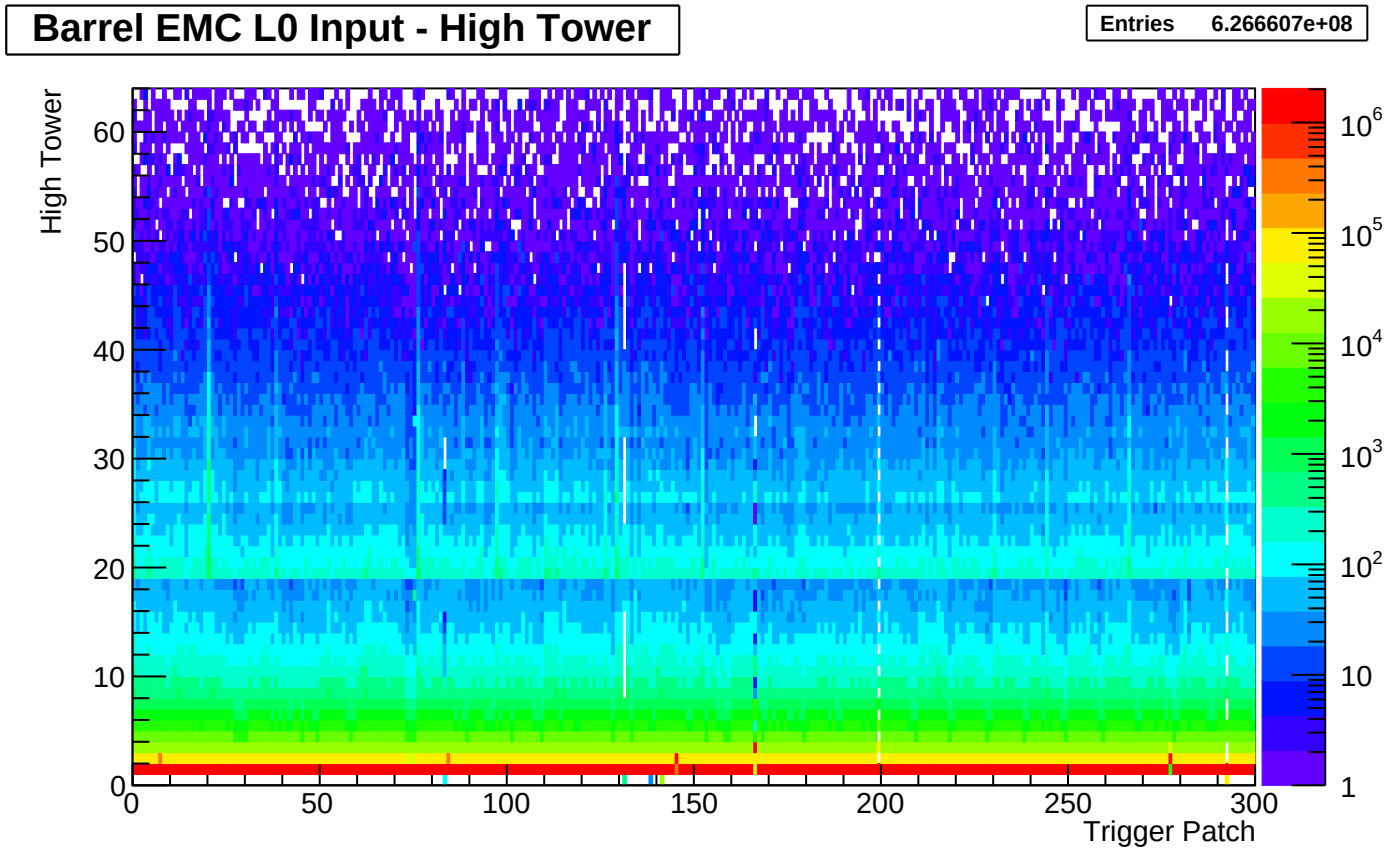
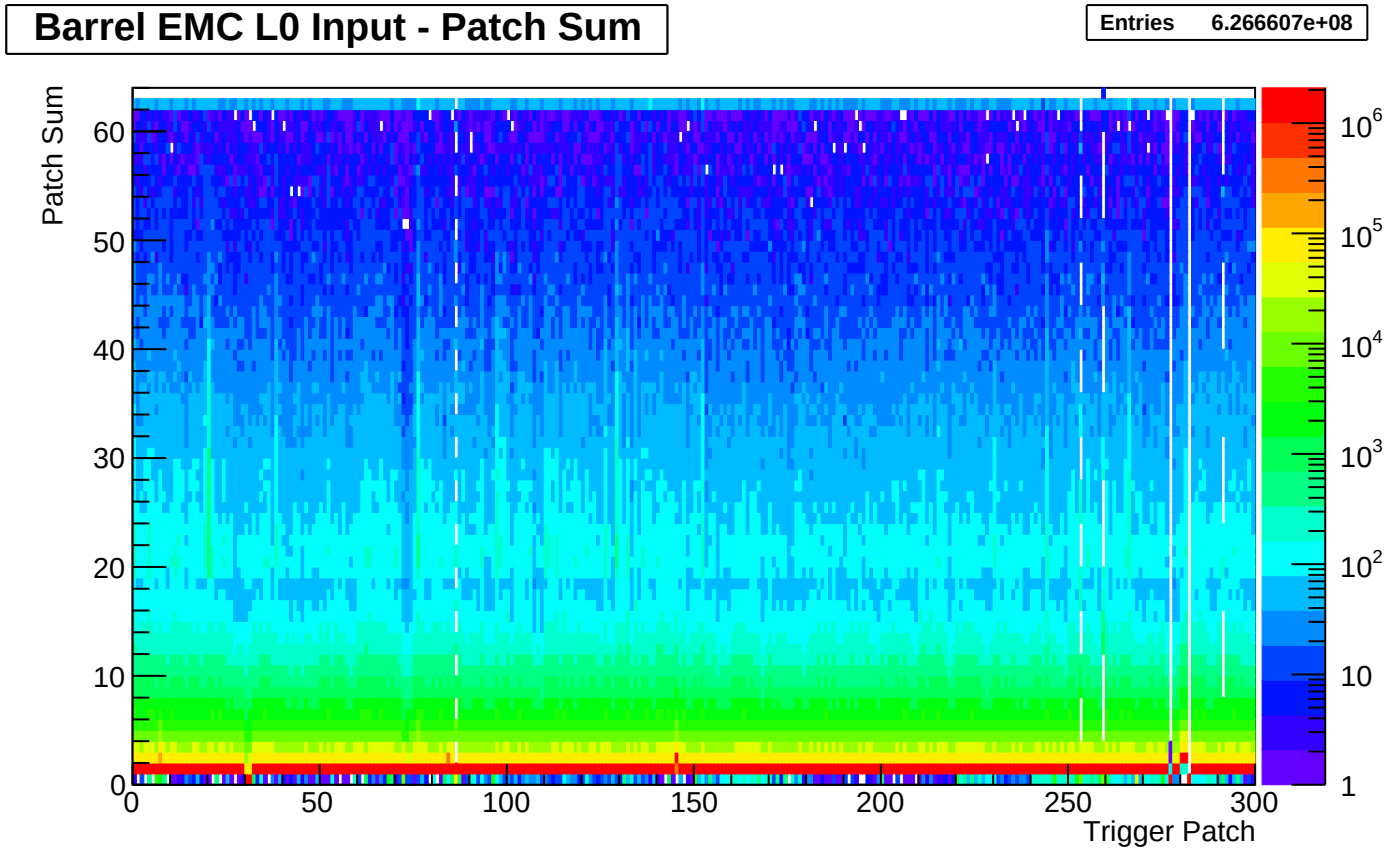
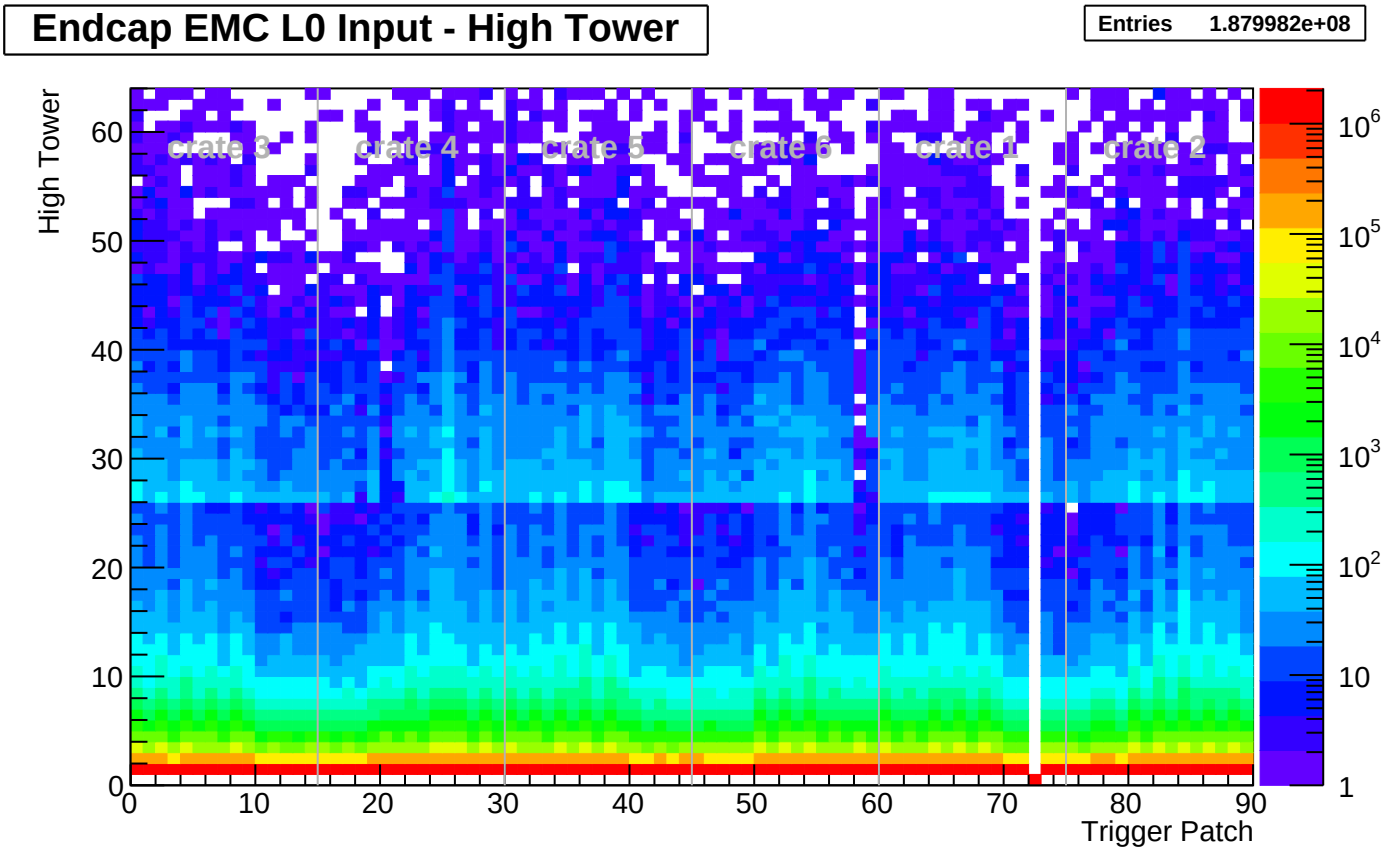
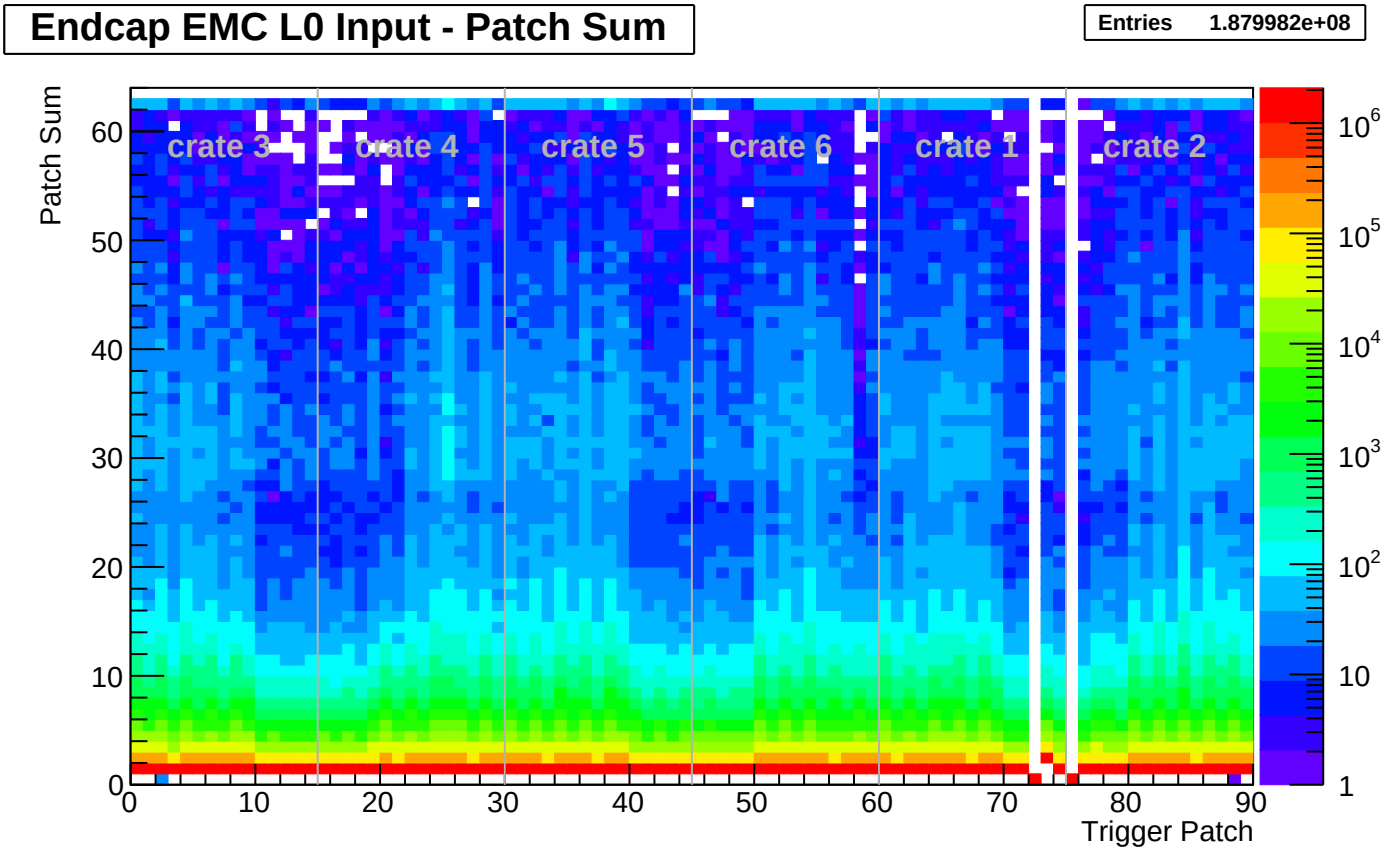
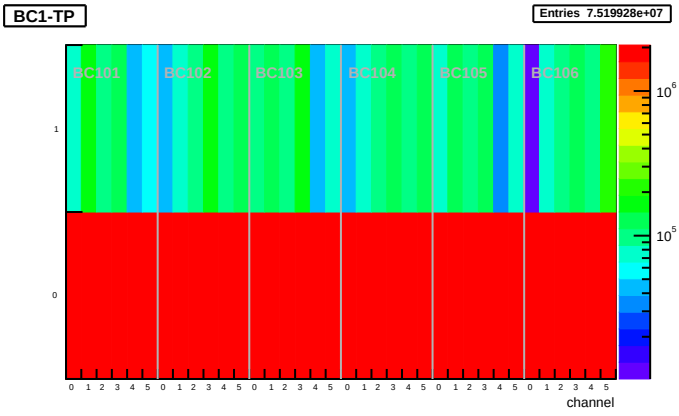
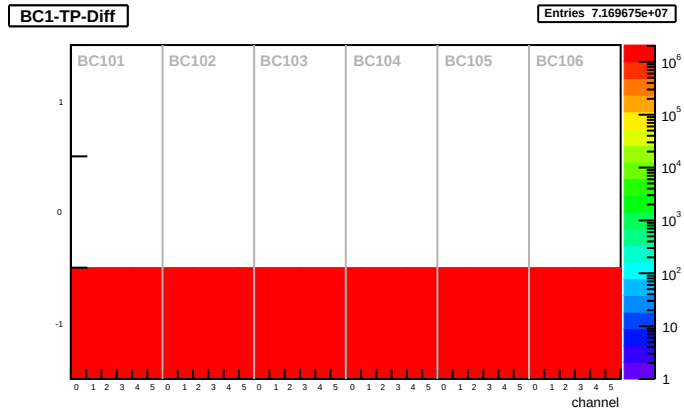

Barrel EMC L0 Input - High Tower
Entries 6.266607e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

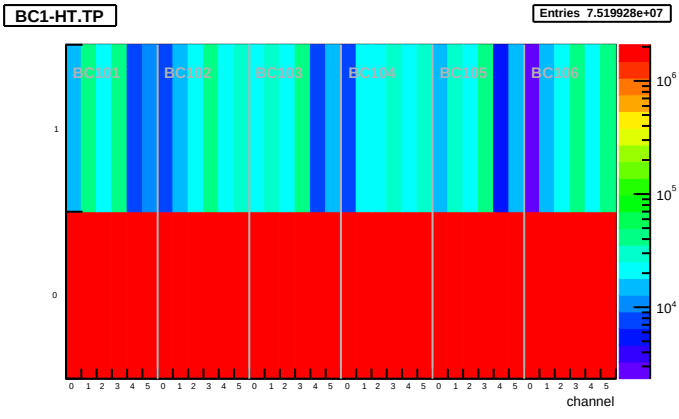

Barrel EMC L0 Input - Patch Sum
Entries 6.266607e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

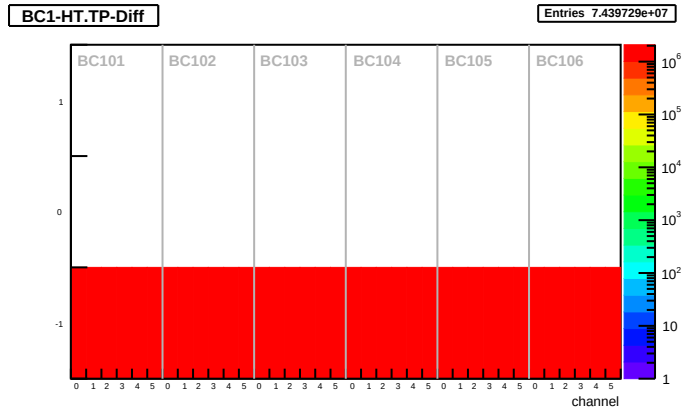

Endcap EMC L0 Input - High Tower
Entries 1.879982e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

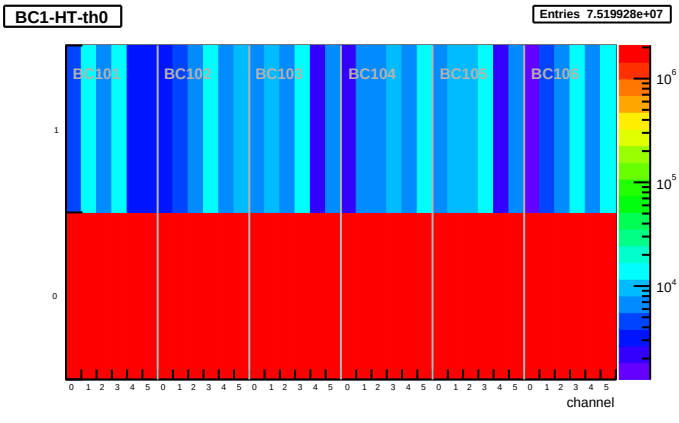

Endcap EMC L0 Input - Patch Sum
Entries 1.879982e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

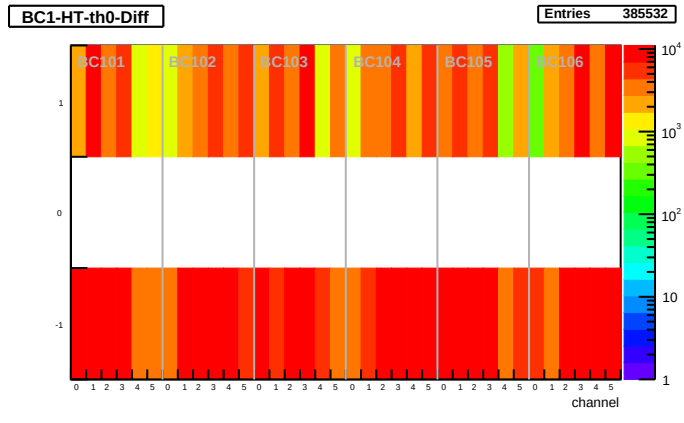

BC1-TP
Entries 7.519928e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

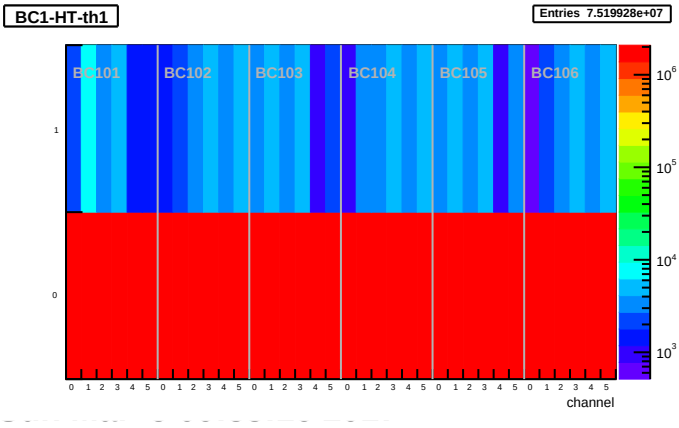

BC1-TP-Diff
Entries 7.169675e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

