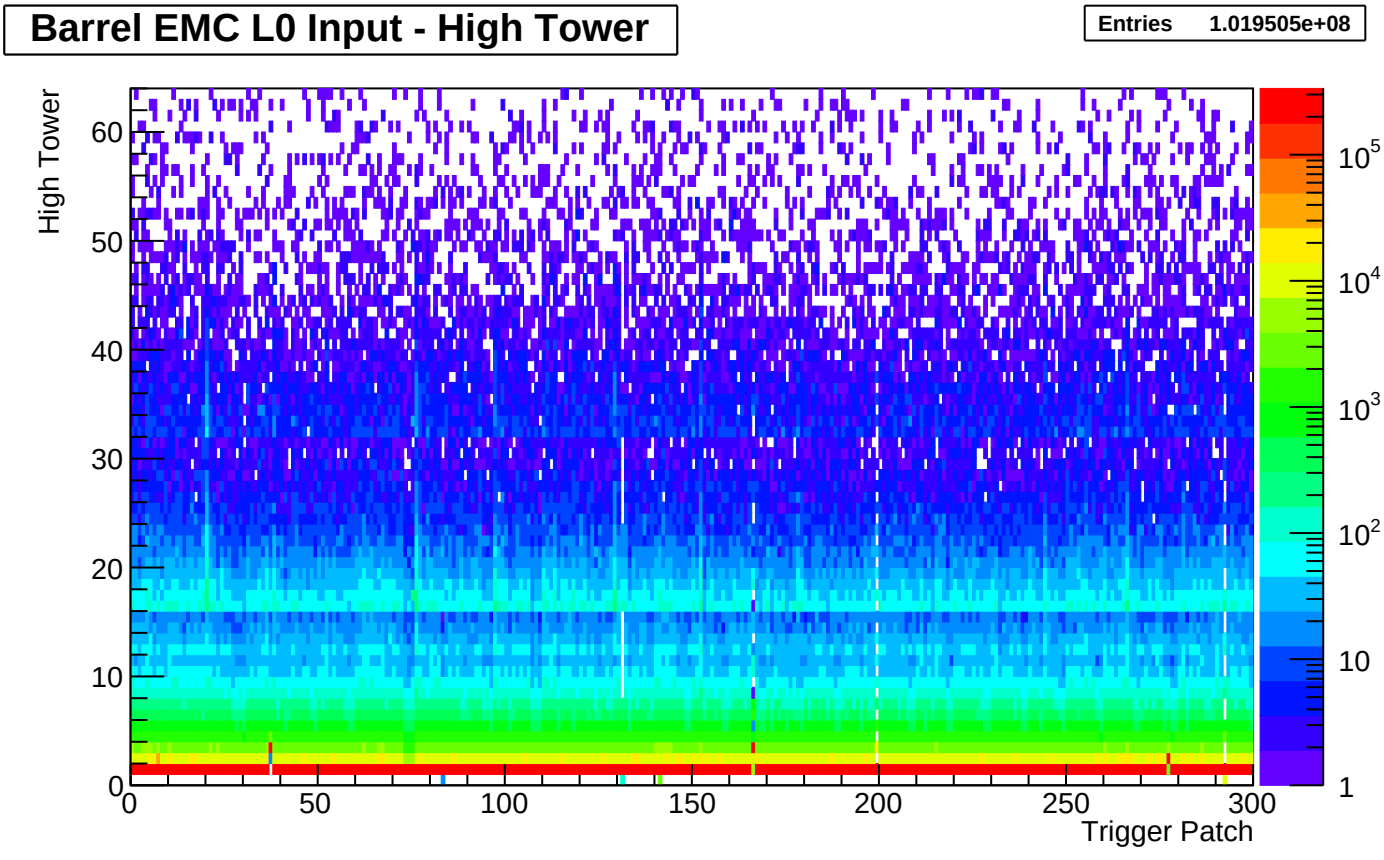
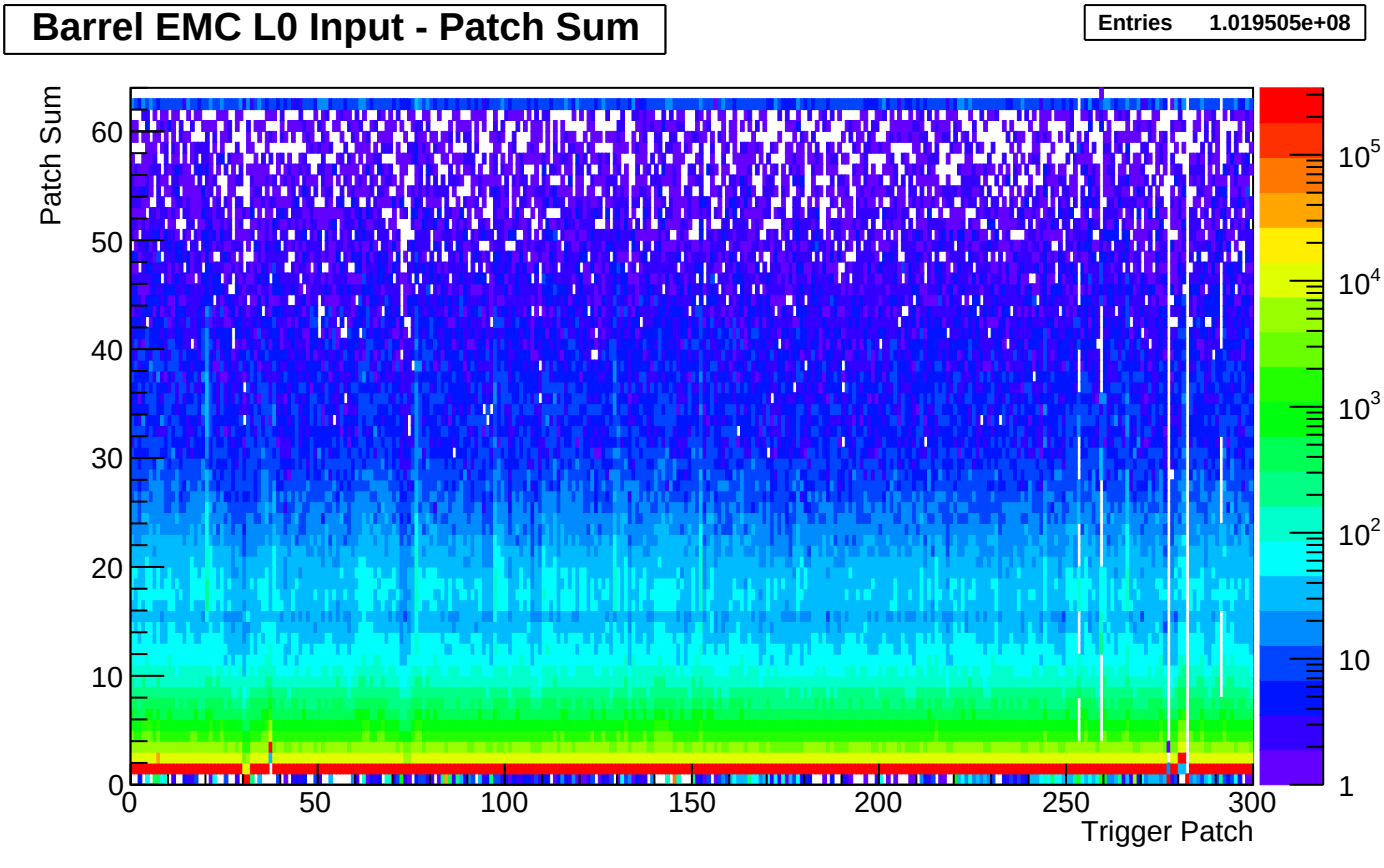
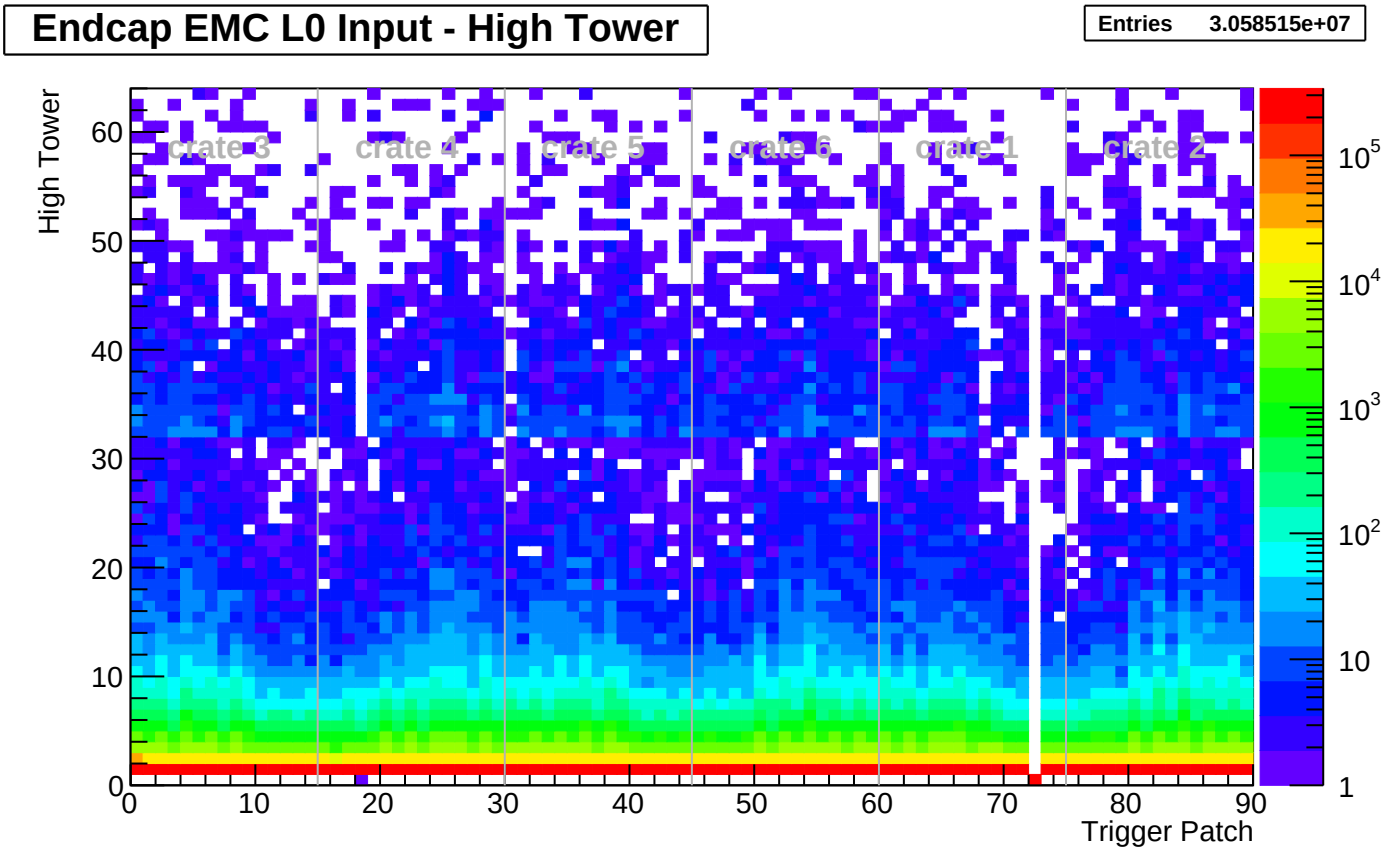
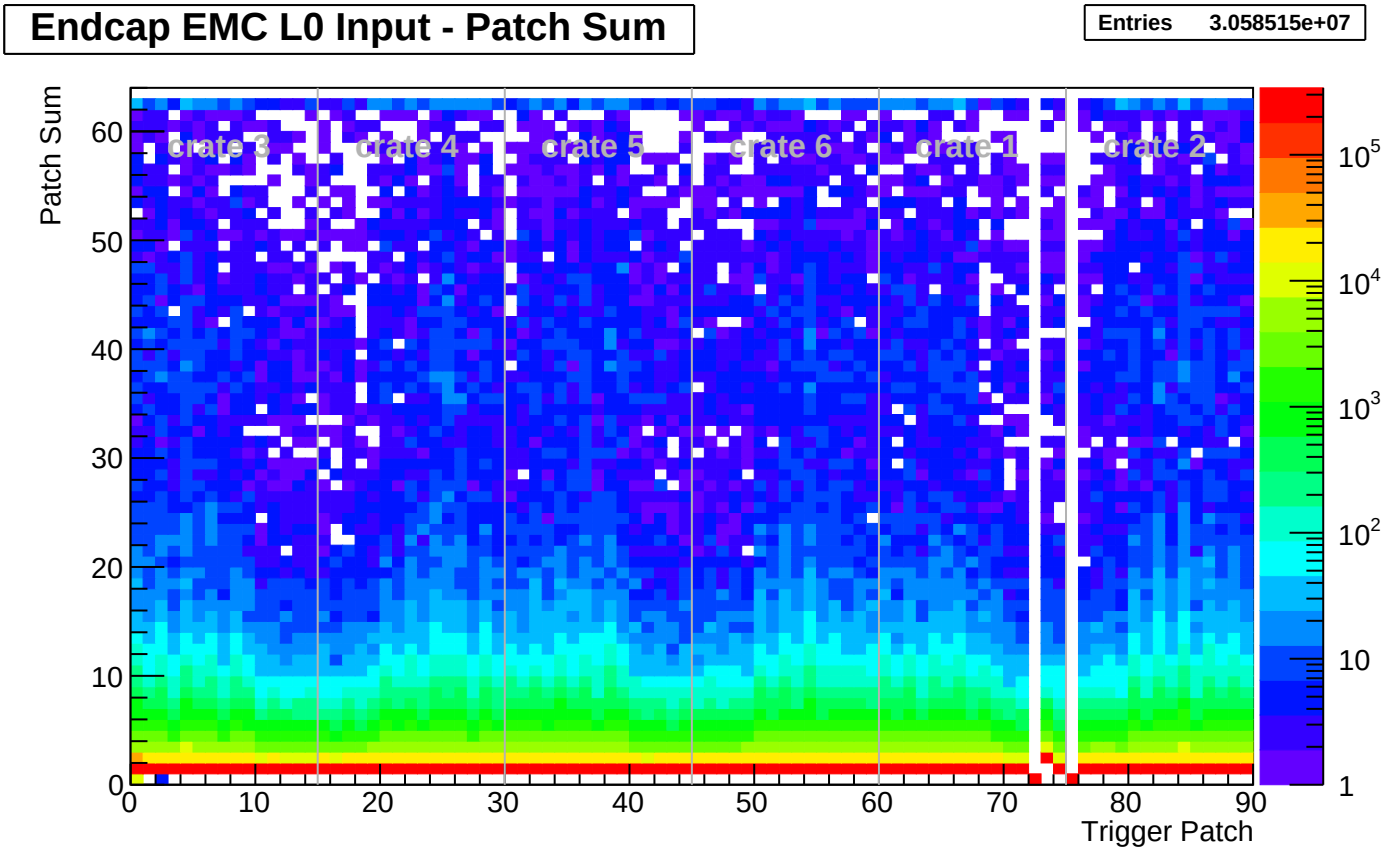
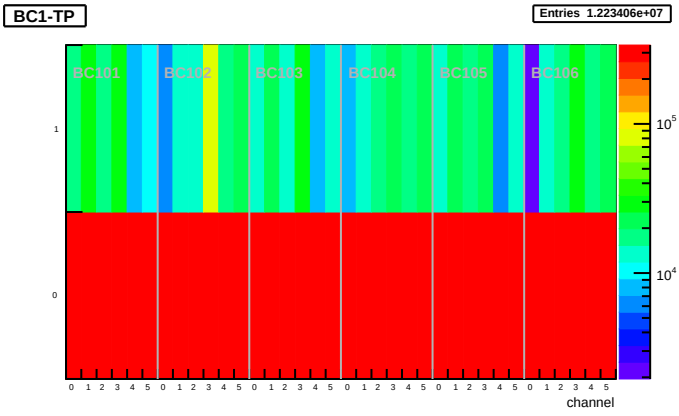
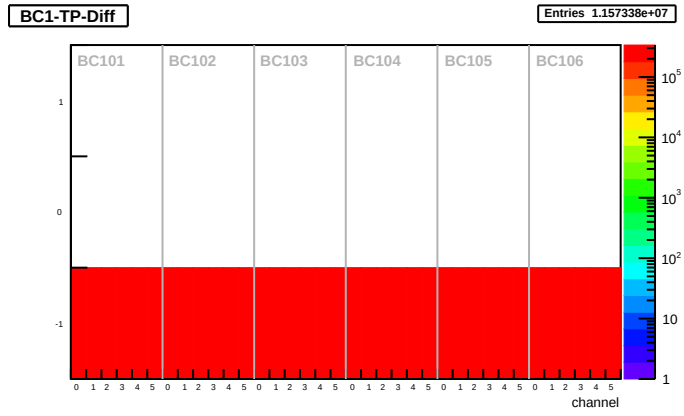

Barrel EMC L0 Input - High Tower
Entries 1.019505e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

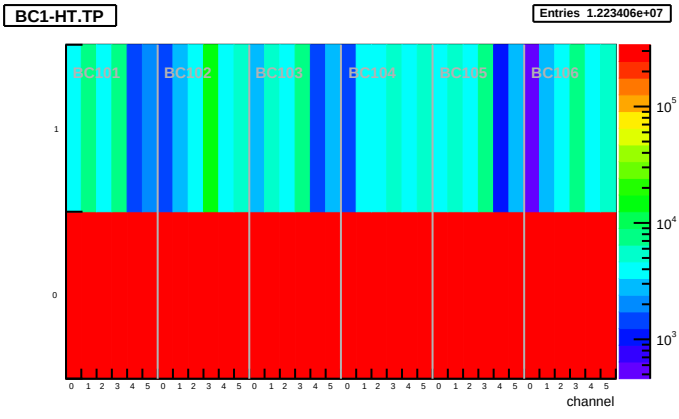

Barrel EMC L0 Input - Patch Sum
Entries 1.019505e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

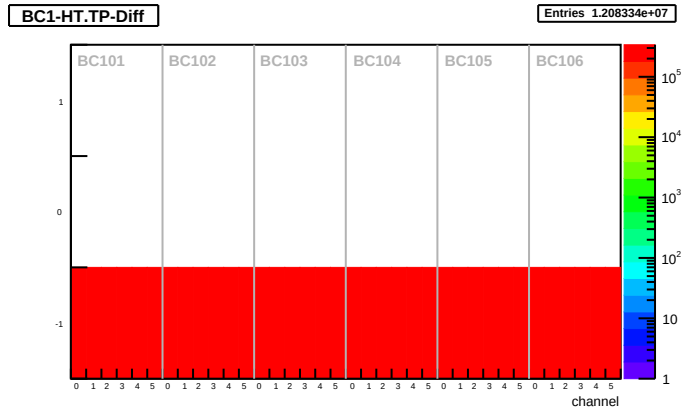

Endcap EMC L0 Input - High Tower
Entries 3.058515e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

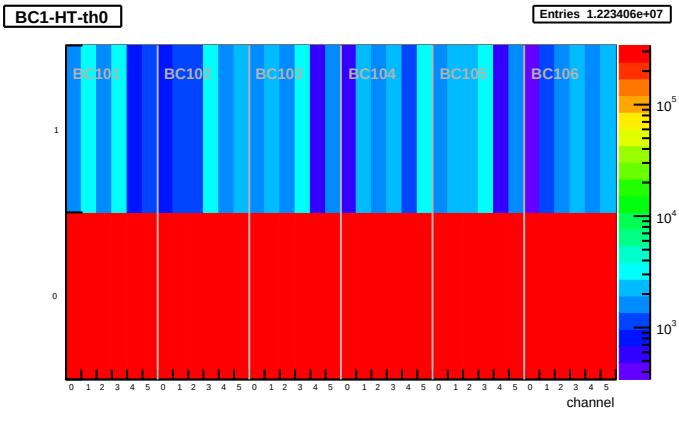

Endcap EMC L0 Input - Patch Sum
Entries 3.058515e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

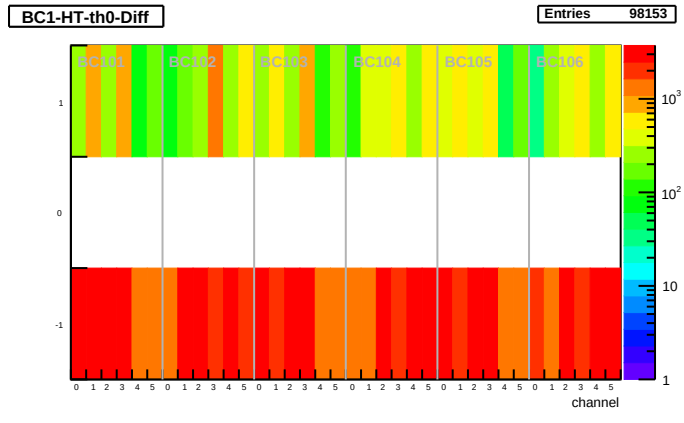

BC1-TP
Entries 1.223406e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

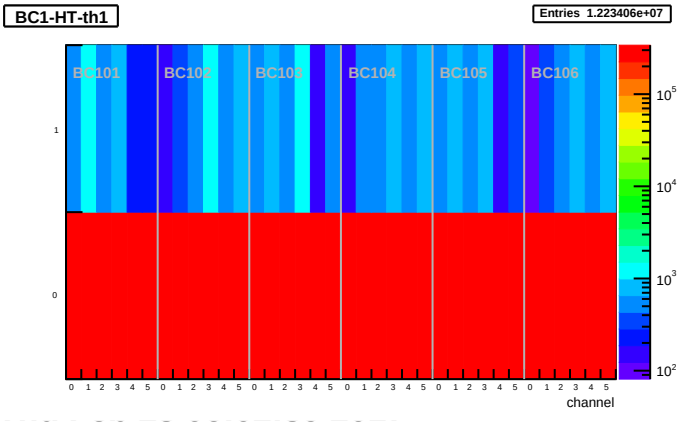

BC1-TP-Diff
Entries 1.157338e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

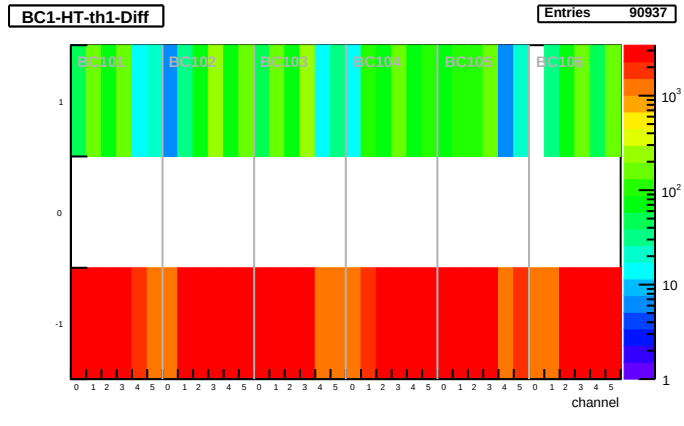

BC1-HT.TP
Entries 1.223406e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

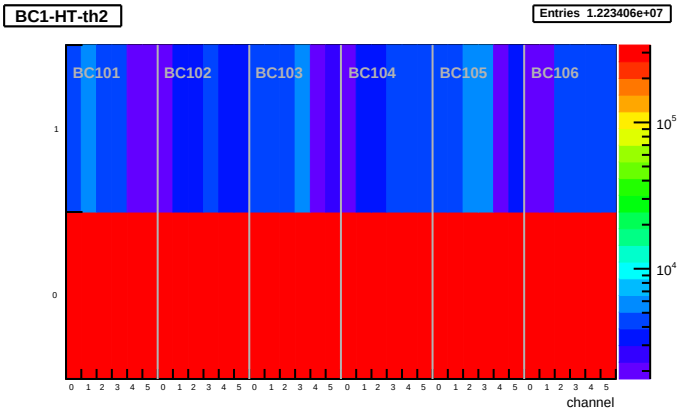

BC1-HT.TP-Diff
Entries 1.208334e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

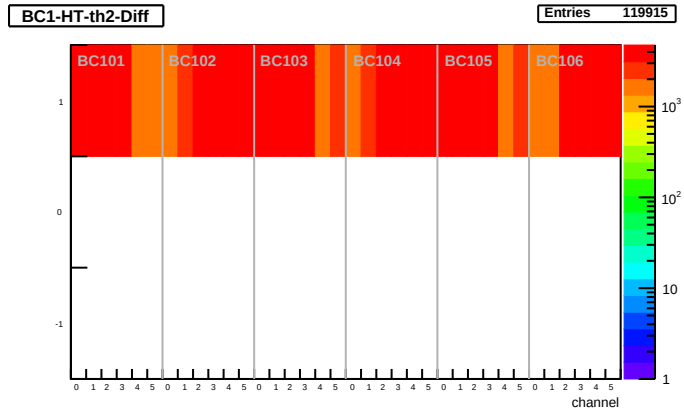

BC1-HT-th0
Entries 1.223406e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

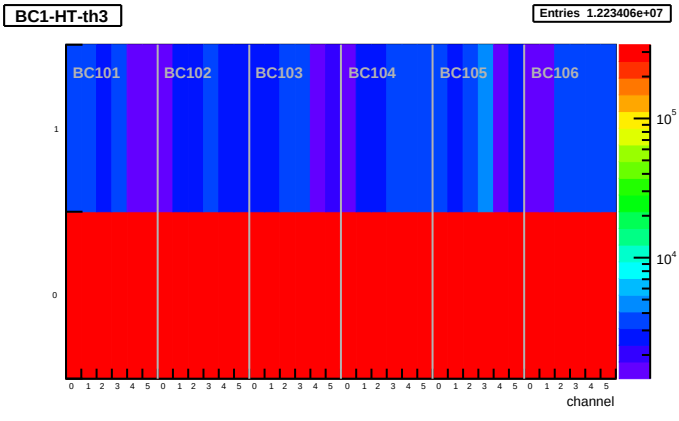

BC1-HT-th0-Diff
Entries 98153
BC101
BC102
BC103
BC104
BC105
BC106
channel

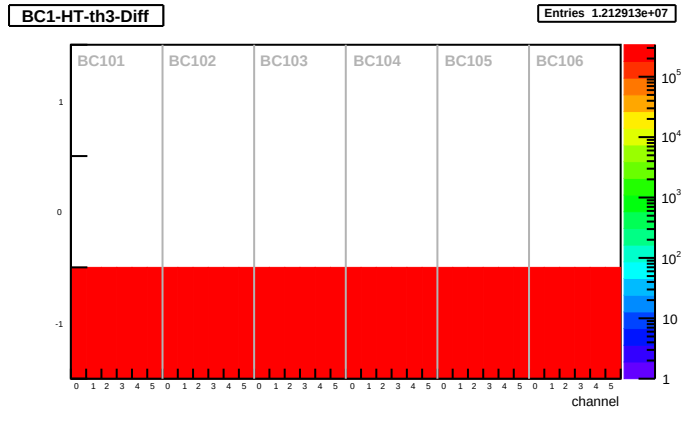

BC1-HT-th1
Entries 1.223406e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

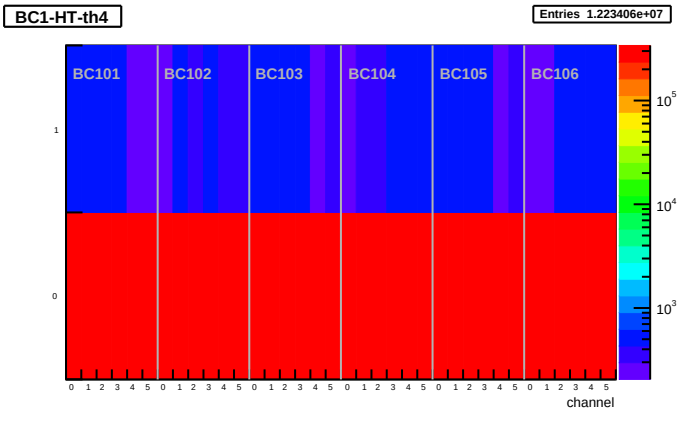

BC1-HT-th1-Diff
Entries 90937
BC101
BC102
BC103
BC104
BC105
BC106
channel

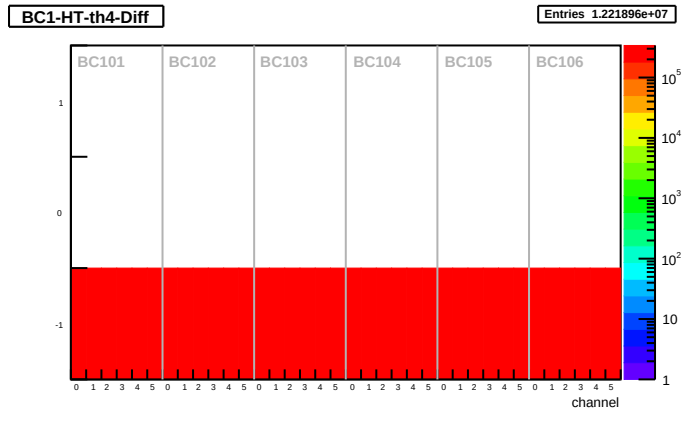

BC1-HT-th2
Entries 1.223406e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

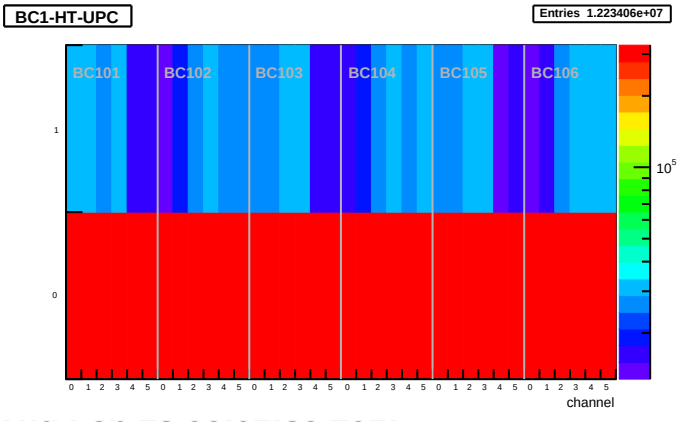

BC1-HT-th2-Diff
Entries 119915
BC101
BC102
BC103
BC104
BC105
BC106
channel

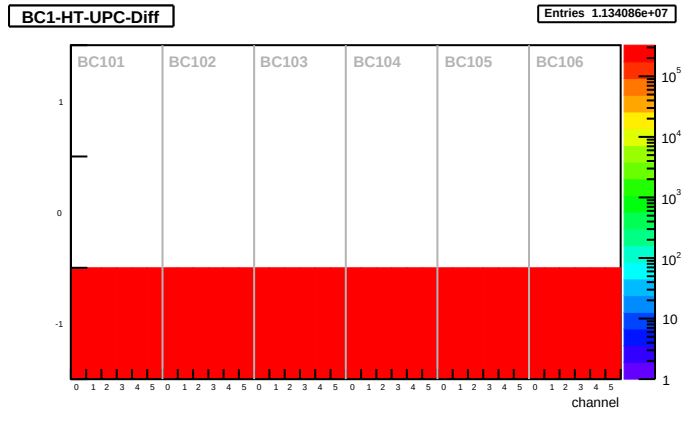

BC1-HT-th3
Entries 1.223406e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

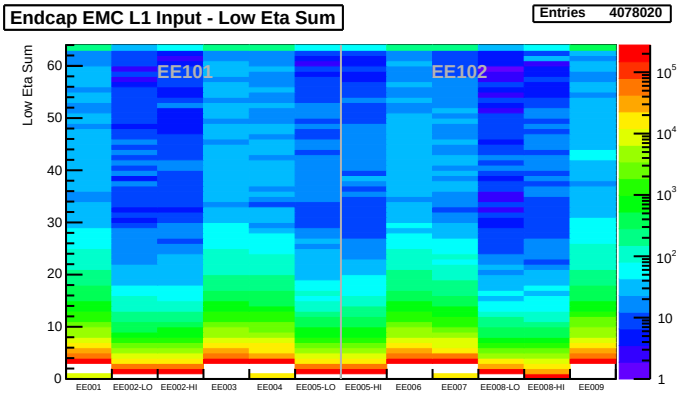

BC1-HT-th3-Diff
Entries 1.212913e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

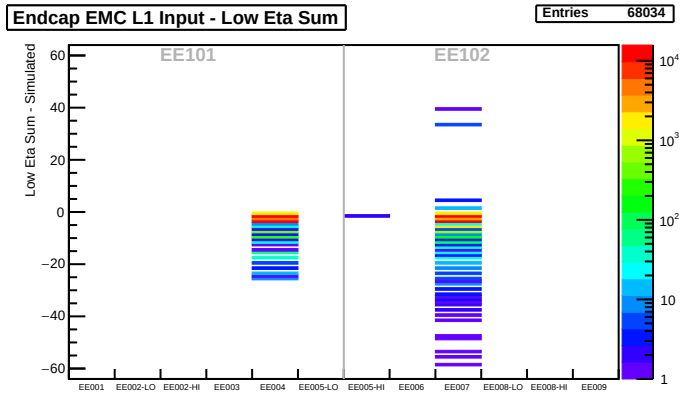

BC1-HT-th4
Entries 1.223406e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

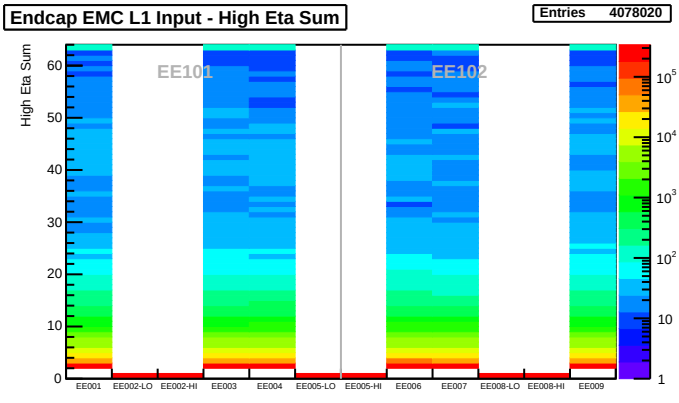

BC1-HT-th4-Diff
Entries 1.221896e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

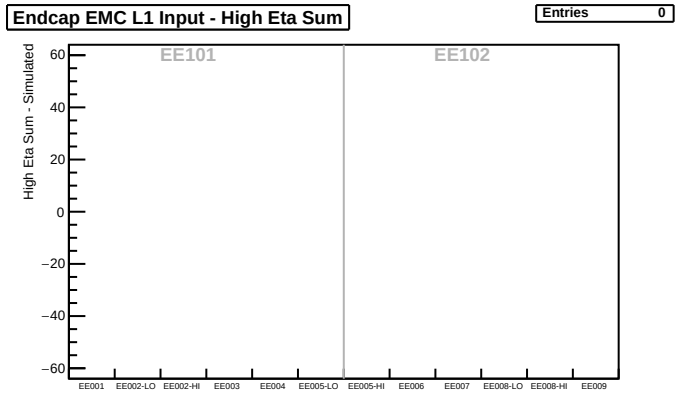

BC1-HT-UPC
Entries 1.223406e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

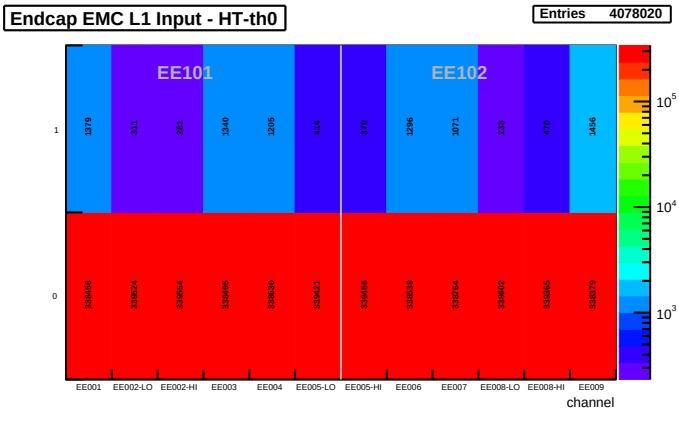

BC1-HT-UPC-Diff
Entries 1.134086e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

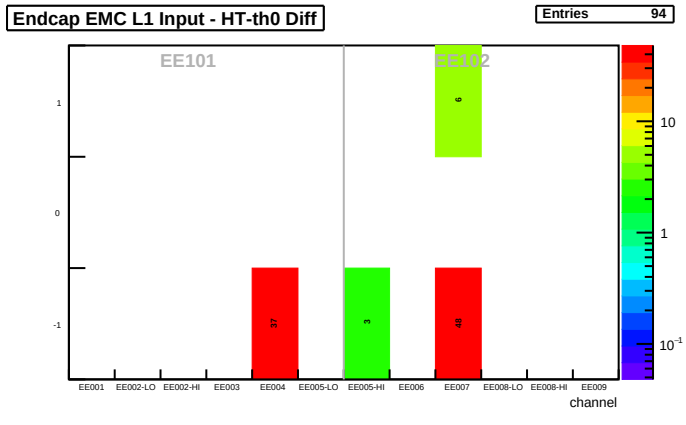

Endcap EMC L1 Input - Low Eta Sum
Entries 4078020
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

