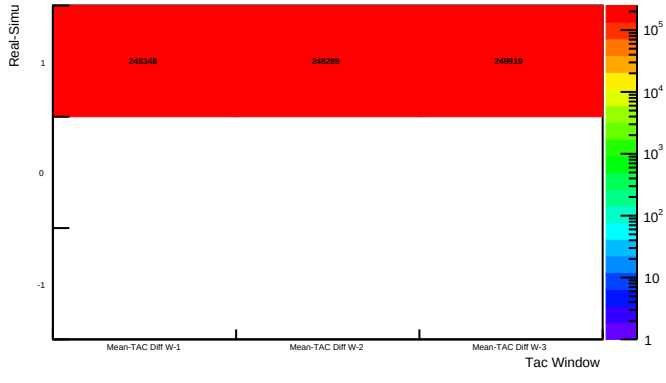
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



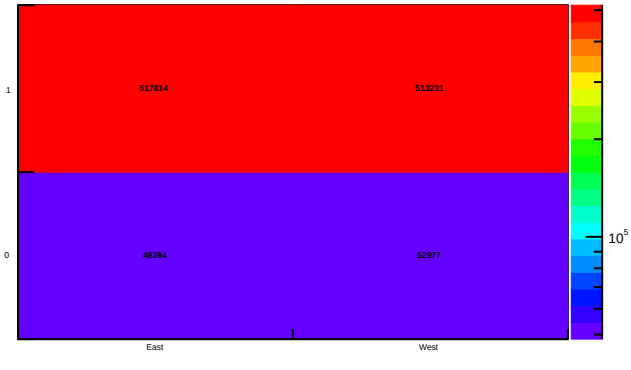
VT201 Input Ch4: VPD Tac Diff



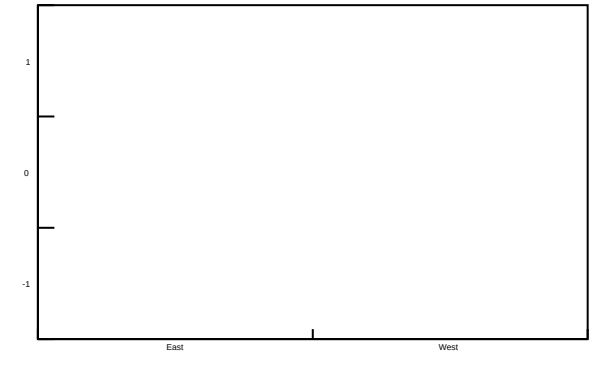
VT201 Input Ch4: VPD Tac Diff

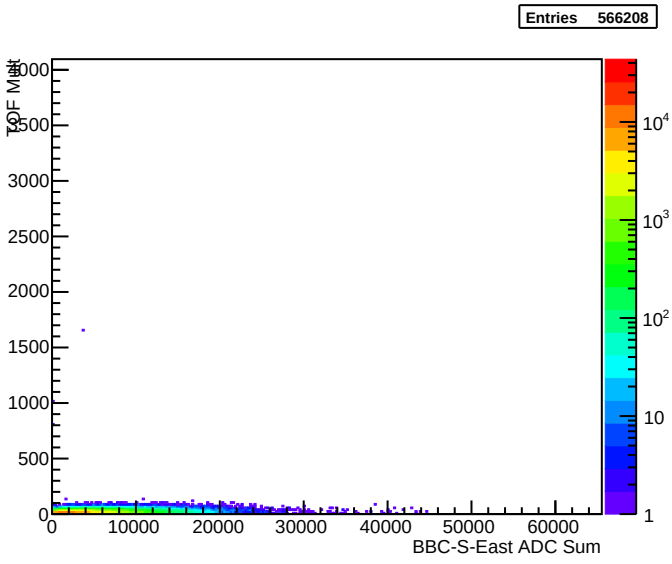


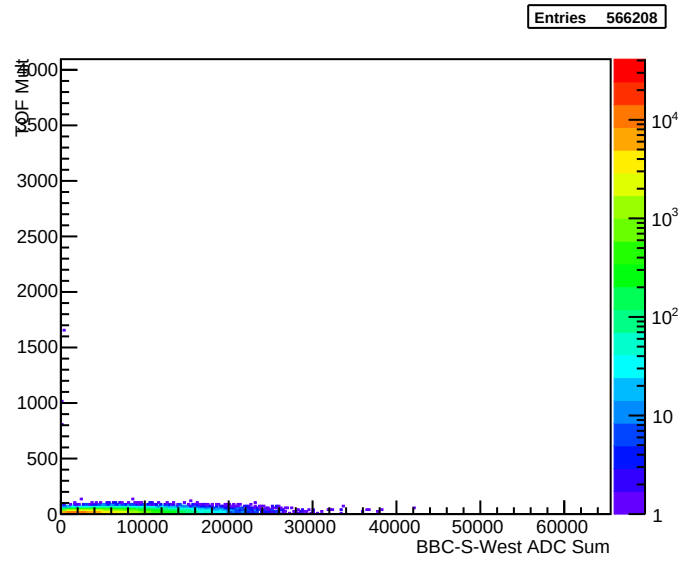
VT201 Input Ch4: VPD Adc Sum Th

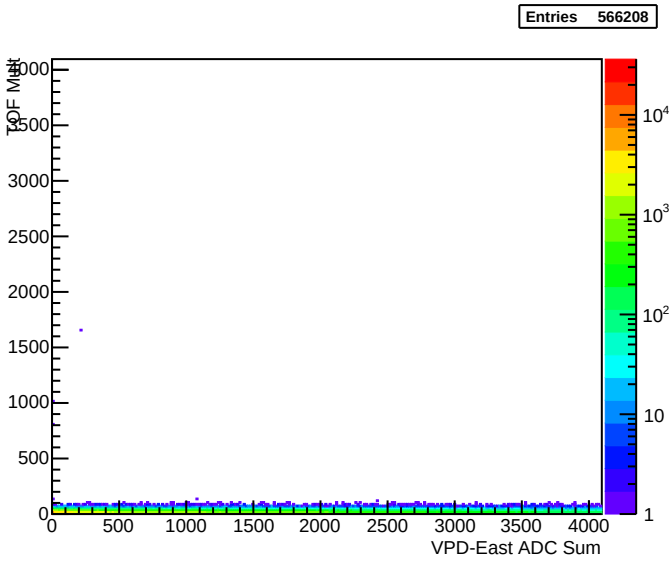


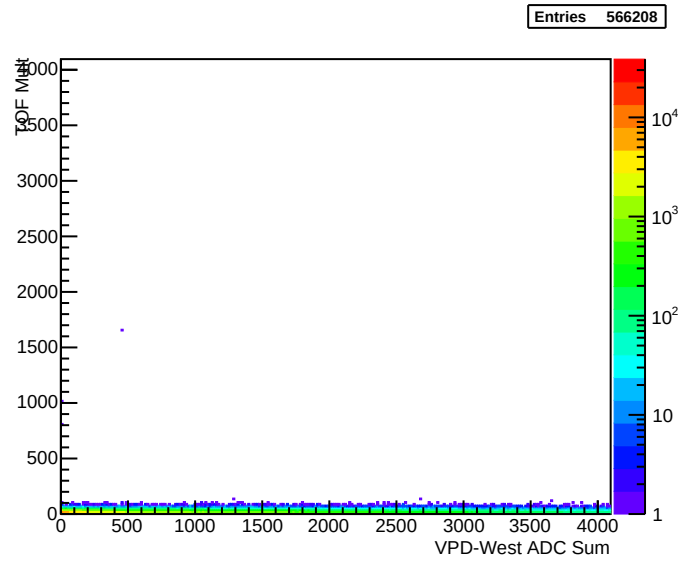
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