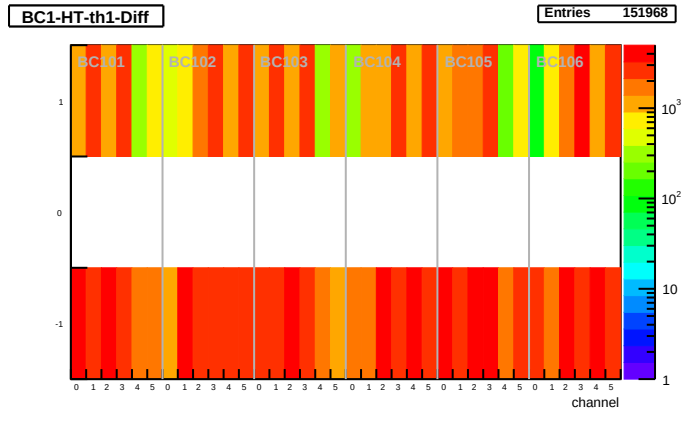

BC1-HT.TP
Entries 7.519928e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

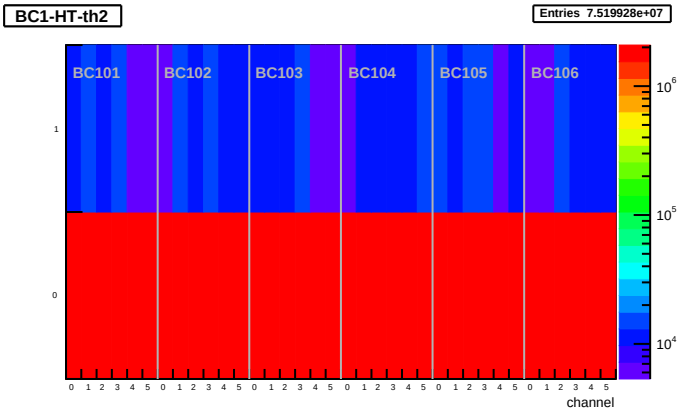

BC1-HT.TP-Diff
Entries 7.439729e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

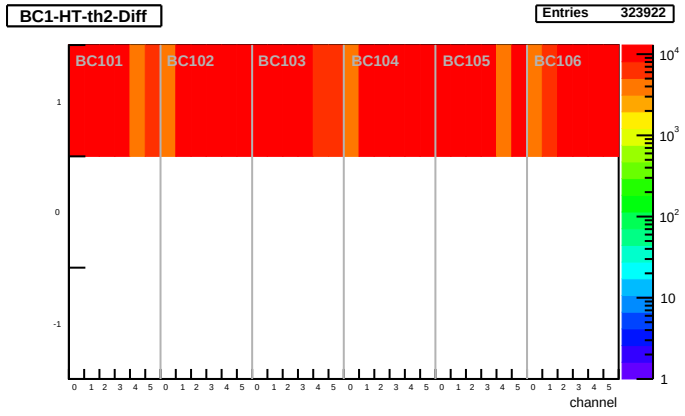

BC1-HT-th0
Entries 7.519928e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

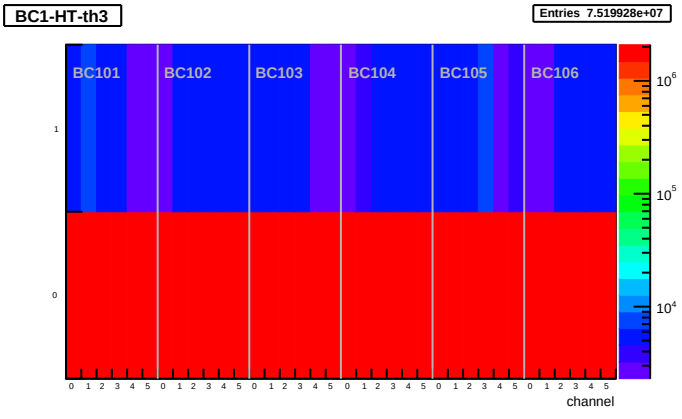

BC1-HT-th0-Diff
Entries 385532
BC101
BC102
BC103
BC104
BC105
BC106
channel

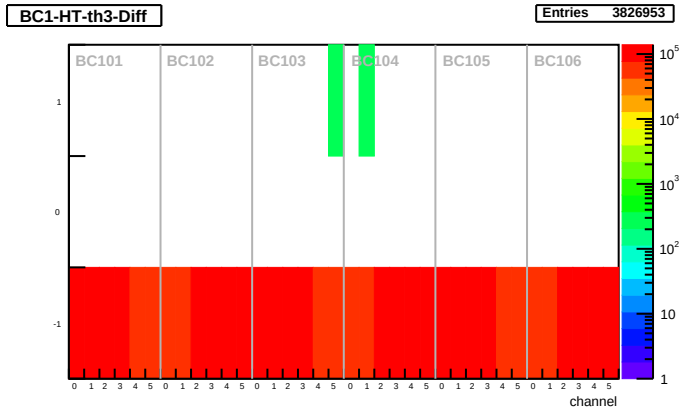

BC1-HT-th1
Entries 7.519928e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

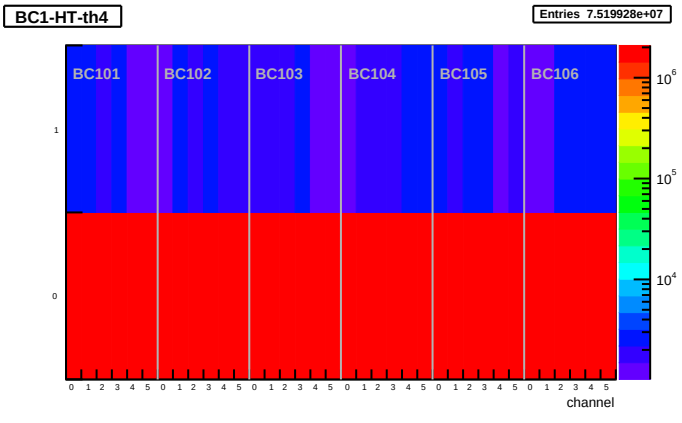

BC1-HT-th1-Diff
Entries 151968
BC101
BC102
BC103
BC104
BC105
BC106
channel

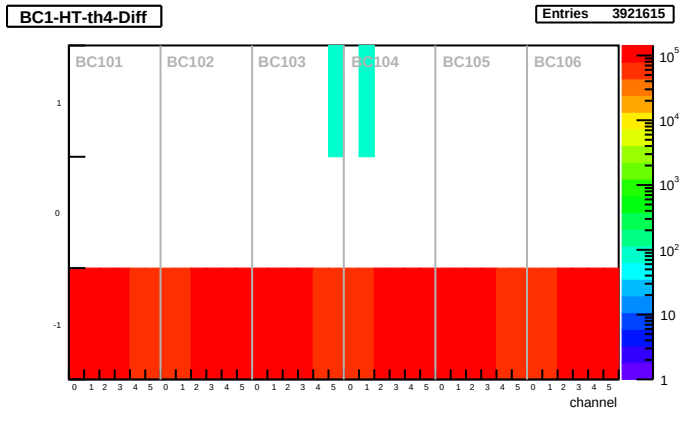

BC1-HT-th2
Entries 7.519928e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

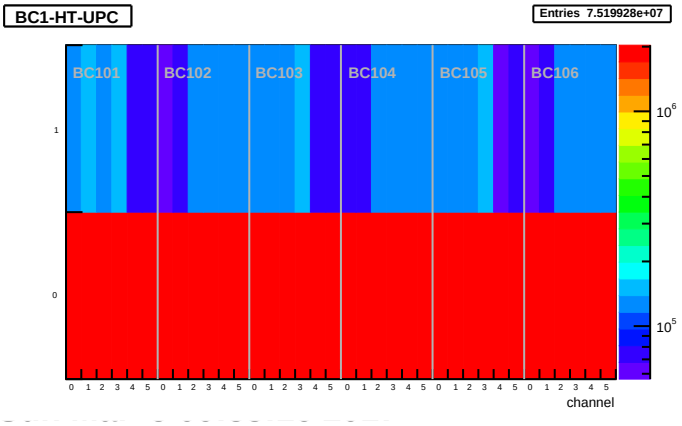

BC1-HT-th2-Diff
Entries 323922
BC101
BC102
BC103
BC104
BC105
BC106
channel

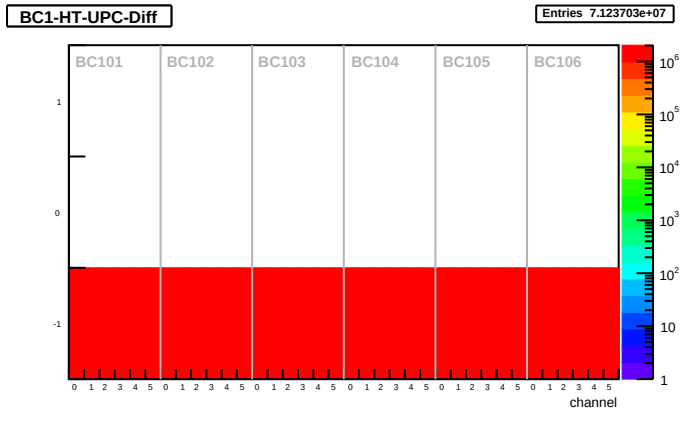

BC1-HT-th3
Entries 7.519928e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

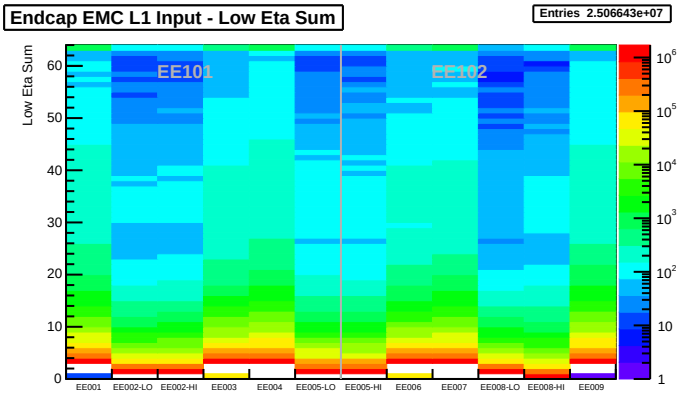

BC1-HT-th3-Diff
Entries 3826953
BC101
BC102
BC103
BC104
BC105
BC106
channel

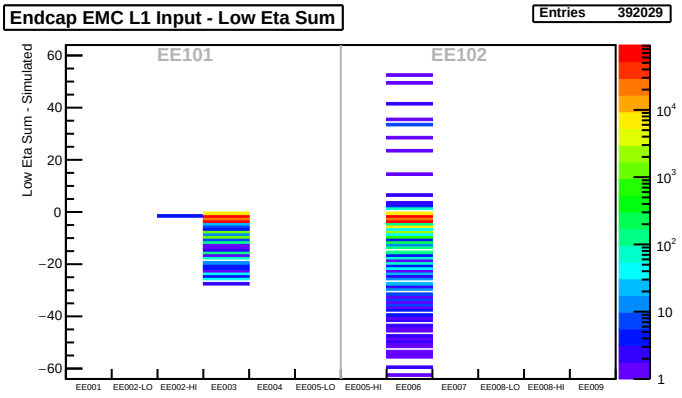

BC1-HT-th4
Entries 7.519928e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

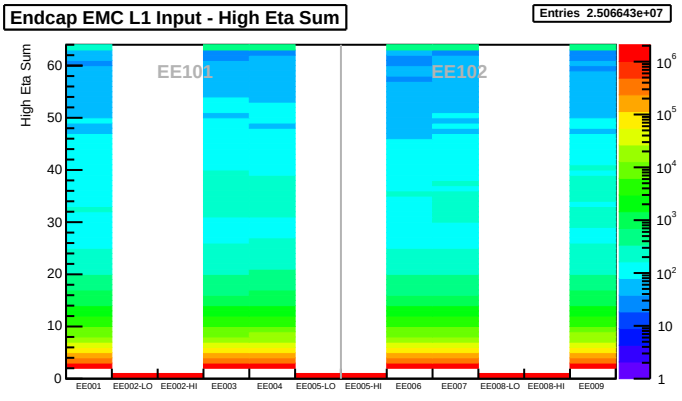

BC1-HT-th4-Diff
Entries 3921615
BC101
BC102
BC103
BC104
BC105
BC106
channel

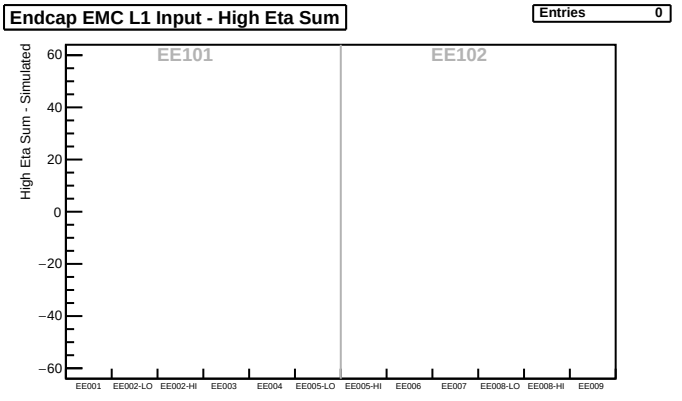

BC1-HT-UPC
Entries 7.519928e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

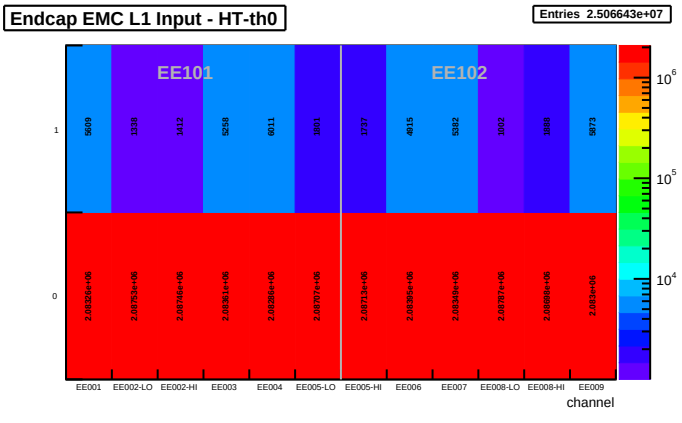

BC1-HT-UPC-Diff
Entries 7.123703e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

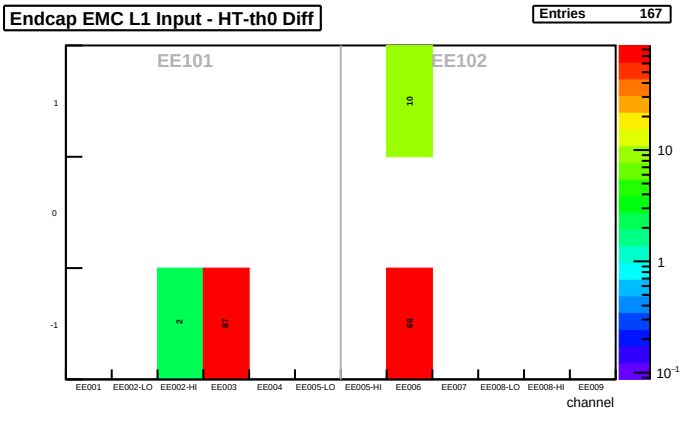

Endcap EMC L1 Input - Low Eta Sum
Entries 2.506643e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

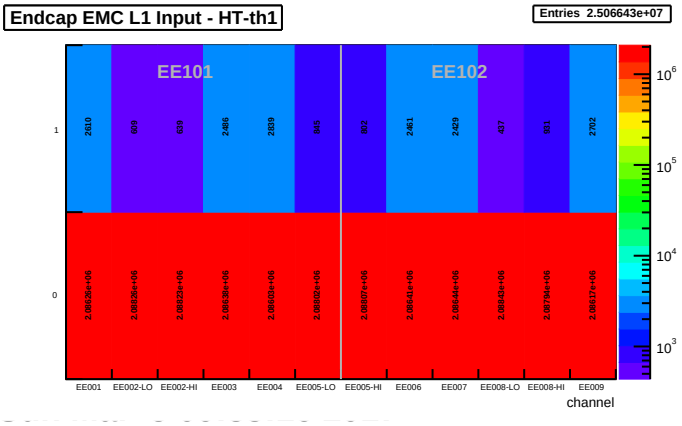

Endcap EMC L1 Input - Low Eta Sum
Entries 392029
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

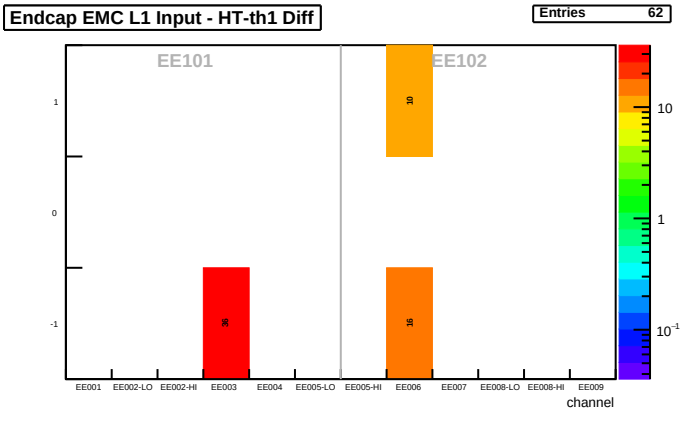

Endcap EMC L1 Input - High Eta Sum
Entries 2.506643e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

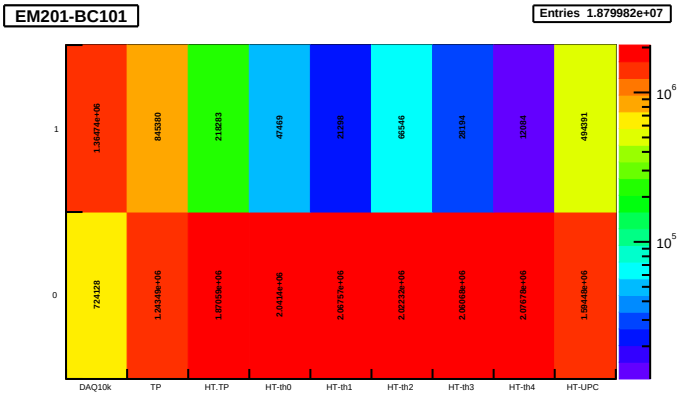

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

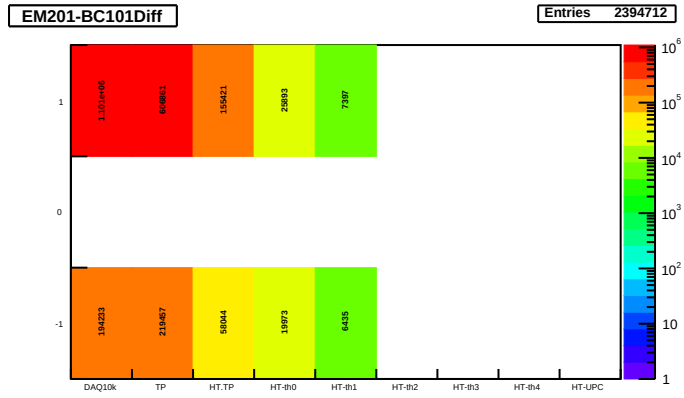

Endcap EMC L1 Input - HT-th0
Entries 2.506643e+07
EE101
EE102
5609 1338 1412 5258 6011 1601 1737 4915 5382 1022 1688 5873
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

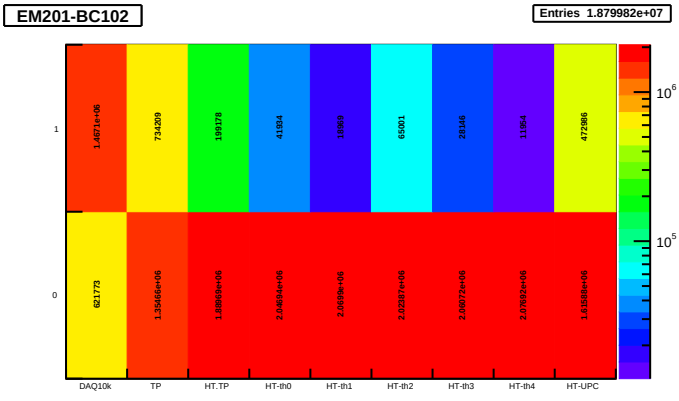

Endcap EMC L1 Input - HT-th0 Diff
Entries 167
EE101
EE102
10
2
87
68
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

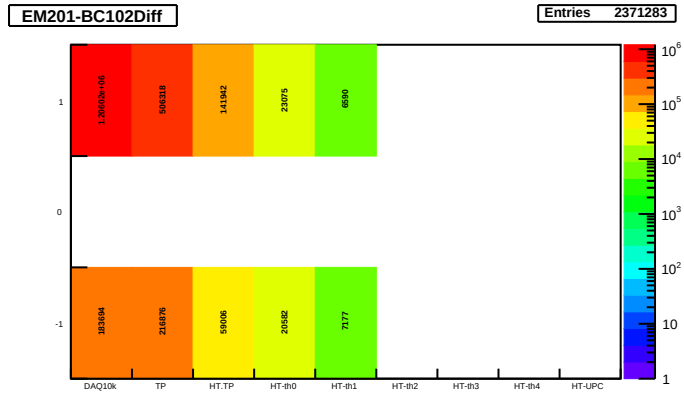

Endcap EMC L1 Input - HT-th1
Entries 2.506643e+07
EE101
EE102
2610 699 639 2486 2839 945 802 2461 2429 437 631 2702
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

