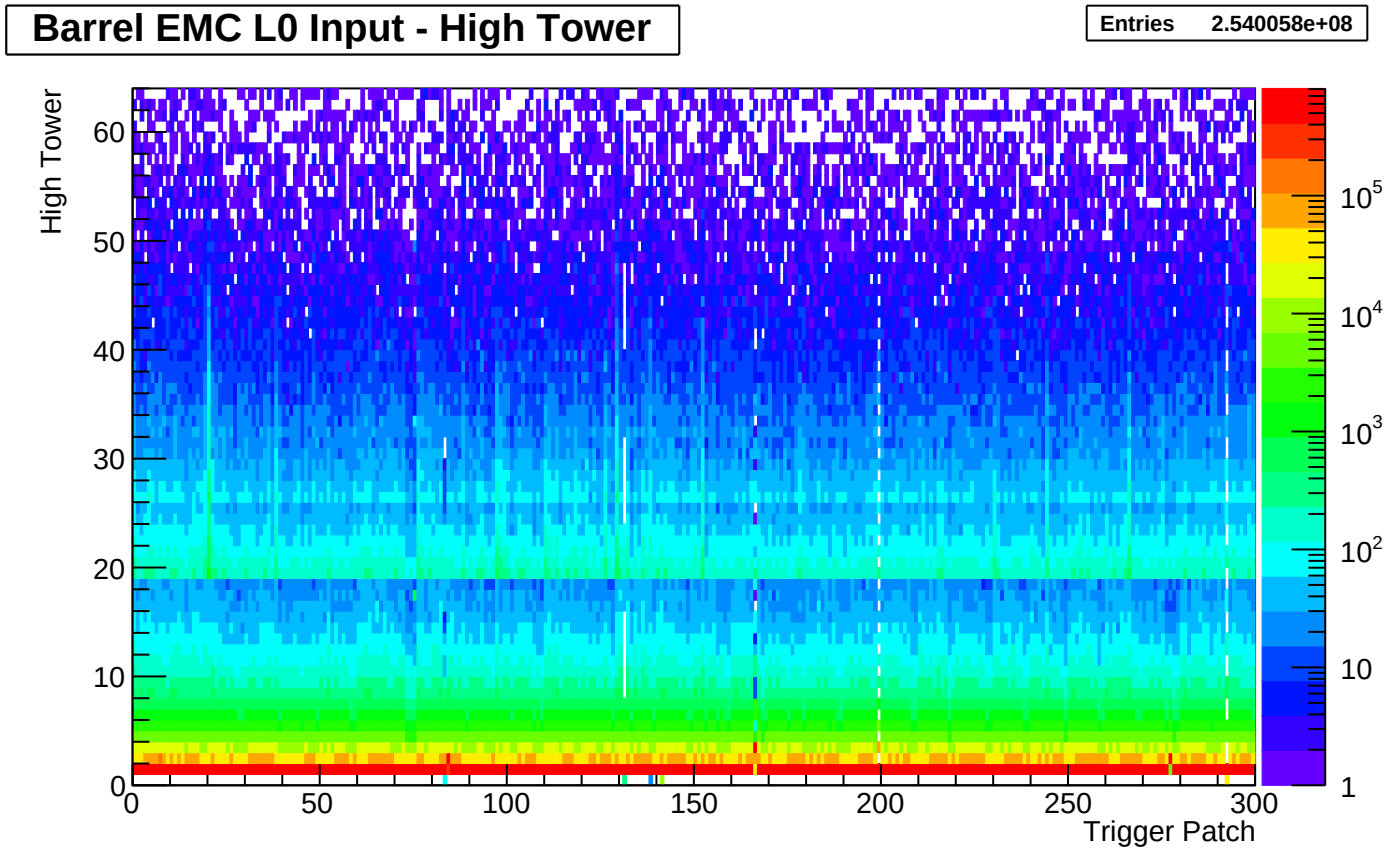
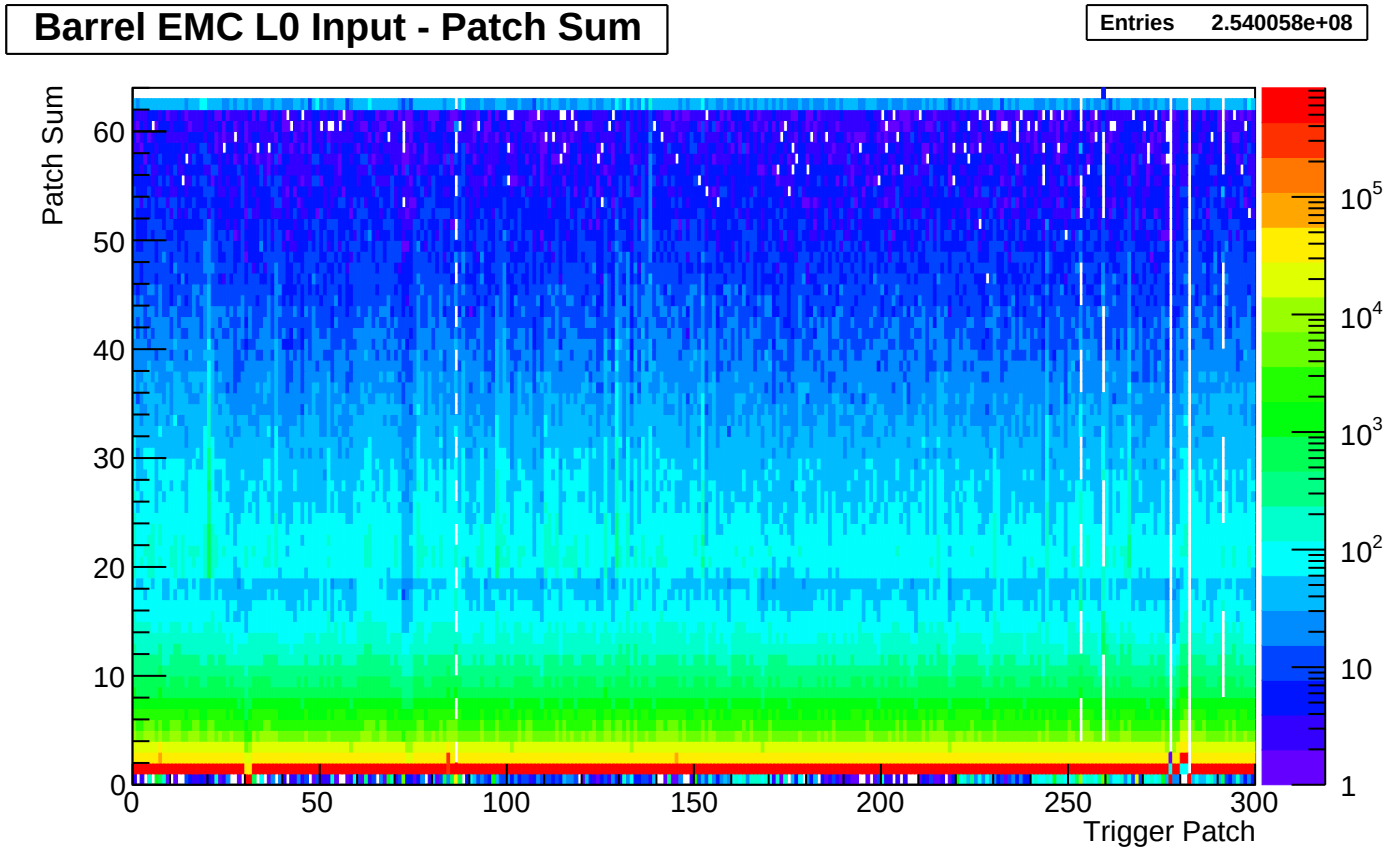
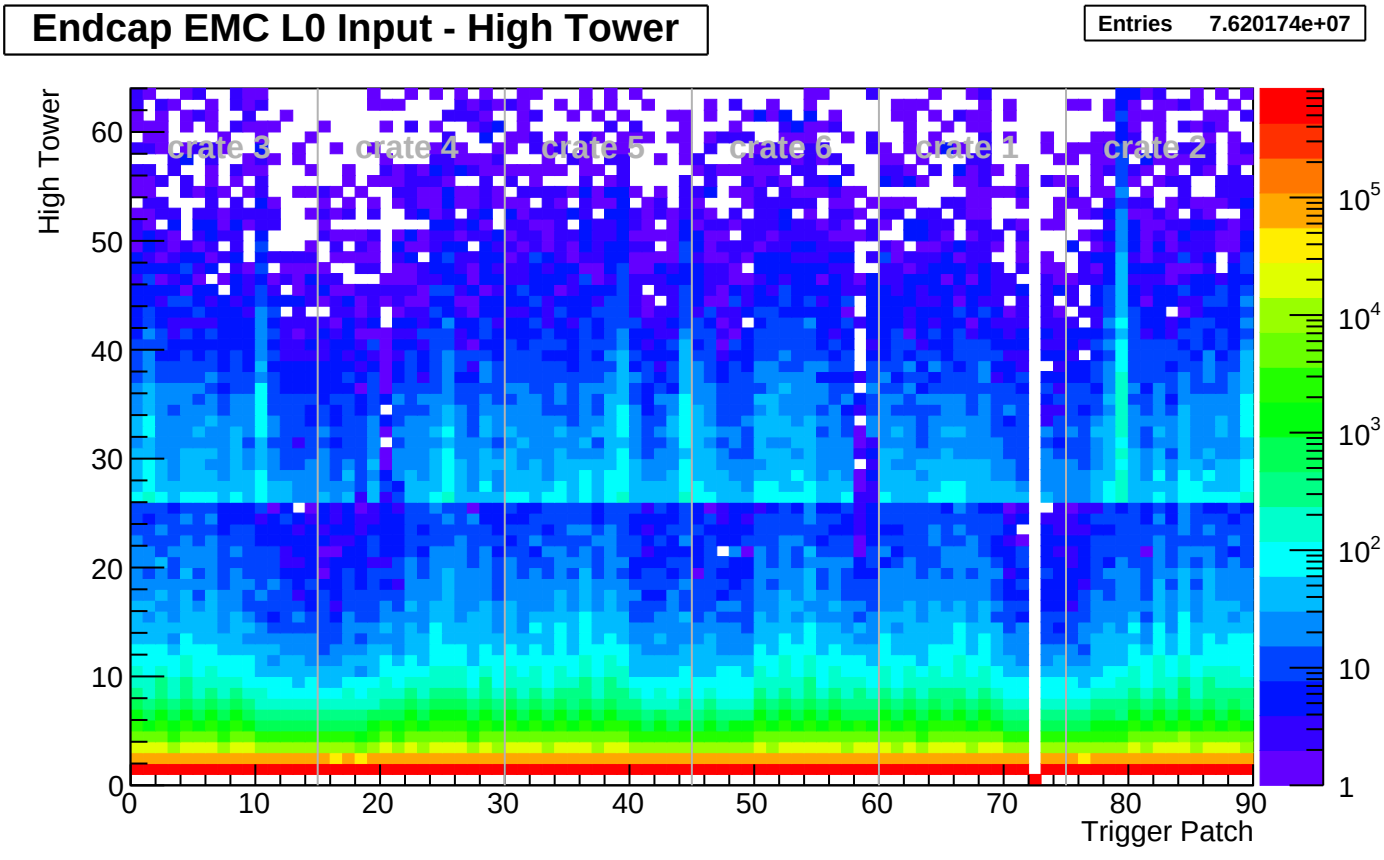
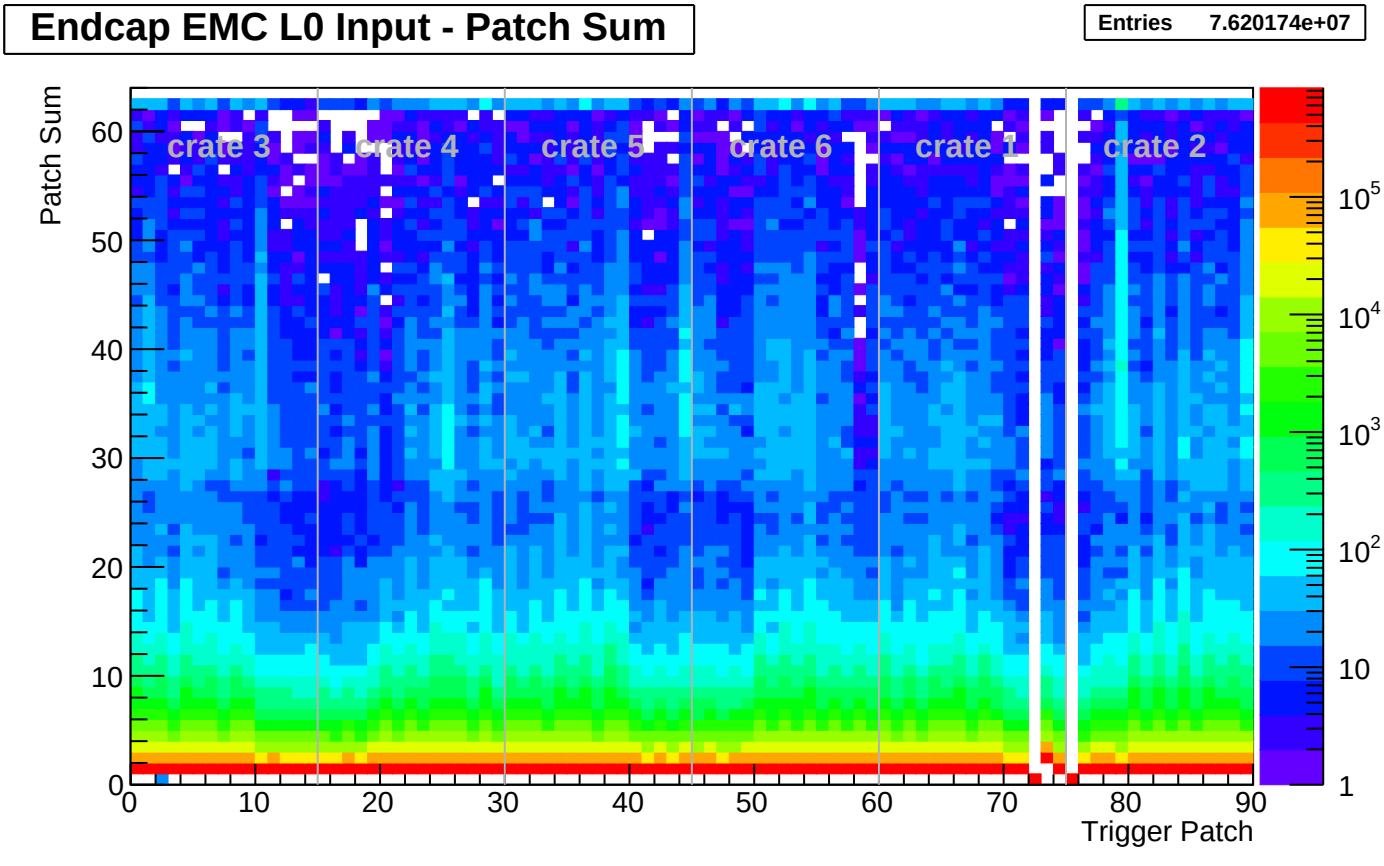
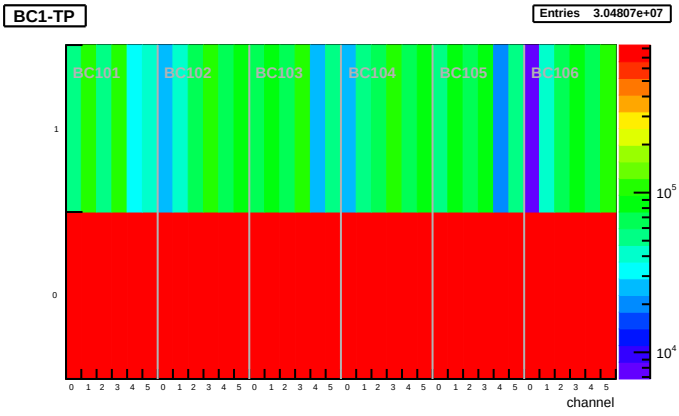
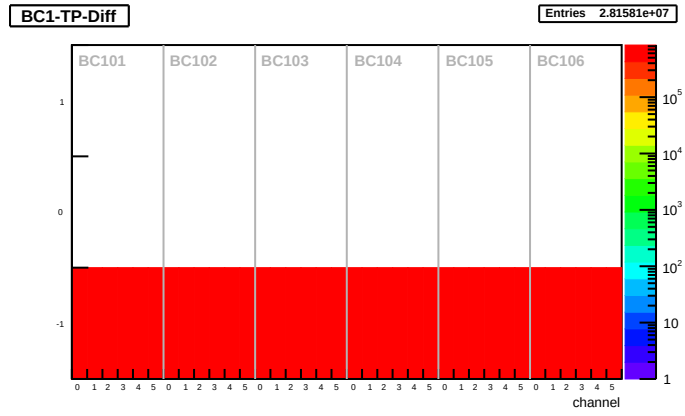

Barrel EMC L0 Input - High Tower
Entries 2.540058e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

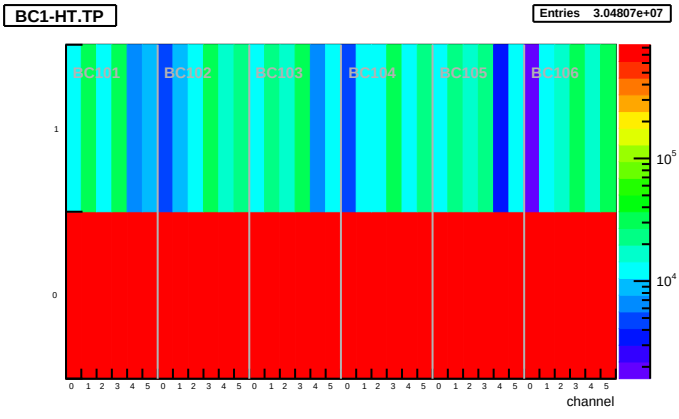

Barrel EMC L0 Input - Patch Sum
Entries 2.540058e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

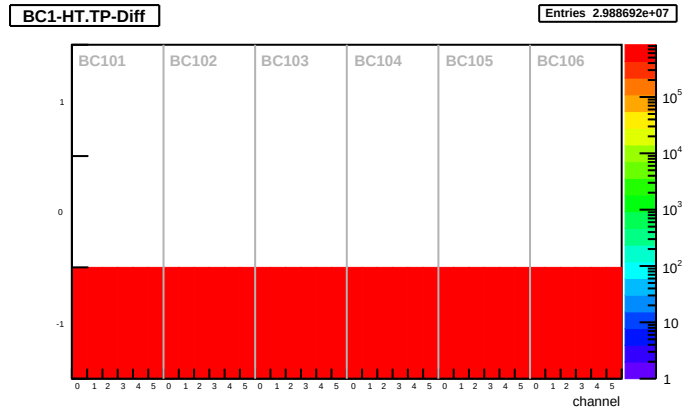

Endcap EMC L0 Input - High Tower
Entries 7.620174e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

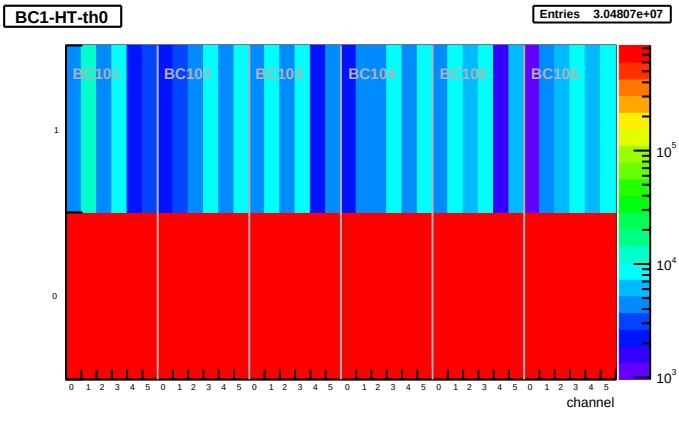

Endcap EMC L0 Input - Patch Sum
Entries 7.620174e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

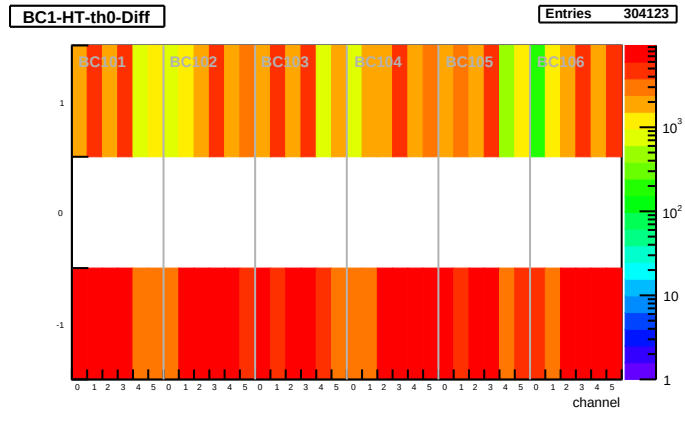

BC1-TP
Entries 3.04807e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

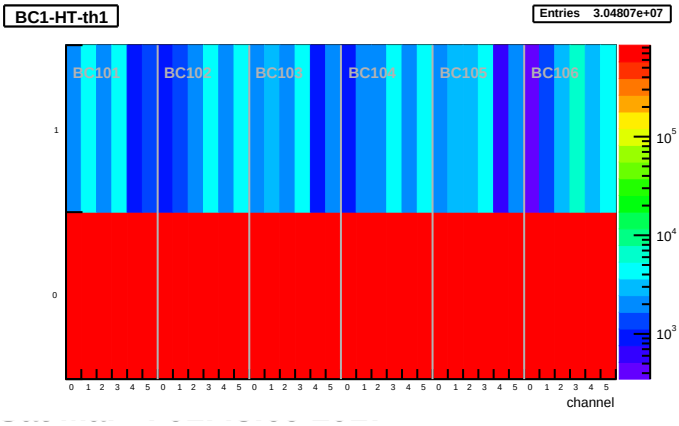

BC1-TP-Diff
Entries 2.81581e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

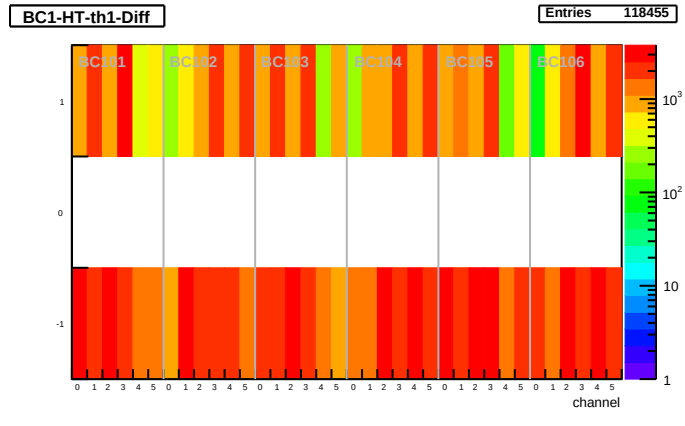

BC1-HT.TP
Entries 3.04807e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

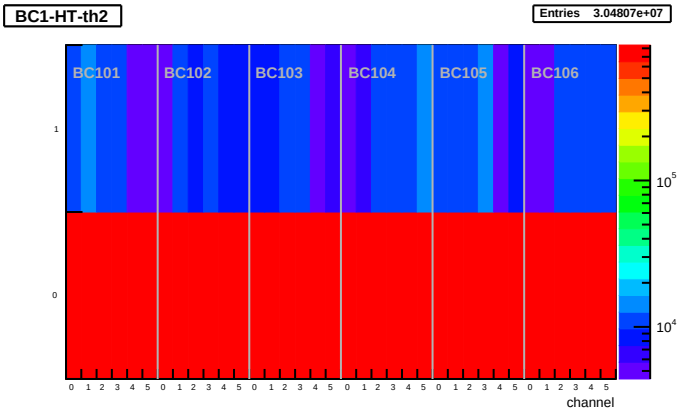

BC1-HT.TP-Diff
Entries 2.988692e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

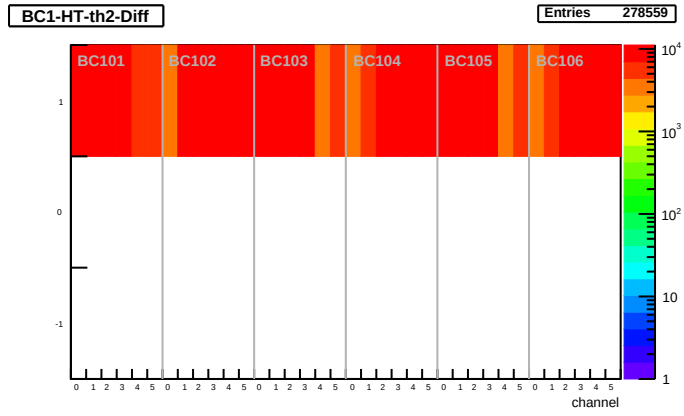

BC1-HT-th0
Entries 3.04807e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

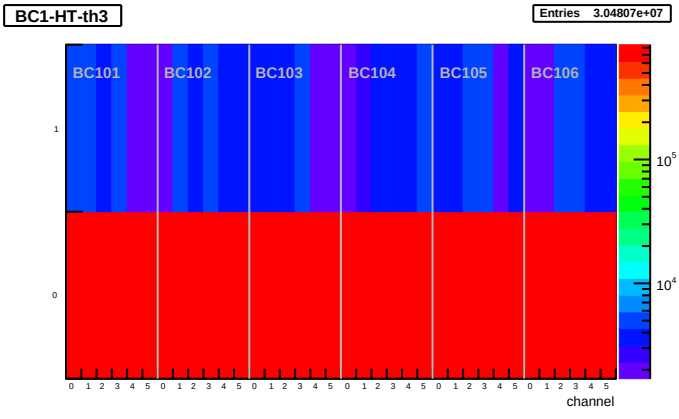

BC1-HT-th0-Diff
Entries 304123
BC101
BC102
BC103
BC104
BC105
BC106
channel

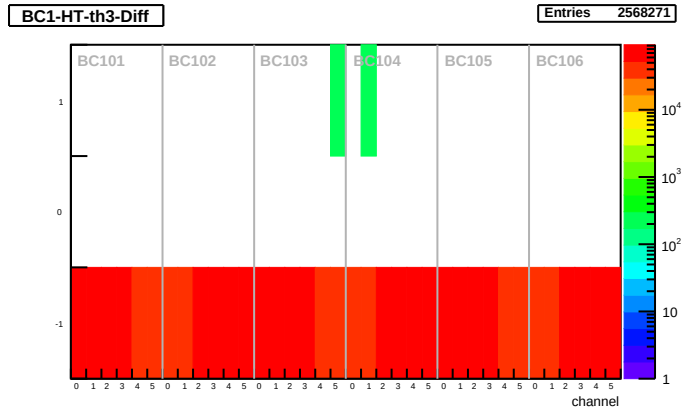

BC1-HT-th1
Entries 3.04807e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

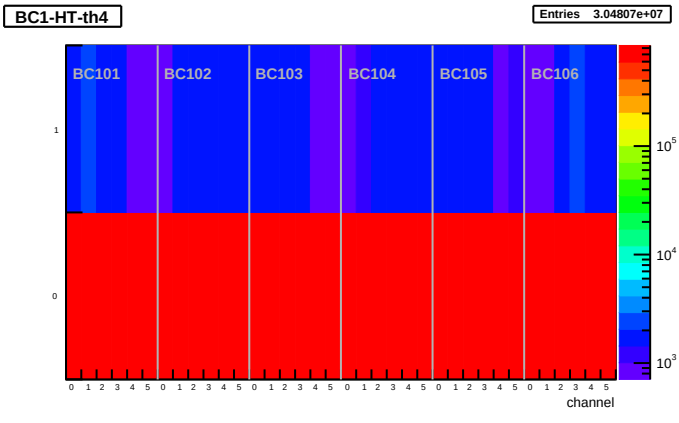

BC1-HT-th1-Diff
Entries 118455
BC101
BC102
BC103
BC104
BC105
BC106
channel

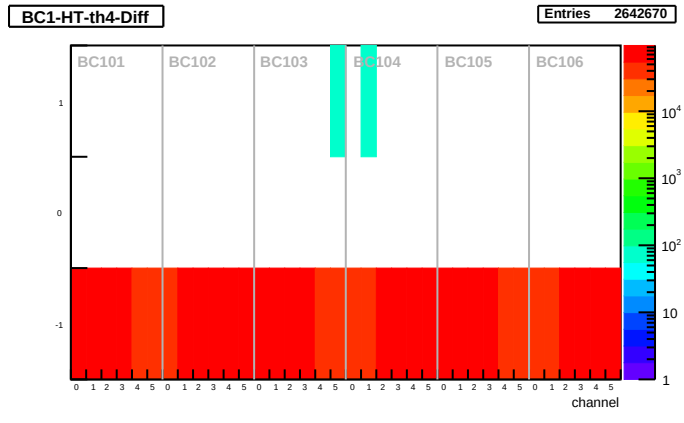

BC1-HT-th2
Entries 3.04807e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

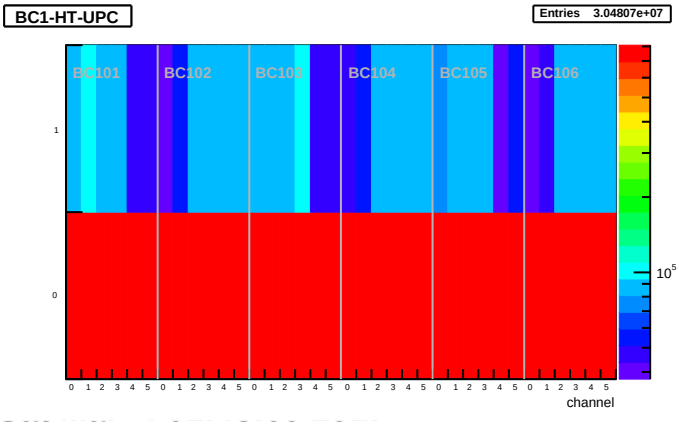

BC1-HT-th2-Diff
Entries 278559
BC101
BC102
BC103
BC104
BC105
BC106
channel

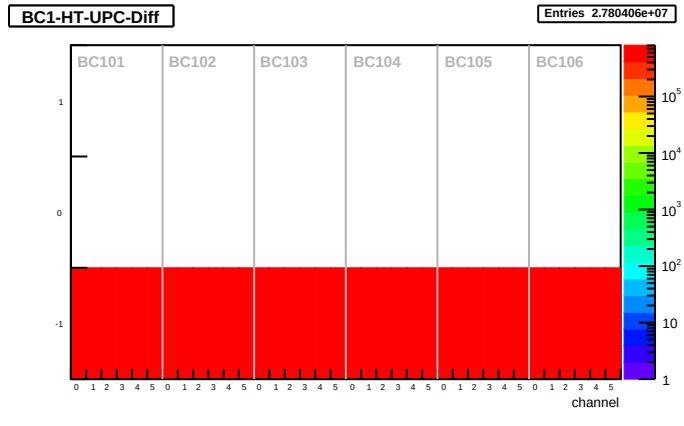

BC1-HT-th3
Entries 3.04807e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

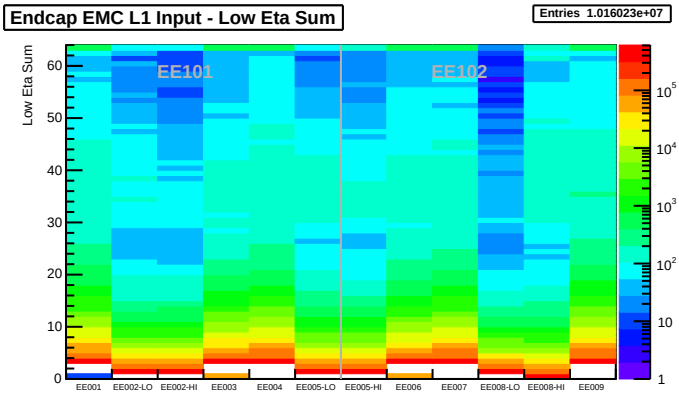

BC1-HT-th3-Diff
Entries 2568271
BC101
BC102
BC103
BC104
BC105
BC106
channel

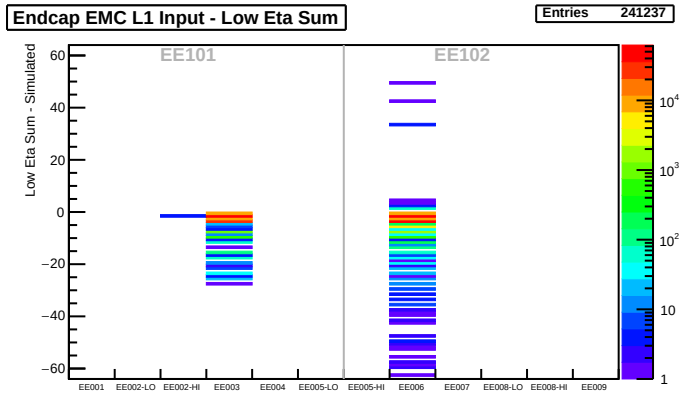

BC1-HT-th4
Entries 3.04807e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

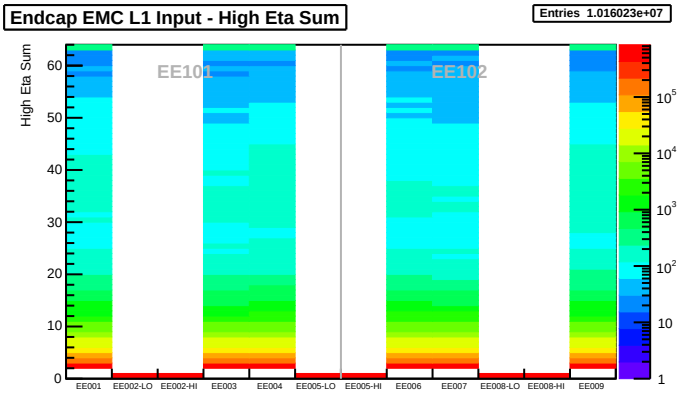

BC1-HT-th4-Diff
Entries 2642670
BC101
BC102
BC103
BC104
BC105
BC106
channel

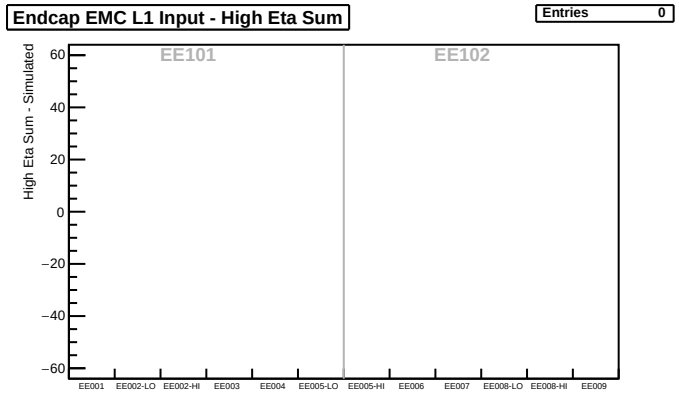

BC1-HT-UPC
Entries 3.04807e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

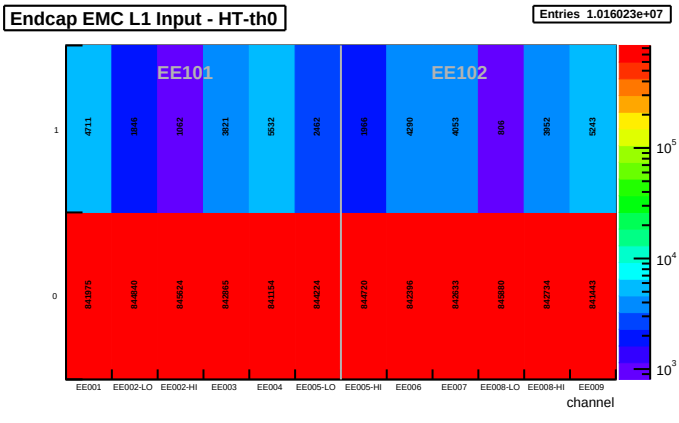

BC1-HT-UPC-Diff
Entries 2.780406e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

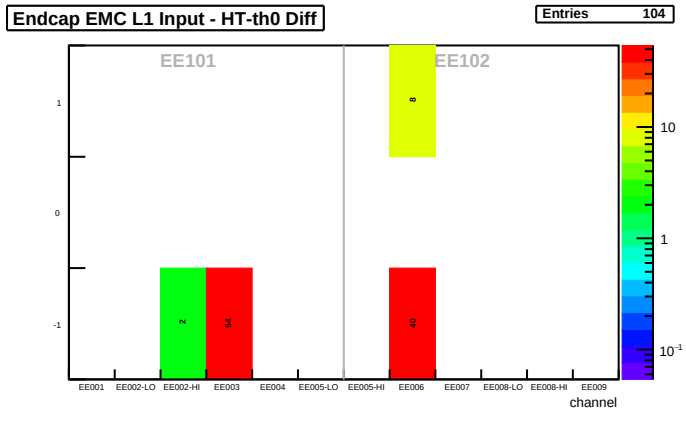

Endcap EMC L1 Input - Low Eta Sum
Entries 1.016023e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