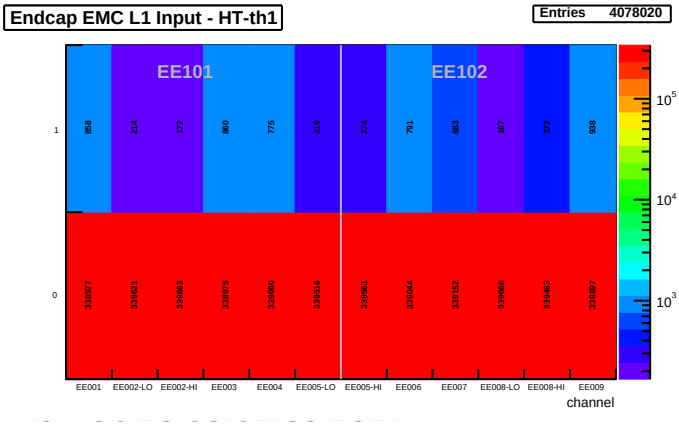

Endcap EMC L1 Input - Low Eta Sum
Entries 68034
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

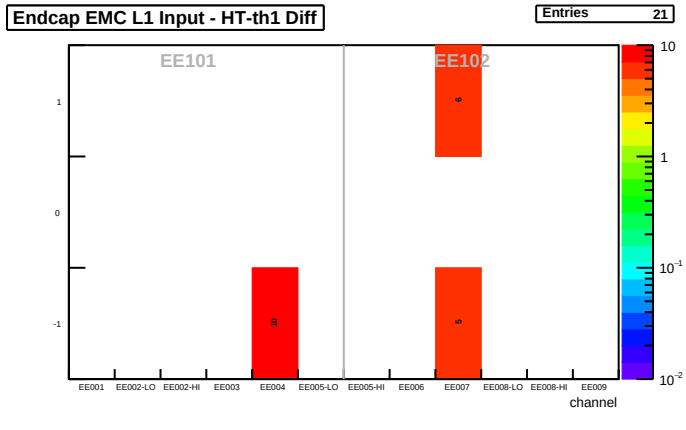

Endcap EMC L1 Input - High Eta Sum
Entries 4078020
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

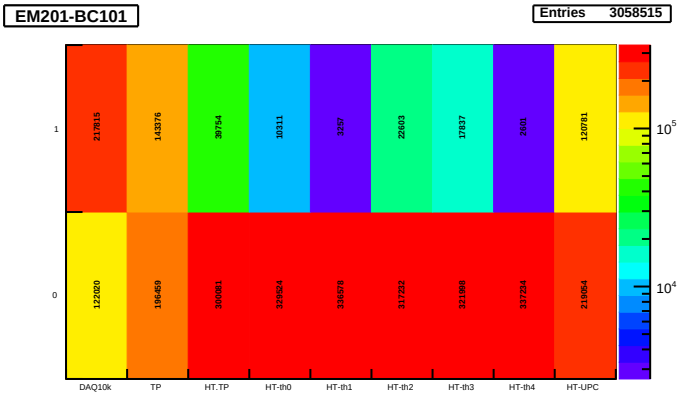

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

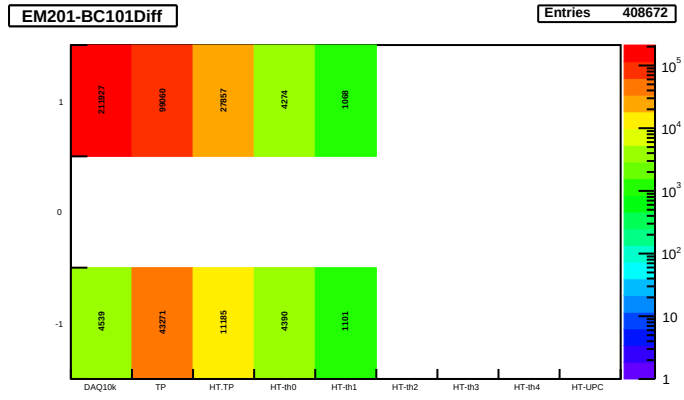

Endcap EMC L1 Input - HT-th0
Entries 4078020
EE101
EE102
1379 311 231 1340 1205 414 379 1296 1071 233 470 1456
339456 339524 339554 339495 339530 339421 339456 339539 339764 339602 339565 339379
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

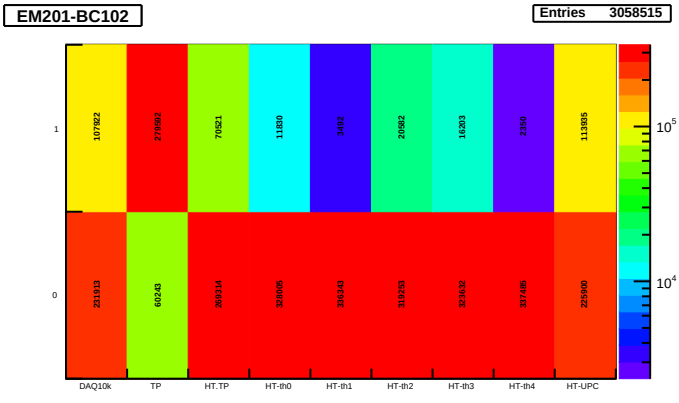

Endcap EMC L1 Input - HT-th0 Diff
Entries 94
EE101
EE102
6
37
3
48
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

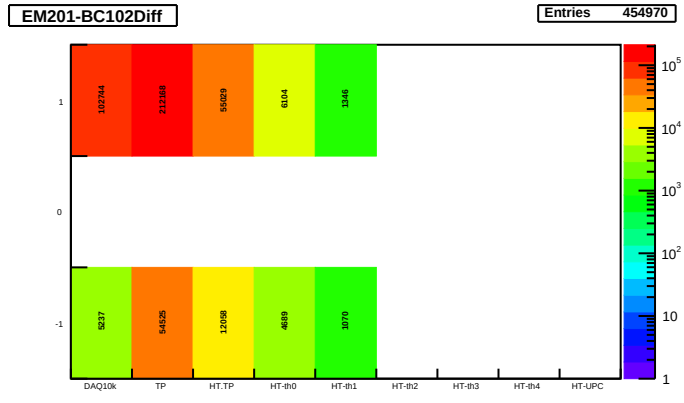

Endcap EMC L1 Input - HT-th1
Entries 4078020
EE101
EE102
858 214 172 860 775 310 274 791 683 167 372 938
338977 339021 339063 338975 339060 339016 339061 339044 339152 339068 339063 338997
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

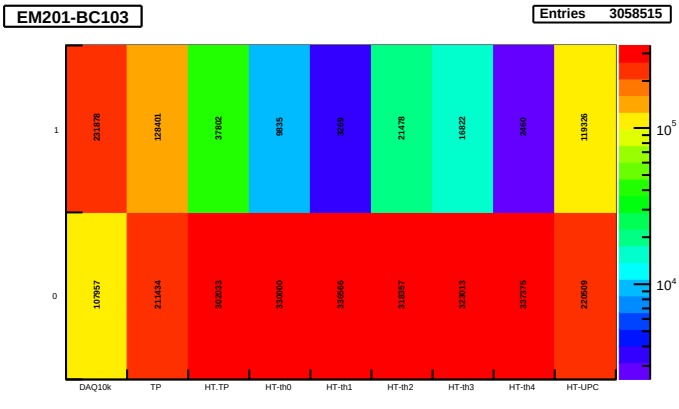

Endcap EMC L1 Input - HT-th1 Diff
Entries 21
EE101
EE102
6
10
5
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

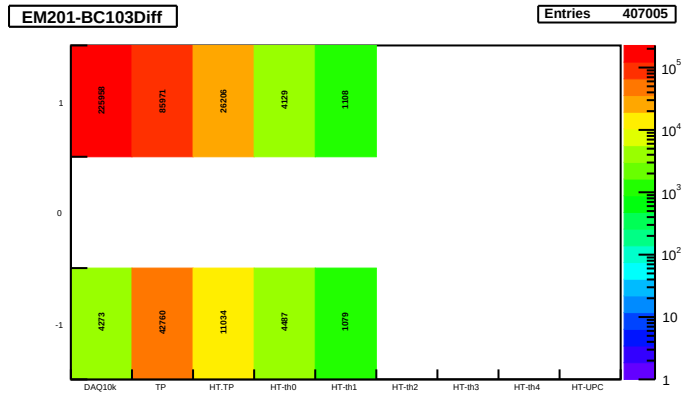

EM201-BC101
Entries 3058515
217815
143376
39754
10311
3257
29403
17837
2601
120781
122020
196459
300081
329524
336578
317232
321988
337224
219054
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

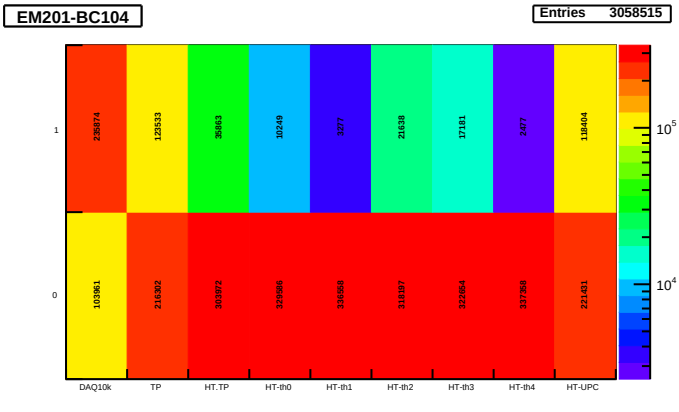

EM201-BC101Diff
Entries 408672
211927
99060
27857
4274
1068
4539
43271
11185
4390
1101
1
0
-1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

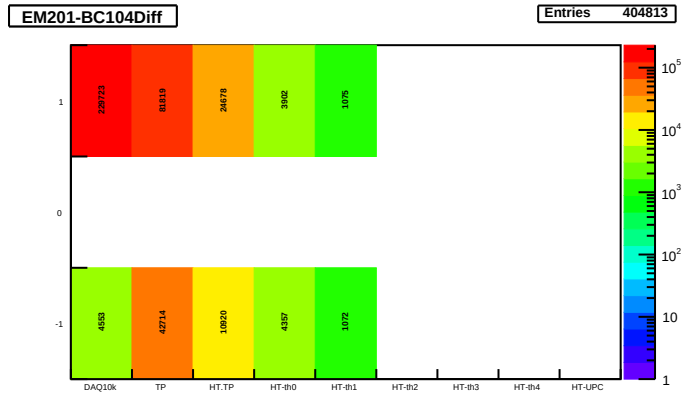

EM201-BC102
Entries 3058515
107822
279992
70921
11830
3492
20982
16203
2350
113935
231913
60243
269314
328005
336343
319253
323632
337485
225900
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 454970
102744
212158
55029
6104
1346
5237
54525
12098
4689
1070
1
0
-1
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

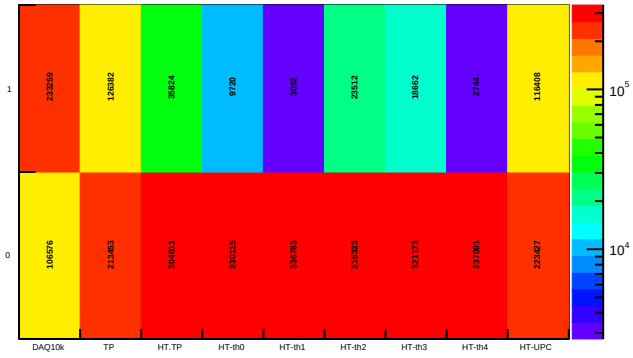

EM201-BC103
Entries 3058515
231878
128401
37802
9835
3269
21478
16822
2460
119326
107957
211434
302033
333000
336566
318357
322013
337275
226509
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 407005
229958
85971
26206
4129
1108
4273
42760
11034
4487
1079
1
0
-1
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

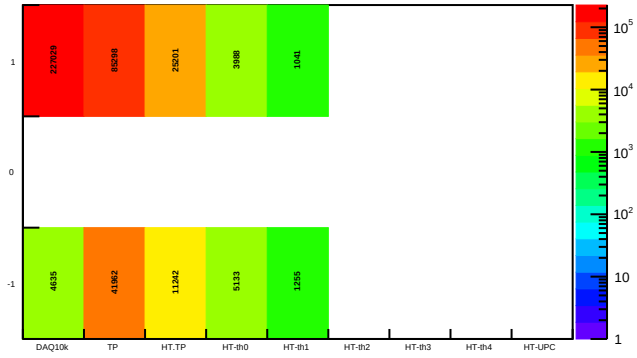

EM201-BC104
Entries 3058515
235874
123533
35863
10249
3277
21638
17181
2477
118404
103861
216302
303972
329986
336558
318197
322654
337358
221431
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 404813
229723
81819
24678
3902
1075
4553
42714
10820
4357
1072
1
0
-1
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