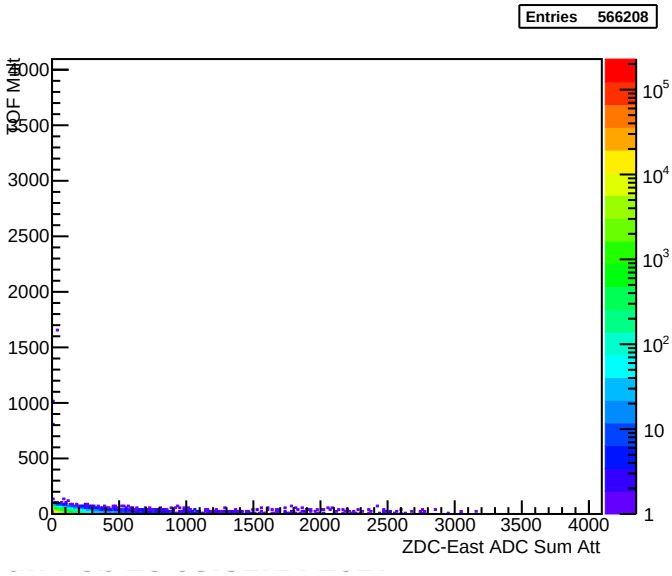


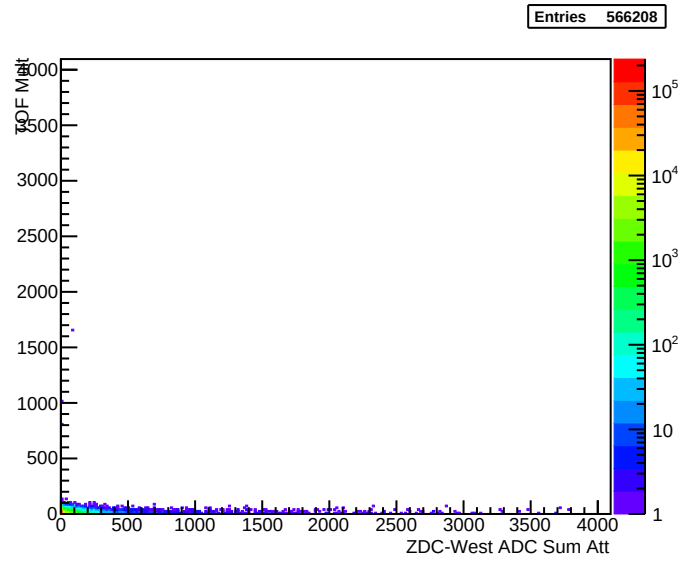

Entries 566208
TOF Mult
BBC-S-East ADC Sum

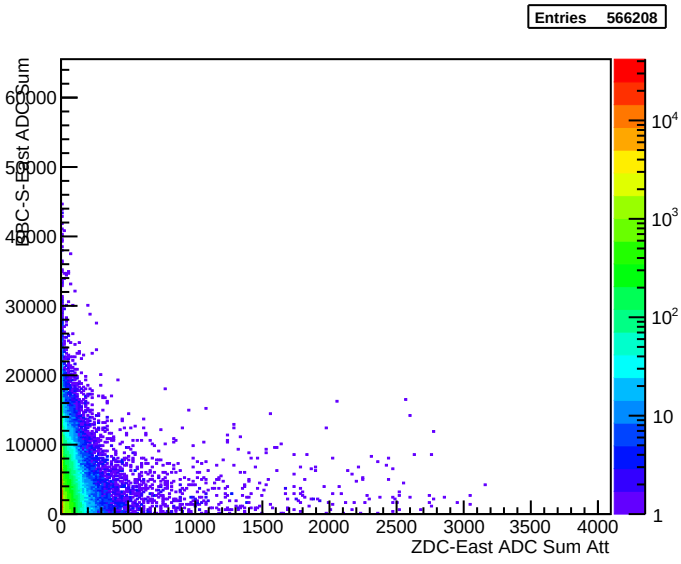

Entries 566208
TOF Mult
BBC-S-West ADC Sum

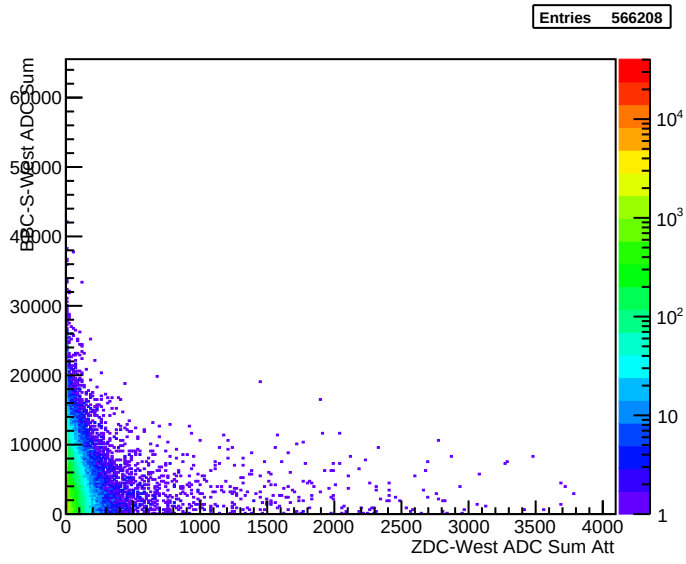

Entries 566208
TOF Mult
VPD-East ADC Sum

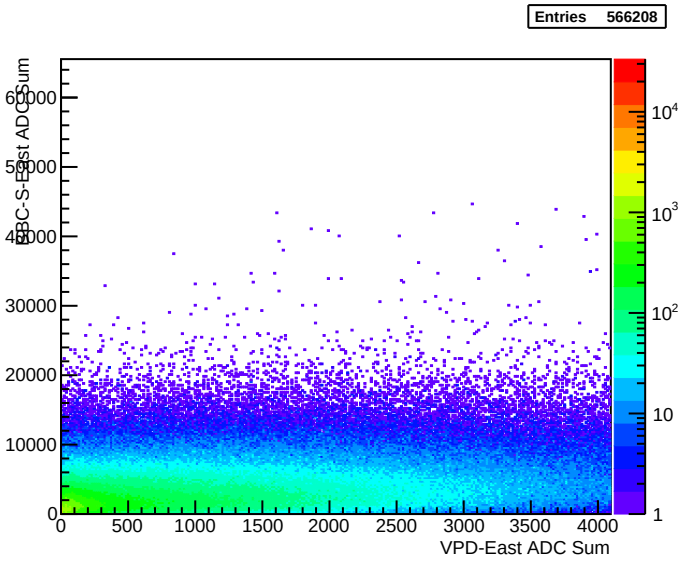

Entries 566208
TOF Mult
VPD-West ADC Sum

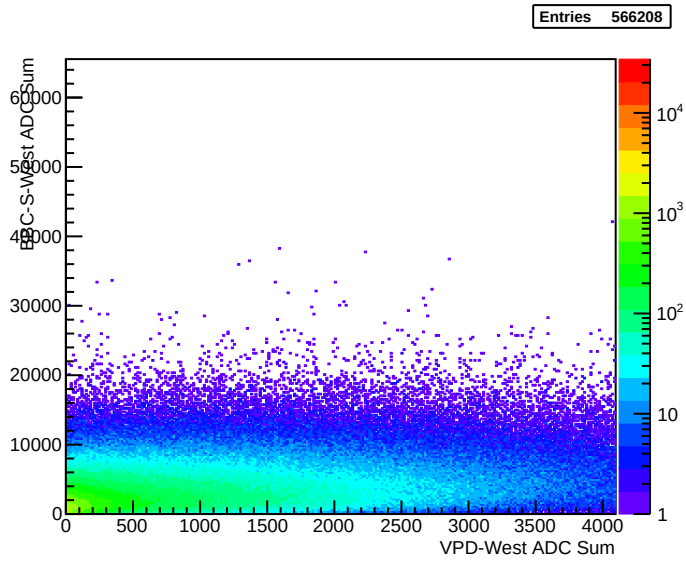

Entries 566208
TOF Mult
ZDC-East ADC Sum Att

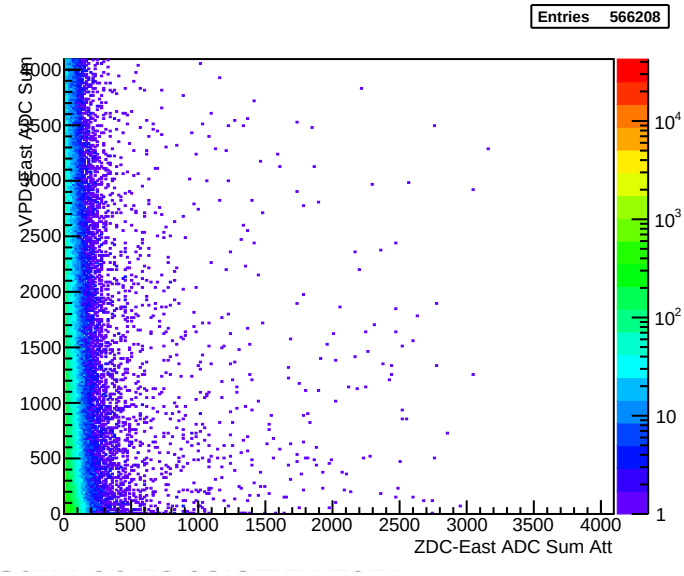

Entries 566208
TOF Mult
ZDC-West ADC Sum Att

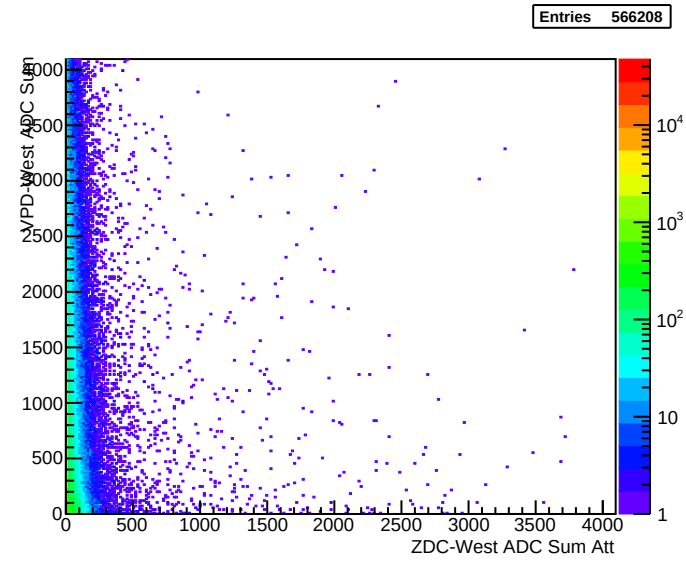

Entries 566208
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

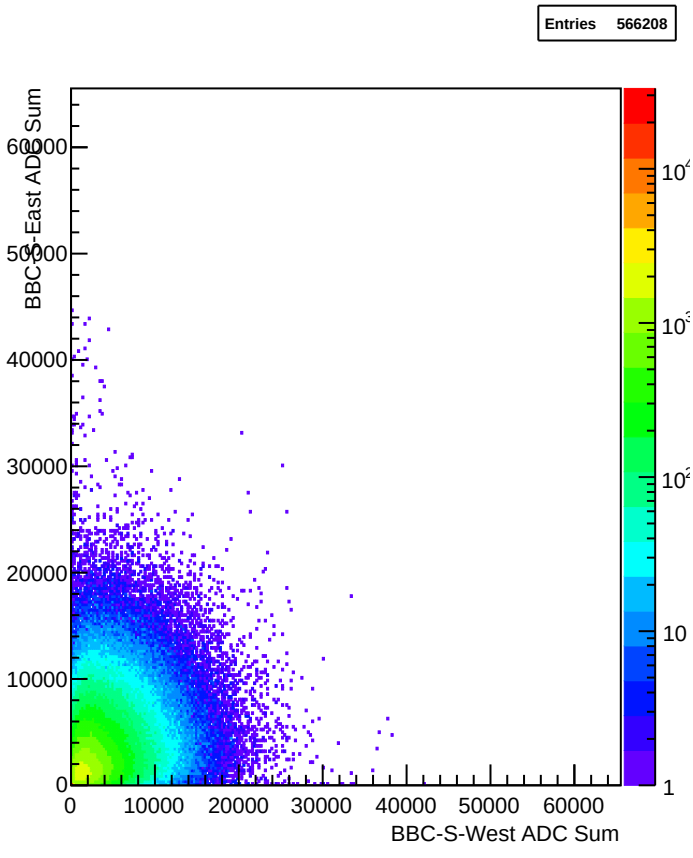

Entries 566208
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

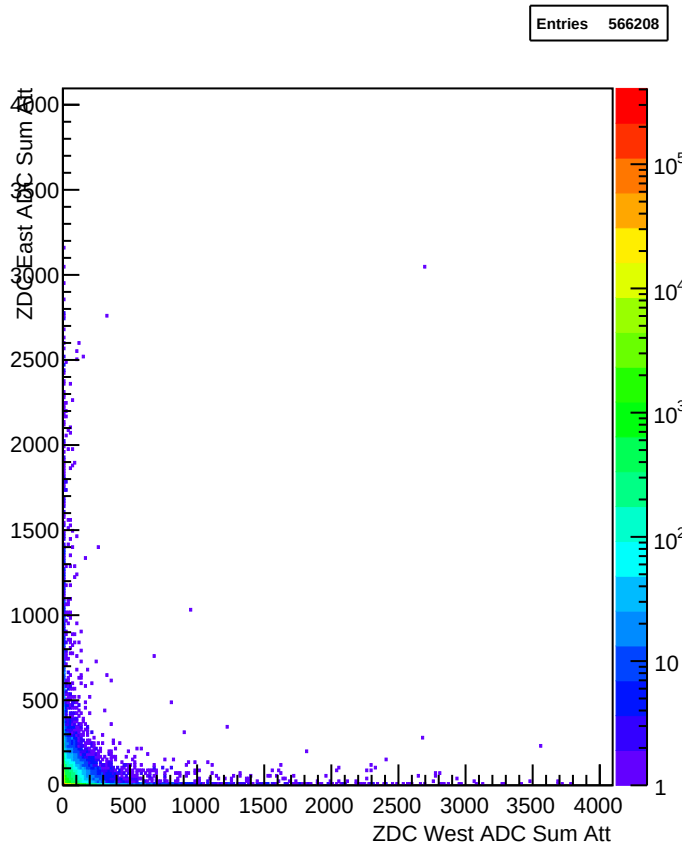

Entries 566208
BBC-S-East ADC Sum
VPD-East ADC Sum

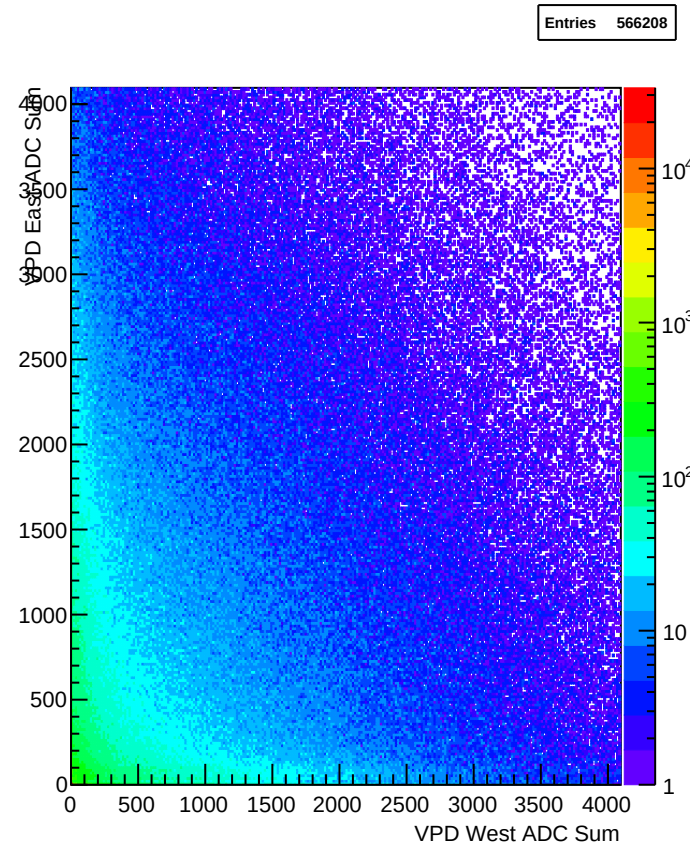

Entries 566208
BBC-S-West ADC Sum
VPD-West ADC Sum

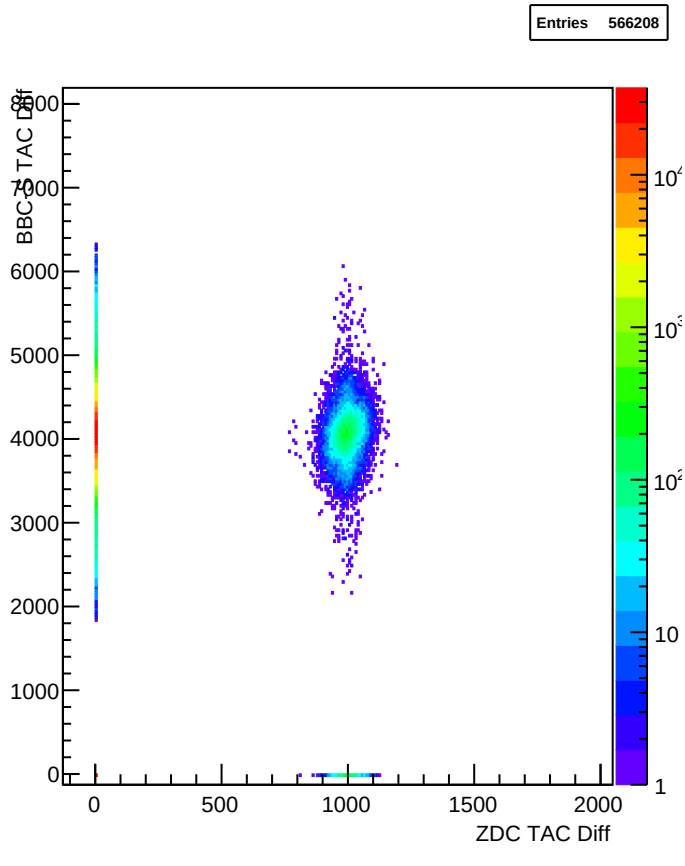

Entries 566208
VPD-East ADC Sum
ZDC-East ADC Sum Att

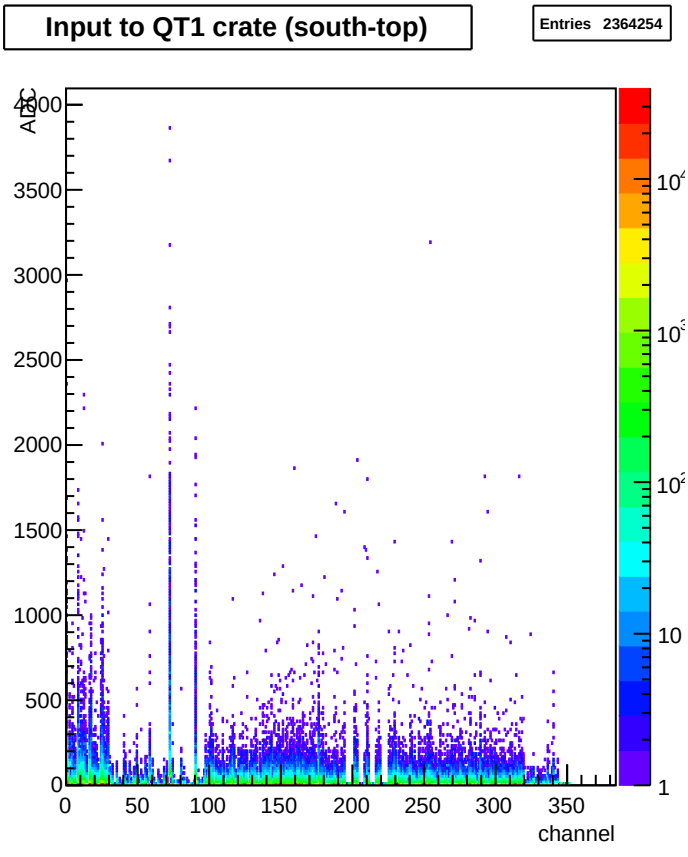

Entries 566208
VPD-West ADC Sum
ZDC-West ADC Sum Att

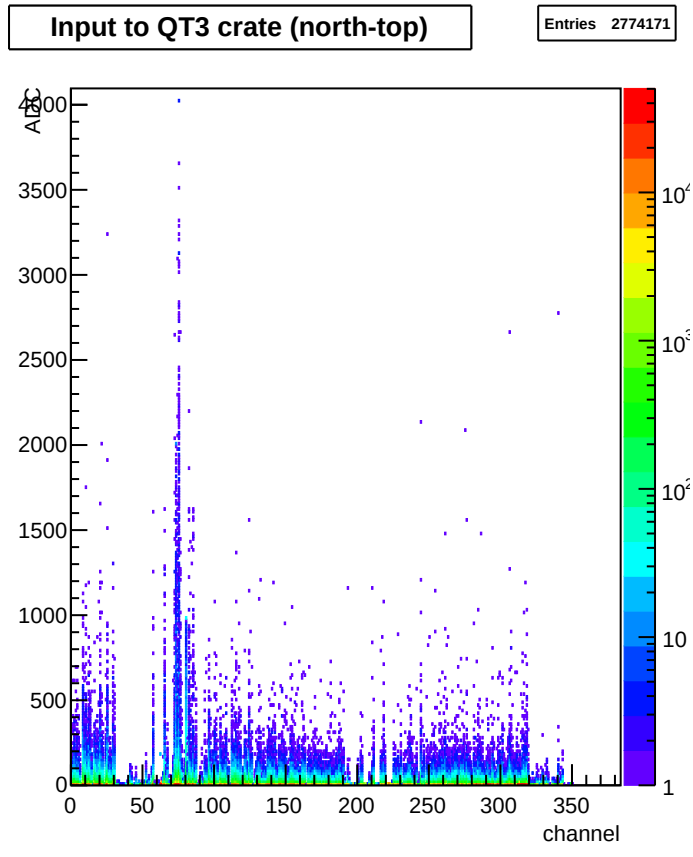

Entries 566208
BBC-S-East ADC Sum
BBC-S-West ADC Sum

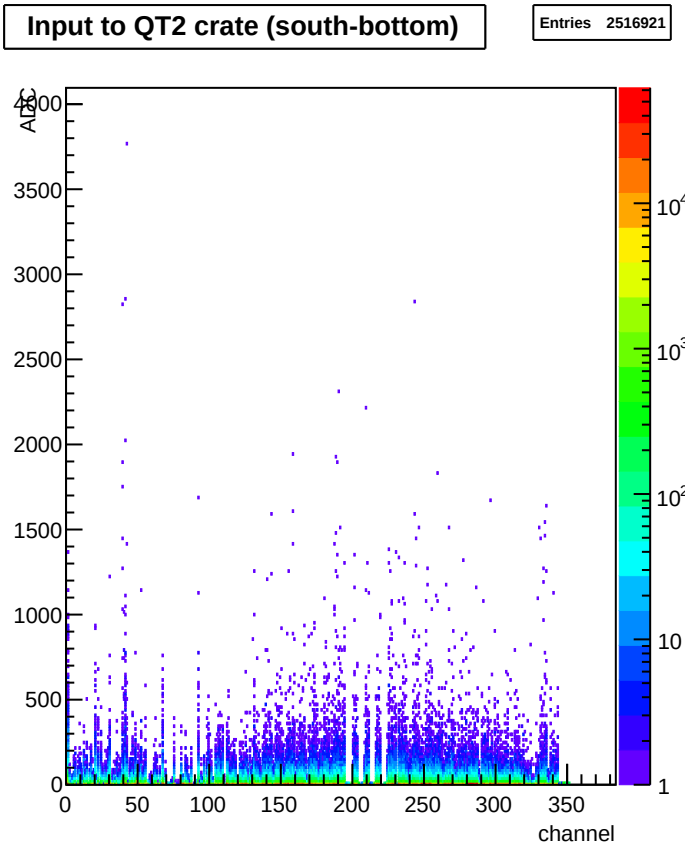

Entries 566208
ZDC East ADC Sum Att
ZDC West ADC Sum Att

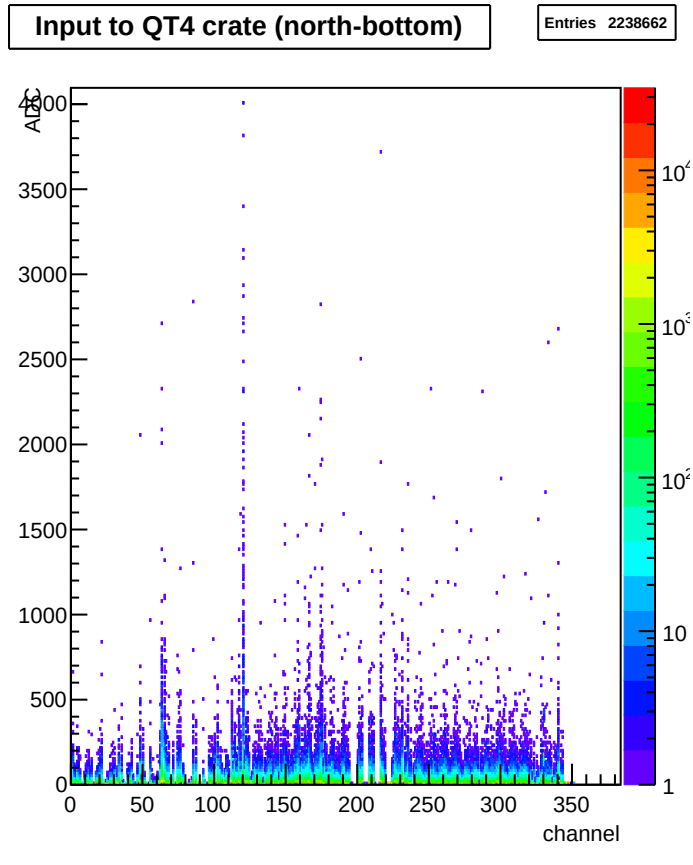

Entries 566208
VPD East ADC Sum
VPD West ADC Sum

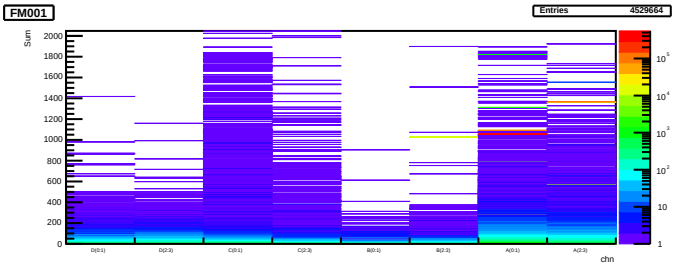

Entries 566208
BBC-S TAC Diff
ZDC TAC Diff

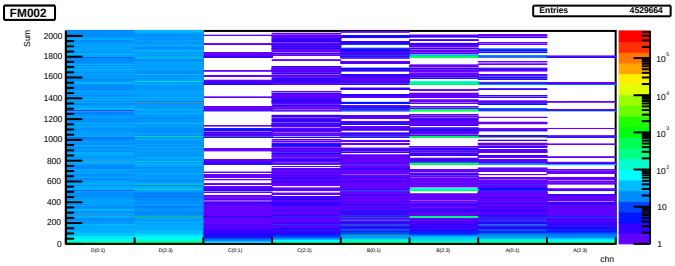

Input to QT1 crate (south-top)
Entries 2364254
ADC
channel

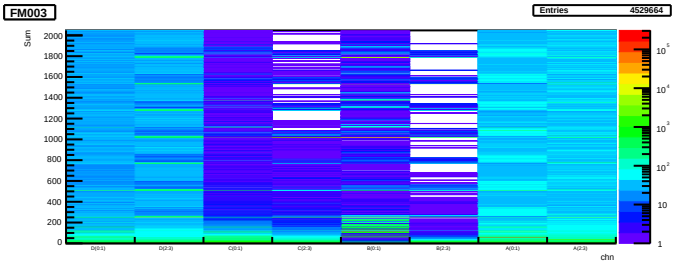

Input to QT3 crate (north-top)
Entries 2774171
ADC
channel

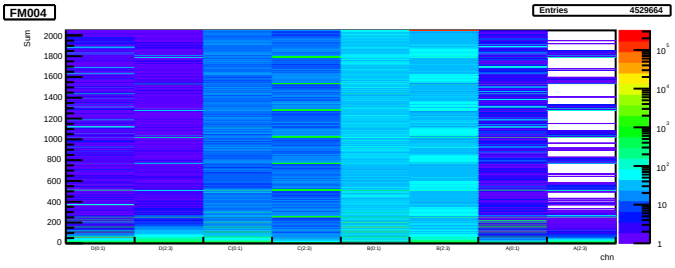

Input to QT2 crate (south-bottom)
Entries 2516921
ADC
channel

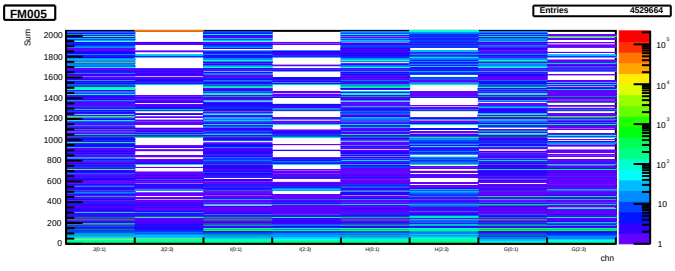

Input to QT4 crate (north-bottom)
Entries 2238662
ADC
channel

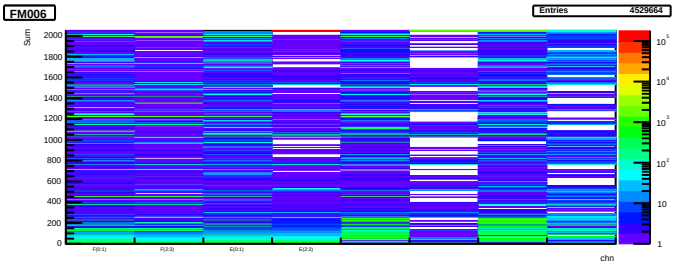

FM001
Entries 4529664
Sum
chn