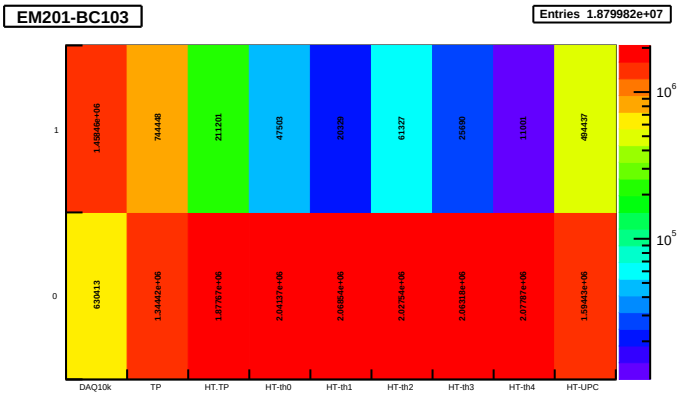

Endcap EMC L1 Input - HT-th1 Diff
Entries 62
EE101
EE102
10
36
16
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

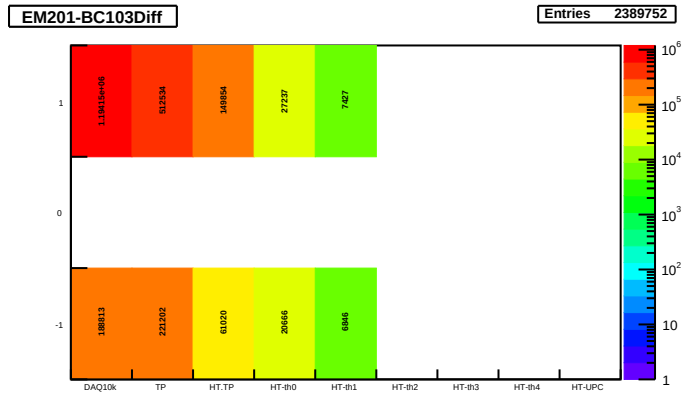

EM201-BC101
Entries 1.879982e+07
1.35474e+06
845380
218283
47469
21298
66546
28194
12034
494391
724128
1.24348e+06
1.87059e+06
2.04184e+06
2.06757e+06
2.02232e+06
2.00669e+06
2.07678e+06
1.58448e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

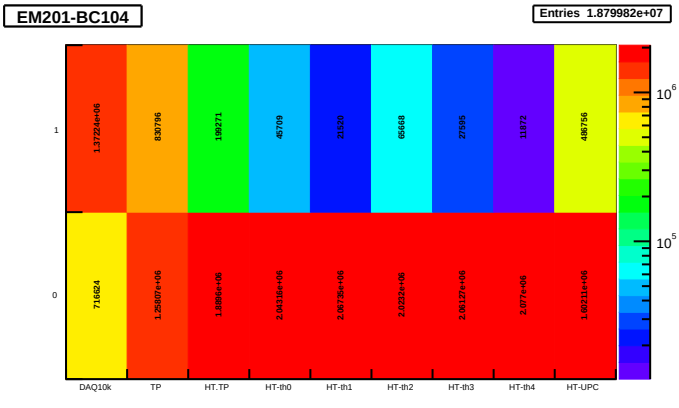

EM201-BC101Diff
Entries 2394712
1.101e+06
606861
155421
29893
7397
194233
219467
58044
19973
6435
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

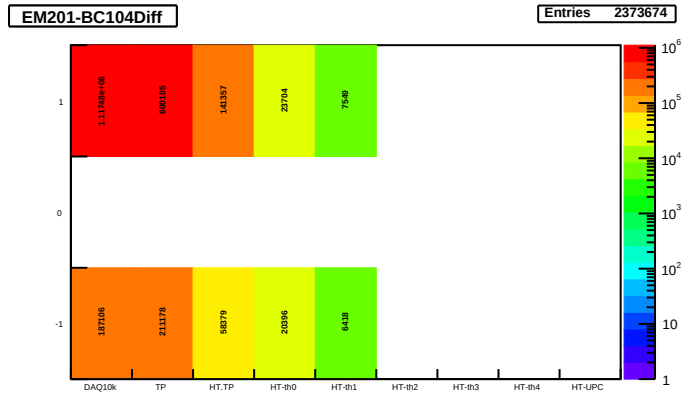

EM201-BC102
Entries 1.879982e+07
1.4671e+06
734209
199178
41934
16969
65001
23146
11954
472986
621773
1.35466e+06
1.88969e+06
2.04944e+06
2.0699e+06
2.02307e+06
2.00772e+06
2.07692e+06
1.61938e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

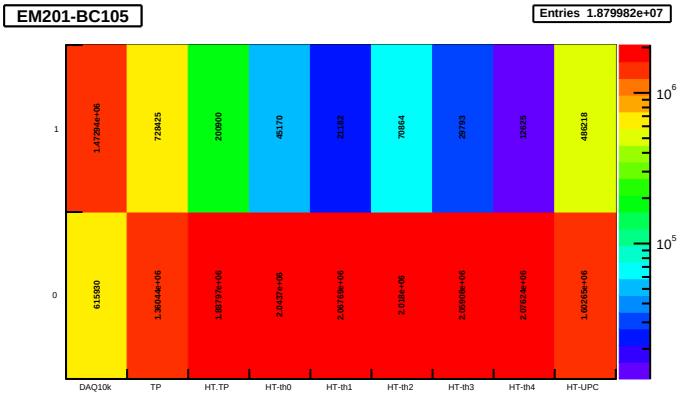

EM201-BC102Diff
Entries 2371283
1.20602e+06
506318
141942
23075
6590
193694
216876
59006
20582
7177
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

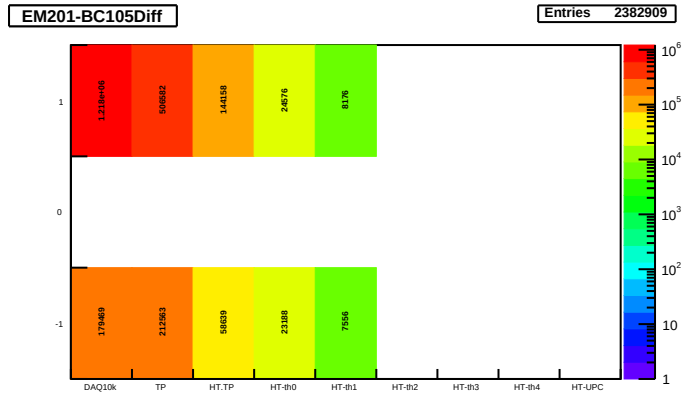

EM201-BC103
Entries 1.879982e+07
1.43848e+06
744448
211201
47503
20239
61327
25830
11001
494437
639413
1.34442e+06
1.87787e+06
2.04137e+06
2.06884e+06
2.02754e+06
2.06318e+06
2.07787e+06
1.59443e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

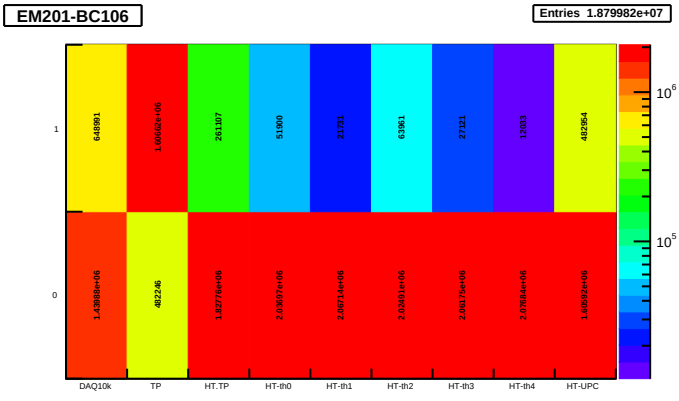

EM201-BC103Diff
Entries 2389752
1.19415e+06
512534
149854
27237
7427
188813
222202
61020
20666
6946
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

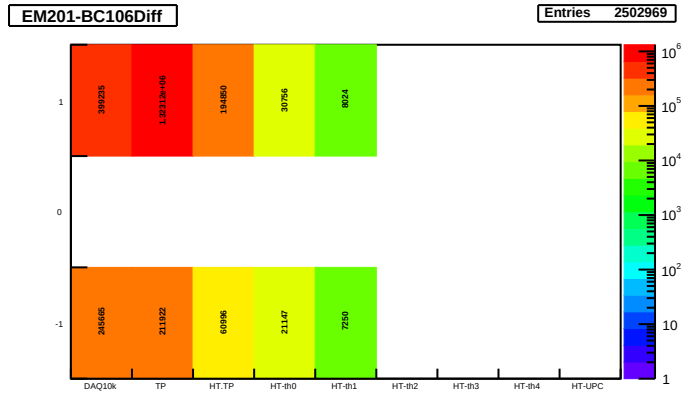

EM201-BC104
Entries 1.879982e+07
1.37224e+06
830796
192271
45709
21520
65668
27595
11872
486756
716624
1.25807e+06
1.8896e+06
2.04318e+06
2.06735e+06
2.0232e+06
2.06127e+06
2.077e+06
1.60211e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

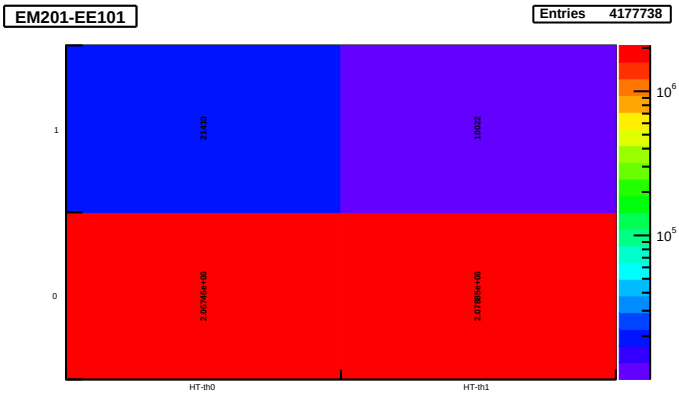

EM201-BC104Diff
Entries 2373674
1.11748e+06
600105
141357
22704
7549
187106
211178
53879
20396
6438
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

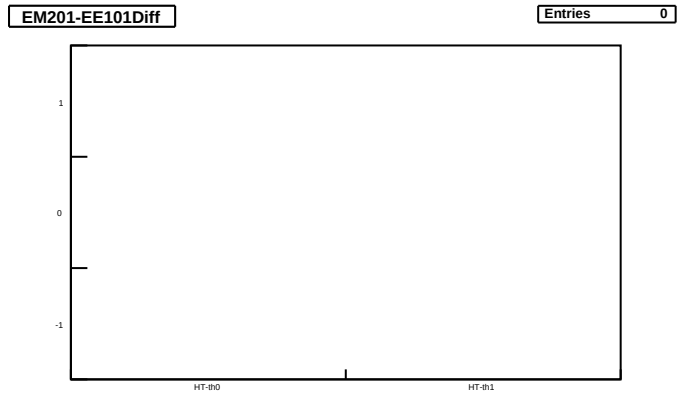

EM201-BC105
Entries 1.879982e+07
1.47284e+06
729425
200900
45170
21132
70864
25753
12625
486218
615800
1.36044e+06
1.88797e+06
2.04437e+06
2.06769e+06
2.039e+06
2.05909e+06
2.07624e+06
1.80265e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

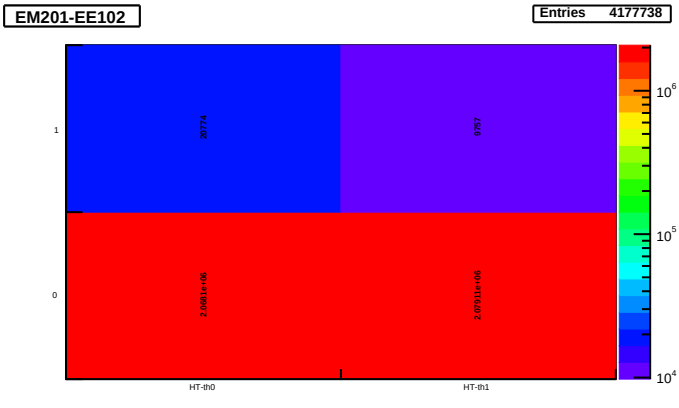

EM201-BC105Diff
Entries 2382909
1.218e+06
506682
144158
24676
8176
179469
212563
58639
23188
7556
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

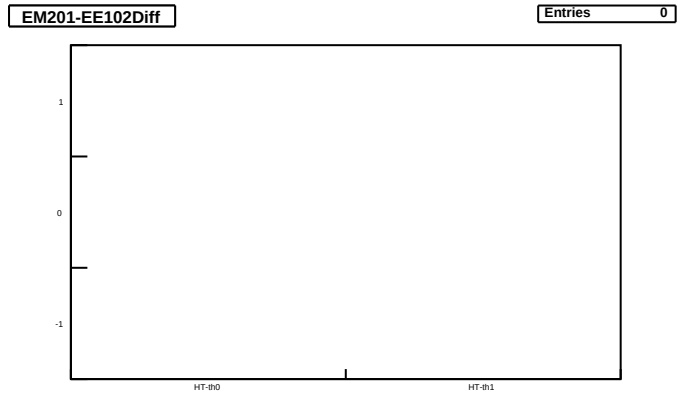

EM201-BC106
Entries 1.879982e+07
648991
1.08652e+06
261107
51900
21721
63961
27721
12033
482964
1.43988e+06
482246
1.82776e+06
2.03697e+06
2.06714e+06
2.03931e+06
2.06175e+06
2.07564e+06
1.60932e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

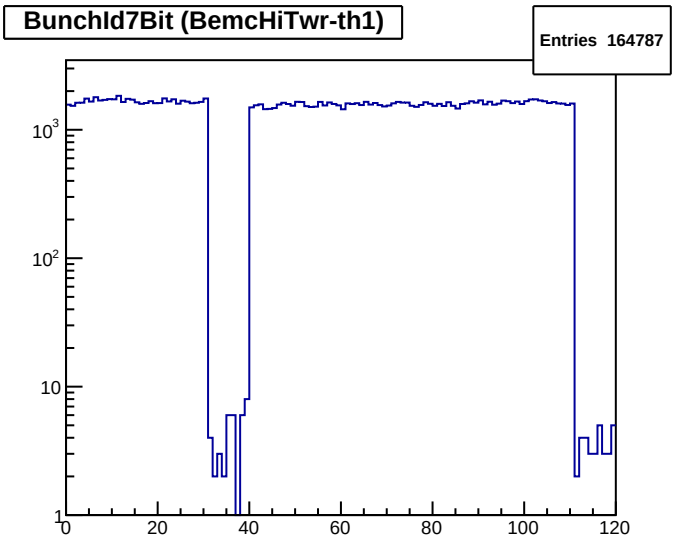

EM201-BC106Diff
Entries 2502969
399235
1.23112e+06
194850
30756
8024
245665
211922
60996
21147
7250
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