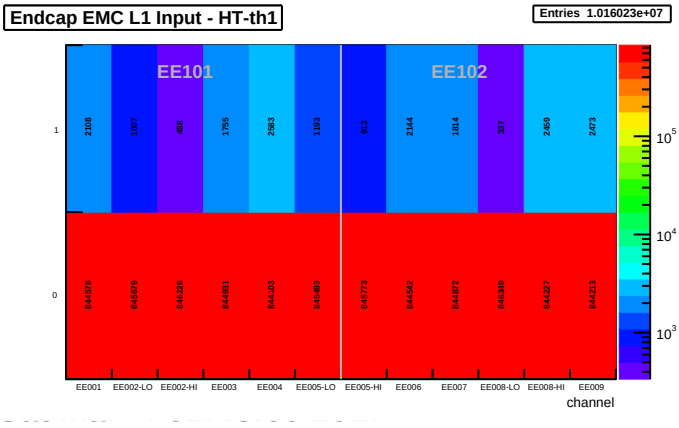

Endcap EMC L1 Input - Low Eta Sum
Entries 241237
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

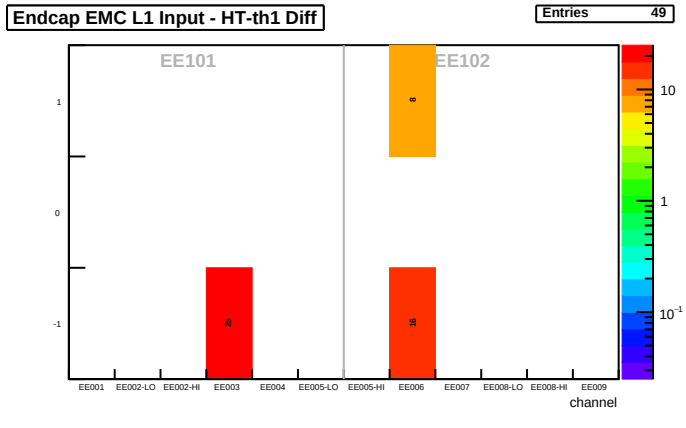

Endcap EMC L1 Input - High Eta Sum
Entries 1.016023e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

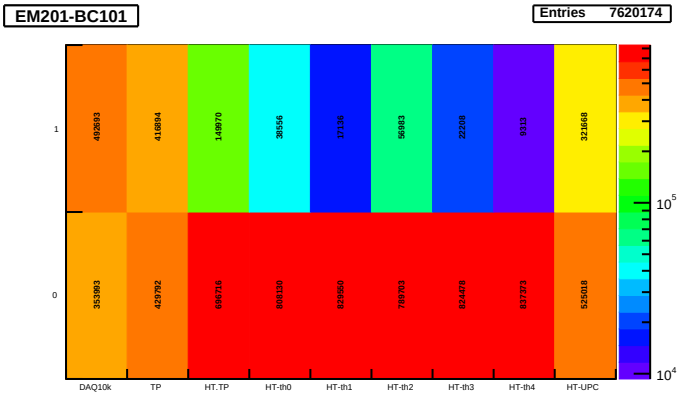

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

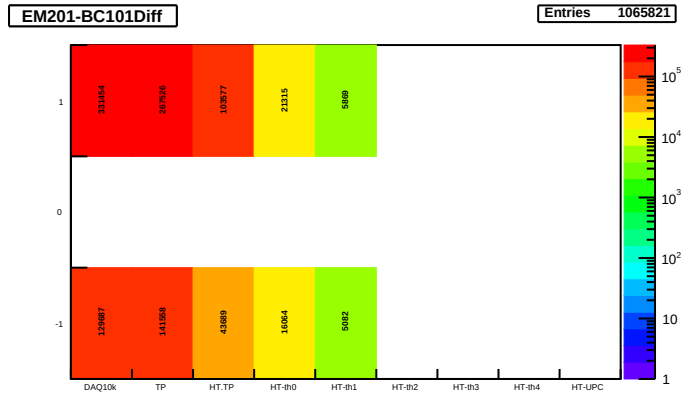

Endcap EMC L1 Input - HT-th0
Entries 1.016023e+07
EE101
EE102
4711 1946 1062 3821 5532 2462 1956 4290 4053 806 3952 5243
843975 844840 845624 842865 841154 844224 844720 842396 843033 843880 842734 841443
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

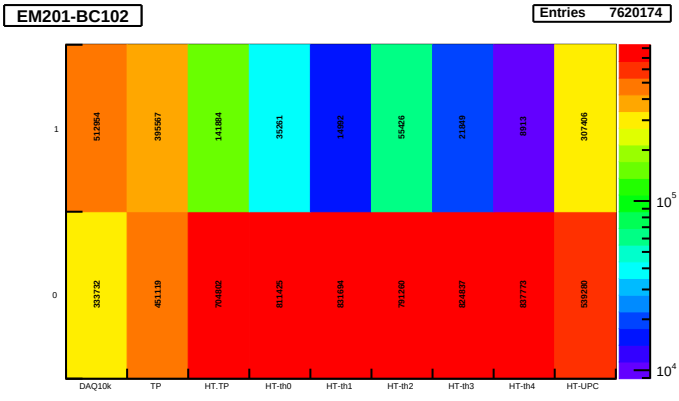

Endcap EMC L1 Input - HT-th0 Diff
Entries 104
EE101
EE102
8
2 54 40
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

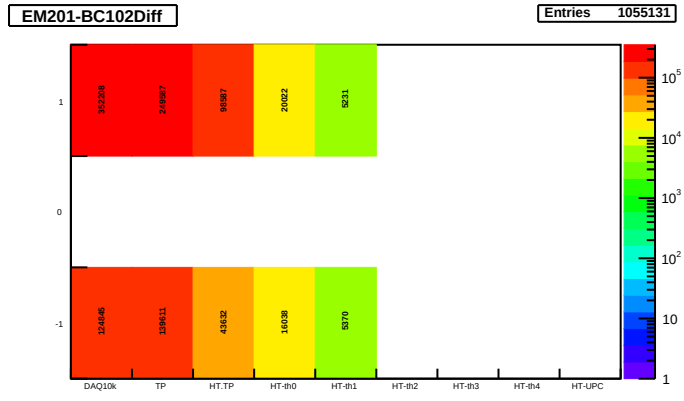

Endcap EMC L1 Input - HT-th1
Entries 1.016023e+07
EE101
EE102
2108 1007 458 1755 2683 1193 913 2144 1814 337 2469 2473
844878 845679 846228 844931 844103 845403 845773 844542 844872 846349 844227 844213
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

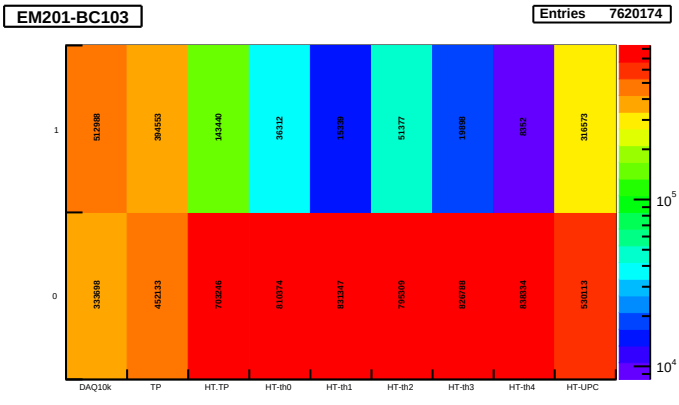

Endcap EMC L1 Input - HT-th1 Diff
Entries 49
EE101
EE102
8
25 16
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

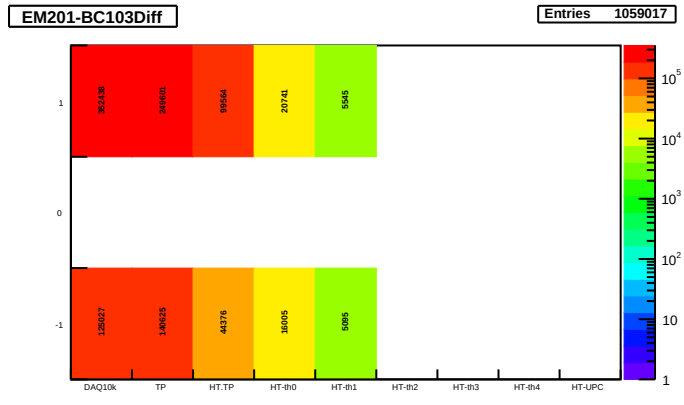

EM201-BC101
Entries 7620174
1
0
492693
416894
149970
38556
17136
56983
22108
9313
321868
353993
429792
696716
808130
829560
799703
824478
837373
525018
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

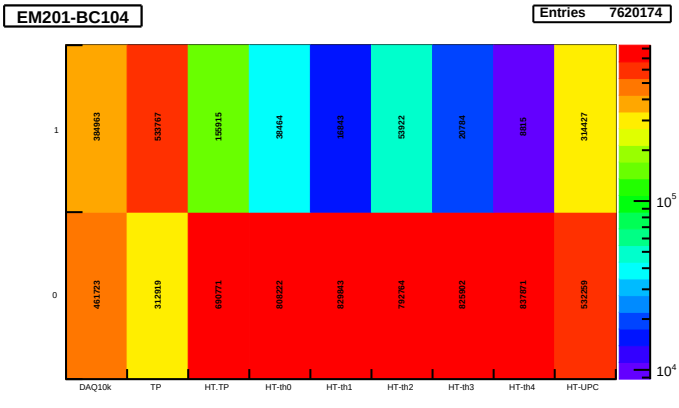

EM201-BC101Diff
Entries 1065821
1
0
-1
331454
267526
103877
21315
5869
129687
141558
43889
16964
5082
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

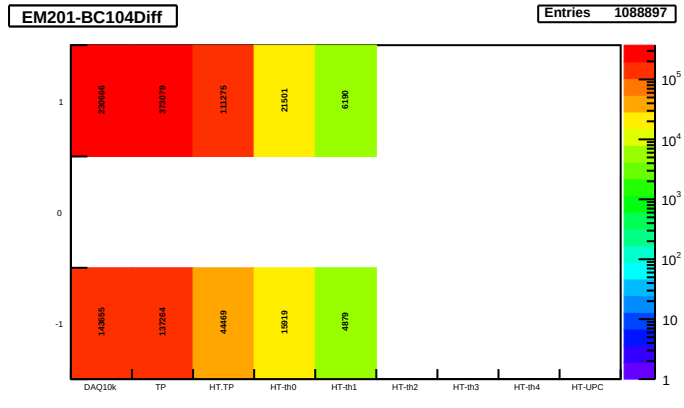

EM201-BC102
Entries 7620174
1
0
512854
395567
141894
35261
14992
55426
21849
8913
307496
333732
451119
794802
811425
831694
791280
824837
837773
529280
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 1055131
1
0
-1
352268
249987
99387
29022
8231
124845
139611
43632
16038
5370
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

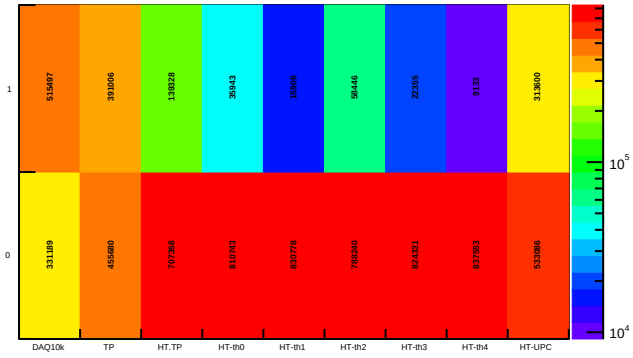

EM201-BC103
Entries 7620174
1
0
512988
394553
143440
36312
15339
51377
19898
8352
316573
333898
452133
703246
818374
831347
793009
826798
838334
530113
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 1059017
1
0
-1
352438
249601
99364
20741
5545
125027
140625
44376
16005
5095
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

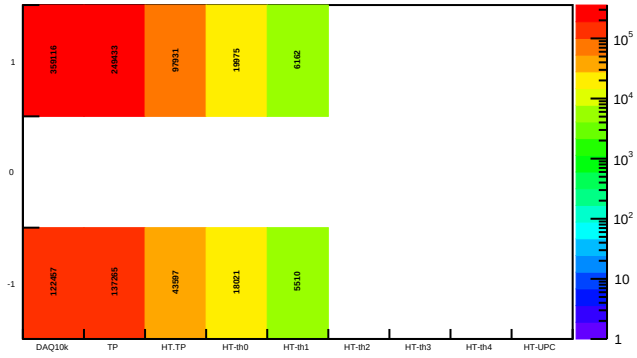

EM201-BC104
Entries 7620174
1
0
384963
533767
159915
38464
16843
53922
20784
8815
314427
461723
312919
690771
808222
828843
792764
825902
837871
522259
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 1088897
1
0
-1
230866
372079
111275
21501
6190
143855
137264
44469
15919
4879
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