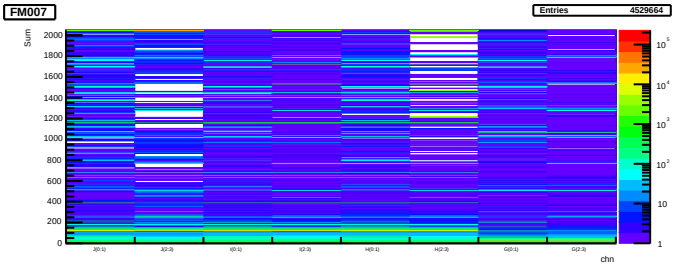

FM002
Entries 4529664
Sum
chn

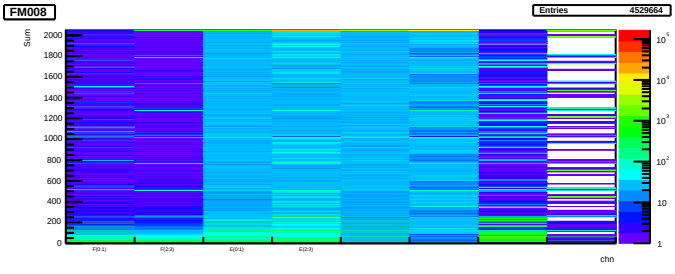

FM003
Entries 4529664
Sum
chn

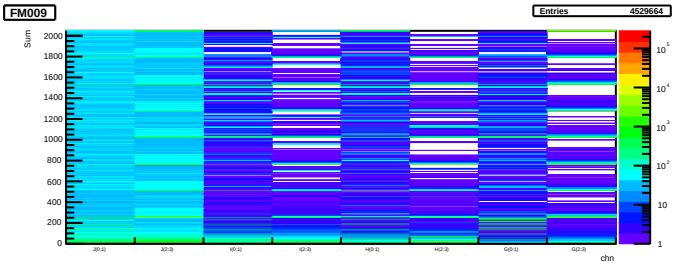

FM004
Entries 4529664
Sum
chn

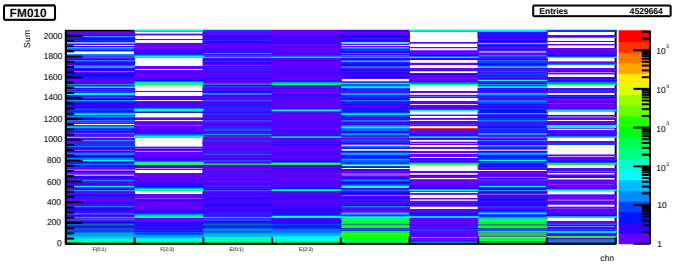

FM005
Entries 4529664
Sum
chn

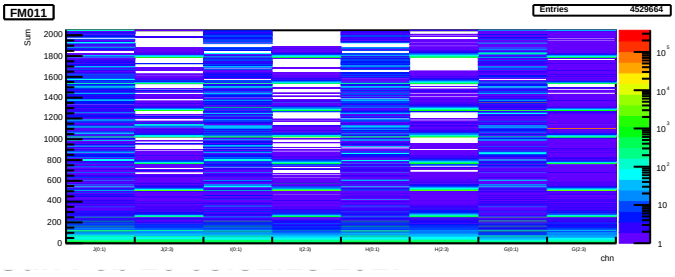

FM006
Entries 4529664
Sum
chn

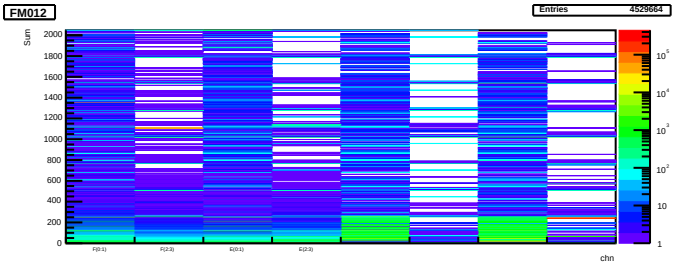

FM007
Entries 4529664
Sum
chn

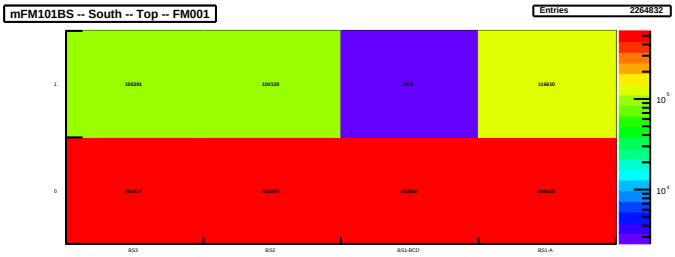

FM008
Entries 4529664
Sum
chn


FM009
Entries 4529664
Sum
chn


FM010
Entries 4529664
Sum
chn


FM011
Entries 4529664
Sum
chn


FM012
Entries 4529664
Sum
chn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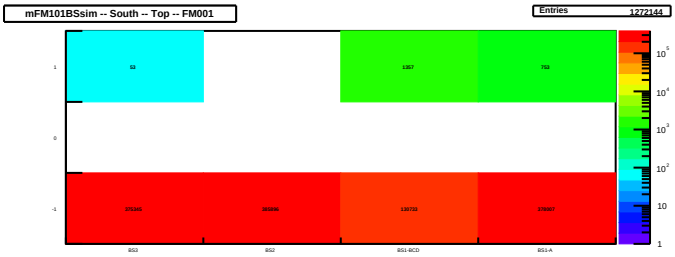
Entries 2264832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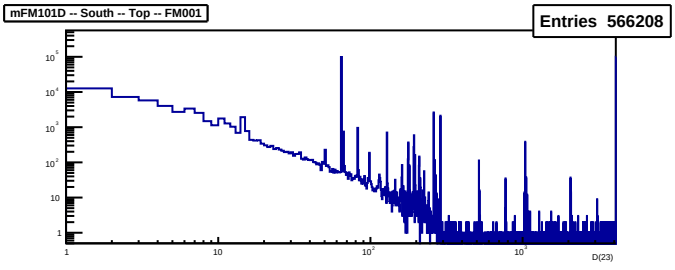
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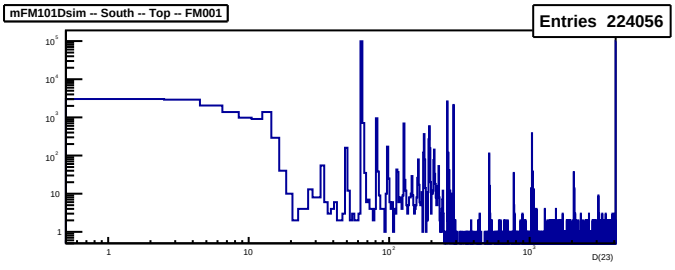
D(23)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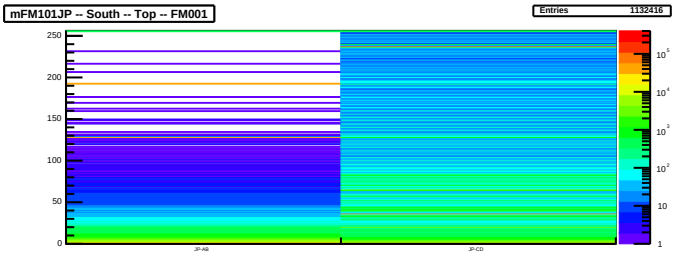
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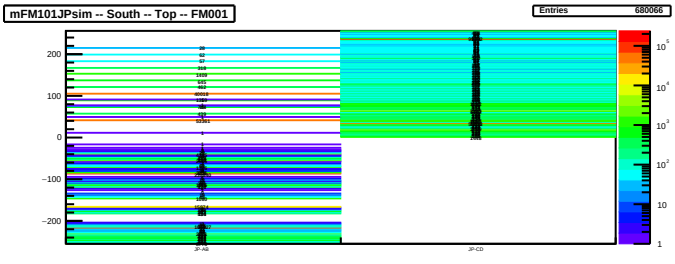
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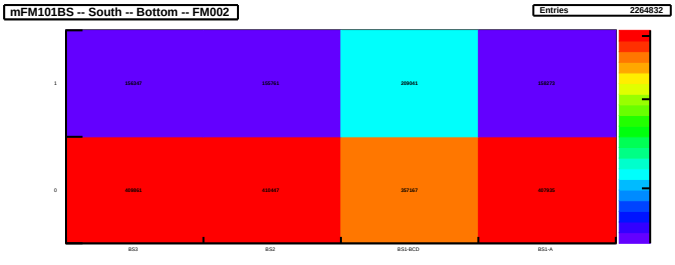
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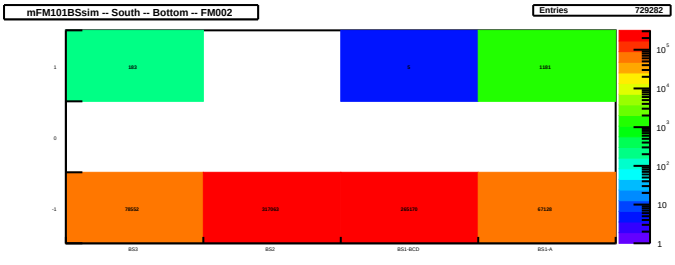
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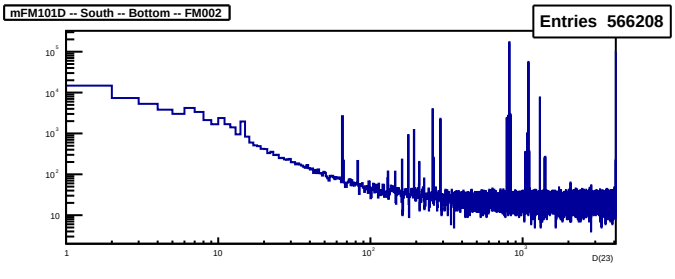
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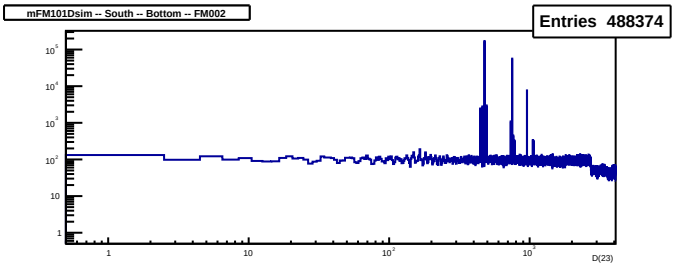
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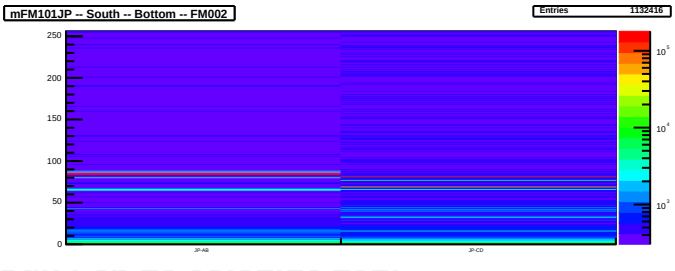
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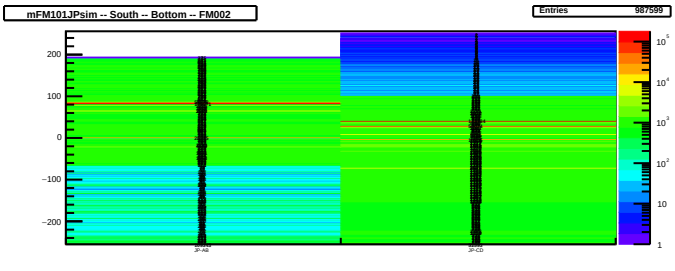
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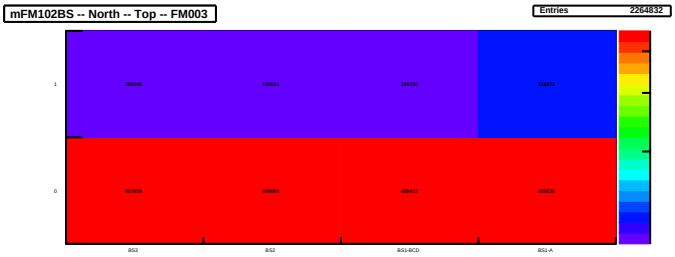
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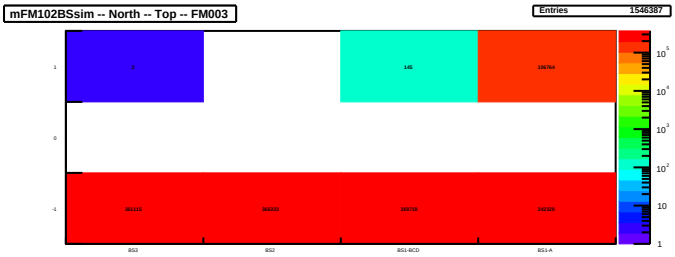
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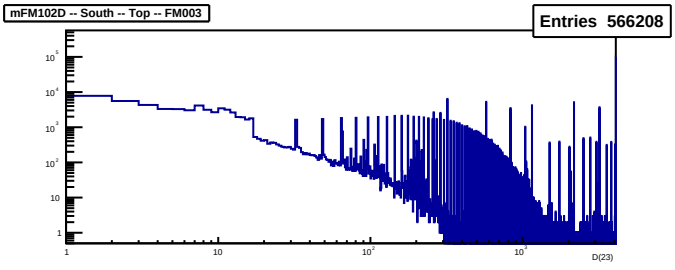
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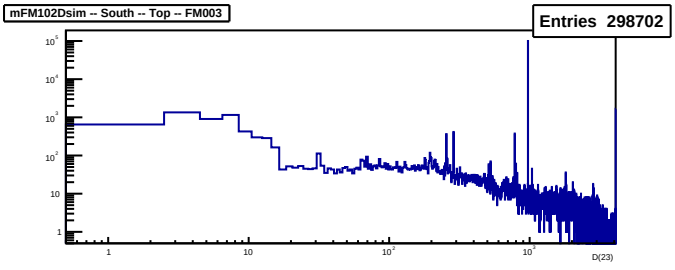