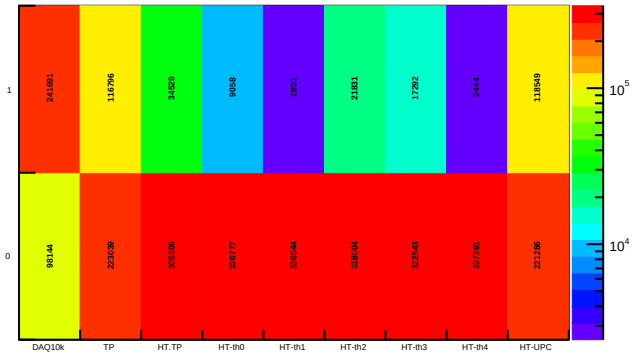
EM201-BC105 Entries 3058515



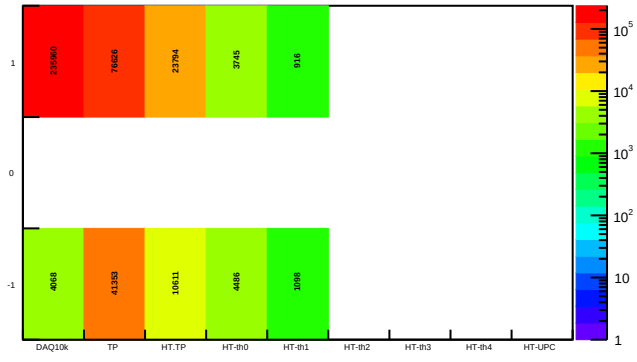
EM201-BC105Diff Entries 406784



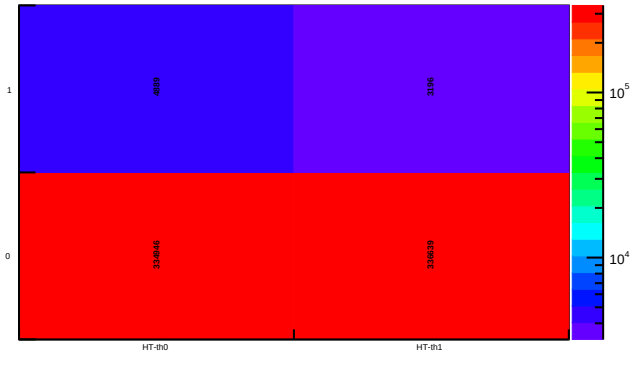
EM201-BC106 Entries 3058515



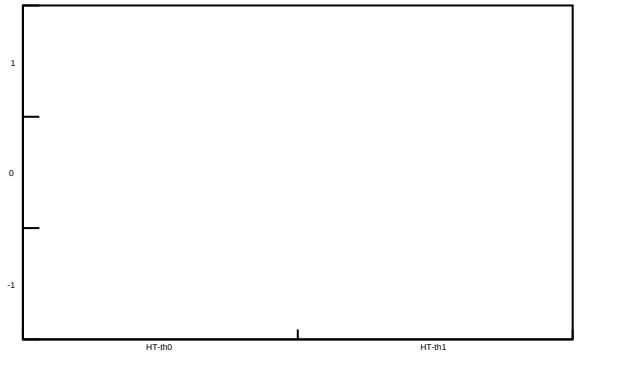
EM201-BC106Diff Entries 402657



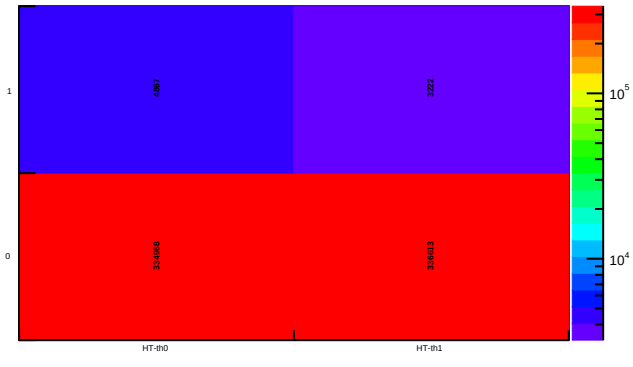
EM201-EE101 Entries 679670



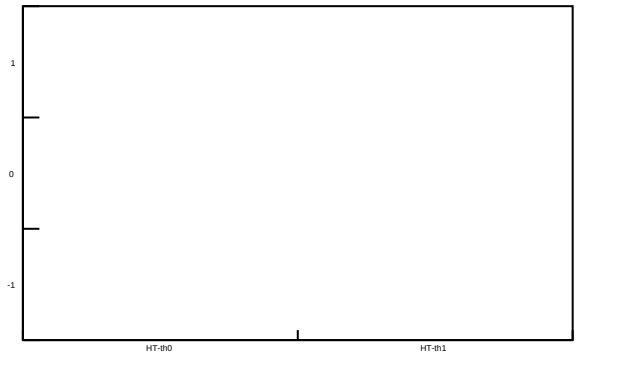
EM201-EE101Diff Entries 0

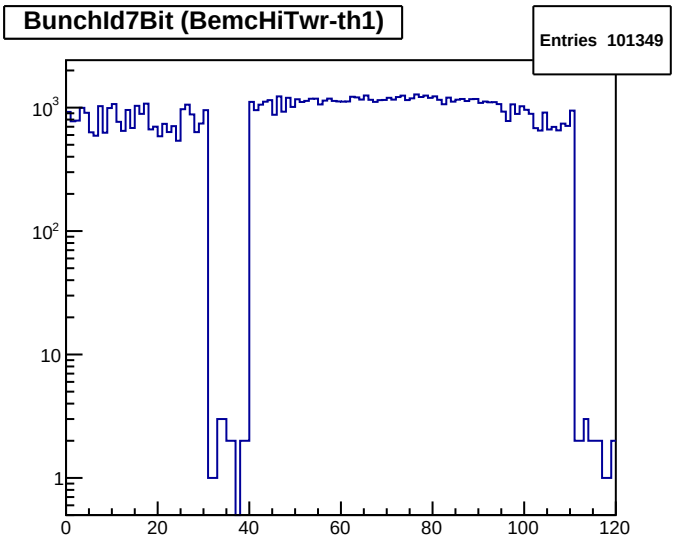


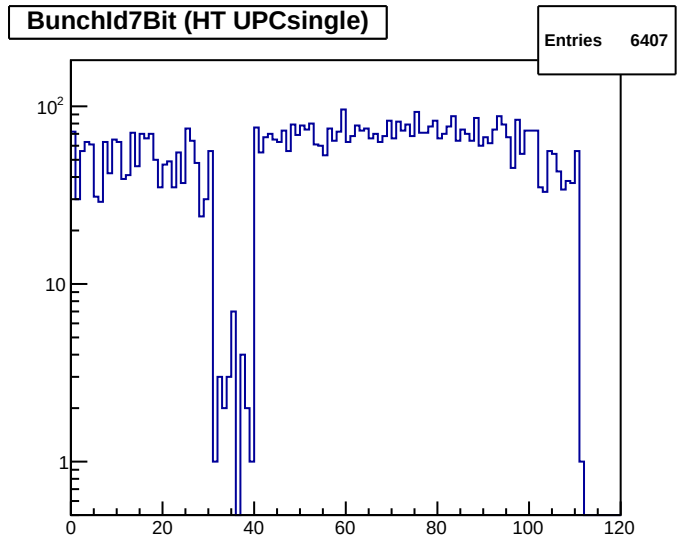
EM201-EE102 Entries 679670

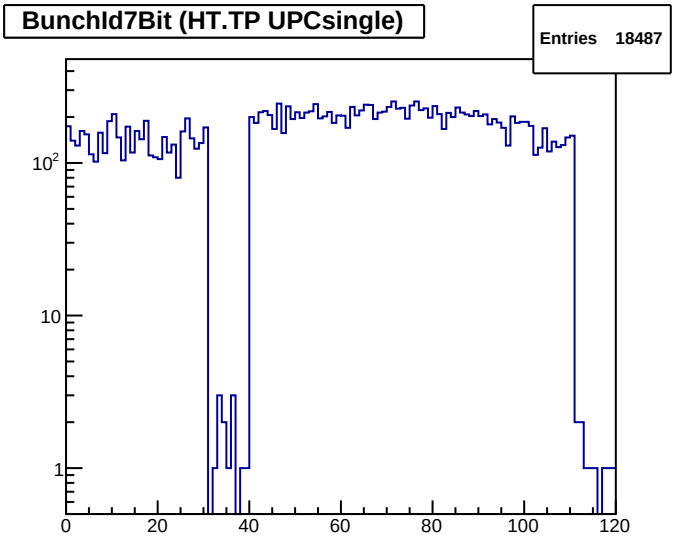


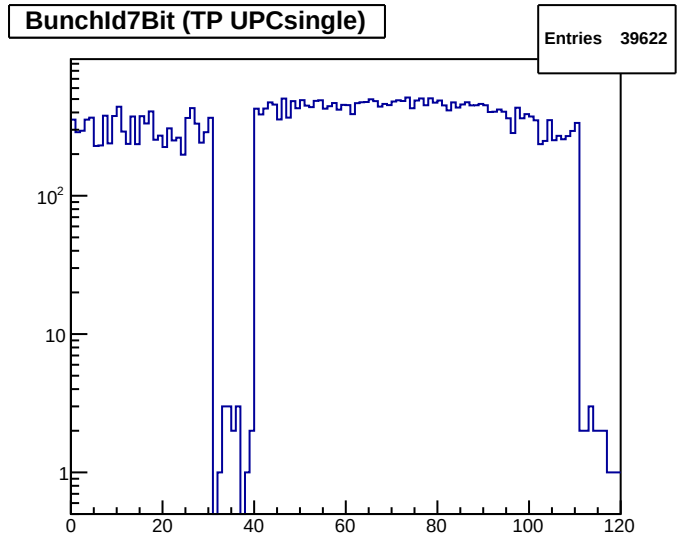
EM201-EE102Diff Entries 0

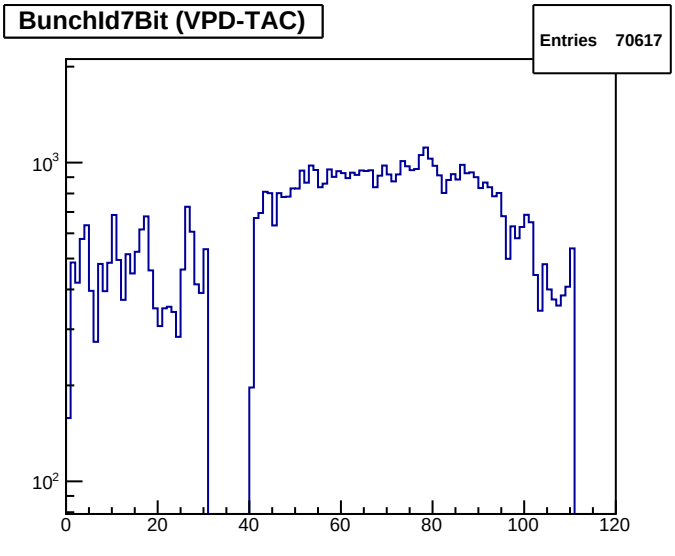


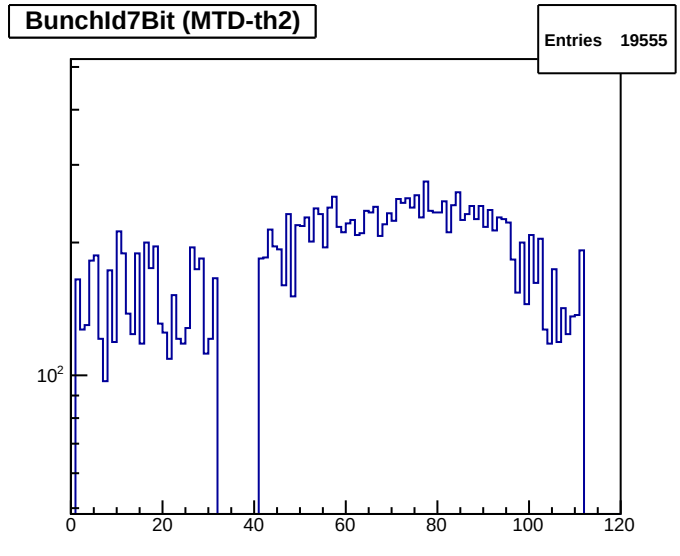

BunchId7Bit (BemcHiTwr-th1)
Entries 101349
10^3
10^2
10
1
0
20
40
60
80
100
120

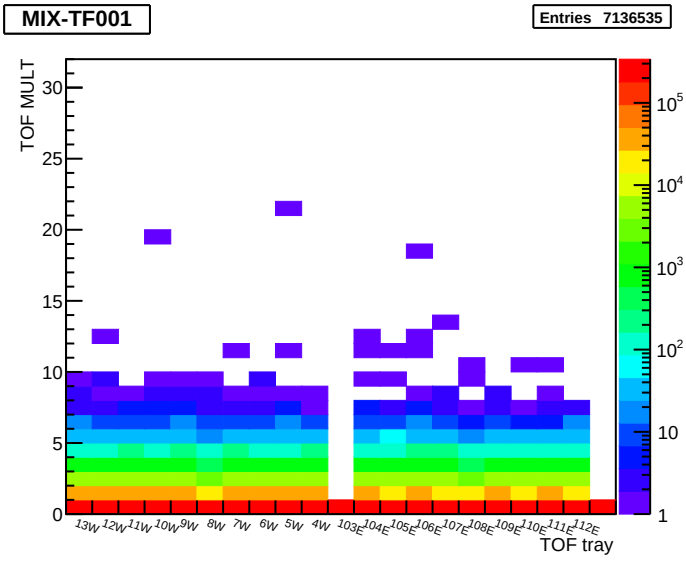

BunchId7Bit (HT UPCsingle)
Entries 6407
10^2
10
1
0
20
40
60
80
100
120

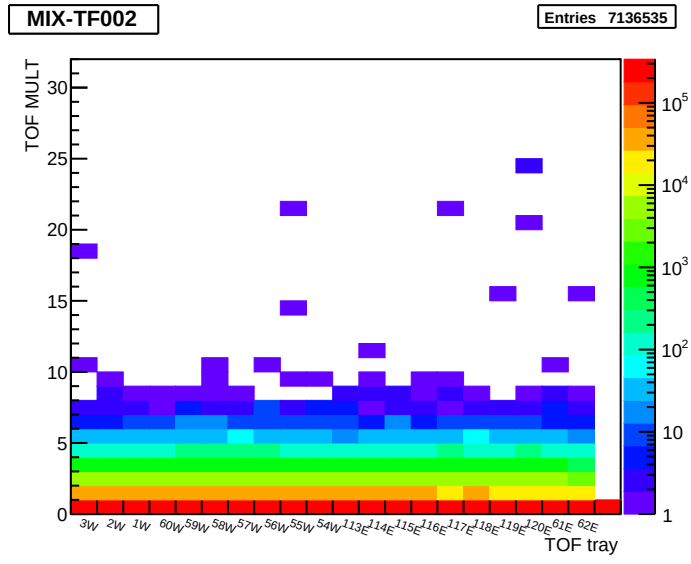

BunchId7Bit (HT.TP UPCsingle)
Entries 18487
10^2
10
1
0
20
40
60
80
100
120

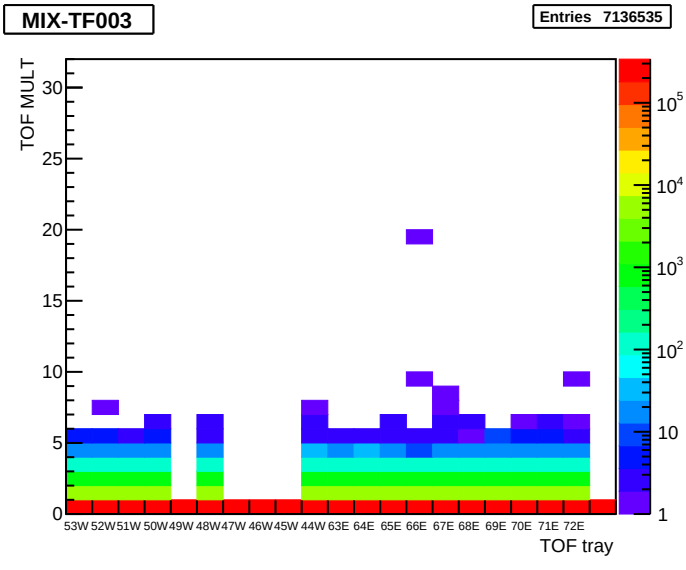

BunchId7Bit (TP UPCsingle)
Entries 39622
10^2
10
1
0
20
40
60
80
100
120

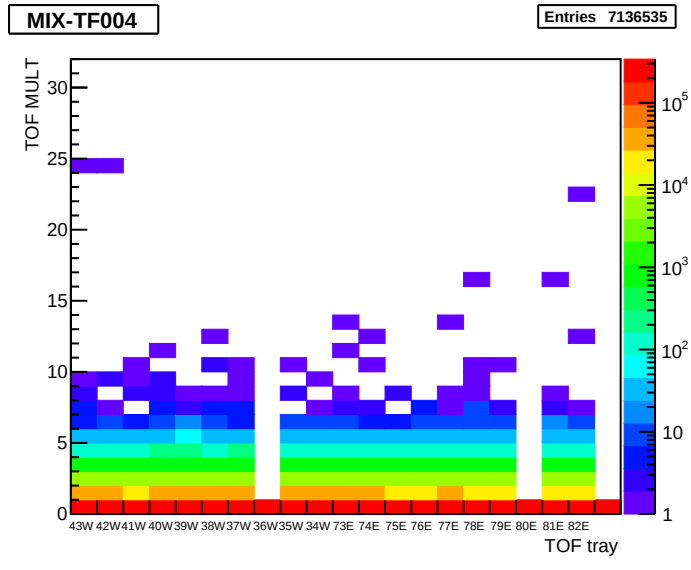

BunchId7Bit (VPD-TAC)
Entries 70617
10^3
10^2
0
20
40
60
80
100
120

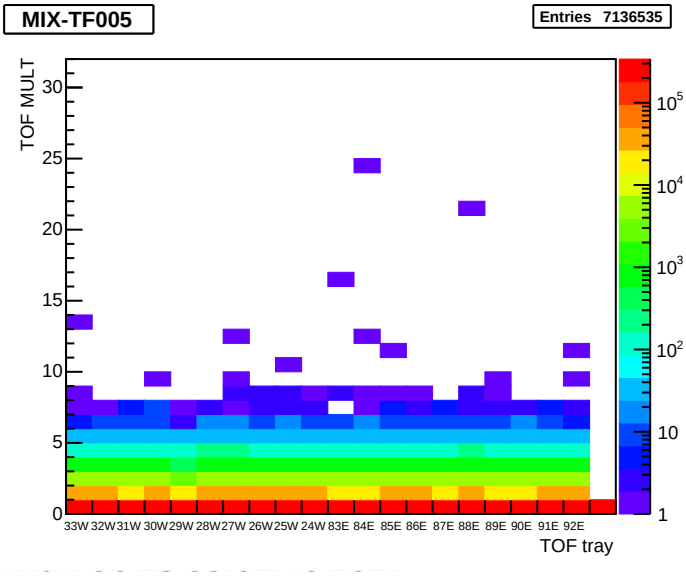

BunchId7Bit (MTD-th2)
Entries 19555
10^2
0
20
40
60
80
100
120

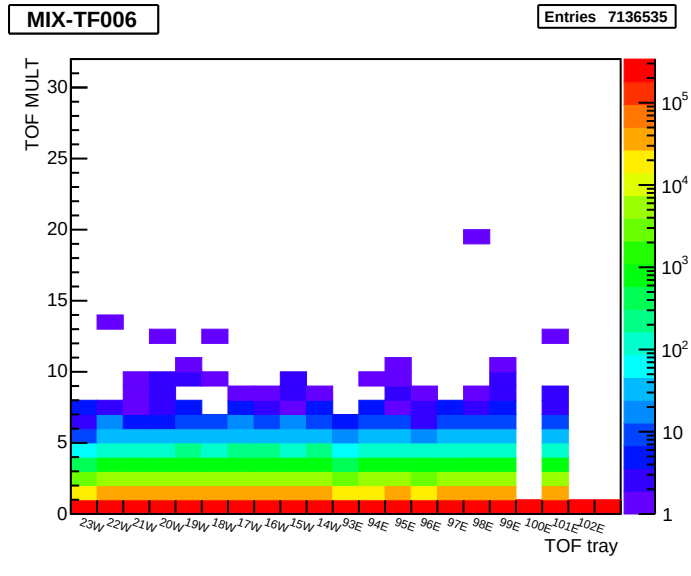

MIX-TF001
Entries 7136535
TOF MULT
TOF tray

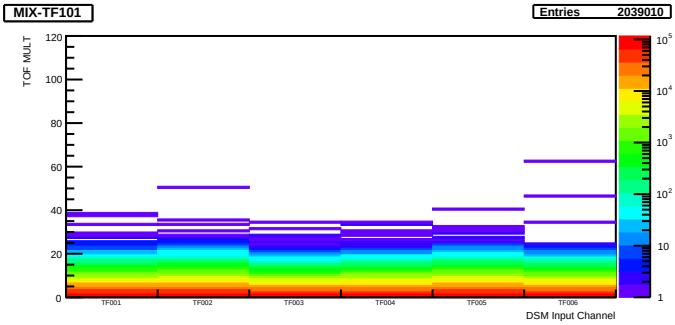

MIX-TF002
Entries 7136535
TOF MULT
TOF tray

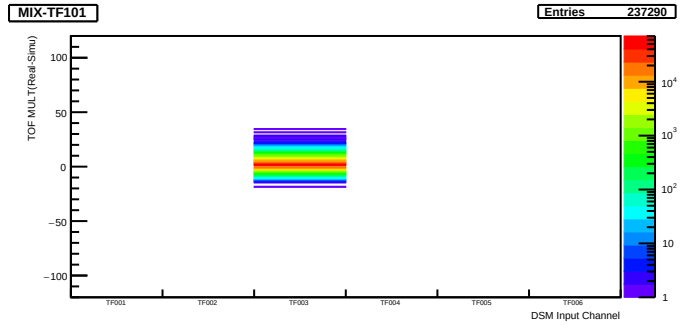

MIX-TF003
Entries 7136535
TOF MULT
TOF tray

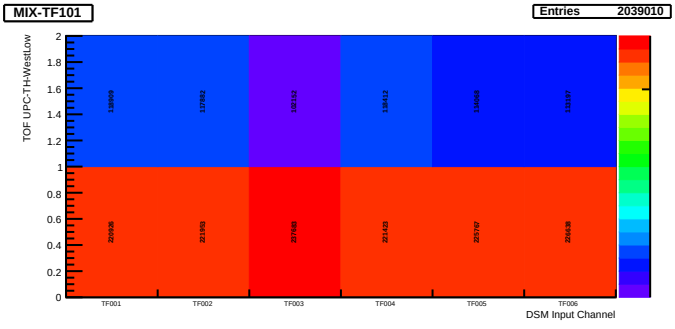

MIX-TF004
Entries 7136535
TOF MULT
TOF tray

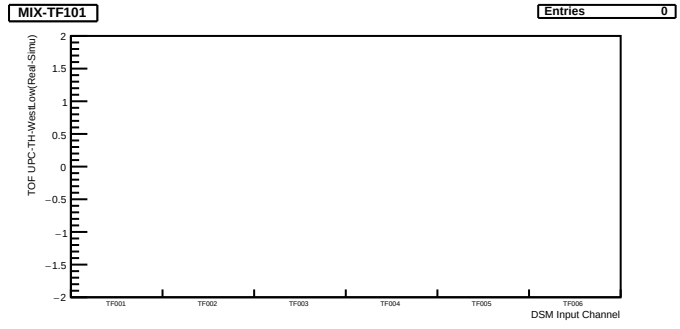

MIX-TF005
Entries 7136535
TOF MULT
TOF tray

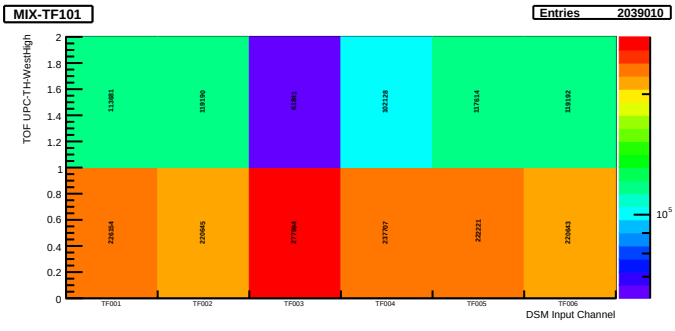

MIX-TF006
Entries 7136535
TOF MULT
TOF tray

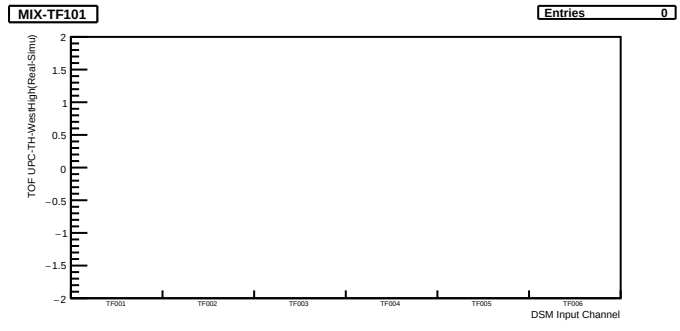

MIX-TF101
Entries 2039010
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

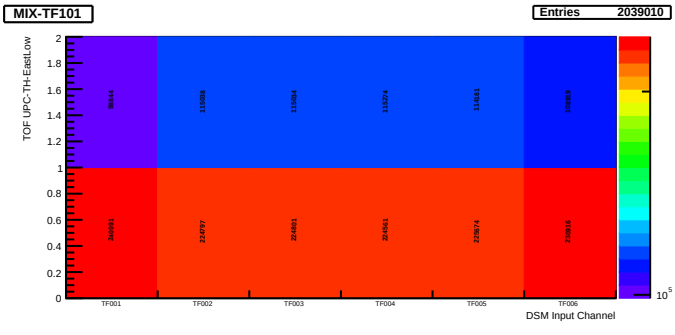

MIX-TF101
Entries 237290
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

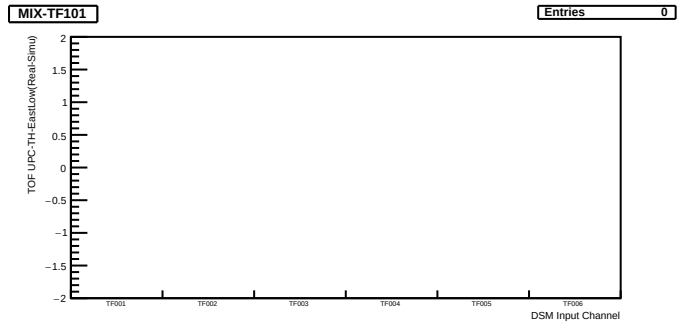

MIX-TF101
Entries 2039010
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

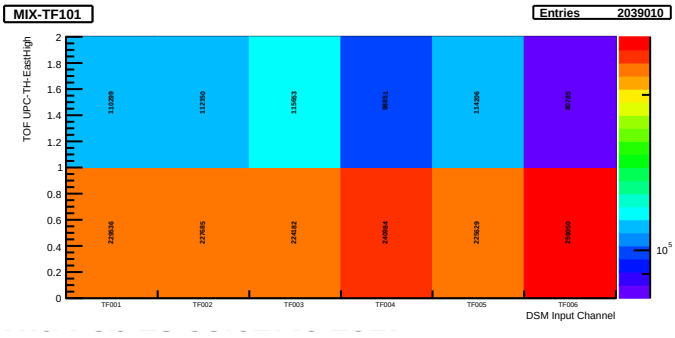

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

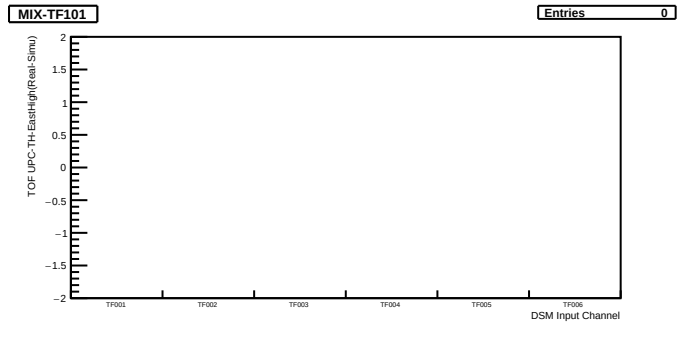

MIX-TF101
Entries 2039010
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

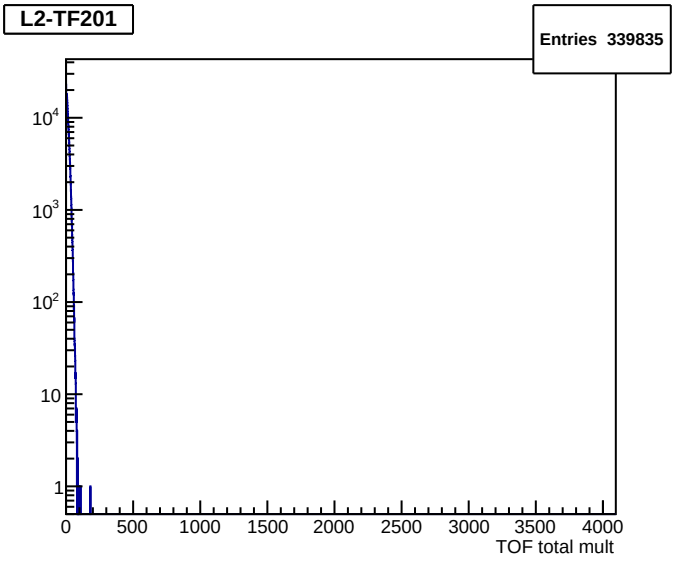

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

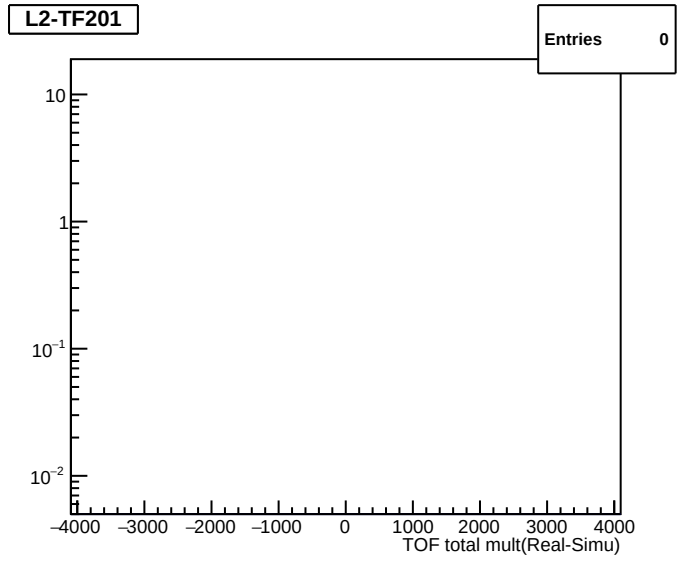

MIX-TF101
Entries 2039010
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

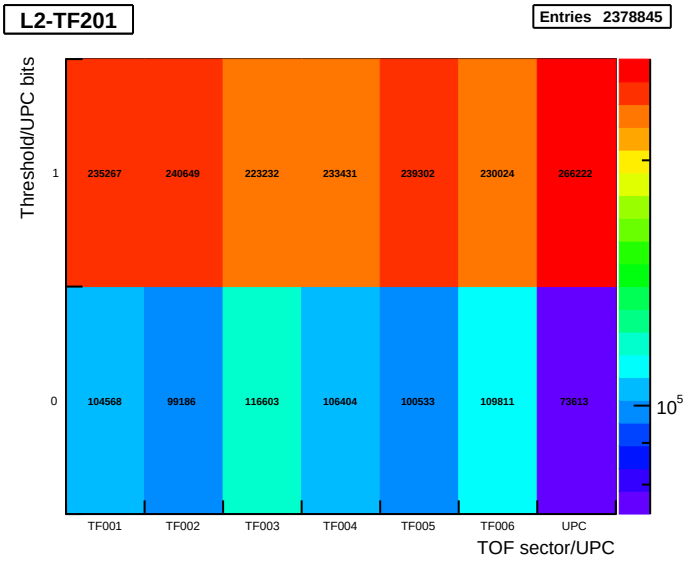

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

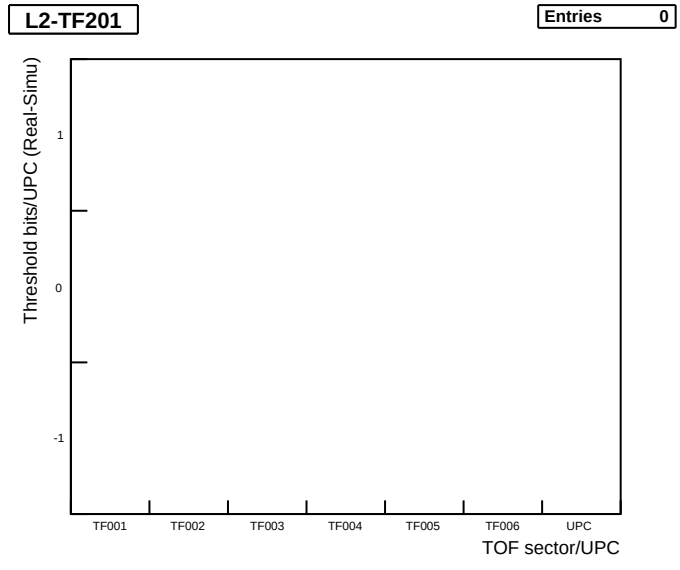

MIX-TF101
Entries 2039010
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

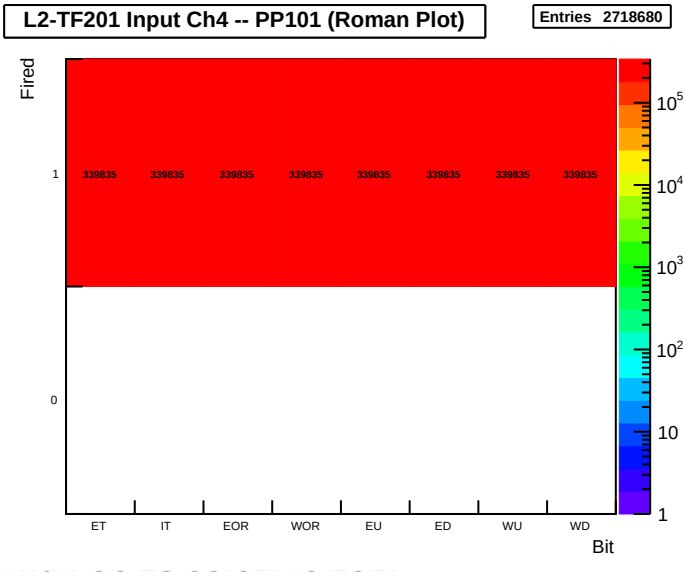

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

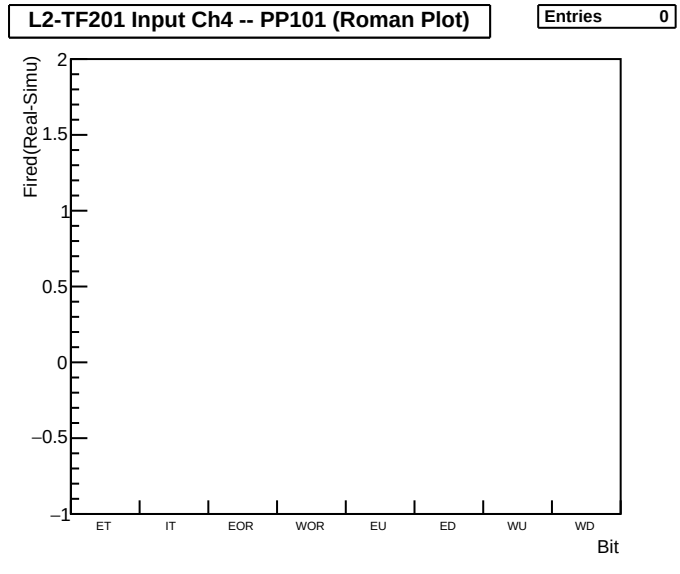

L2-TF201
Entries 339835
TOF total mult

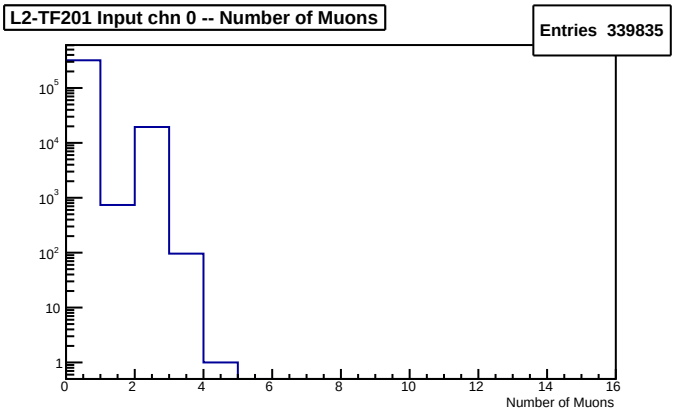

L2-TF201
Entries 0
TOF total mult(Real-Simu)

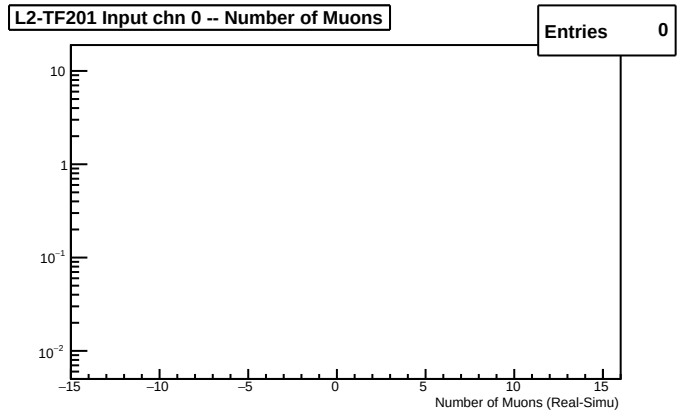

L2-TF201
Entries 2378845
Threshold/UPC bits
235267
240649
223232
233431
239302
230024
266222
104568
99186
116603
106404
100533
109811
73613
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

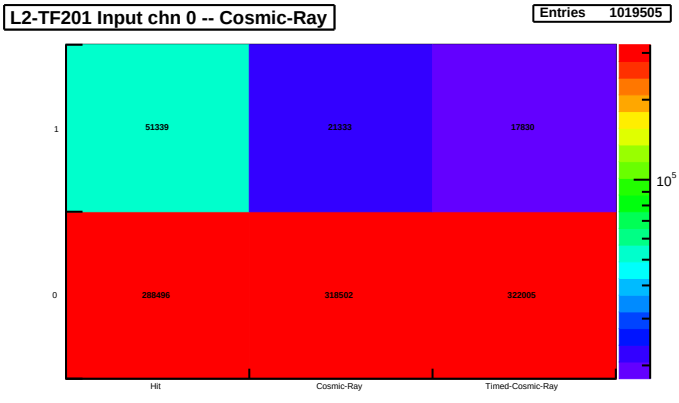

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

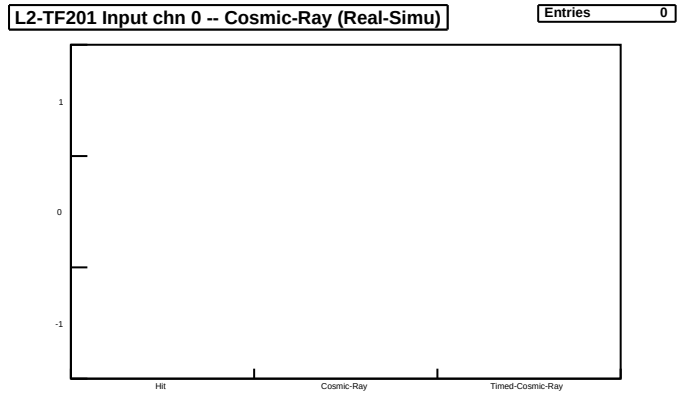

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2718680
Fired
339835
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

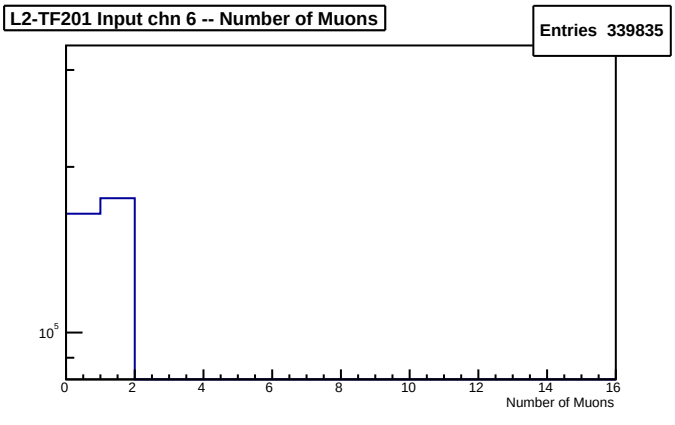

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

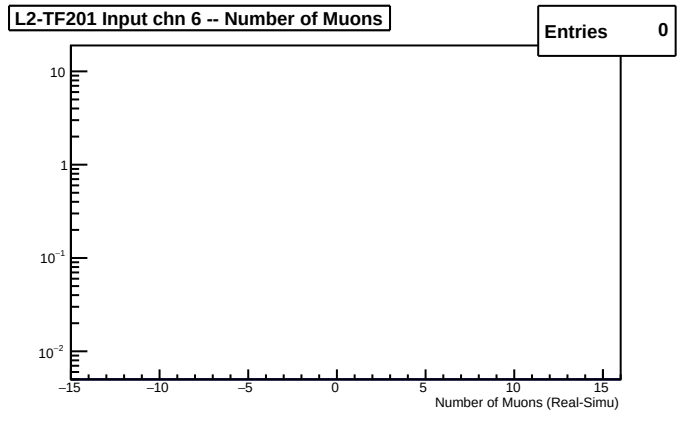

L2-TF201 Input chn 0 -- Number of Muons
Entries 339835
Number of Muons

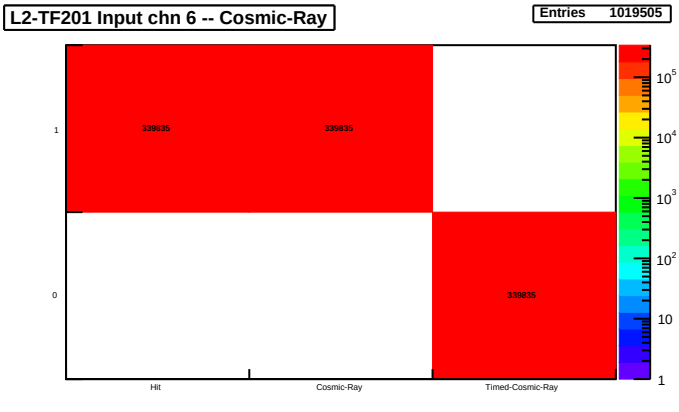

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

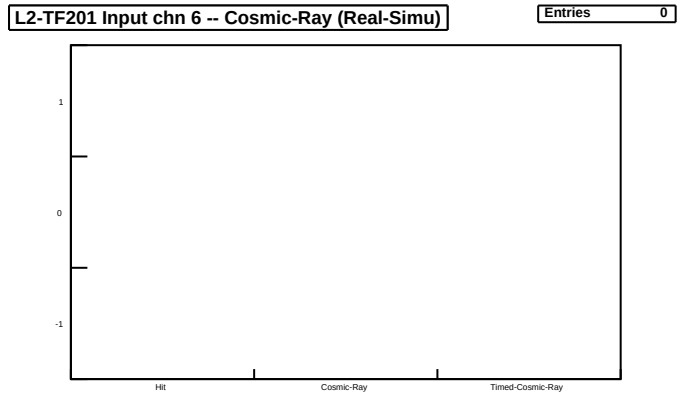

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1019505
51339
21333
17830
288496
318502
322005
Hit
Cosmic-Ray
Timed-Cosmic-Ray

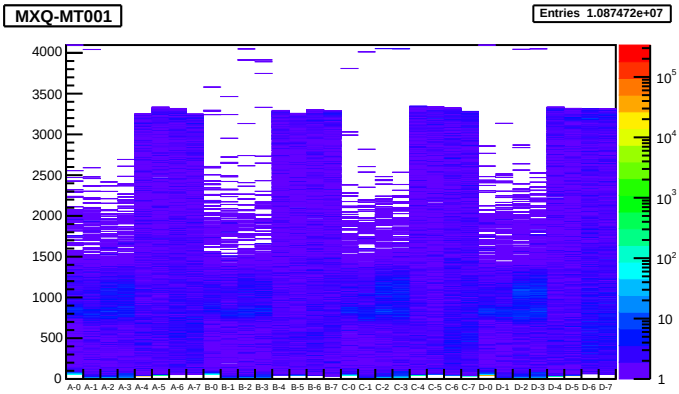

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

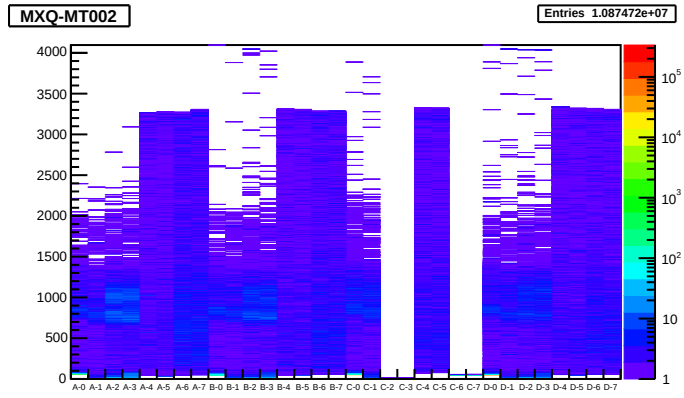

L2-TF201 Input chn 6 -- Number of Muons
Entries 339835
Number of Muons

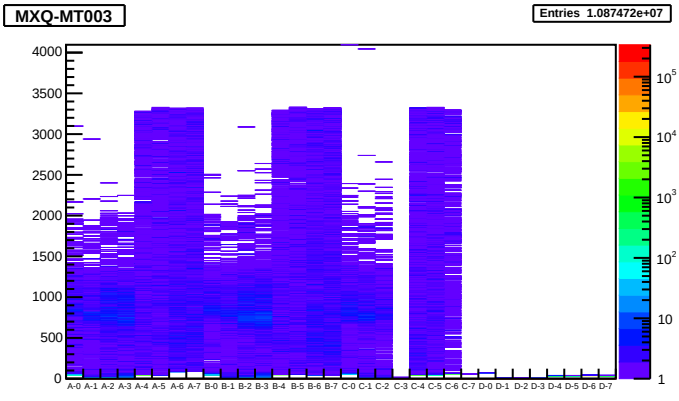

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

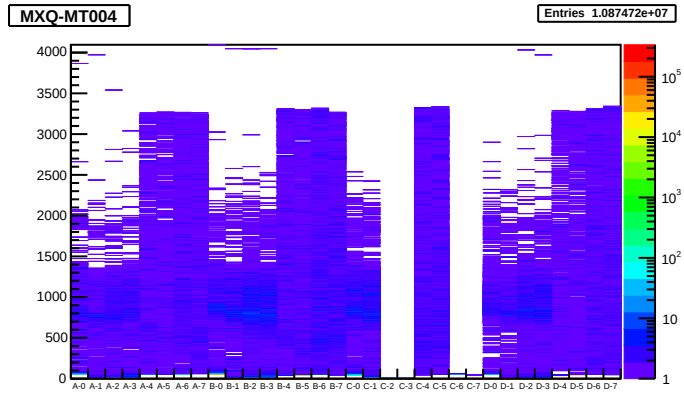

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1019505
339835
339835
339835
Hit
Cosmic-Ray
Timed-Cosmic-Ray

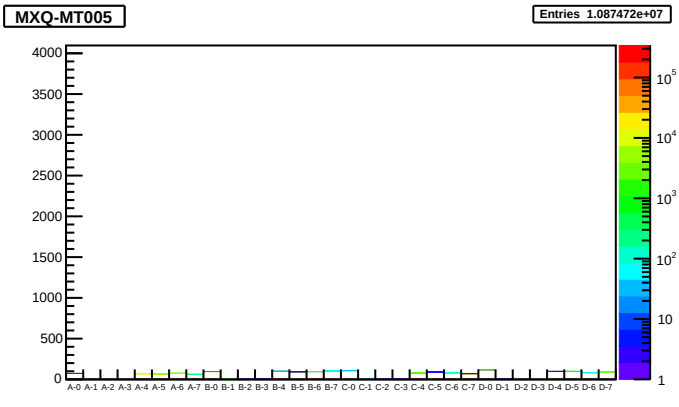

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

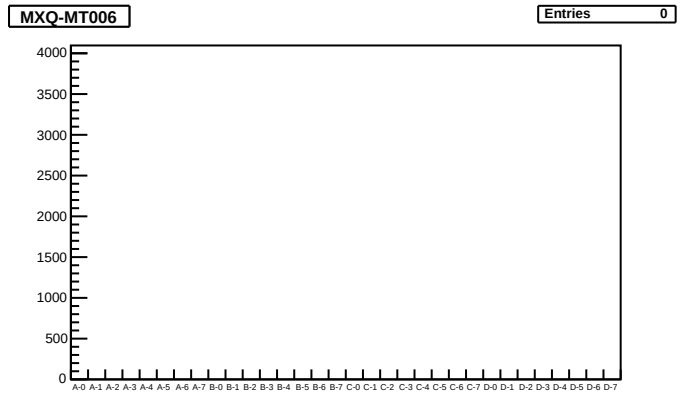

MXQ-MT001
Entries 1.087472e+07

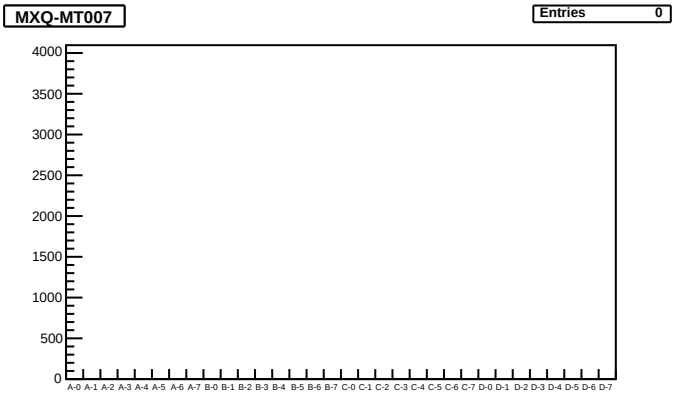

MXQ-MT002
Entries 1.087472e+07

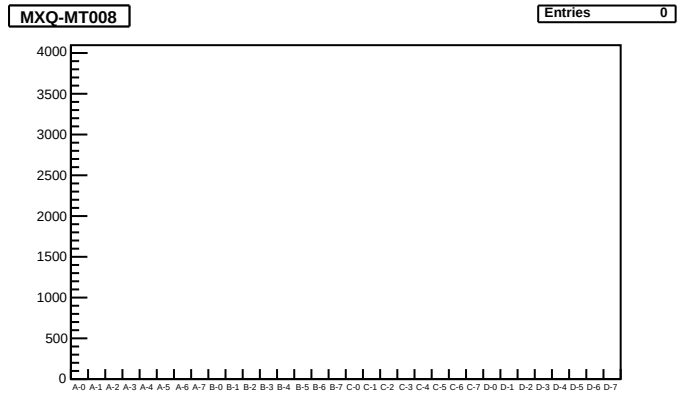

MXQ-MT003
Entries 1.087472e+07

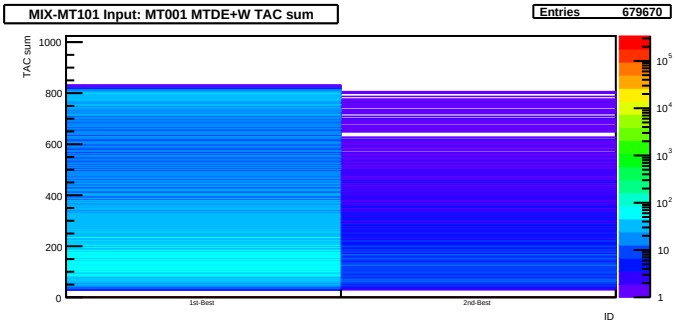

MXQ-MT004
Entries 1.087472e+07

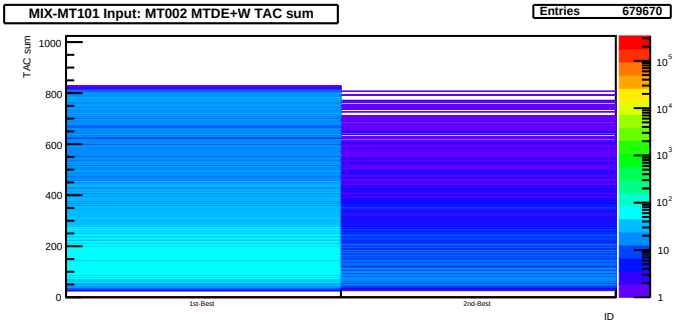

MXQ-MT005
Entries 1.087472e+07

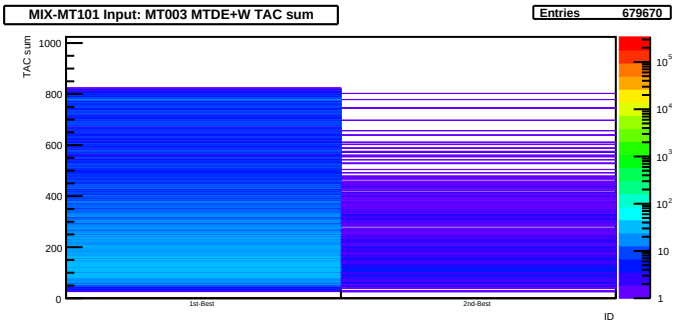

MXQ-MT006
Entries 0

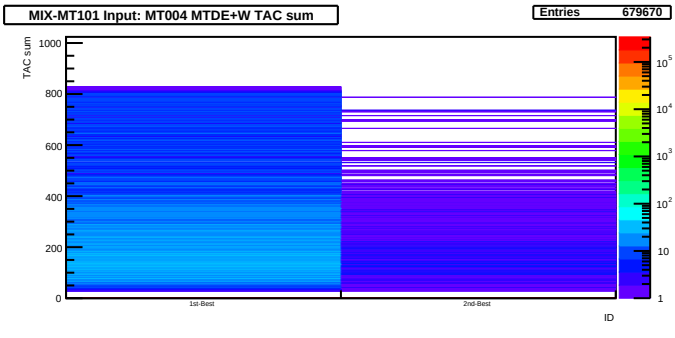

MXQ-MT007
Entries 0

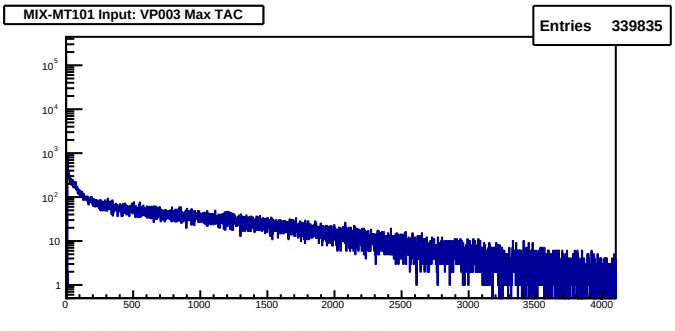

MXQ-MT008
Entries 0

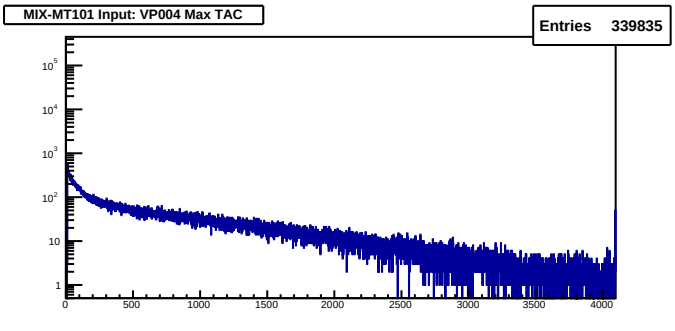

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 679670
TAC sum
1st-Best
2nd-Best
ID

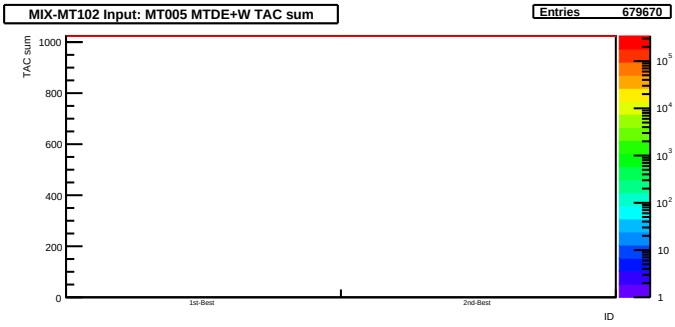

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 679670
TAC sum
1st-Best
2nd-Best
ID

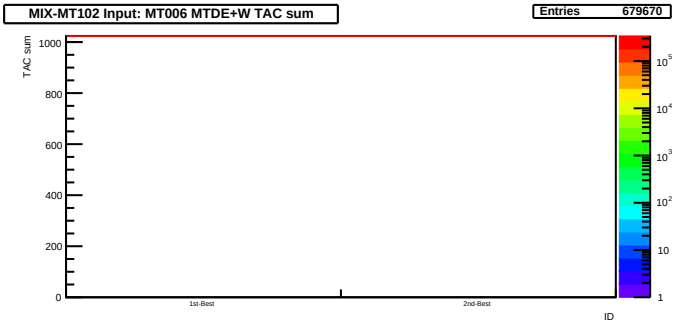

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 679670
TAC sum
1st-Best
2nd-Best
ID

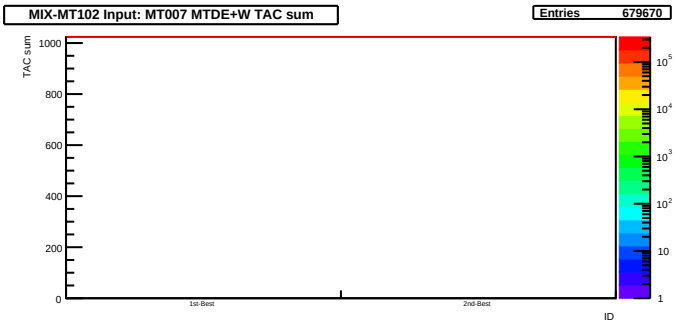

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 679670
TAC sum
1st-Best
2nd-Best
ID

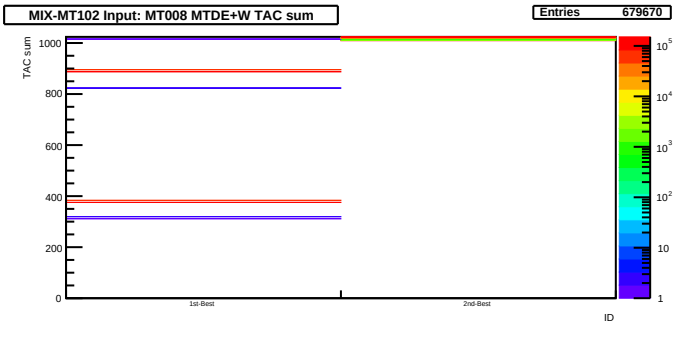

MIX-MT101 Input: VP003 Max TAC
Entries 339835

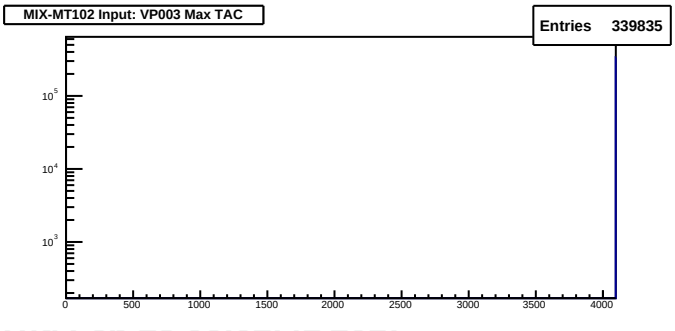

MIX-MT101 Input: VP004 Max TAC
Entries 339835

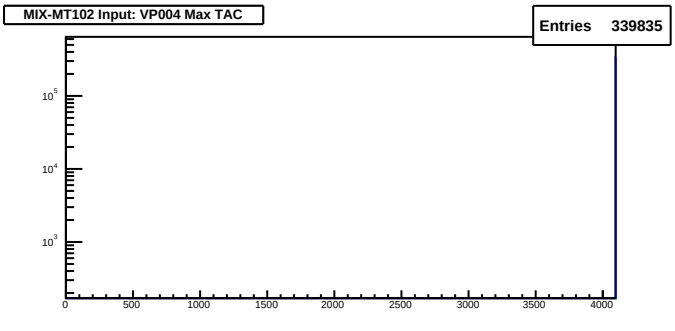

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 679670
TAC sum
1st-Best
2nd-Best
ID