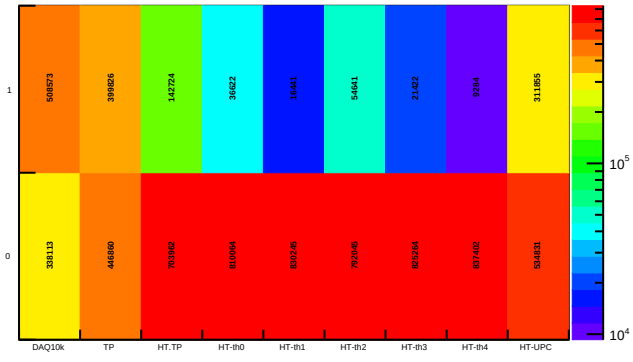
EM201-BC105 Entries 7620174



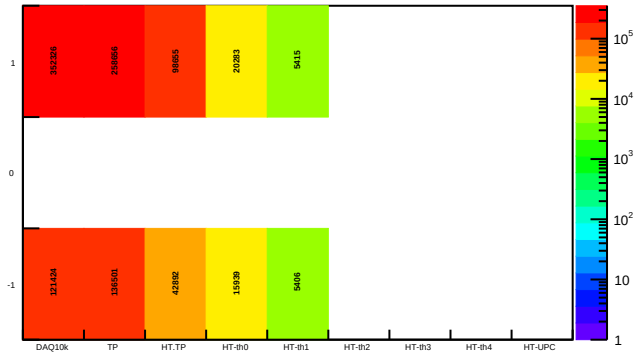
EM201-BC105Diff Entries 1059467



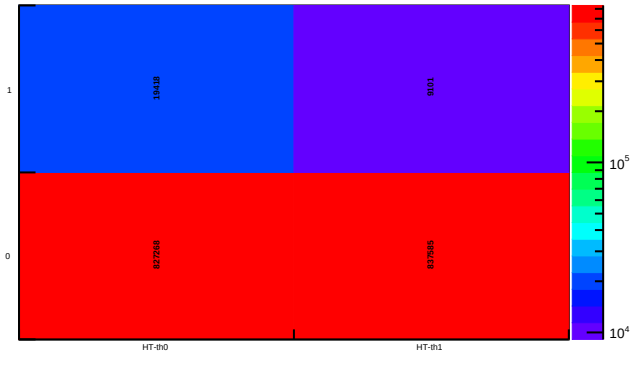
EM201-BC106 Entries 7620174



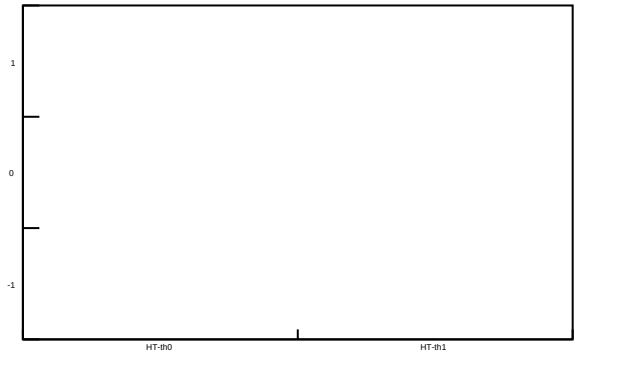
EM201-BC106Diff Entries 1057497



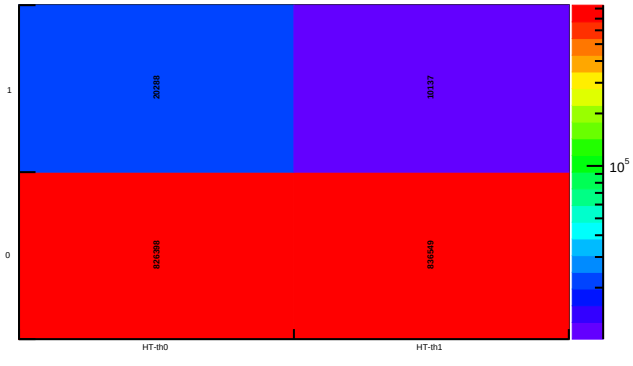
EM201-EE101 Entries 1693372



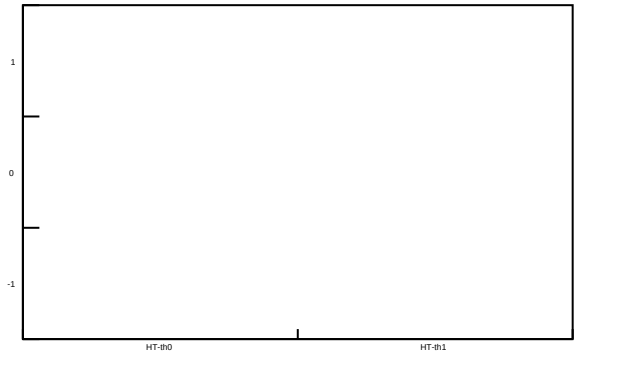
EM201-EE101Diff Entries 0

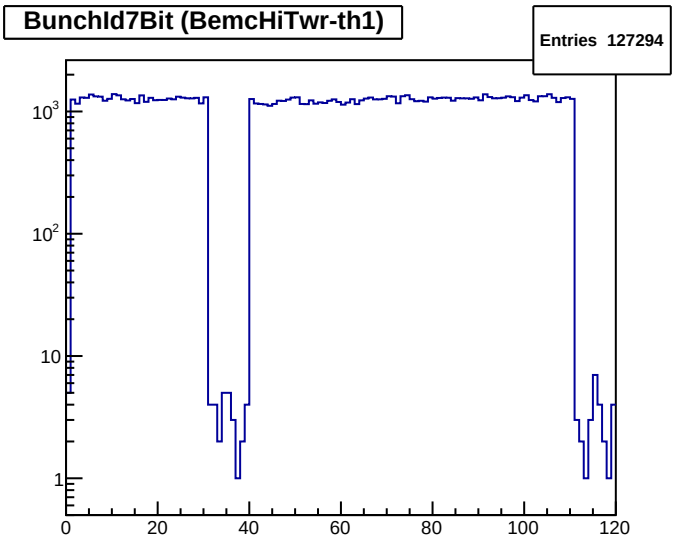


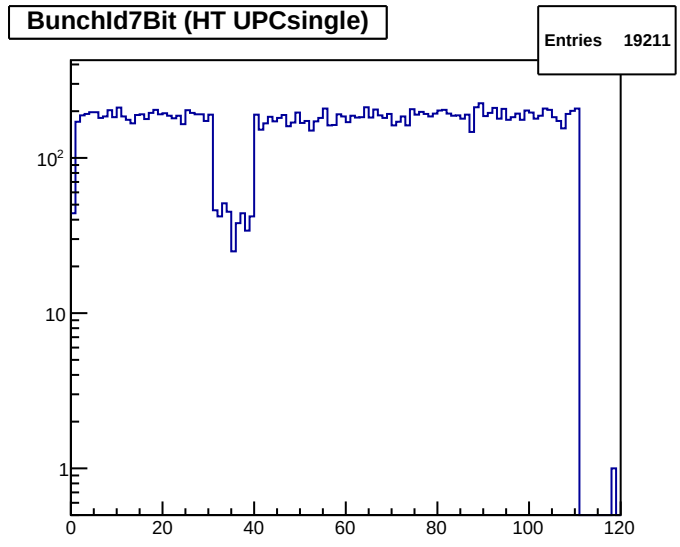
EM201-EE102 Entries 1693372

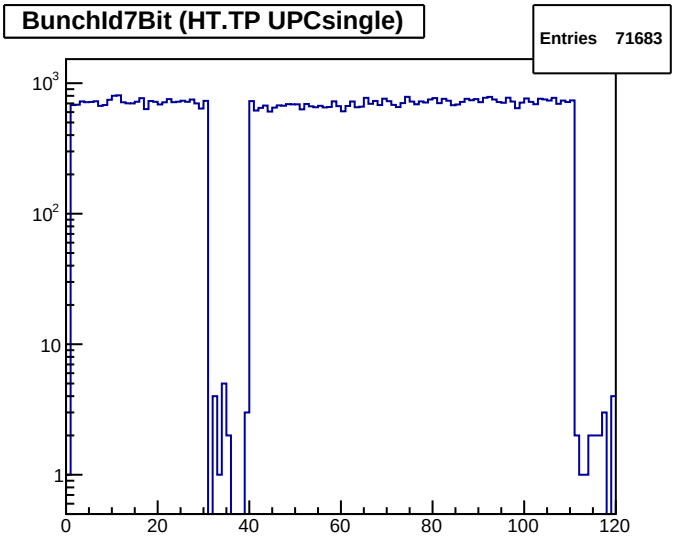


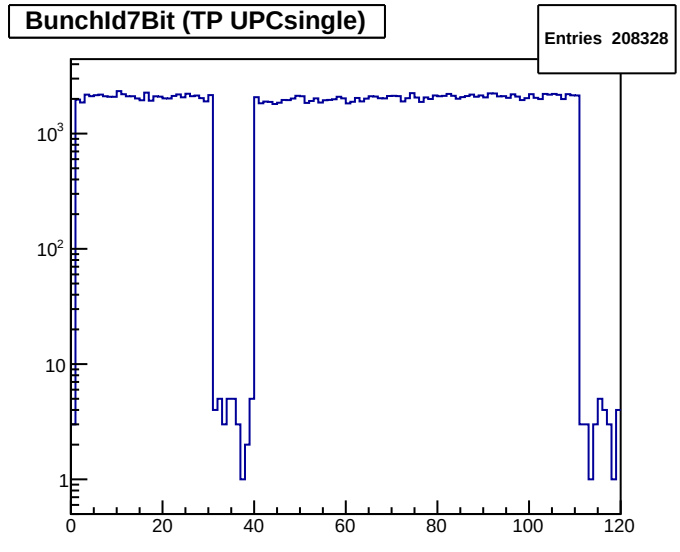
EM201-EE102Diff Entries 0

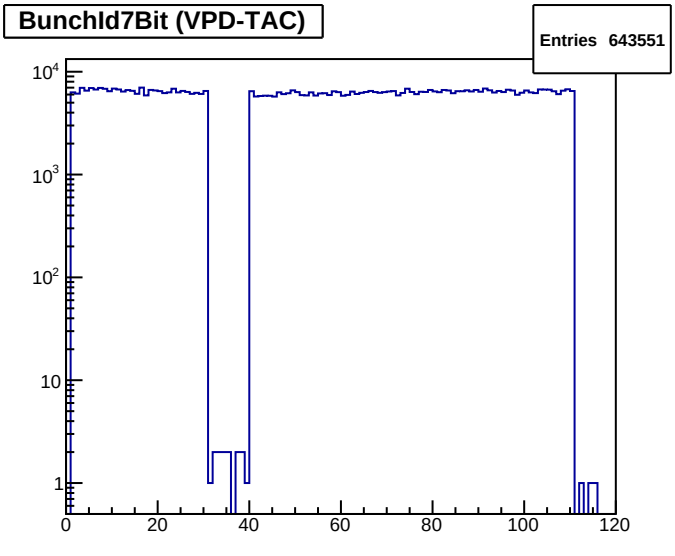


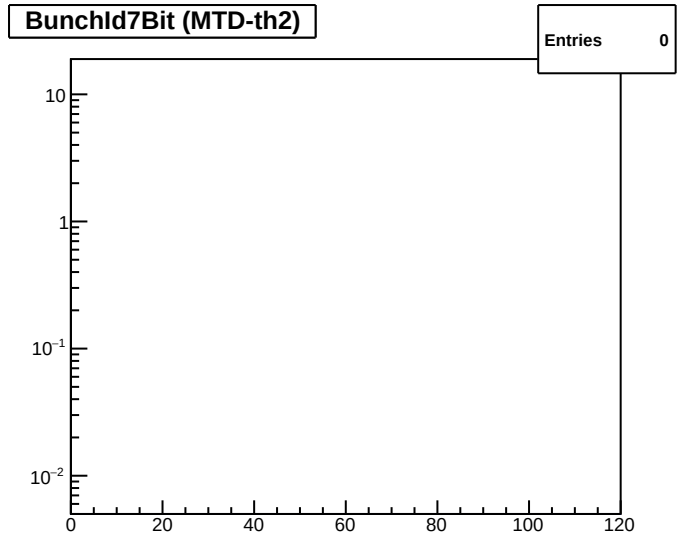

BunchId7Bit (BemcHiTwr-th1)
Entries 127294

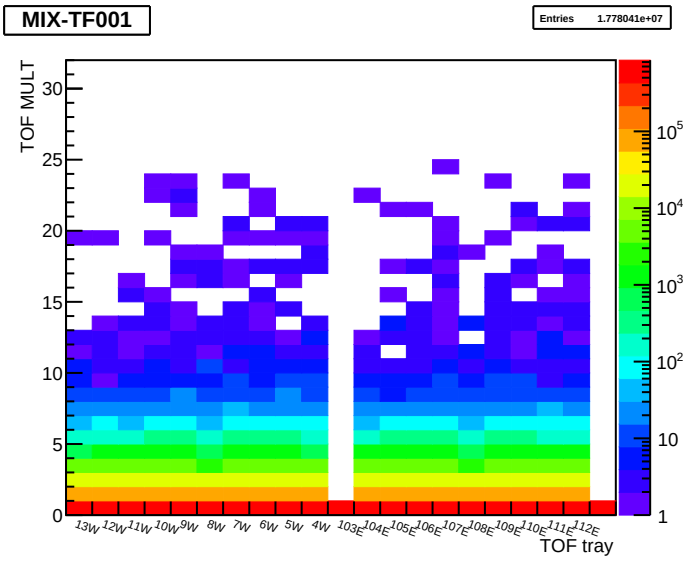

BunchId7Bit (HT UPCsingle)
Entries 19211

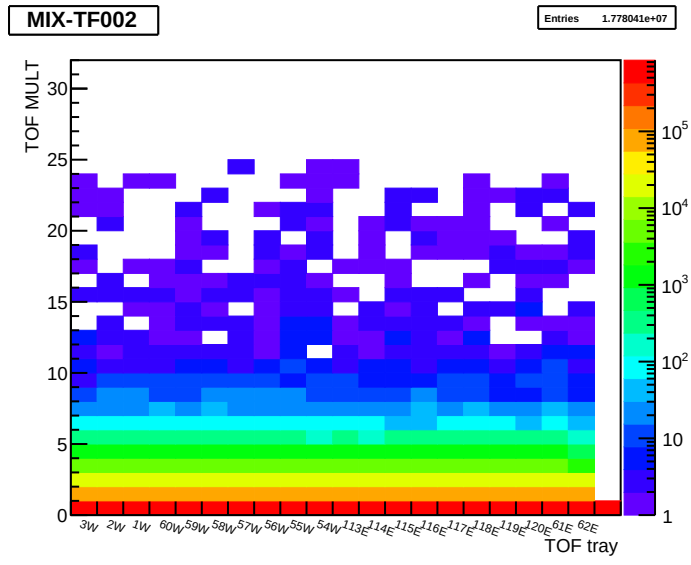

BunchId7Bit (HT.TP UPCsingle)
Entries 71683

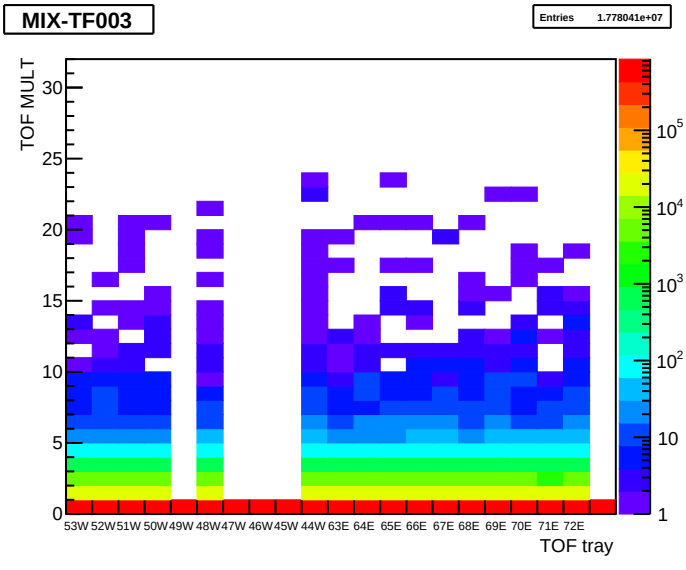

BunchId7Bit (TP UPCsingle)
Entries 208328

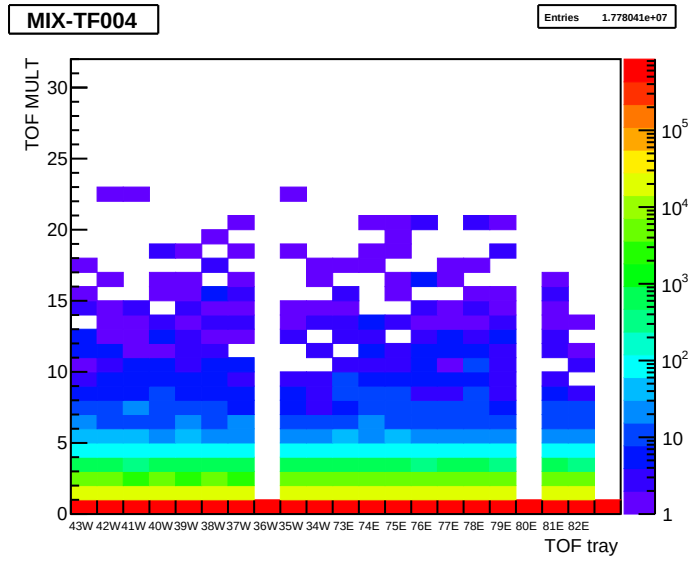

BunchId7Bit (VPD-TAC)
Entries 643551

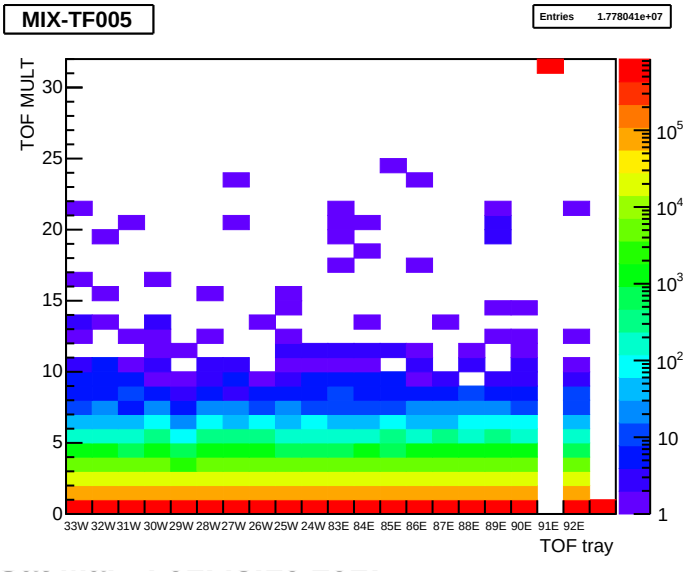

BunchId7Bit (MTD-th2)
Entries 0

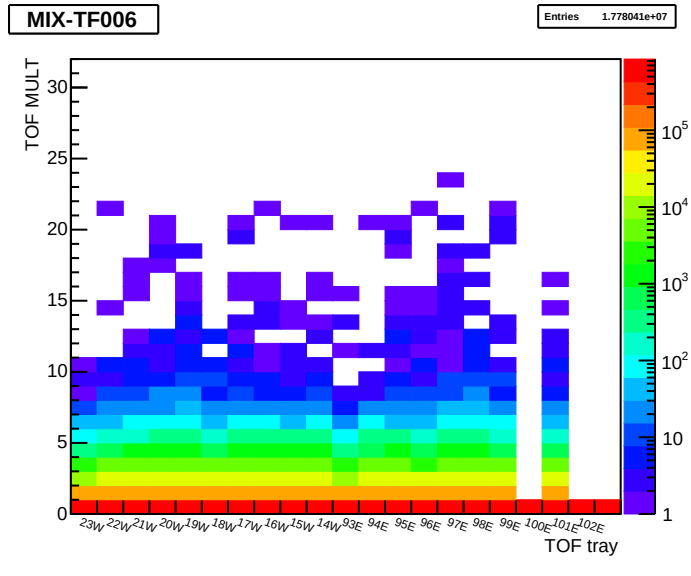

MIX-TF001
Entries 1.778041e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

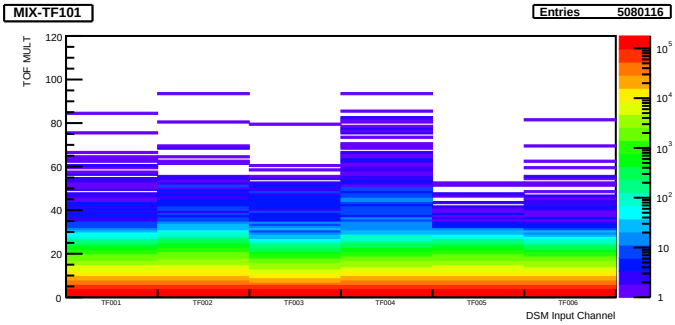

MIX-TF002
Entries 1.778041e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

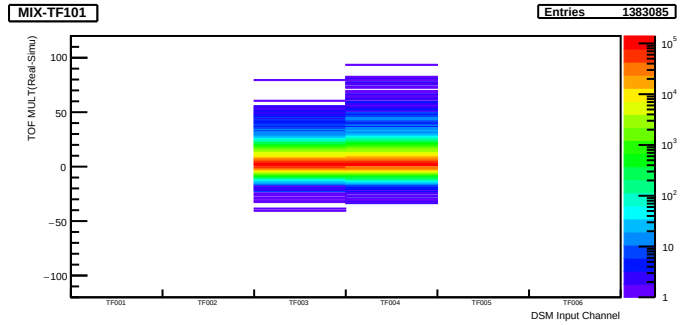

MIX-TF003
Entries 1.778041e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

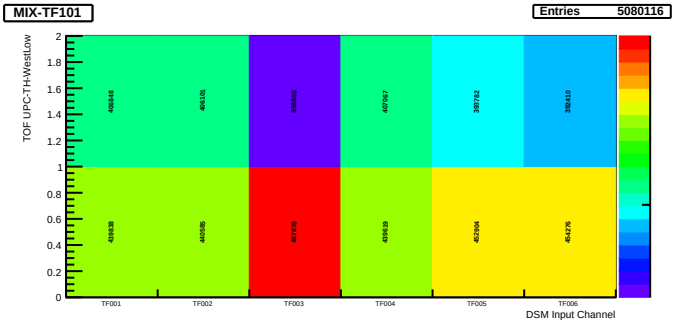

MIX-TF004
Entries 1.778041e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

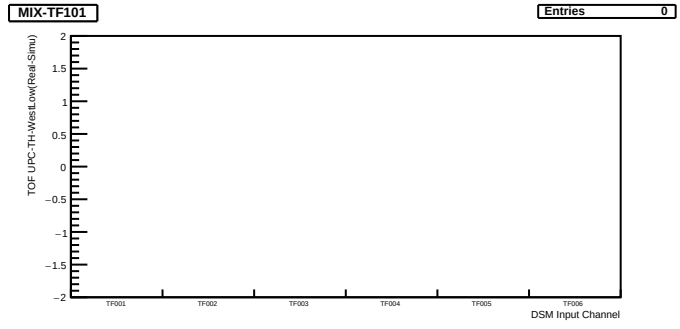

MIX-TF005
Entries 1.778041e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

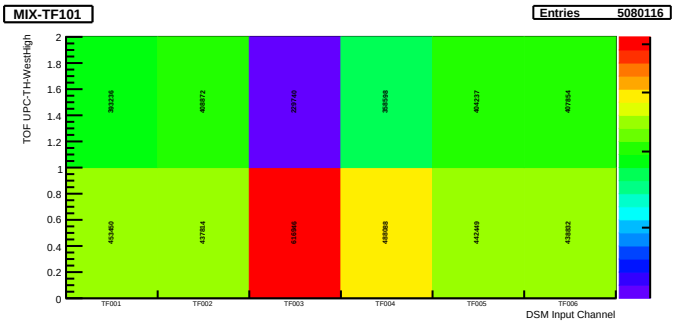

MIX-TF006
Entries 1.778041e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

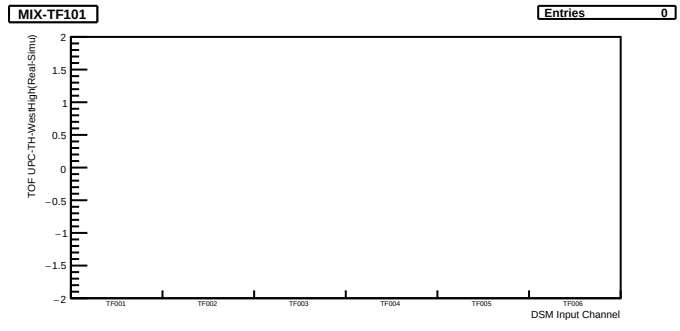

MIX-TF101
Entries 5080116
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

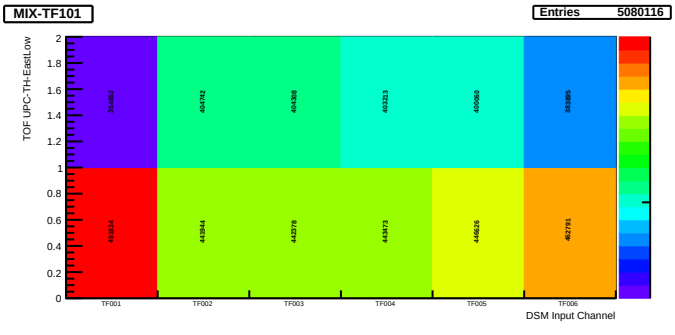

MIX-TF101
Entries 1383085
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

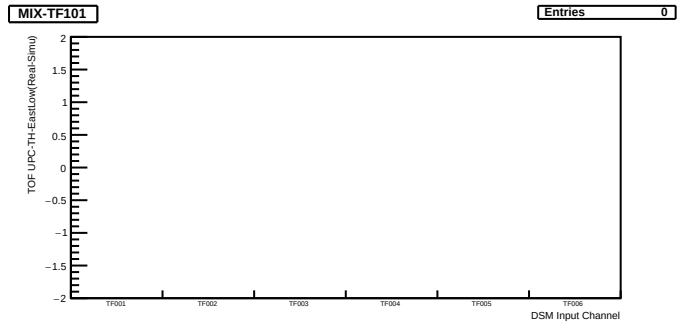

MIX-TF101
Entries 5080116
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

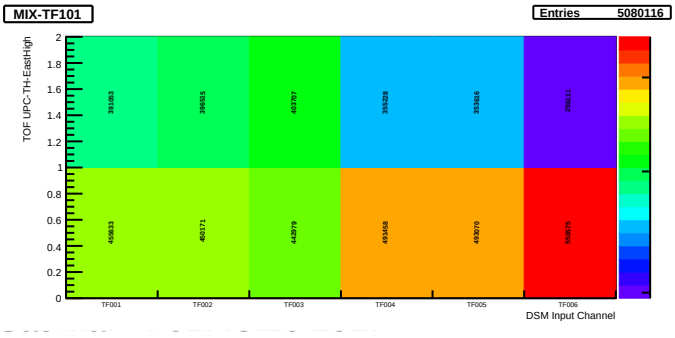

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

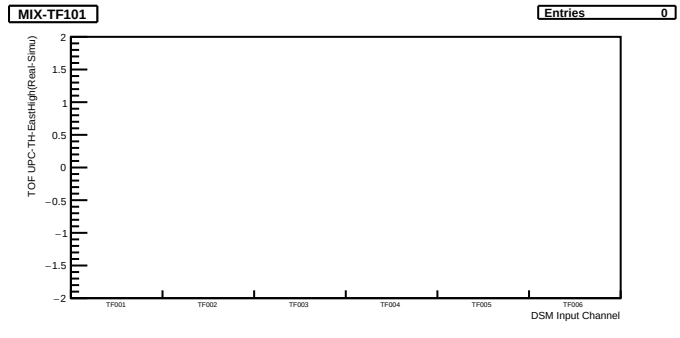

MIX-TF101
Entries 5080116
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

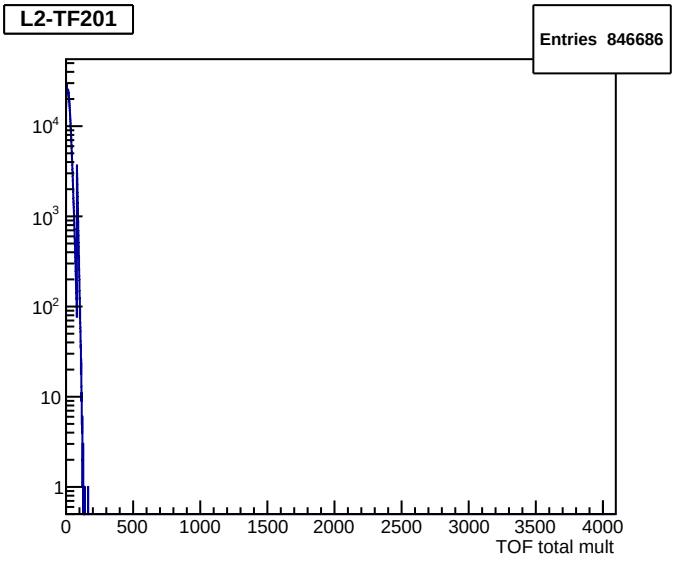

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

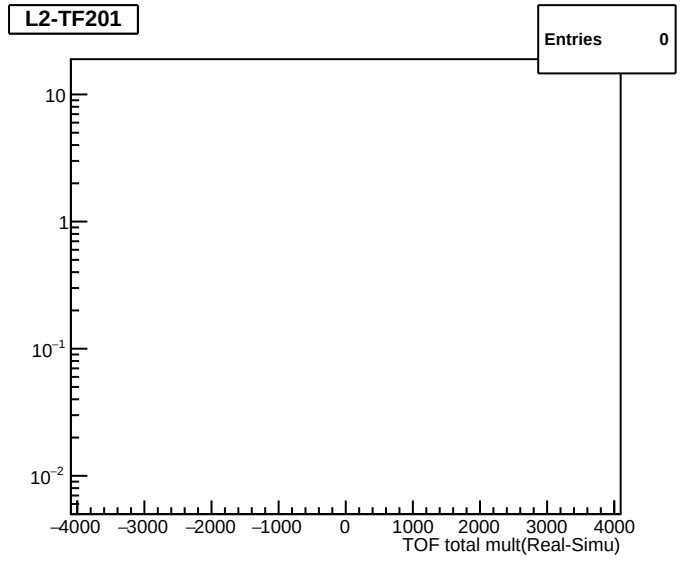

MIX-TF101
Entries 5080116
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

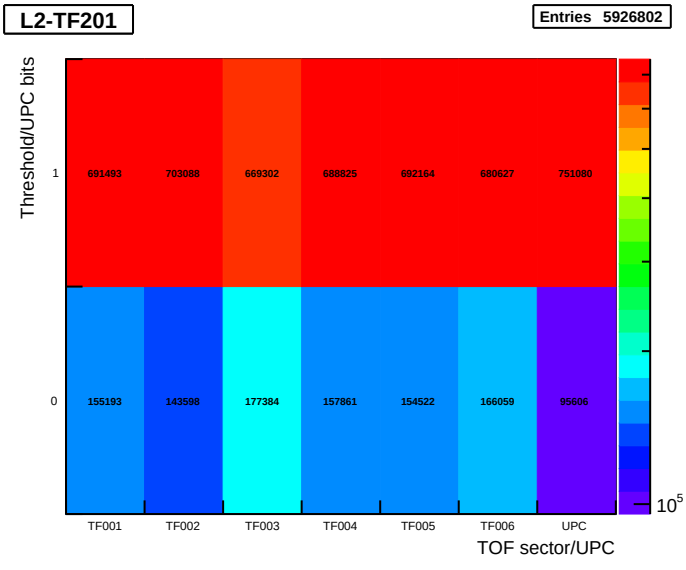

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

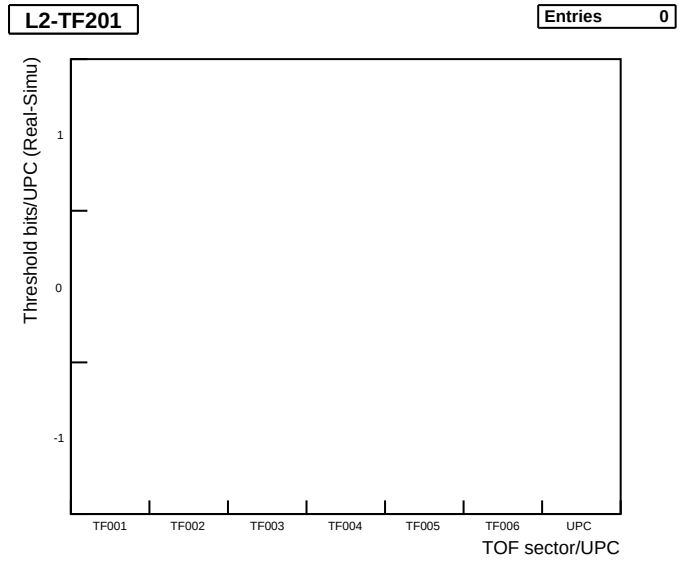

MIX-TF101
Entries 5080116
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

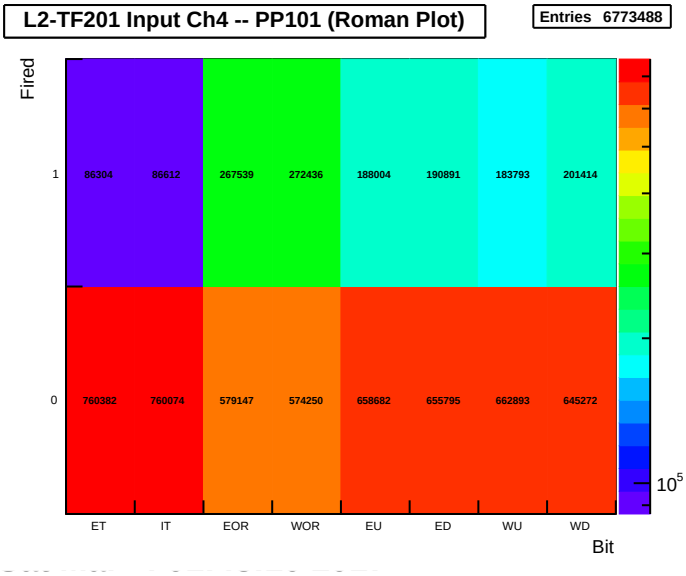

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

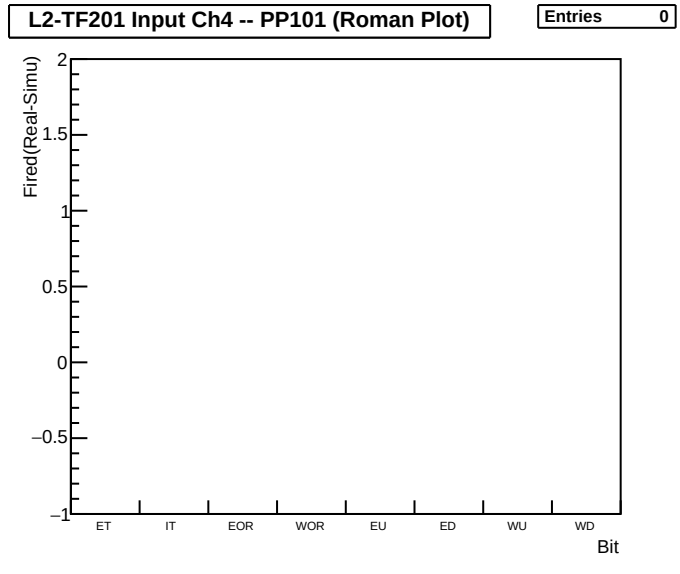

L2-TF201
Entries 846686
TOF total mult

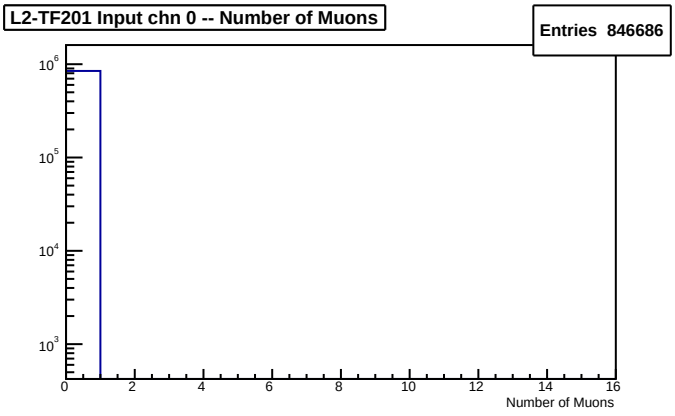

L2-TF201
Entries 0
TOF total mult(Real-Simu)

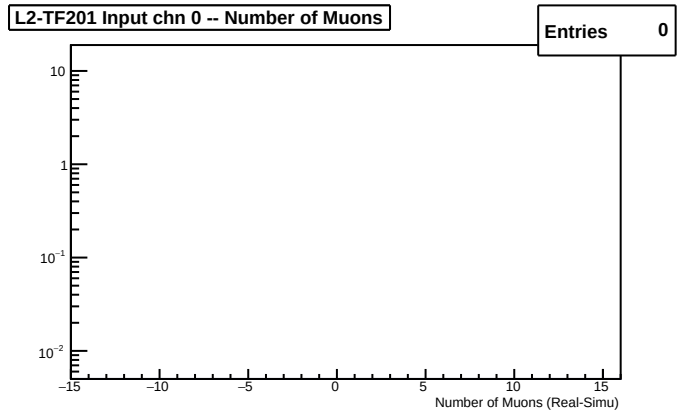

L2-TF201
Entries 5926802
Threshold/UPC bits
691493
703088
669302
688825
692164
680627
751080
155193
143598
177384
157861
154522
166059
95606
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

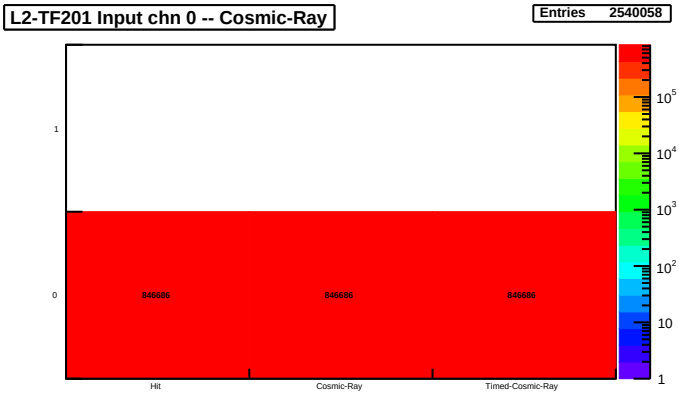

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

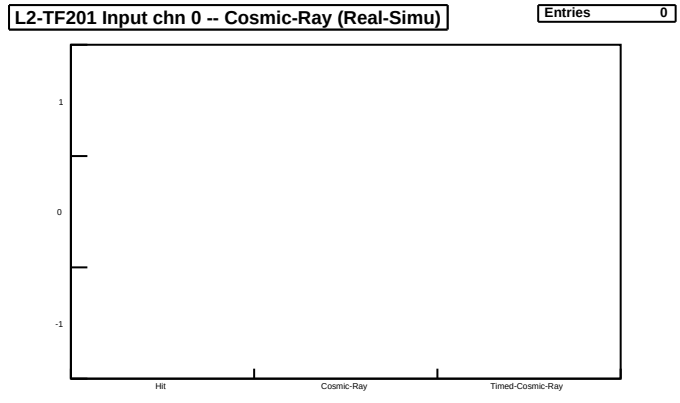

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 6773488
Fired
86304
86612
267539
272436
188004
190891
183793
201414
760382
760074
579147
574250
658682
655795
662893
645272
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

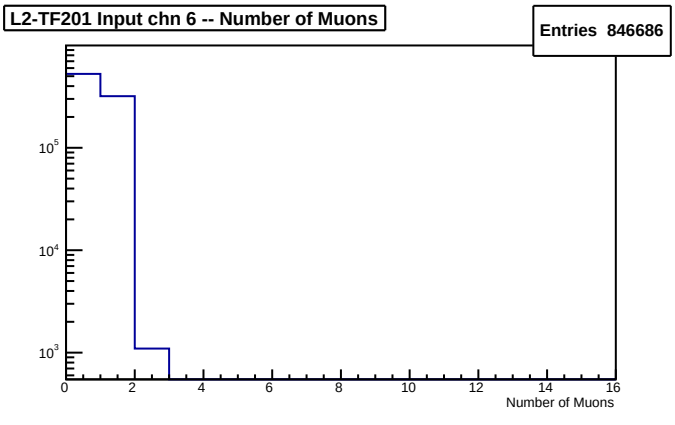

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

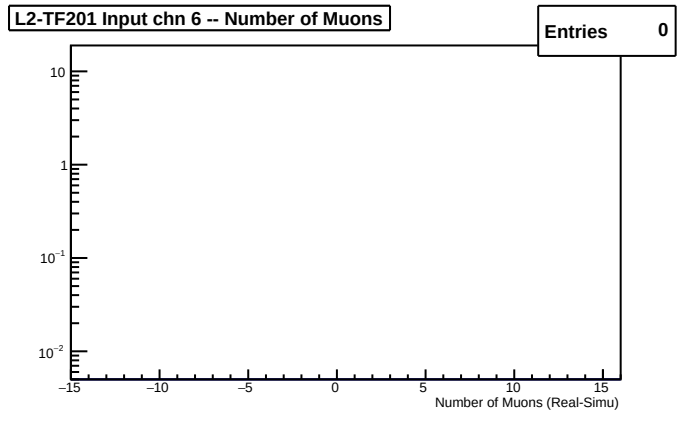

L2-TF201 Input chn 0 -- Number of Muons
Entries 846686
Number of Muons

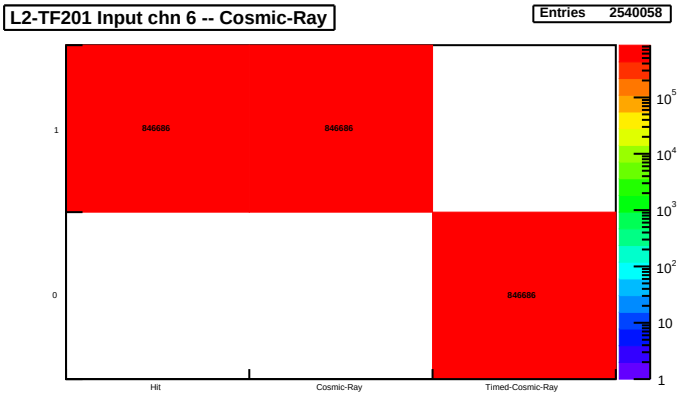

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

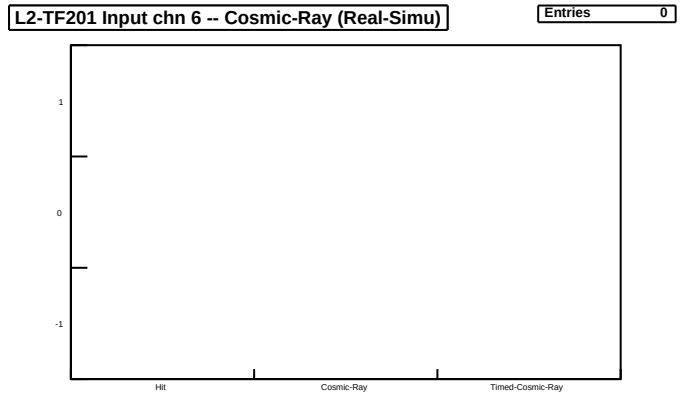

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2540058
846686
846686
846686
Hit
Cosmic-Ray
Timed-Cosmic-Ray

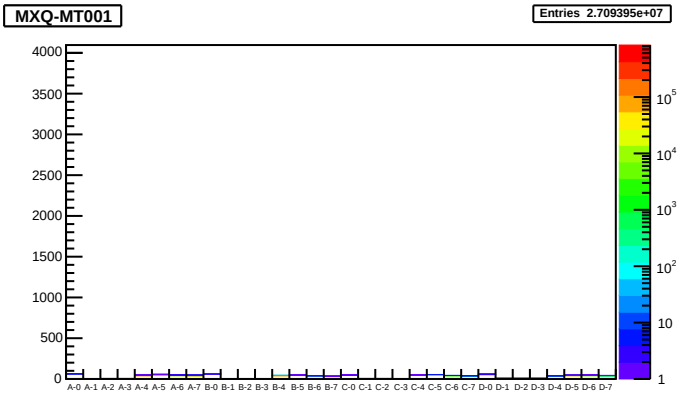

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

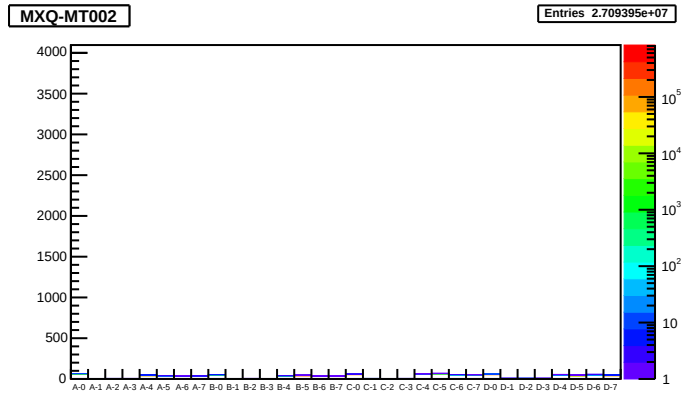

L2-TF201 Input chn 6 -- Number of Muons
Entries 846686
Number of Muons

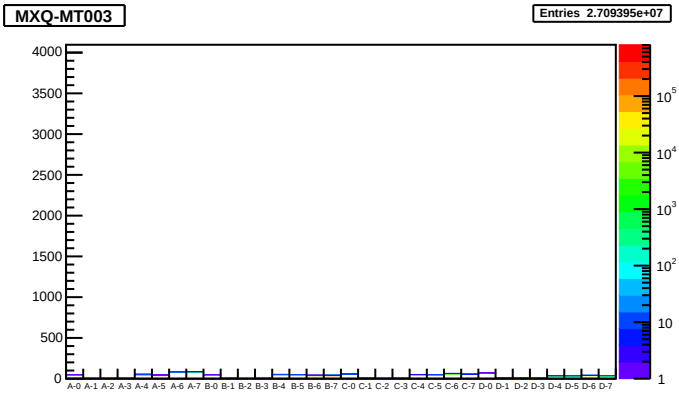

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

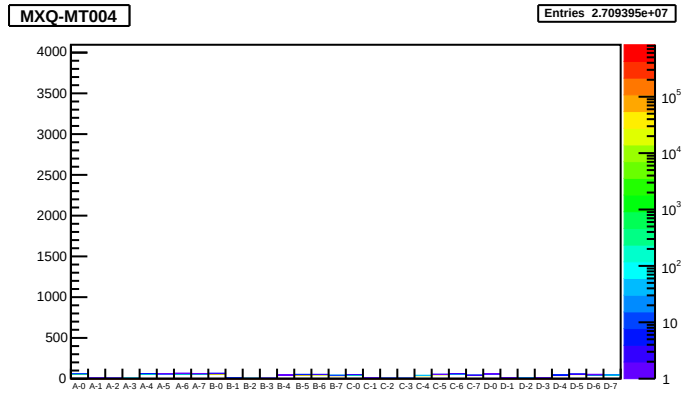

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2540058
846686
846686
846686
Hit
Cosmic-Ray
Timed-Cosmic-Ray

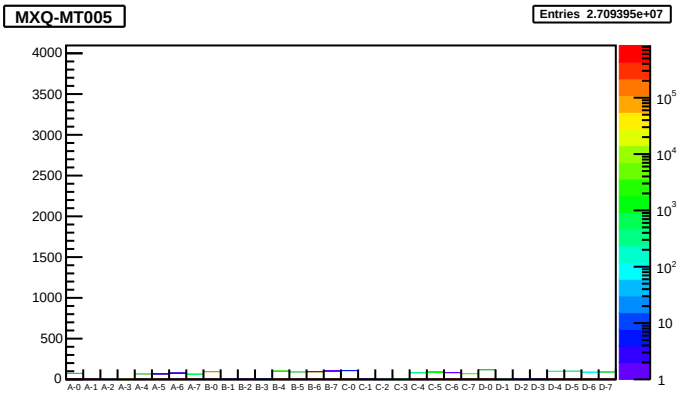

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

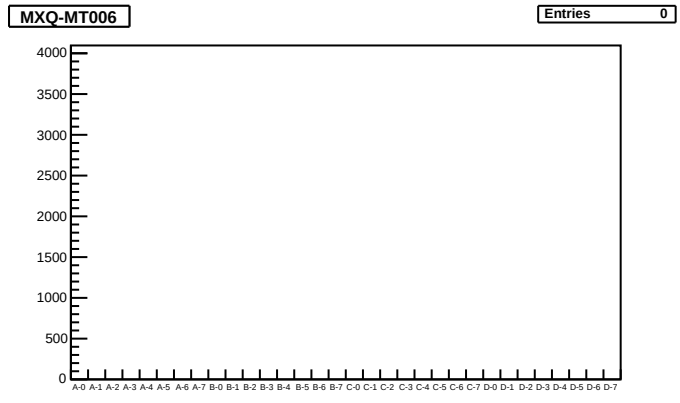

MXQ-MT001
Entries 2.709395e+07

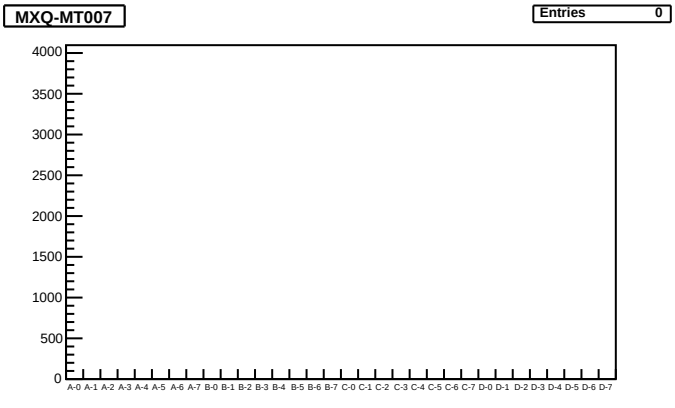

MXQ-MT002
Entries 2.709395e+07

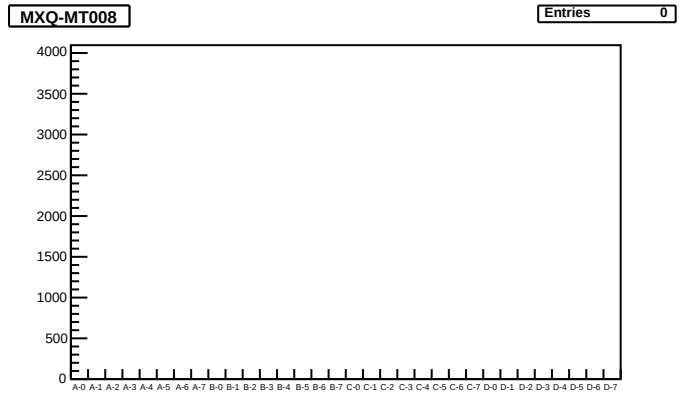

MXQ-MT003
Entries 2.709395e+07

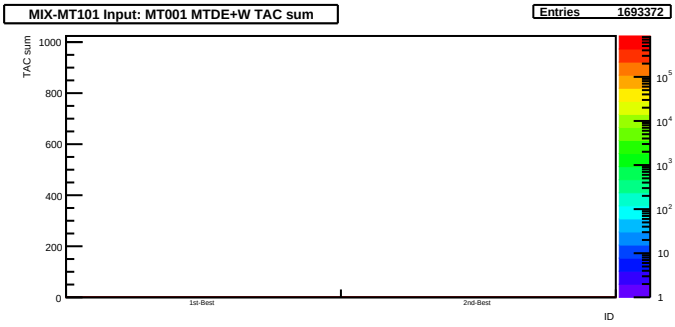

MXQ-MT004
Entries 2.709395e+07

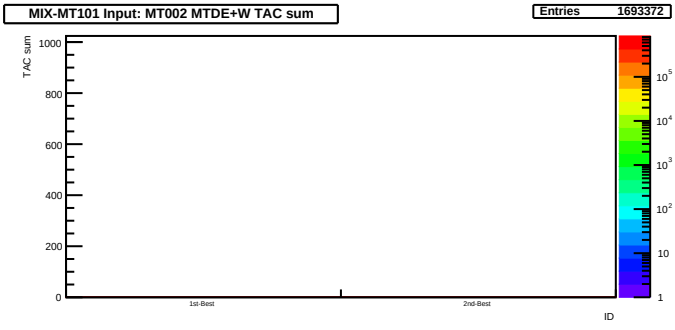

MXQ-MT005
Entries 2.709395e+07

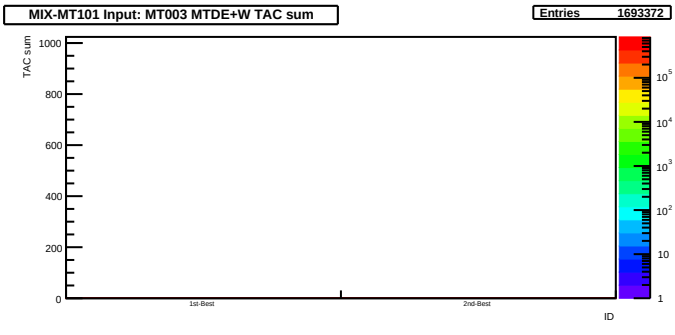

MXQ-MT006
Entries 0

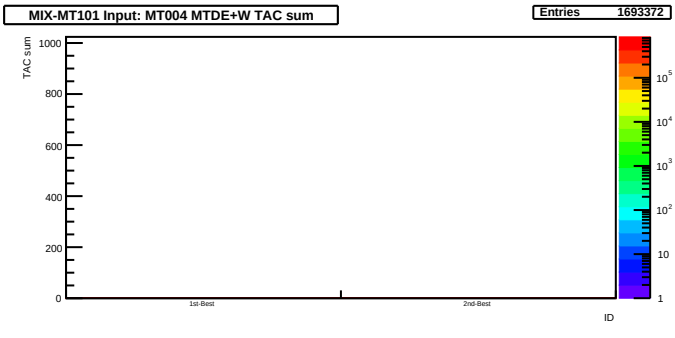

MXQ-MT007
Entries 0

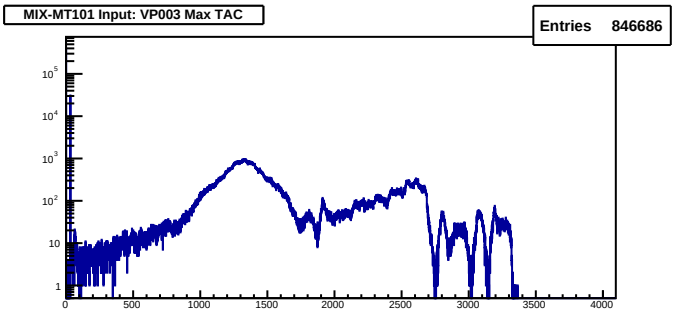

MXQ-MT008
Entries 0

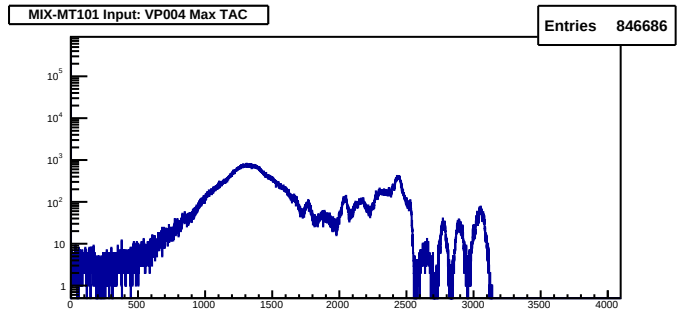

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1693372
TAC sum
1st-Best
2nd-Best
ID

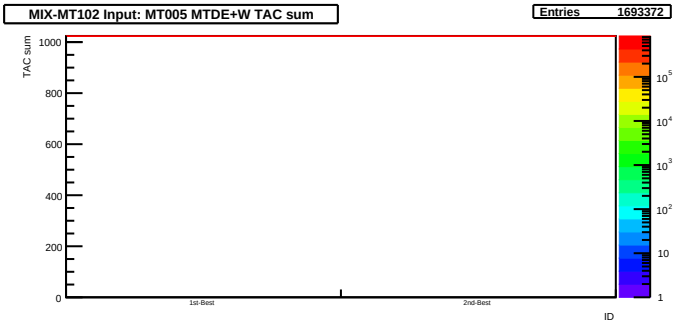

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1693372
TAC sum
1st-Best
2nd-Best
ID

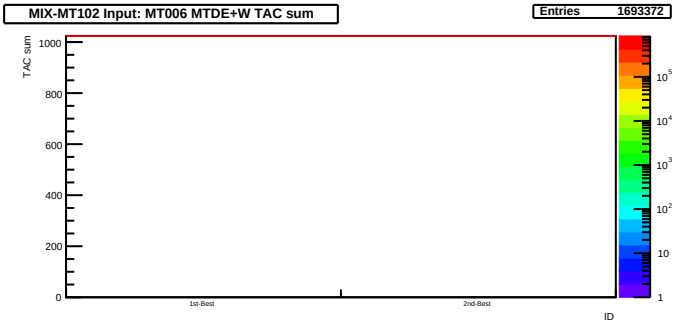

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1693372
TAC sum
1st-Best
2nd-Best
ID

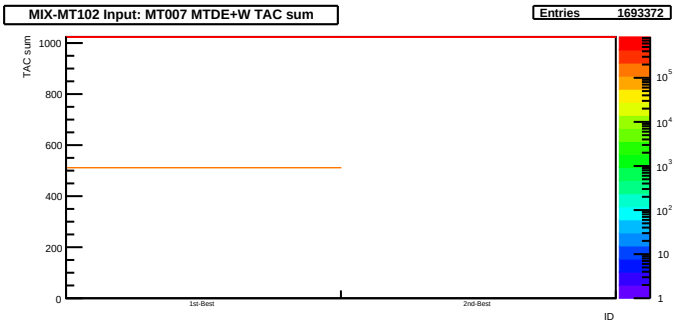

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1693372
TAC sum
1st-Best
2nd-Best
ID

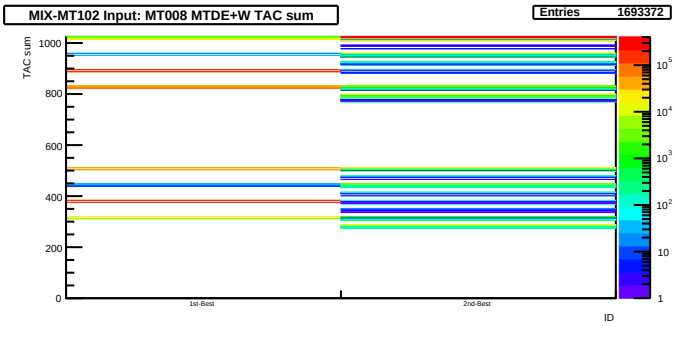

MIX-MT101 Input: VP003 Max TAC
Entries 846686

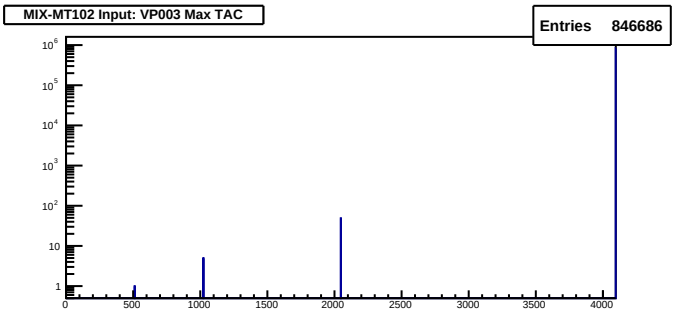

MIX-MT101 Input: VP004 Max TAC
Entries 846686

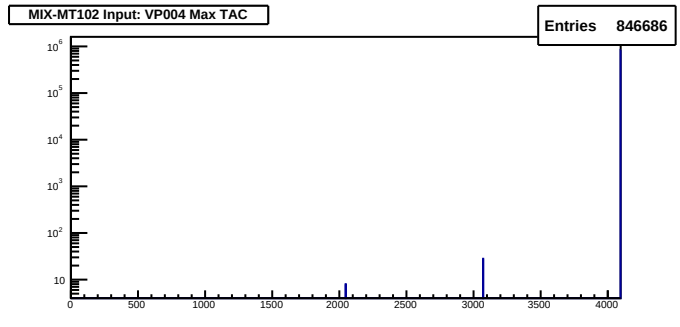

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1693372
TAC sum
1st-Best
2nd-Best
ID