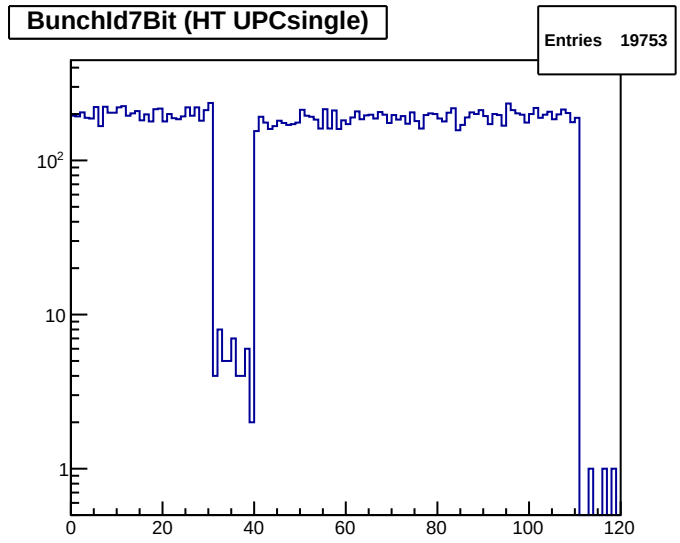

EM201-EE101
Entries 4177738
21110
10322
2.06746e+06
2.07854e+06
HT-th0
HT-th1

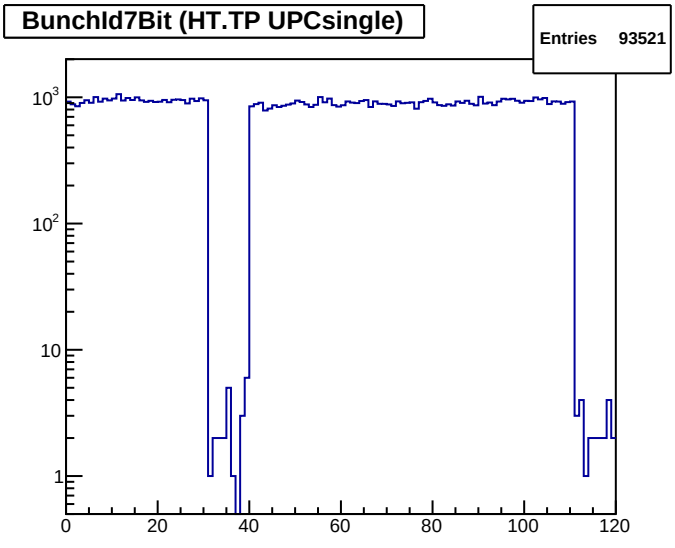

EM201-EE101Diff
Entries 0
HT-th0
HT-th1

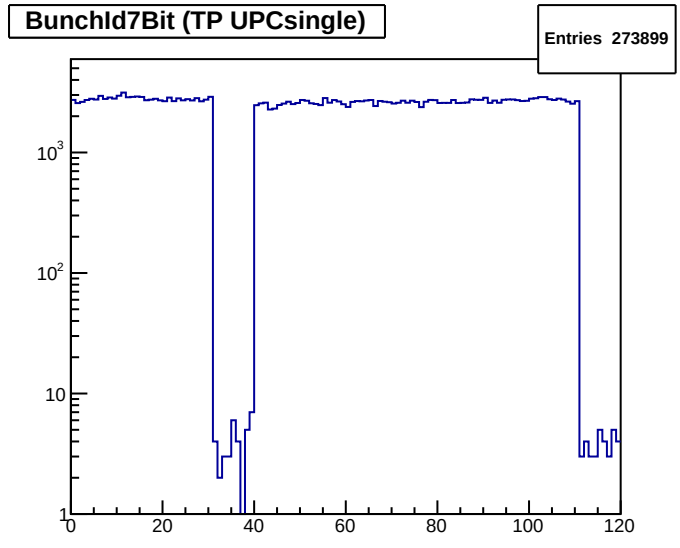

EM201-EE102
Entries 4177738
20774
9757
2.0931e+06
2.07911e+06
HT-th0
HT-th1

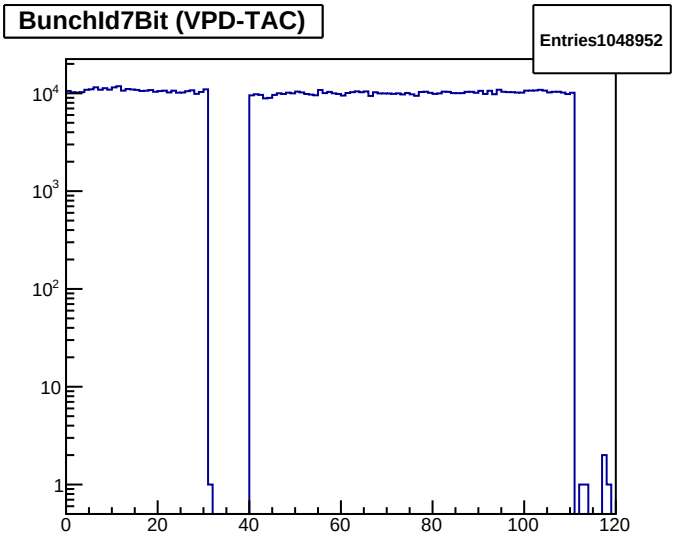

EM201-EE102Diff
Entries 0
HT-th0
HT-th1

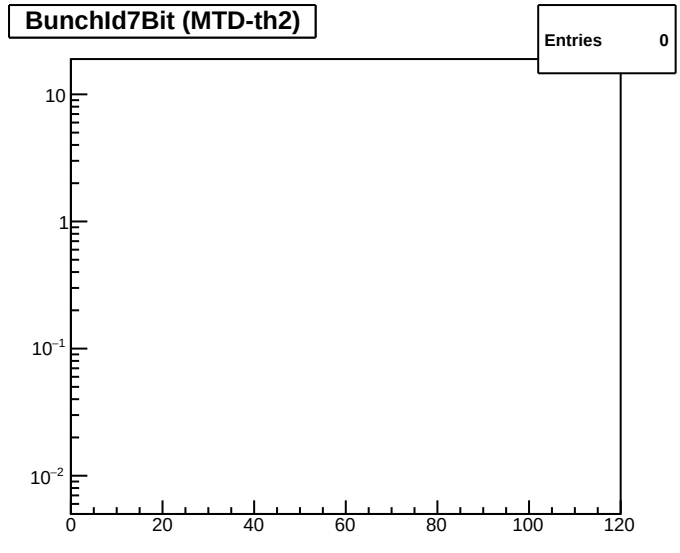

BunchId7Bit (BemcHiTwr-th1)
Entries 164787

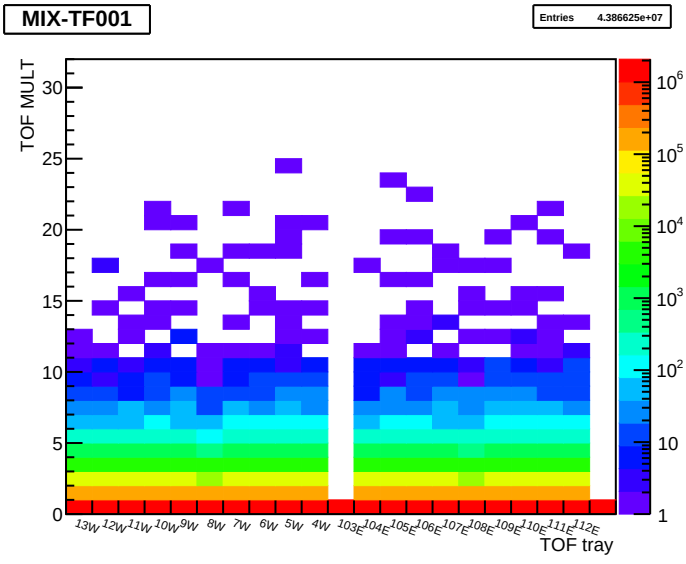

BunchId7Bit (HT UPCsingle)
Entries 19753

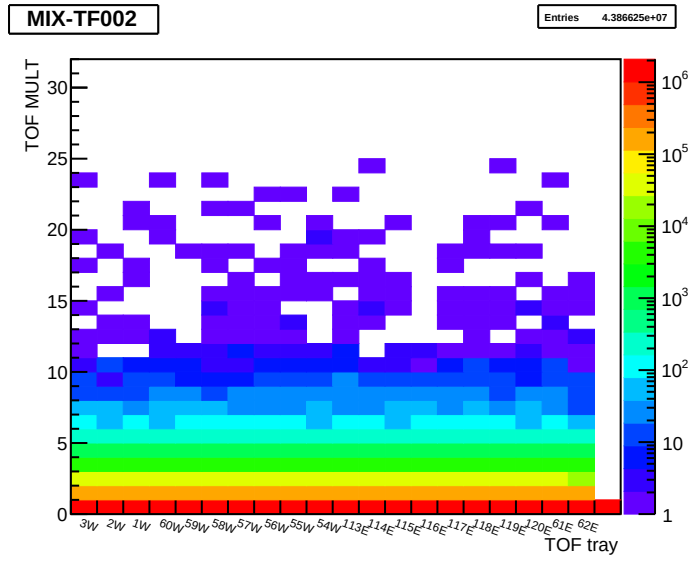

BunchId7Bit (HT.TP UPCsingle)
Entries 93521

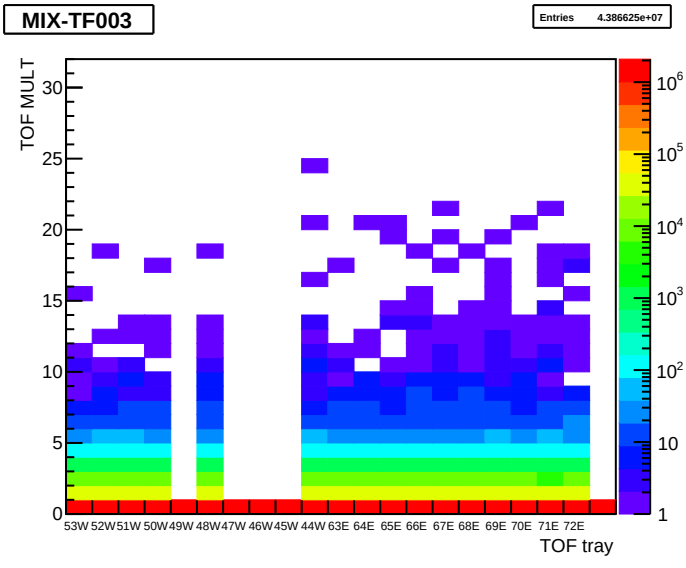

BunchId7Bit (TP UPCsingle)
Entries 273899

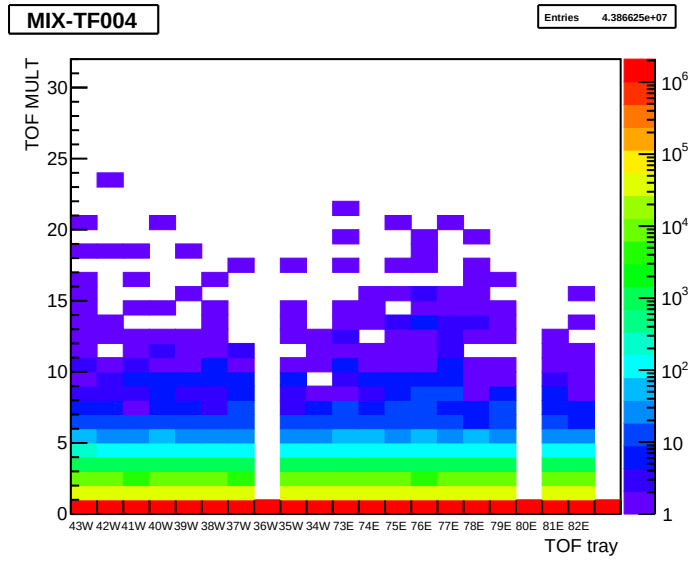

BunchId7Bit (VPD-TAC)
Entries1048952

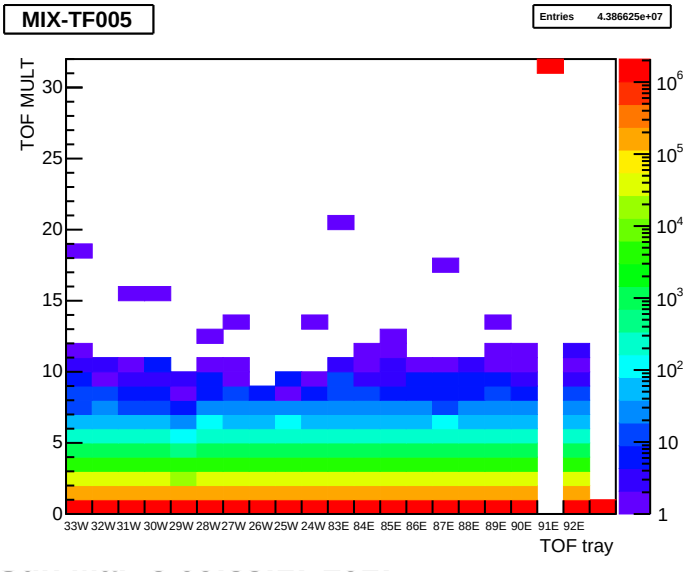

BunchId7Bit (MTD-th2)
Entries 0

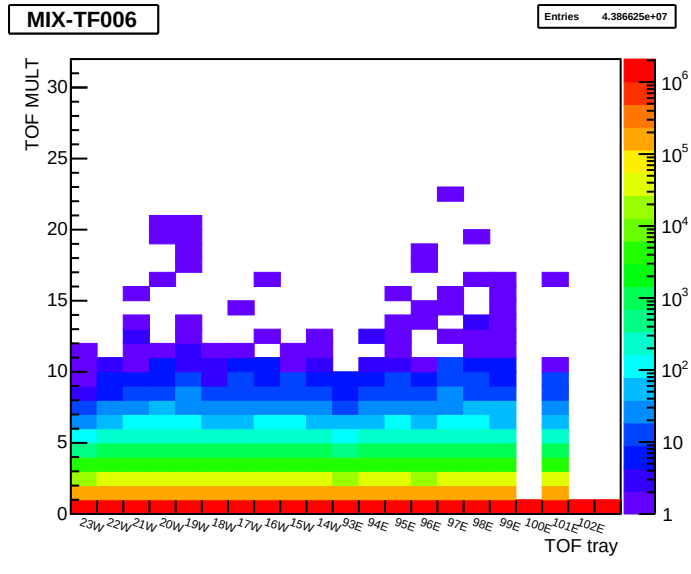

MIX-TF001
Entries 4.386625e+07
TOF MULT
TOF tray

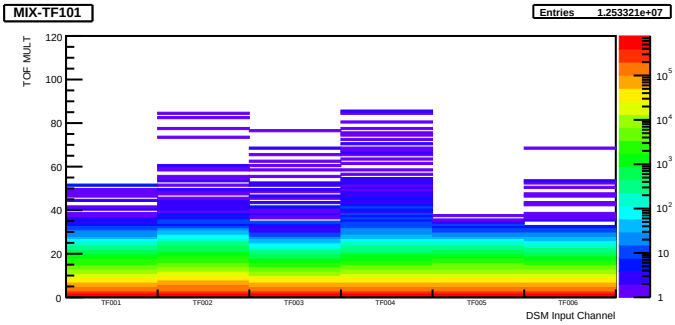

MIX-TF002
Entries 4.386625e+07
TOF MULT
TOF tray

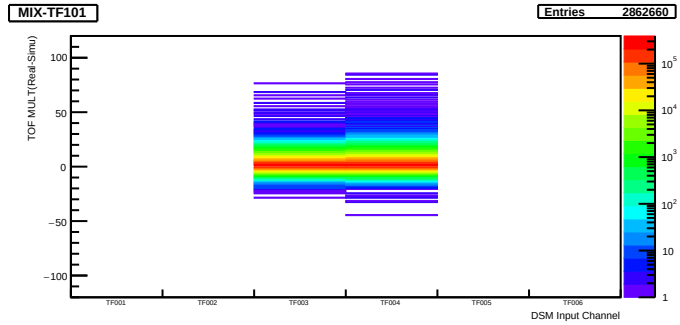

MIX-TF003
Entries 4.386625e+07
TOF MULT
TOF tray

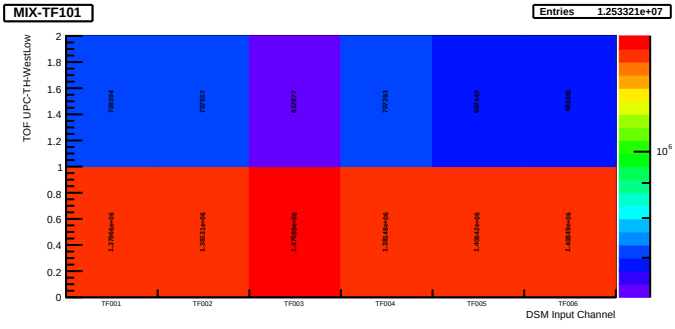

MIX-TF004
Entries 4.386625e+07
TOF MULT
TOF tray

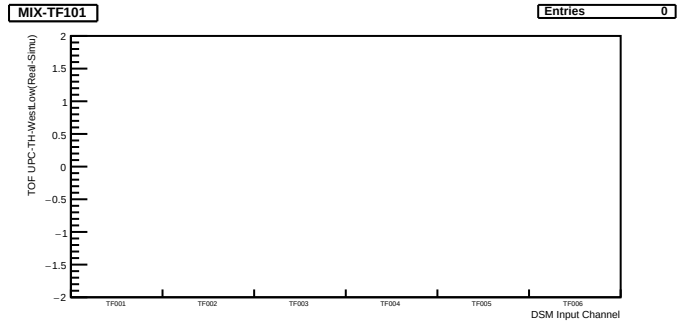

MIX-TF005
Entries 4.386625e+07
TOF MULT
TOF tray

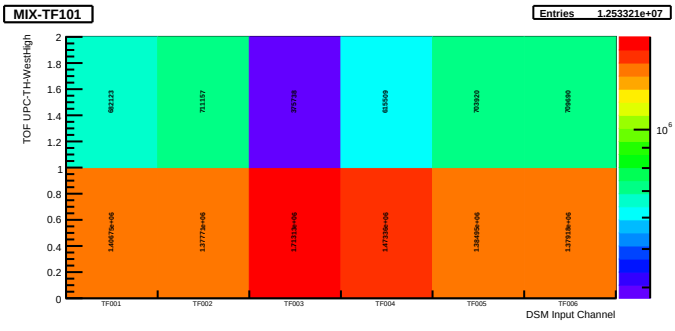

MIX-TF006
Entries 4.386625e+07
TOF MULT
TOF tray

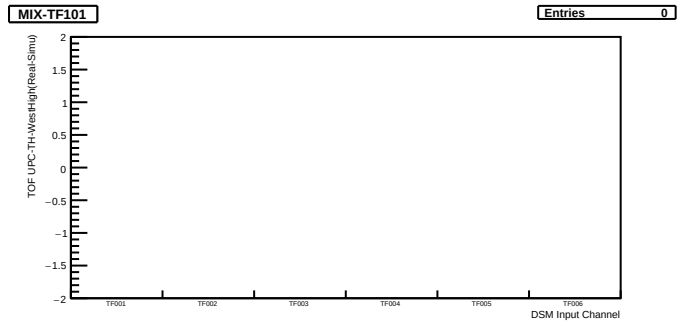

MIX-TF101
Entries 1.253321e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

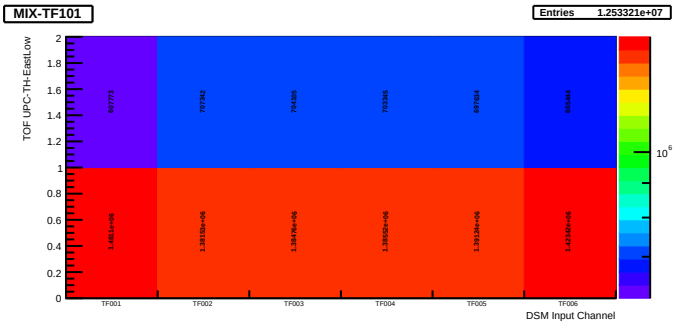

MIX-TF101
Entries 2862660
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

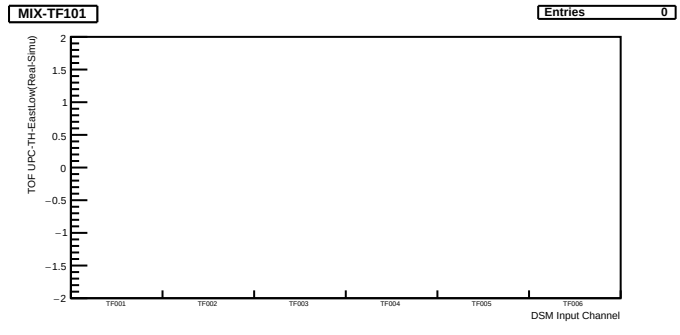

MIX-TF101
Entries 1.253321e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

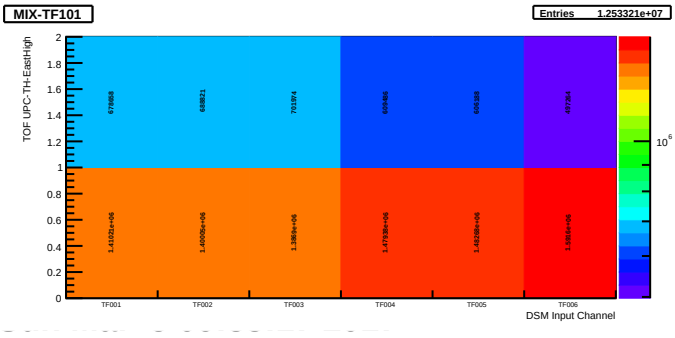

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

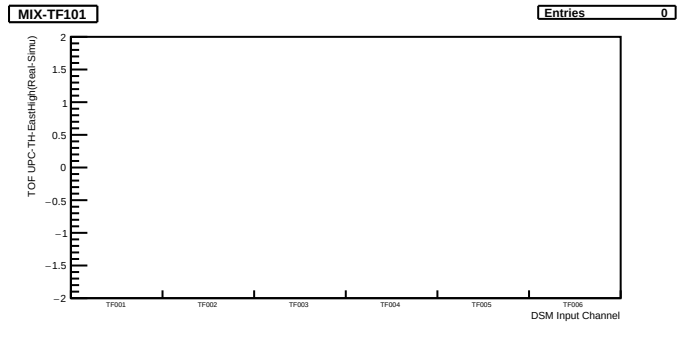

MIX-TF101
Entries 1.253321e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

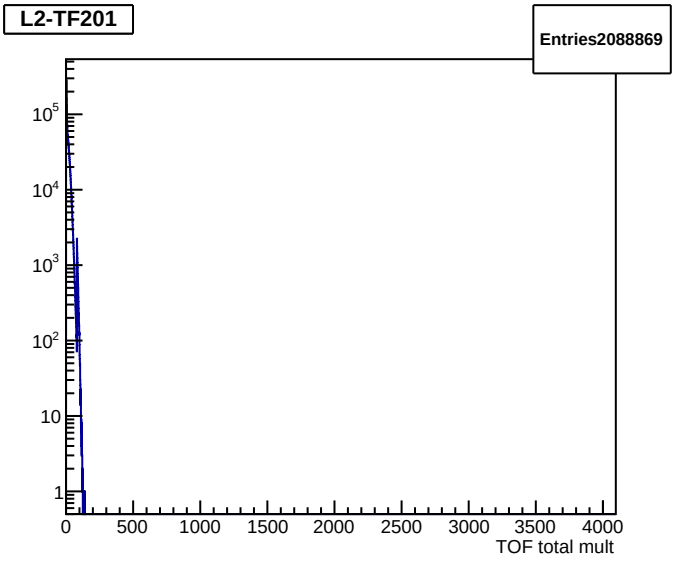

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

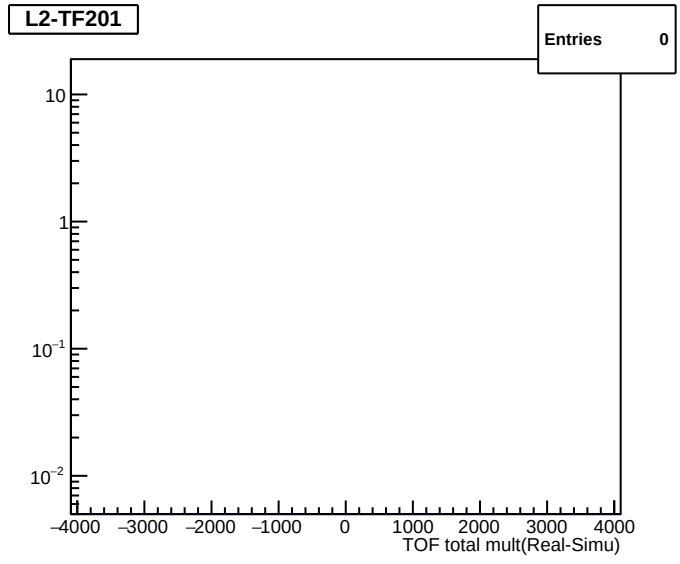

MIX-TF101
Entries 1.253321e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

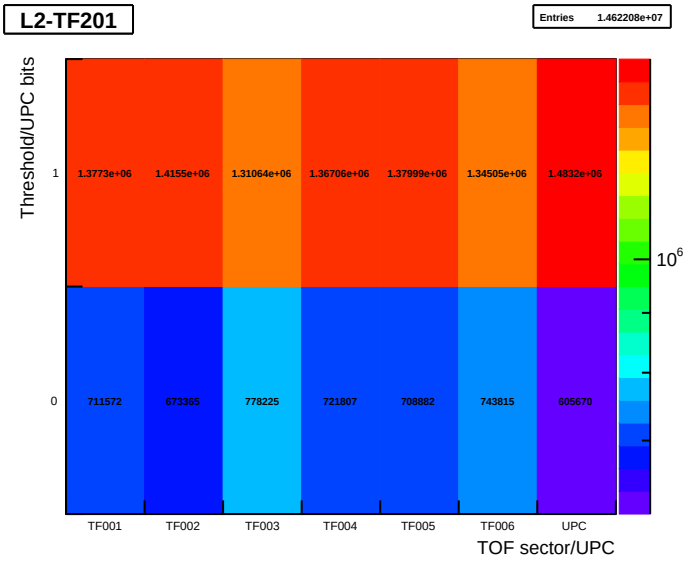

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

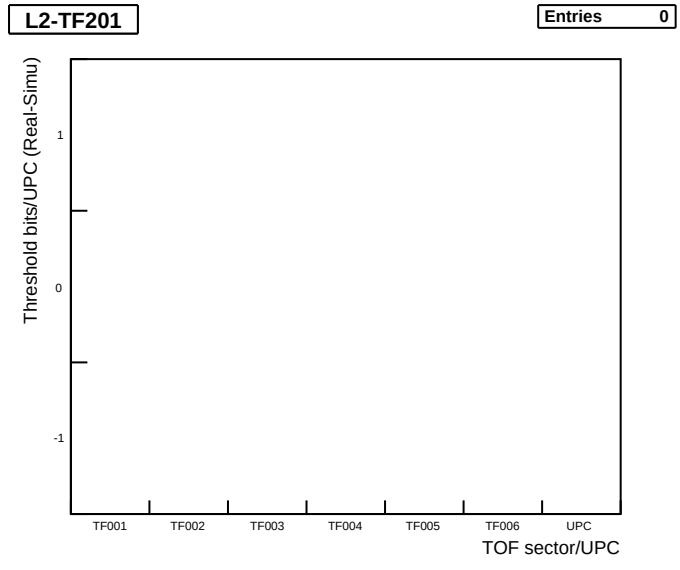

MIX-TF101
Entries 1.253321e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

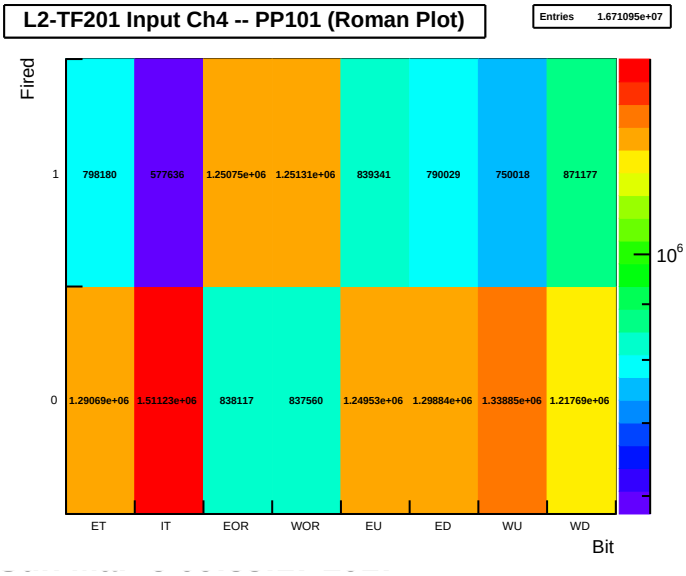

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

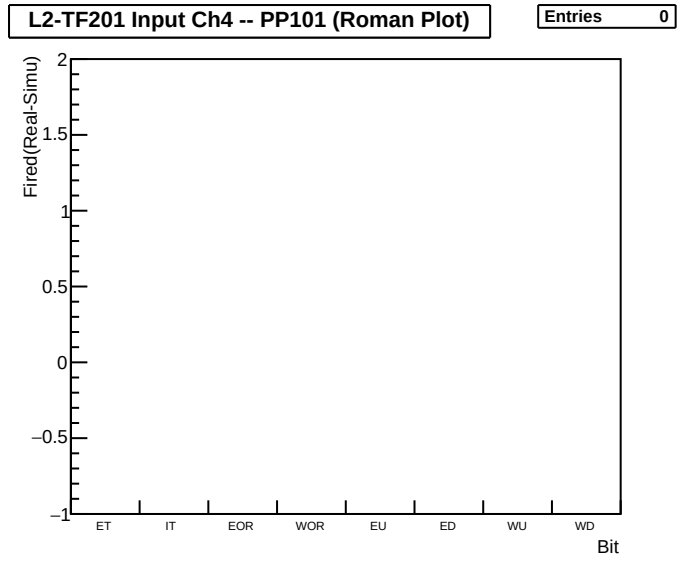

L2-TF201
Entries2088869
TOF total mult

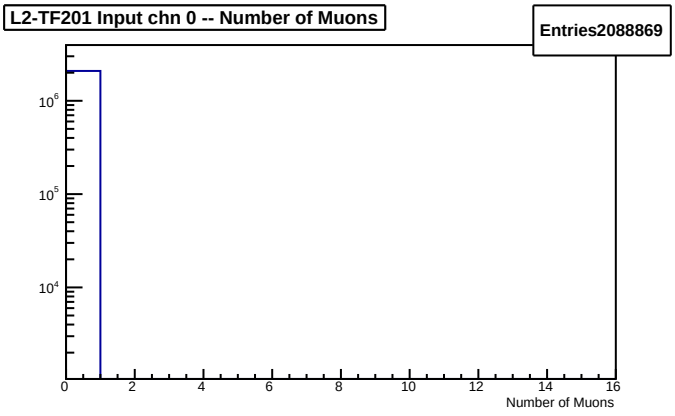

L2-TF201
Entries 0
TOF total mult(Real-Simu)