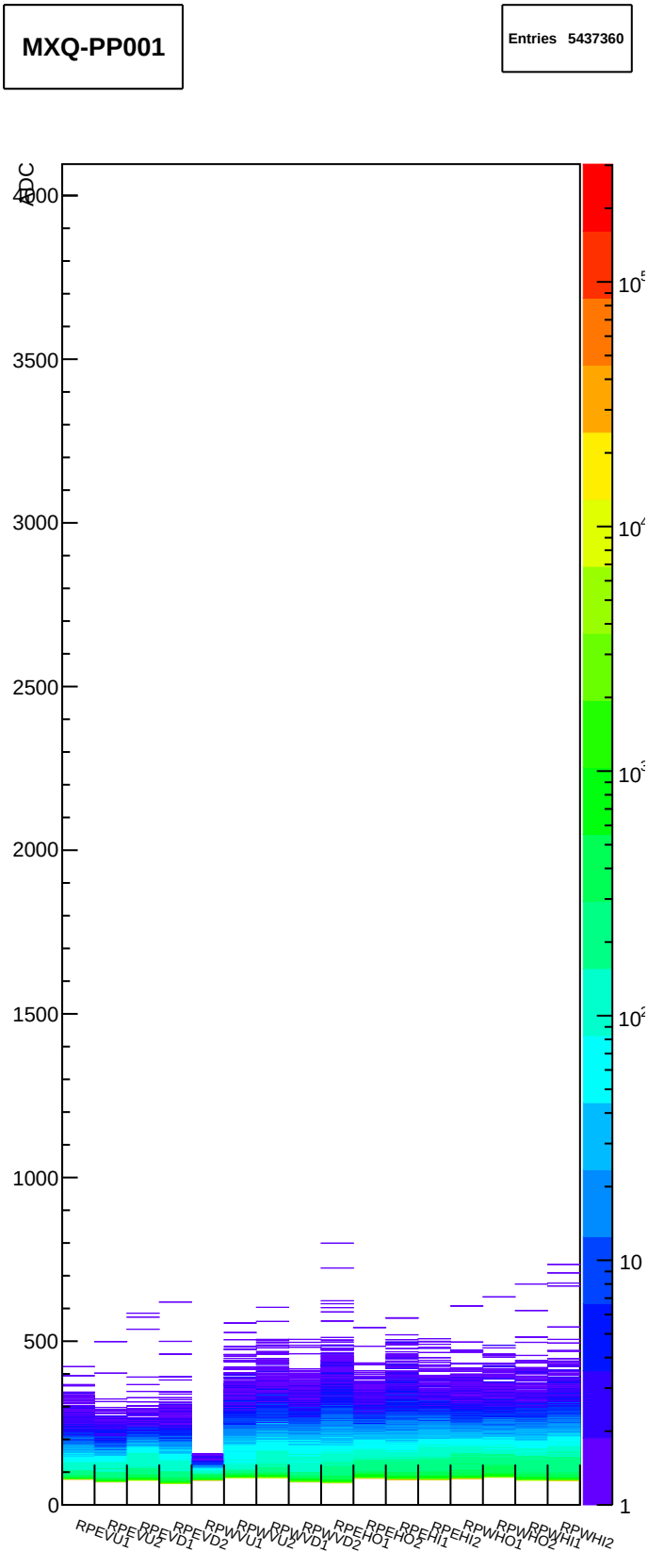

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 679670
TAC sum
1st-Best
2nd-Best
ID

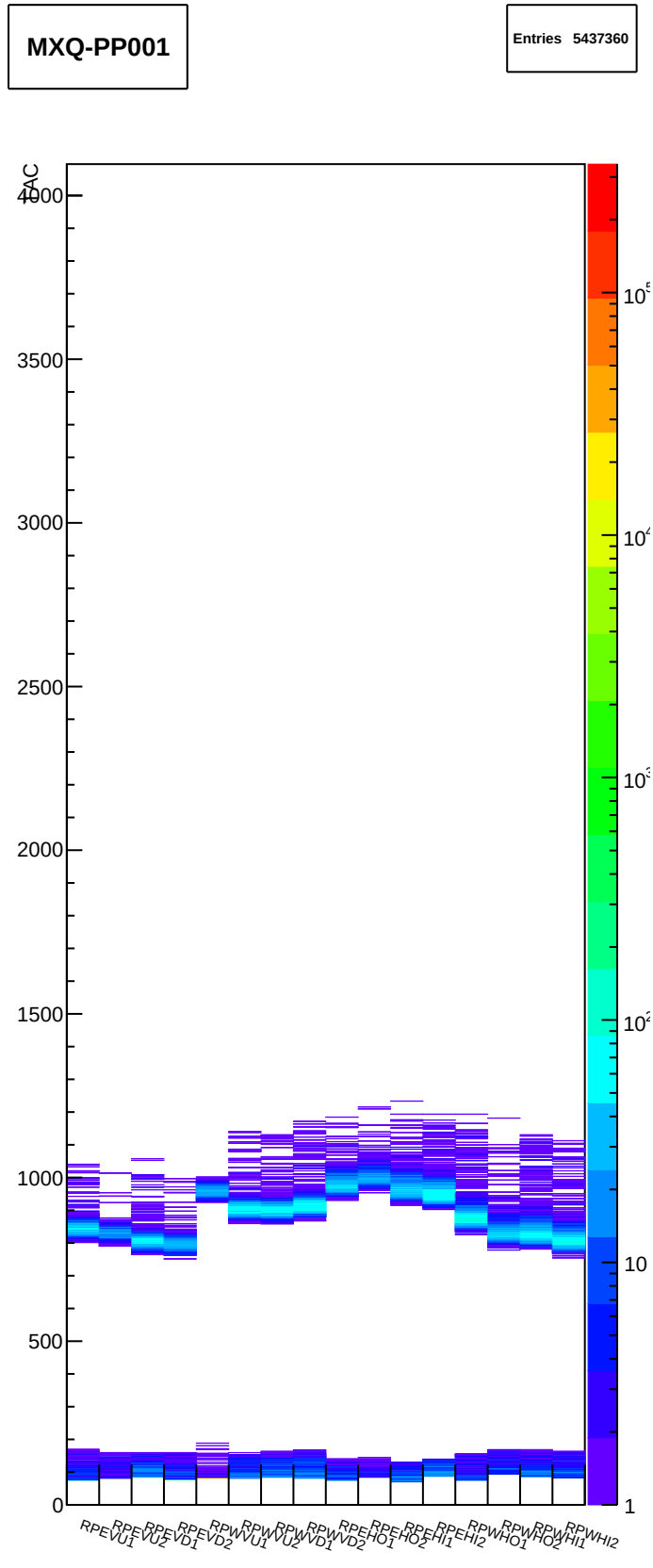

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 679670
TAC sum
1st-Best
2nd-Best
ID

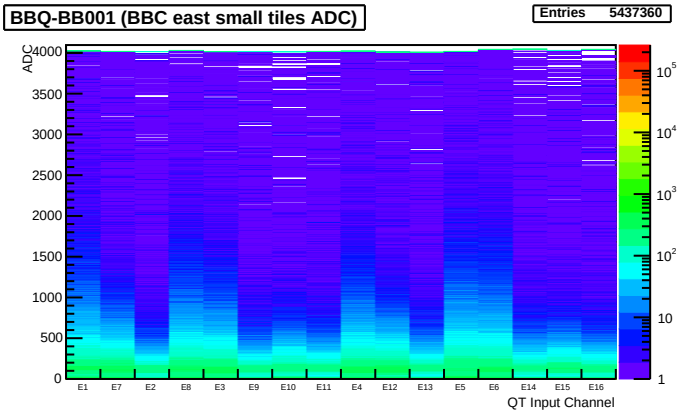

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 679670
TAC sum
1st-Best
2nd-Best
ID

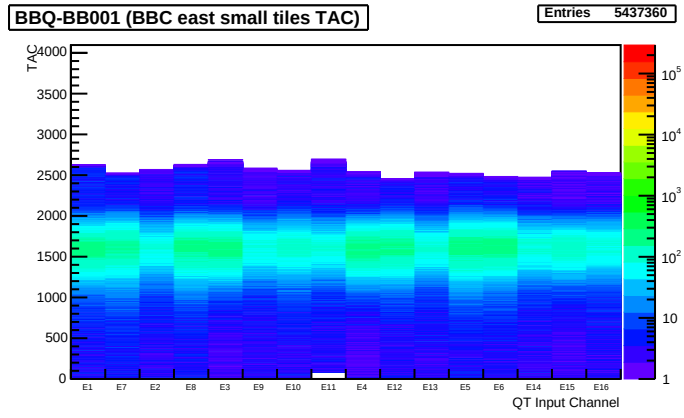

MIX-MT102 Input: VP003 Max TAC
Entries 339835

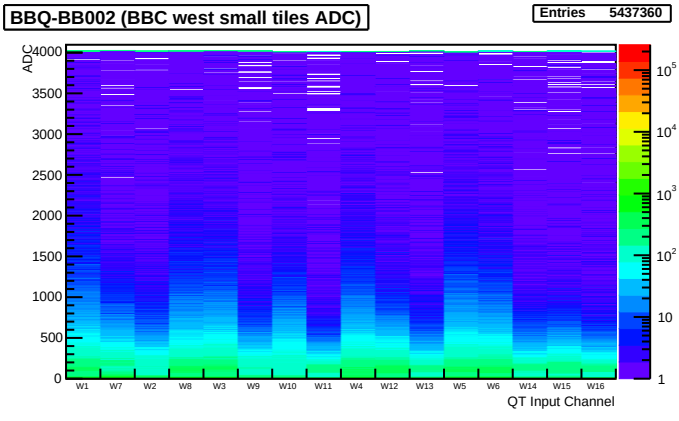

MIX-MT102 Input: VP004 Max TAC
Entries 339835

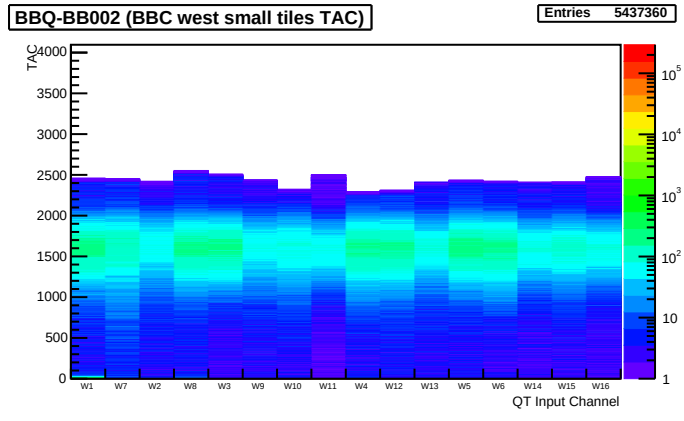

MXQ-PP001
Entries 5437360
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

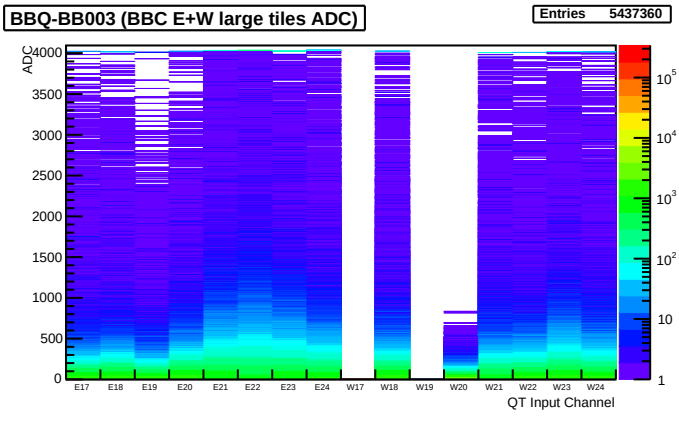

MXQ-PP001
Entries 5437360
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

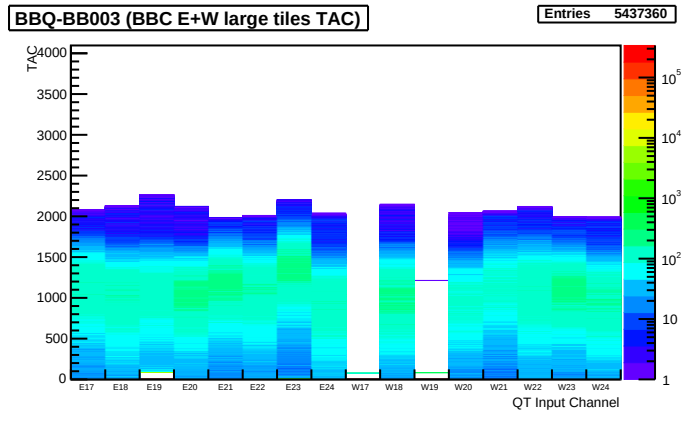

BBQ-BB001 (BBC east small tiles ADC)
Entries 5437360
ADC
QT Input Channel

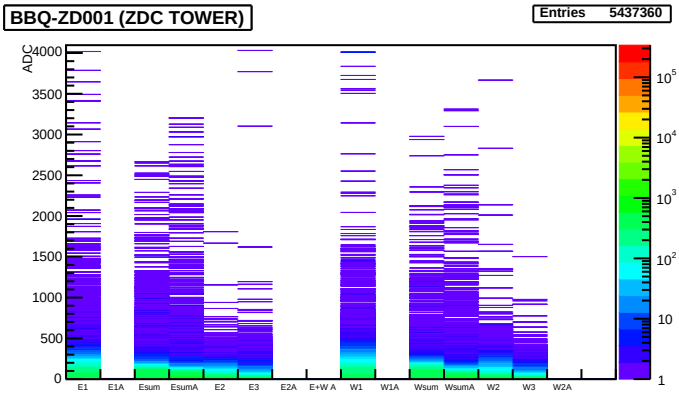

BBQ-BB001 (BBC east small tiles TAC)
Entries 5437360
TAC
QT Input Channel

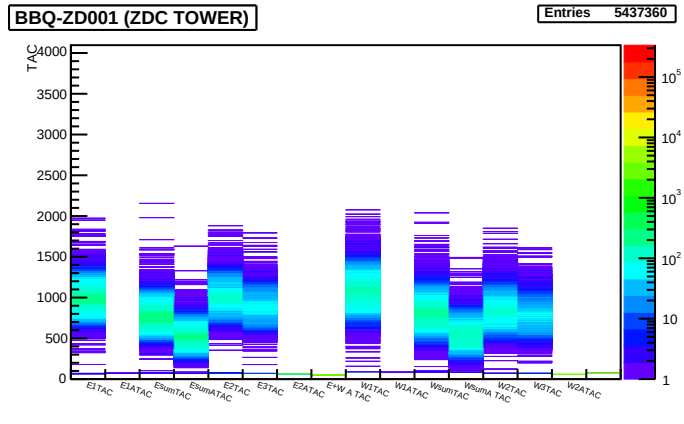

BBQ-BB002 (BBC west small tiles ADC)
Entries 5437360
ADC
QT Input Channel

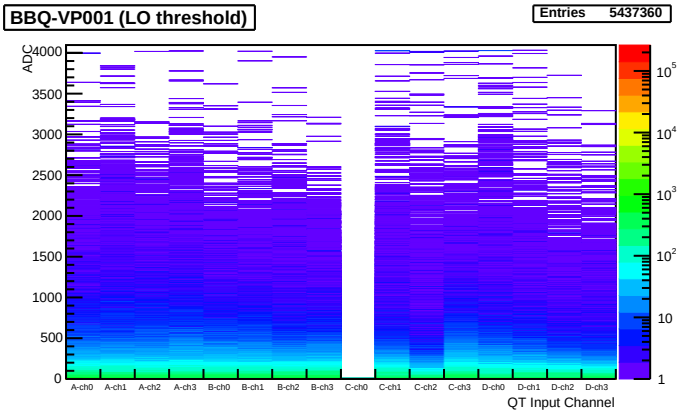

BBQ-BB002 (BBC west small tiles TAC)
Entries 5437360
TAC
QT Input Channel

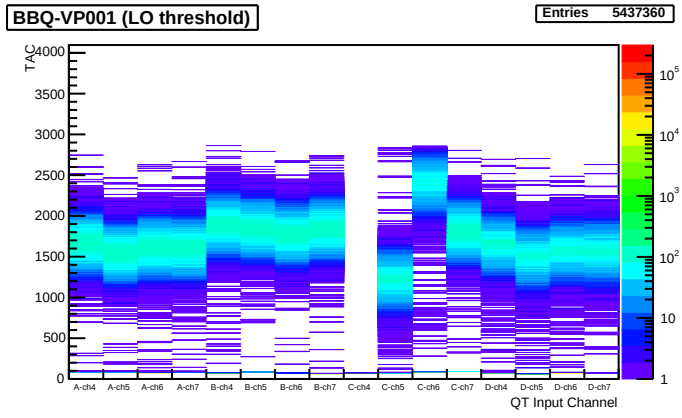

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5437360
ADC
QT Input Channel

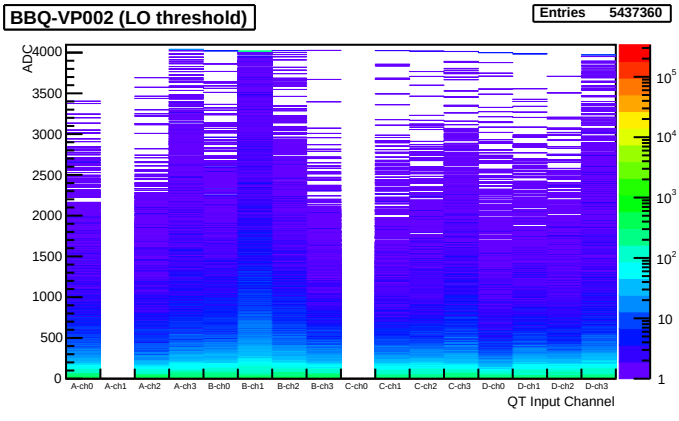

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5437360
TAC
QT Input Channel