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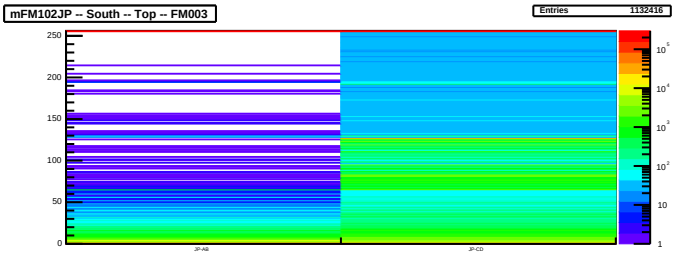
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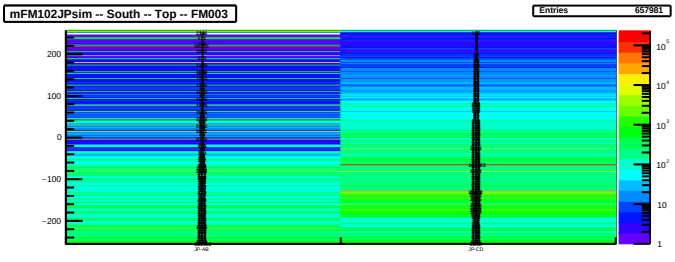
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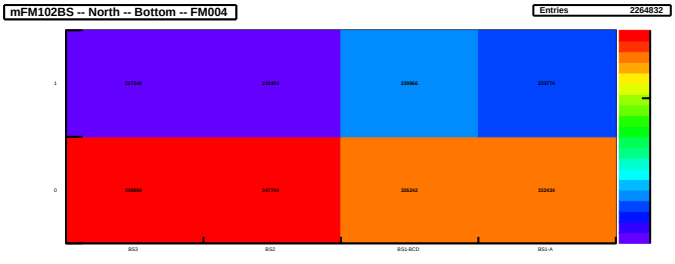
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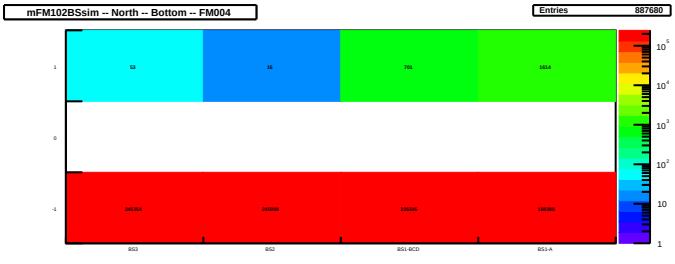
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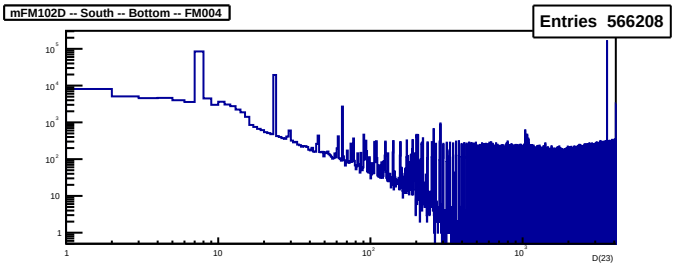
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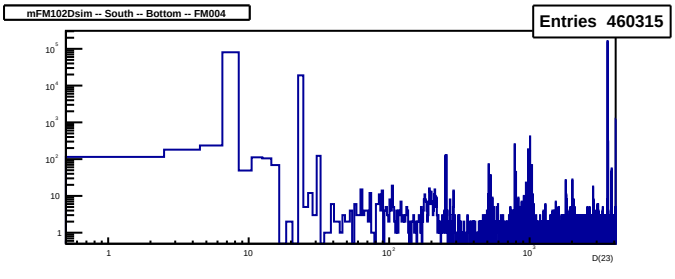
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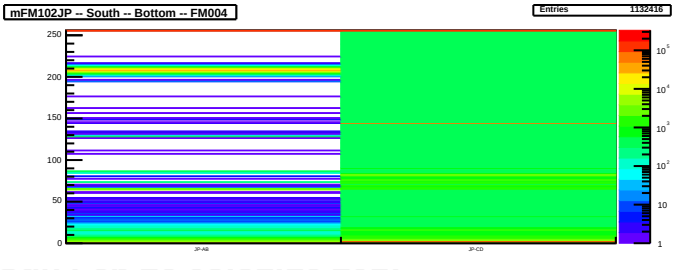
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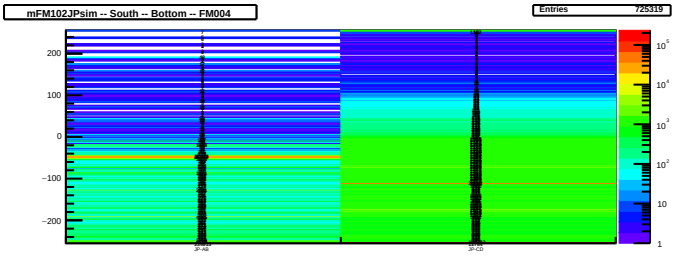
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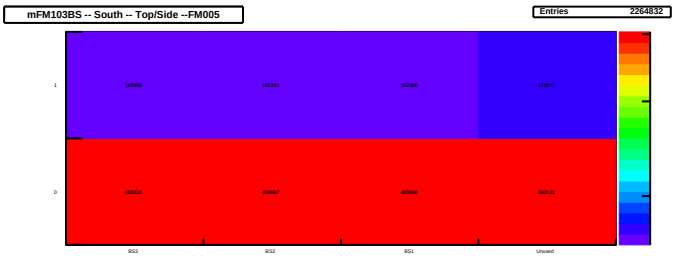
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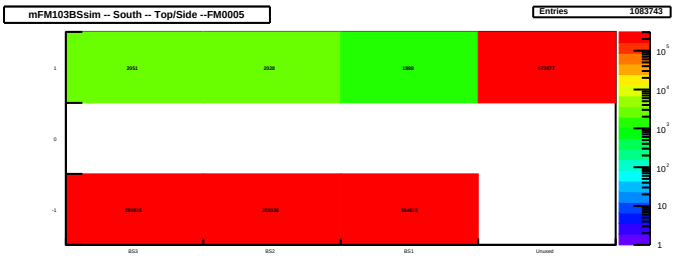
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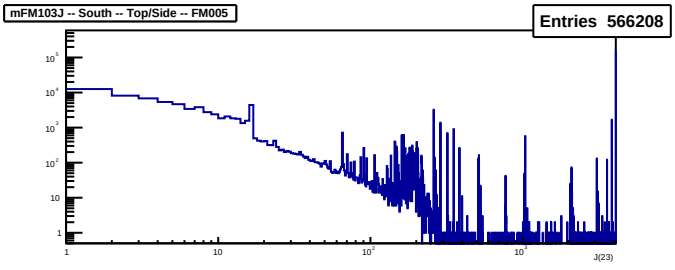
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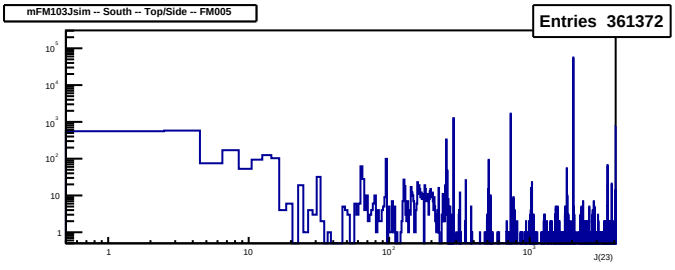
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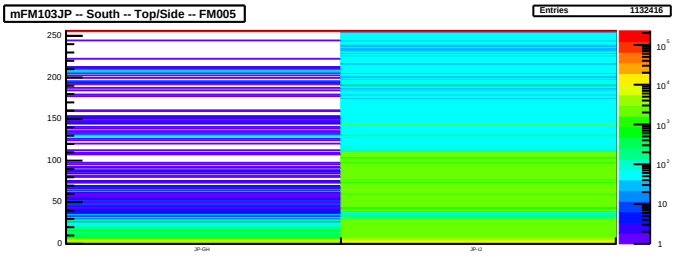
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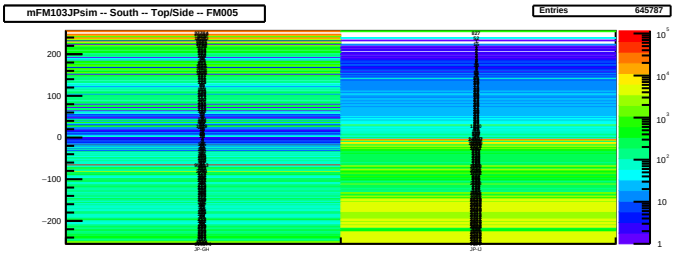
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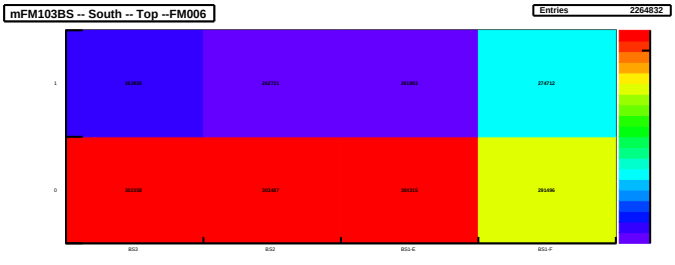
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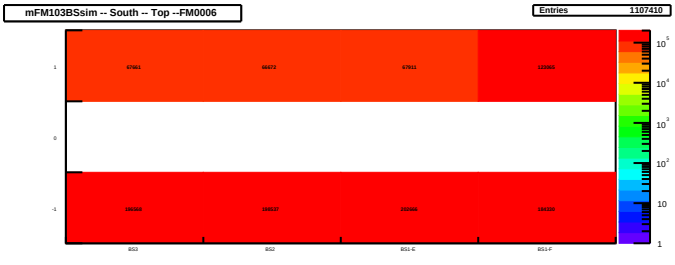
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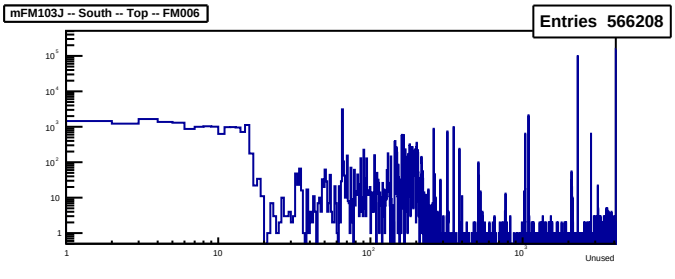
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Entries 566208
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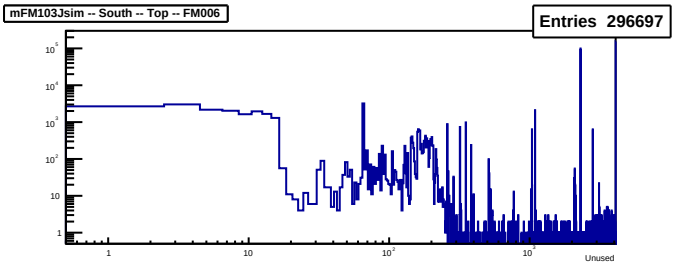
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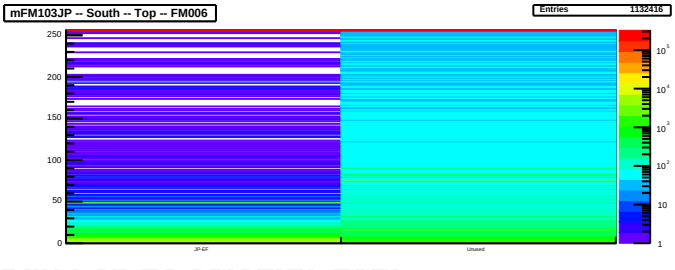
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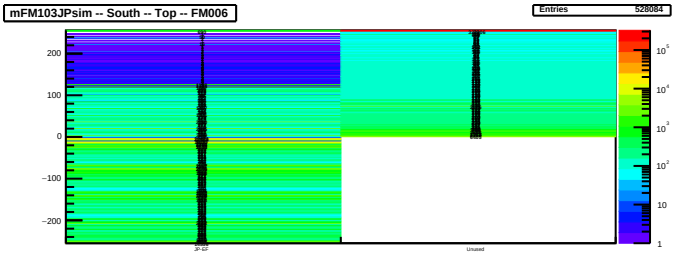