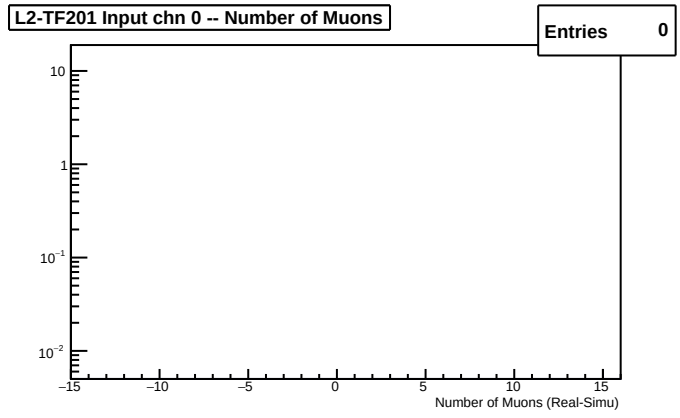

L2-TF201
Entries 1.462208e+07
Threshold/UPC bits
1.3773e+06
1.4155e+06
1.31064e+06
1.36706e+06
1.37999e+06
1.34505e+06
1.4832e+06
711572
673365
778225
721807
708882
743815
605670
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

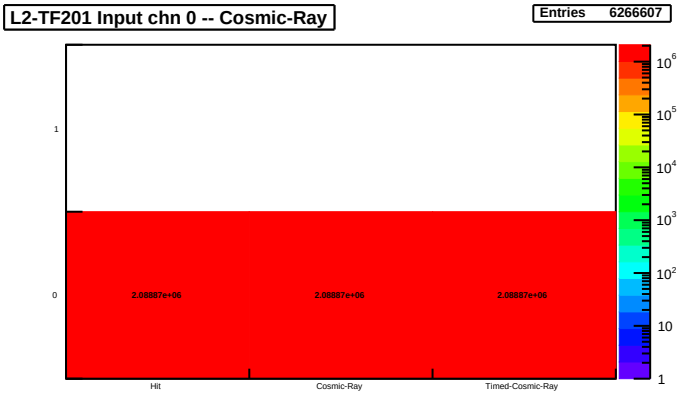

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

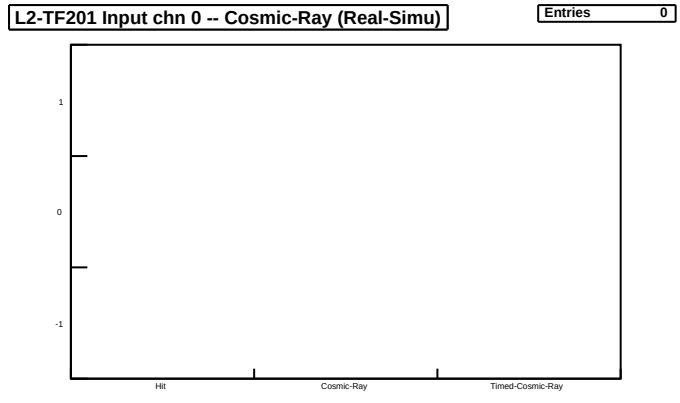

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.671095e+07
Fired
798180
577636
1.25075e+06
1.25131e+06
839341
790029
750018
871177
1.29069e+06
1.51123e+06
838117
837560
1.24953e+06
1.29884e+06
1.33885e+06
1.21769e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

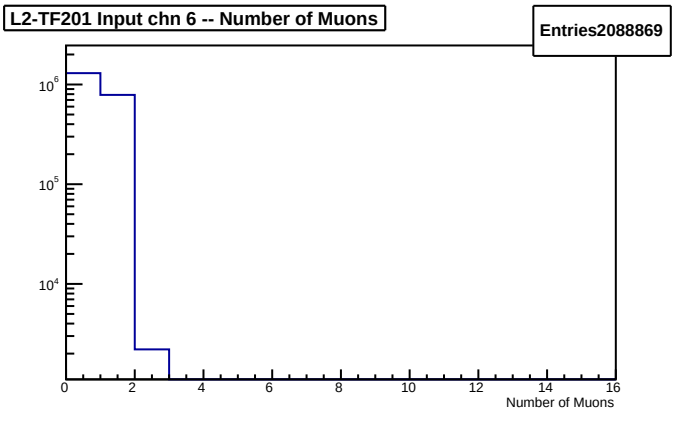

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

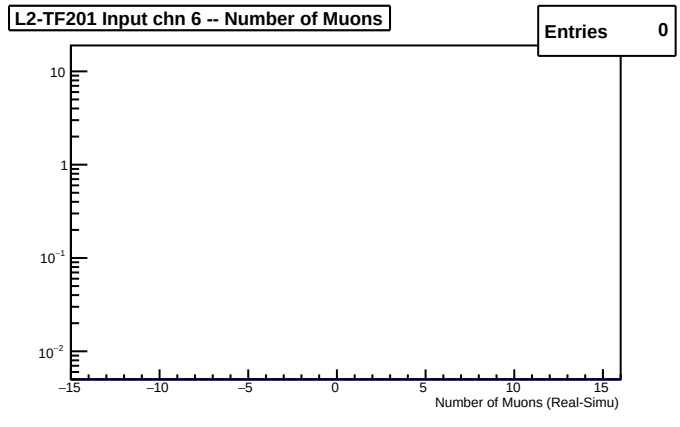

L2-TF201 Input chn 0 -- Number of Muons
Entries2088869
Number of Muons

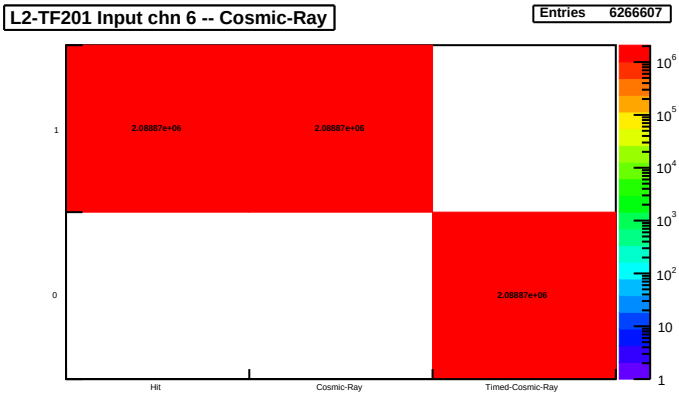

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

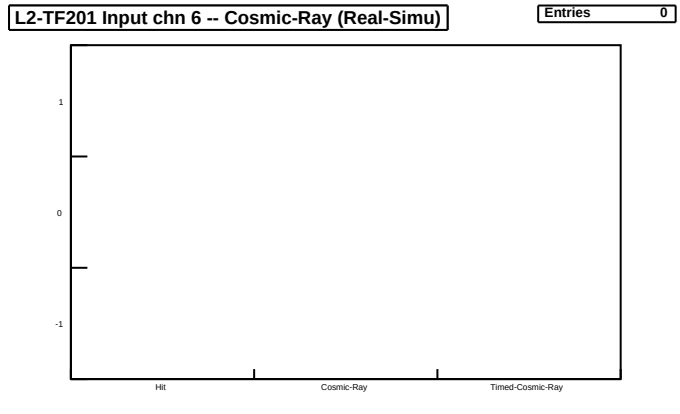

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6266607
2.08887e+06
2.08887e+06
2.08887e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

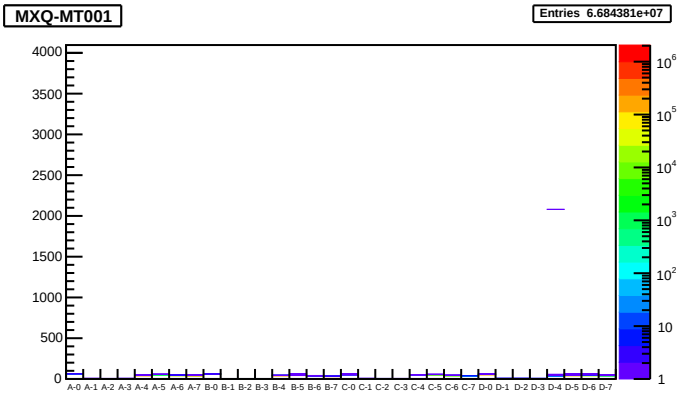

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

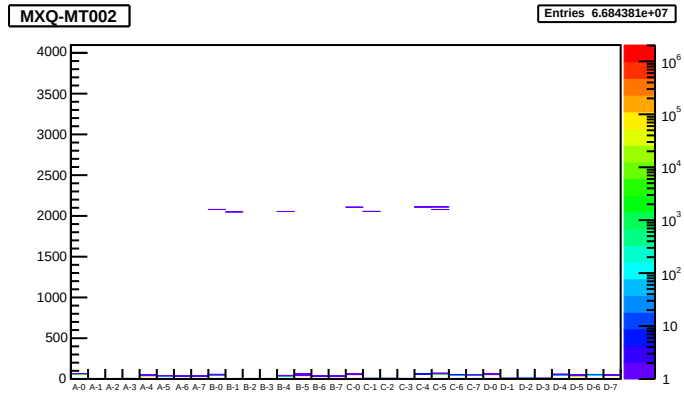

L2-TF201 Input chn 6 -- Number of Muons
Entries2088869
Number of Muons

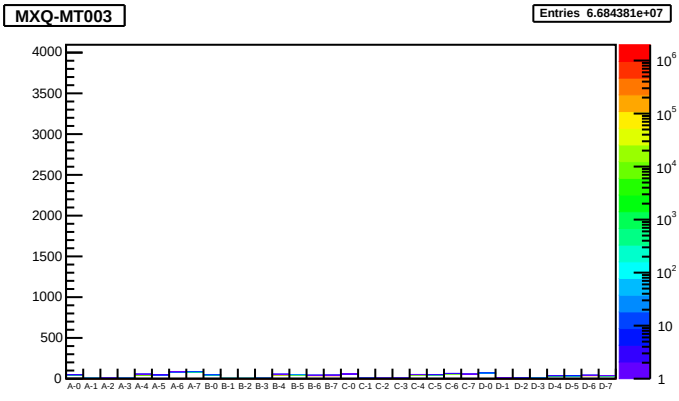

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

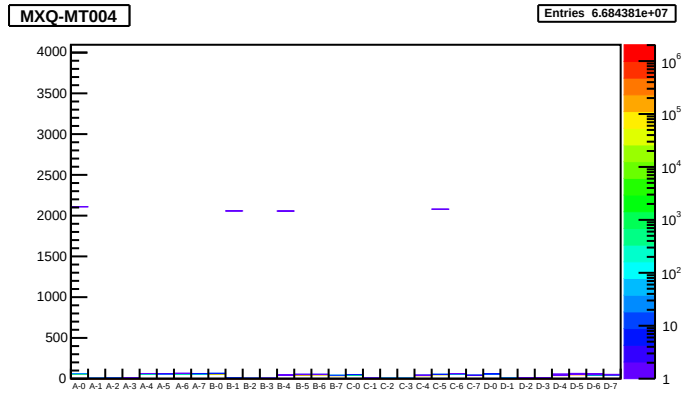

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 6266607
2.08887e+06
2.08887e+06
2.08887e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

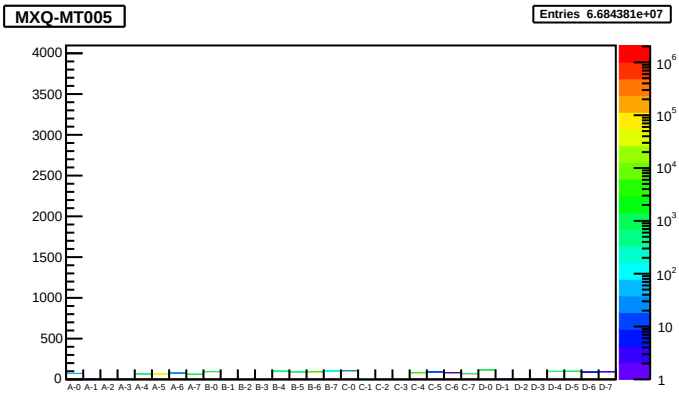

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

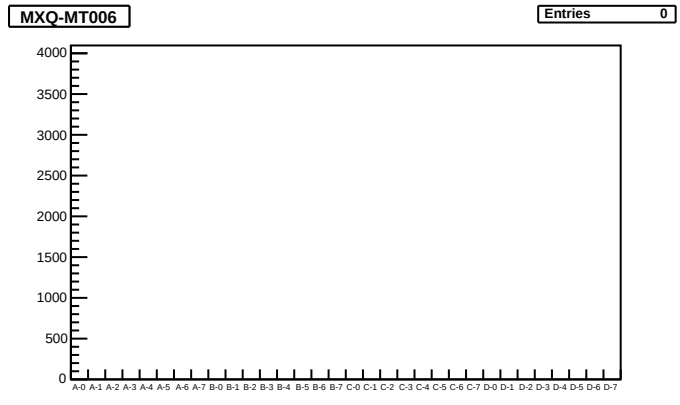

MXQ-MT001
Entries 6.684381e+07

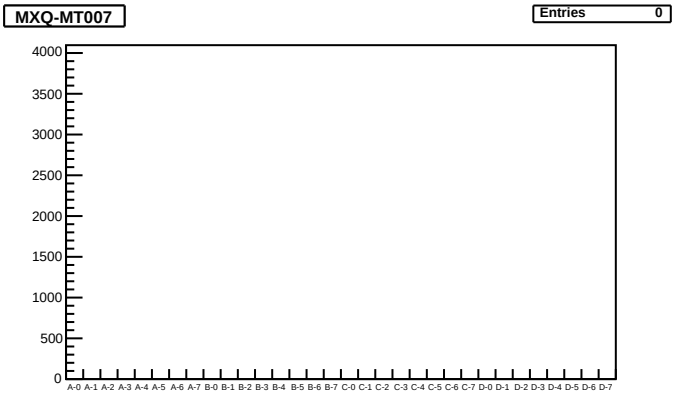

MXQ-MT002
Entries 6.684381e+07

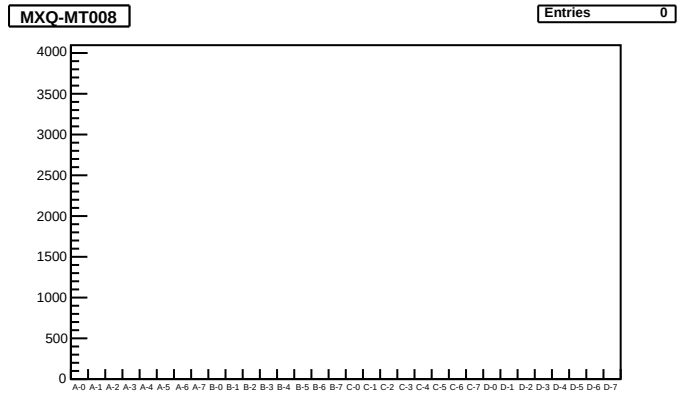

MXQ-MT003
Entries 6.684381e+07

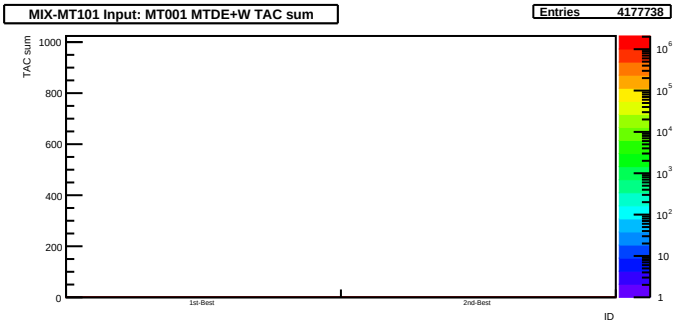

MXQ-MT004
Entries 6.684381e+07

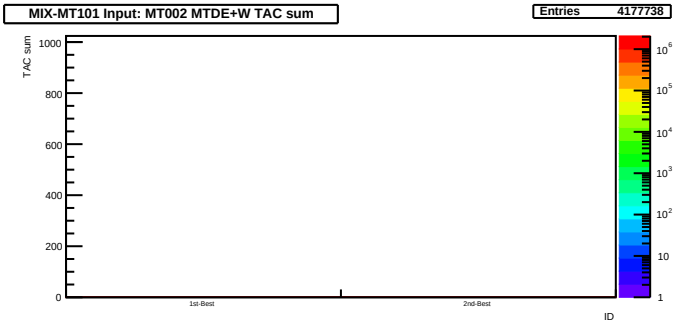

MXQ-MT005
Entries 6.684381e+07

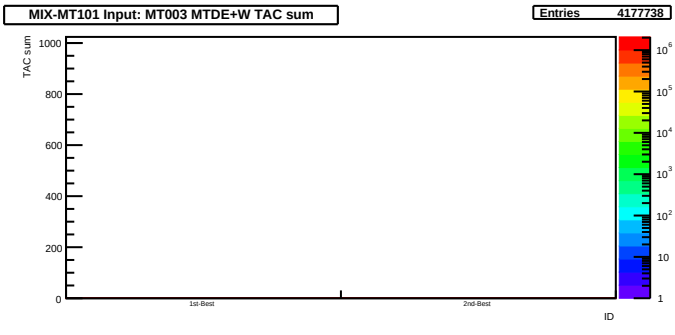

MXQ-MT006
Entries 0

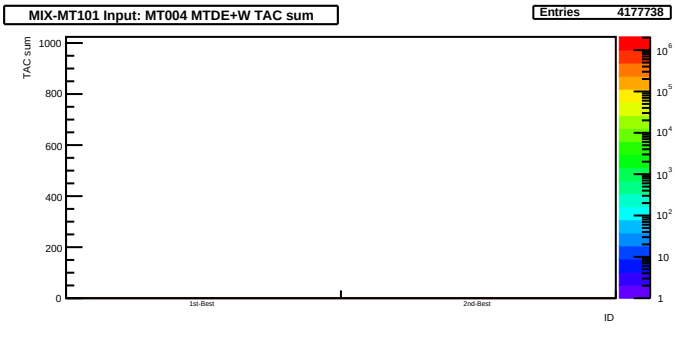

MXQ-MT007
Entries 0

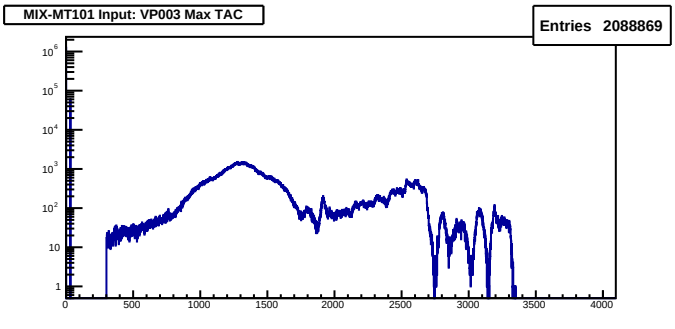

MXQ-MT008
Entries 0

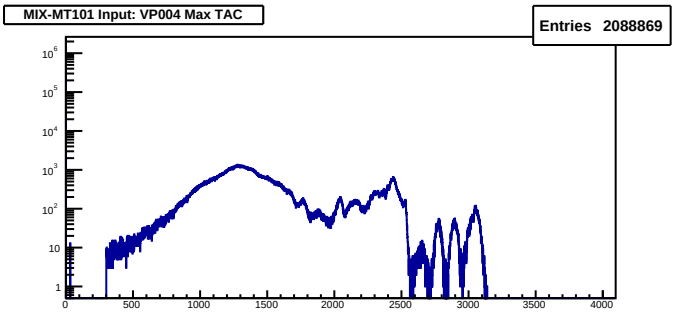

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4177738
TAC sum
1st-Best
2nd-Best
ID