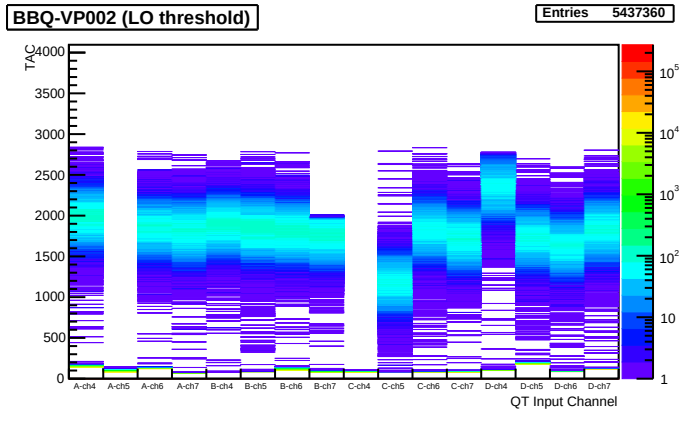

BBQ-ZD001 (ZDC TOWER)
Entries 5437360
ADC

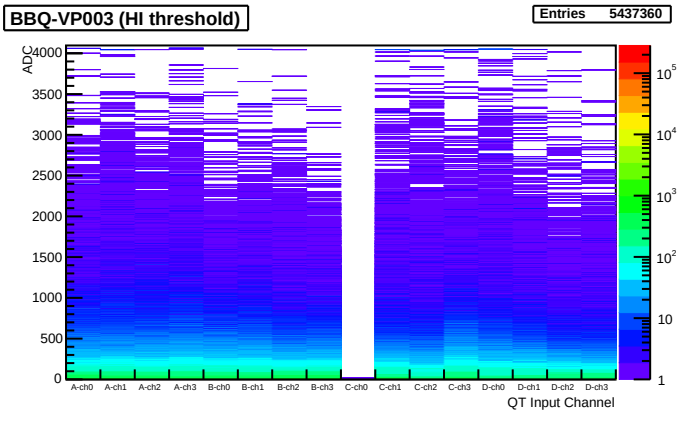

BBQ-ZD001 (ZDC TOWER)
Entries 5437360
TAC

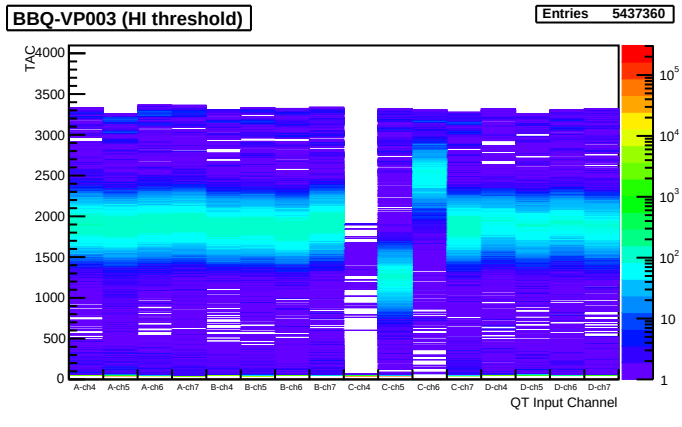

BBQ-VP001 (LO threshold)
Entries 5437360
ADC
QT Input Channel

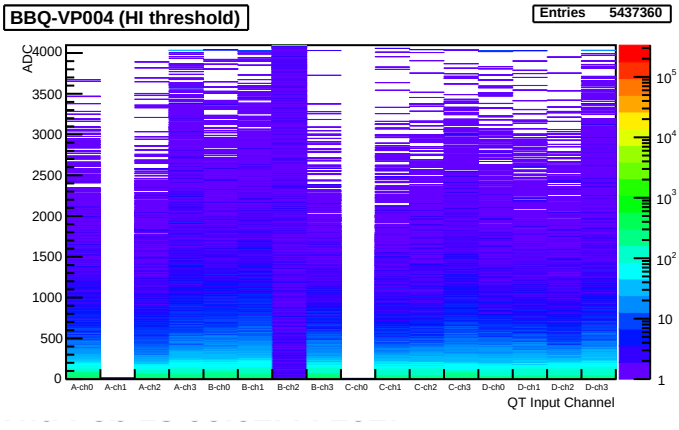

BBQ-VP001 (LO threshold)
Entries 5437360
TAC
QT Input Channel

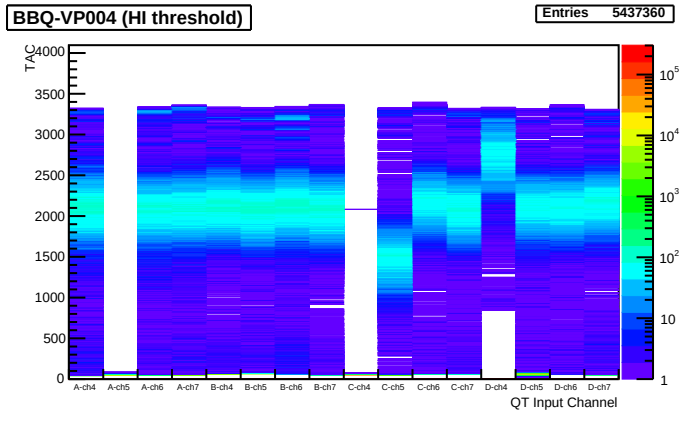

BBQ-VP002 (LO threshold)
Entries 5437360
ADC
QT Input Channel

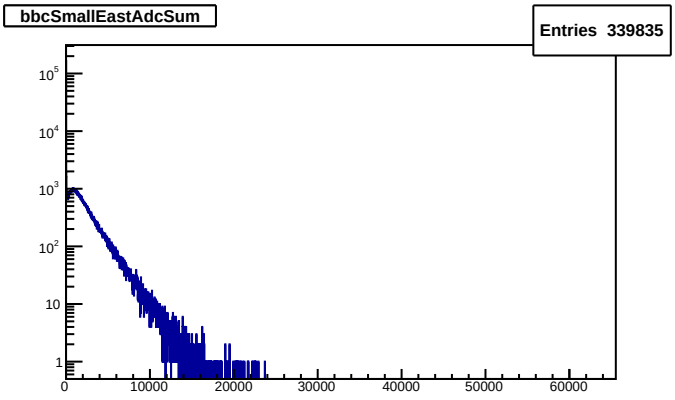

BBQ-VP002 (LO threshold)
Entries 5437360
TAC
QT Input Channel

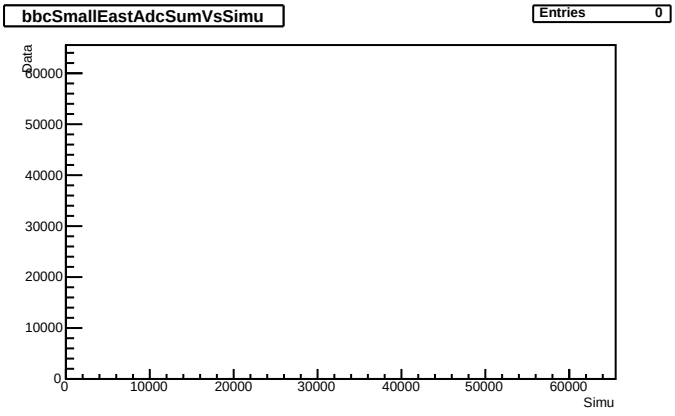

BBQ-VP003 (HI threshold)
Entries 5437360
ADC
QT Input Channel

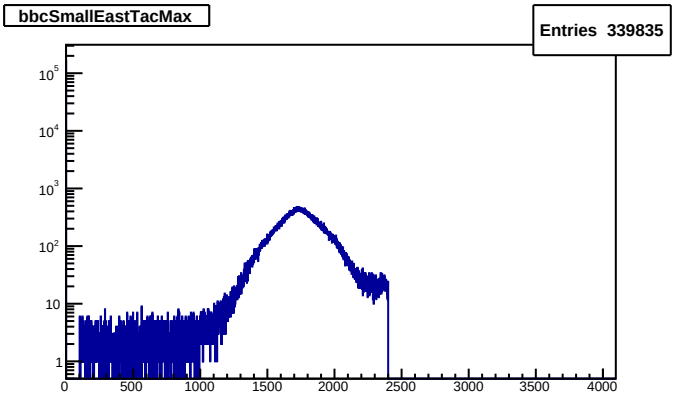

BBQ-VP003 (HI threshold)
Entries 5437360
TAC
QT Input Channel

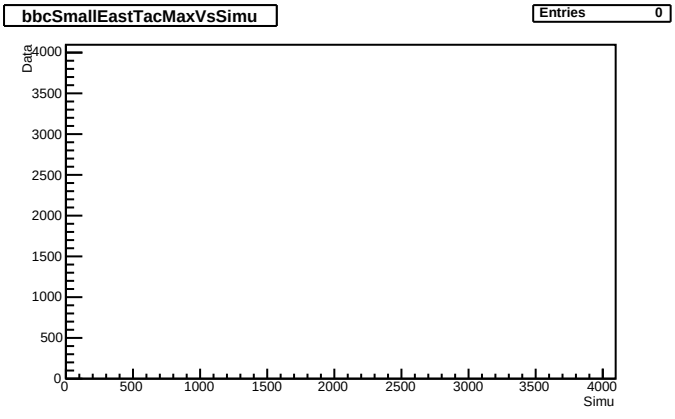

BBQ-VP004 (HI threshold)
Entries 5437360
ADC
QT Input Channel

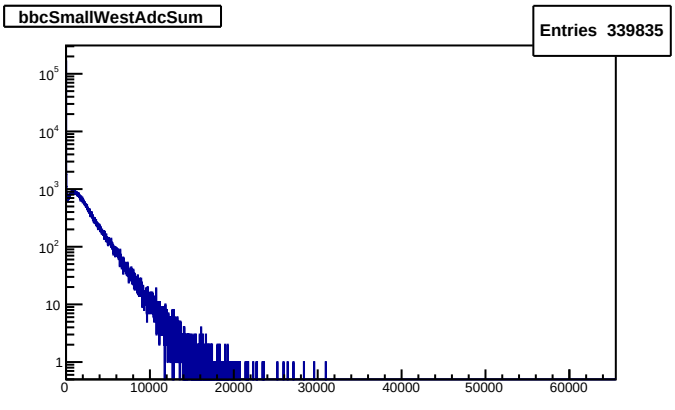

BBQ-VP004 (HI threshold)
Entries 5437360
TAC
QT Input Channel

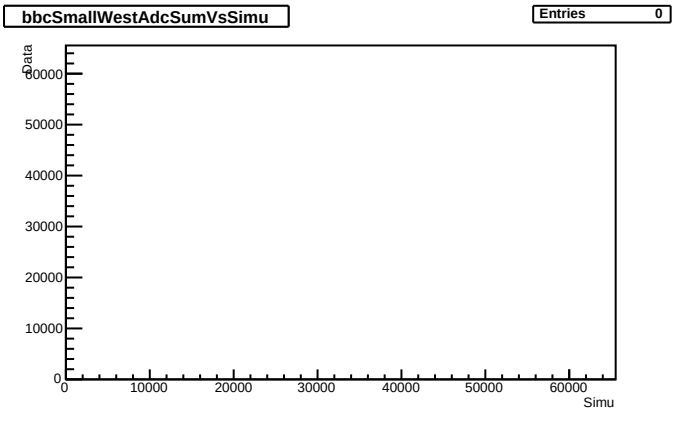

bbcSmallEastAdcSum
Entries 339835

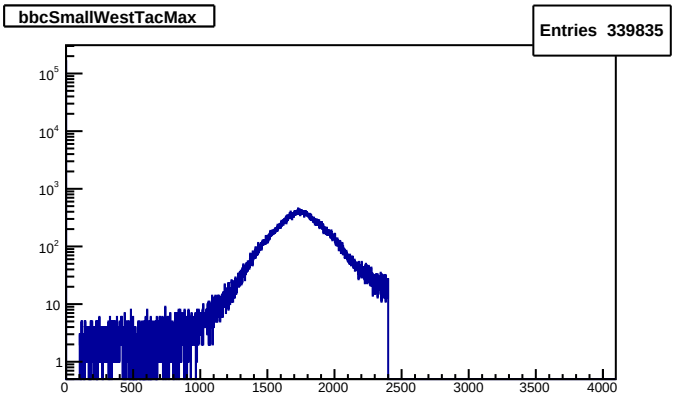

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

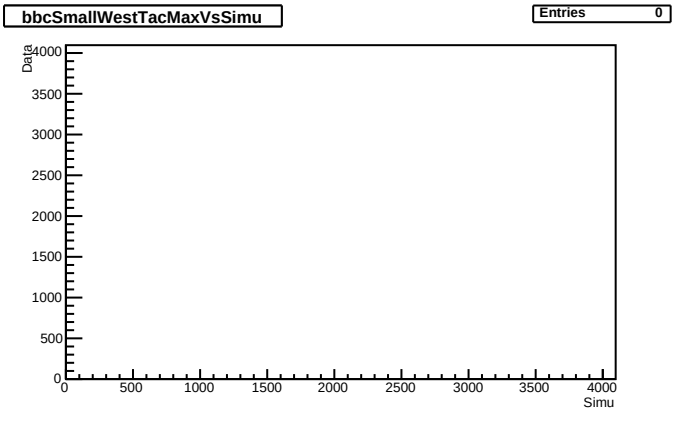

bbcSmallEastTacMax
Entries 339835

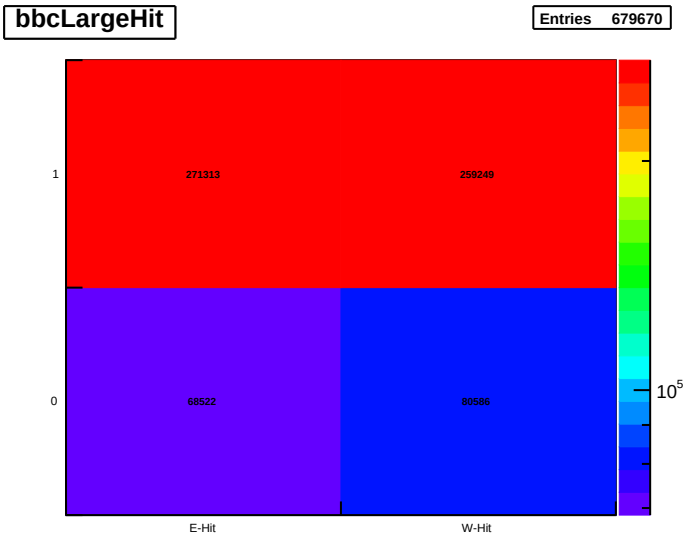

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

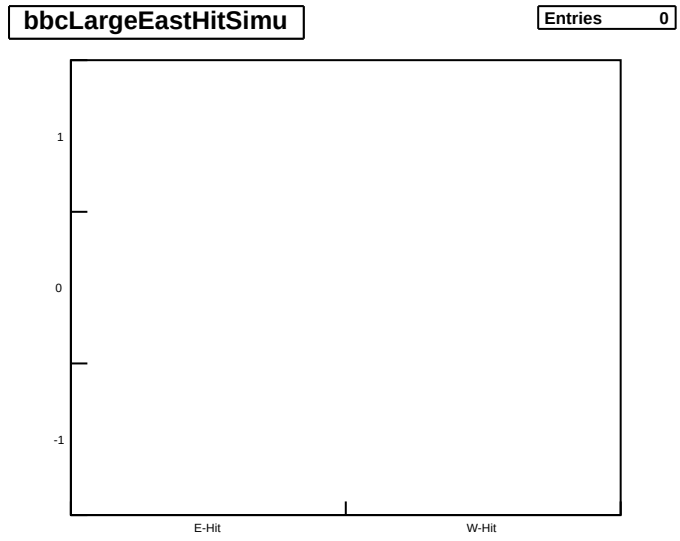

bbcSmallWestAdcSum
Entries 339835

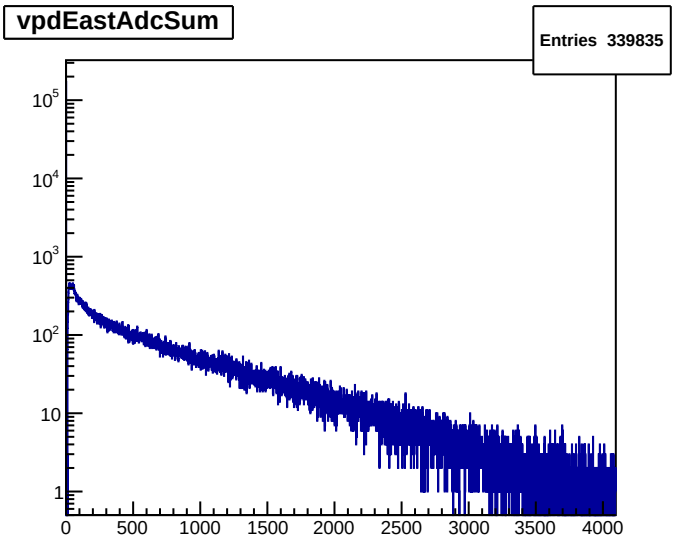

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

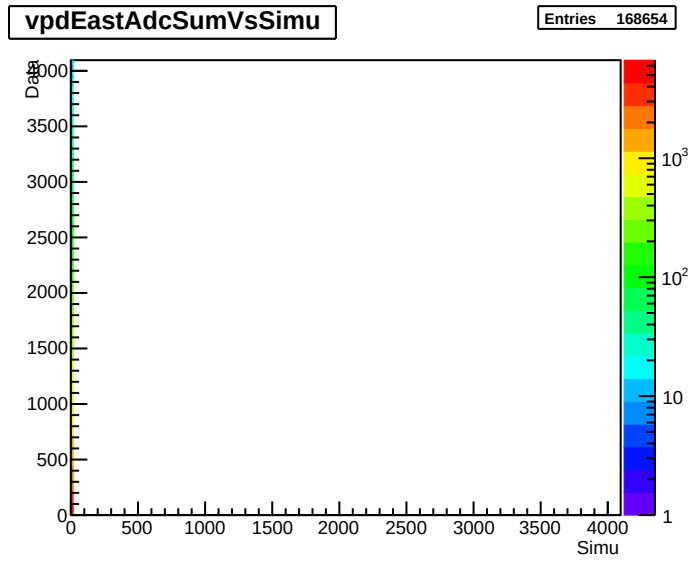

bbcSmallWestTacMax
Entries 339835

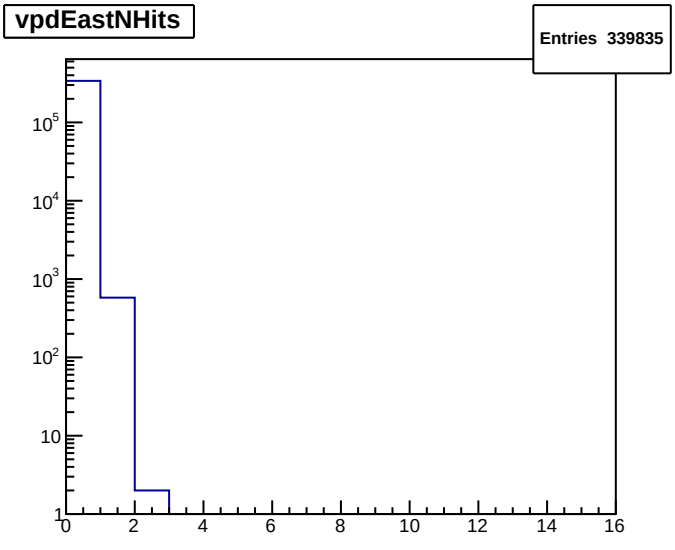

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

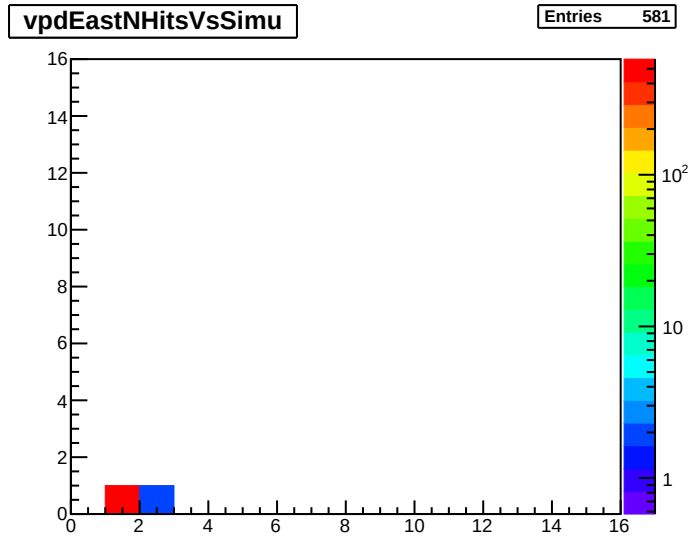

bbcLargeHit
Entries 679670
1
0
271313
259249
68522
80586
E-Hit
W-Hit
10^5

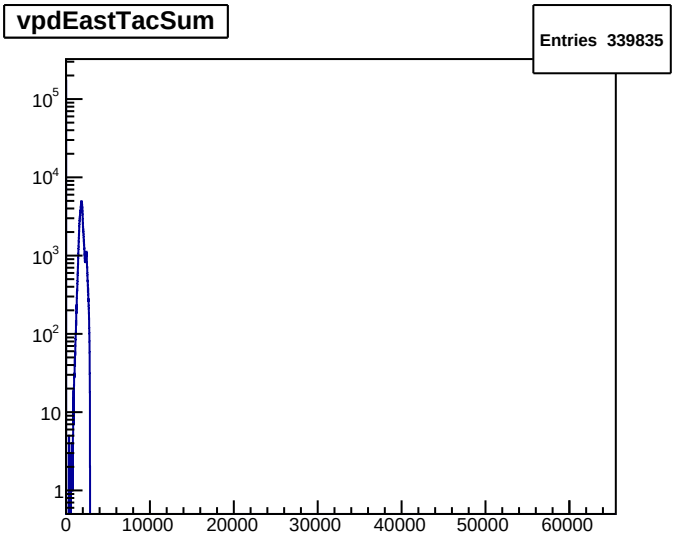

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

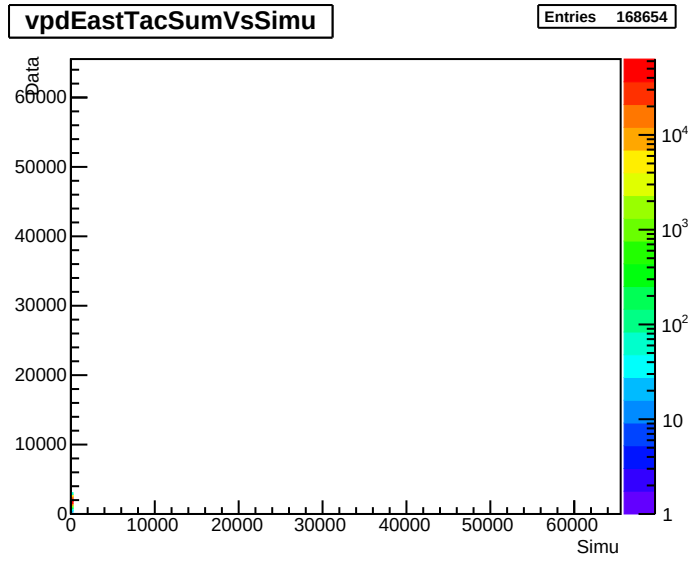

vpdEastAdcSum
Entries 339835

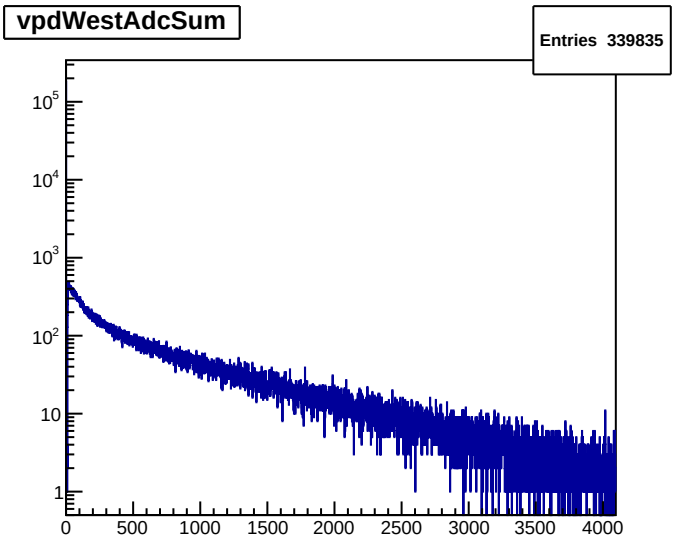

vpdEastAdcSumVsSimu
Entries 168654
Data
Simu

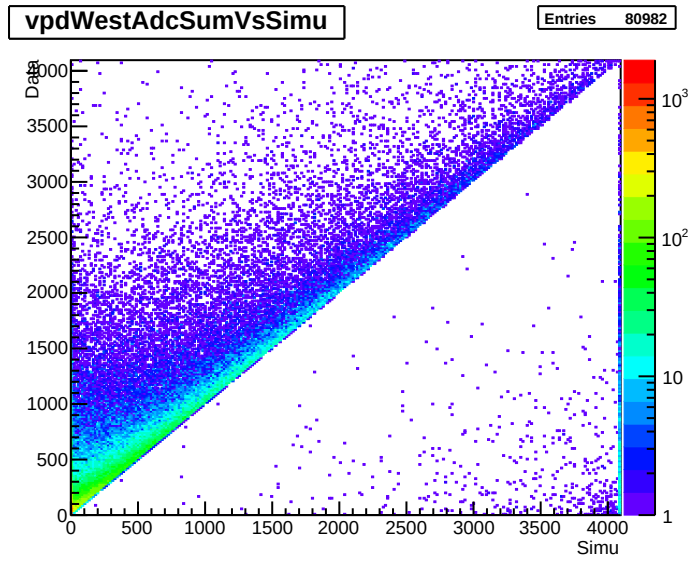

vpdEastNHits
Entries 339835

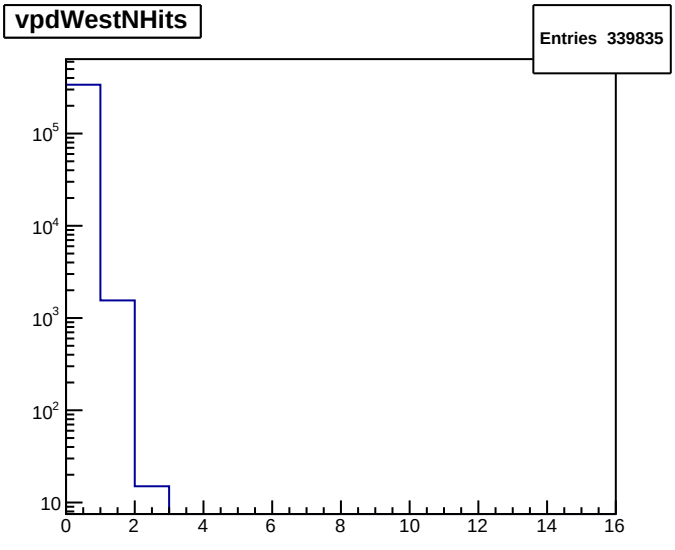

vpdEastNHitsVsSimu
Entries 581

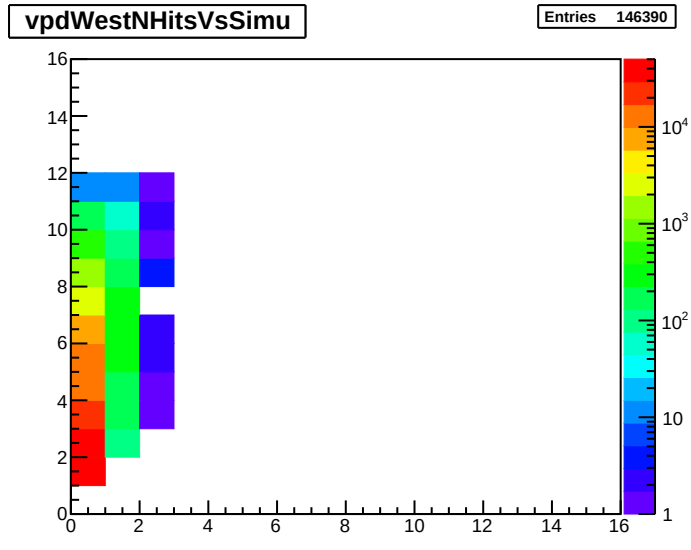

vpdEastTacSum
Entries 339835

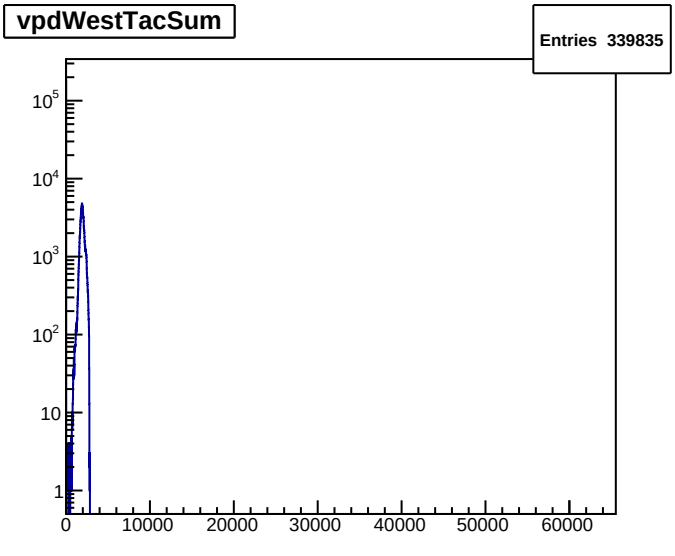

vpdEastTacSumVsSimu
Entries 168654
Data
Simu

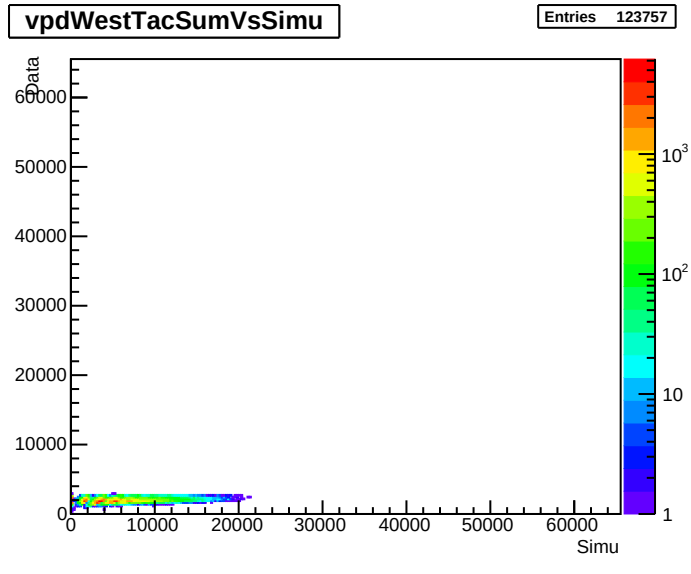

vpdWestAdcSum
Entries 339835

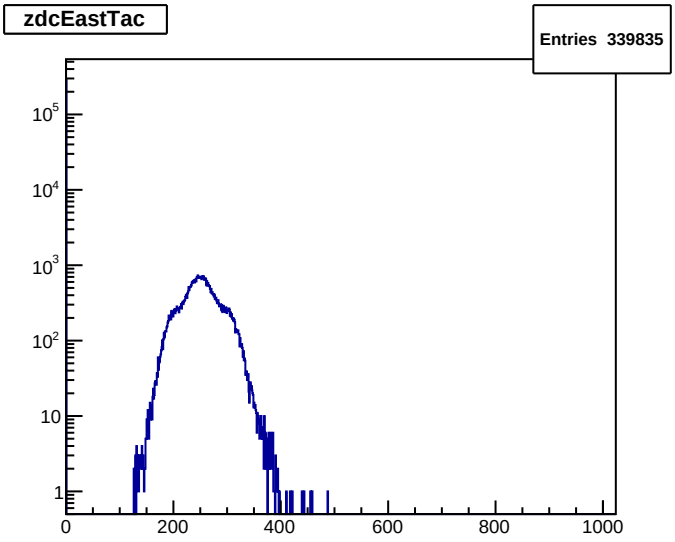

vpdWestAdcSumVsSimu
Entries 80982
Data
Simu

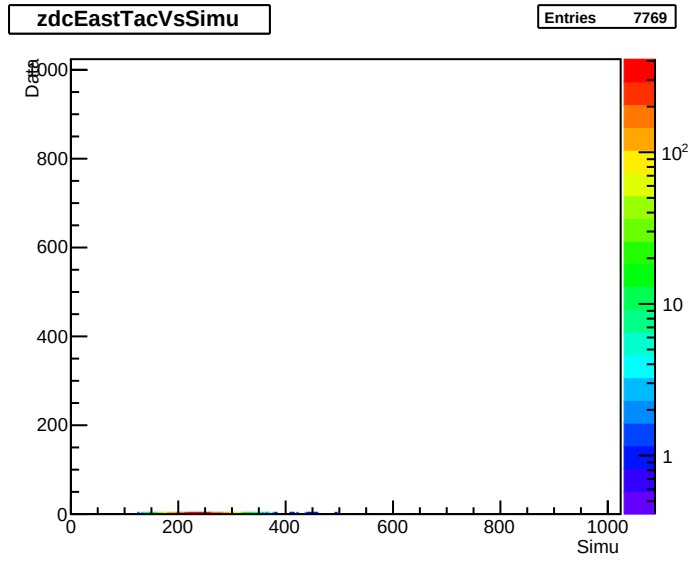

vpdWestNHits
Entries 339835

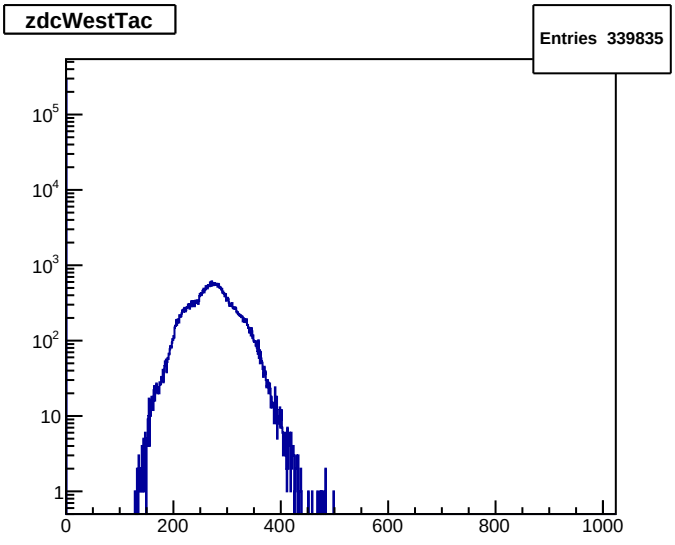

vpdWestNHitsVsSimu
Entries 146390

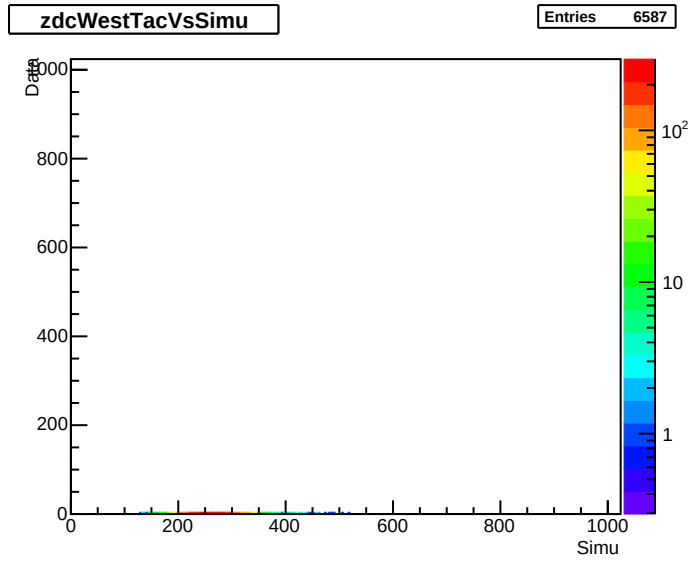

vpdWestTacSum
Entries 339835

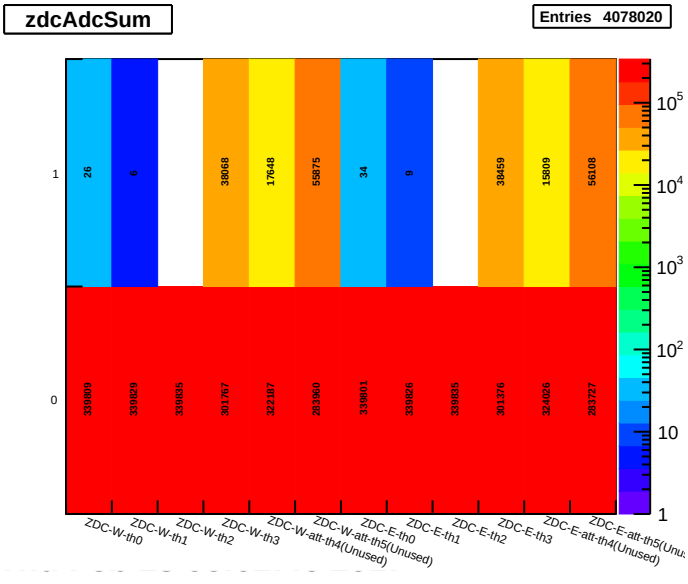

vpdWestTacSumVsSimu
Entries 123757
Data
Simu

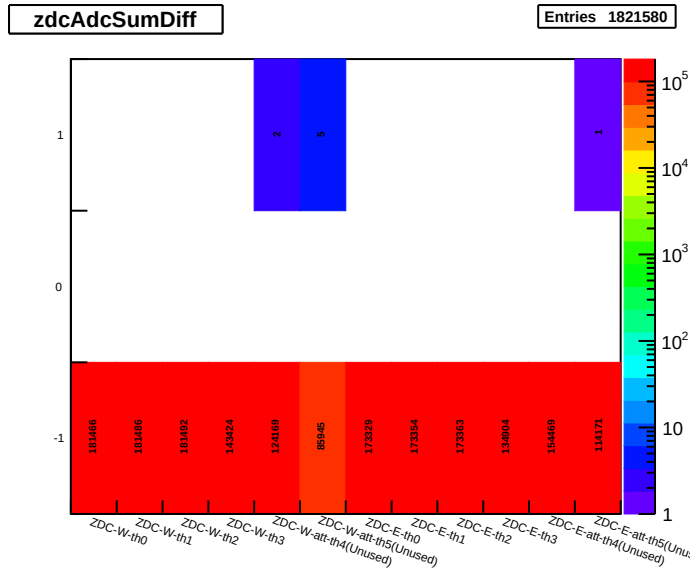

zdcEastTac
Entries 339835

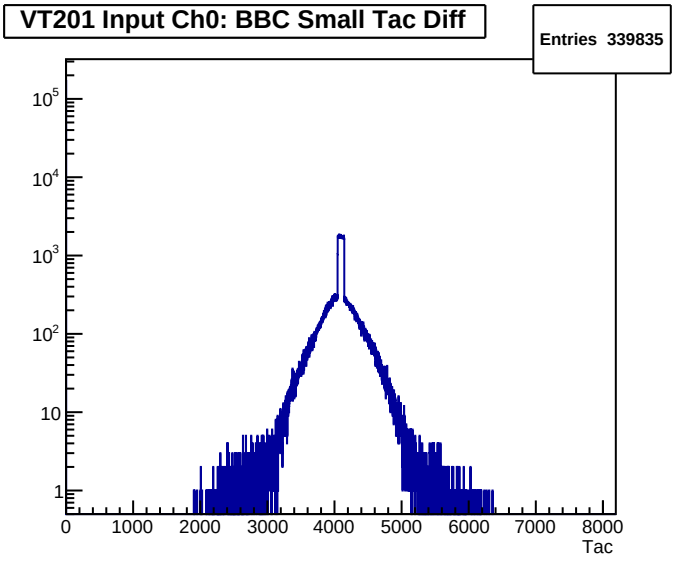

zdcEastTacVsSimu
Entries 7769
Data
Simu

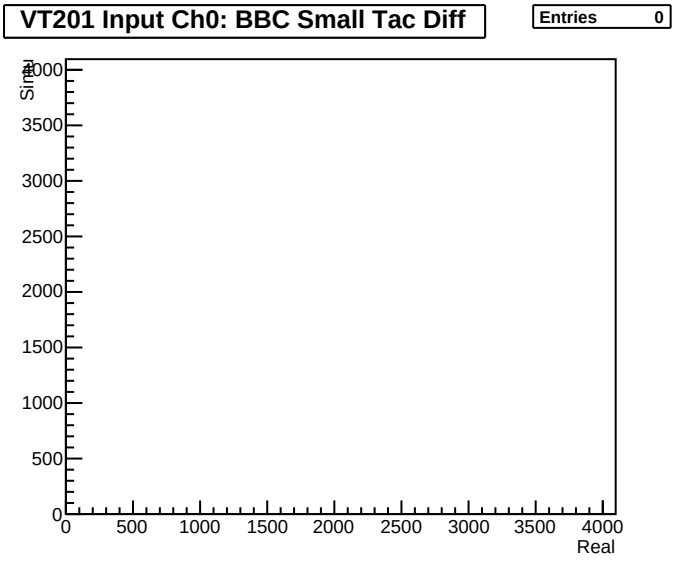

zdcWestTac
Entries 339835

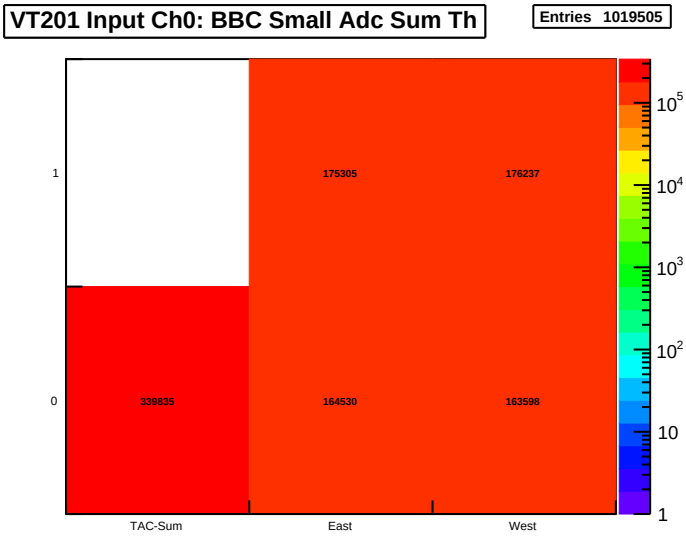

zdcWestTacVsSimu
Entries 6587
Data
Simu

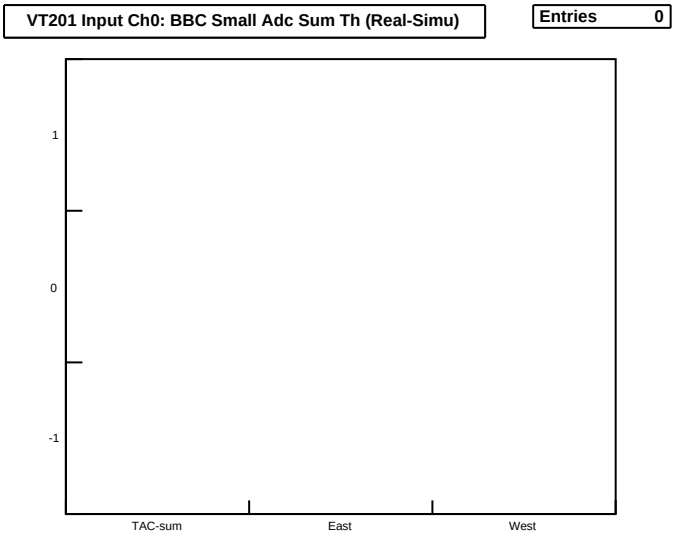

zdcAdcSum
Entries 4078020
26
6
38068
17648
55875
34
9
38459
15809
56108
339809
339829
339835
301767
322187
283960
339801
339826
339835
301376
324026
283727
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

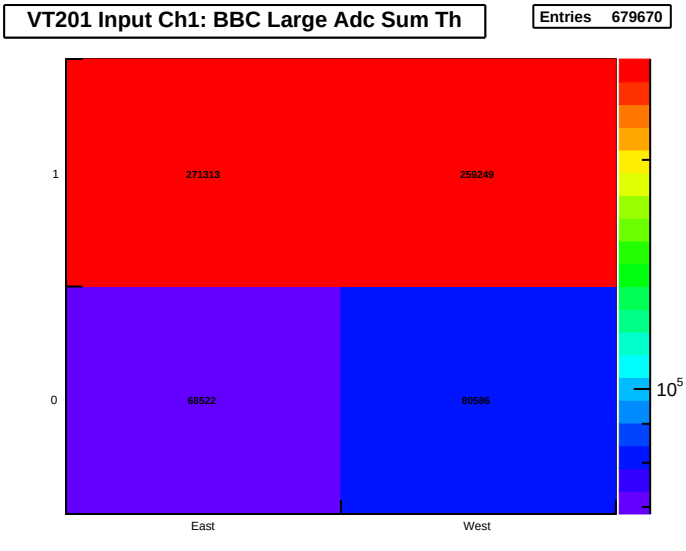

zdcAdcSumDiff
Entries 1821580
2
5
1
181466
181486
181492
143424
124169
85945
173329
173354
173363
134604
154469
114171
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

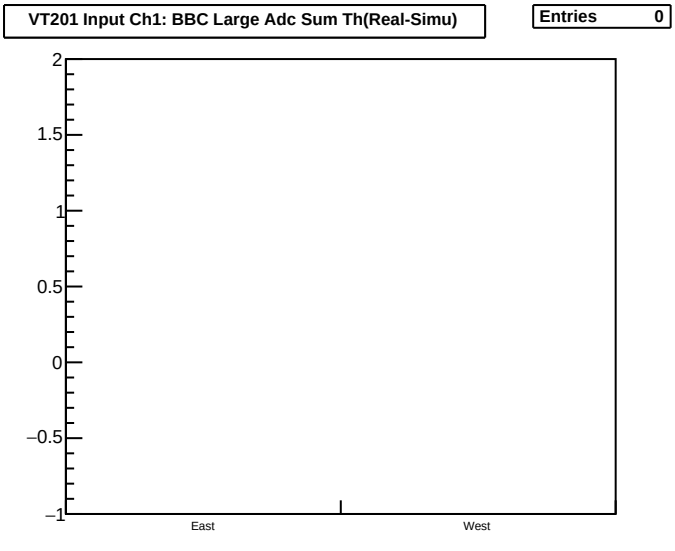

VT201 Input Ch0: BBC Small Tac Diff
Entries 339835
Tac


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

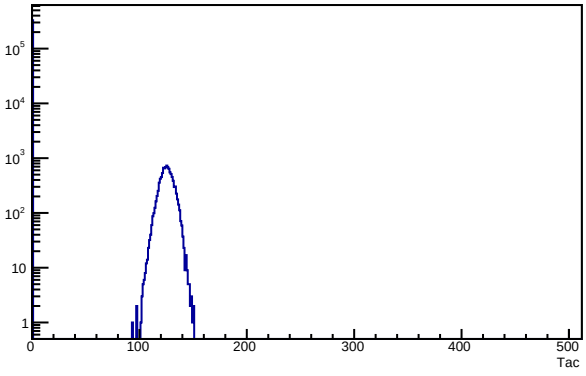

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1019505
175305
176237
339835
164530
163598
TAC-Sum
East
West


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

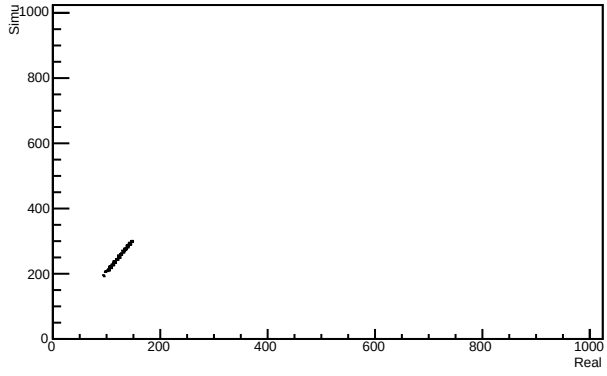

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 679670
271313
259249
68522
80586
East
West


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

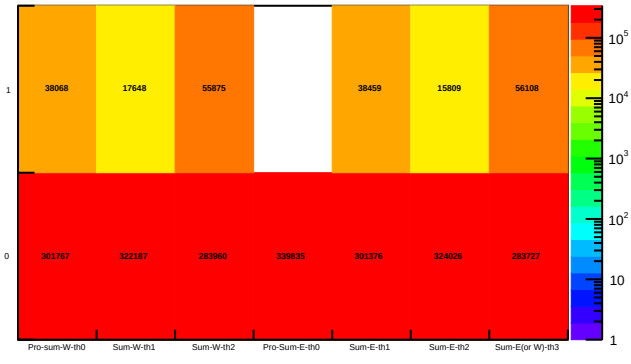
VT201 Input Ch2: ZDC Tac Diff



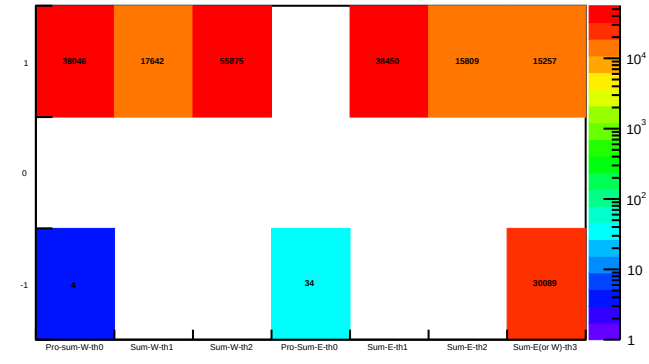
VT201 Input Ch2: ZDC Tac Diff



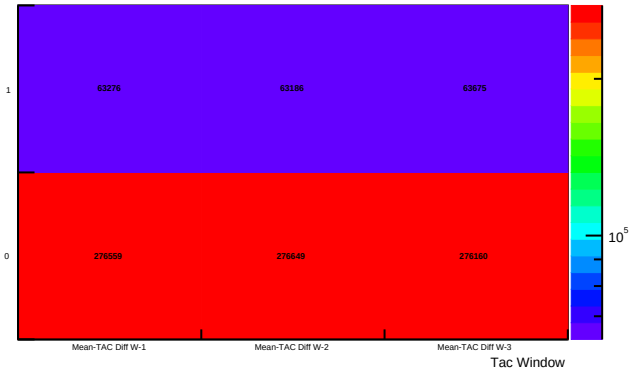
VT201 Input Ch2: ZDC Adc Sum Th



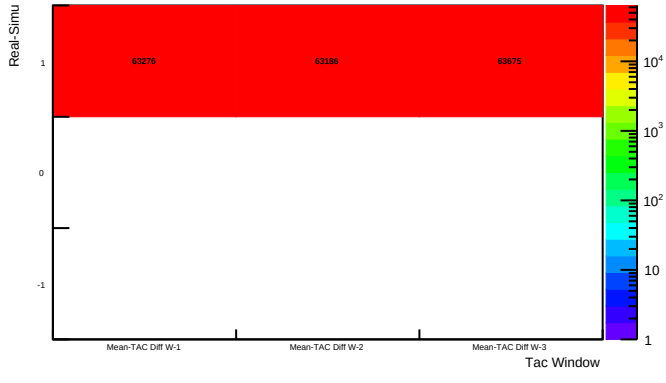
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



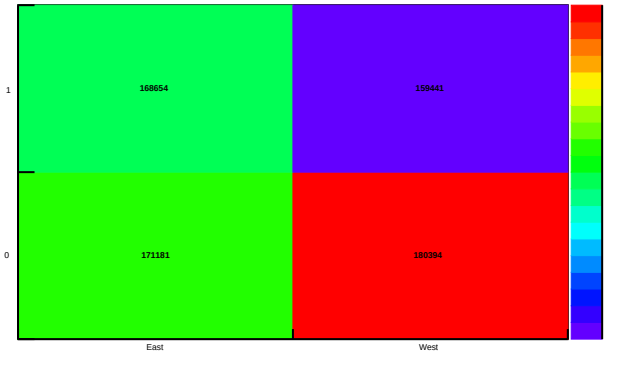
VT201 Input Ch4: VPD Tac Diff



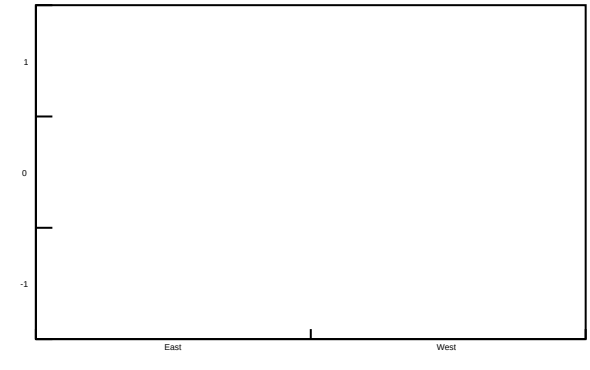
VT201 Input Ch4: VPD Tac Diff

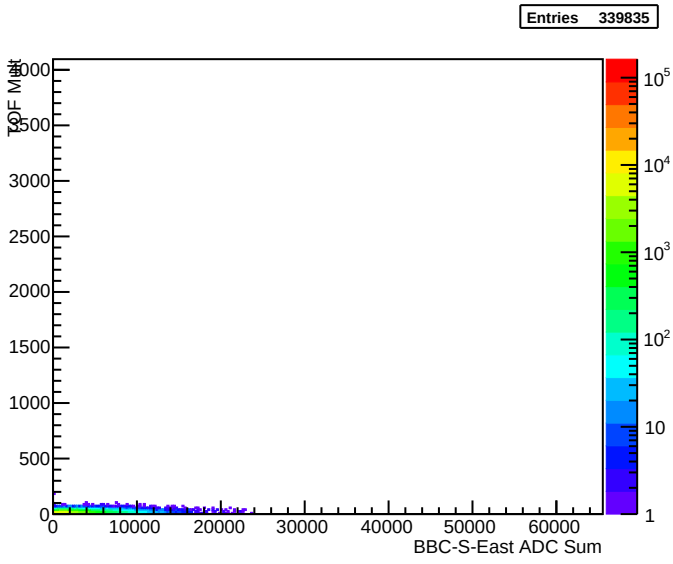


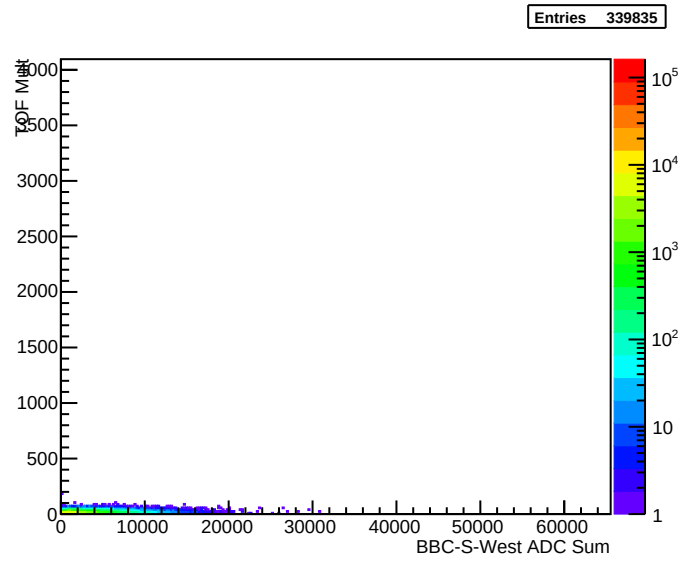
VT201 Input Ch4: VPD Adc Sum Th

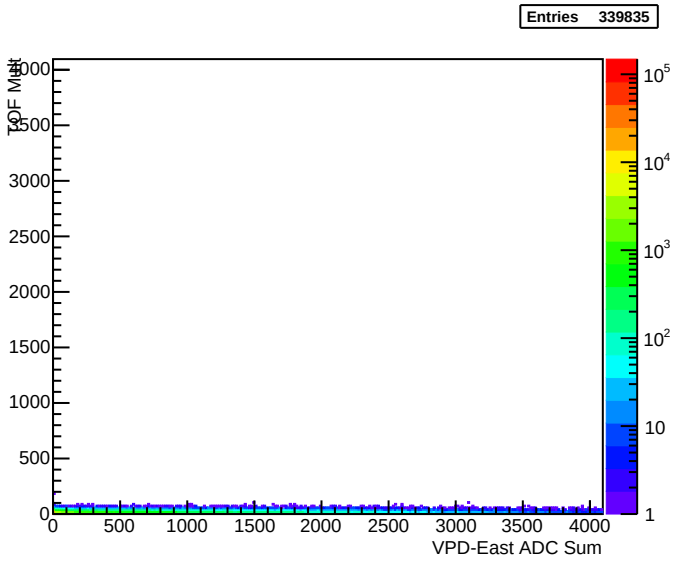


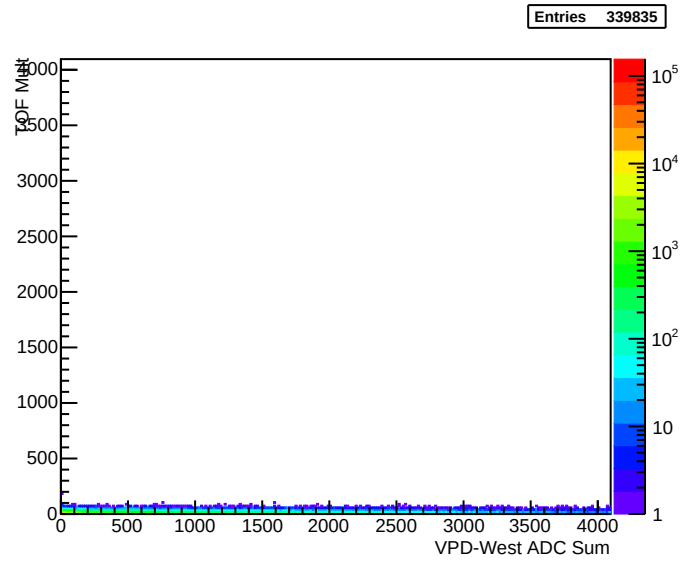
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