Entries 1132416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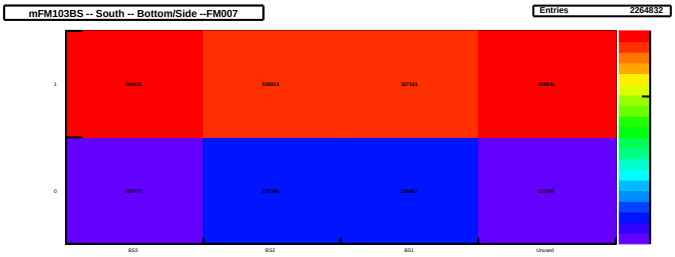
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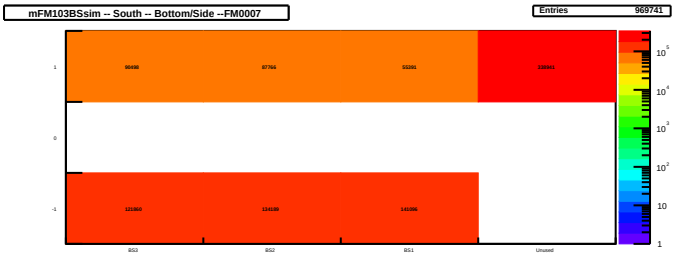
Entries 2264832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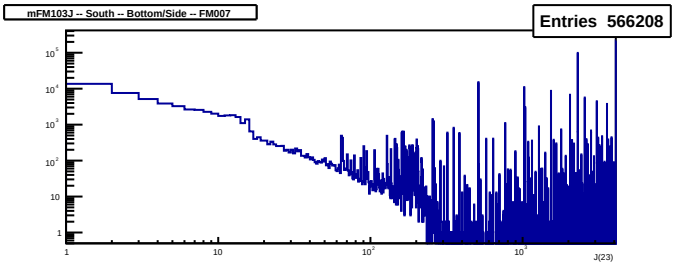
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Entries 566208
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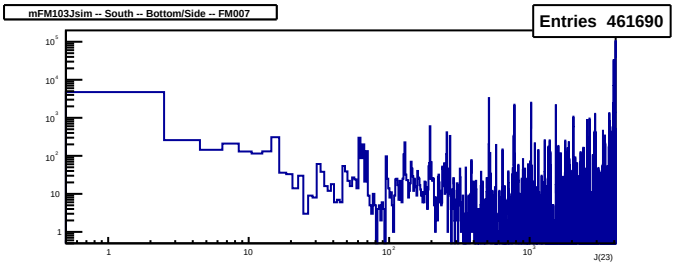
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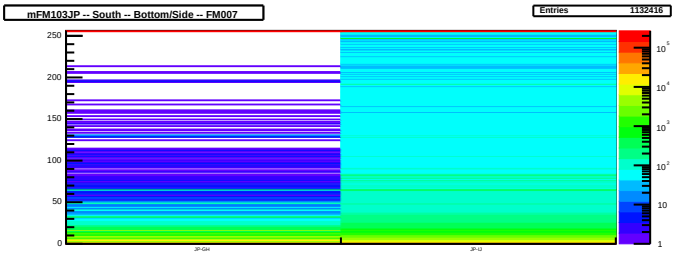
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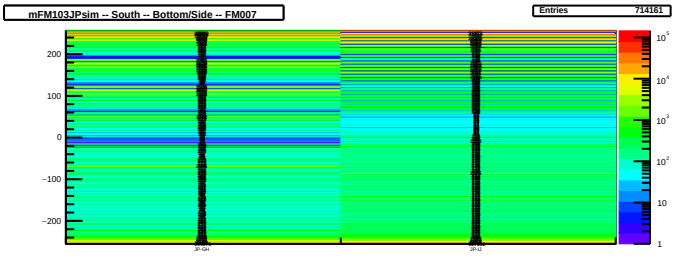
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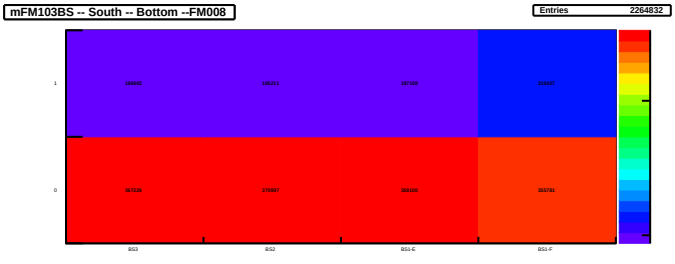
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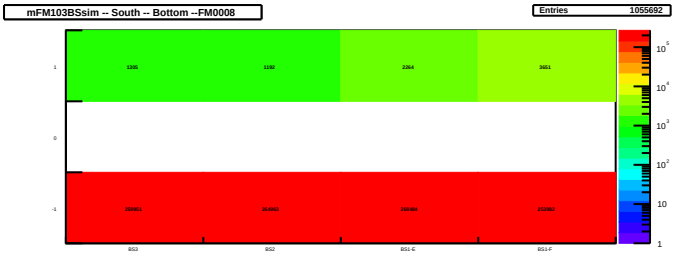
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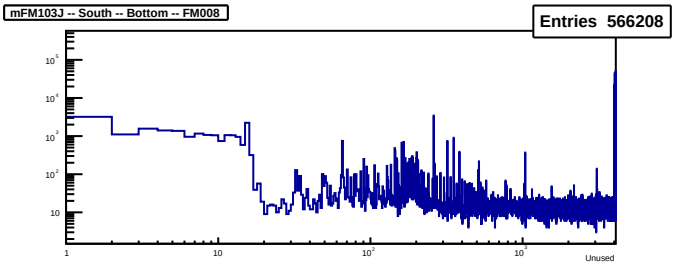
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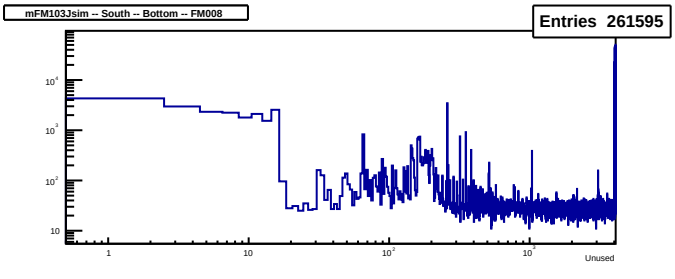
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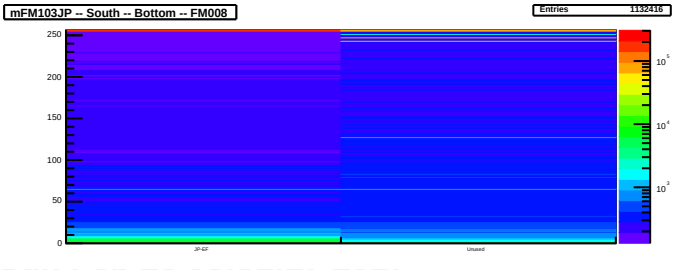
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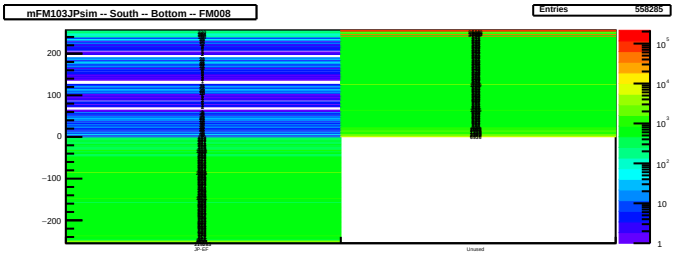
Entries 1132416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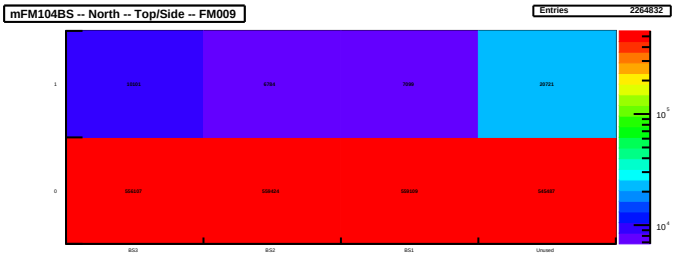
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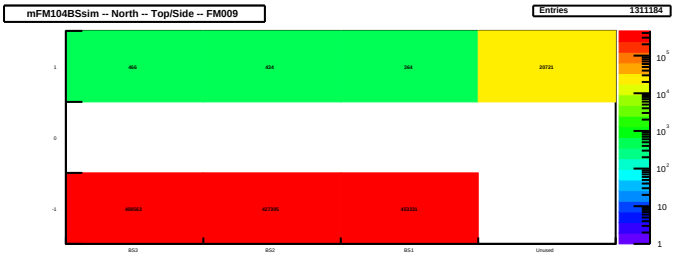
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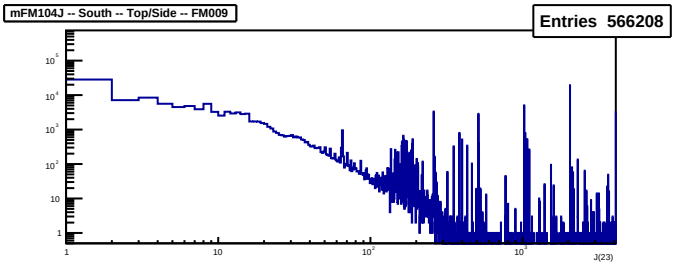
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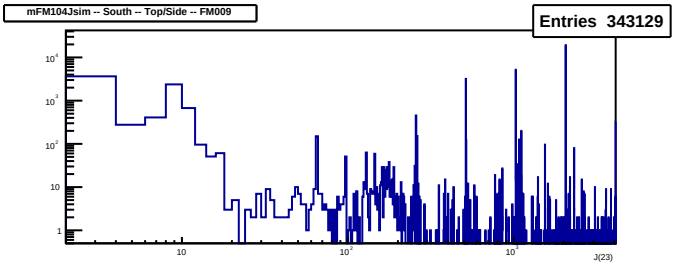
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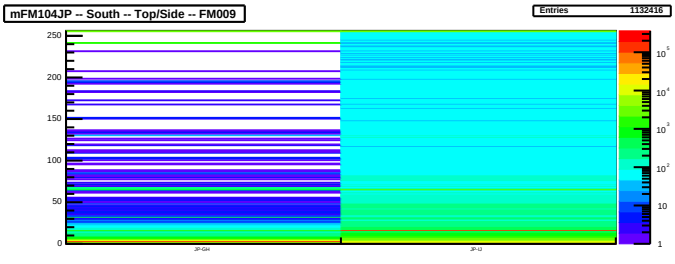
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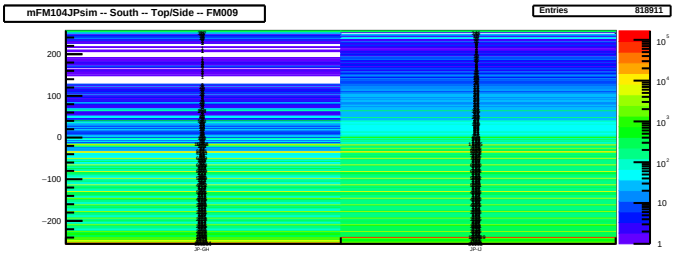
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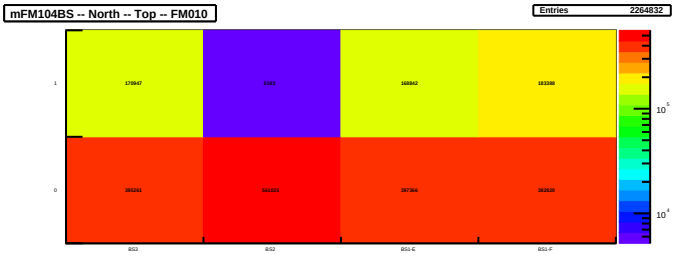
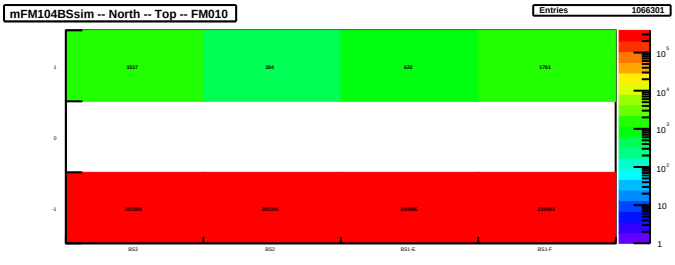
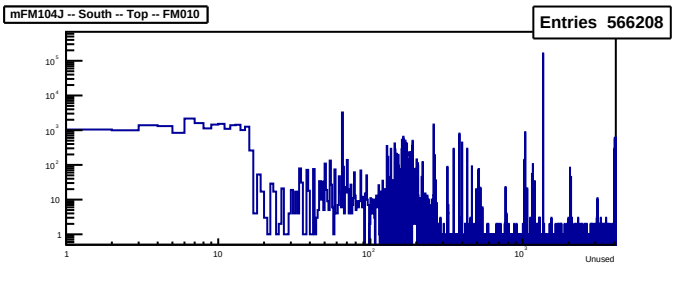
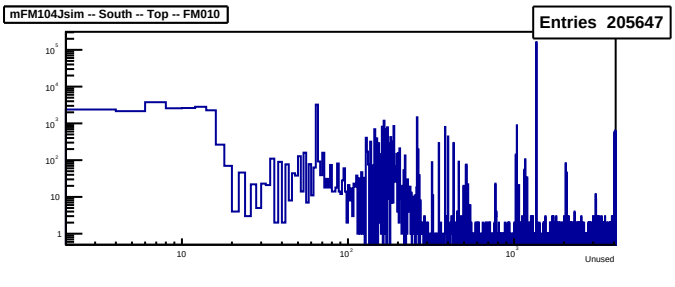
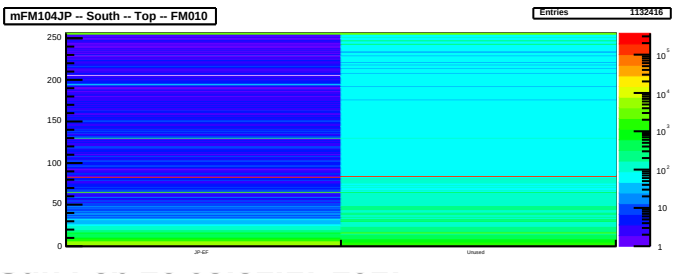
Entries 818911