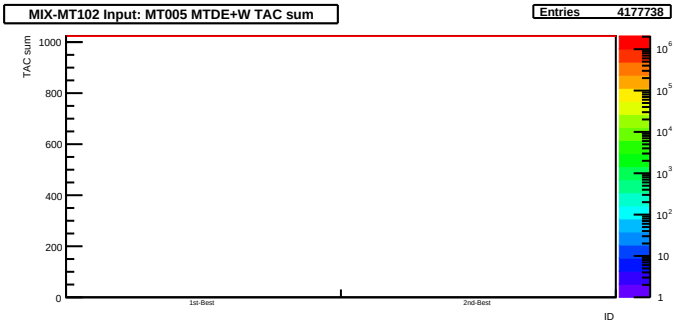

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4177738
TAC sum
1st-Best
2nd-Best
ID

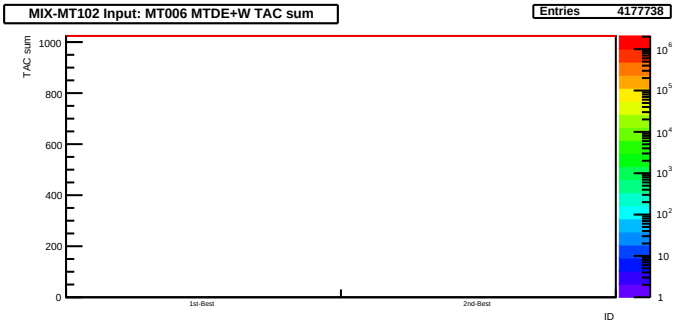

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4177738
TAC sum
1st-Best
2nd-Best
ID

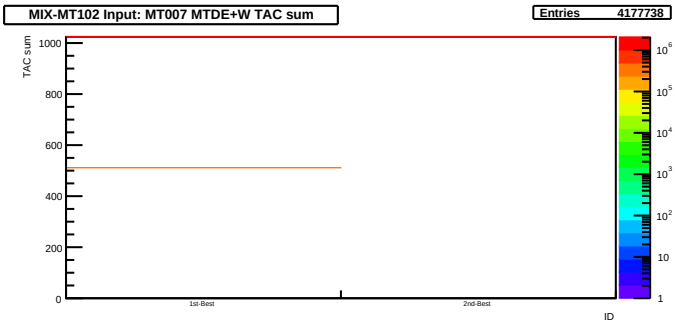

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4177738
TAC sum
1st-Best
2nd-Best
ID

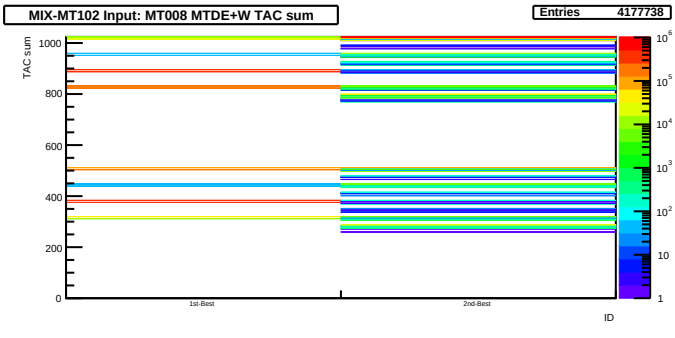

MIX-MT101 Input: VP003 Max TAC
Entries 2088869

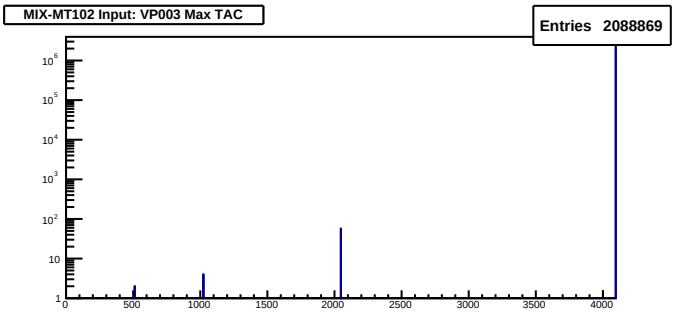

MIX-MT101 Input: VP004 Max TAC
Entries 2088869

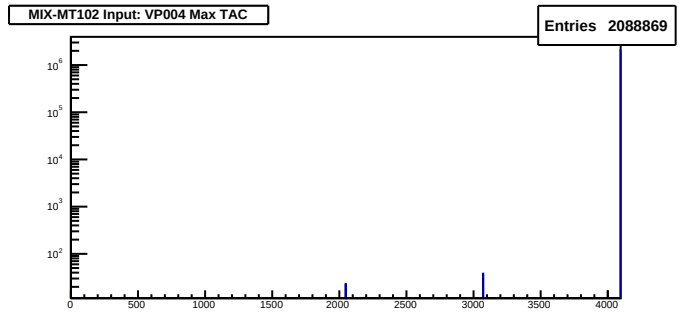

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4177738
TAC sum
1st-Best
2nd-Best
ID

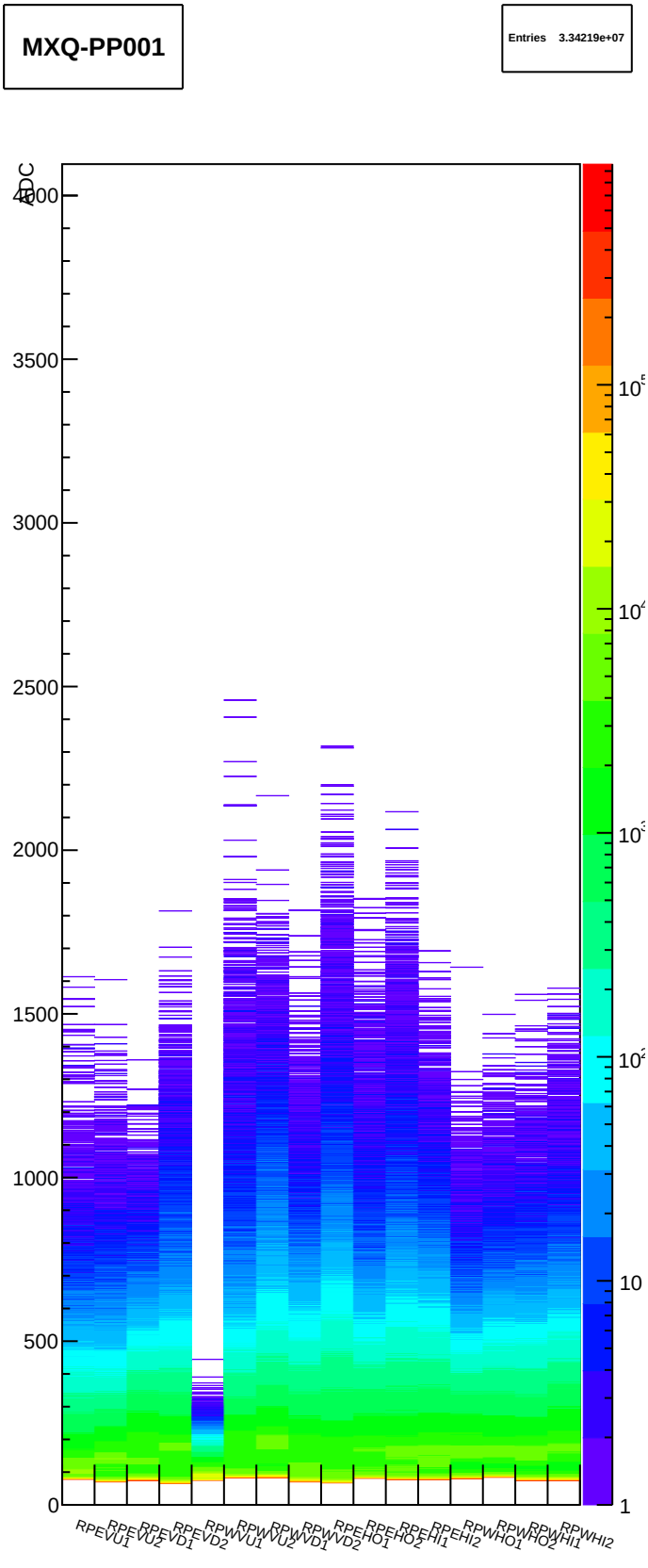

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4177738
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4177738
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4177738
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 2088869


MIX-MT102 Input: VP004 Max TAC
Entries 2088869


MXQ-PP001
Entries 3.34219e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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RPWHO1
RPWHO2
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RPWHI2
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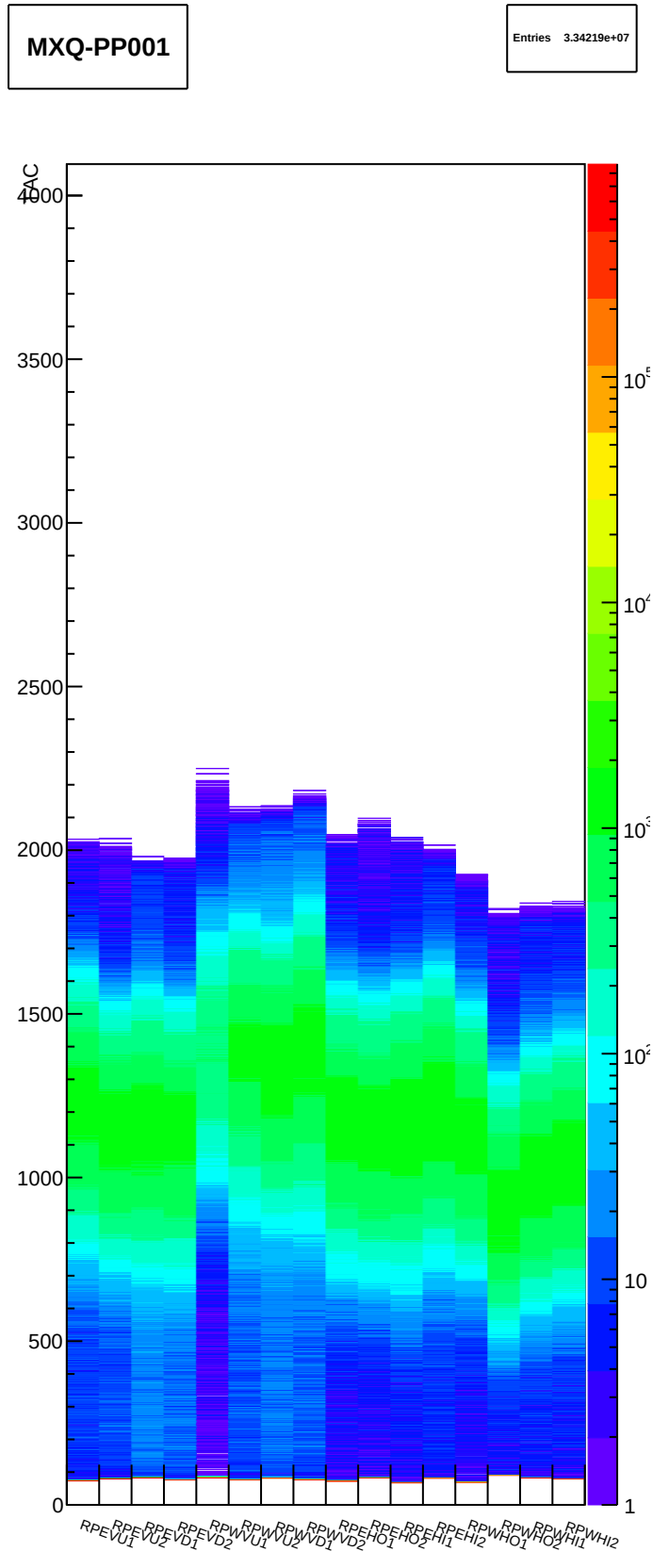
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 3.34219e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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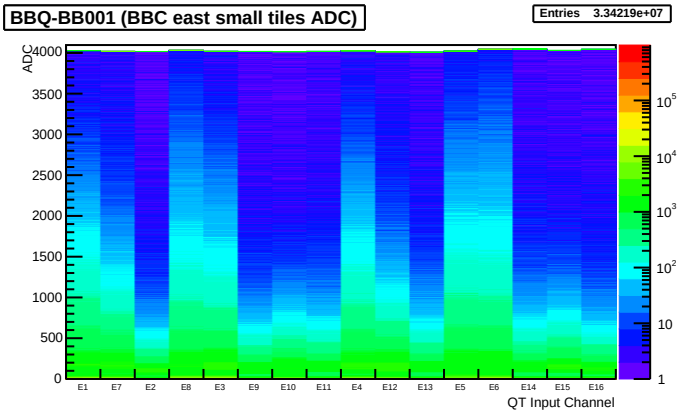
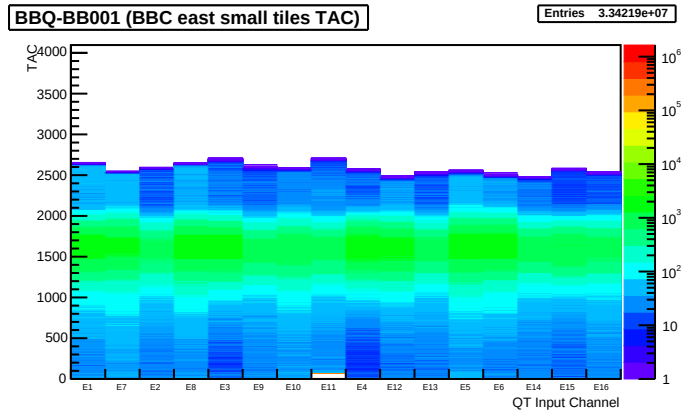
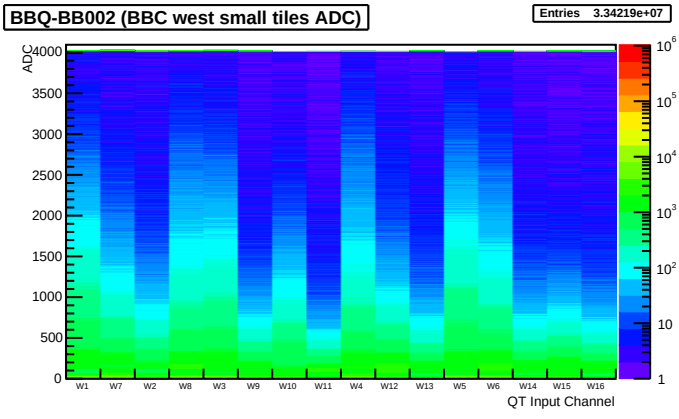
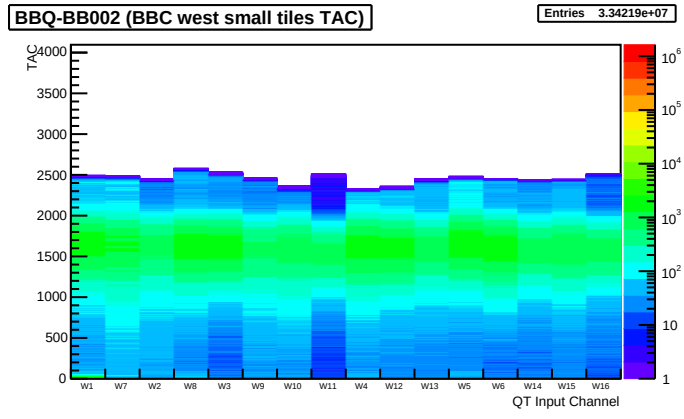
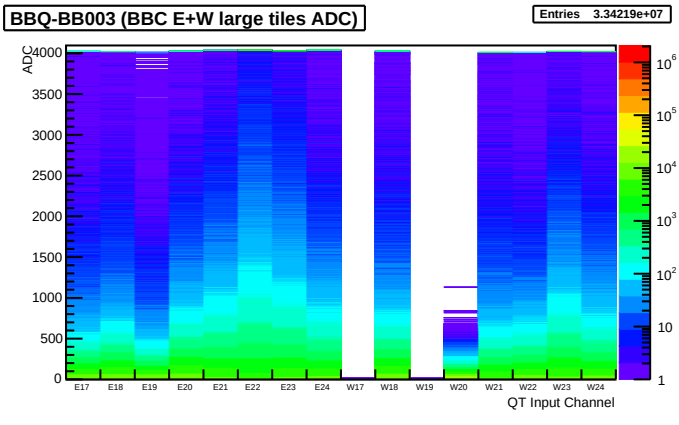
10^5
10^4
10^3
10^2
10
1

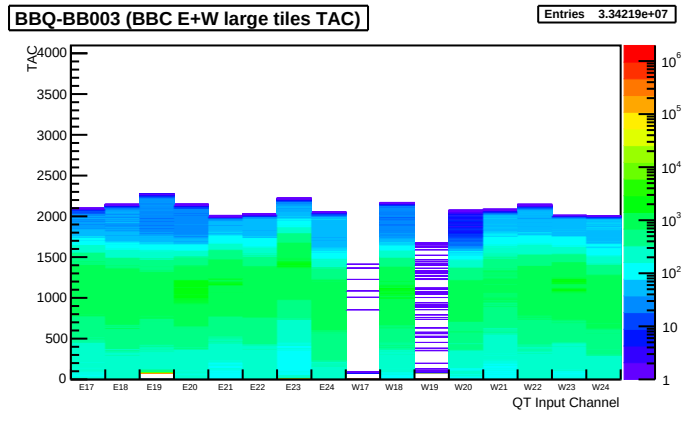

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.34219e+07
ADC
QT Input Channel

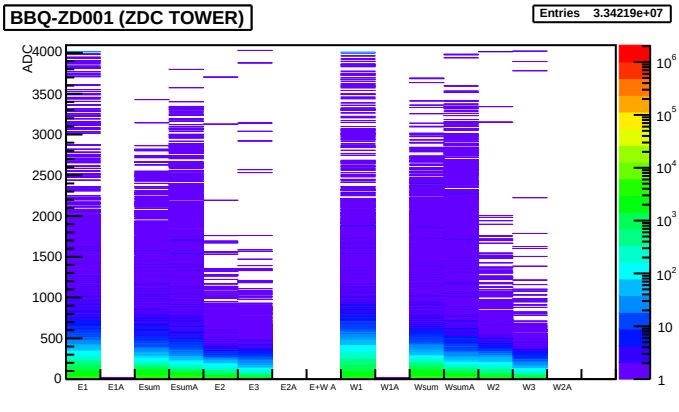

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.34219e+07
TAC
QT Input Channel

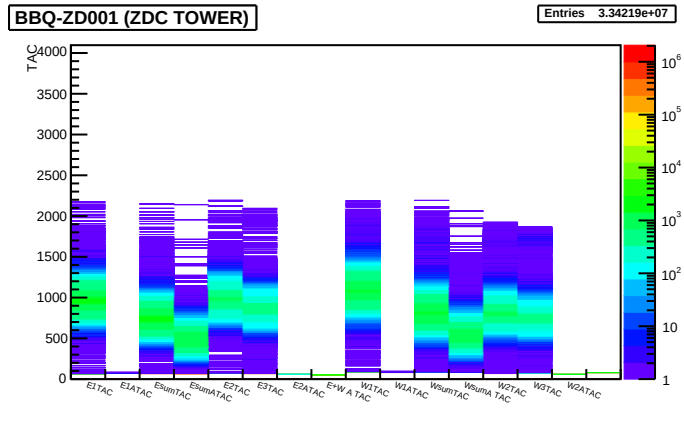

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.34219e+07
ADC
QT Input Channel

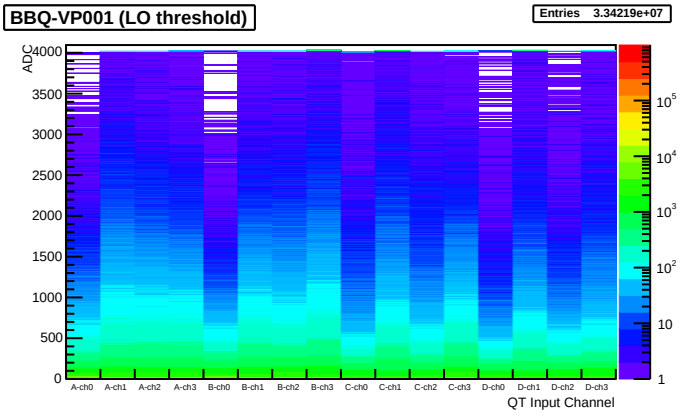

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.34219e+07
TAC
QT Input Channel

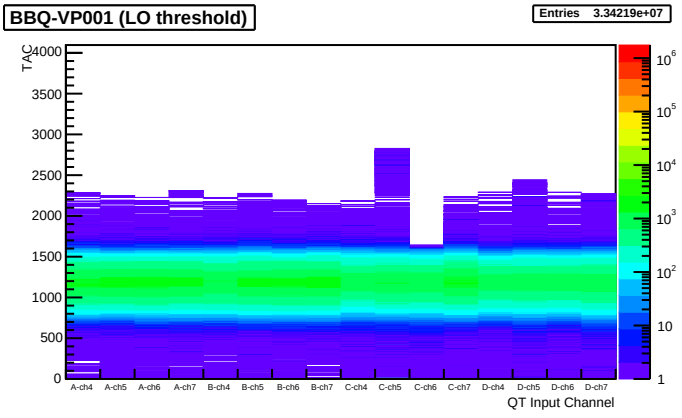

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.34219e+07
ADC
QT Input Channel