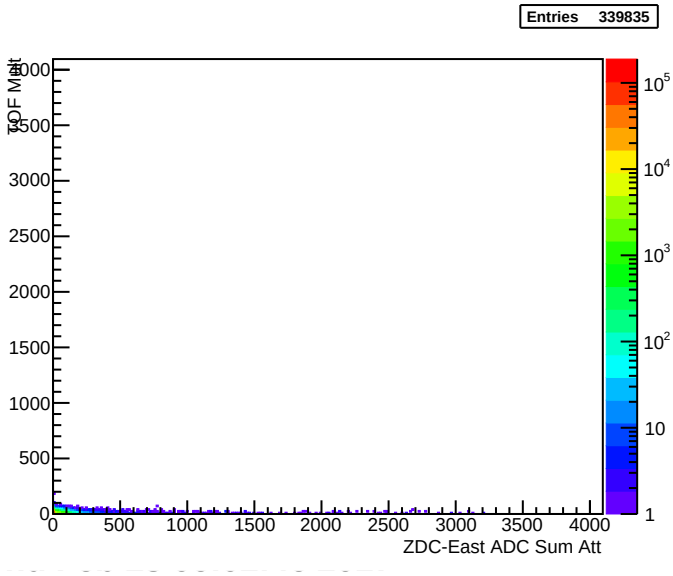


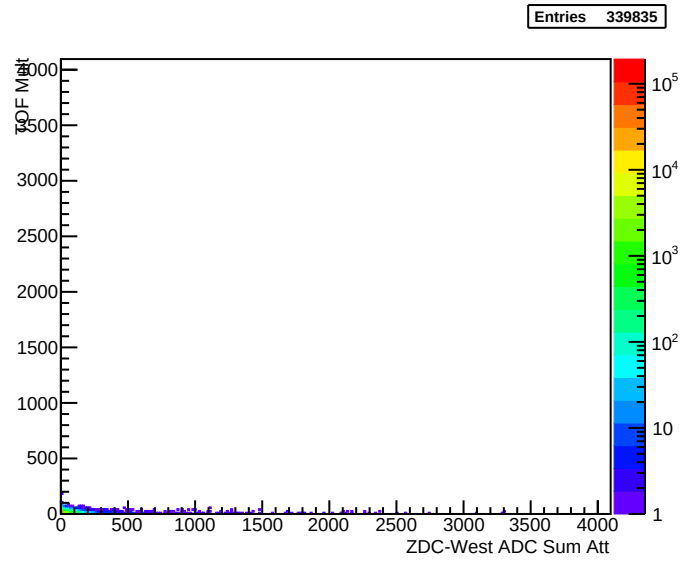

Entries 339835
TOF Mult
BBC-S-East ADC Sum

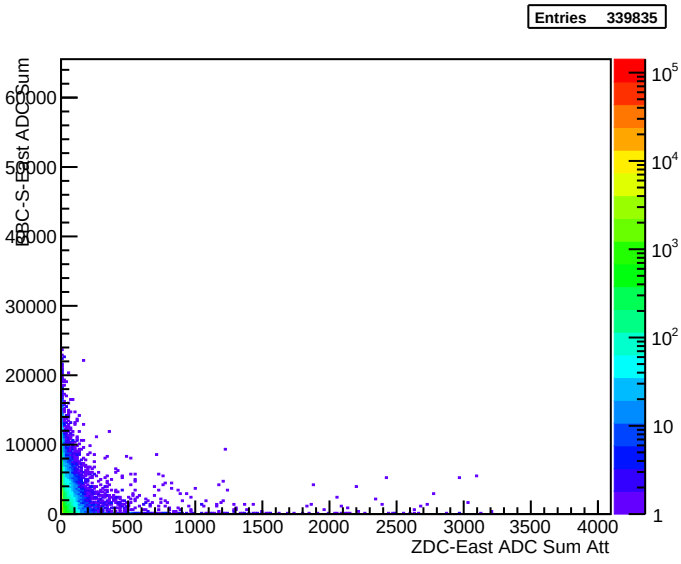

Entries 339835
TOF Mult
BBC-S-West ADC Sum

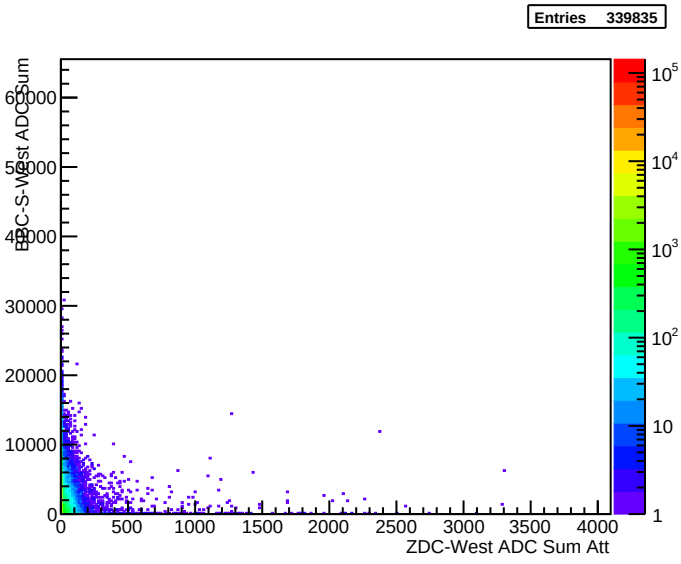

Entries 339835
TOF Mult
VPD-East ADC Sum

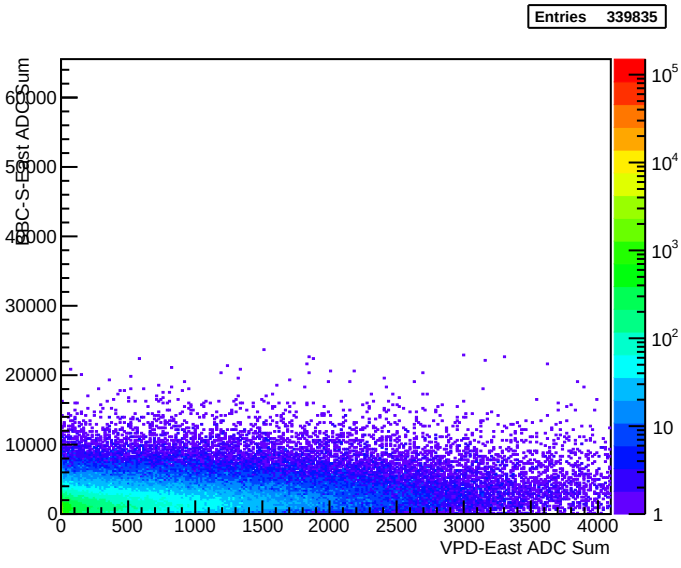

Entries 339835
TOF Mult
VPD-West ADC Sum

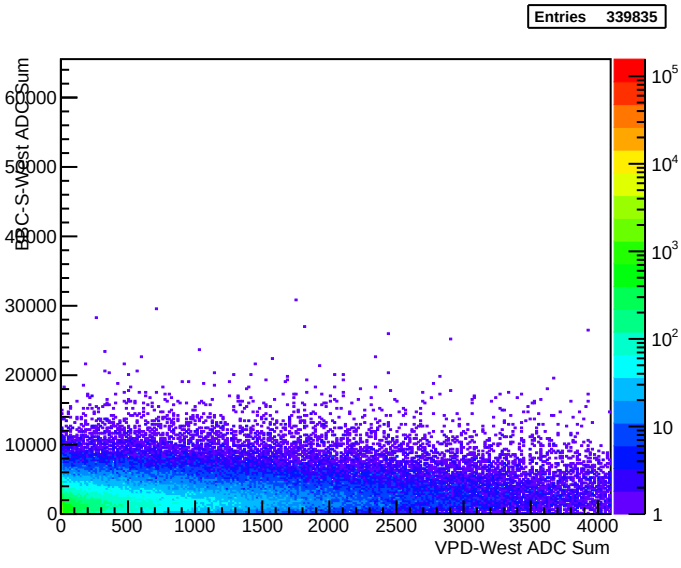

Entries 339835
TOF Mult
ZDC-East ADC Sum Att

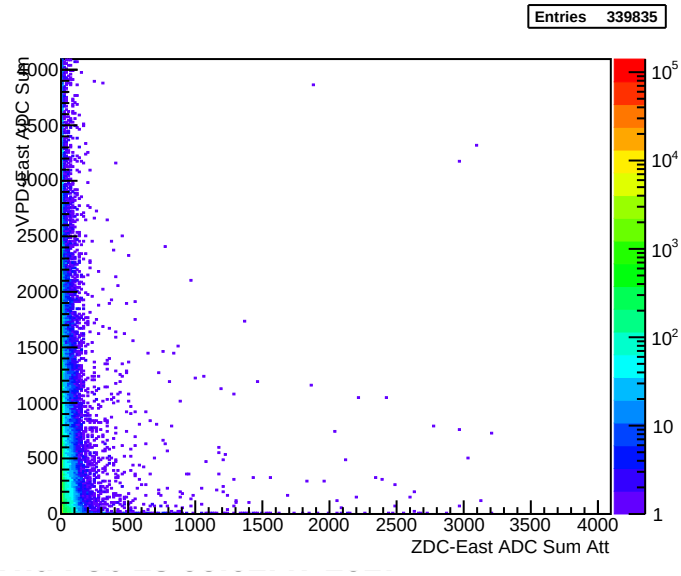

Entries 339835
TOF Mult
ZDC-West ADC Sum Att

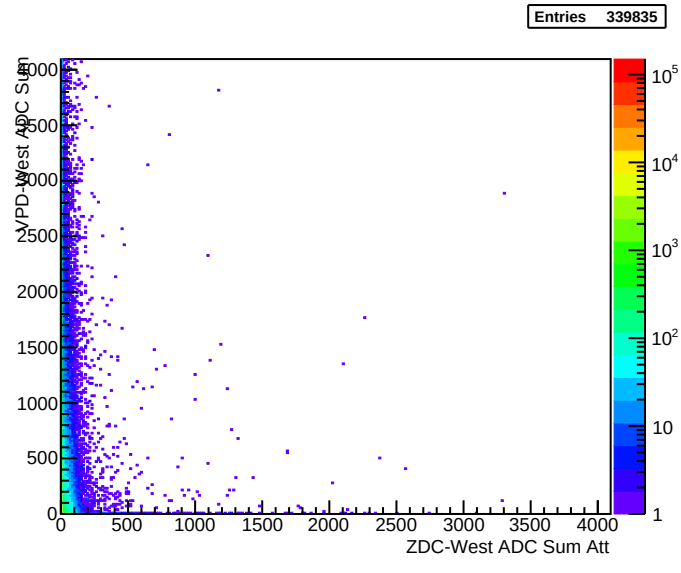

Entries 339835
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

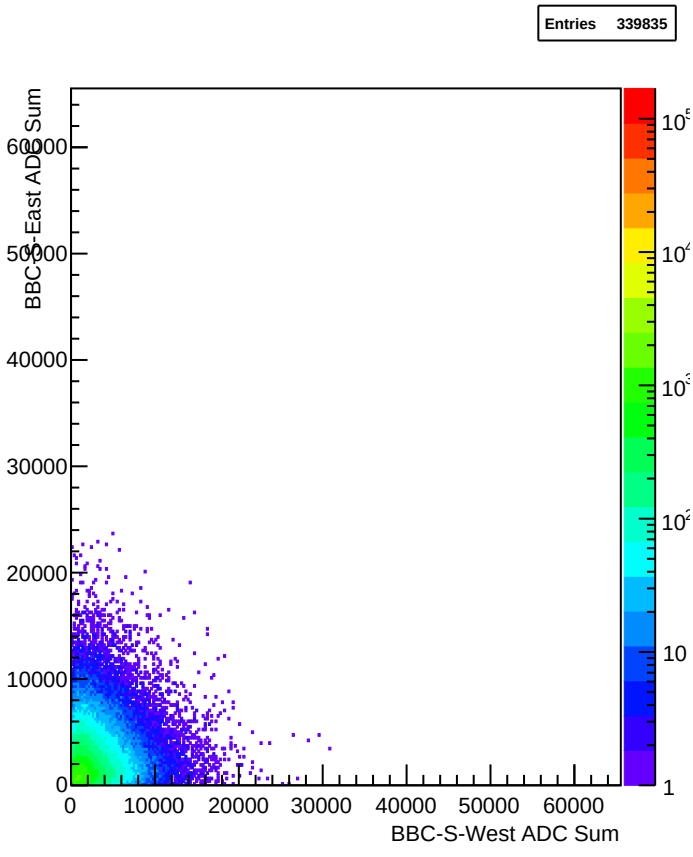

Entries 339835
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

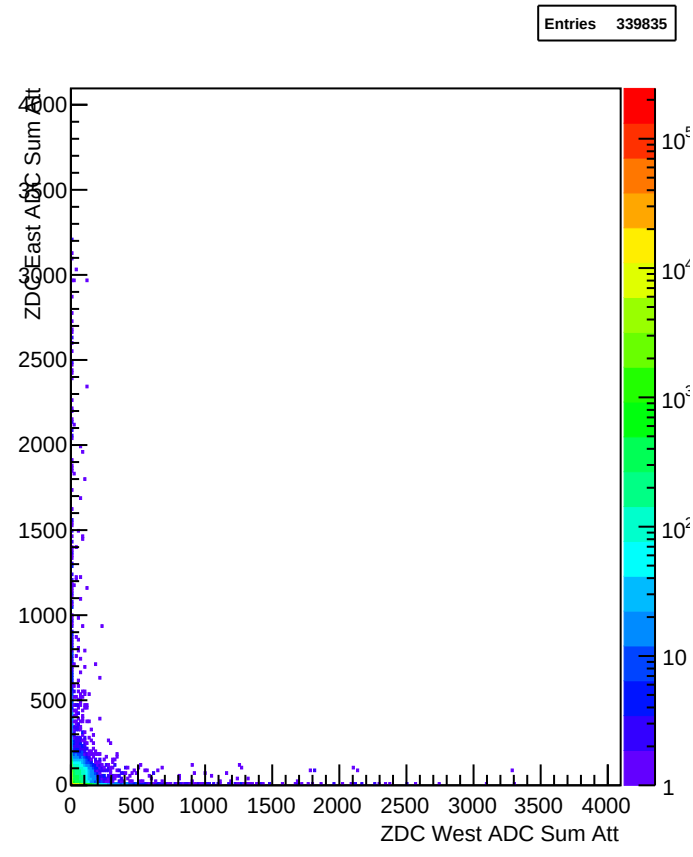

Entries 339835
BBC-S-East ADC Sum
VPD-East ADC Sum

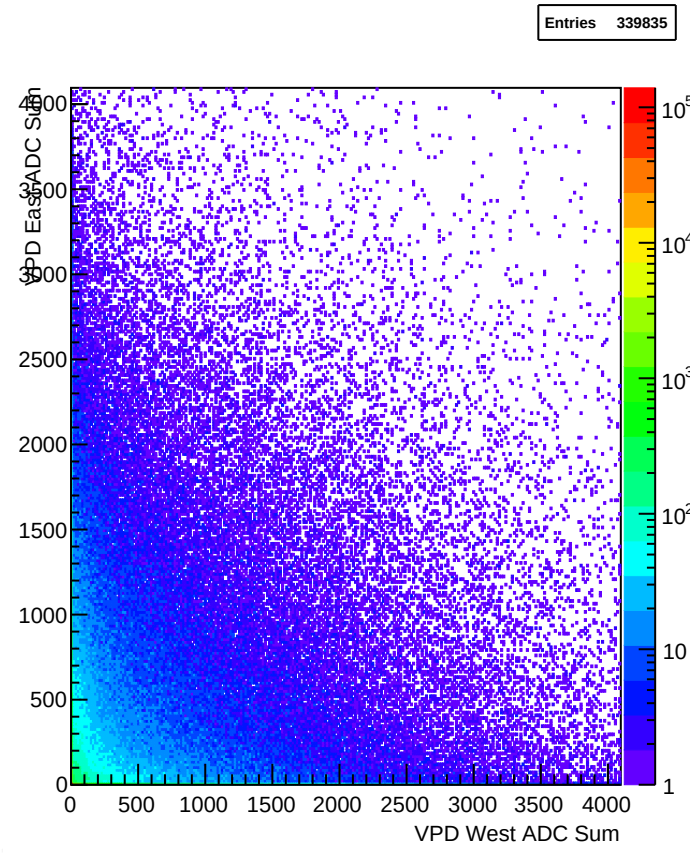

Entries 339835
BBC-S-West ADC Sum
VPD-West ADC Sum

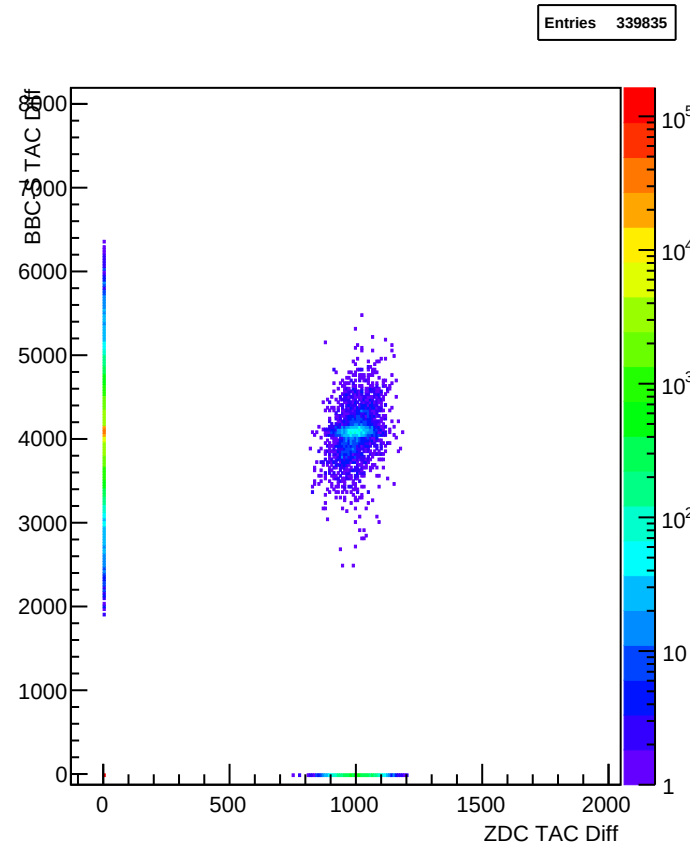

Entries 339835
VPD-East ADC Sum
ZDC-East ADC Sum Att

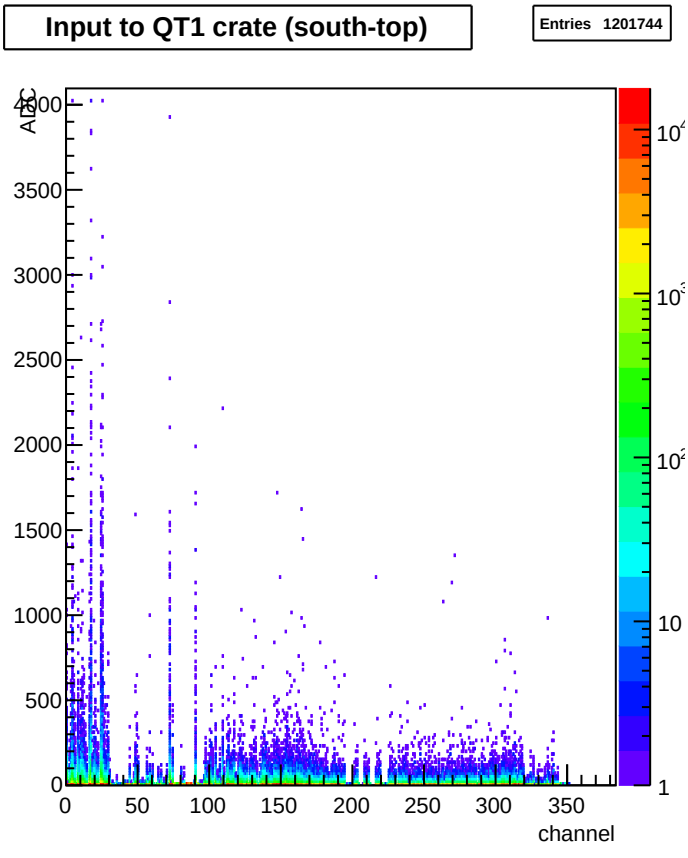

Entries 339835
VPD-West ADC Sum
ZDC-West ADC Sum Att

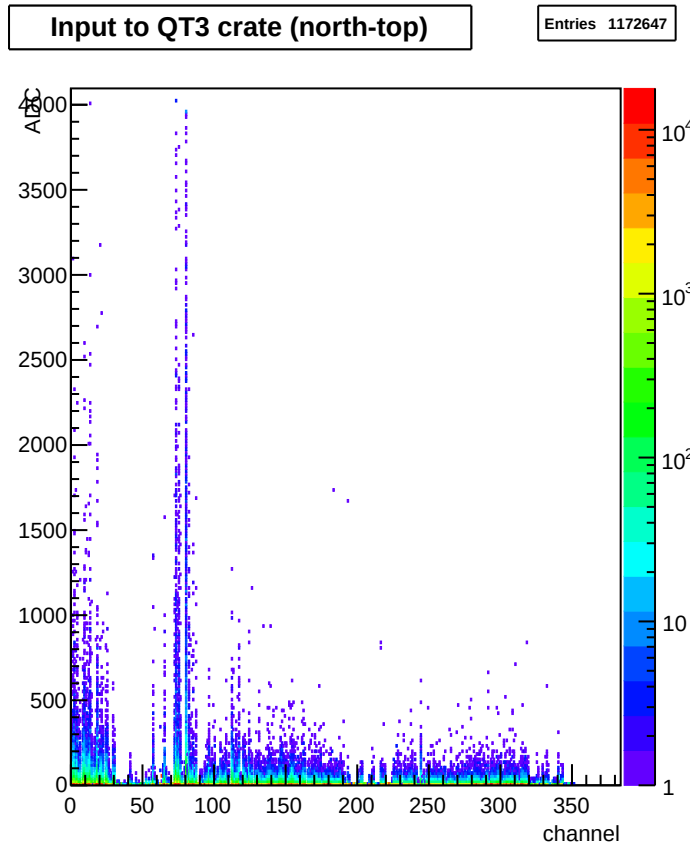

Entries 339835
BBC-S-East ADC Sum
BBC-S-West ADC Sum

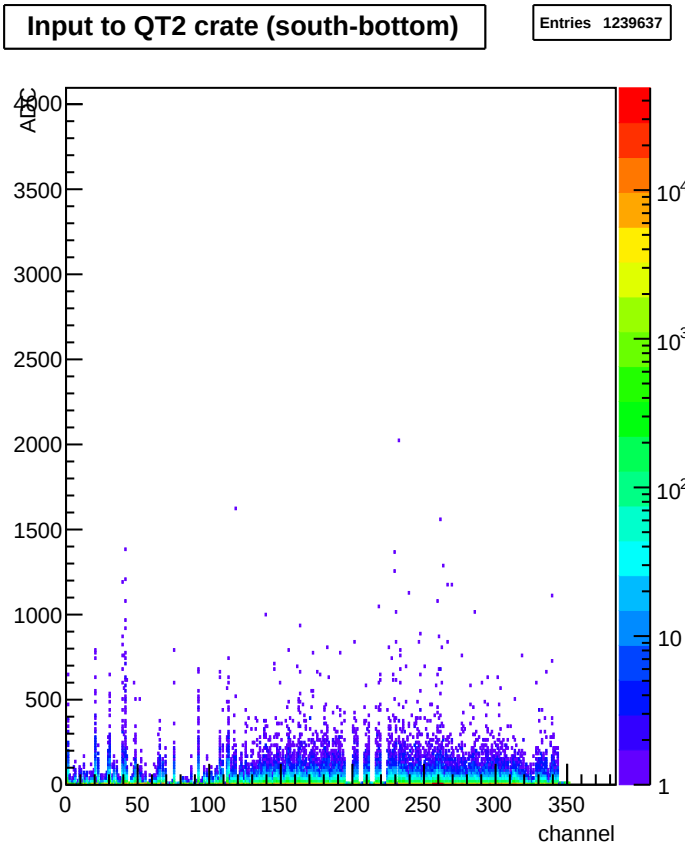

Entries 339835
ZDC East ADC Sum Att
ZDC West ADC Sum Att

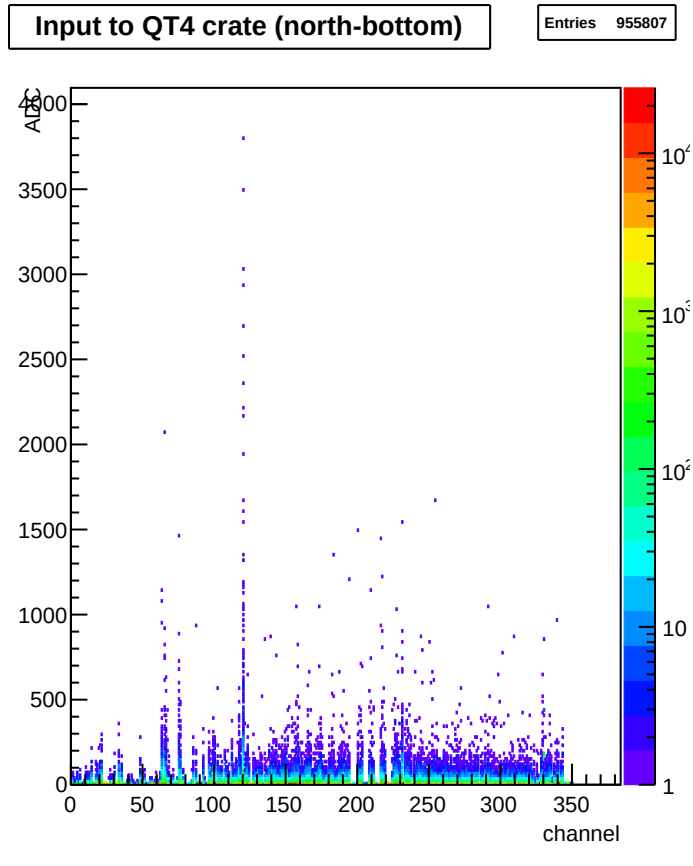

Entries 339835
VPD East ADC Sum
VPD West ADC Sum

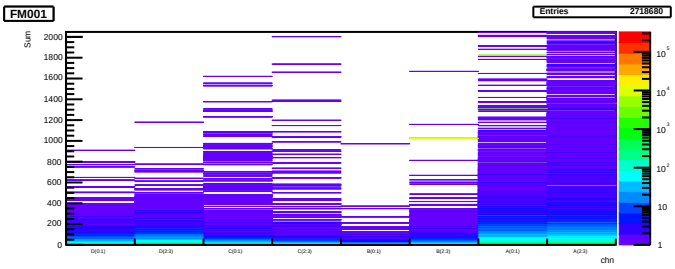

Entries 339835
BBC-S TAC Diff
ZDC TAC Diff

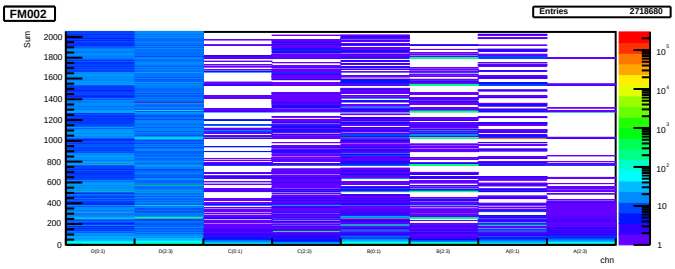

Input to QT1 crate (south-top)
Entries 1201744
ADC
channel

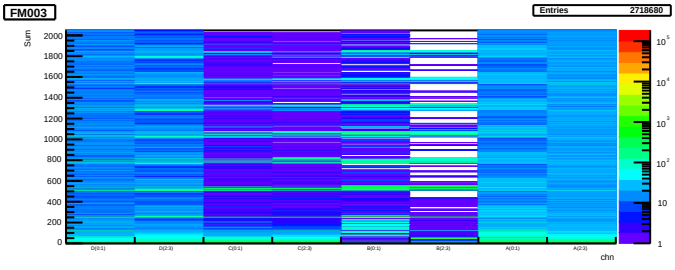

Input to QT3 crate (north-top)
Entries 1172647
ADC
channel

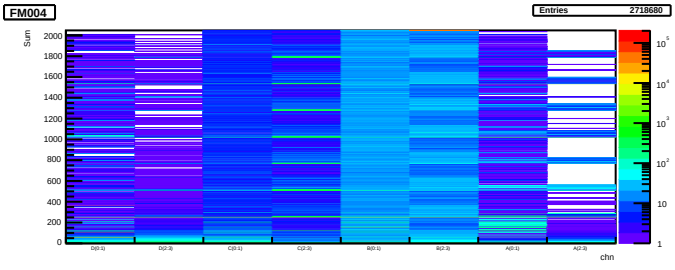

Input to QT2 crate (south-bottom)
Entries 1239637
ADC
channel

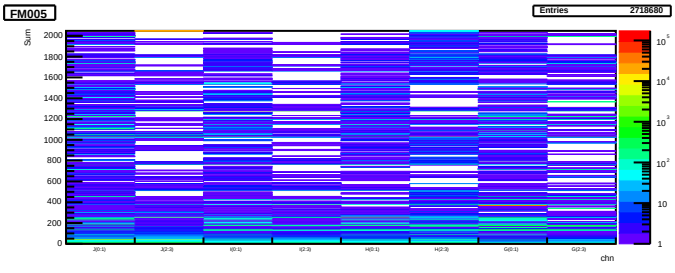

Input to QT4 crate (north-bottom)
Entries 955807
ADC
channel

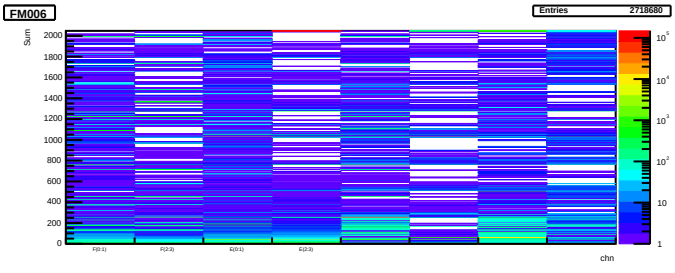

FM001
Entries 2718680
Sum
chn

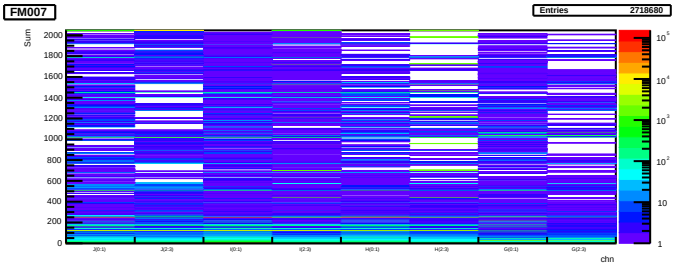

FM002
Entries 2718680
Sum
chn

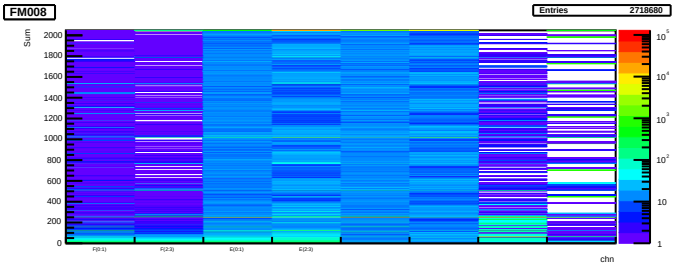

FM003
Entries 2718680
Sum
chn

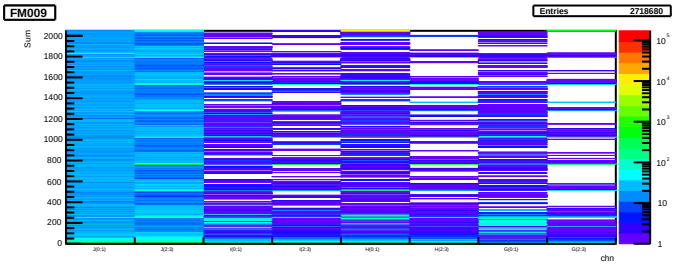

FM004
Entries 2718680
Sum
chn

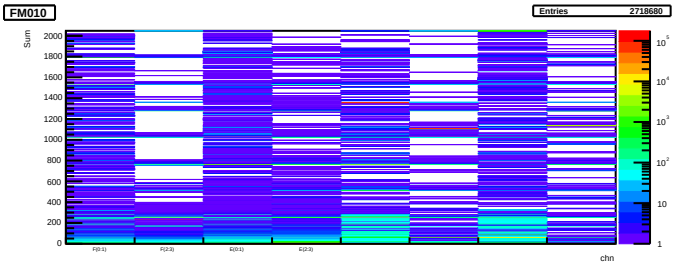

FM005
Entries 2718680
Sum
chn

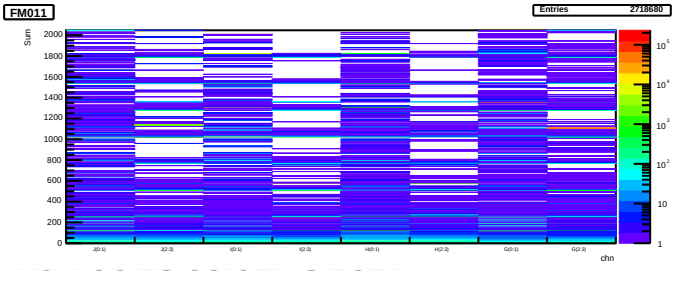

FM006
Entries 2718680
Sum
chn

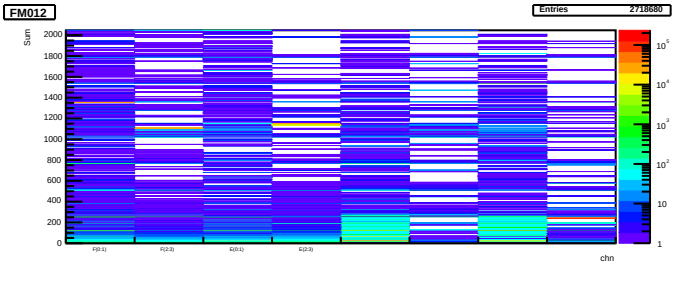

FM007
Entries 2718680
Sum
chn


FM008
Entries 2718680
Sum
chn


FM009
Entries 2718680
Sum
chn


FM010
Entries 2718680
Sum
chn


FM011
Entries 2718680
Sum
chn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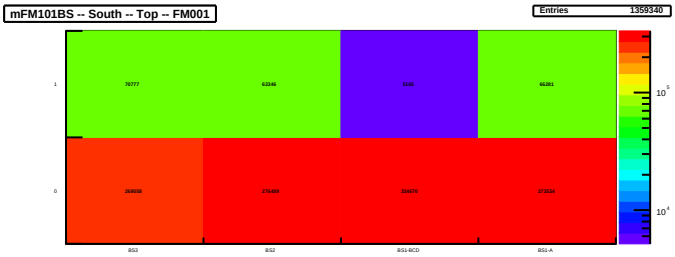
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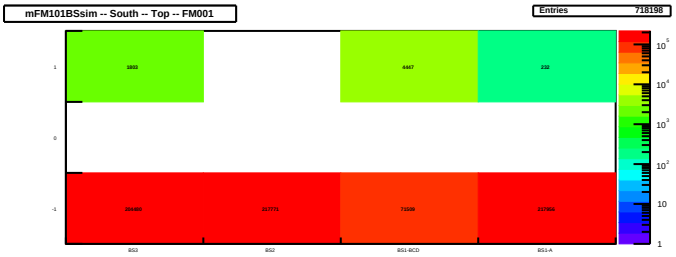
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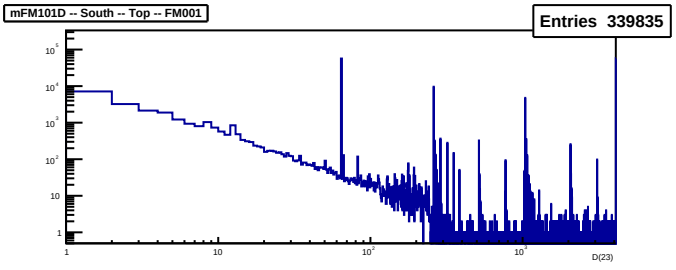
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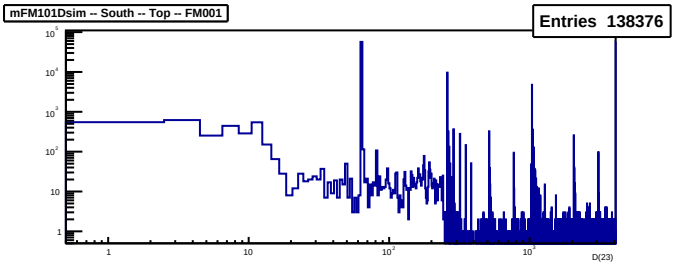
D(23)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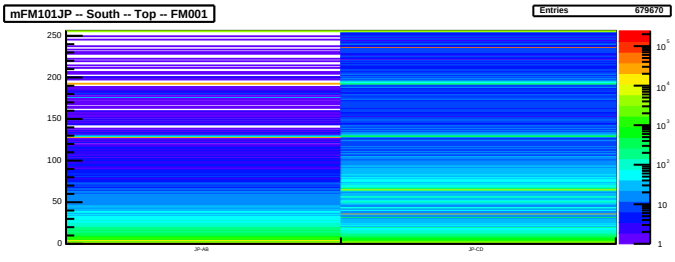
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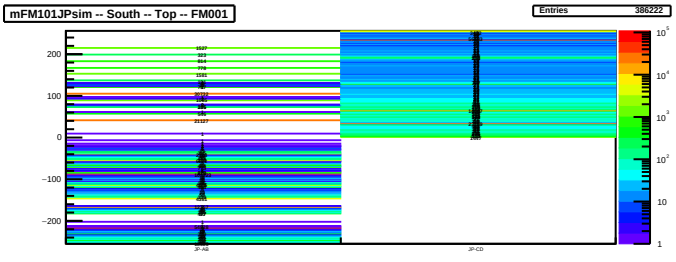
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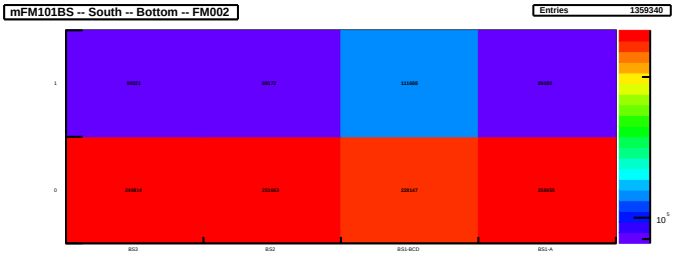
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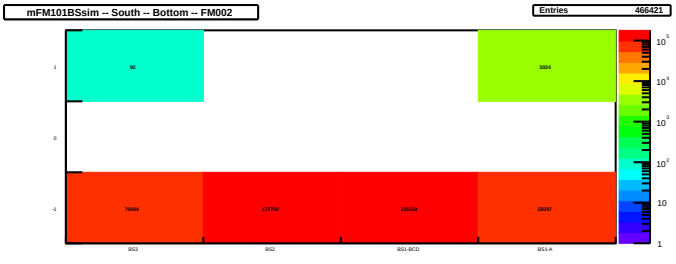
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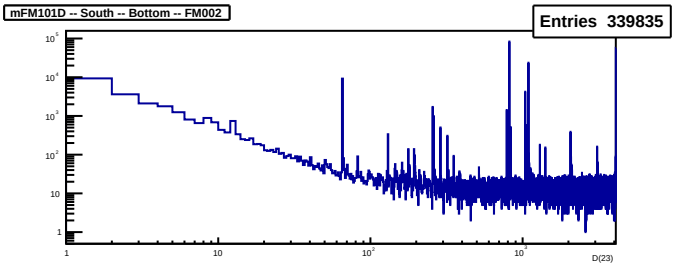
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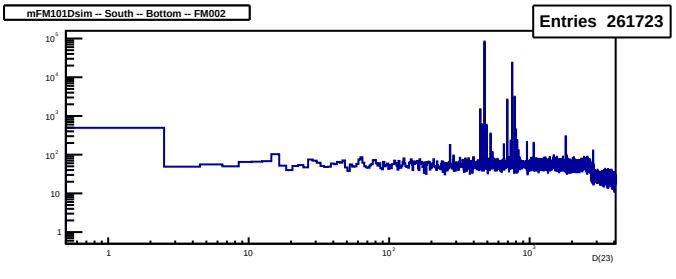
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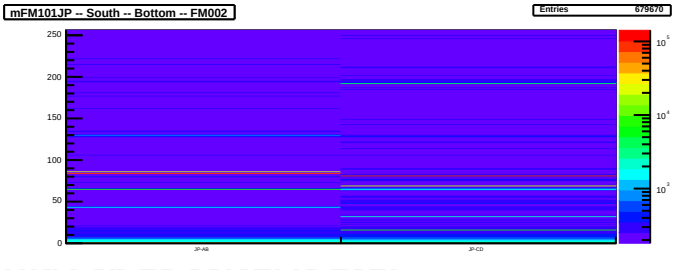
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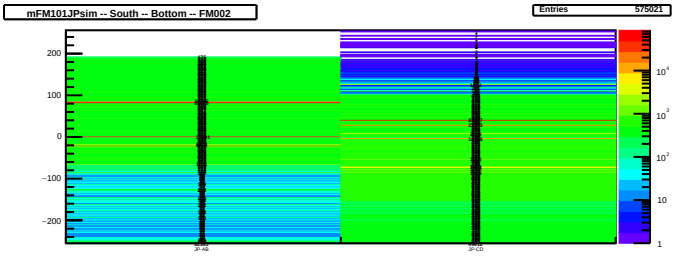
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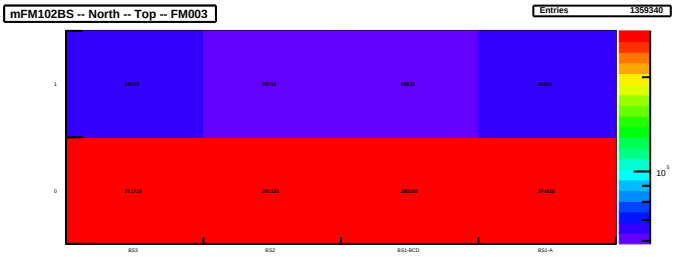
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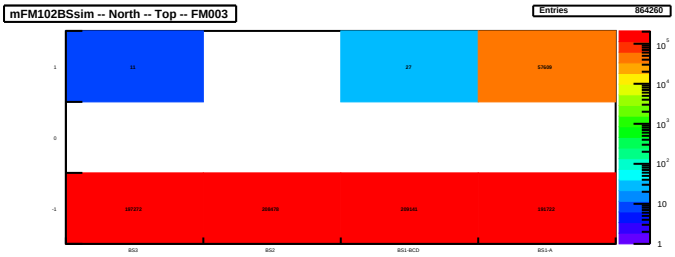
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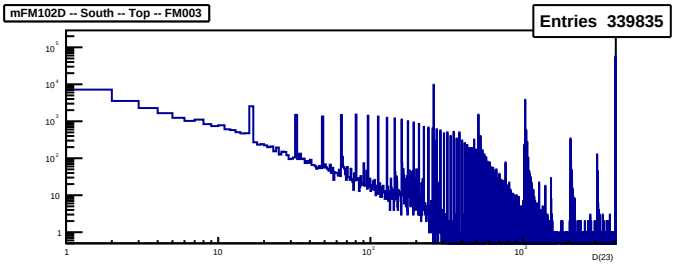
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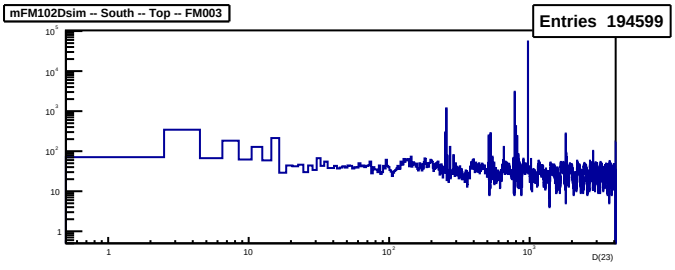
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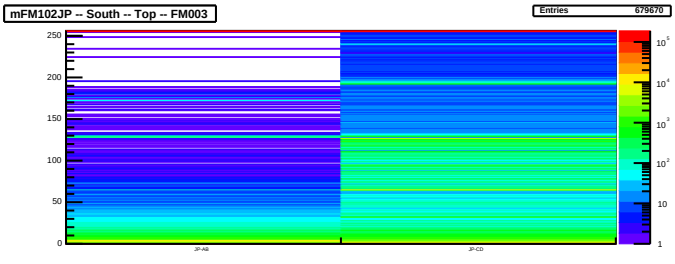
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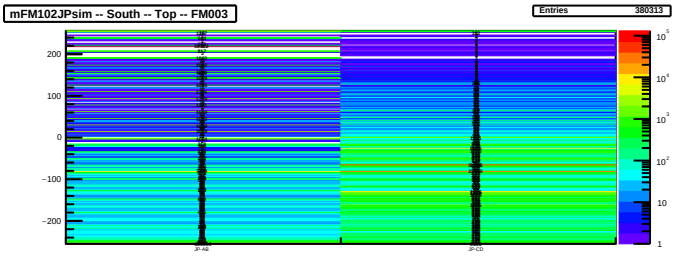
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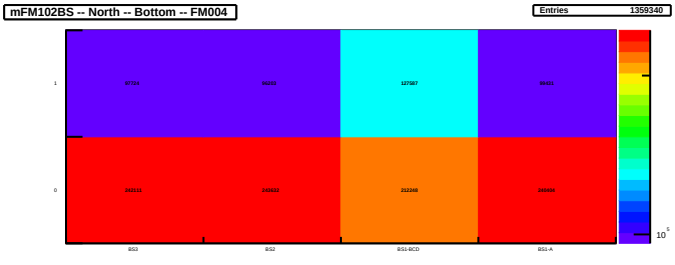
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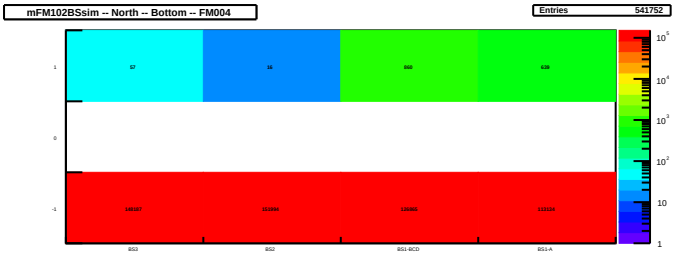