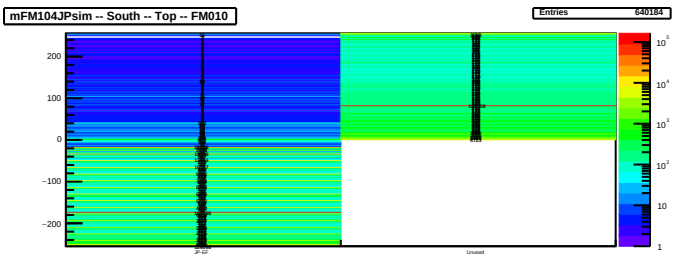

mFM104BS -- North -- Top -- FM010
Entries 2264832

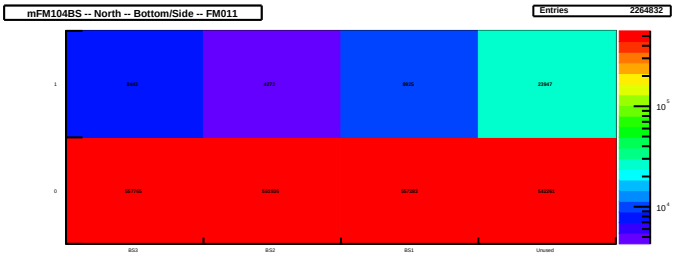

mFM104BSsim -- North -- Top -- FM010
Entries 1066301

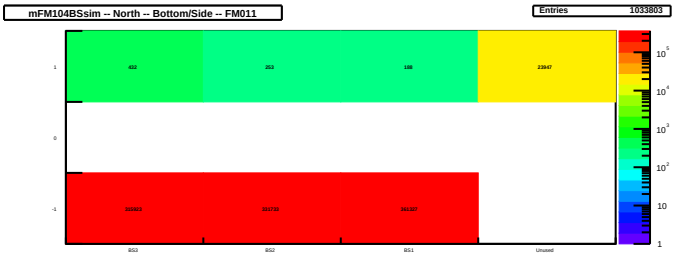

mFM104J -- South -- Top -- FM010
Entries 566208
Unused

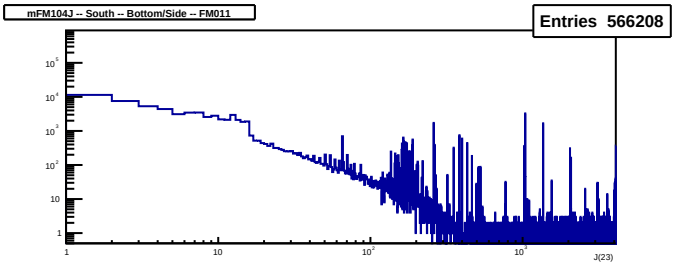

mFM104Jsim -- South -- Top -- FM010
Entries 205647
Unused

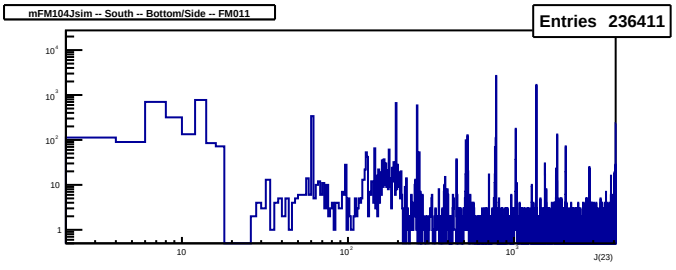

mFM104JP -- South -- Top -- FM010
Entries 1132416

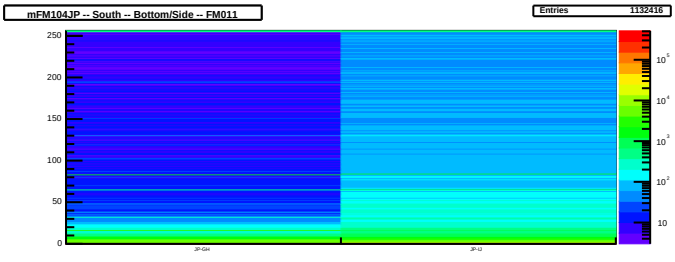

mFM104JPsim -- South -- Top -- FM010
Entries 640184

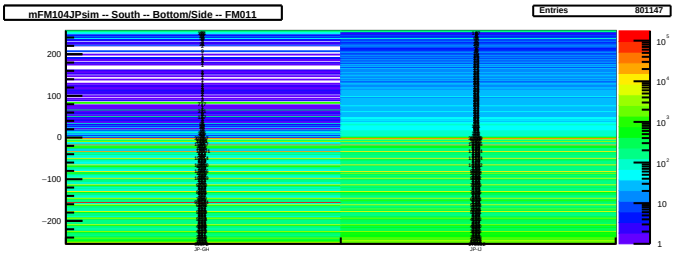

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2264832

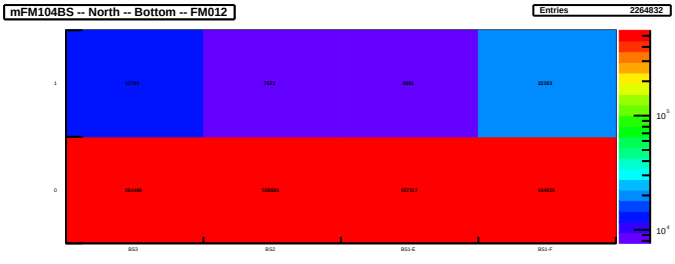

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1033803

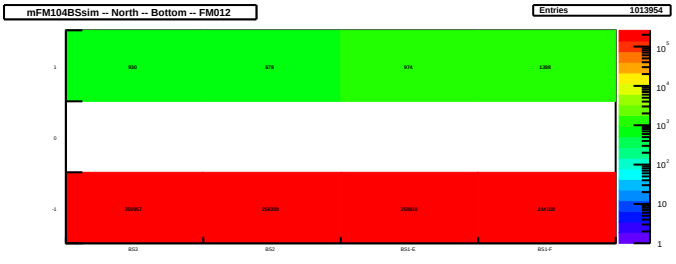

mFM104J -- South -- Bottom/Side -- FM011
Entries 566208
J(23)

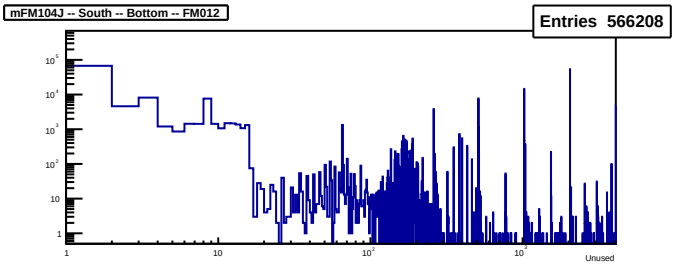

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 236411
J(23)