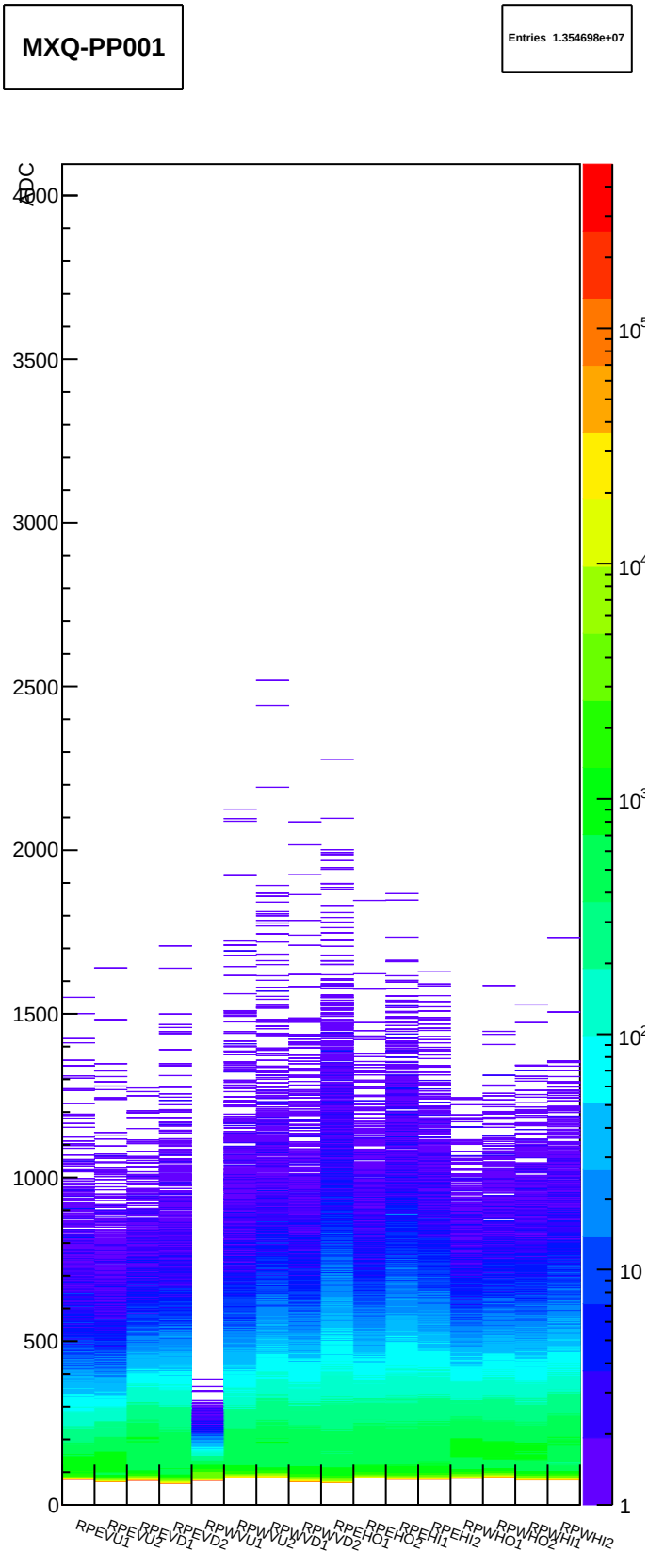

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1693372
TAC sum
1st-Best
2nd-Best
ID

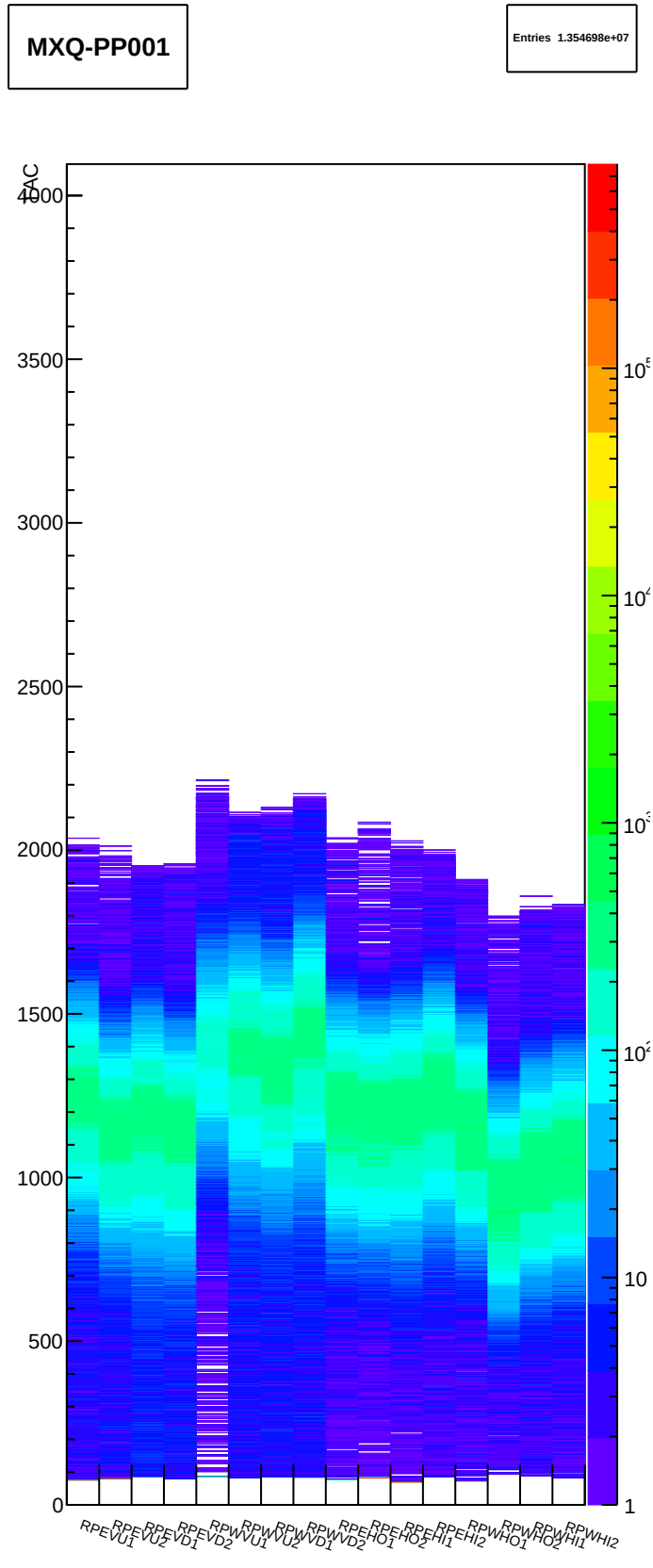

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1693372
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1693372
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 846686


MIX-MT102 Input: VP004 Max TAC
Entries 846686


MXQ-PP001
Entries 1.354698e+07
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
1
10


MXQ-PP001
Entries 1.354698e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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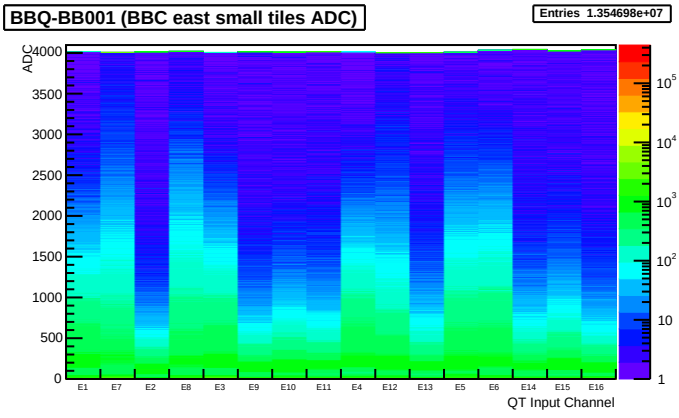
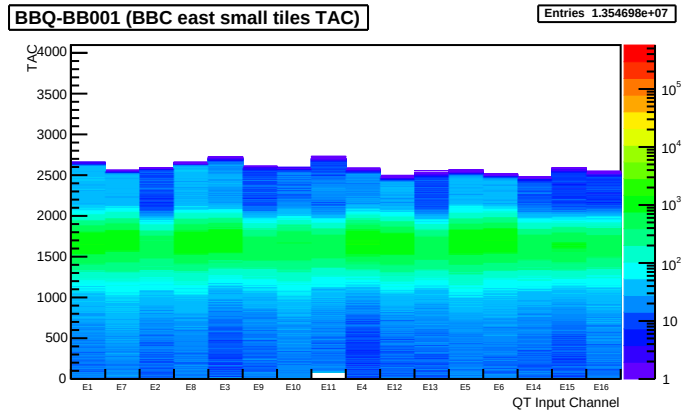
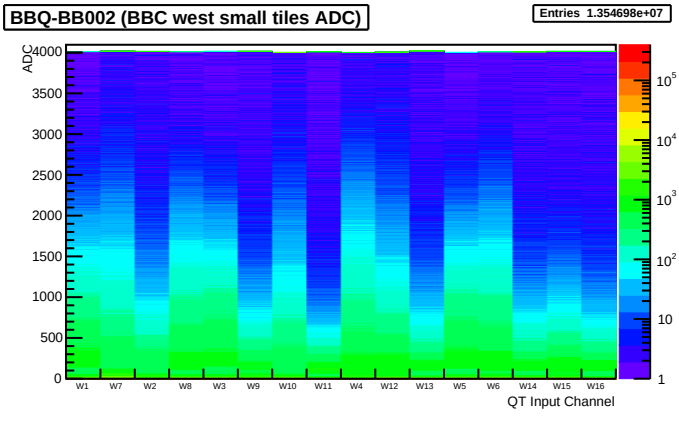
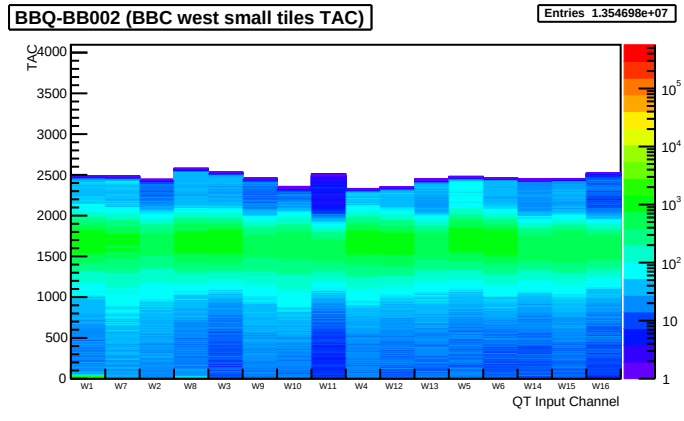
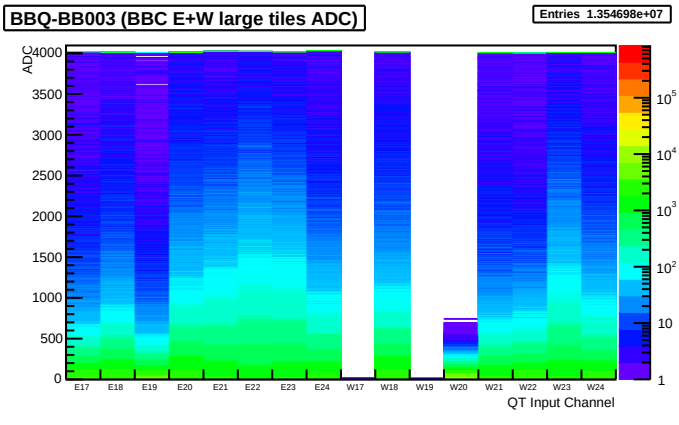
RPWHO2
RPWHI1
RPWHI2
1
10

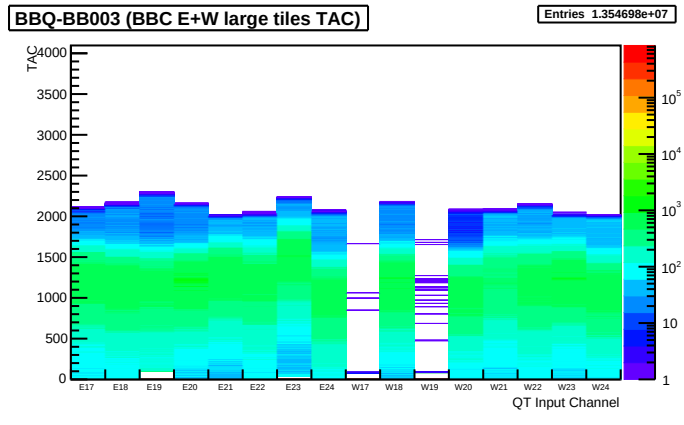

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.354698e+07
ADC
QT Input Channel

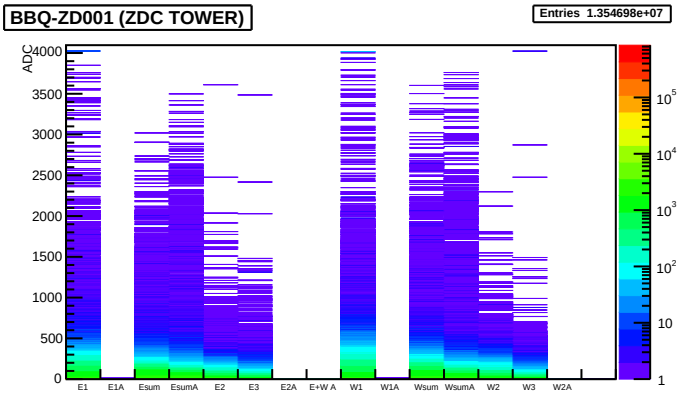

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.354698e+07
TAC
QT Input Channel

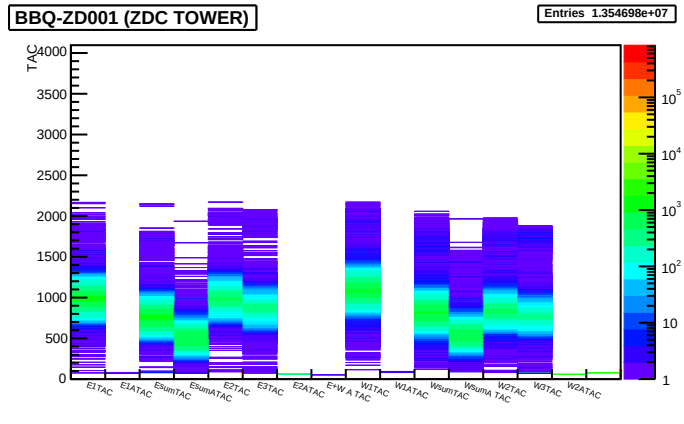

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.354698e+07
ADC
QT Input Channel

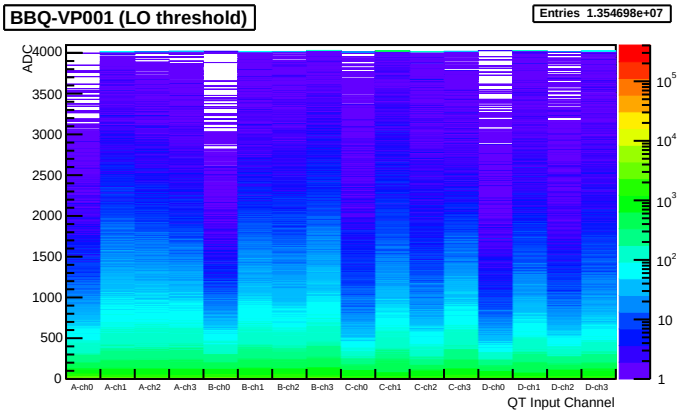

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.354698e+07
TAC
QT Input Channel

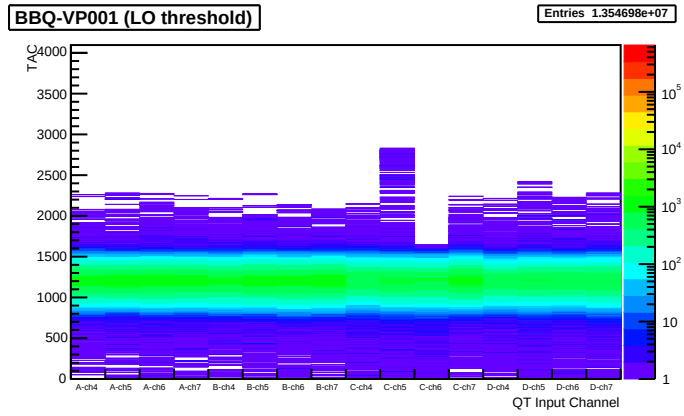

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.354698e+07
ADC
QT Input Channel

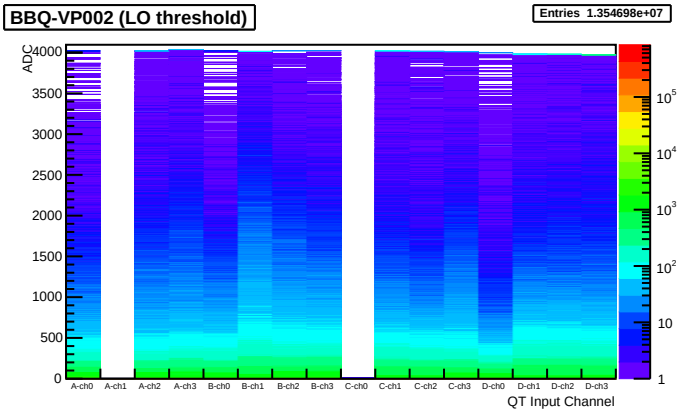

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.354698e+07
TAC
QT Input Channel