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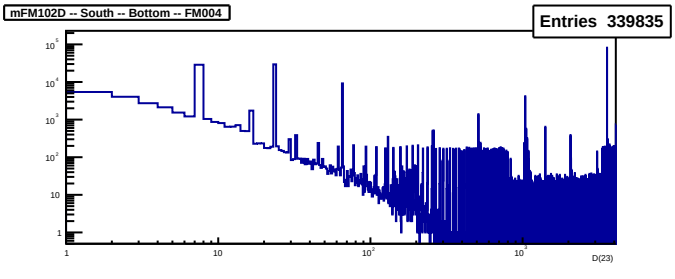
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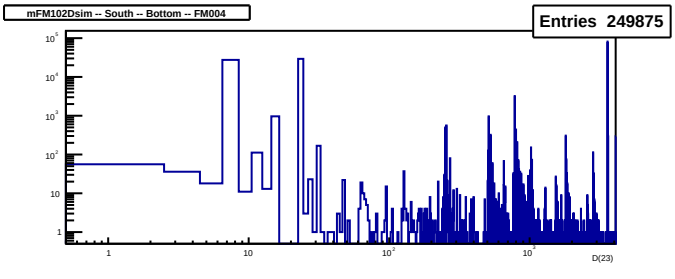
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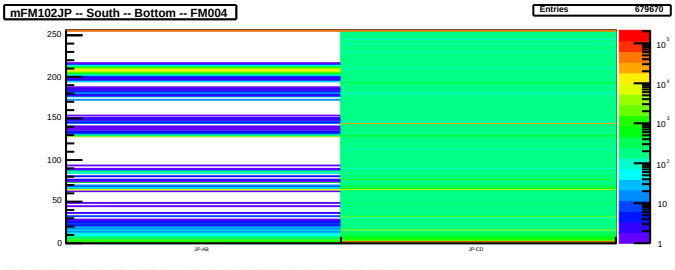
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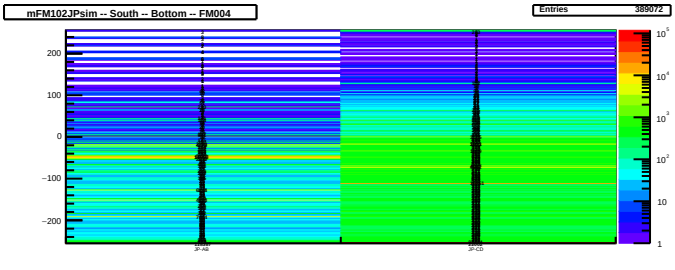
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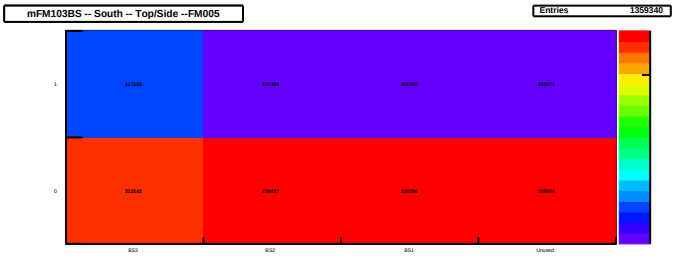
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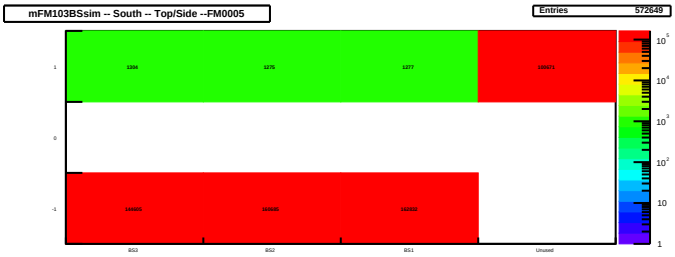
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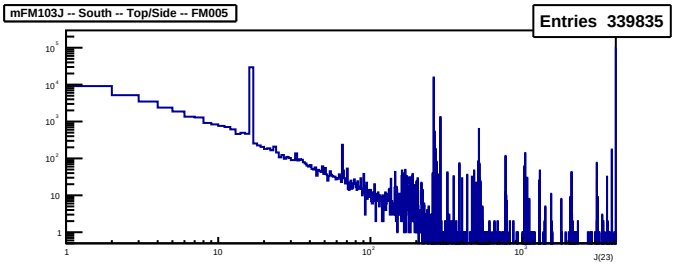
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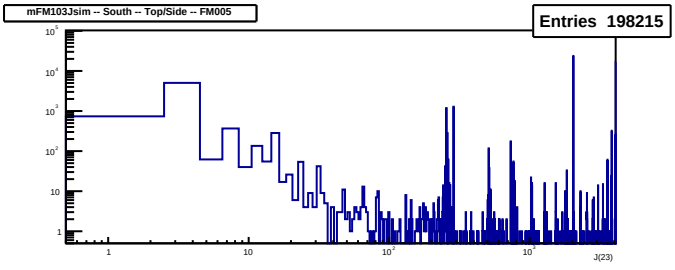
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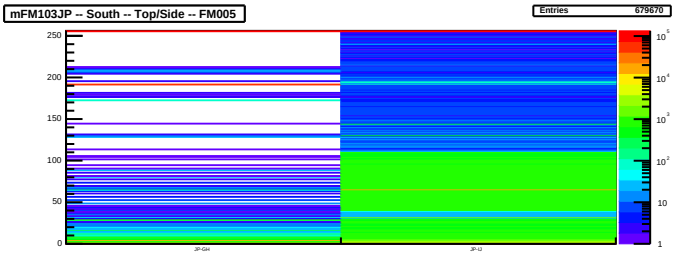
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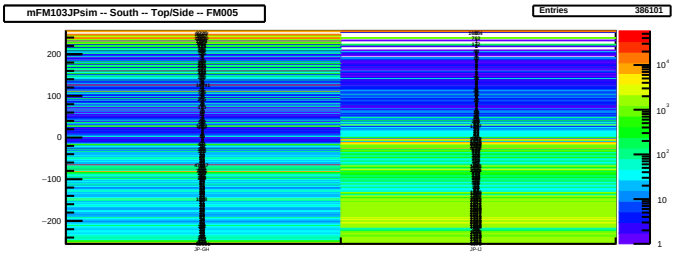
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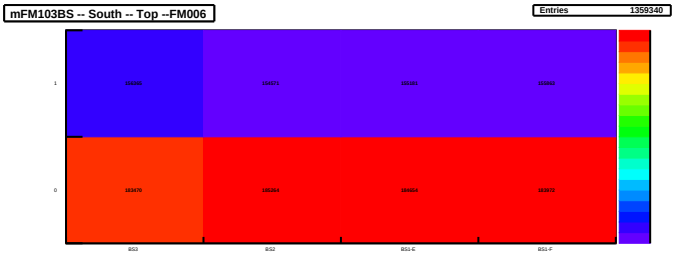
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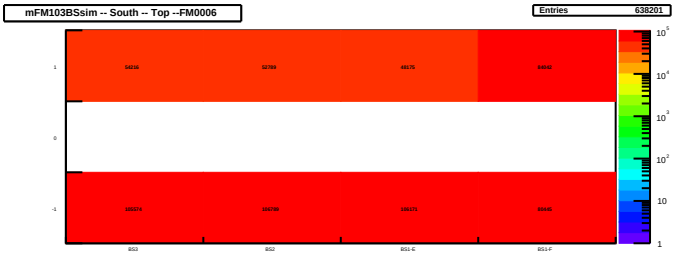
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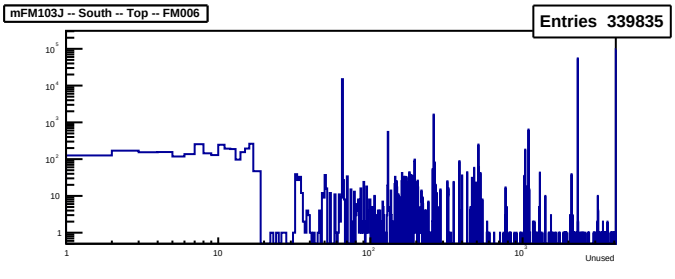
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Entries 339835
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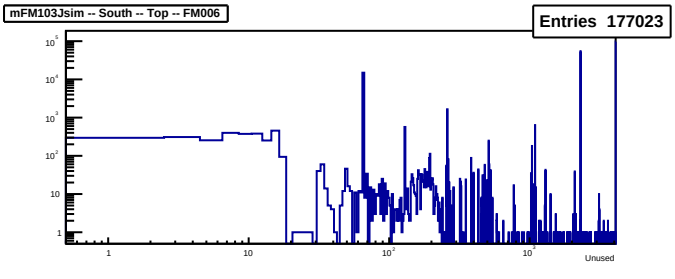
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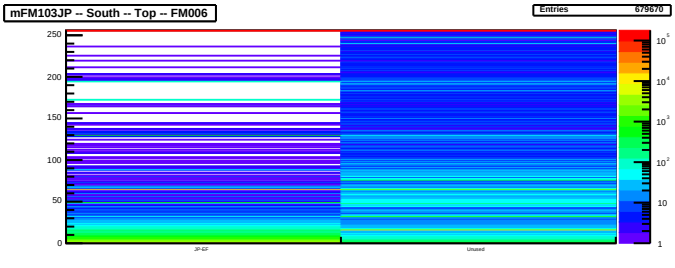
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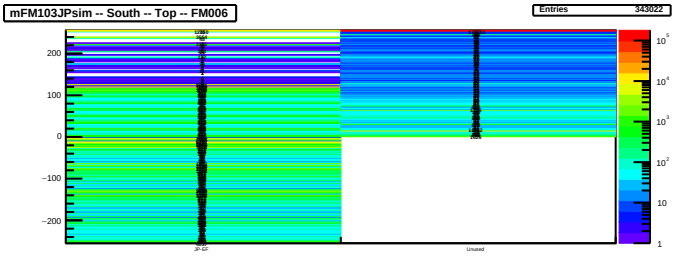
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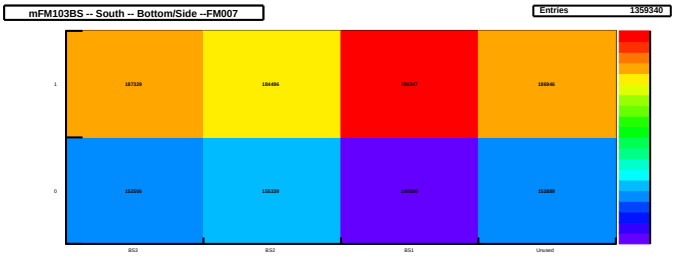
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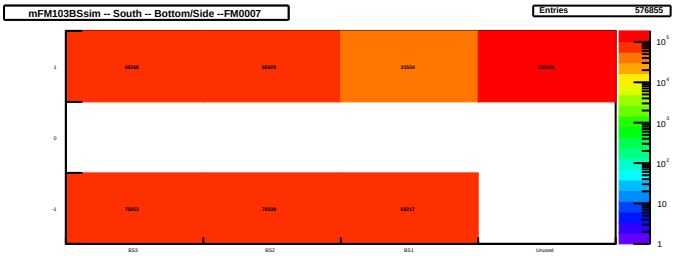
Entries 1359340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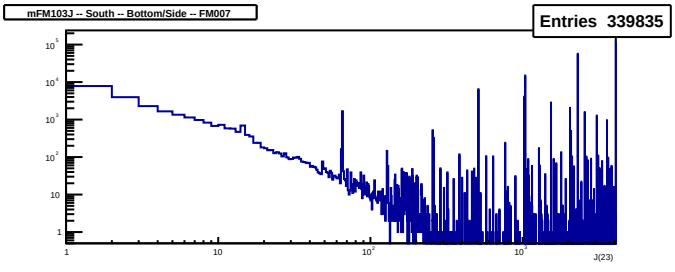
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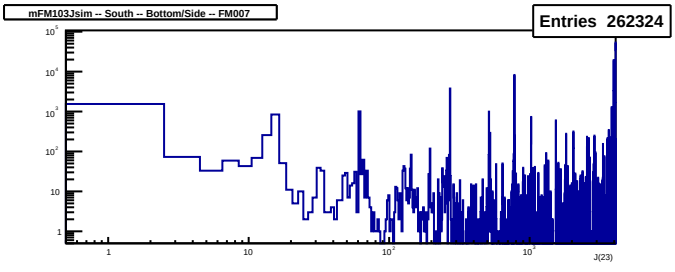
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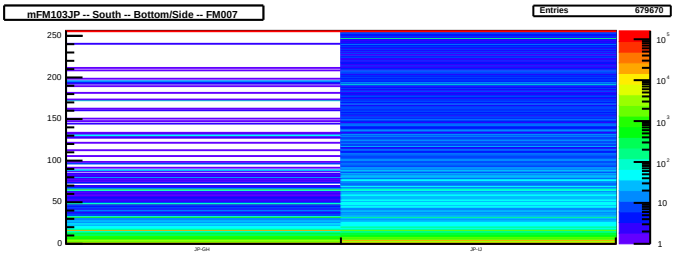
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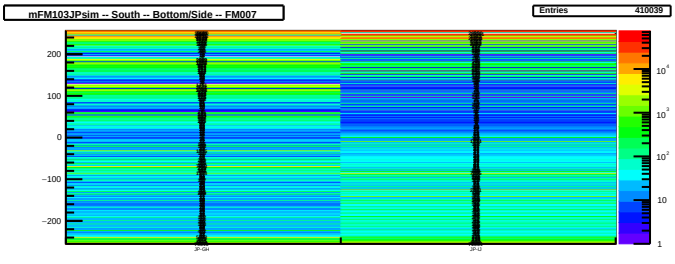
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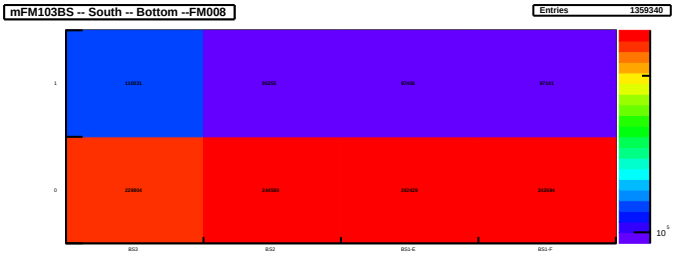
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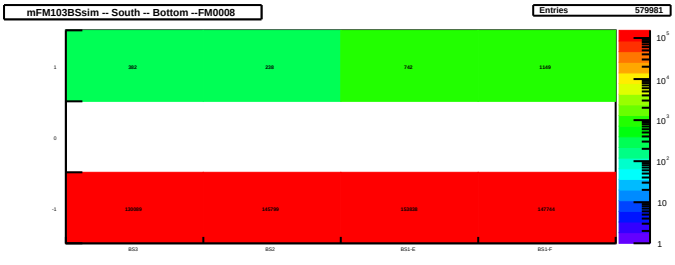
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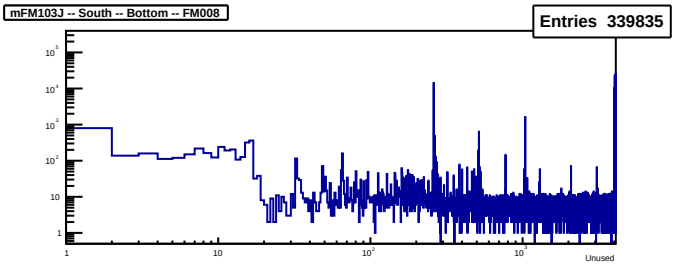
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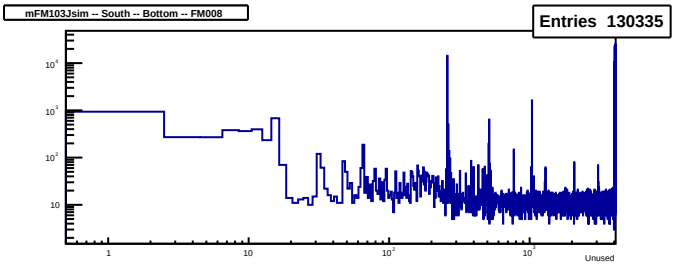
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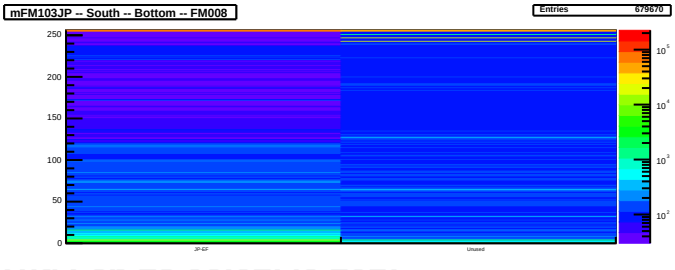
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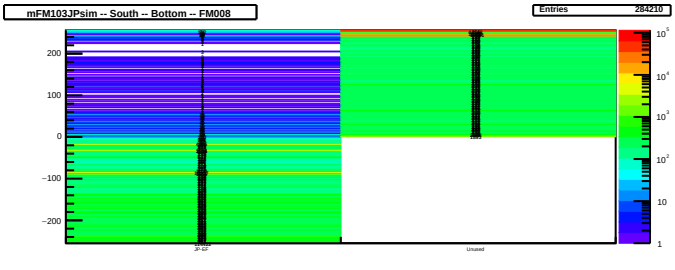
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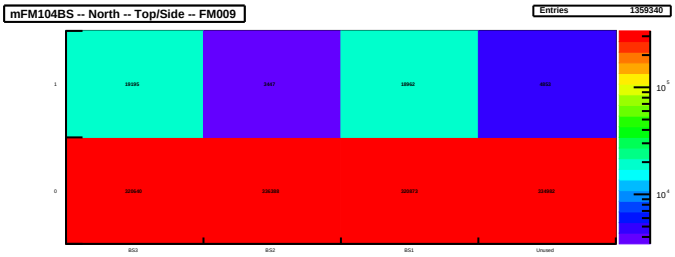
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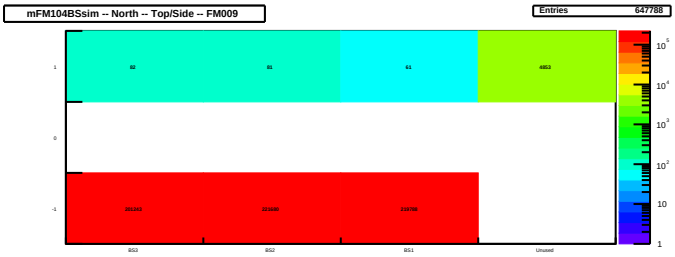
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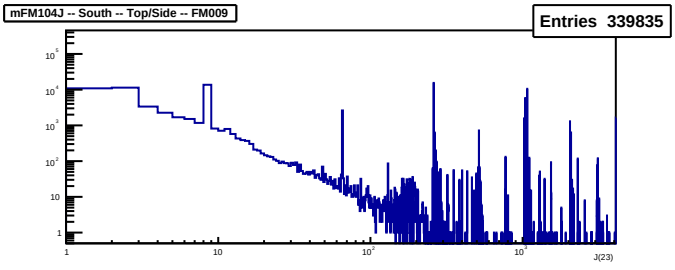
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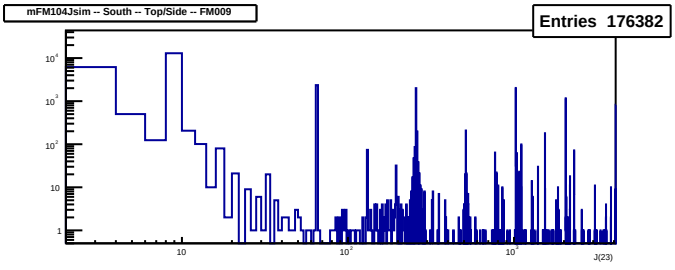
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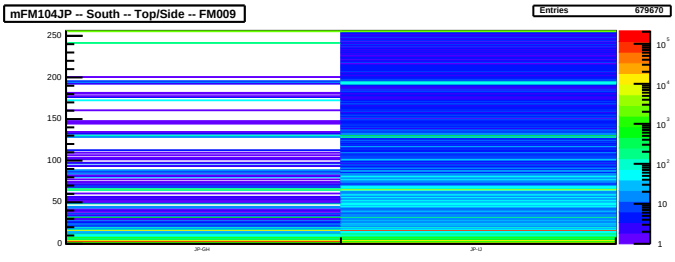
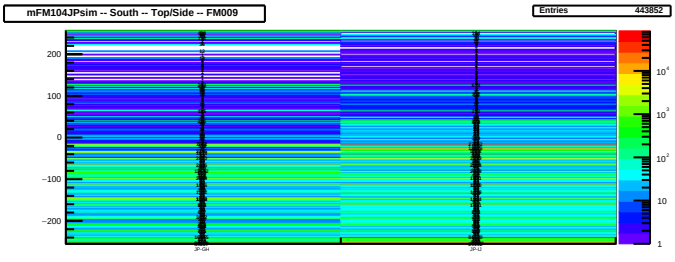
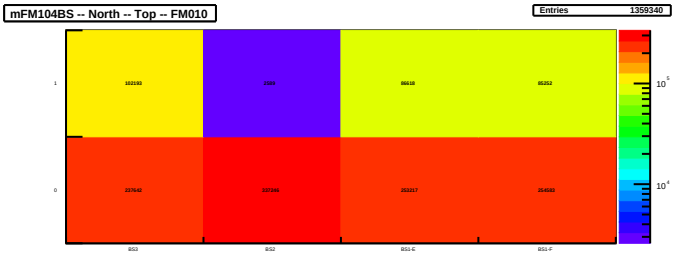
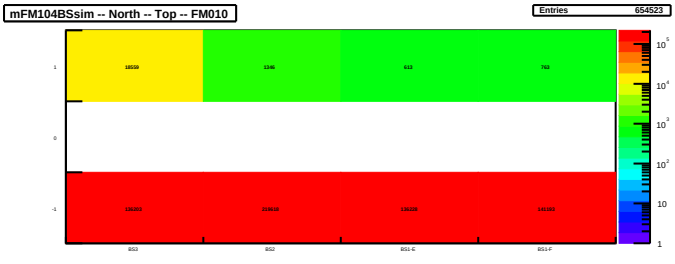
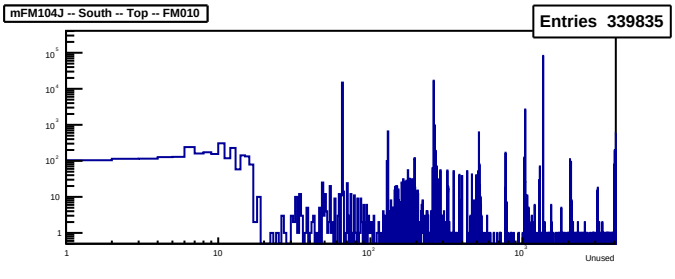
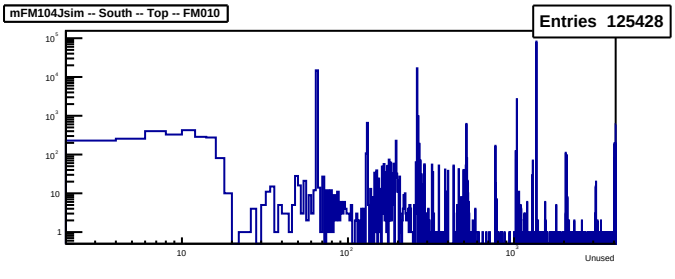

mFM104JP -- South -- Top/Side -- FM009
Entries 679670

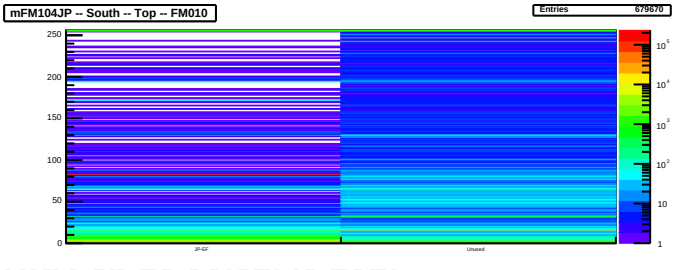

mFM104JPsim -- South -- Top/Side -- FM009
Entries 443852

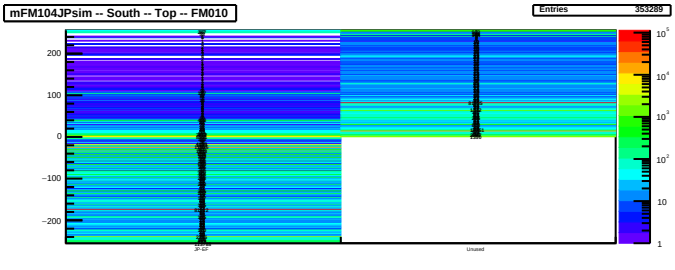

mFM104BS -- North -- Top -- FM010
Entries 1359340

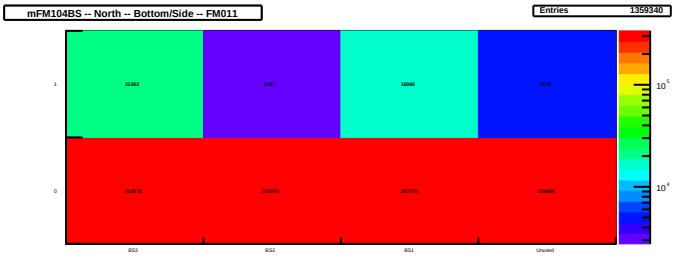

mFM104BSsim -- North -- Top -- FM010
Entries 654523

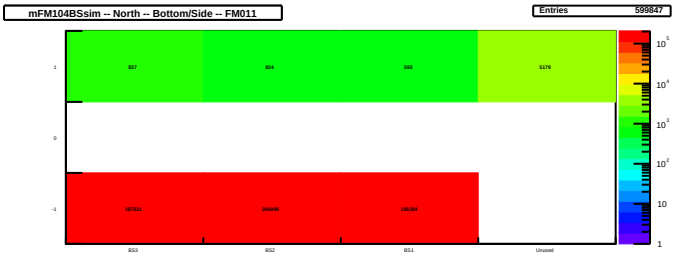

mFM104J -- South -- Top -- FM010
Entries 339835
Unused

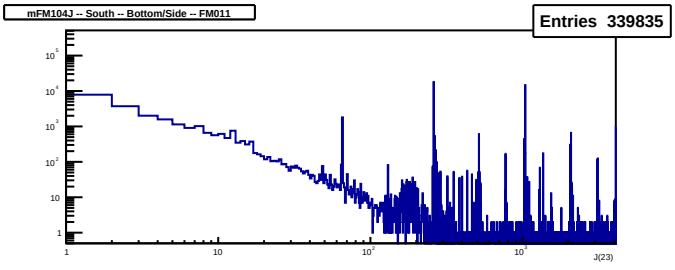

mFM104Jsim -- South -- Top -- FM010
Entries 125428
Unused

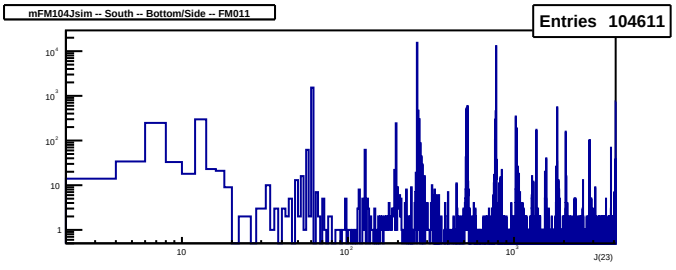

mFM104JP -- South -- Top -- FM010
Entries 679670

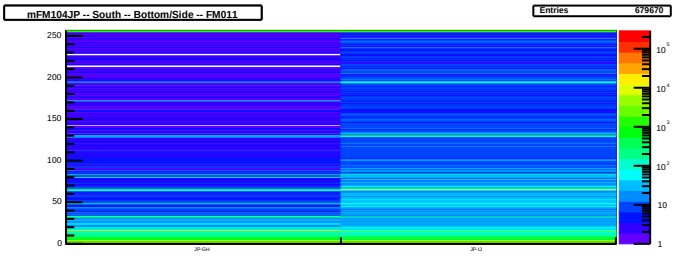

mFM104JPsim -- South -- Top -- FM010
Entries 353289

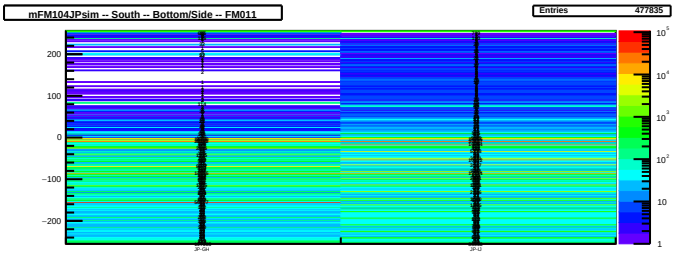

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1359340

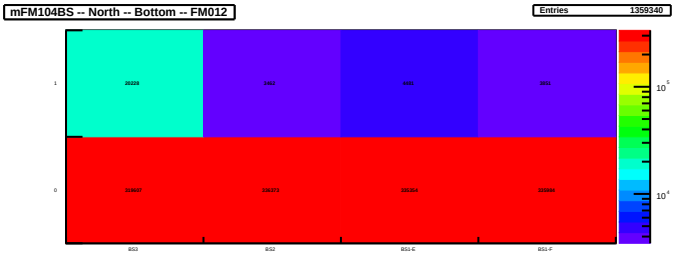

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 599847

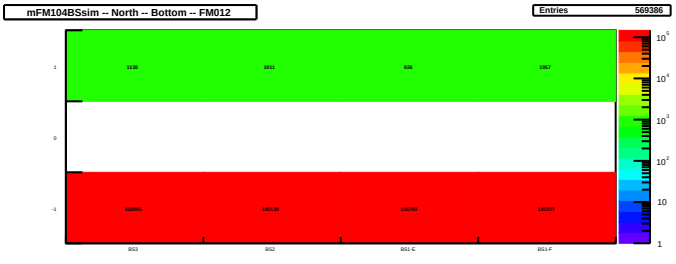

mFM104J -- South -- Bottom/Side -- FM011
Entries 339835
J(23)