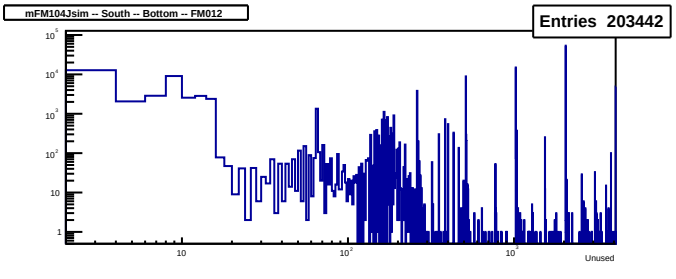

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1132416

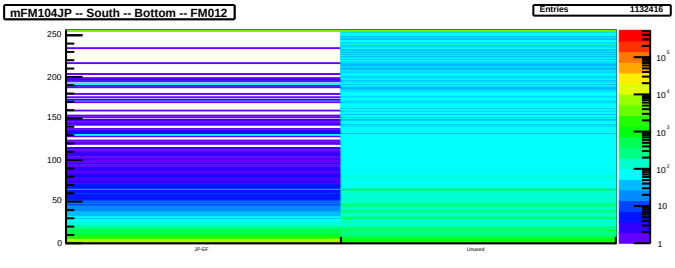

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 801147

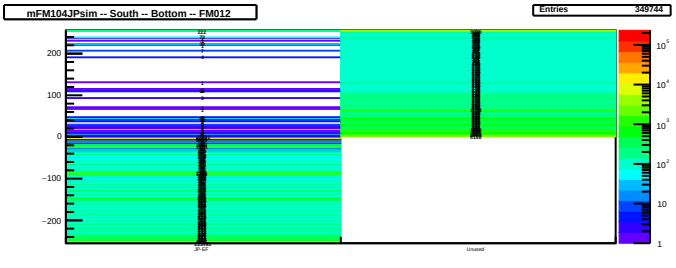

mFM104BS -- North -- Bottom -- FM012
Entries 2264832

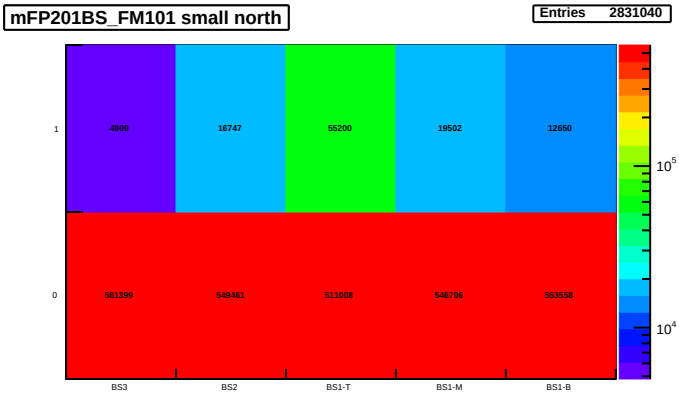

mFM104BSsim -- North -- Bottom -- FM012
Entries 1013954

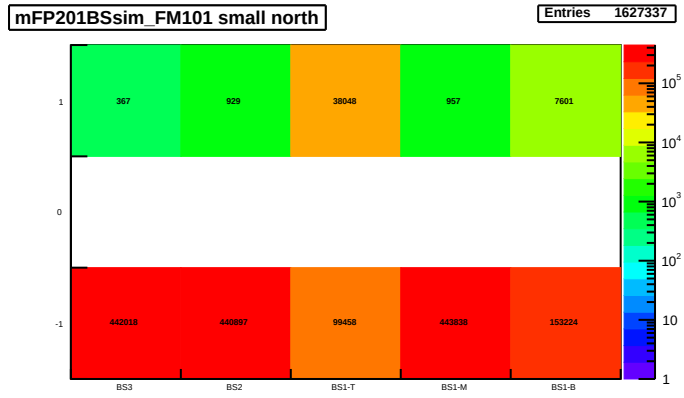

mFM104J -- South -- Bottom -- FM012
Entries 566208
Unused

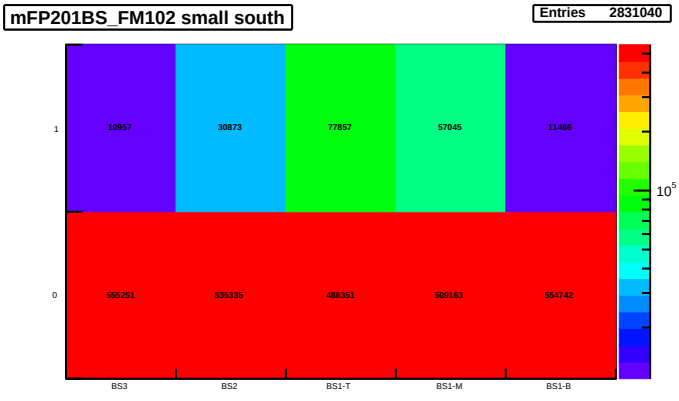

mFM104Jsim -- South -- Bottom -- FM012
Entries 203442
Unused

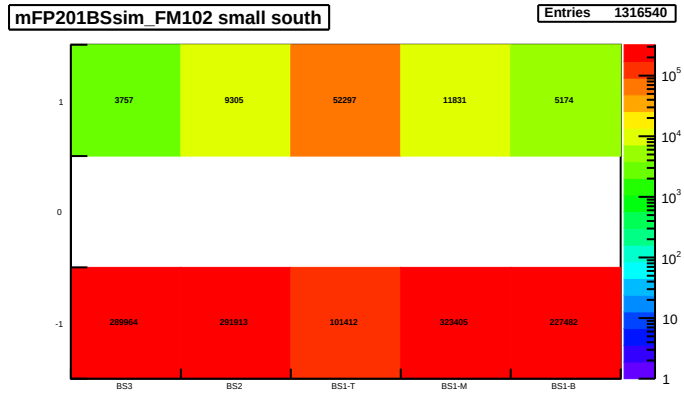

mFM104JP -- South -- Bottom -- FM012
Entries 1132416

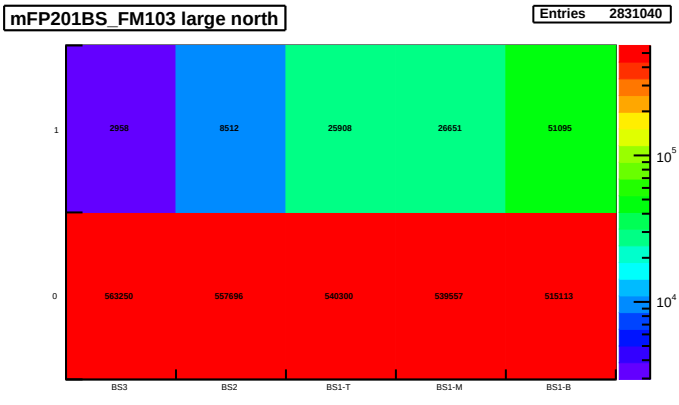

mFM104JPsim -- South -- Bottom -- FM012
Entries 349744

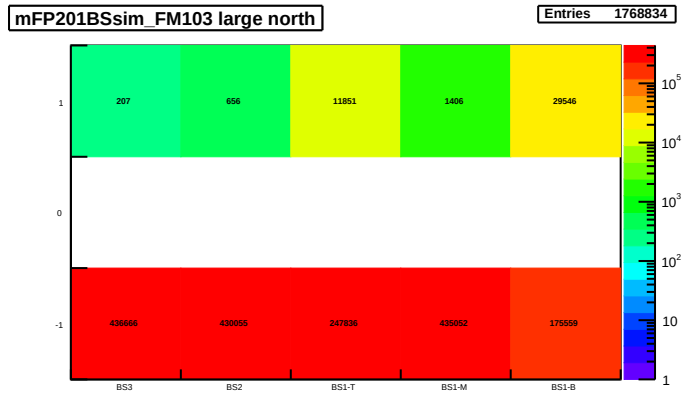

mFP201BS_FM101 small north
Entries 2831040
1
0
4809
16747
55200
19502
12650
561399
549461
511008
546706
553558
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4

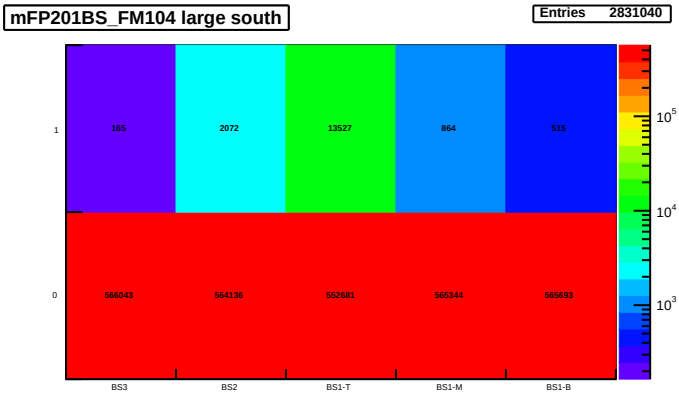

mFP201BSsim_FM101 small north
Entries 1627337
1
0
-1
367
929
38048
957
7601
442018
440897
99458
443838
153224
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

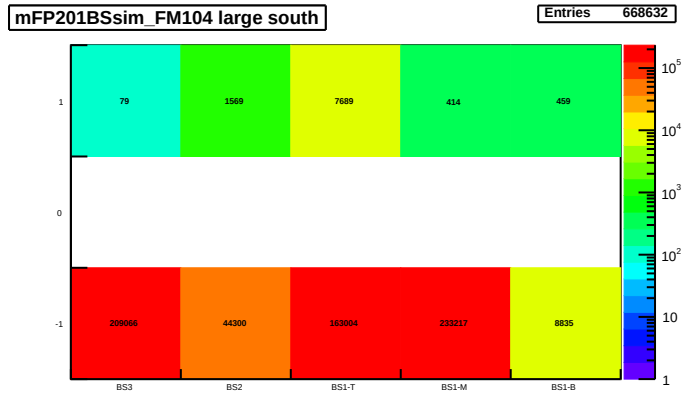

mFP201BS_FM102 small south
Entries 2831040
1
0
10957
30873
77857
57045
11466
555251
535335
488351
509163
554742
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

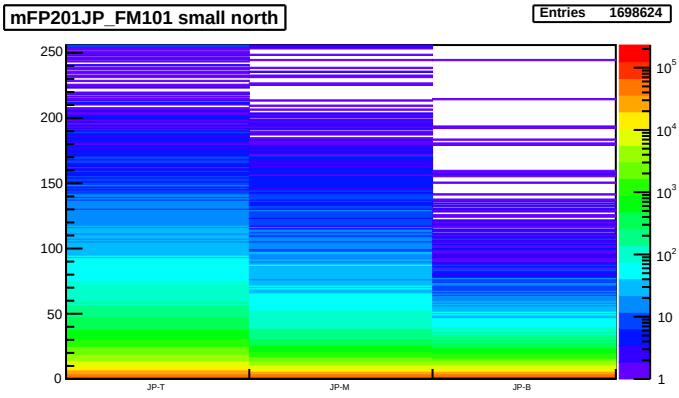

mFP201BSsim_FM102 small south
Entries 1316540
1
0
-1
3757
9305
52297
11831
5174
289964
291913
101412
323405
227482
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

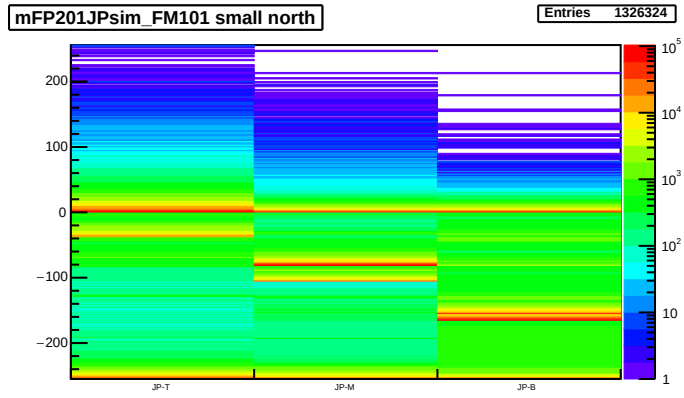

mFP201BS_FM103 large north
Entries 2831040
1
0
2958
8512
25908
26651
51095
563250
557696
540300
539557
515113
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4

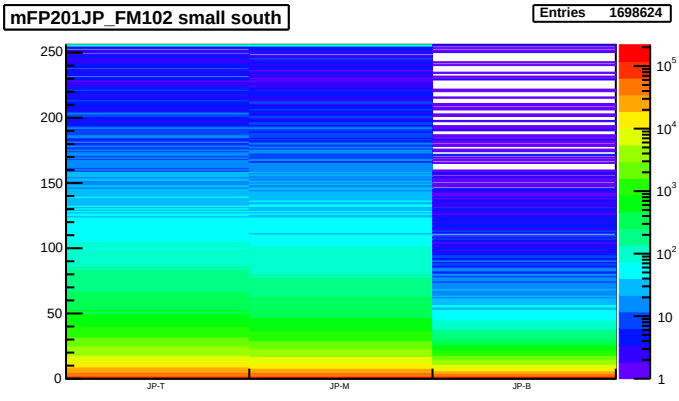

mFP201BSsim_FM103 large north
Entries 1768834
1
0
-1
207
656
11851
1406
29546
436666
430055
247836
435052
175559
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

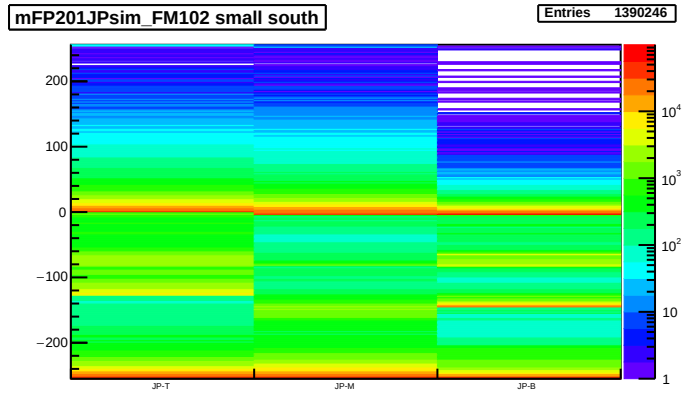

mFP201BS_FM104 large south
Entries 2831040
1
0
165
2072
13527
864
515
566043
564136
552681
565344
565693
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3

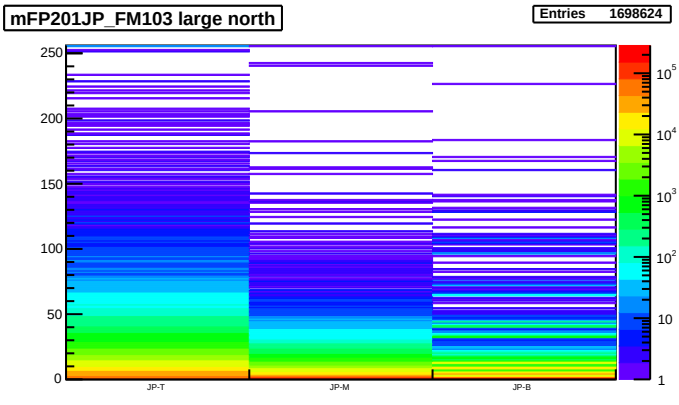

mFP201BSsim_FM104 large south
Entries 668632
1
0
-1
79
1569
7689
414
459
209066
44300
163004
233217
8835
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