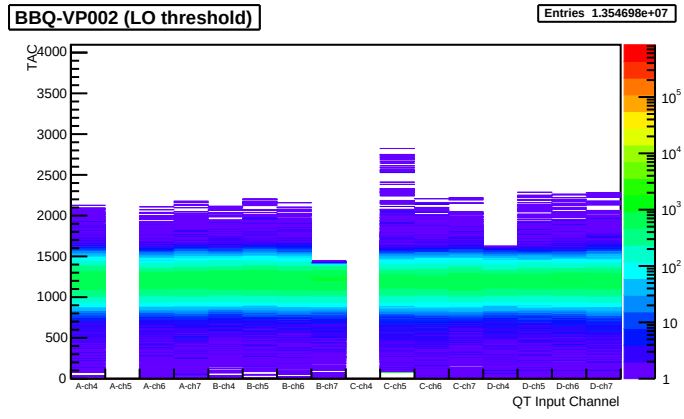

BBQ-ZD001 (ZDC TOWER)
Entries 1.354698e+07
ADC

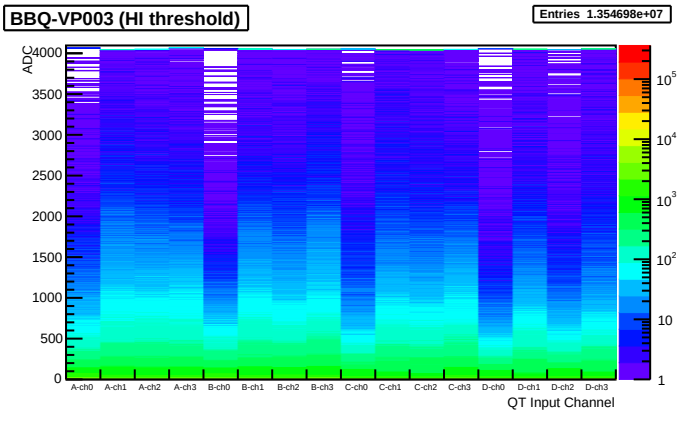

BBQ-ZD001 (ZDC TOWER)
Entries 1.354698e+07
TAC

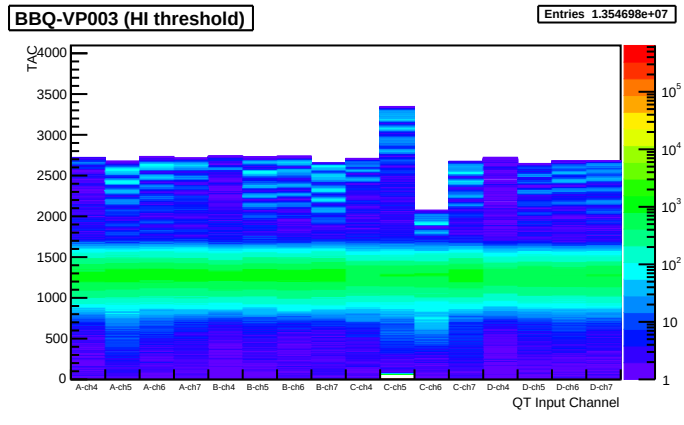

BBQ-VP001 (LO threshold)
Entries 1.354698e+07
ADC
QT Input Channel

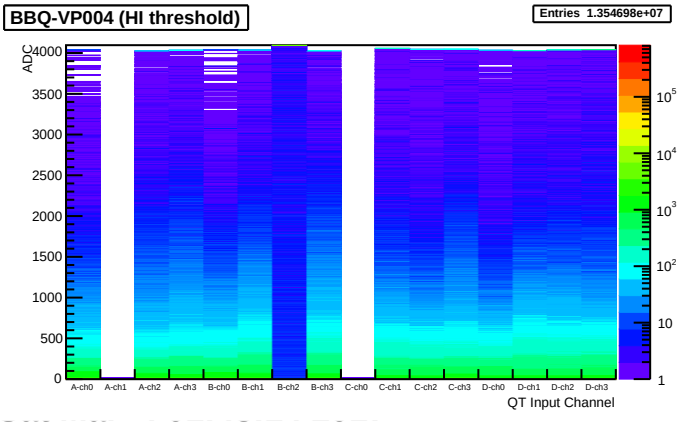

BBQ-VP001 (LO threshold)
Entries 1.354698e+07
TAC
QT Input Channel

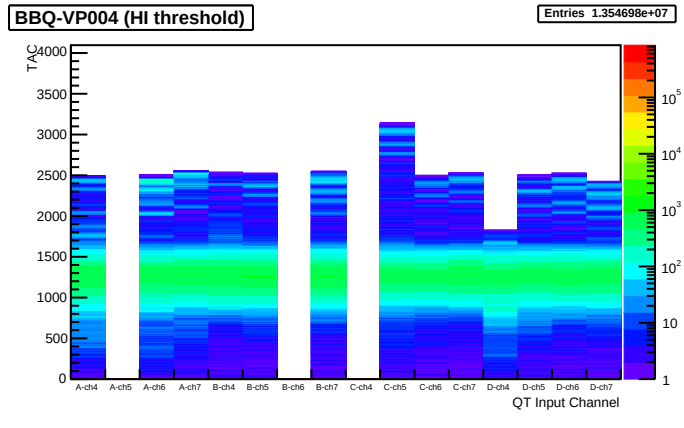

BBQ-VP002 (LO threshold)
Entries 1.354698e+07
ADC
QT Input Channel

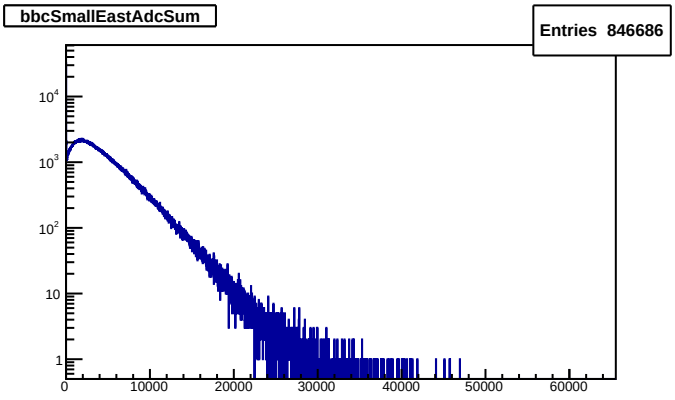

BBQ-VP002 (LO threshold)
Entries 1.354698e+07
TAC
QT Input Channel

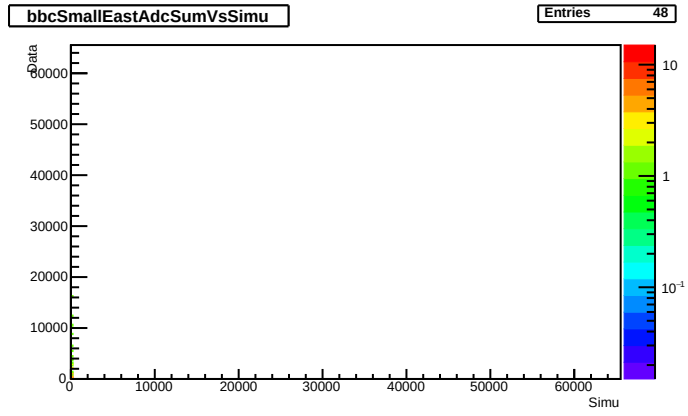

BBQ-VP003 (HI threshold)
Entries 1.354698e+07
ADC
QT Input Channel

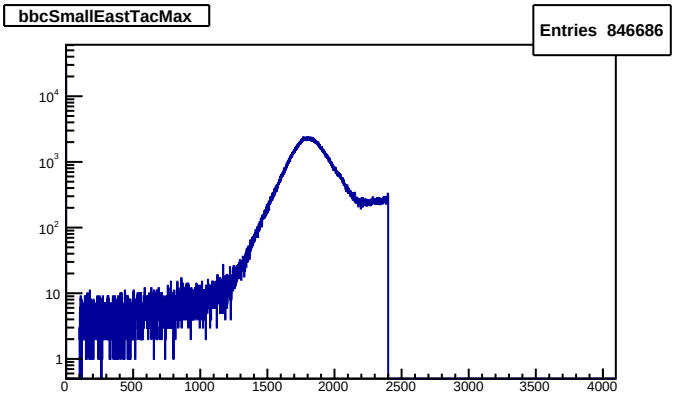

BBQ-VP003 (HI threshold)
Entries 1.354698e+07
TAC
QT Input Channel

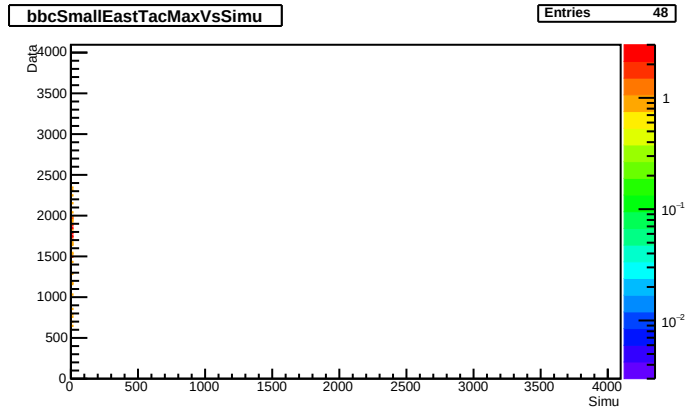

BBQ-VP004 (HI threshold)
Entries 1.354698e+07
ADC
QT Input Channel

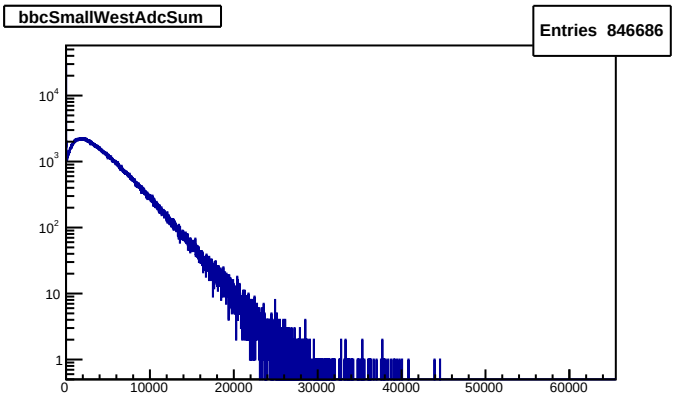

BBQ-VP004 (HI threshold)
Entries 1.354698e+07
TAC
QT Input Channel

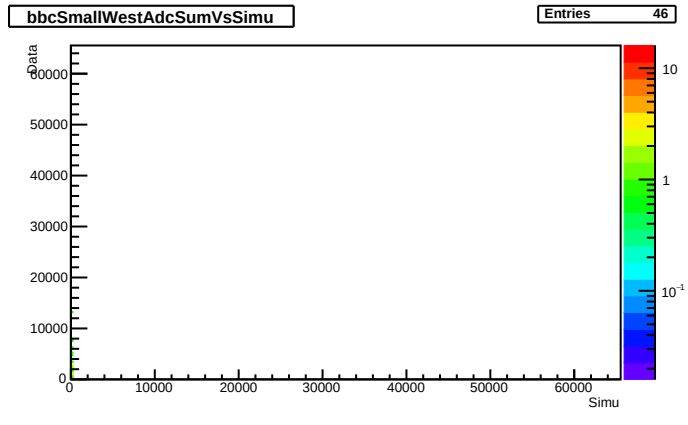

bbcSmallEastAdcSum
Entries 846686

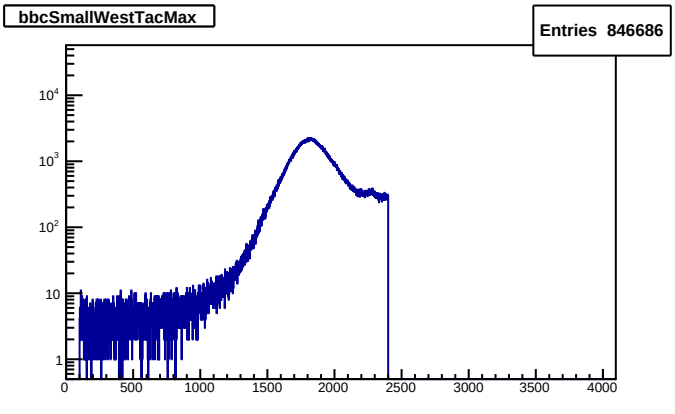

bbcSmallEastAdcSumVsSimu
Entries 48
Data
Simu

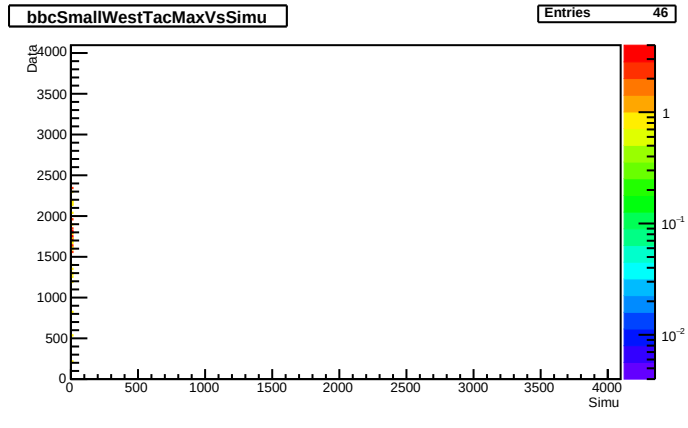

bbcSmallEastTacMax
Entries 846686

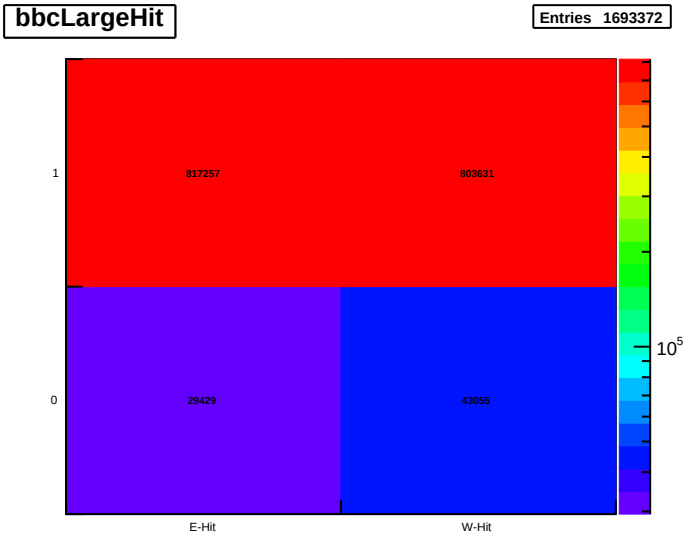

bbcSmallEastTacMaxVsSimu
Entries 48
Data
Simu

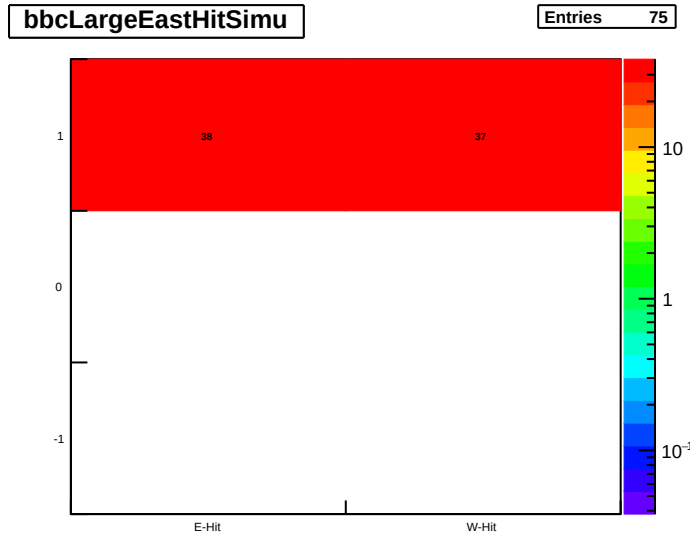

bbcSmallWestAdcSum
Entries 846686

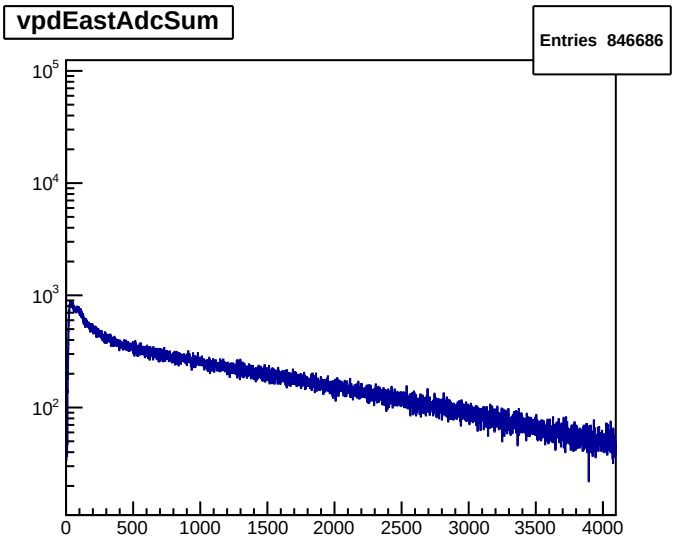

bbcSmallWestAdcSumVsSimu
Entries 46
Data
Simu

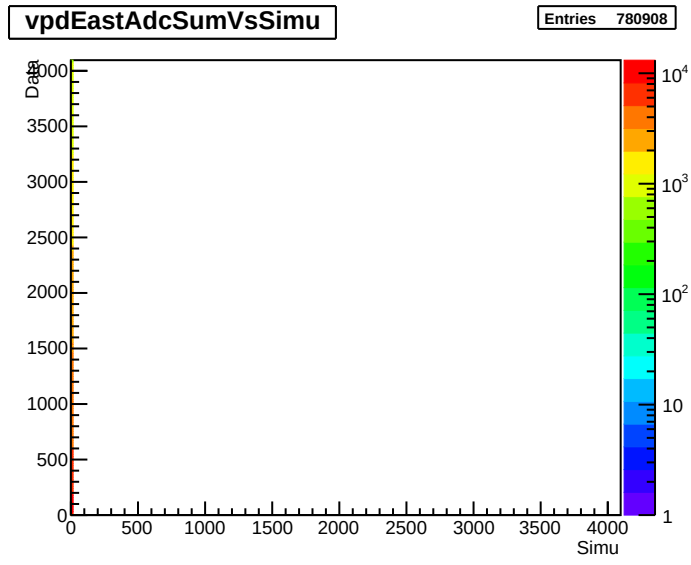

bbcSmallWestTacMax
Entries 846686

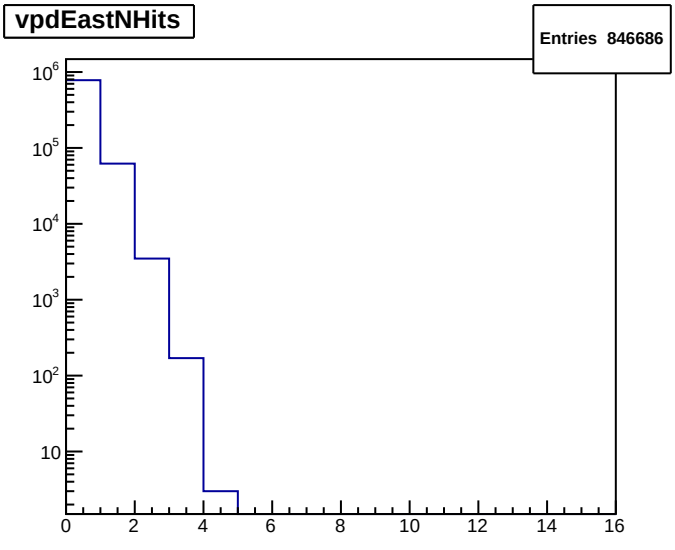

bbcSmallWestTacMaxVsSimu
Entries 46
Data
Simu

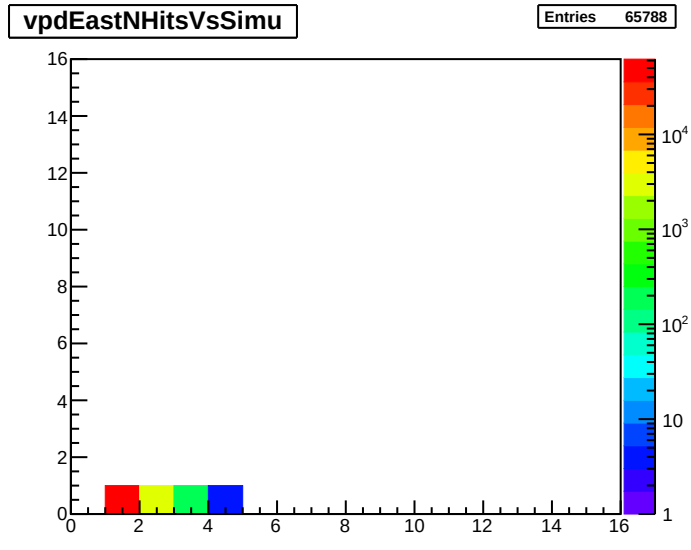

bbcLargeHit
Entries 1693372
817257
803631
29429
43055
1
0
E-Hit
W-Hit
10^5

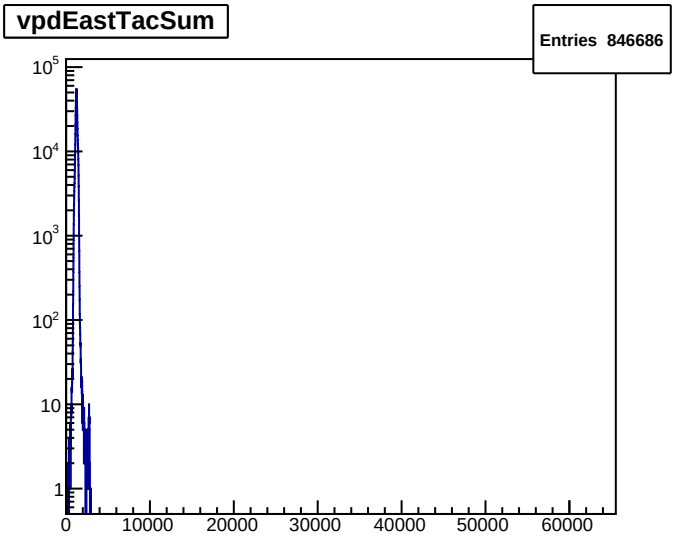

bbcLargeEastHitSimu
Entries 75
38
37
1
0
-1
E-Hit
W-Hit
10
1
10^{-1}

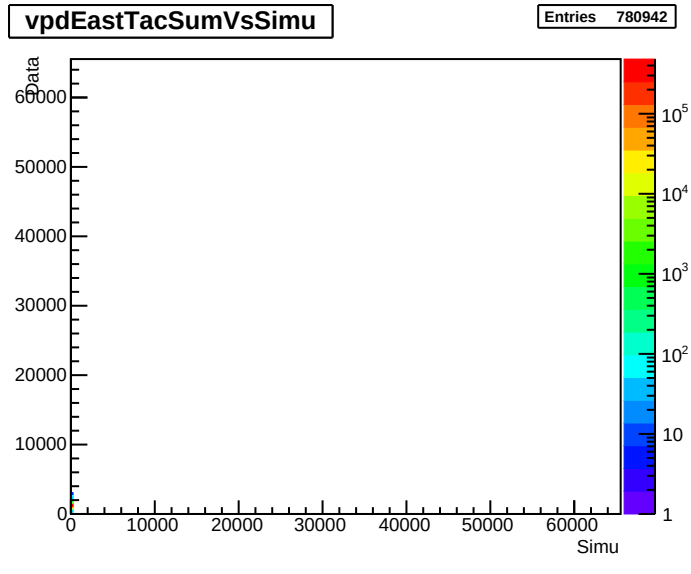

vpdEastAdcSum
Entries 846686

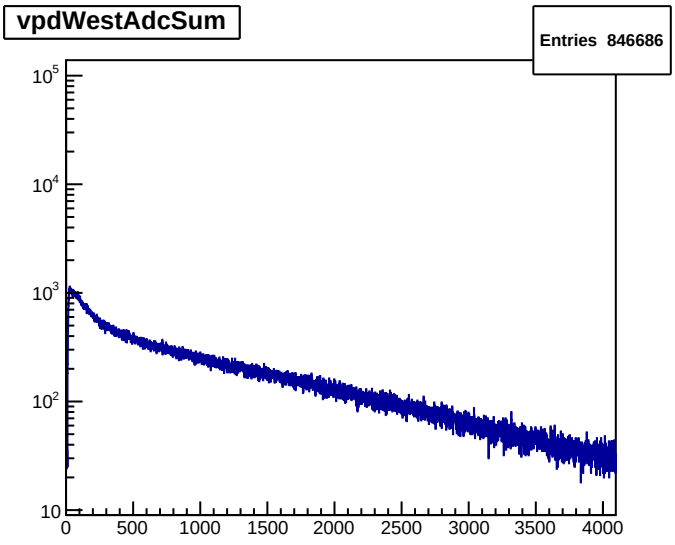

vpdEastAdcSumVsSimu
Entries 780908
Data
Simu

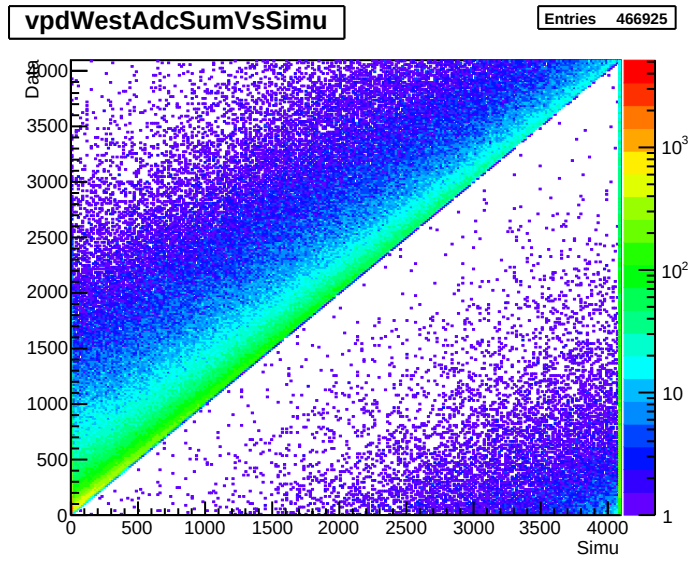

vpdEastNHits
Entries 846686

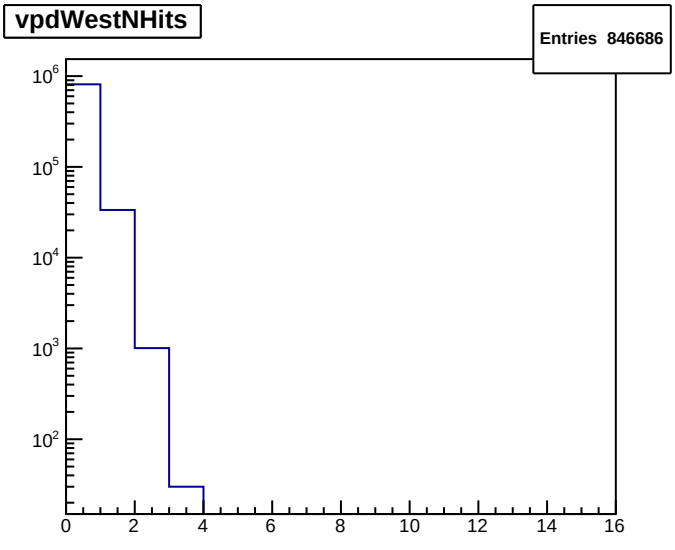

vpdEastNHitsVsSimu
Entries 65788

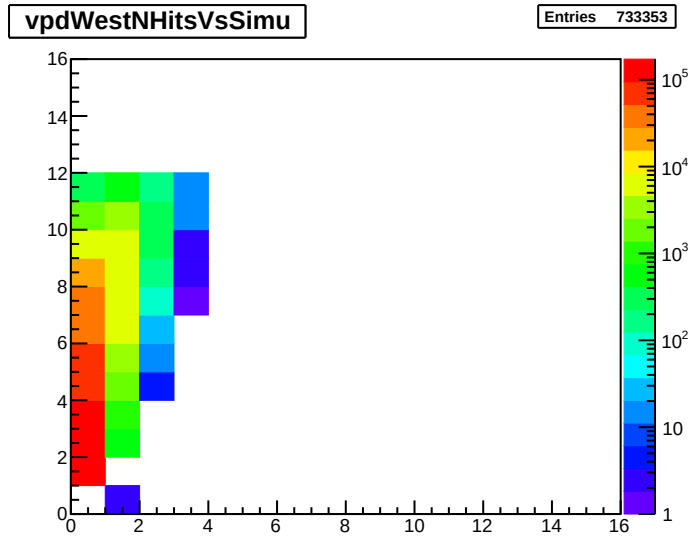

vpdEastTacSum
Entries 846686

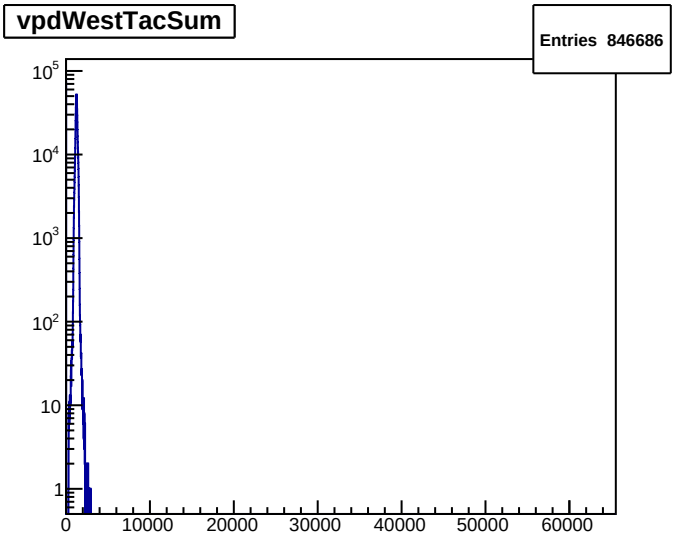

vpdEastTacSumVsSimu
Entries 780942
Data
Simu

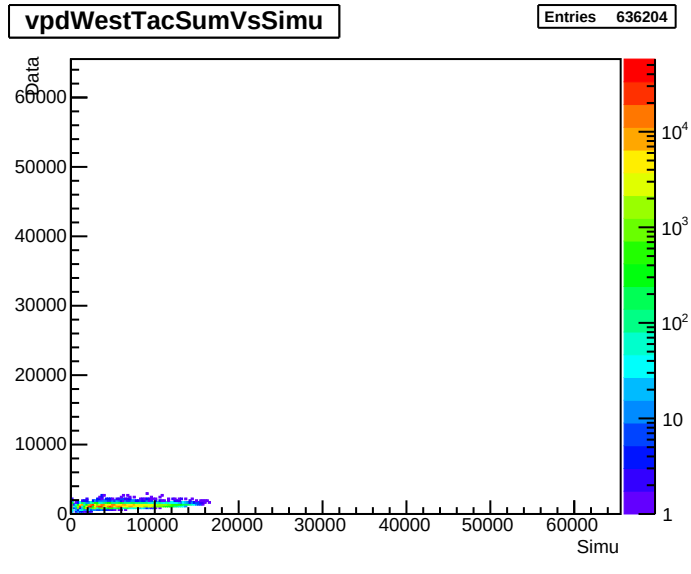

vpdWestAdcSum
Entries 846686

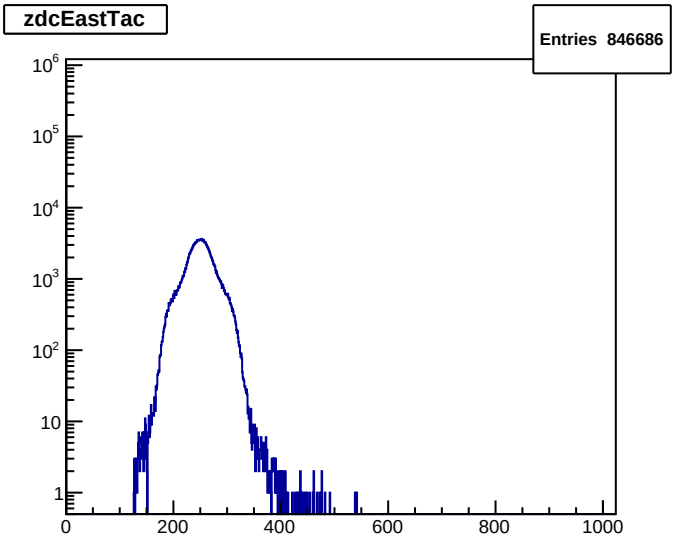

vpdWestAdcSumVsSimu
Entries 466925
Data
Simu

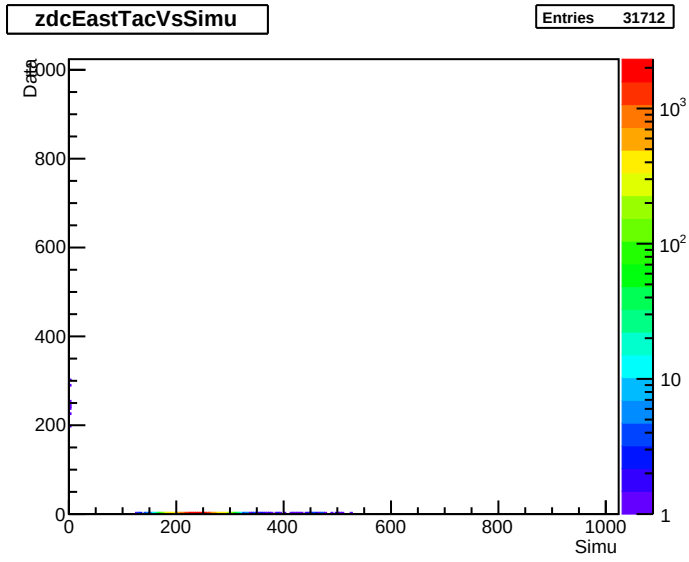

vpdWestNHits
Entries 846686

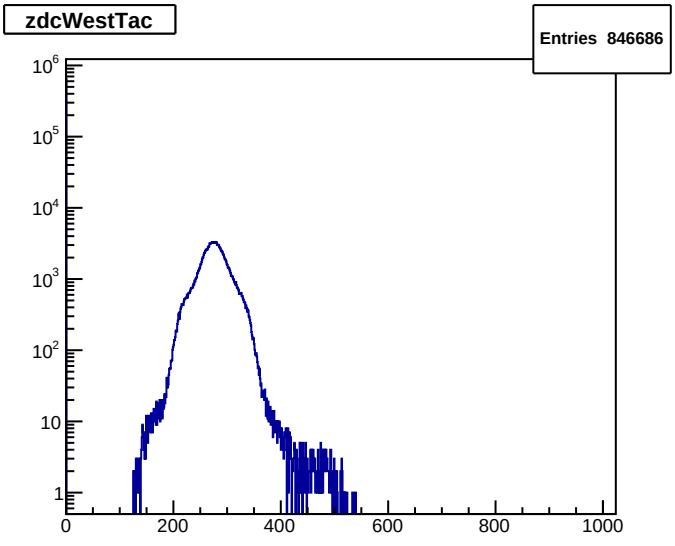

vpdWestNHitsVsSimu
Entries 733353

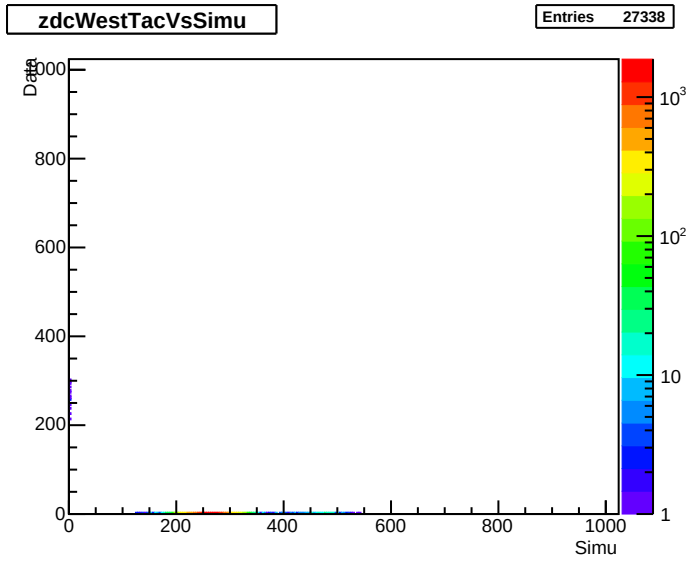

vpdWestTacSum
Entries 846686

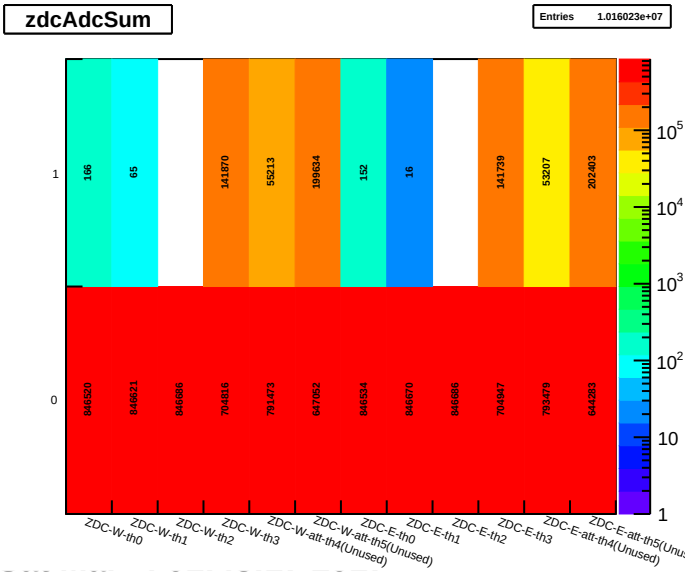

vpdWestTacSumVsSimu
Entries 636204
Data
Simu

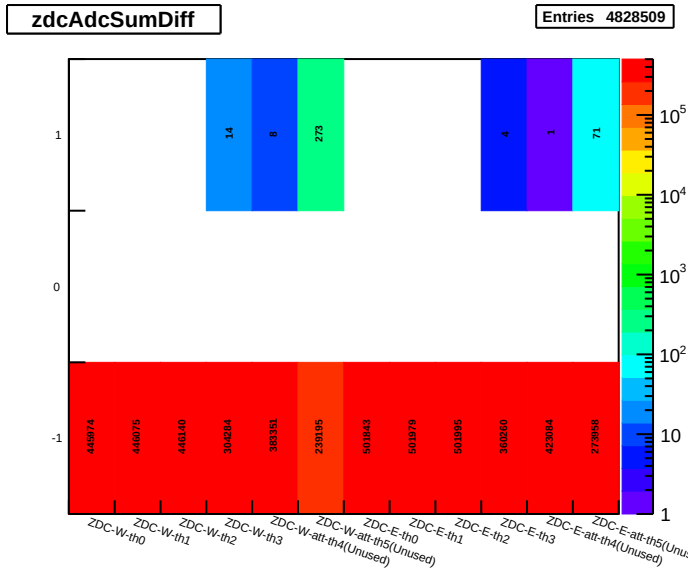

zdcEastTac
Entries 846686

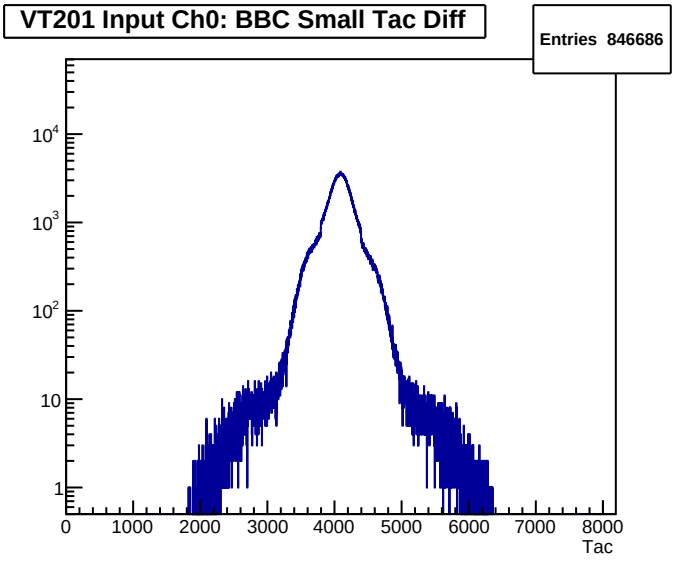

zdcEastTacVsSimu
Entries 31712
Data
Simu

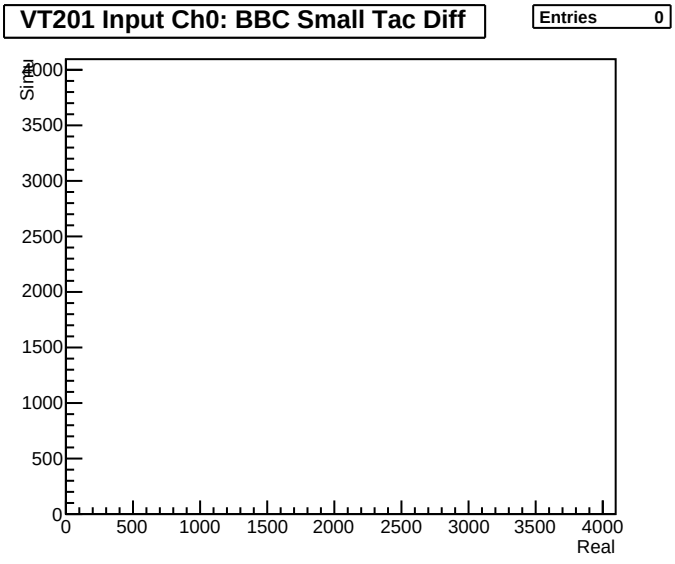

zdcWestTac
Entries 846686

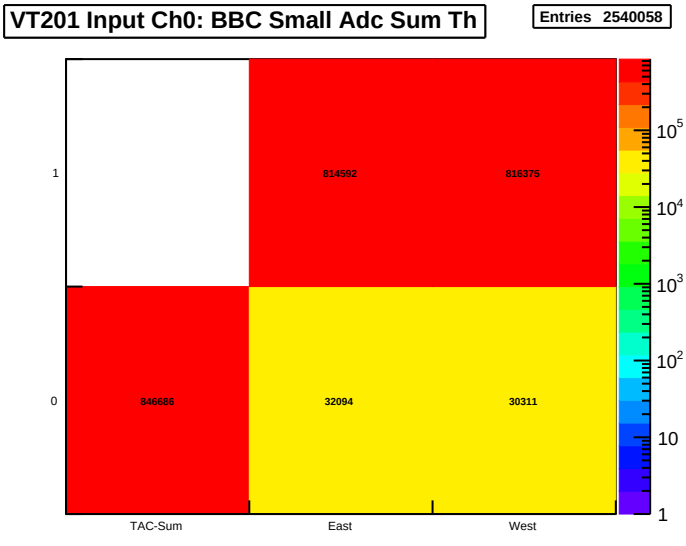

zdcWestTacVsSimu
Entries 27338
Data
Simu

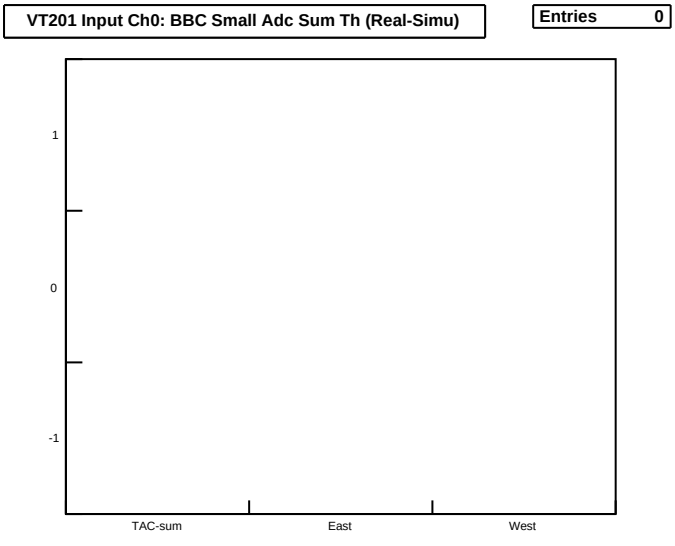

zdcAdcSum
Entries 1.016023e+07
166
65
141870
55213
199634
152
16
141739
53207
202403
846520
846621
846686
704816
791473
647052
846534
846670
846686
704947
793479
644283
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

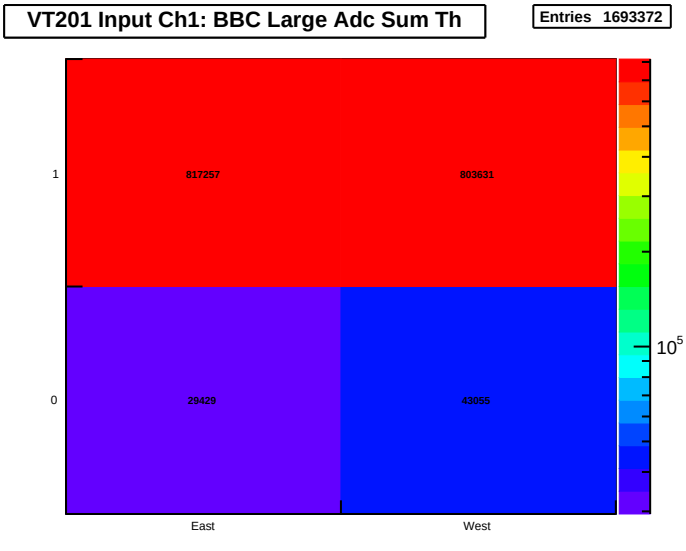

zdcAdcSumDiff
Entries 4828509
14
8
273
4
1
71
449974
440075
446140
304284
383351
239185
501943
501979
501995
360260
423084
273958
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

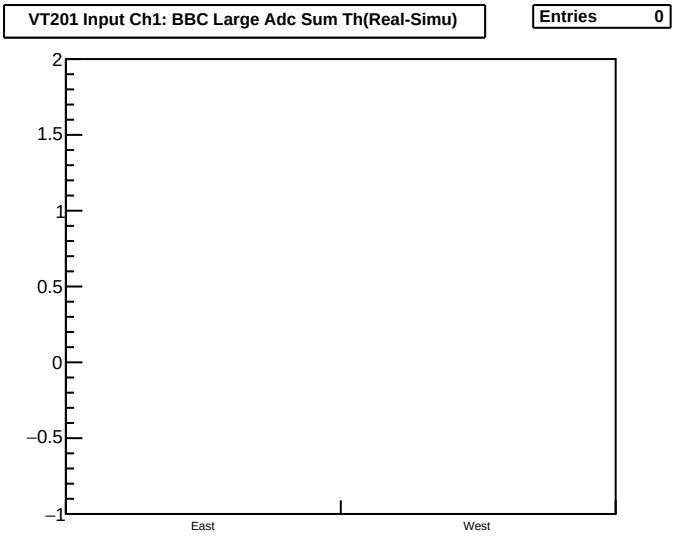

VT201 Input Ch0: BBC Small Tac Diff
Entries 846686
Tac


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

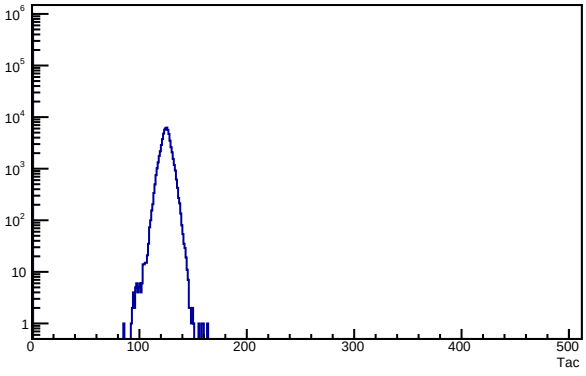

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2540058
814592
816375
846686
32094
30311
TAC-Sum
East
West


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

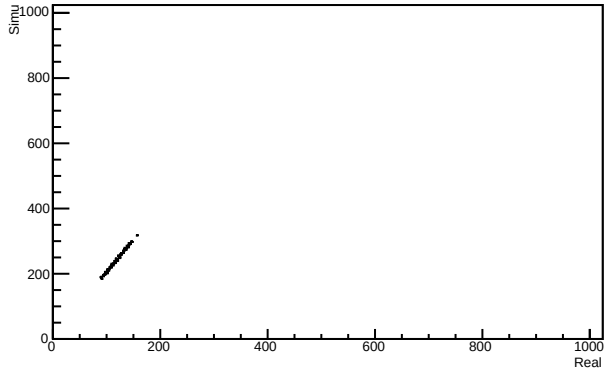

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1693372
817257
803631
29429
43055
East
West


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

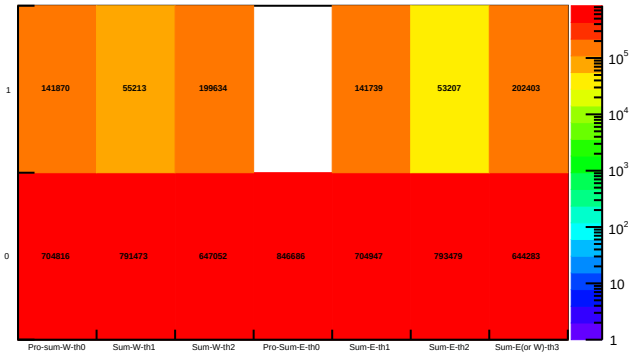
VT201 Input Ch2: ZDC Tac Diff



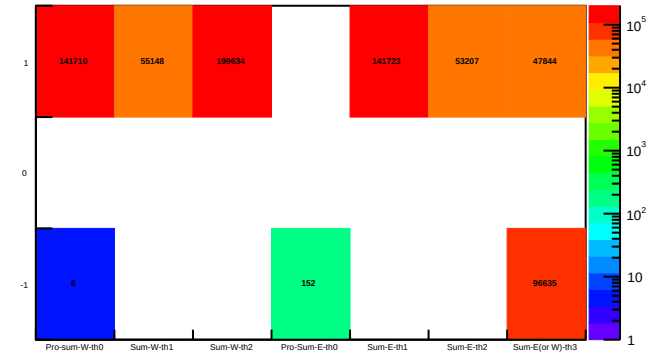
VT201 Input Ch2: ZDC Tac Diff



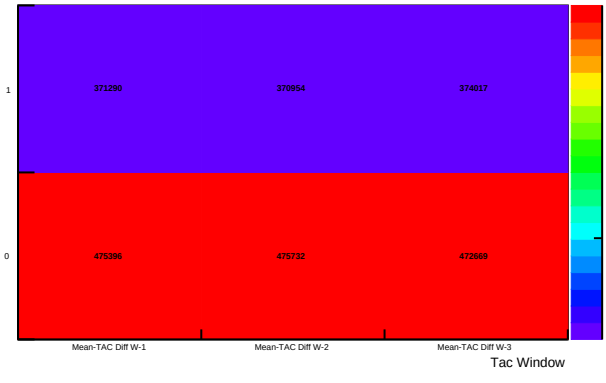
VT201 Input Ch2: ZDC Adc Sum Th



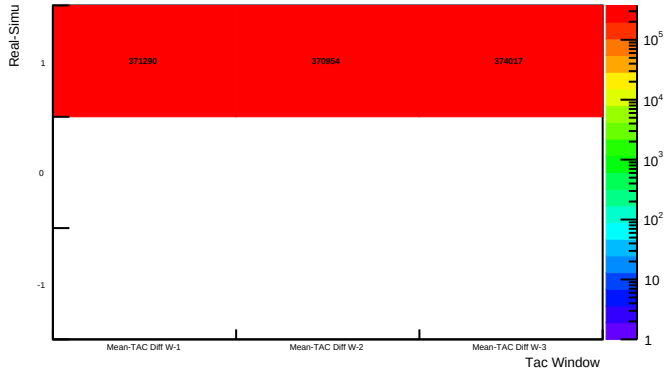
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



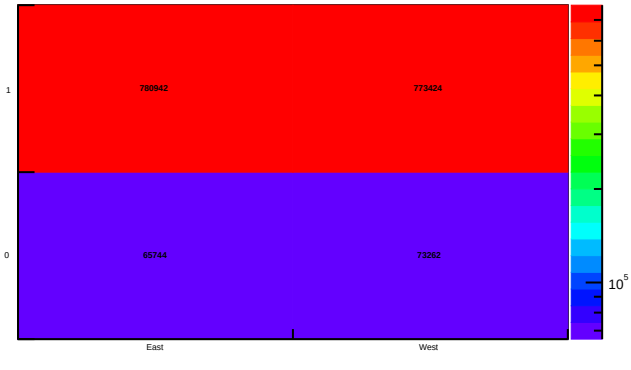
VT201 Input Ch4: VPD Tac Diff



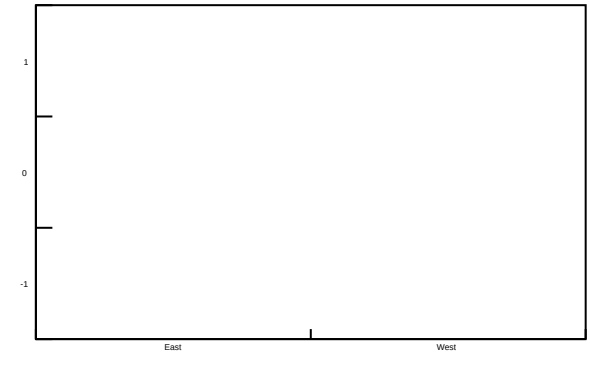
VT201 Input Ch4: VPD Tac Diff

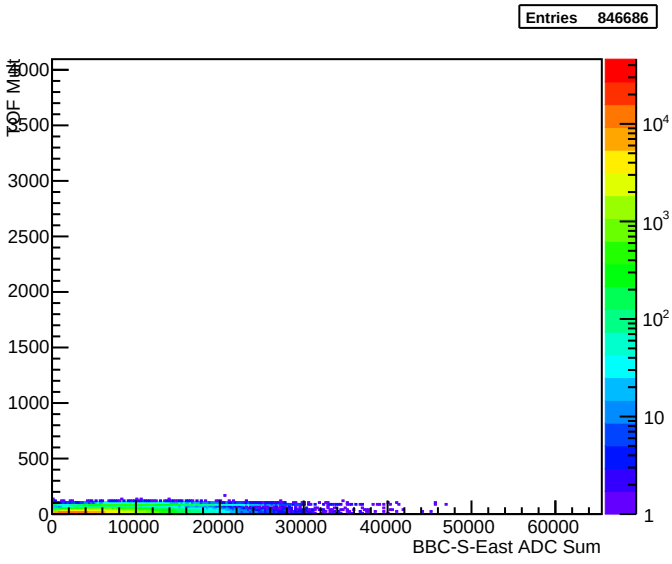


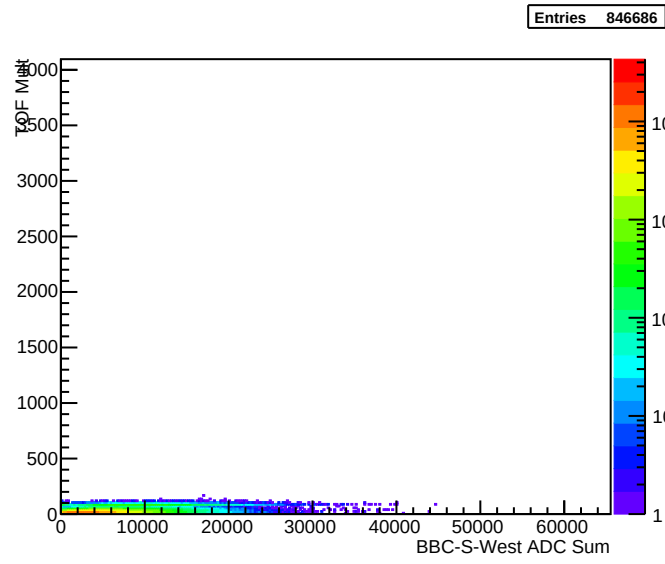
VT201 Input Ch4: VPD Adc Sum Th

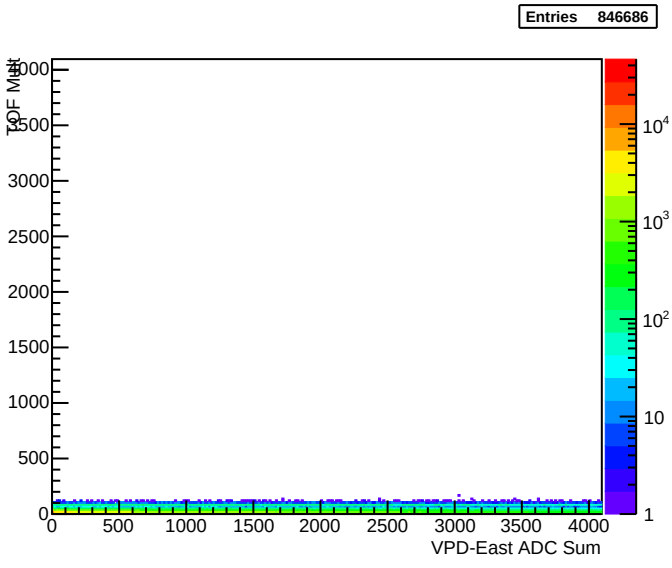


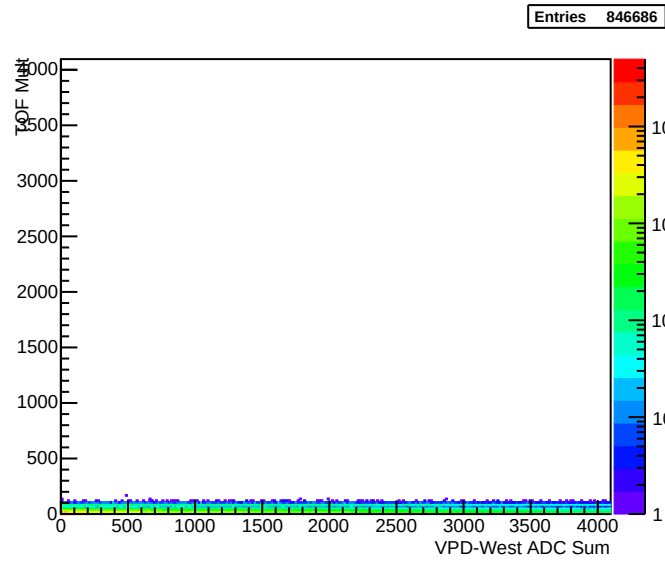
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