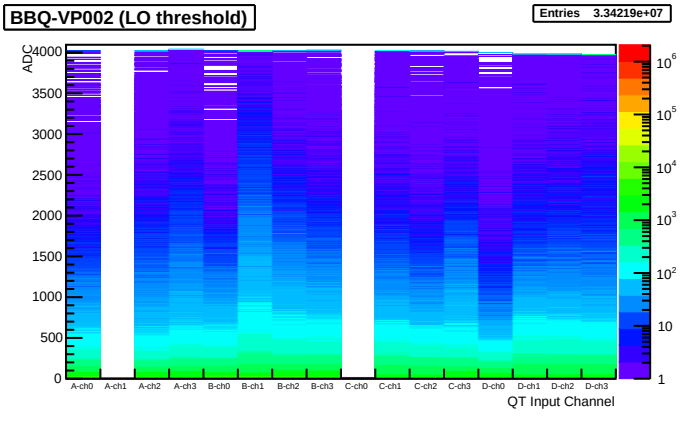

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.34219e+07
TAC
QT Input Channel

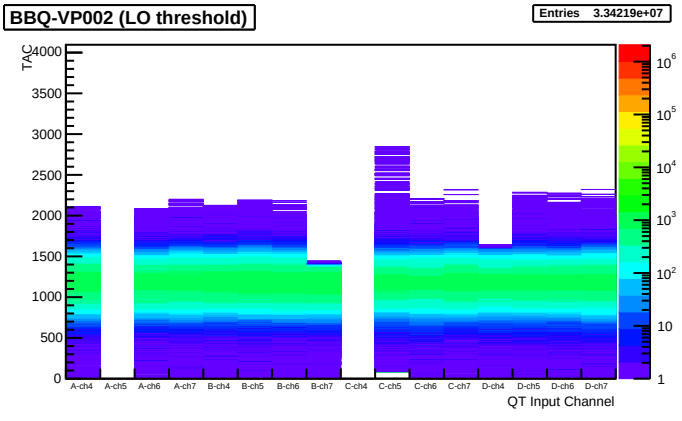

BBQ-ZD001 (ZDC TOWER)
Entries 3.34219e+07
ADC

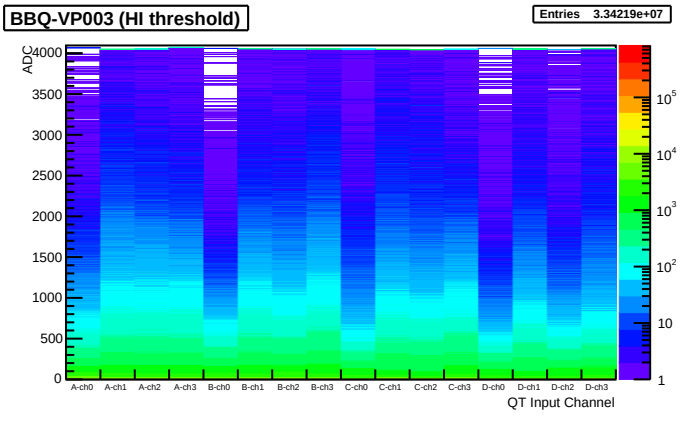

BBQ-ZD001 (ZDC TOWER)
Entries 3.34219e+07
TAC

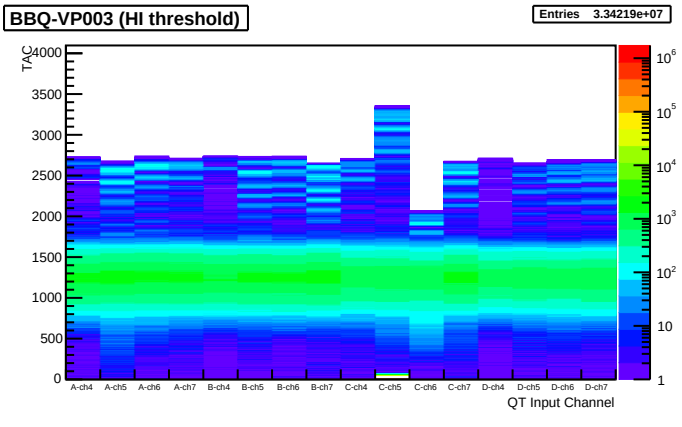

BBQ-VP001 (LO threshold)
Entries 3.34219e+07
ADC
QT Input Channel

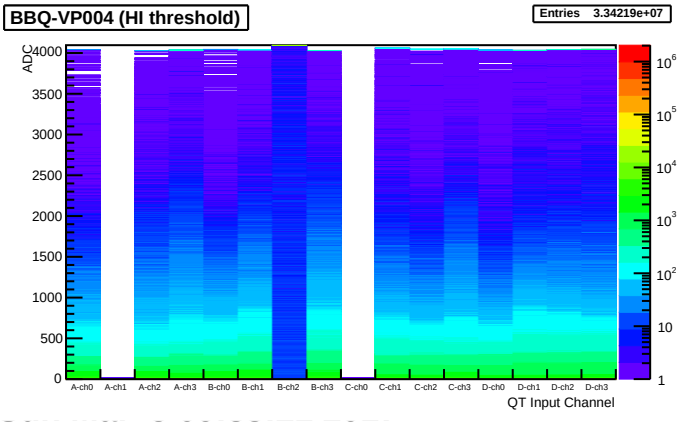

BBQ-VP001 (LO threshold)
Entries 3.34219e+07
TAC
QT Input Channel

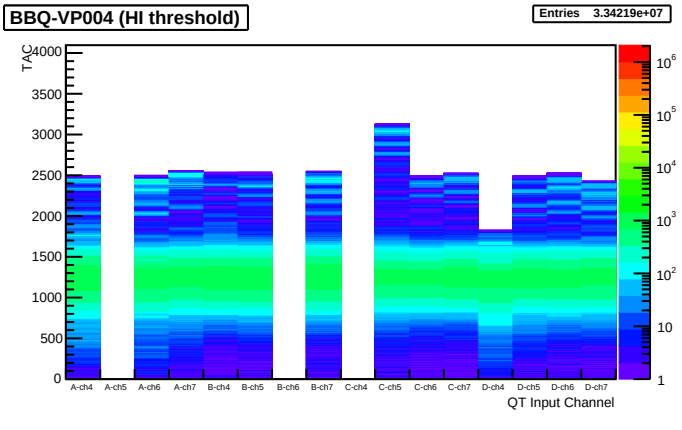

BBQ-VP002 (LO threshold)
Entries 3.34219e+07
ADC
QT Input Channel

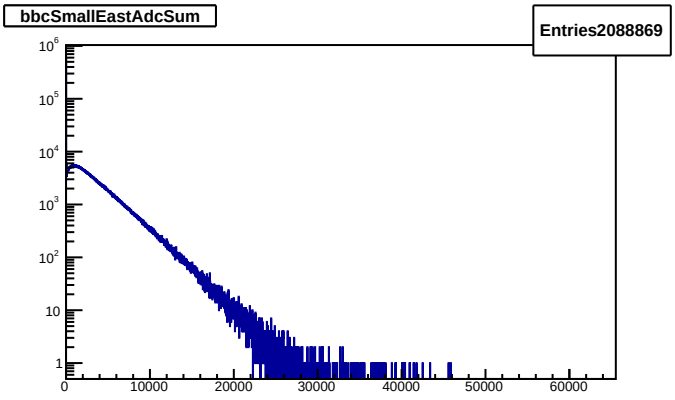

BBQ-VP002 (LO threshold)
Entries 3.34219e+07
TAC
QT Input Channel

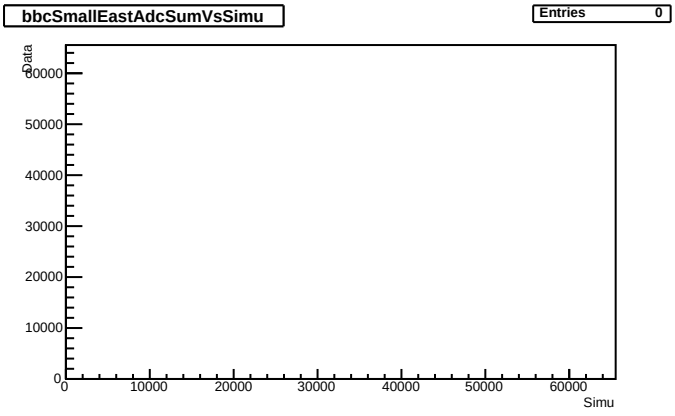

BBQ-VP003 (HI threshold)
Entries 3.34219e+07
ADC
QT Input Channel

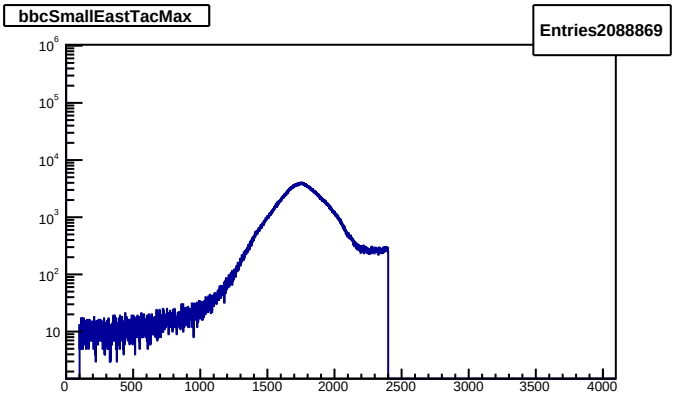

BBQ-VP003 (HI threshold)
Entries 3.34219e+07
TAC
QT Input Channel

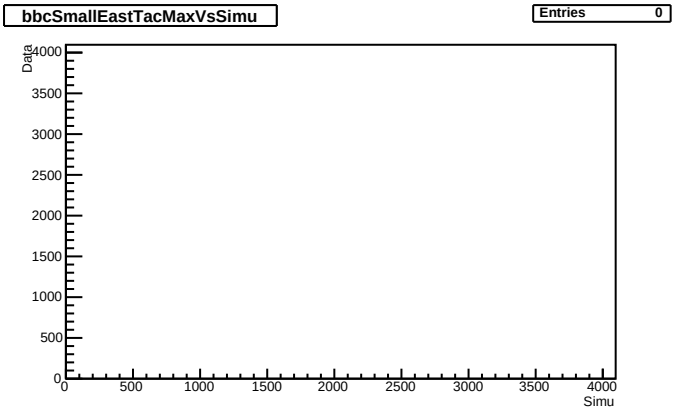

BBQ-VP004 (HI threshold)
Entries 3.34219e+07
ADC
QT Input Channel

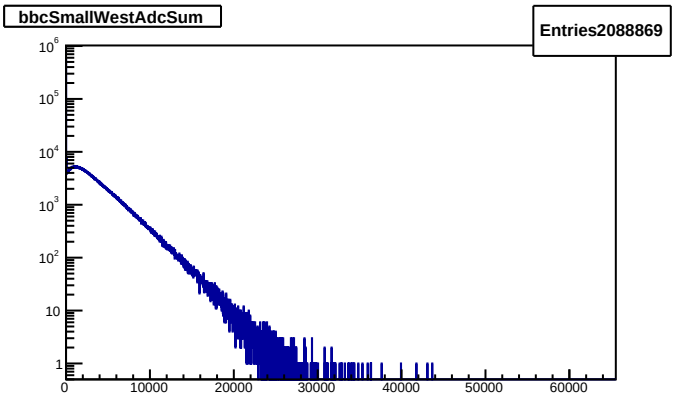

BBQ-VP004 (HI threshold)
Entries 3.34219e+07
TAC
QT Input Channel

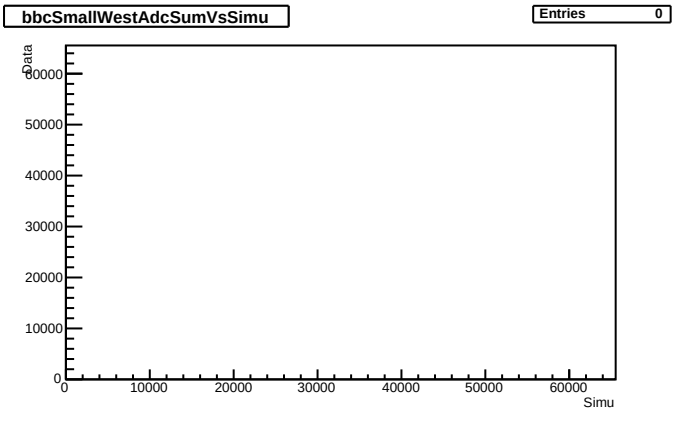

bbcSmallEastAdcSum
Entries2088869

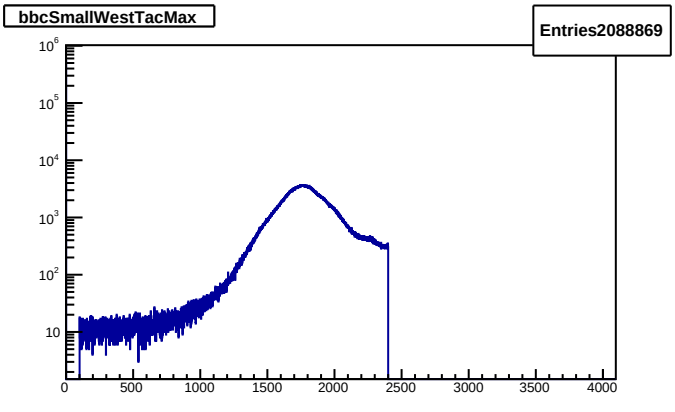

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

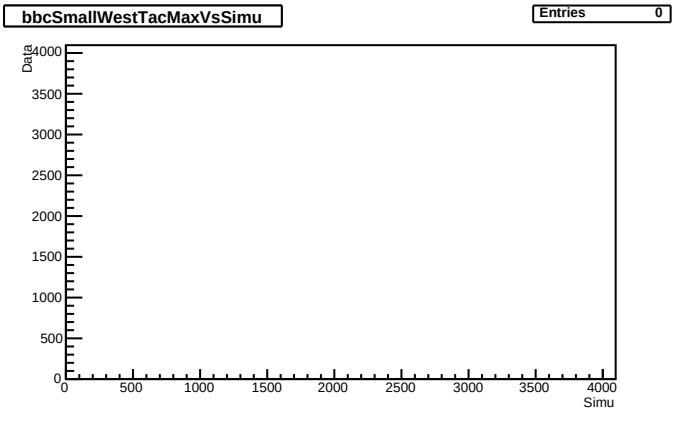

bbcSmallEastTacMax
Entries2088869

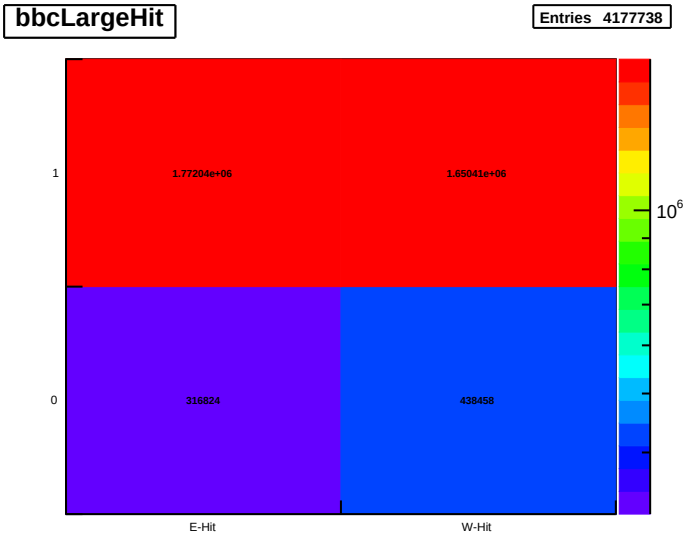

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

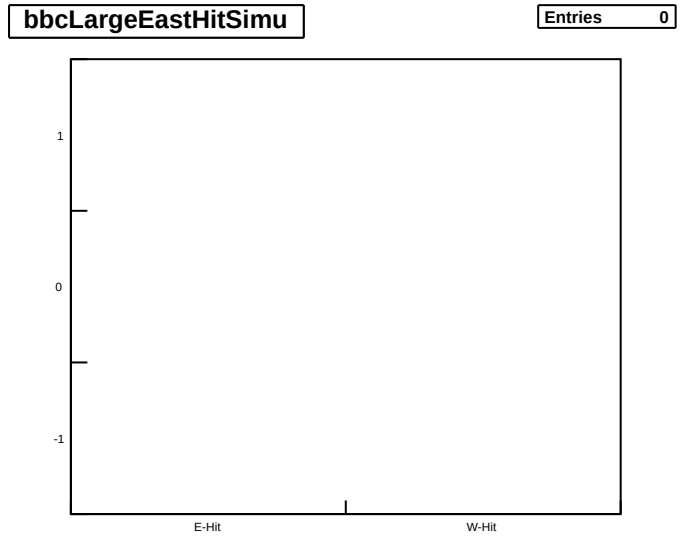

bbcSmallWestAdcSum
Entries2088869

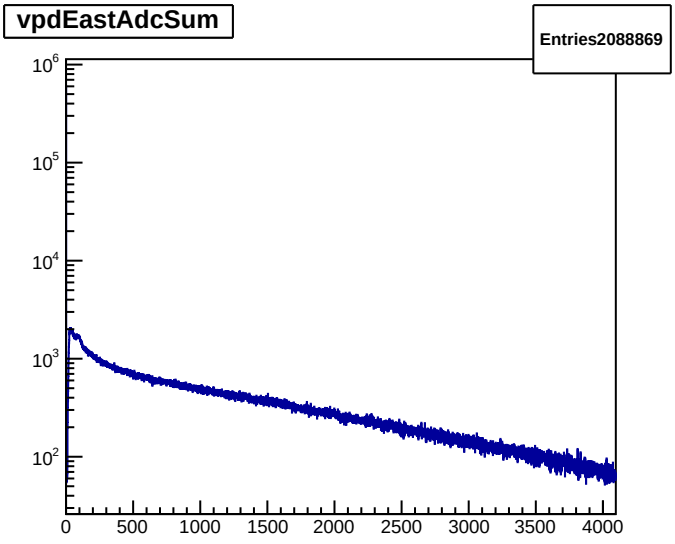

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

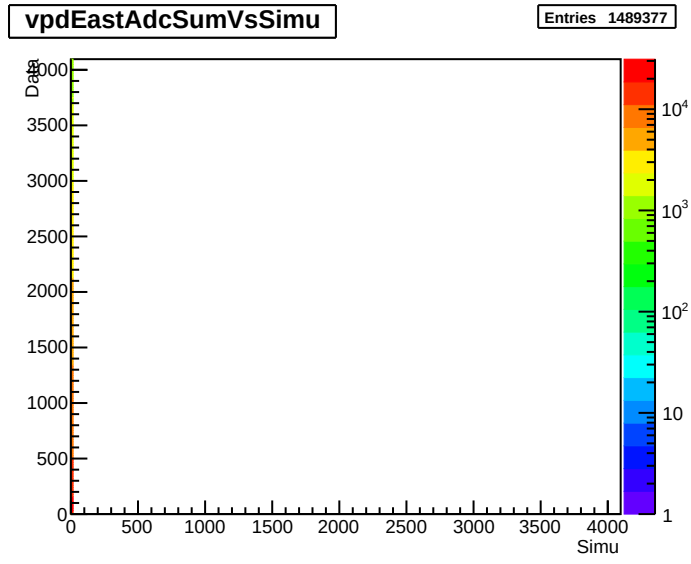

bbcSmallWestTacMax
Entries2088869

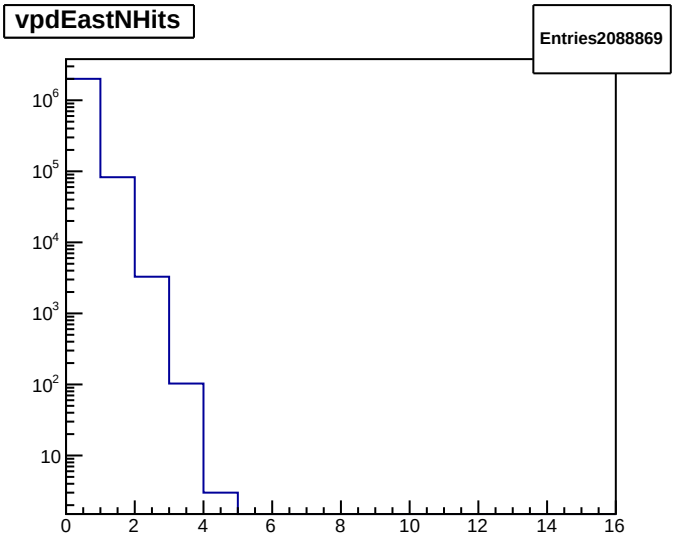

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

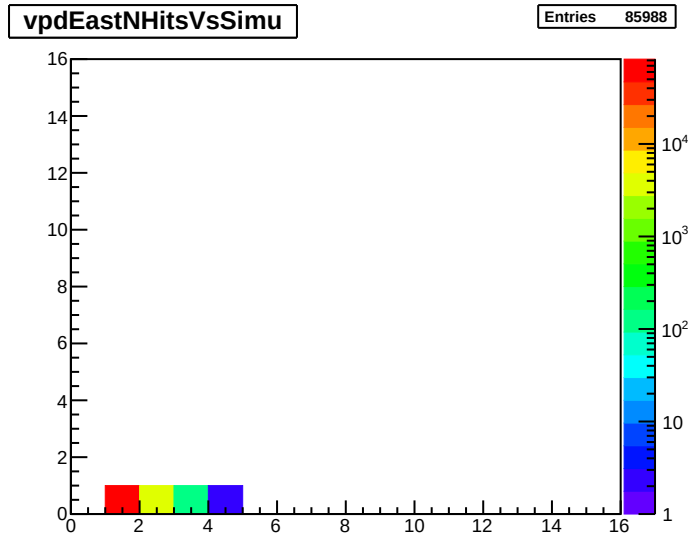

bbcLargeHit
Entries 4177738
1.77204e+06
1.65041e+06
316824
438458
1
0
E-Hit
W-Hit
10^6