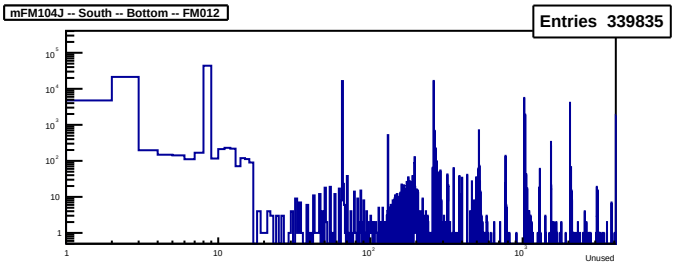

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 104611
J(23)

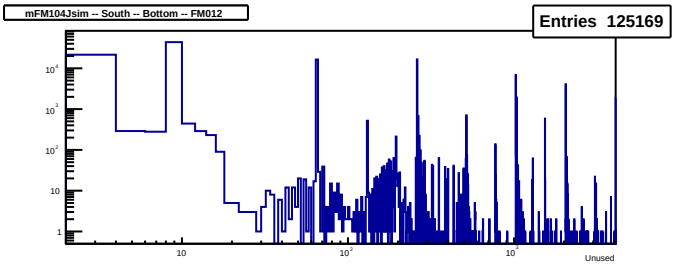

mFM104JP -- South -- Bottom/Side -- FM011
Entries 679670

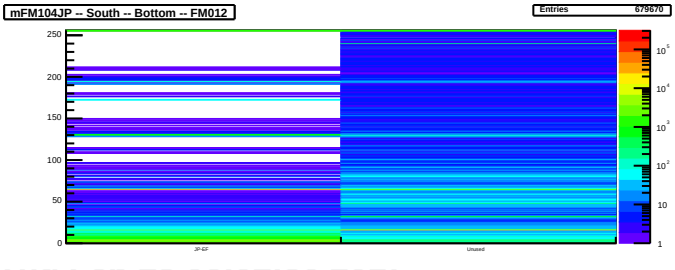

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 477835

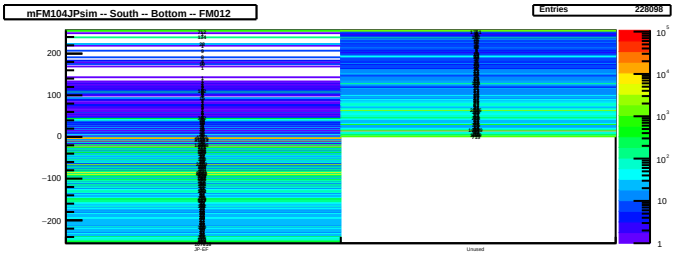

mFM104BS -- North -- Bottom -- FM012
Entries 1359340

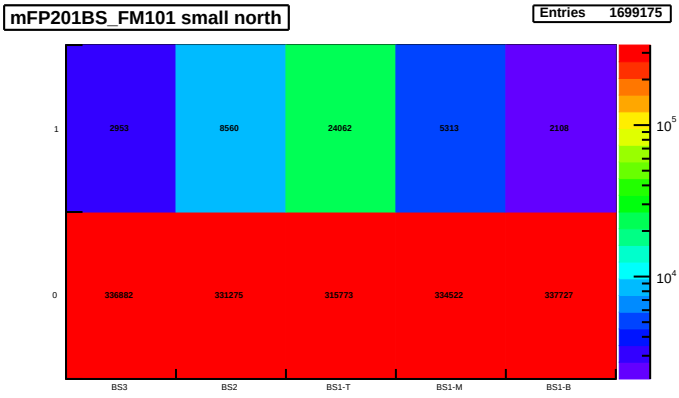

mFM104BSsim -- North -- Bottom -- FM012
Entries 569386

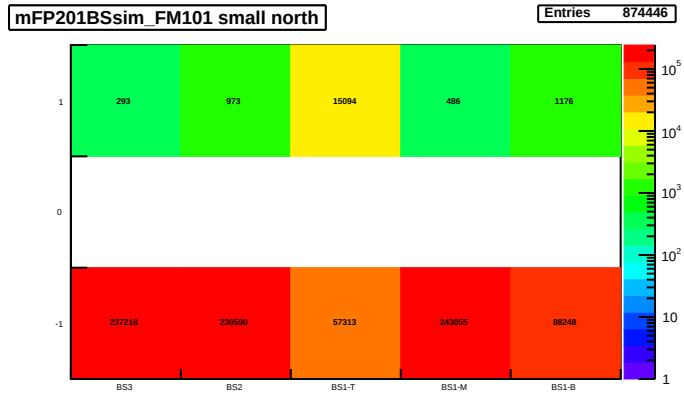

mFM104J -- South -- Bottom -- FM012
Entries 339835
Unused

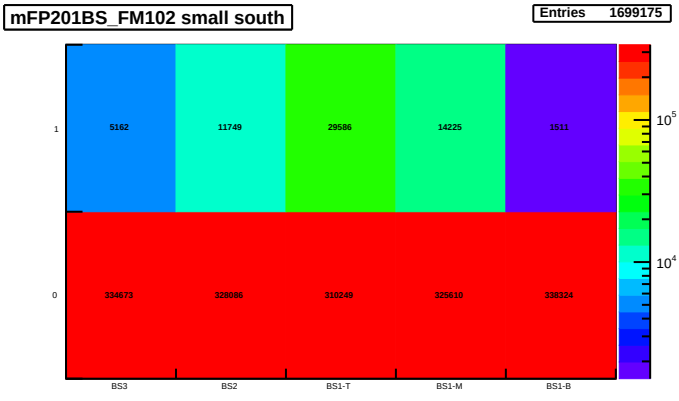

mFM104Jsim -- South -- Bottom -- FM012
Entries 125169
Unused

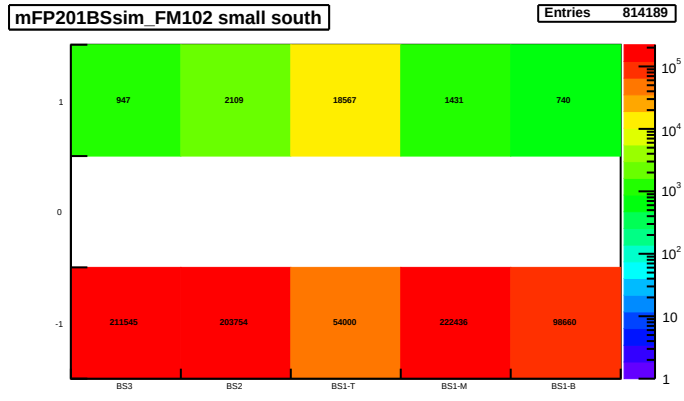

mFM104JP -- South -- Bottom -- FM012
Entries 679670

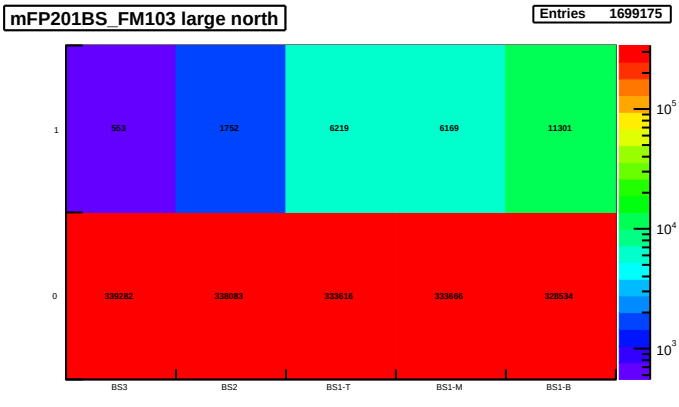

mFM104JPsim -- South -- Bottom -- FM012
Entries 228098

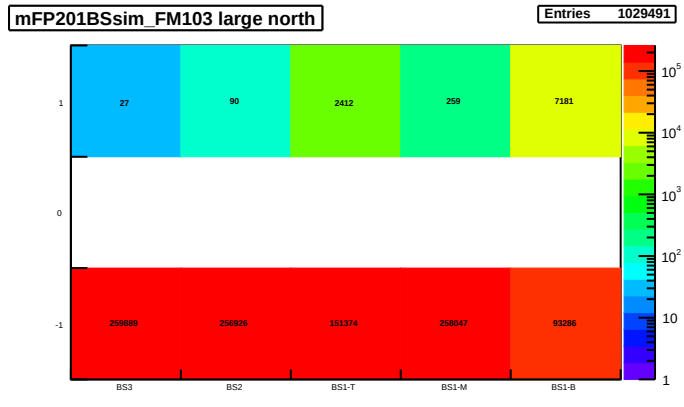

mFP201BS_FM101 small north
Entries 1699175
1
0
2953
8560
24062
5313
2108
336882
331275
315773
334522
337727
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4

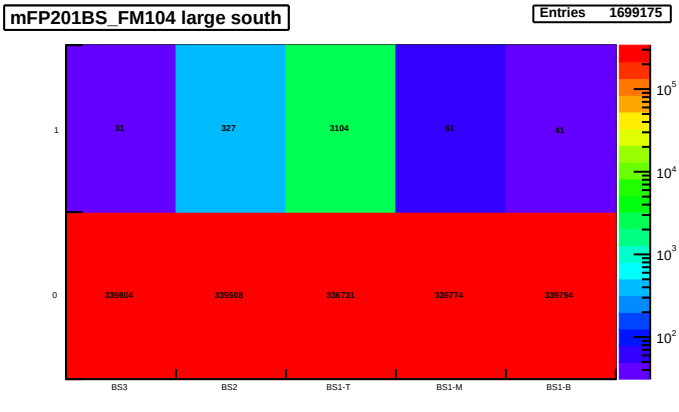

mFP201BSsim_FM101 small north
Entries 874446
1
0
-1
293
973
15094
486
1176
237218
230590
57313
243055
88248
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

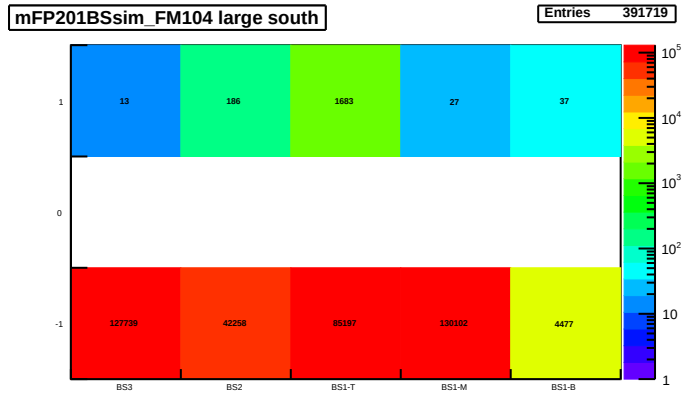

mFP201BS_FM102 small south
Entries 1699175
1
0
5162
11749
29586
14225
1511
334673
328086
310249
325610
338324
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4

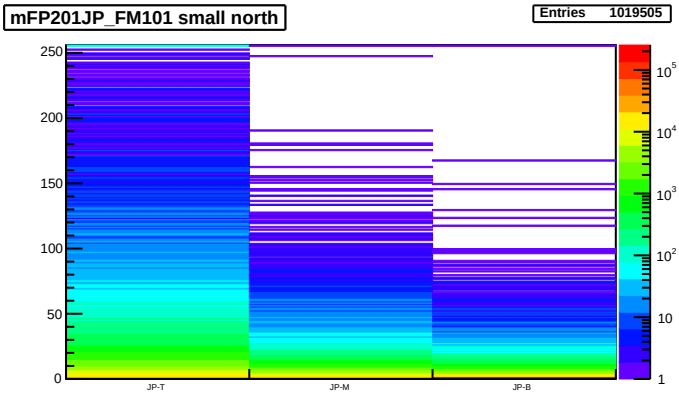

mFP201BSsim_FM102 small south
Entries 814189
1
0
-1
947
2109
18567
1431
740
211545
203754
54000
222436
98660
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

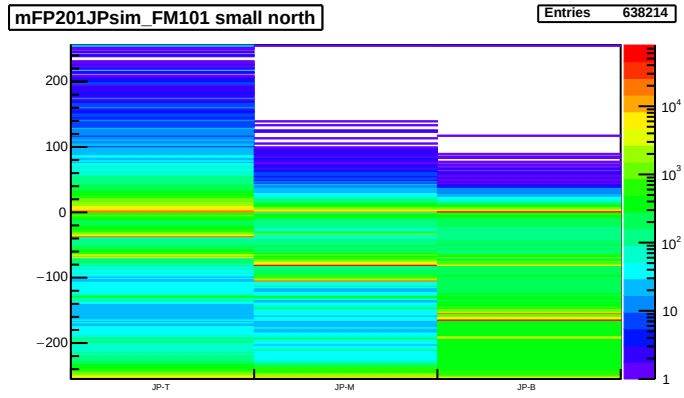

mFP201BS_FM103 large north
Entries 1699175
1
0
553
1752
6219
6169
11301
339282
338083
333616
333666
328534
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3

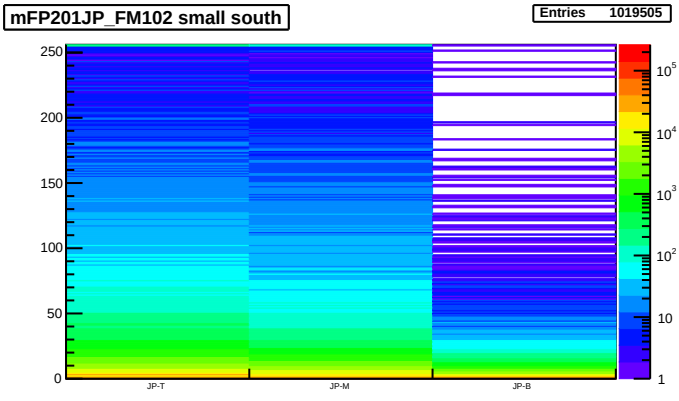

mFP201BSsim_FM103 large north
Entries 1029491
1
0
-1
27
90
2412
259
7181
259889
256926
151374
258047
93286
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

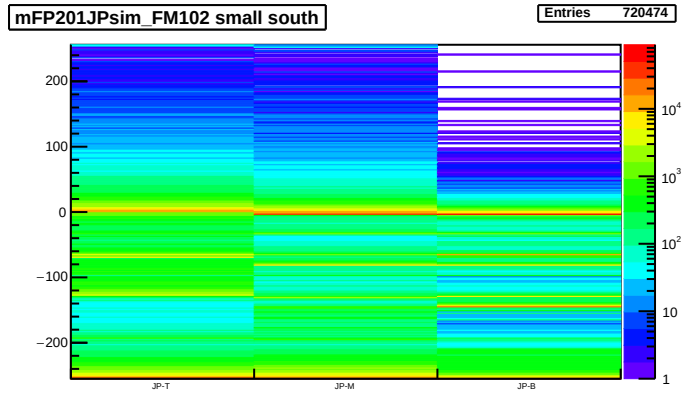

mFP201BS_FM104 large south
Entries 1699175
1
0
31
327
3104
61
41
339804
339508
336731
339774
339794
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2

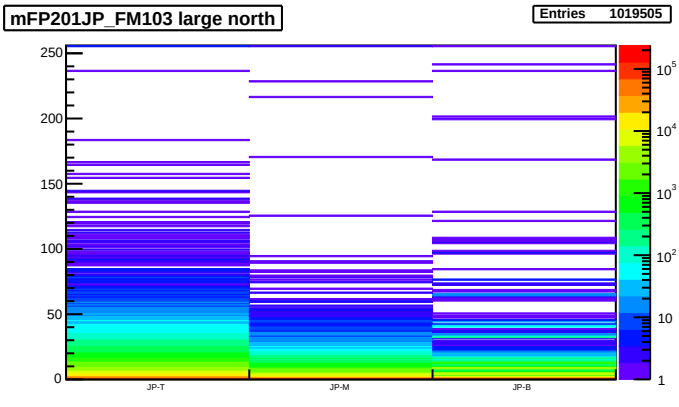

mFP201BSsim_FM104 large south
Entries 391719
1
0
-1
13
186
1683
27
37
127739
42258
85197
130102
4477
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

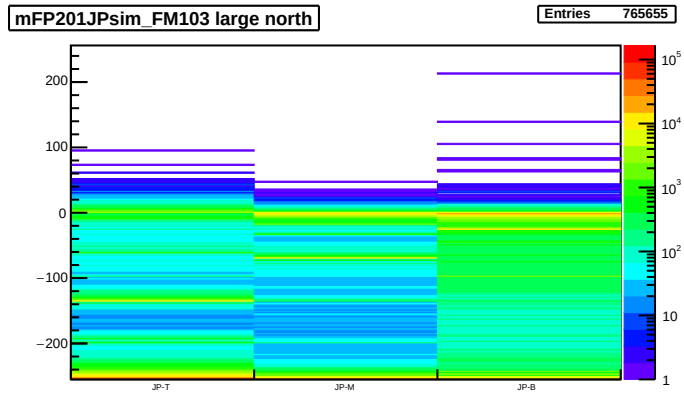

mFP201JP_FM101 small north
Entries 1019505
JP-T
JP-M
JP-B

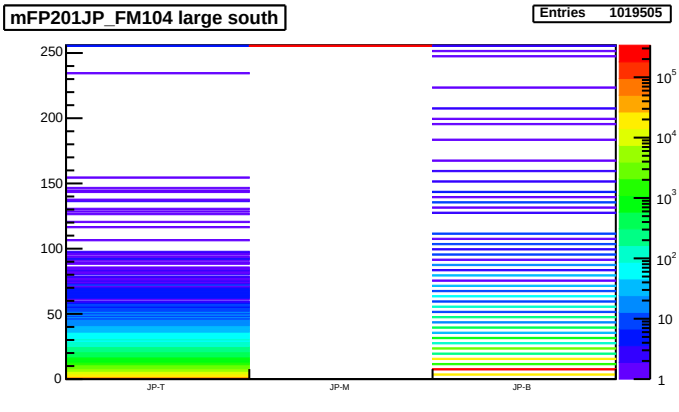

mFP201JPsim_FM101 small north
Entries 638214
JP-T
JP-M
JP-B

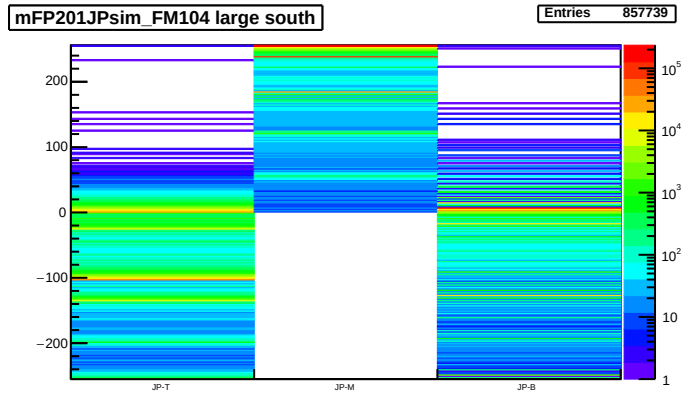

mFP201JP_FM102 small south
Entries 1019505
JP-T
JP-M
JP-B

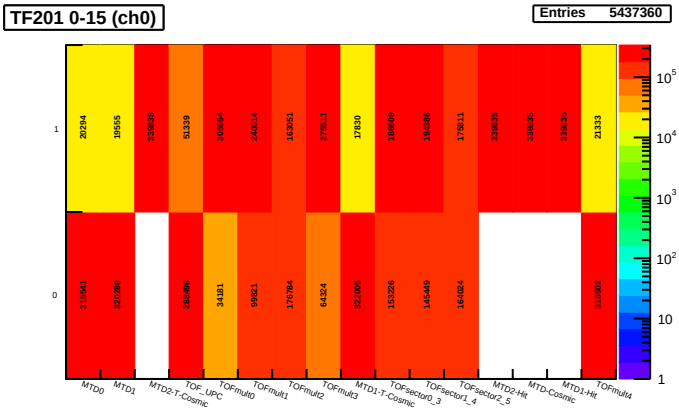

mFP201JPsim_FM102 small south
Entries 720474
JP-T
JP-M
JP-B

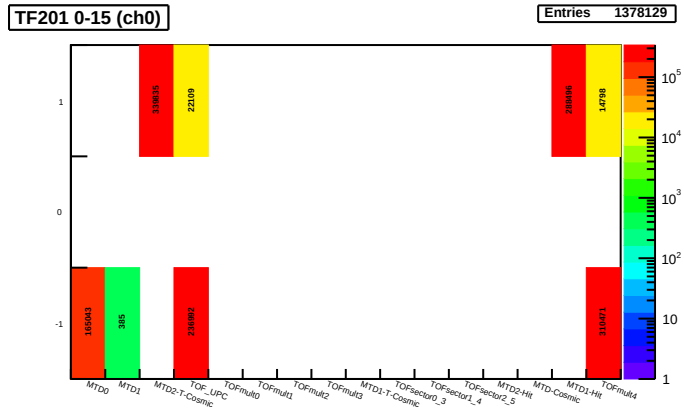

mFP201JP_FM103 large north
Entries 1019505
JP-T
JP-M
JP-B

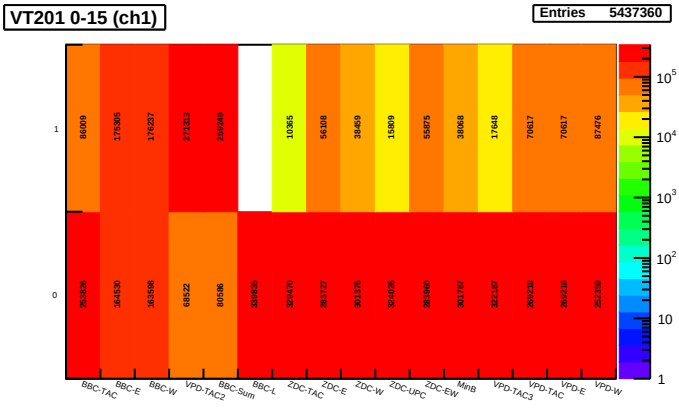

mFP201JPsim_FM103 large north
Entries 765655
JP-T
JP-M
JP-B

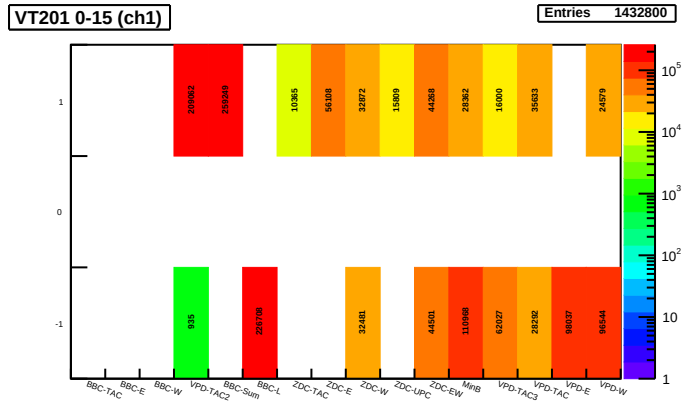

mFP201JP_FM104 large south
Entries 1019505
JP-T
JP-M
JP-B

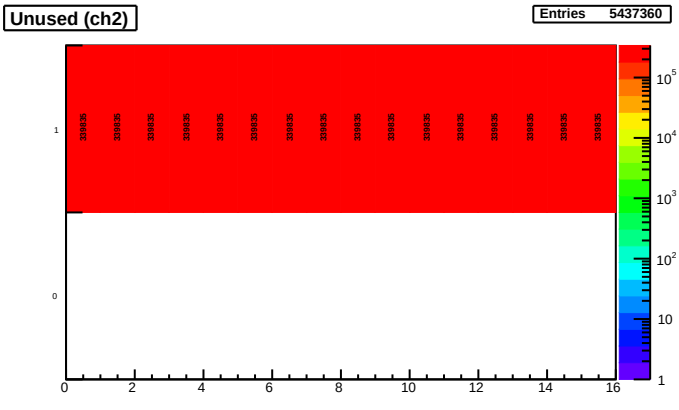

mFP201JPsim_FM104 large south
Entries 857739
JP-T
JP-M
JP-B

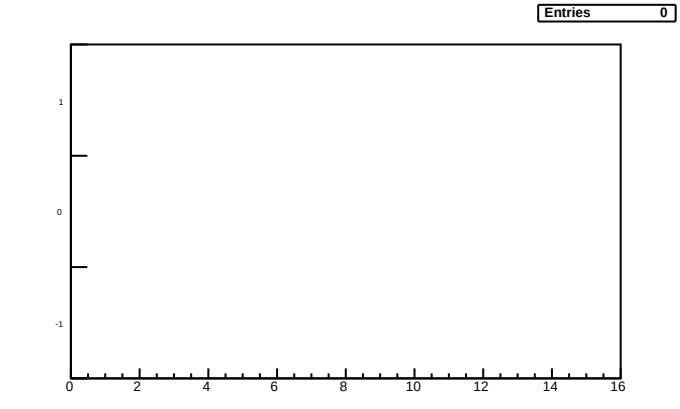

TF201 0-15 (ch0)
Entries 5437360
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

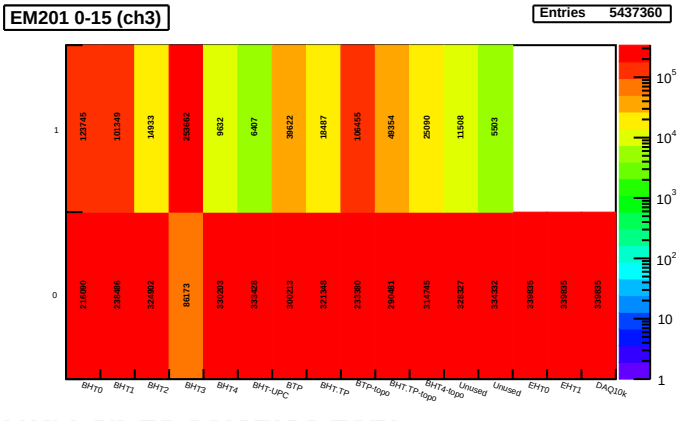

TF201 0-15 (ch0)
Entries 1378129
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

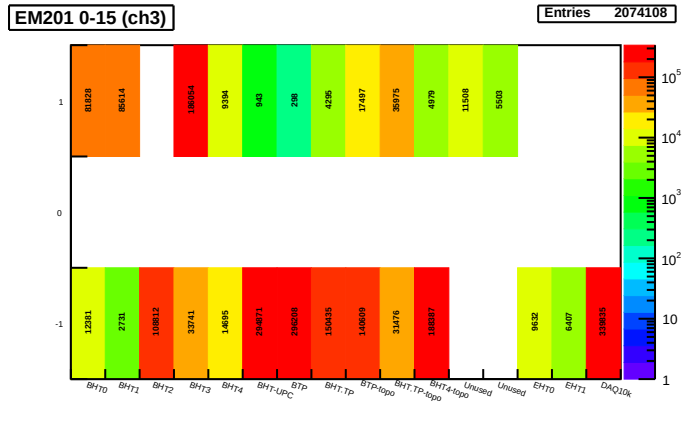

VT201 0-15 (ch1)
Entries 5437360
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

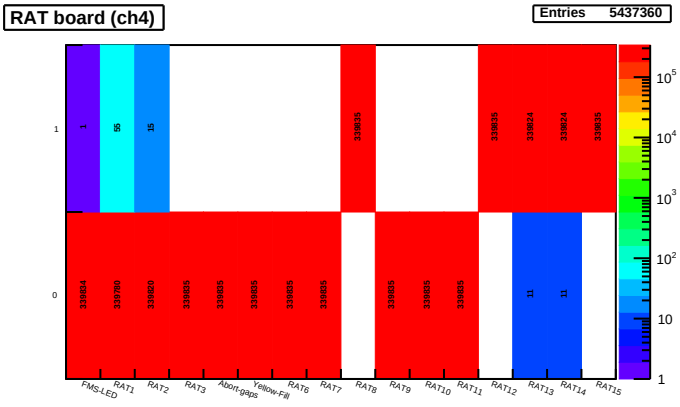

VT201 0-15 (ch1)
Entries 1432800
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


Unused (ch2)
Entries 5437360


Entries 0


EM201 0-15 (ch3)
Entries 5437360
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 2074108
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 5437360
1
55
15
339835
339835
339824
339824
339835
339834
339760
339820
339835
339835
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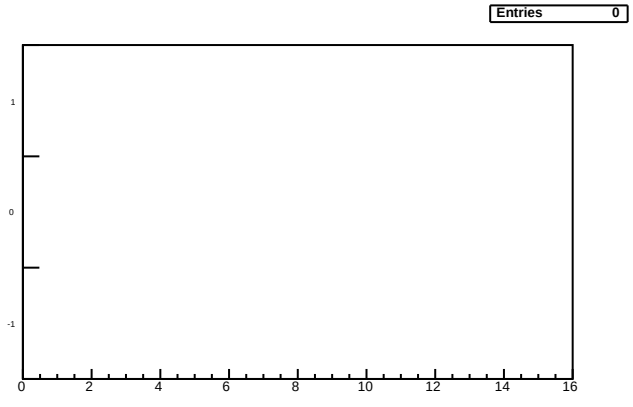
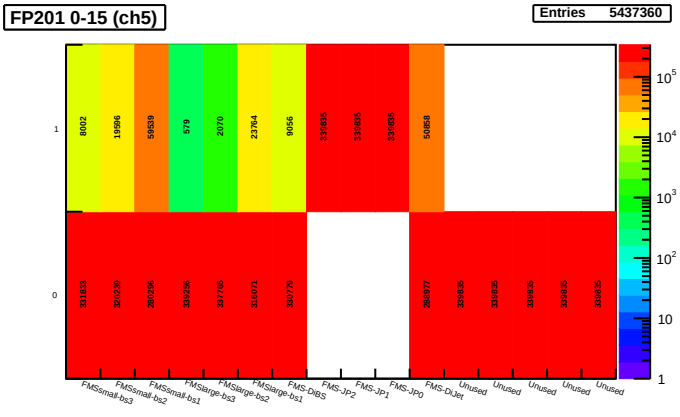
339835
339835
339835
339835
11
11
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0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579
2070
23764
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320239
280286
339256
337785
316071
330779
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FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
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FMS-JP2
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FMS-Dijet
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Unused
Unused
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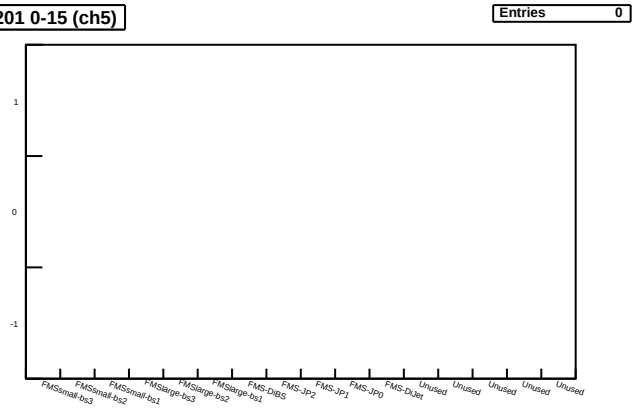
Unused


FP201 0-15 (ch5)
Entries 0
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
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FMS-Dijet
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Unused
Unused
Unused
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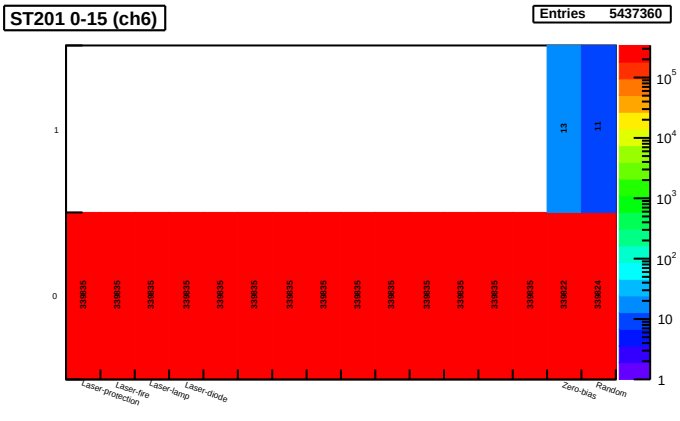
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11
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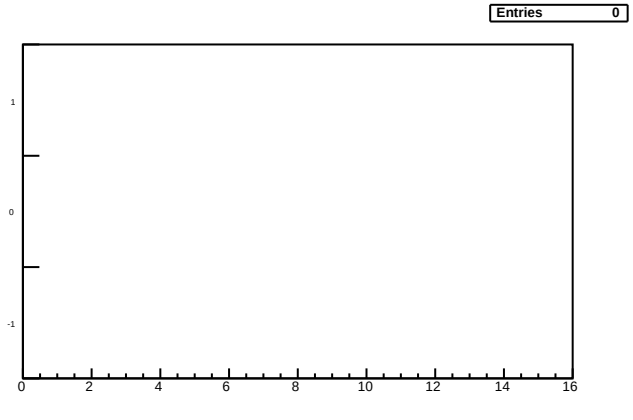
339824
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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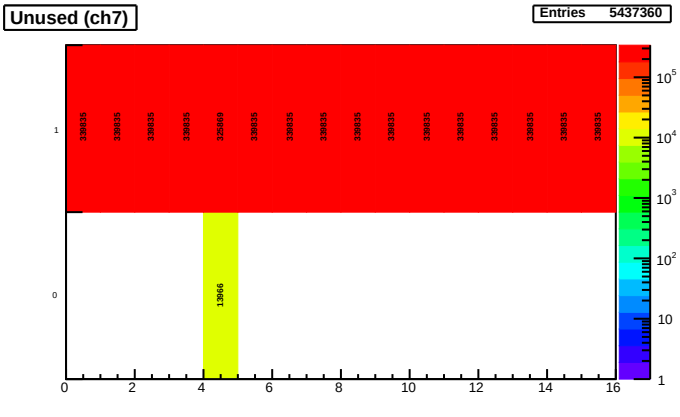
Unused (ch7)
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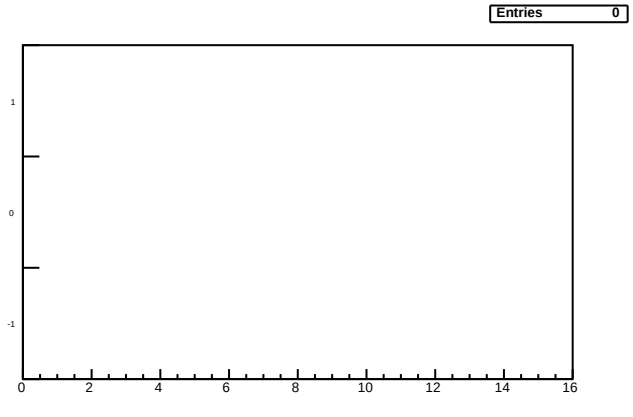
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