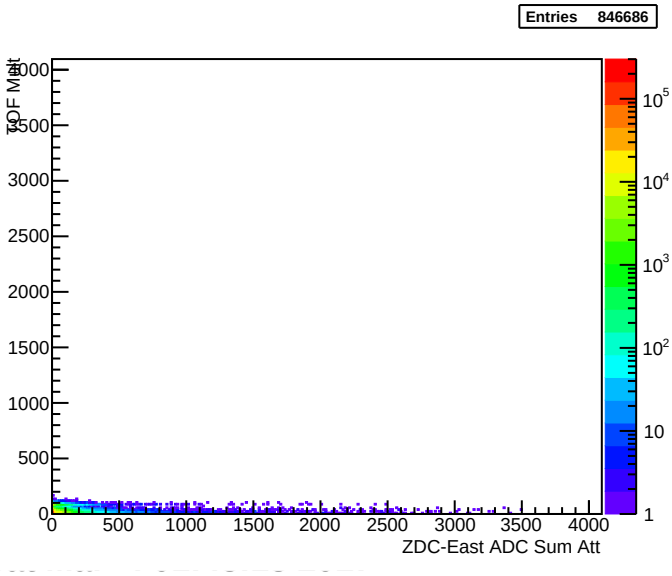


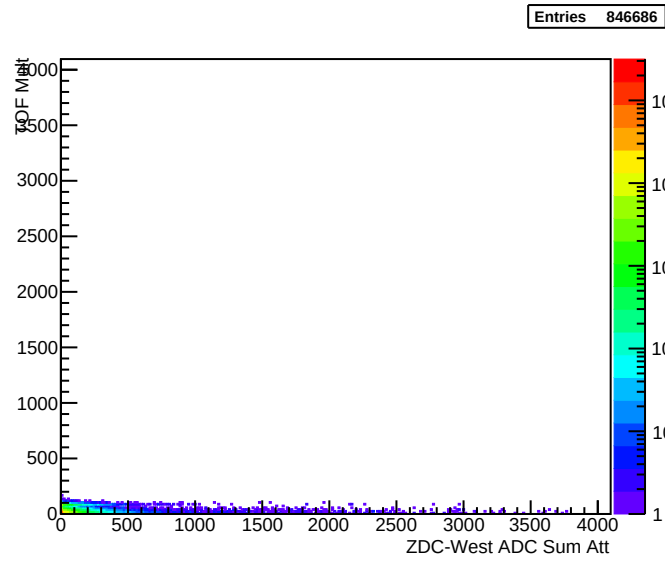

Entries 846686
TOF Mult
BBC-S-East ADC Sum

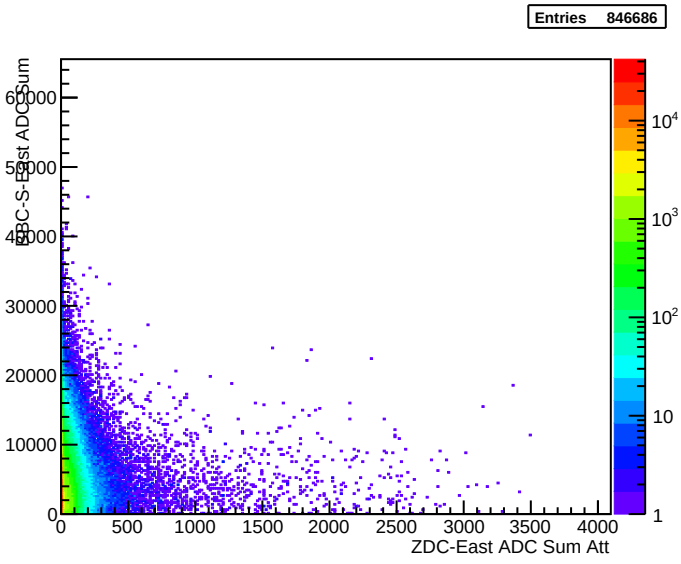

Entries 846686
TOF Mult
BBC-S-West ADC Sum

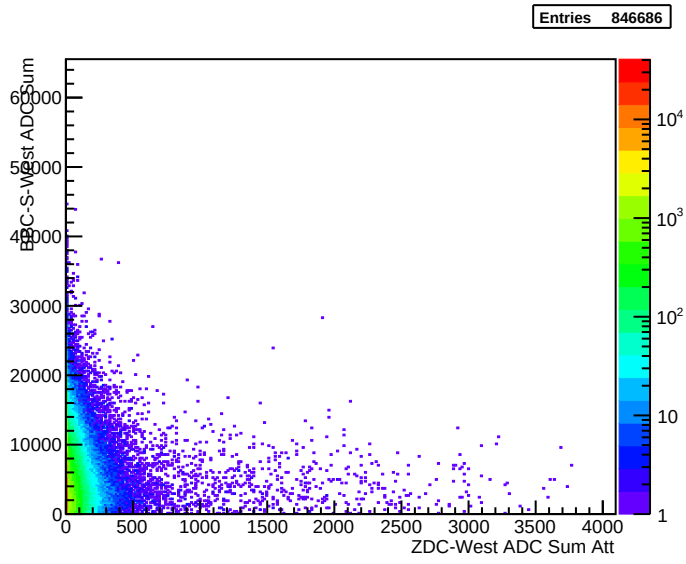

Entries 846686
TOF Mult
VPD-East ADC Sum

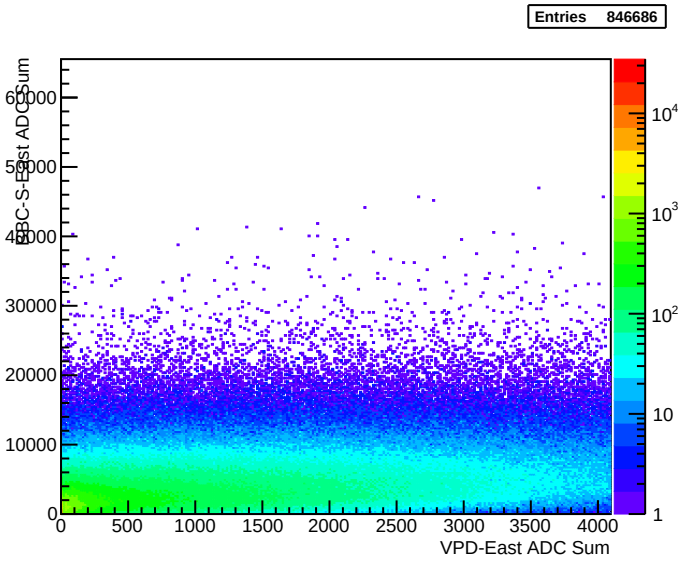

Entries 846686
TOF Mult
VPD-West ADC Sum

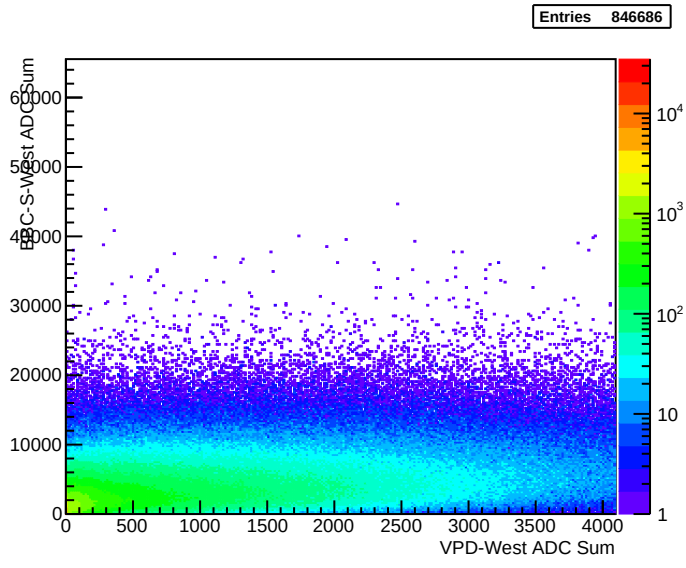

Entries 846686
TOF Mult
ZDC-East ADC Sum Att

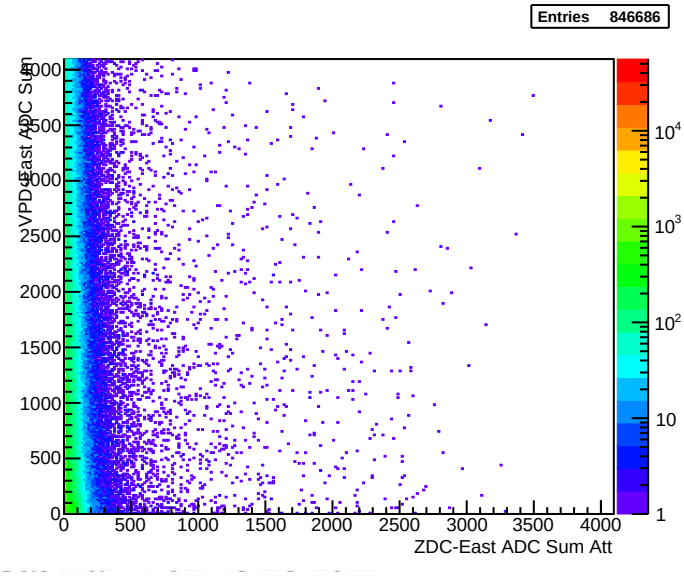

Entries 846686
TOF Mult
ZDC-West ADC Sum Att

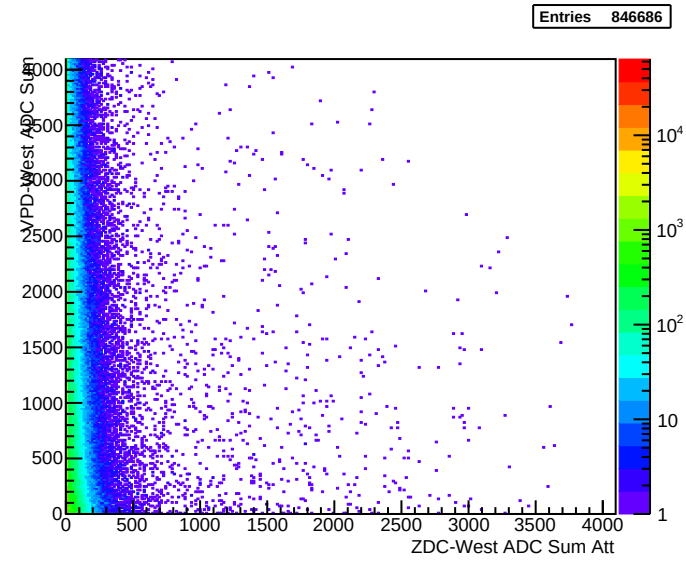

Entries 846686
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

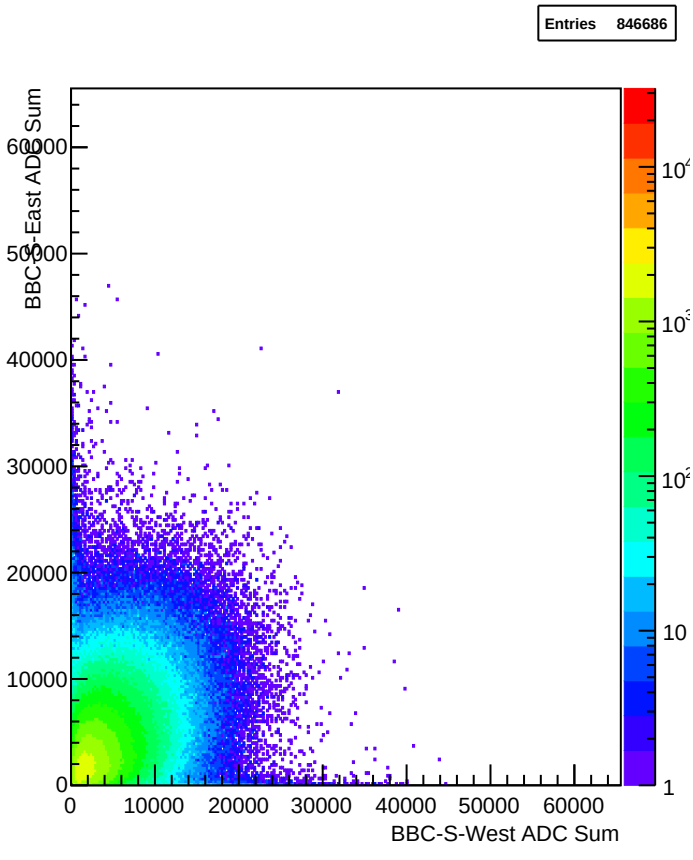

Entries 846686
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

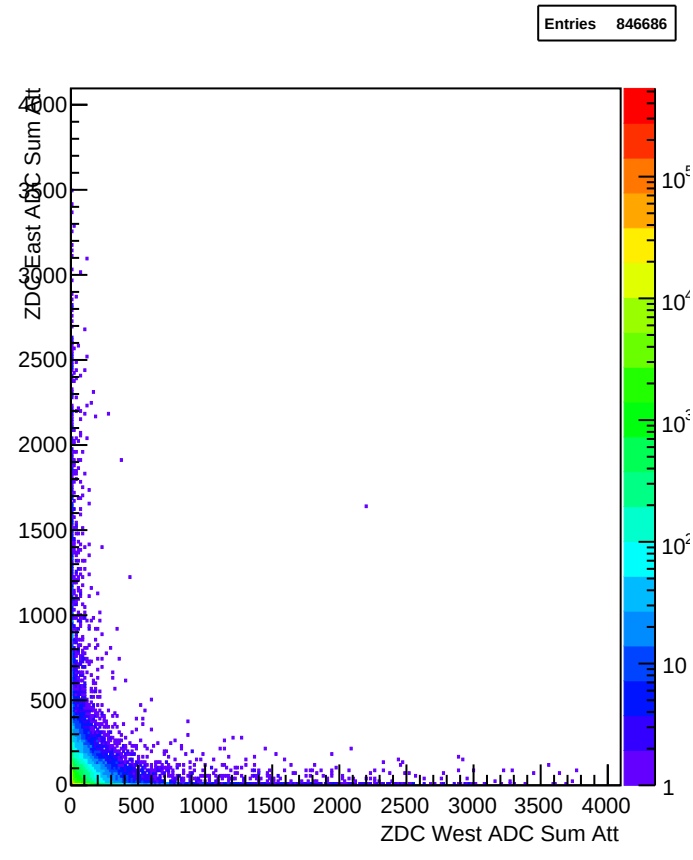

Entries 846686
BBC-S-East ADC Sum
VPD-East ADC Sum

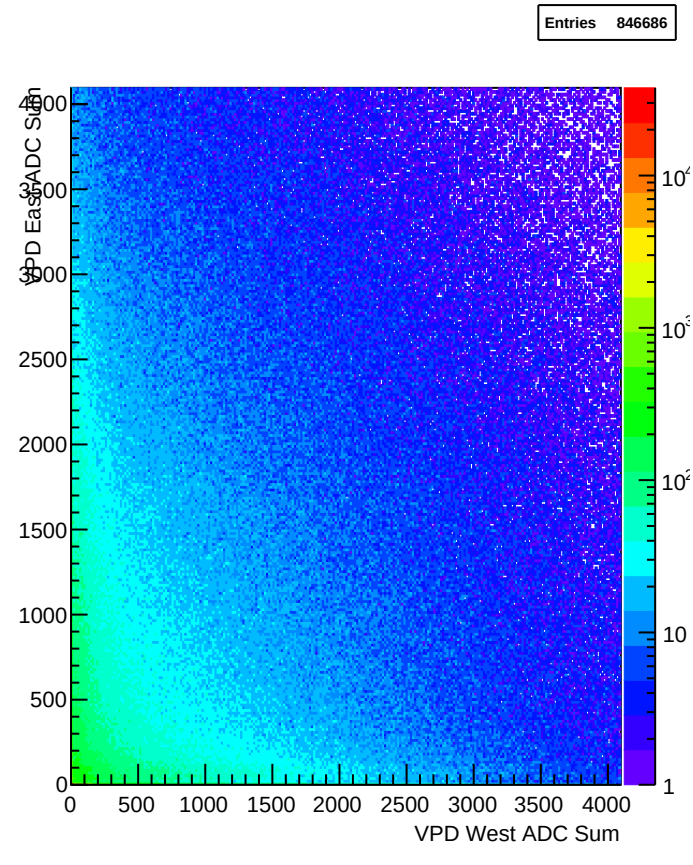

Entries 846686
BBC-S-West ADC Sum
VPD-West ADC Sum

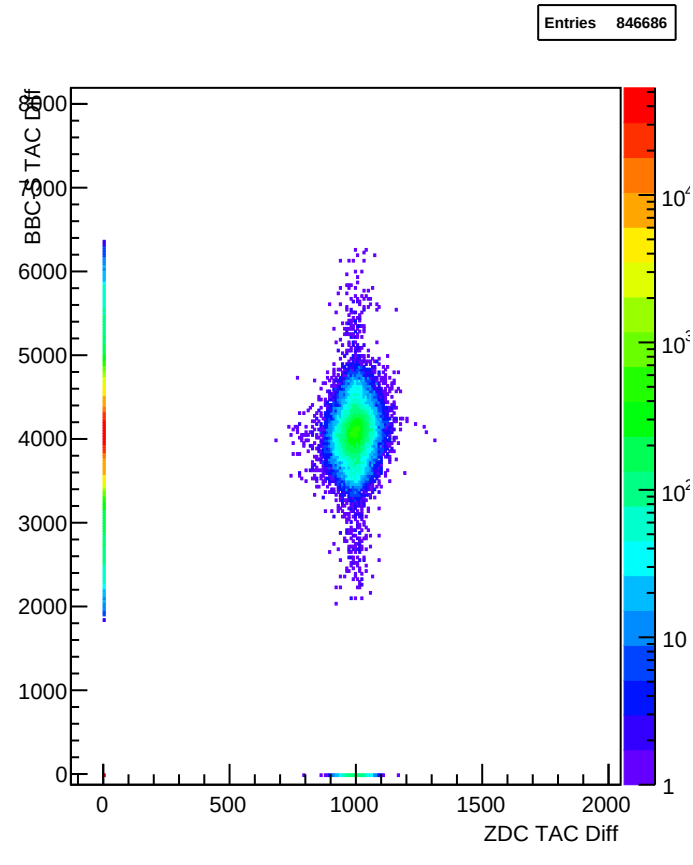

Entries 846686
VPD-East ADC Sum
ZDC-East ADC Sum Att

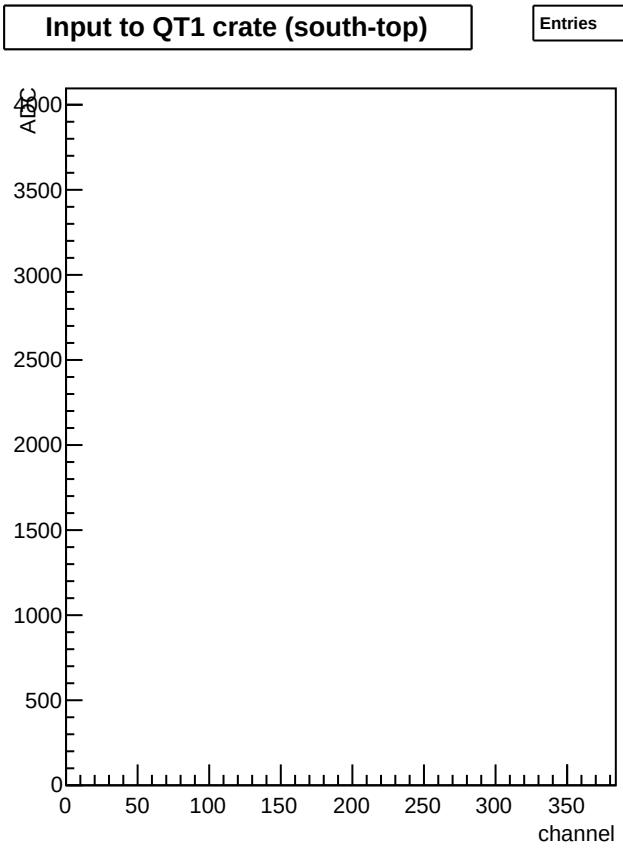

Entries 846686
VPD-West ADC Sum
ZDC-West ADC Sum Att

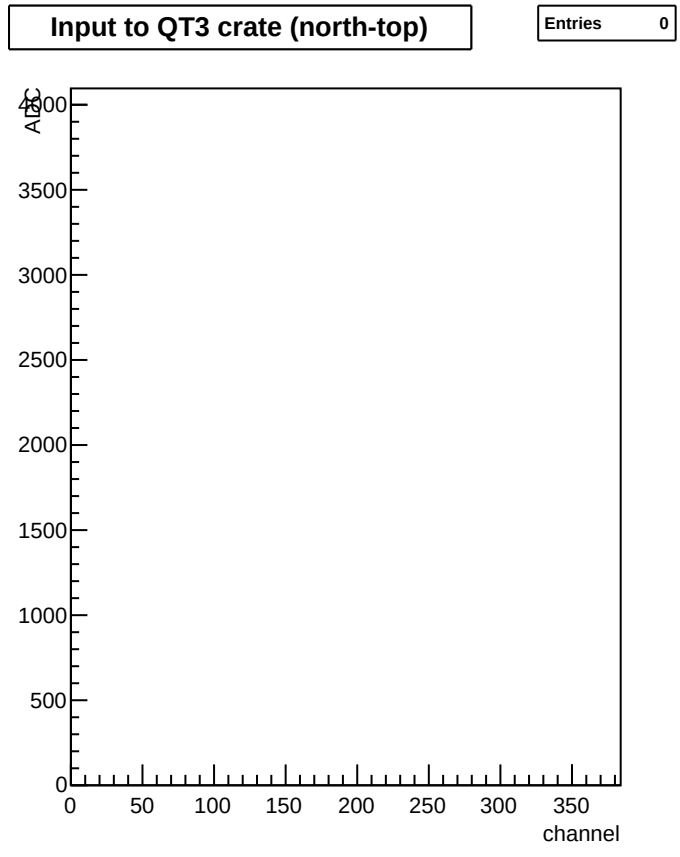

Entries 846686
BBC-S-East ADC Sum
BBC-S-West ADC Sum

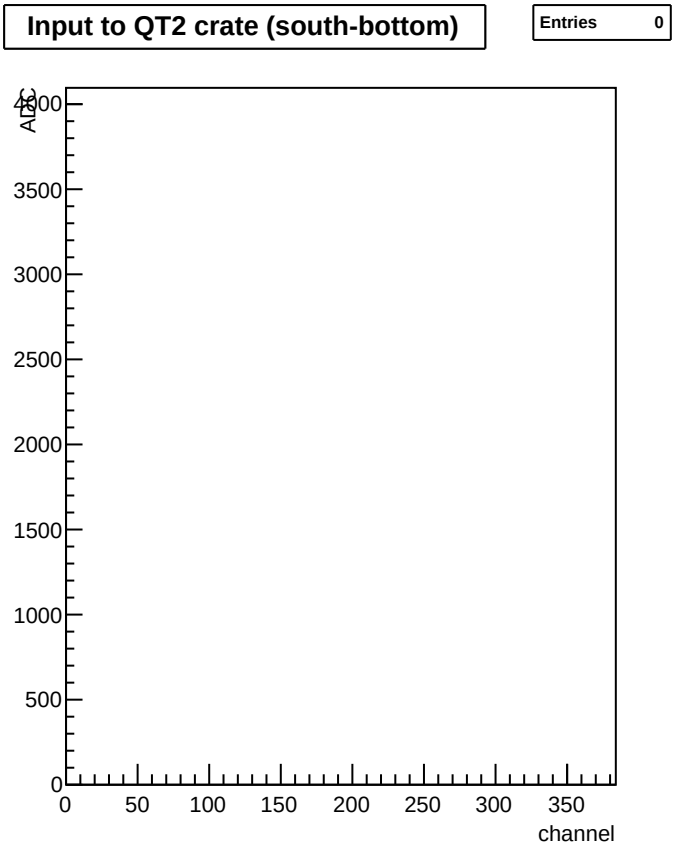

Entries 846686
ZDC East ADC Sum Att
ZDC West ADC Sum Att

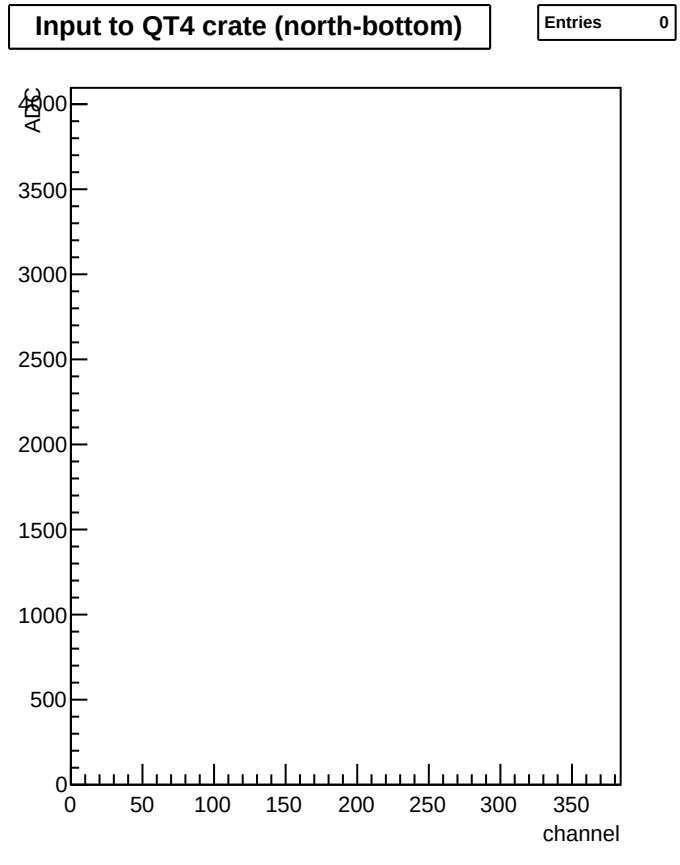

Entries 846686
VPD East ADC Sum
VPD West ADC Sum

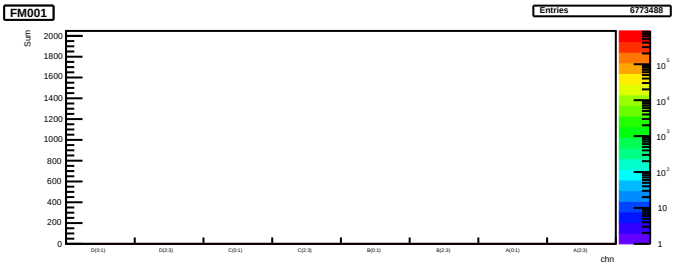

Entries 846686
BBC-S TAC Diff
ZDC TAC Diff

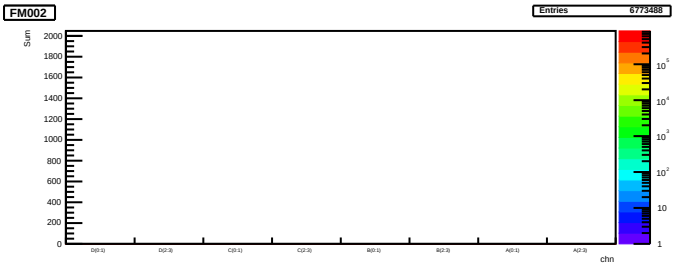

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

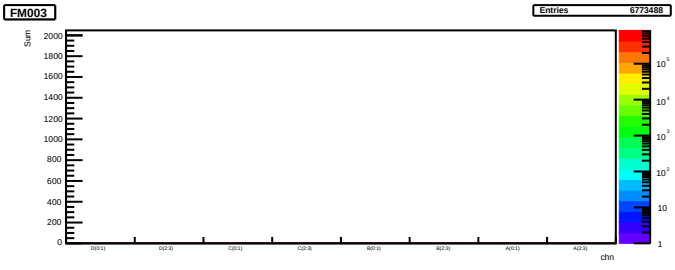

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

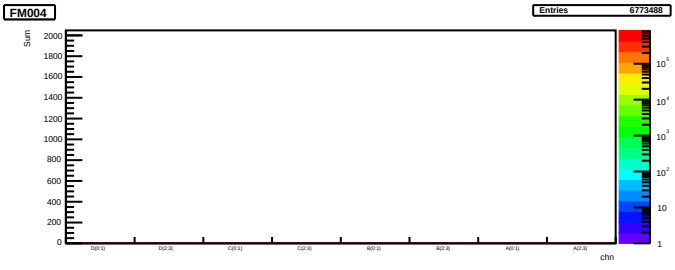

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

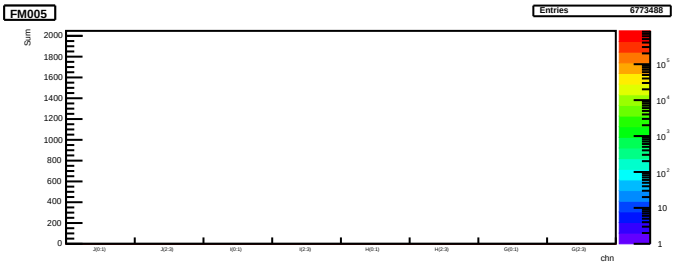

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

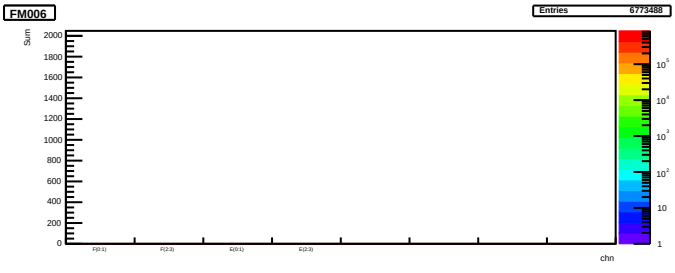

FM001
Entries 6773488
Sum
chn

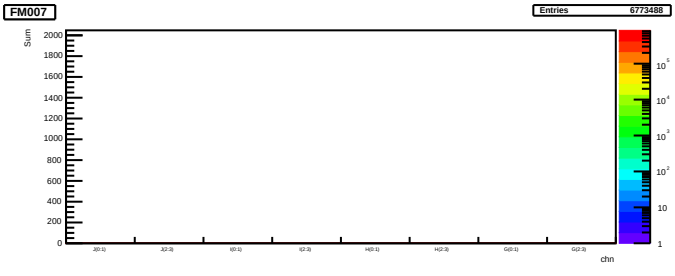

FM002
Entries 6773488
Sum
chn

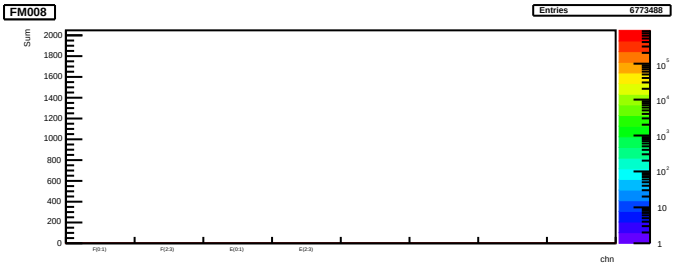

FM003
Entries 6773488
Sum
chn

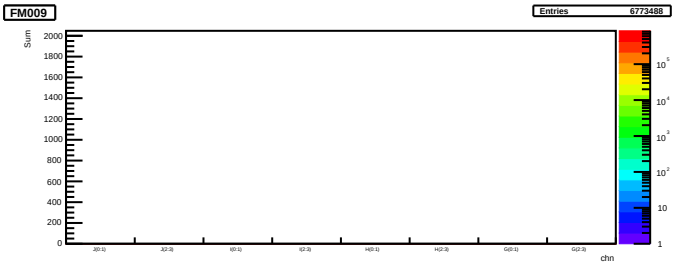

FM004
Entries 6773488
Sum
chn


FM005
Entries 6773488
Sum
chn


FM006
Entries 6773488
Sum
chn


FM007
Entries 6773488
Sum
chn


FM008
Entries 6773488
Sum
chn


FM009
Entries 6773488
Sum
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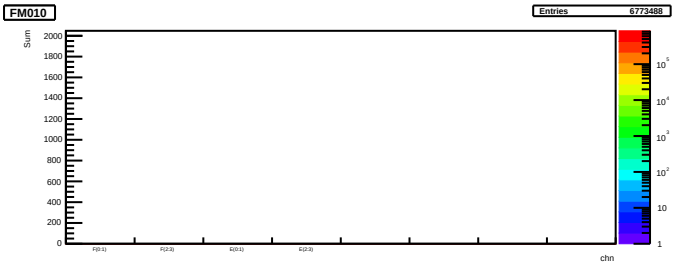
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Entries 6773488
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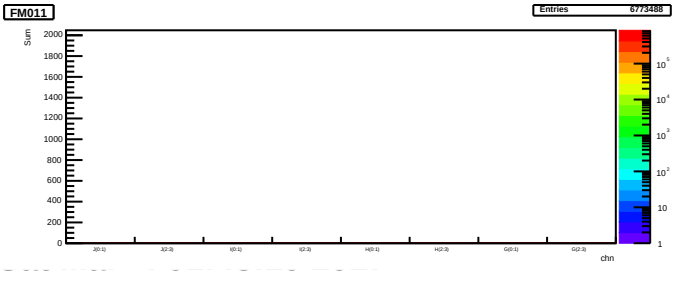
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Entries 6773488
Sum
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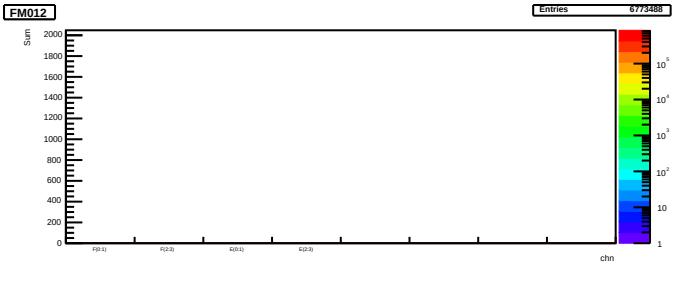
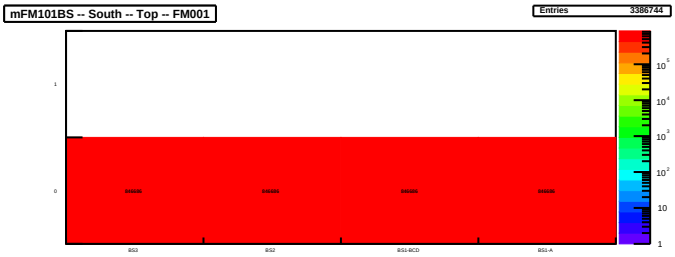
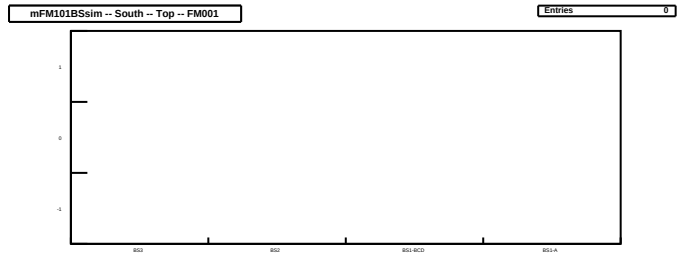