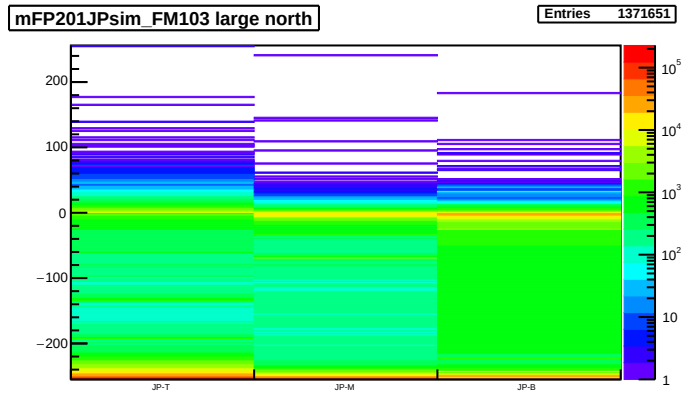

mFP201JP_FM101 small north
Entries 1698624
JP-T
JP-M
JP-B

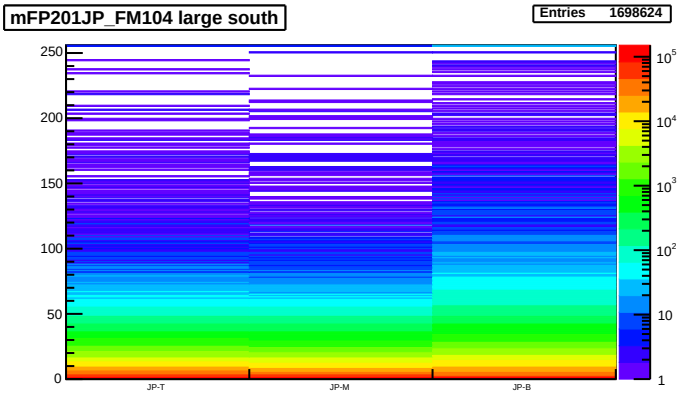

mFP201JPsim_FM101 small north
Entries 1326324
JP-T
JP-M
JP-B

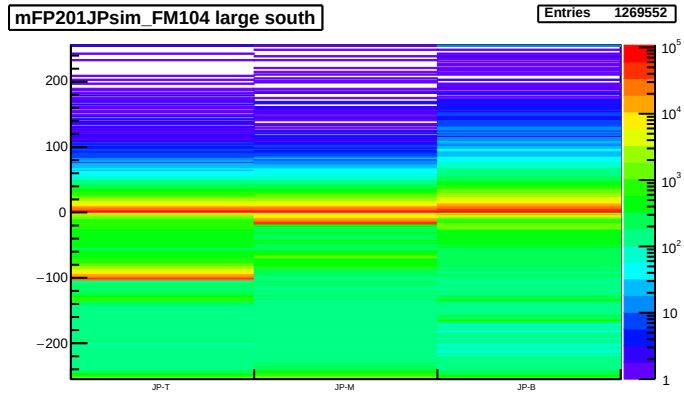

mFP201JP_FM102 small south
Entries 1698624
JP-T
JP-M
JP-B

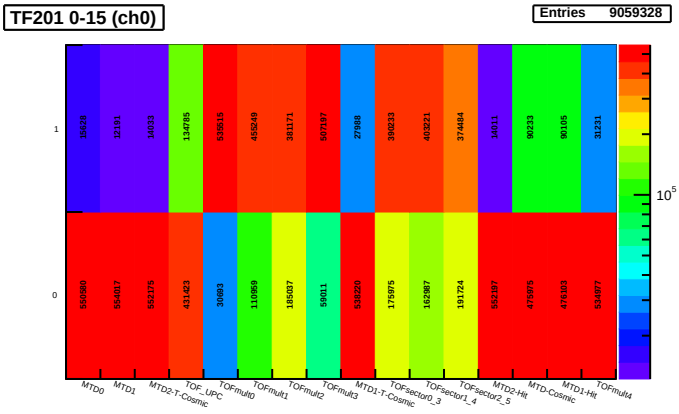

mFP201JPsim_FM102 small south
Entries 1390246
JP-T
JP-M
JP-B

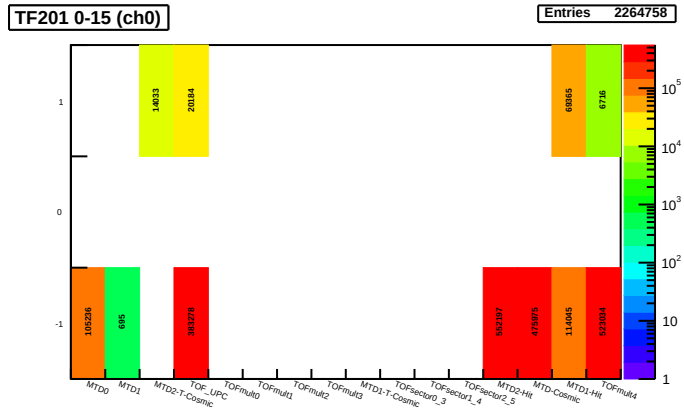

mFP201JP_FM103 large north
Entries 1698624
JP-T
JP-M
JP-B

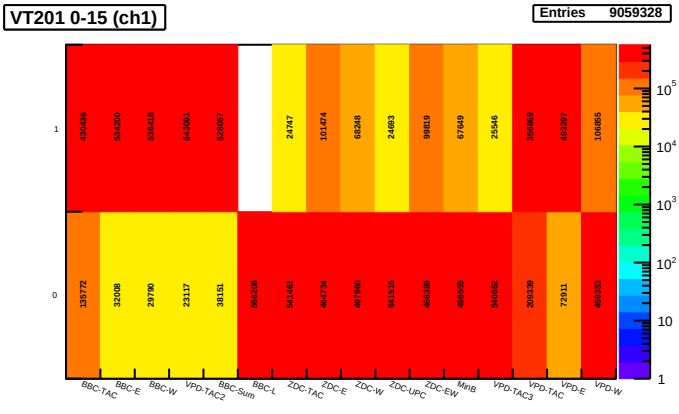

mFP201JPsim_FM103 large north
Entries 1371651
JP-T
JP-M
JP-B

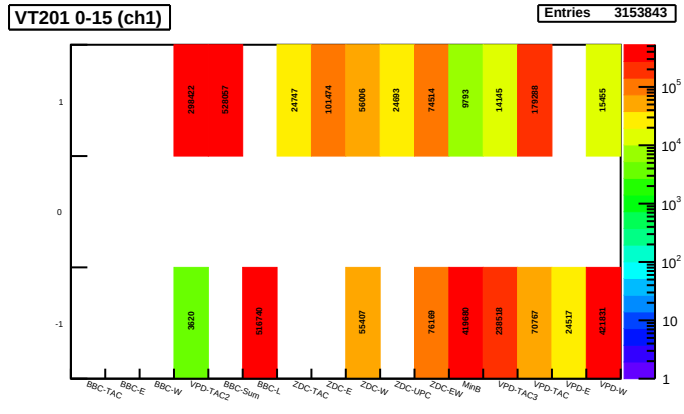

mFP201JP_FM104 large south
Entries 1698624
JP-T
JP-M
JP-B

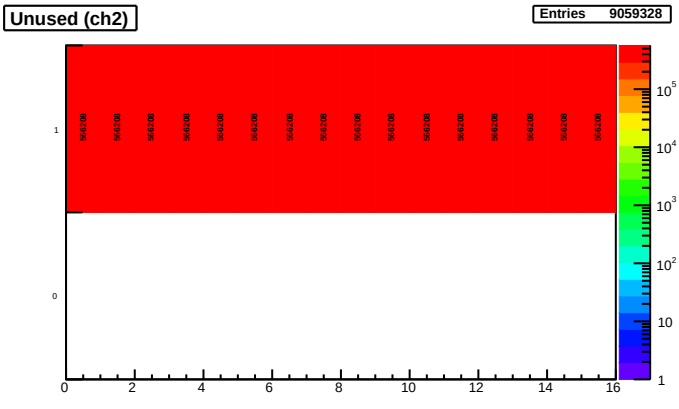

mFP201JPsim_FM104 large south
Entries 1269552
JP-T
JP-M
JP-B

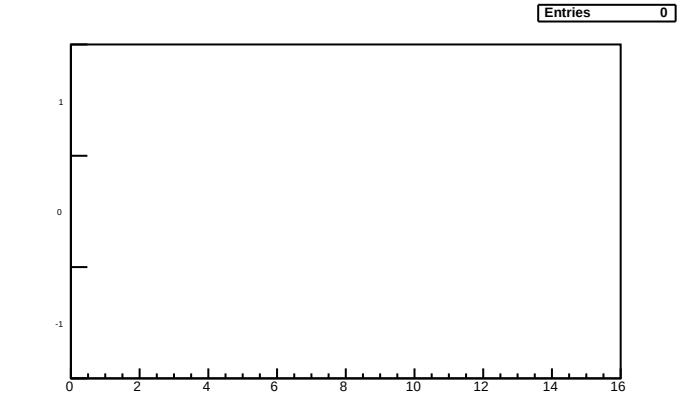

TF201 0-15 (ch0)
Entries 9059328
15626 12191 14033 134785 538515 455249 381171 507197 27988 390233 403221 374484 14011 90233 90105 31231
550560 554017 552175 431423 30893 110969 185037 59011 538220 175975 162987 191724 552197 475975 476103 534877
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

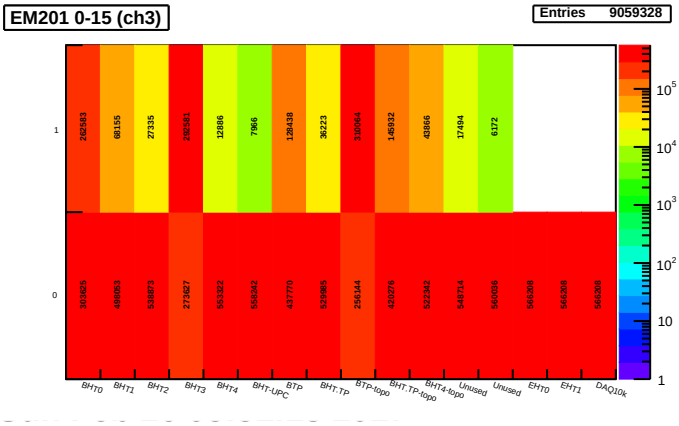

TF201 0-15 (ch0)
Entries 2264758
14033 20194 68965 6716
105236 695 383278 552197 475975 114045 523034
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

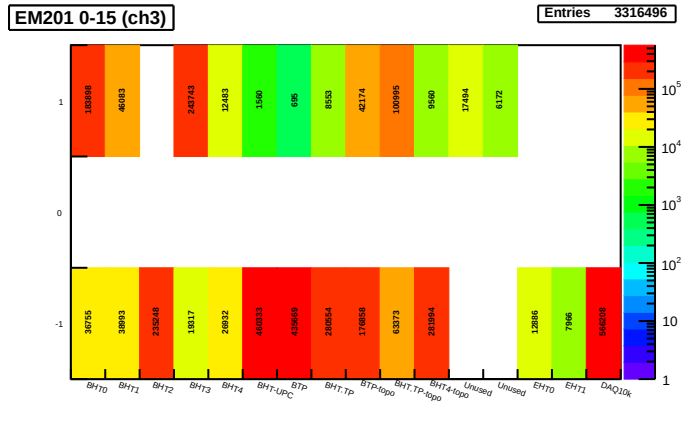

VT201 0-15 (ch1)
Entries 9059328
439456 534300 536418 543801 520057 24747 101474 68248 24693 99819 67949 25546 355869 493297 186855
135772 32008 29790 23117 38151 566208 501461 464734 497960 541515 465389 488559 540662 209339 72911 459353
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

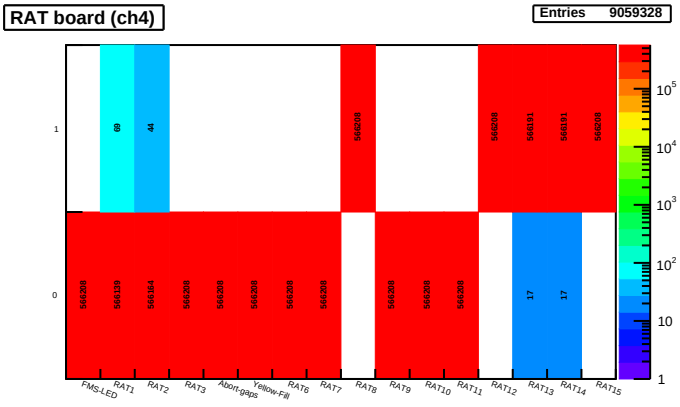

VT201 0-15 (ch1)
Entries 3153843
298422 520057 24747 101474 56006 24693 74314 9793 14145 179288 15465
3620 516740 55407 76189 419630 238518 70767 24517 421831
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

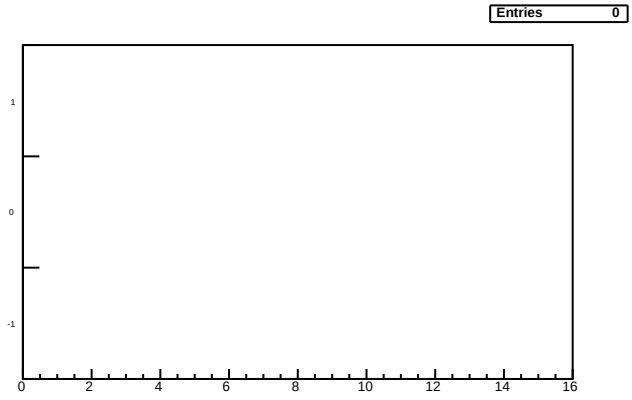

Unused (ch2)
Entries 9059328
566208 566208 566208 566208 566208 566208 566208 566208 566208 566208 566208 566208 566208 566208 566208 566208


Entries 0


EM201 0-15 (ch3)
Entries 9059328
282583 68155 27335 282581 12886 7966 128438 36223 310064 145932 43866 17494 6172
309825 498053 538073 273627 553322 558242 437770 529985 256144 420276 522342 548714 560066 566208 566208 566208
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


EM201 0-15 (ch3)
Entries 3316496
183898 46053 243743 12483 1560 695 8553 42174 100995 9560 17494 6172
36755 38993 235248 19317 20832 460833 435869 280654 176858 63373 281994 12886 7966 566208
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


RAT board (ch4)
Entries 9059328
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15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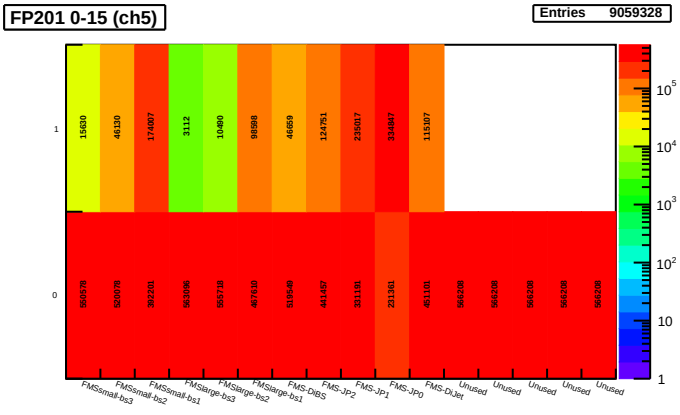
FP201 0-15 (ch5)
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FMSsmall-bs1
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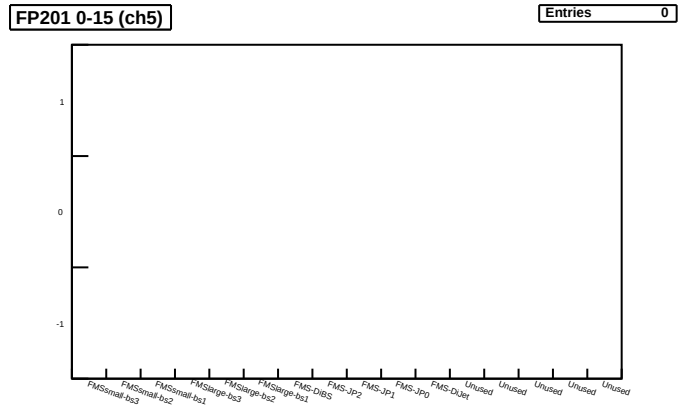
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0
FMSsmall-bs3
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FMSsmall-bs1
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FMS-JP0
FMS-Dijet
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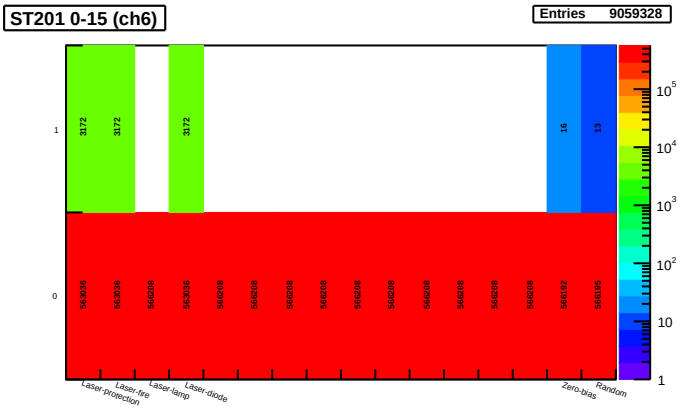
Unused
Unused
Unused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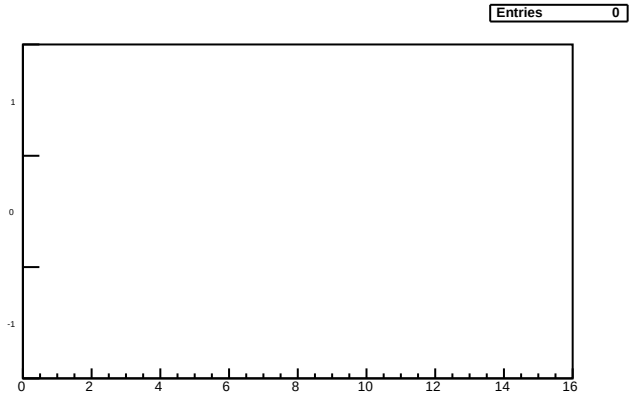
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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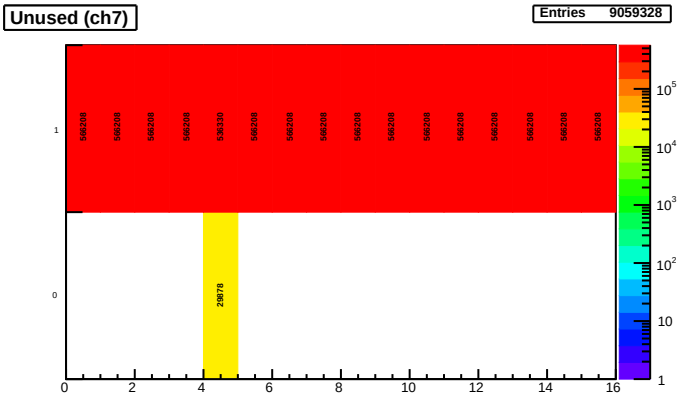
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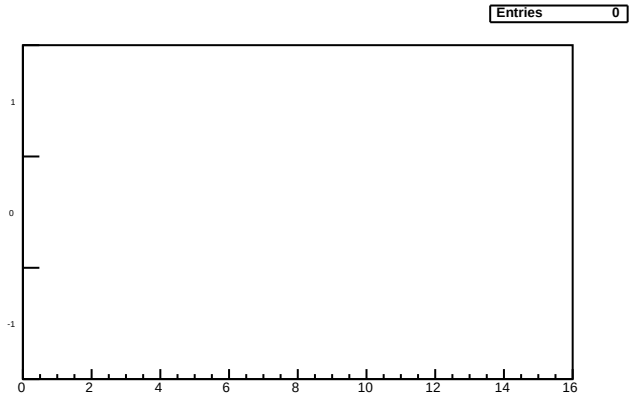
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