FM012
Entries 6773488
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 3386744
BS3
BS2
BS1-BCD
BS1-A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Entries 0
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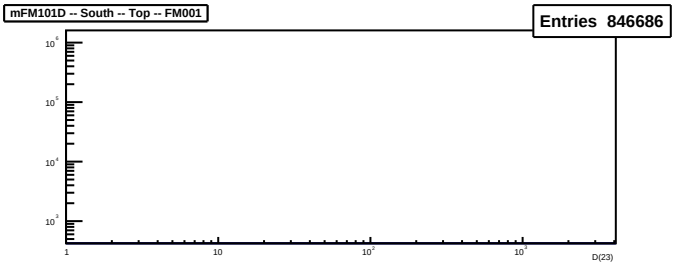
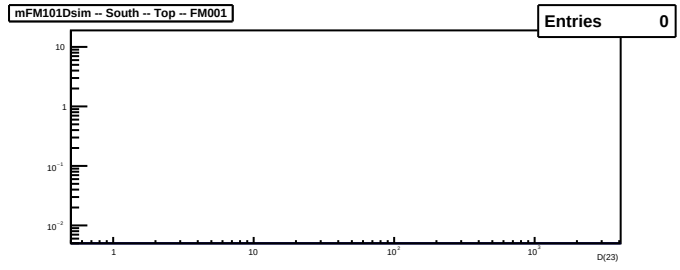
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 846686
D(23)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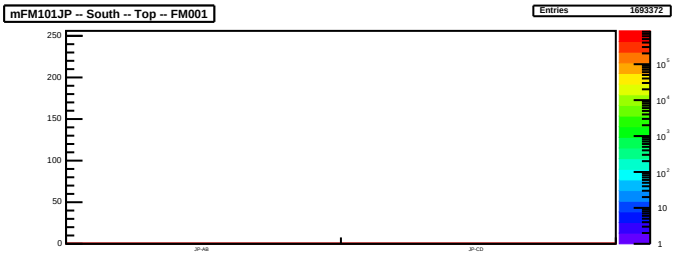
Entries 0
D(23)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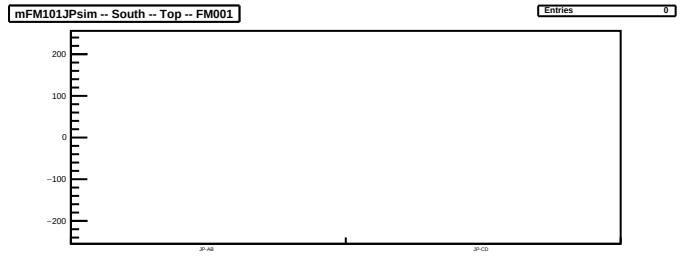
Entries 1693372
JP-AB
JP-CD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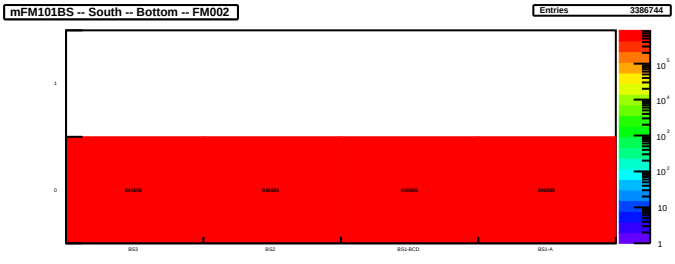
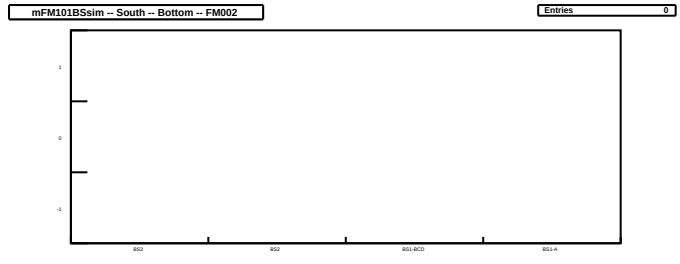
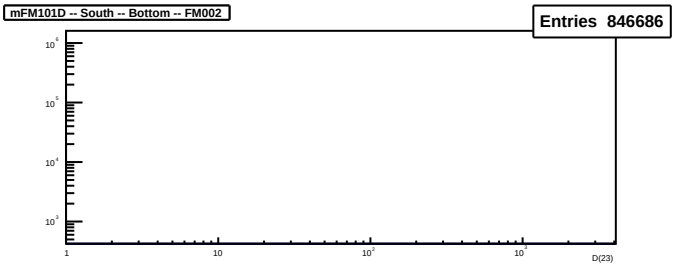
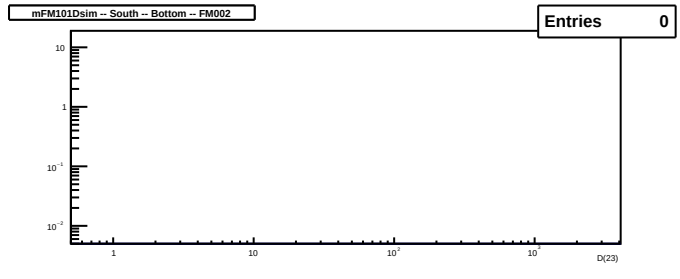
Entries 0
JP-AB
JP-CD

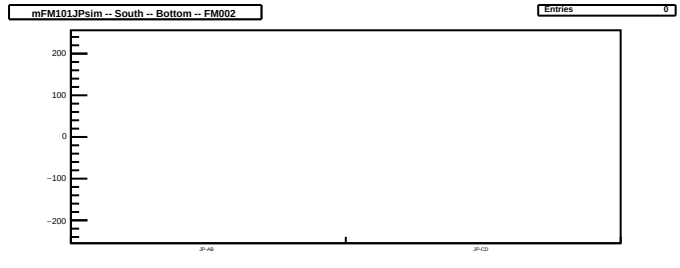

mFM101BS -- South -- Bottom -- FM002
Entries 3386744
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 846686
D(23)


mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 1693372
JP-AB
JP-CD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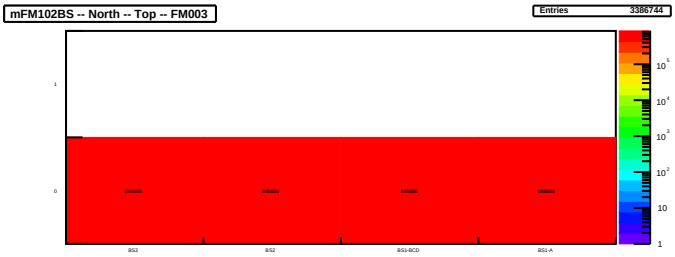
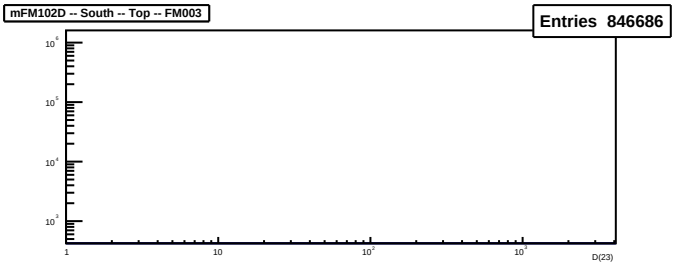
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 3386744
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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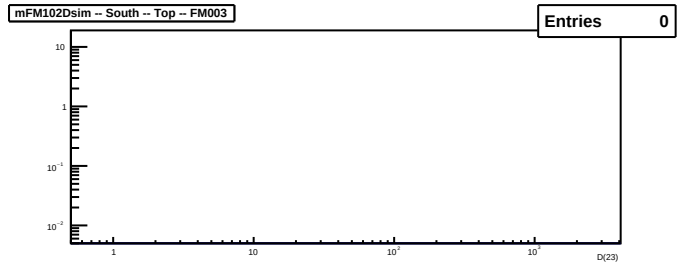
Entries 846686
D(23)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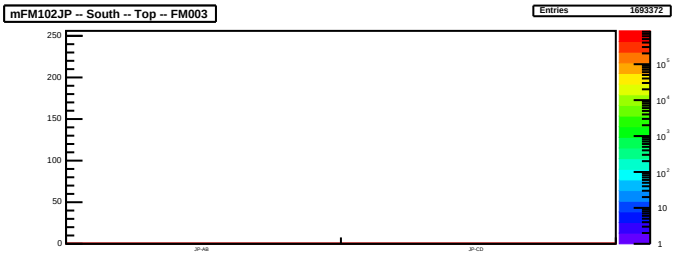
D(23)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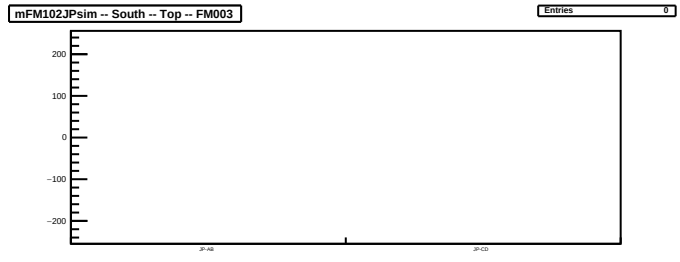
Entries 1693372
JP-AB
JP-CD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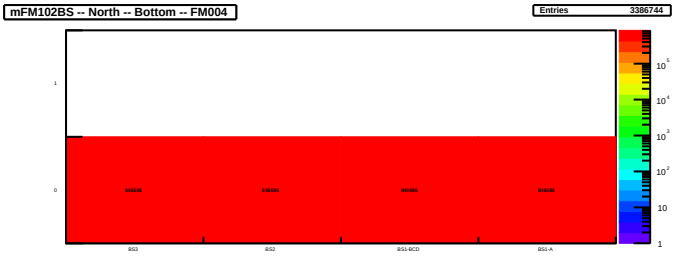
Entries 0
JP-AB
JP-CD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Entries 3386744
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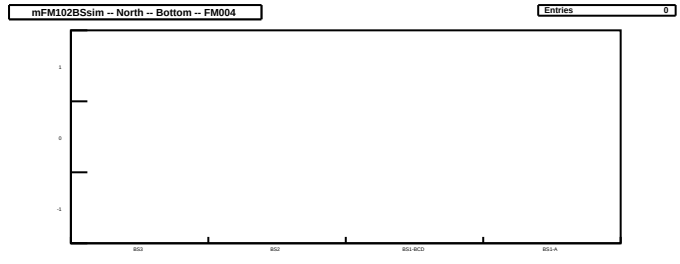
BS2
BS1-BCD
BS1-A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Entries 0
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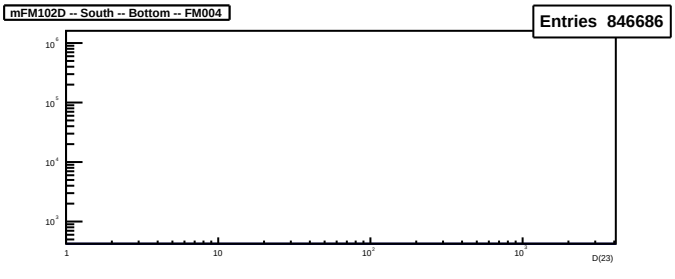
BS2
BS1-BCD
BS1-A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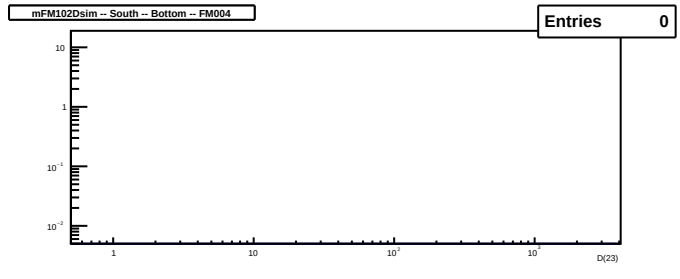
Entries 846686
D(23)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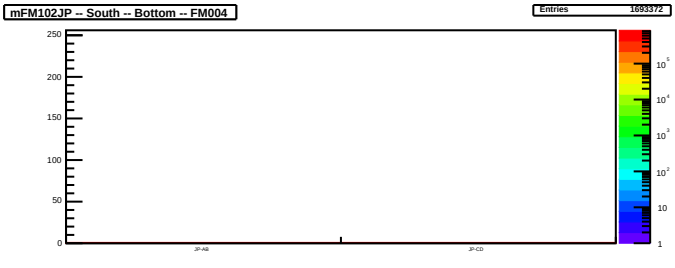
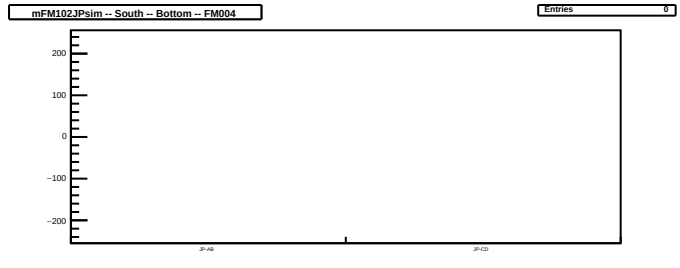
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 1693372
JP-AB
JP-CD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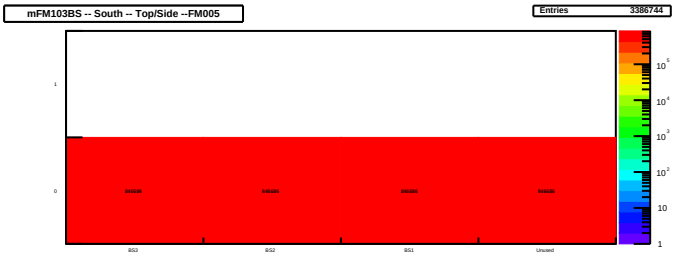
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 3386744
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BS2
BS1
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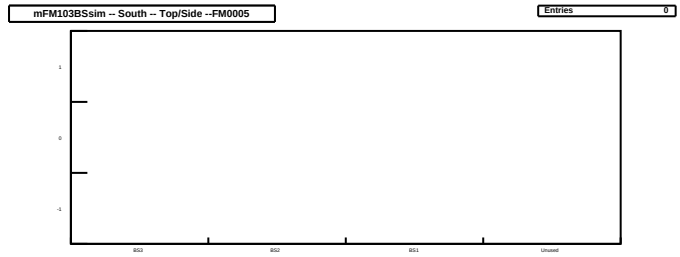
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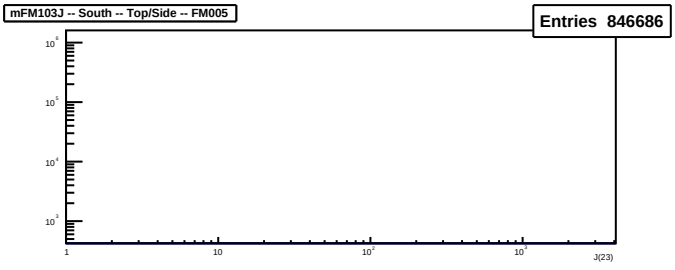
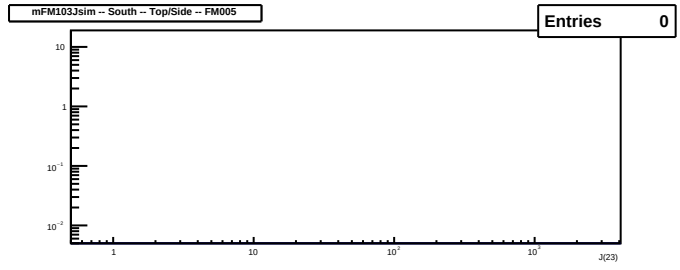
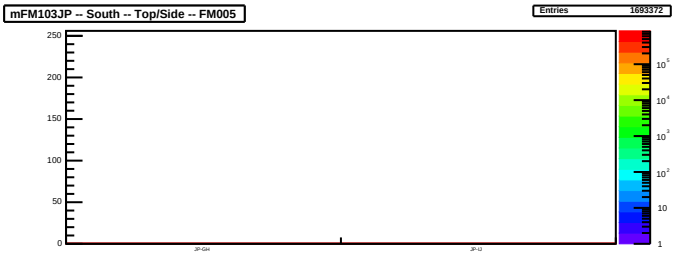
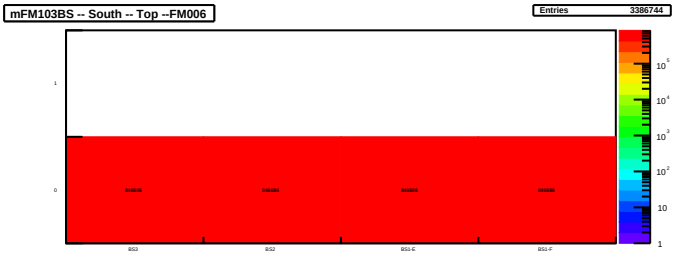
Entries 0
BS3
BS2
BS1
Unused

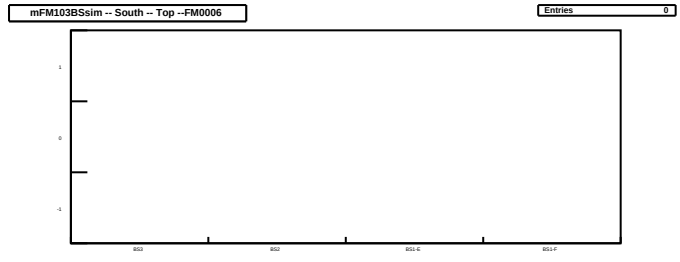

mFM103J -- South -- Top/Side -- FM005
Entries 846686
J(23)

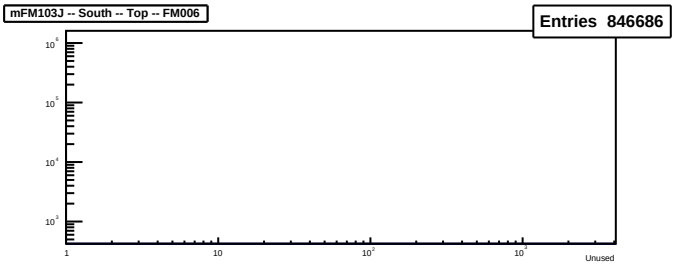

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

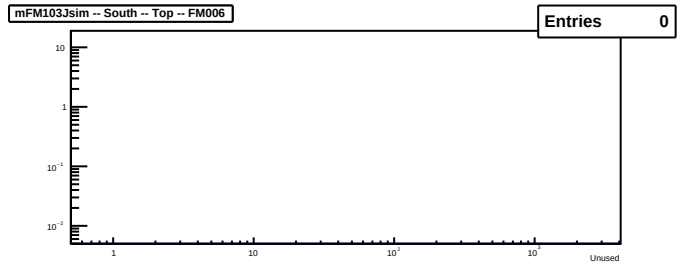

mFM103JP -- South -- Top/Side -- FM005
Entries 1693372
JP-GH
JP-IJ

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Top --FM006
Entries 3386744
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 846686
Unused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Entries 0
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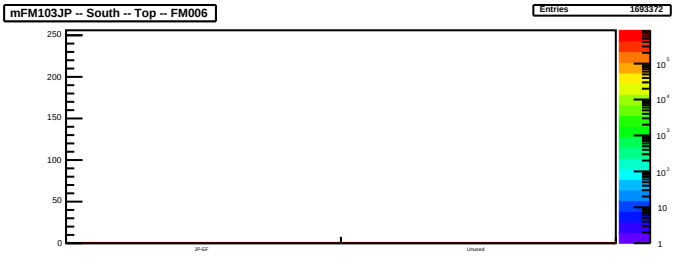
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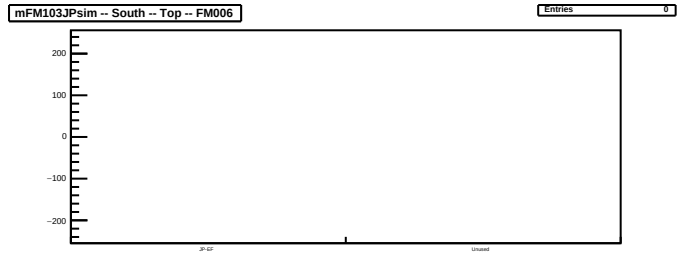
Entries 1693372
JP-EF
Unused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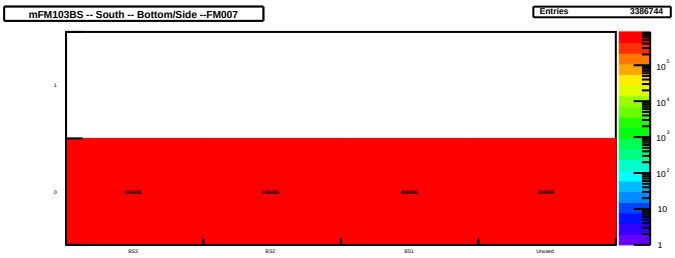
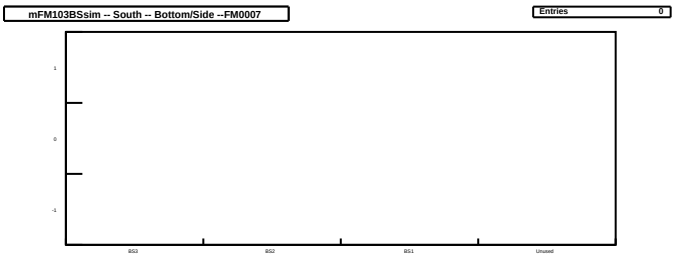
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 3386744
BS3
BS2
BS1
Unused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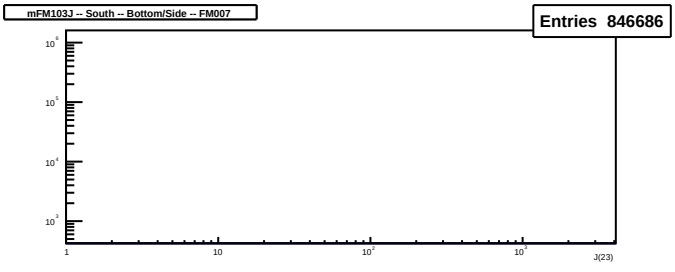
Entries 0
BS3
BS2
BS1
Unused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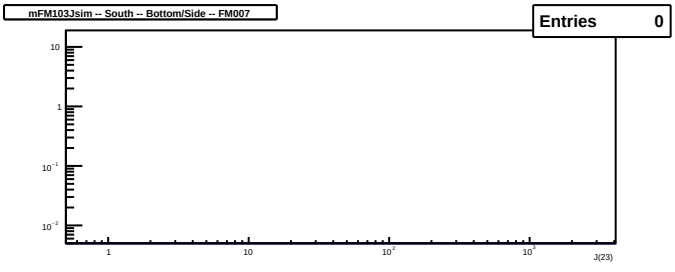
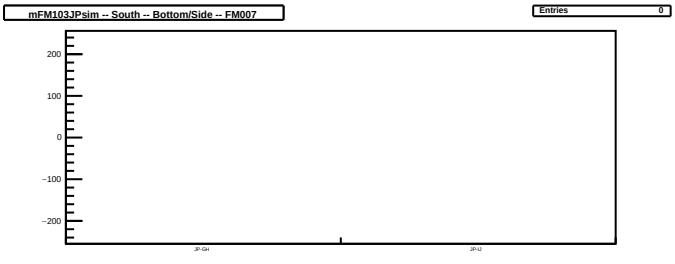
Entries 846686
J(23)


mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1693372
JP-GH
JP-IJ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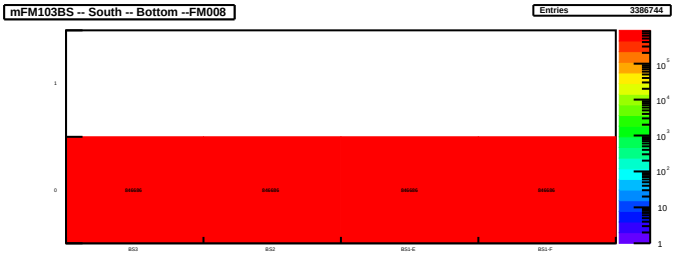
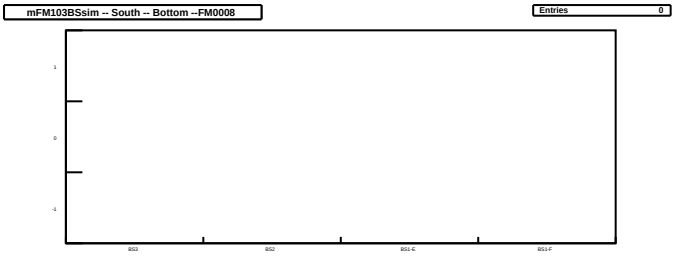
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 3386744
BS3
BS2
BS1-E
BS1-F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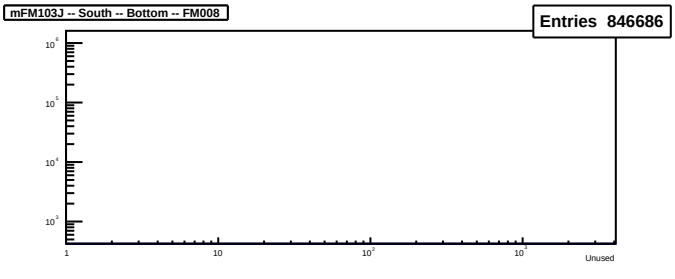
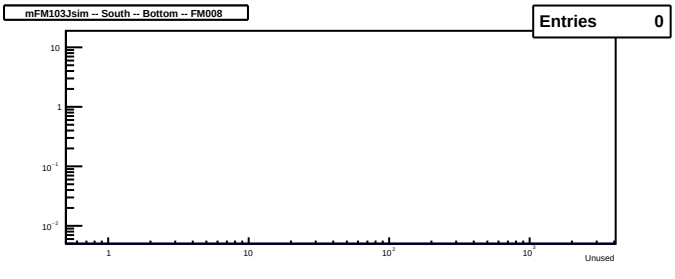
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 846686
Unused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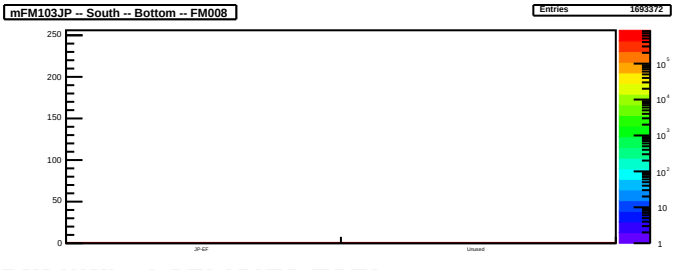
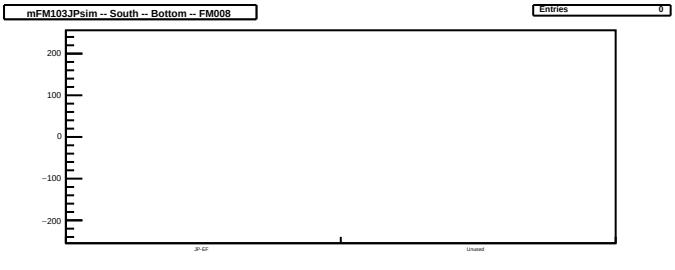
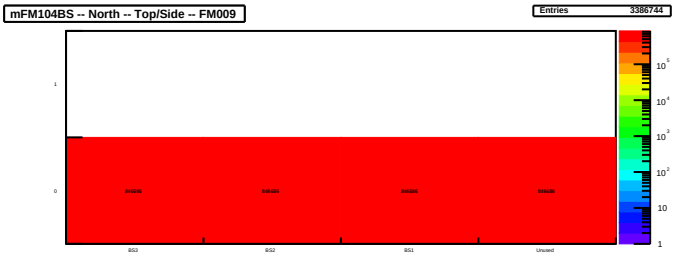
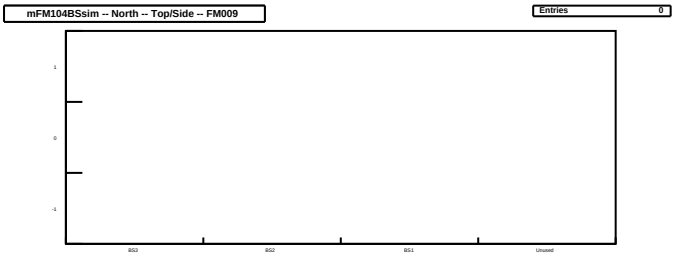
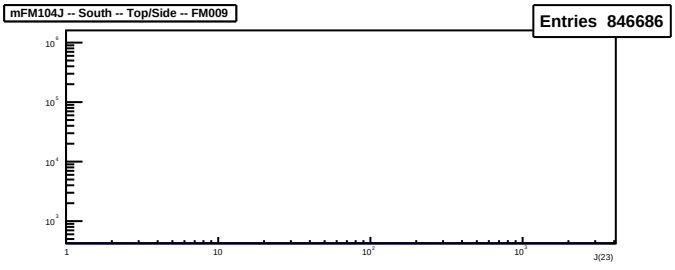
Entries 0
Unused

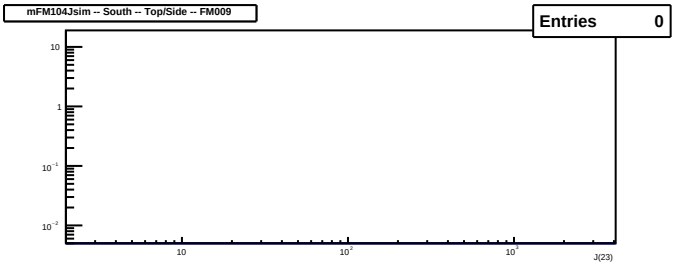

mFM103JP -- South -- Bottom -- FM008
Entries 1693372
JP-EF
Unused

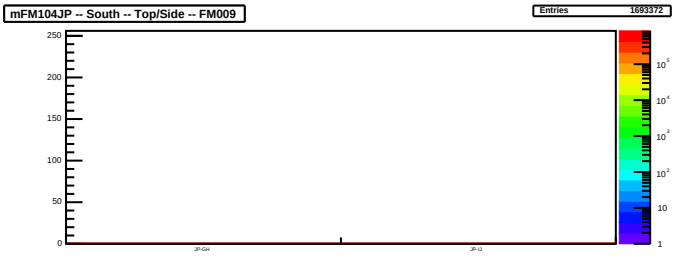

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

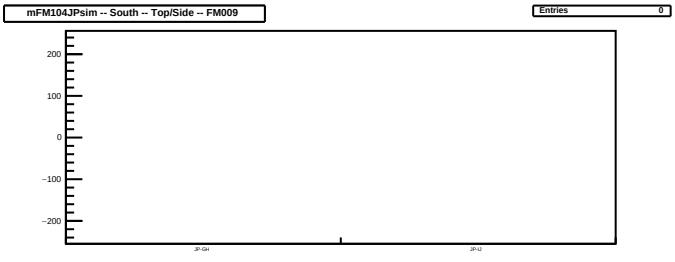

mFM104BS -- North -- Top/Side -- FM009
Entries 3386744
BS3
BS2
BS1
Unused

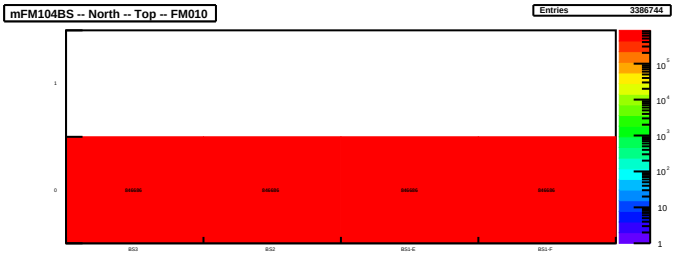

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

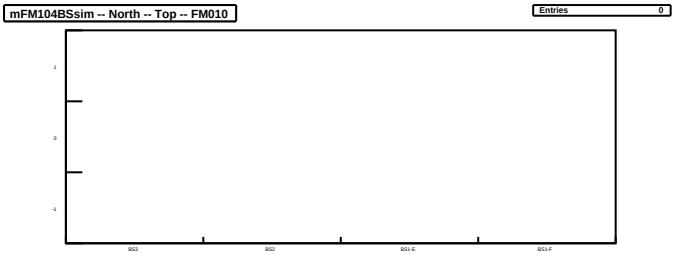

mFM104J -- South -- Top/Side -- FM009
Entries 846686
J(23)

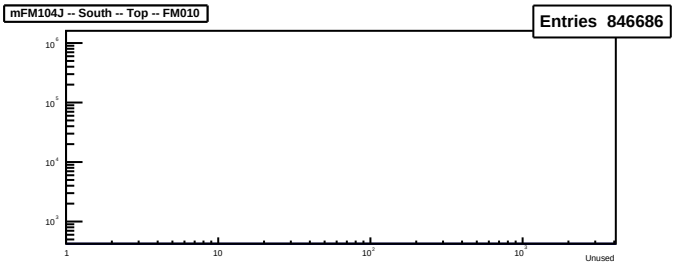

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

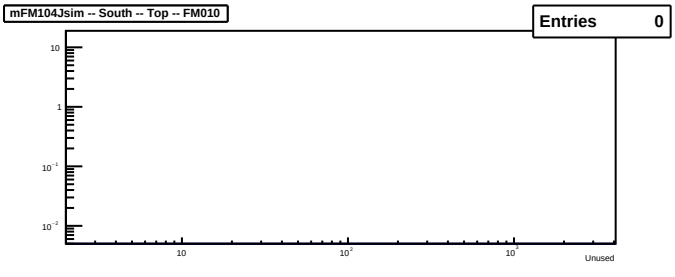

mFM104JP -- South -- Top/Side -- FM009
Entries 1693372
JP-GH
JP-IJ

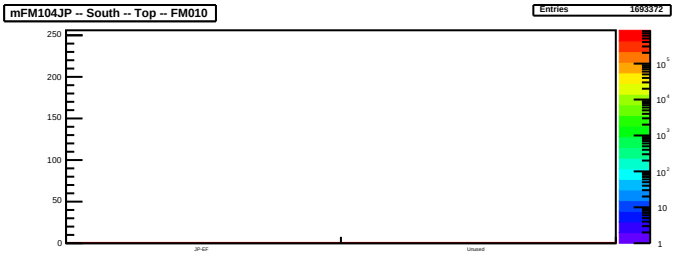

mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ

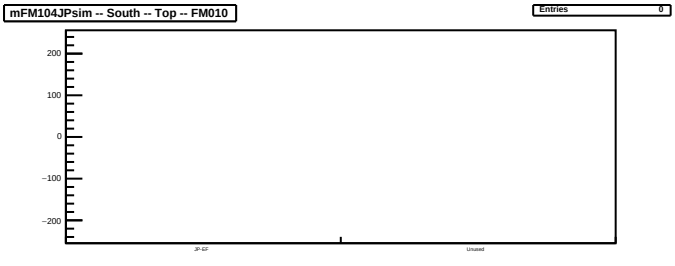

mFM104BS -- North -- Top -- FM010
Entries 3386744
BS3
BS2
BS1-E
BS1-F

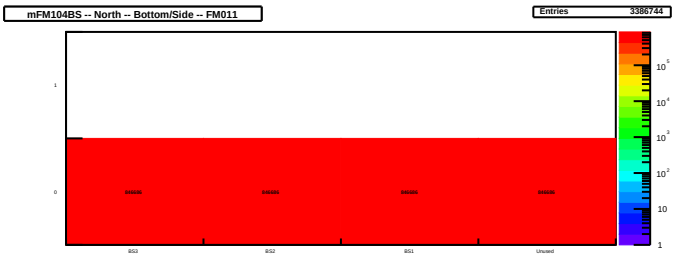

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

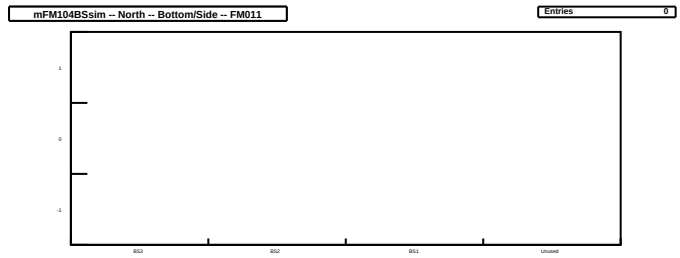

mFM104J -- South -- Top -- FM010
Entries 846686
Unused

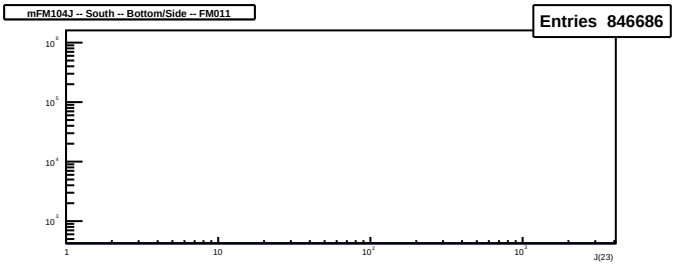

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

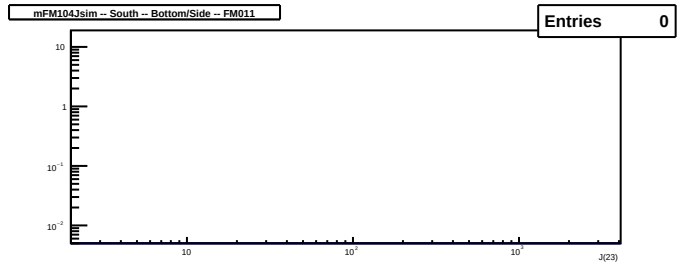

mFM104JP -- South -- Top -- FM010
Entries 1693372
JP-EF
Unused

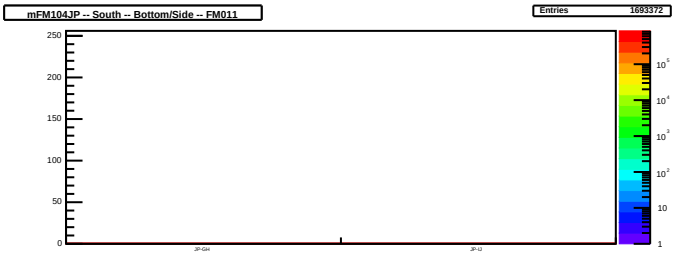

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

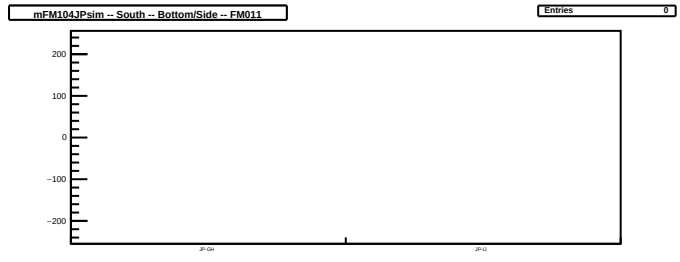

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3386744
BS3
BS2
BS1
Unused

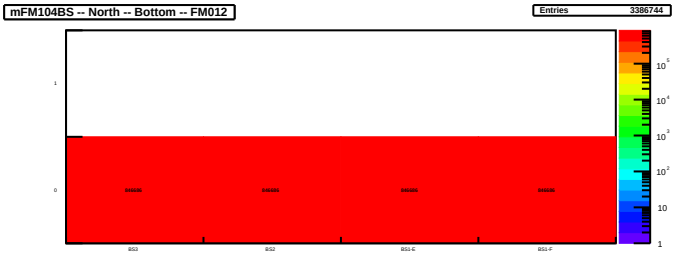

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

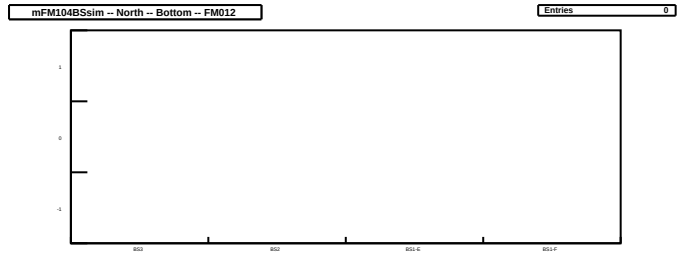

mFM104J -- South -- Bottom/Side -- FM011
Entries 846686
J(23)

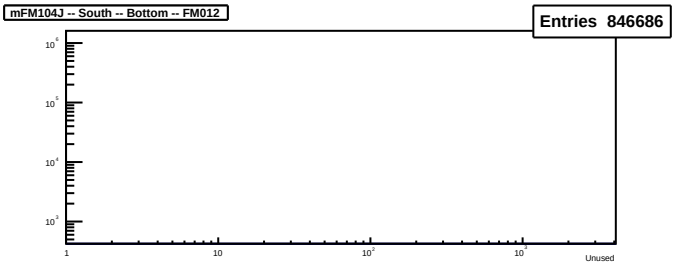

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

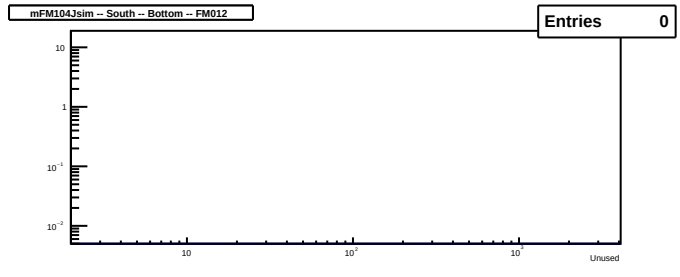

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1693372
JP-GH
JP-IJ


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

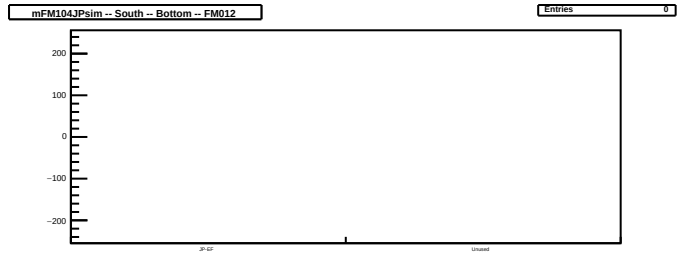

mFM104BS -- North -- Bottom -- FM012
Entries 3386744
BS3
BS2
BS1-E
BS1-F

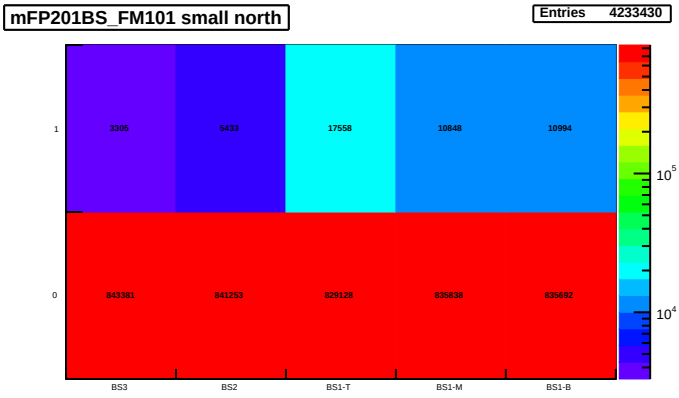

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

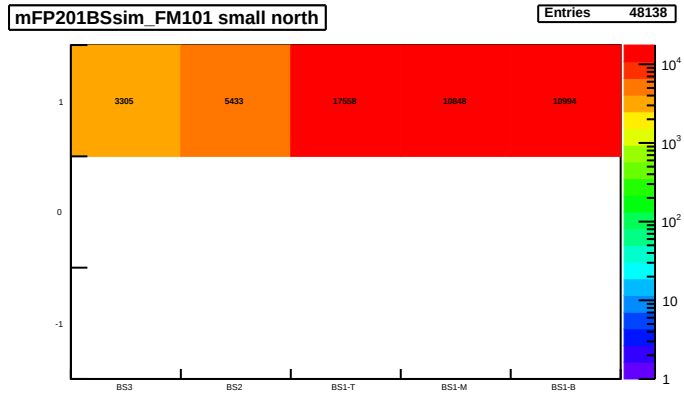

mFM104J -- South -- Bottom -- FM012
Entries 846686
Unused

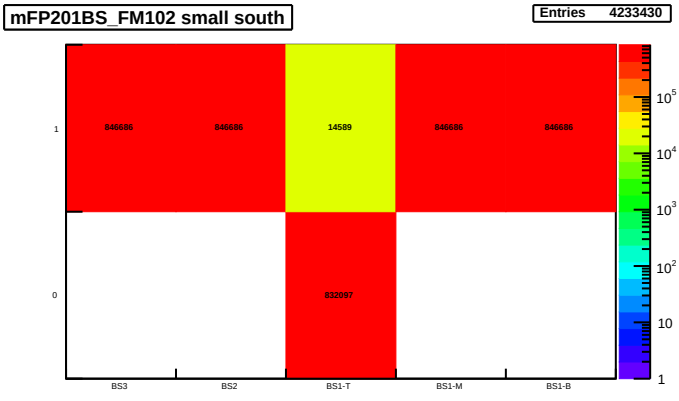

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

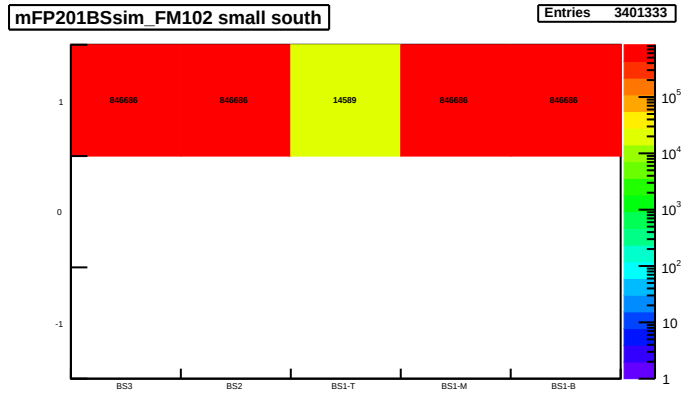
mFM104JP -- South -- Bottom -- FM012
Entries 1693372
JP-EF
Unused

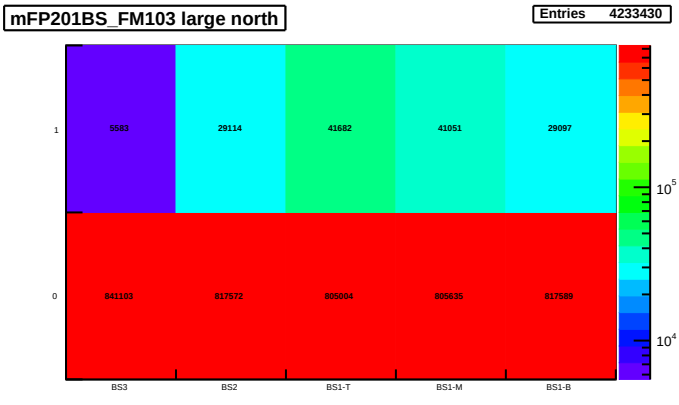

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

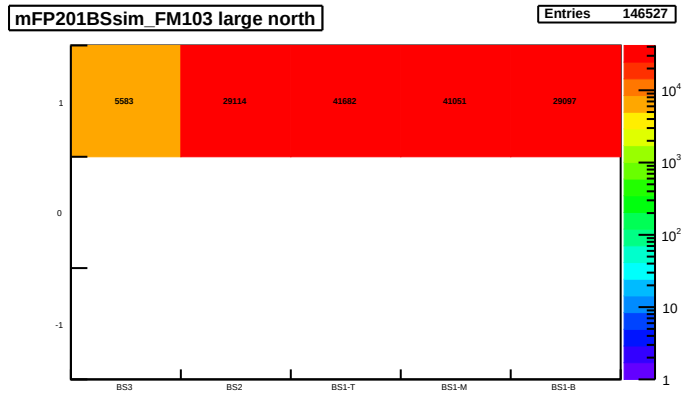

mFP201BS_FM101 small north
Entries 4233430
3305
5433
17558
10848
10994
843381
841253
829128
835838
835692
BS3
BS2
BS1-T
BS1-M
BS1-B

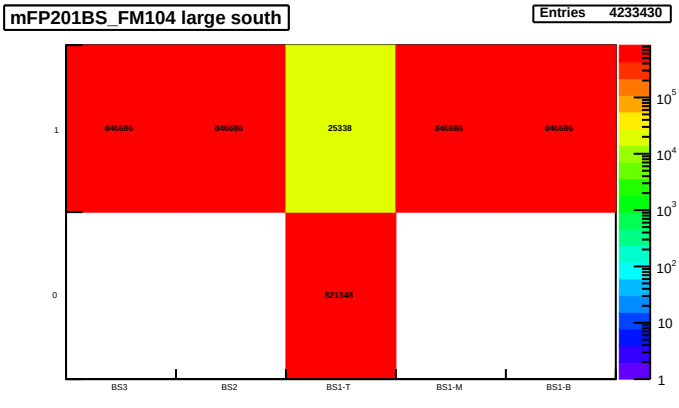

mFP201BSsim_FM101 small north
Entries 48138
3305
5433
17558
10848
10994
BS3
BS2
BS1-T
BS1-M
BS1-B

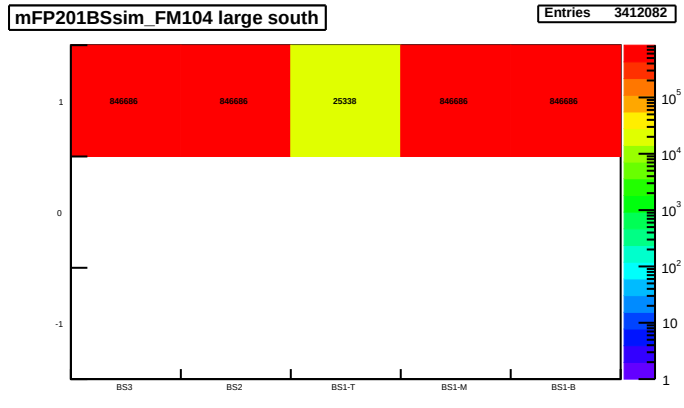

mFP201BS_FM102 small south
Entries 4233430
846686
846686
14589
846686
846686
832097
BS3
BS2
BS1-T
BS1-M
BS1-B

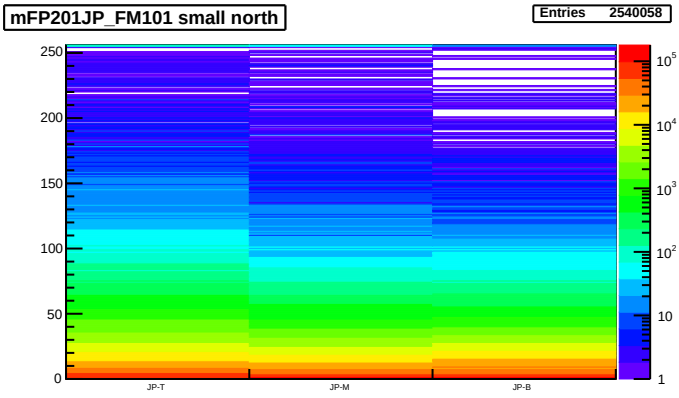

mFP201BSsim_FM102 small south
Entries 3401333
846686
846686
14589
846686
846686
BS3
BS2
BS1-T
BS1-M
BS1-B

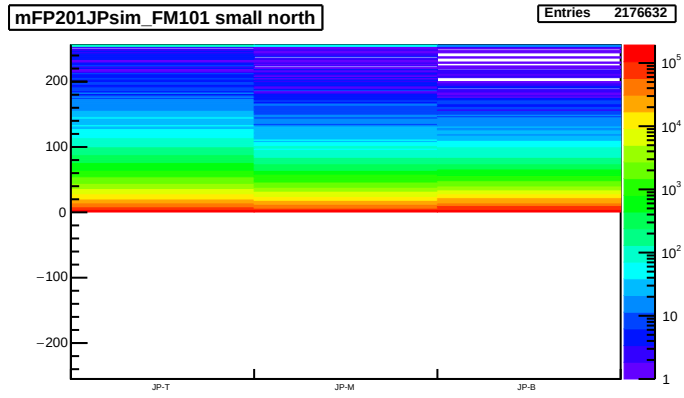

mFP201BS_FM103 large north
Entries 4233430
5583
29114
41682
41051
29097
841103
817572
805004
805635
817589
BS3
BS2
BS1-T
BS1-M
BS1-B

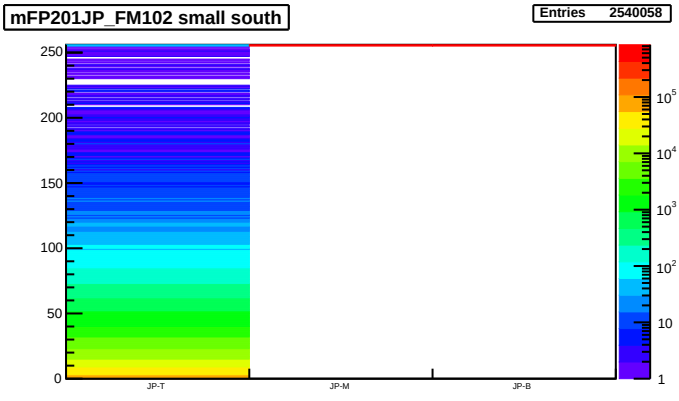

mFP201BSsim_FM103 large north
Entries 146527
5583
29114
41682
41051
29097
BS3
BS2
BS1-T
BS1-M
BS1-B

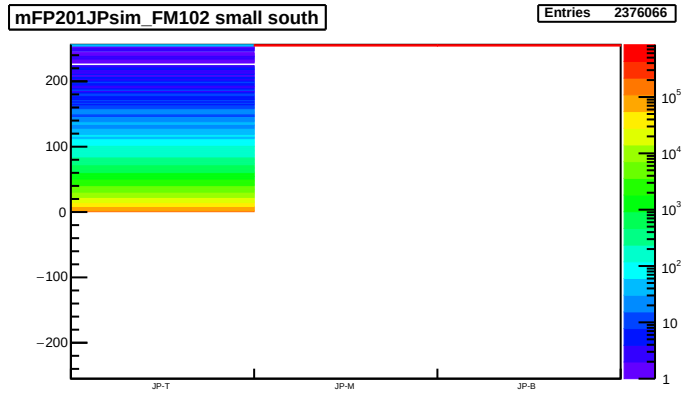

mFP201BS_FM104 large south
Entries 4233430
846686
846686
25338
846686
846686
821348
BS3
BS2
BS1-T
BS1-M
BS1-B

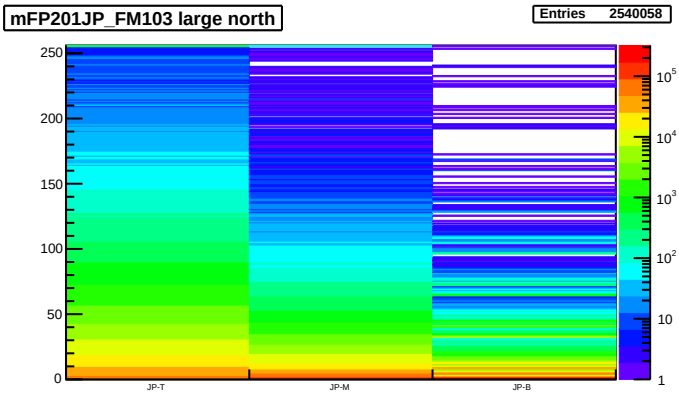

mFP201BSsim_FM104 large south
Entries 3412082
846686
846686
25338
846686
846686
BS3
BS2
BS1-T
BS1-M
BS1-B

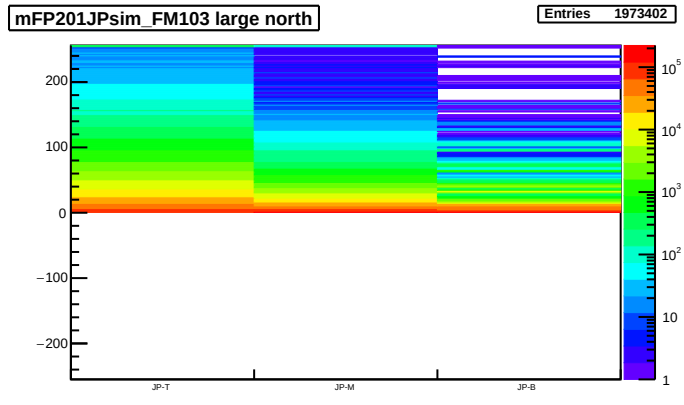

mFP201JP_FM101 small north
Entries 2540058
JP-T
JP-M
JP-B

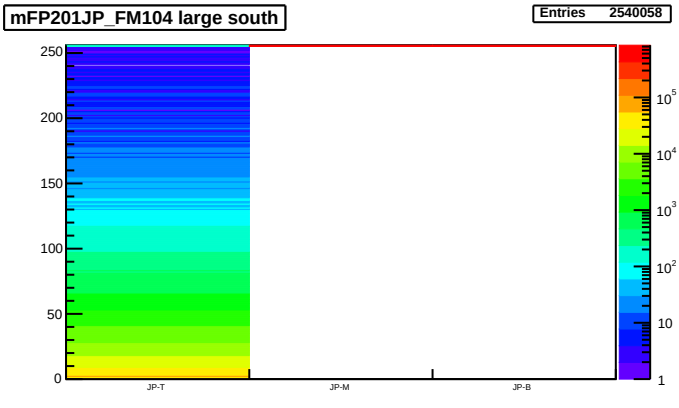

mFP201JPsim_FM101 small north
Entries 2176632
JP-T
JP-M
JP-B

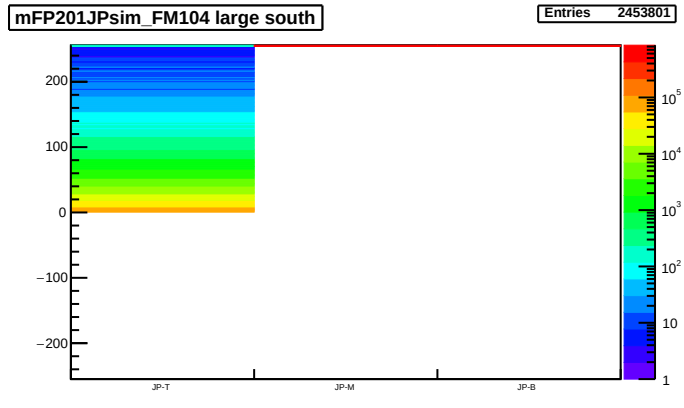

mFP201JP_FM102 small south
Entries 2540058
JP-T
JP-M
JP-B

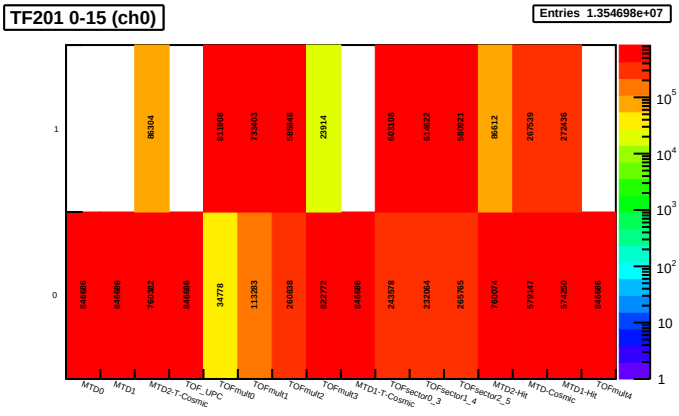

mFP201JPsim_FM102 small south
Entries 2376066
JP-T
JP-M
JP-B

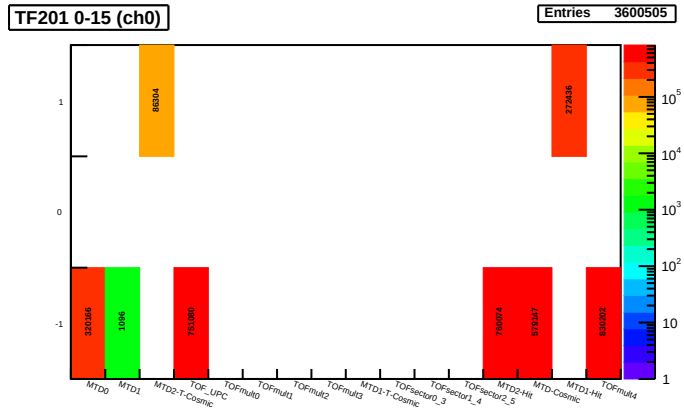

mFP201JP_FM103 large north
Entries 2540058
JP-T
JP-M
JP-B

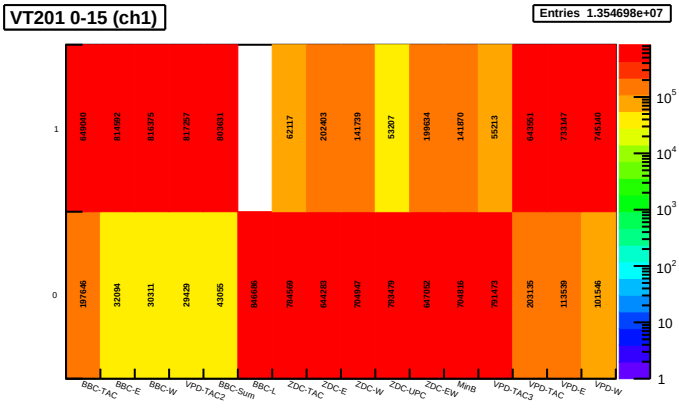

mFP201JPsim_FM103 large north
Entries 1973402
JP-T
JP-M
JP-B

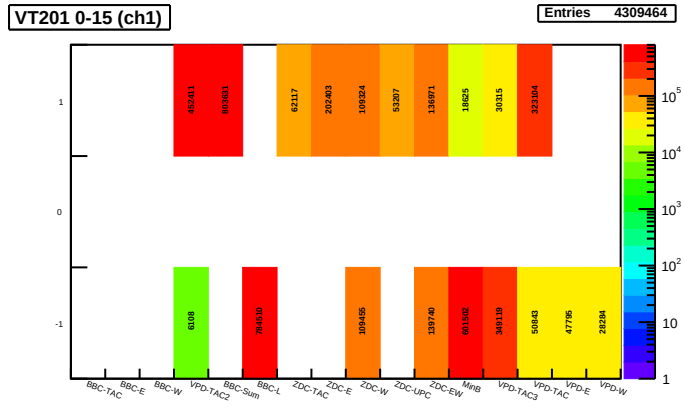

mFP201JP_FM104 large south
Entries 2540058
JP-T
JP-M
JP-B

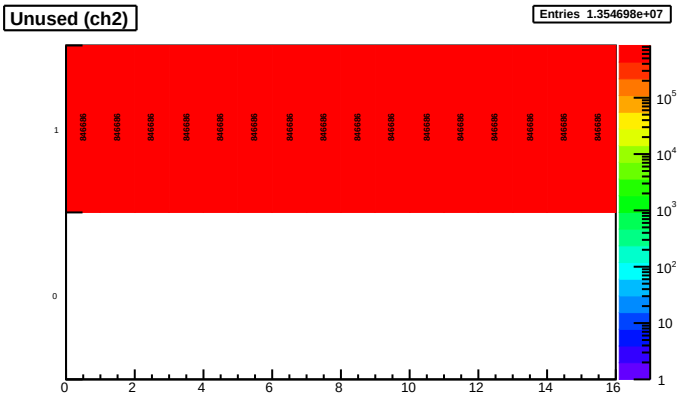

mFP201JPsim_FM104 large south
Entries 2453801
JP-T
JP-M
JP-B

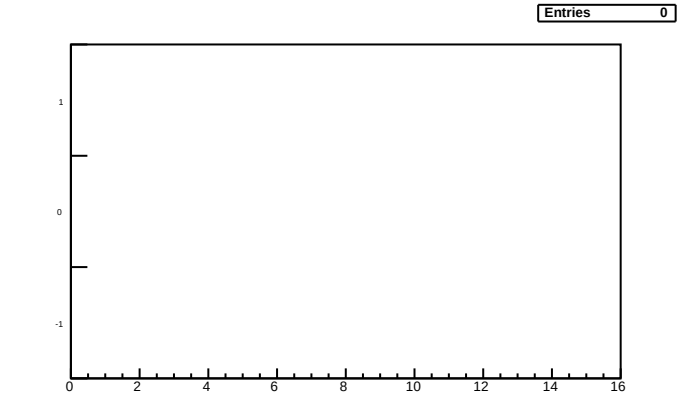

TF201 0-15 (ch0)
Entries 1.354698e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

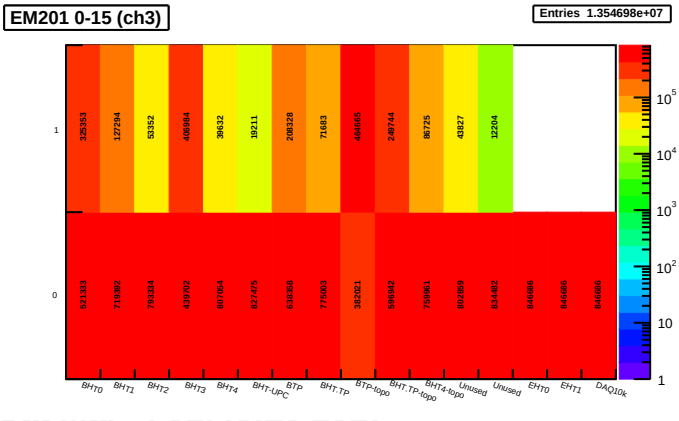

TF201 0-15 (ch0)
Entries 3600505
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

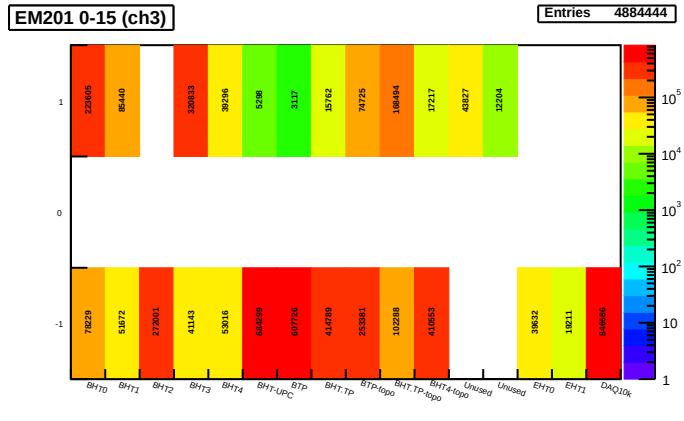

VT201 0-15 (ch1)
Entries 1.354698e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 4309464
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

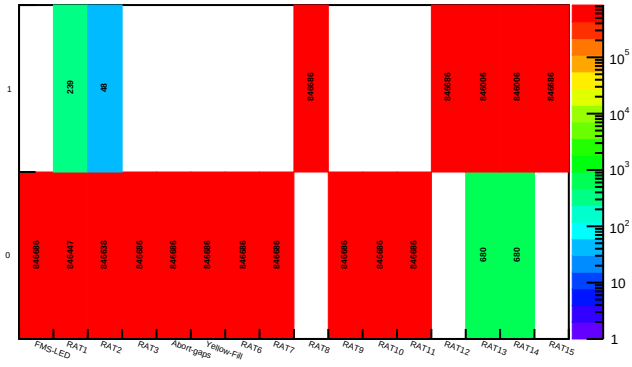

Unused (ch2)
Entries 1.354698e+07

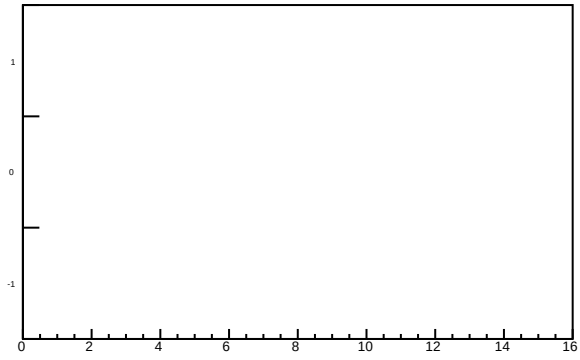

Entries 0


EM201 0-15 (ch3)
Entries 1.354698e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

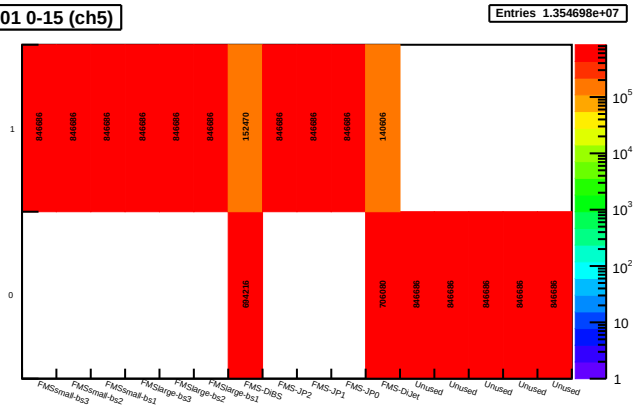

EM201 0-15 (ch3)
Entries 4884444
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)





FP201 0-15 (ch5)



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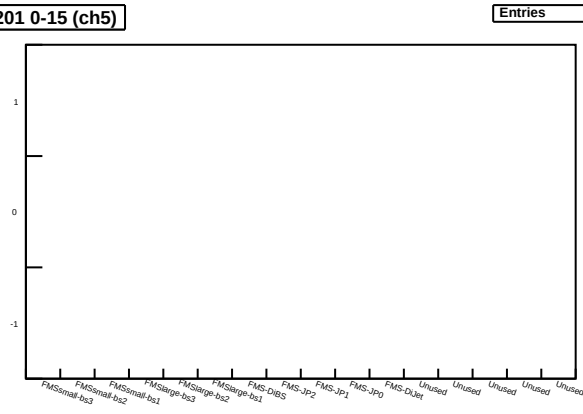

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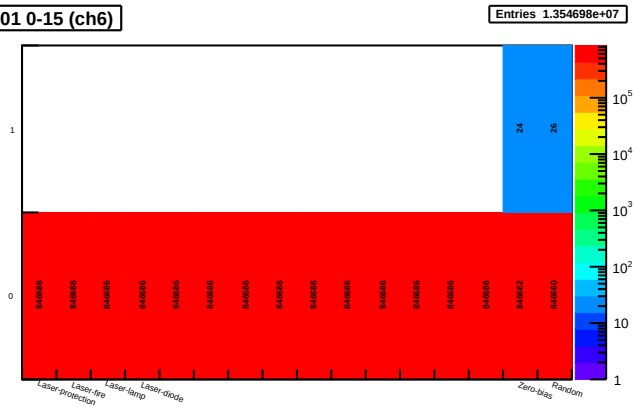

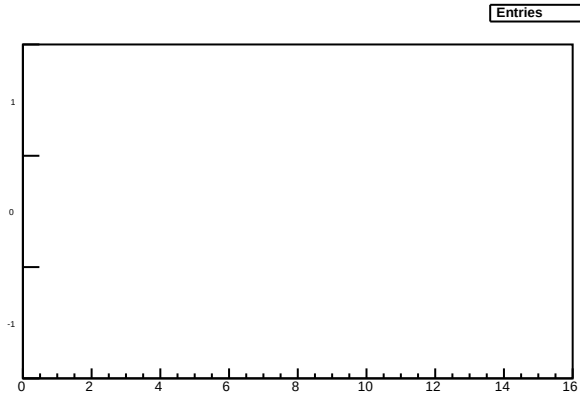
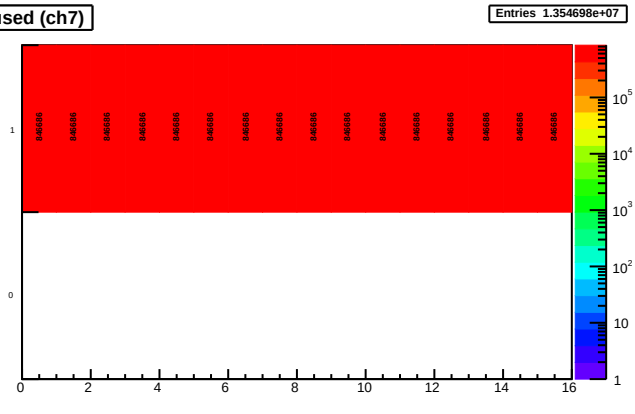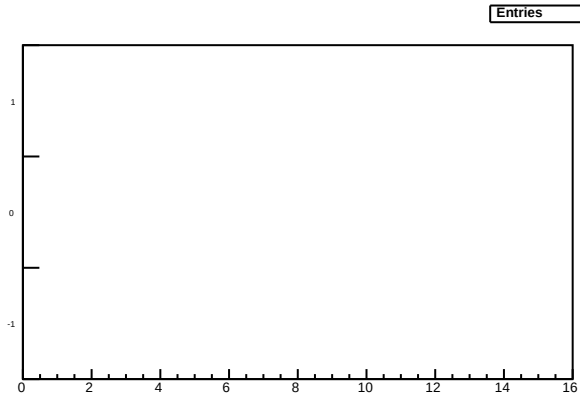
Unused (ch7)