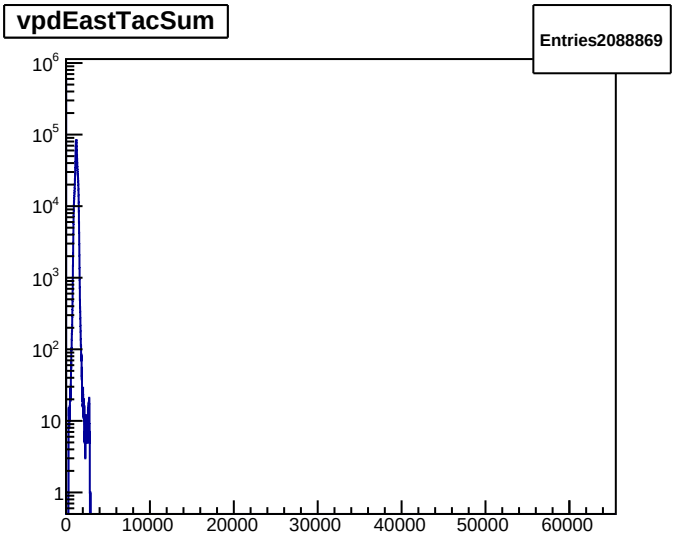

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

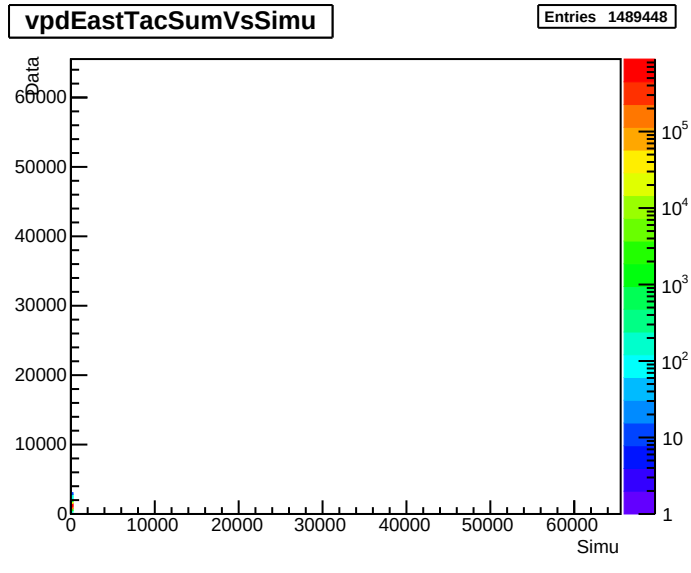

vpdEastAdcSum
Entries2088869

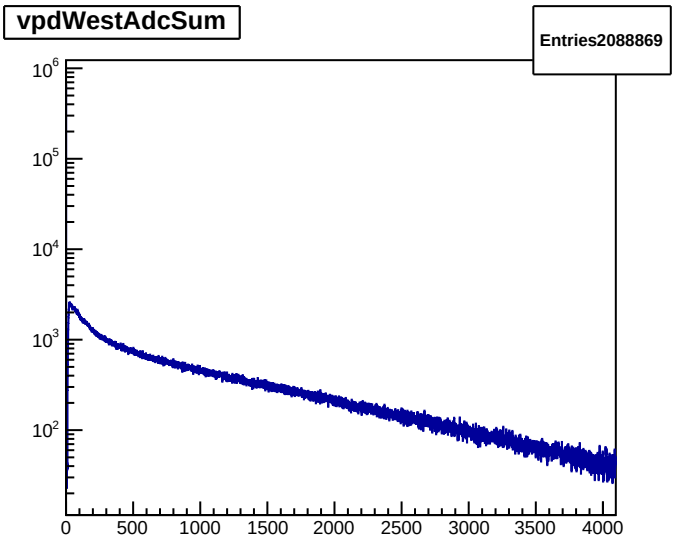

vpdEastAdcSumVsSimu
Entries 1489377
Data
Simu

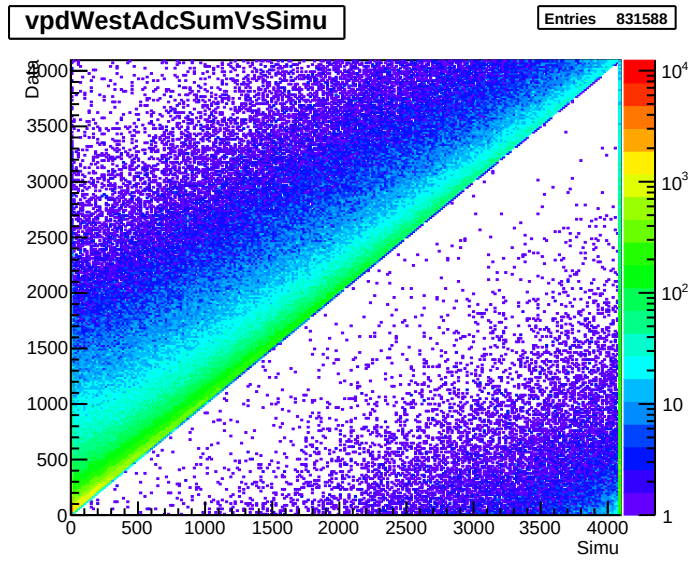

vpdEastNHits
Entries2088869

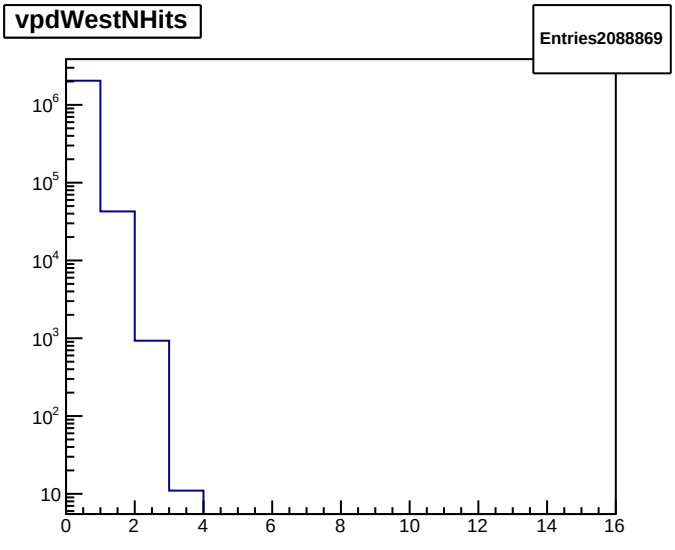

vpdEastNHitsVsSimu
Entries 85988

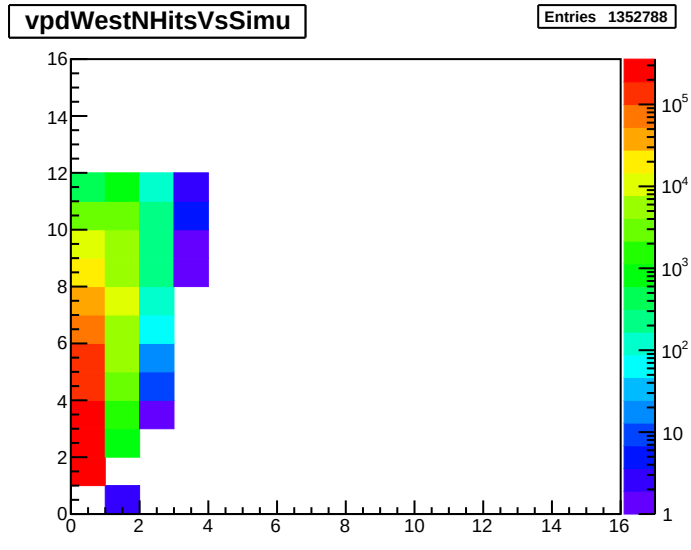

vpdEastTacSum
Entries2088869

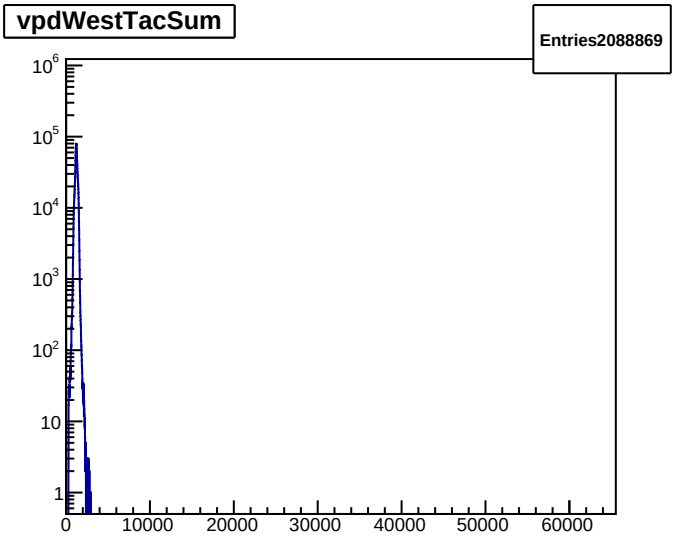

vpdEastTacSumVsSimu
Entries 1489448
Data
Simu

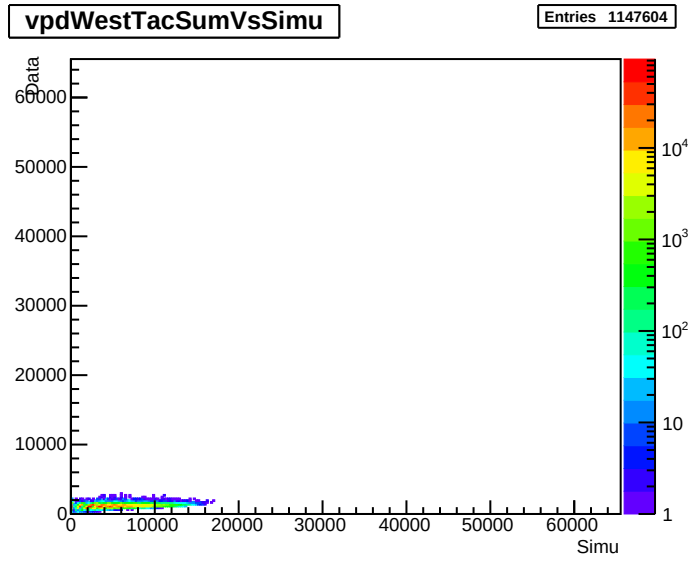

vpdWestAdcSum
Entries2088869

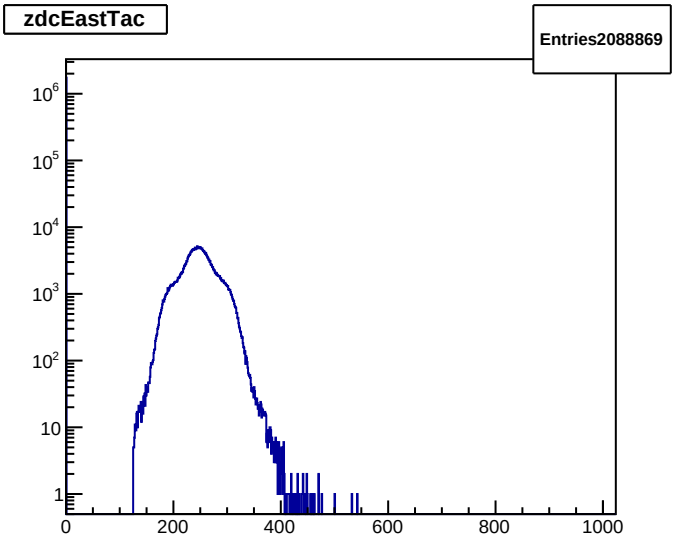

vpdWestAdcSumVsSimu
Entries 831588
Data
Simu

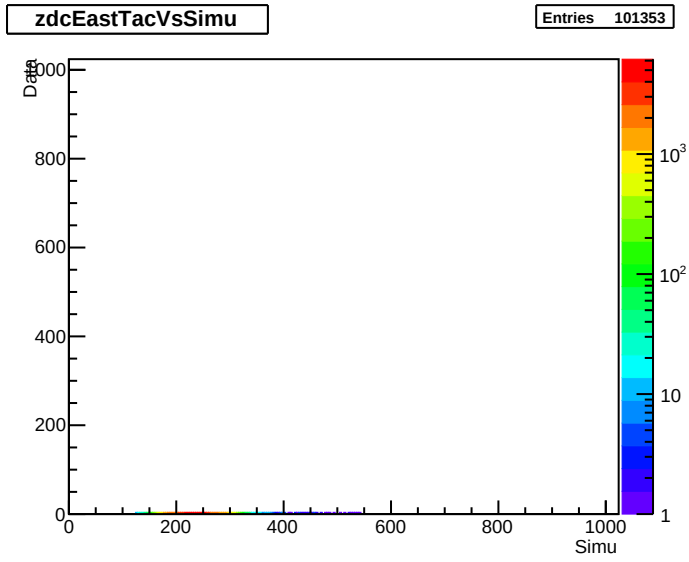

vpdWestNHits
Entries2088869

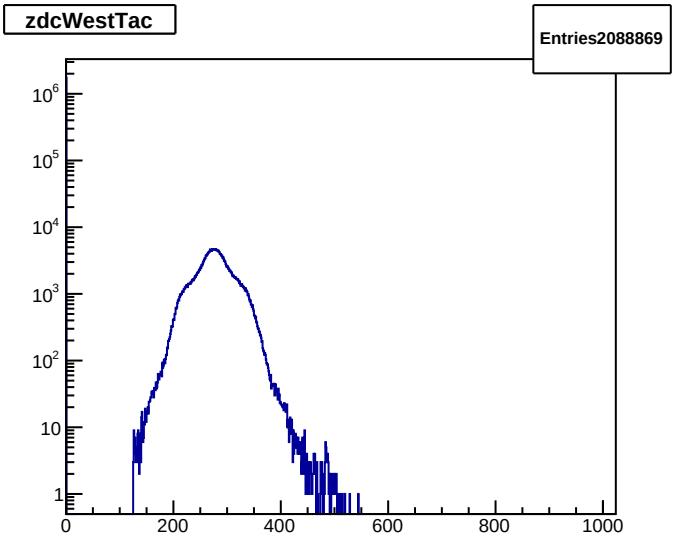

vpdWestNHitsVsSimu
Entries 1352788

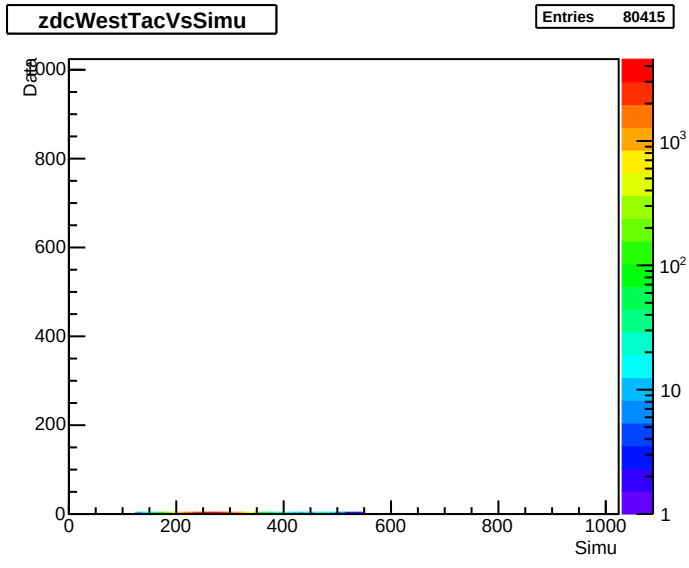

vpdWestTacSum
Entries2088869

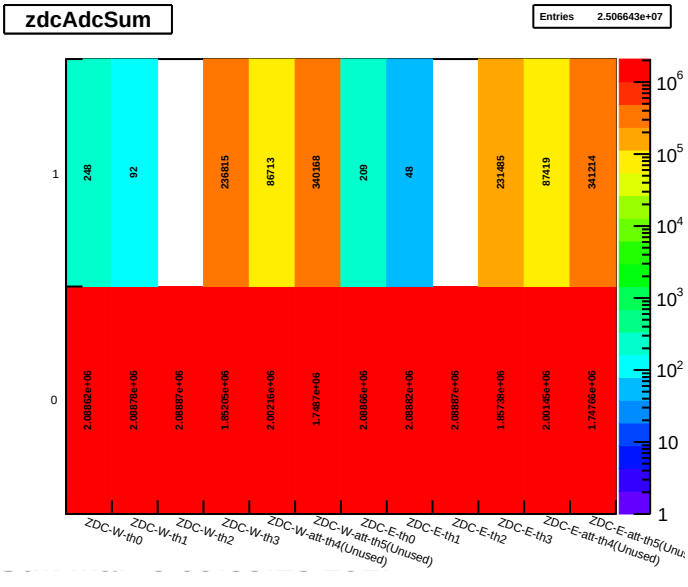

vpdWestTacSumVsSimu
Entries 1147604
Data
Simu

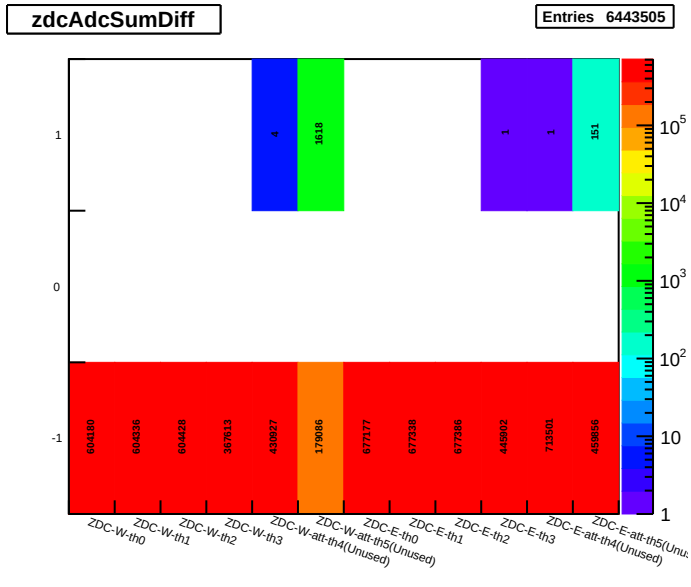

zdcEastTac
Entries2088869

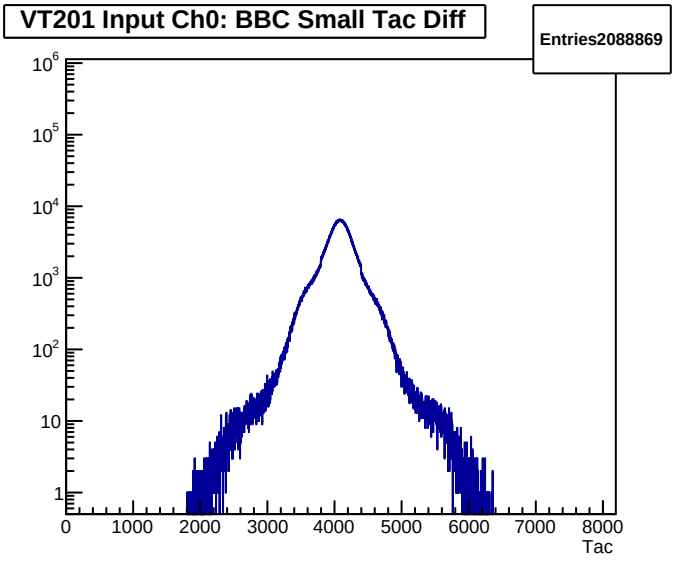

zdcEastTacVsSimu
Entries 101353
Data
Simu

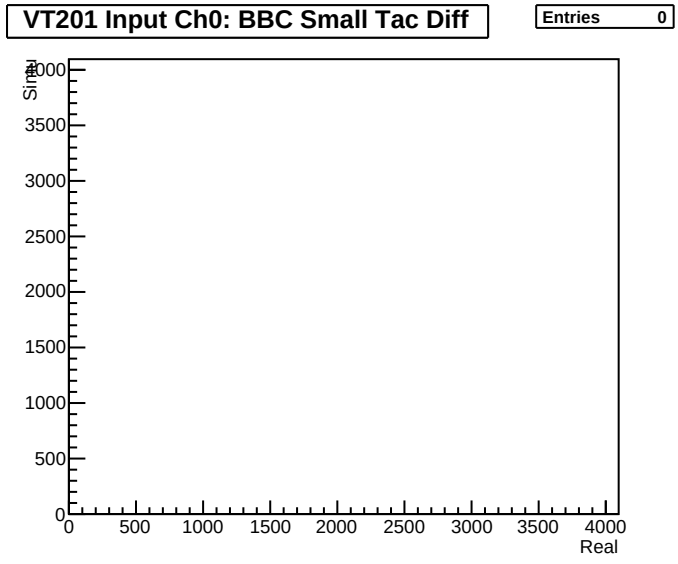

zdcWestTac
Entries2088869

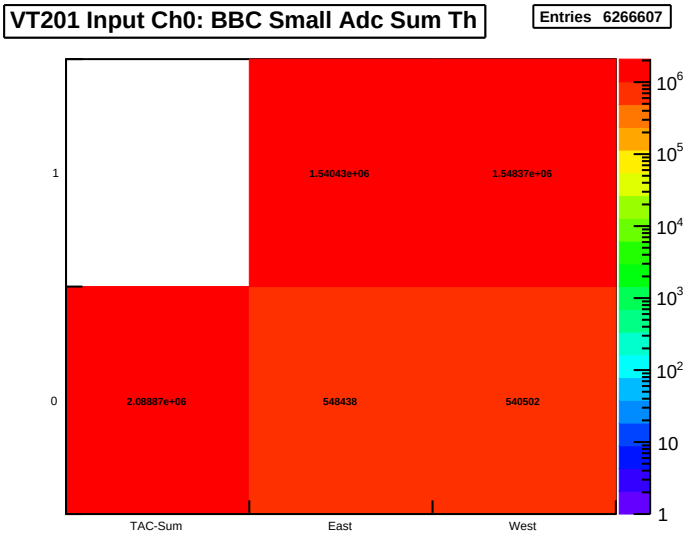

zdcWestTacVsSimu
Entries 80415
Data
Simu

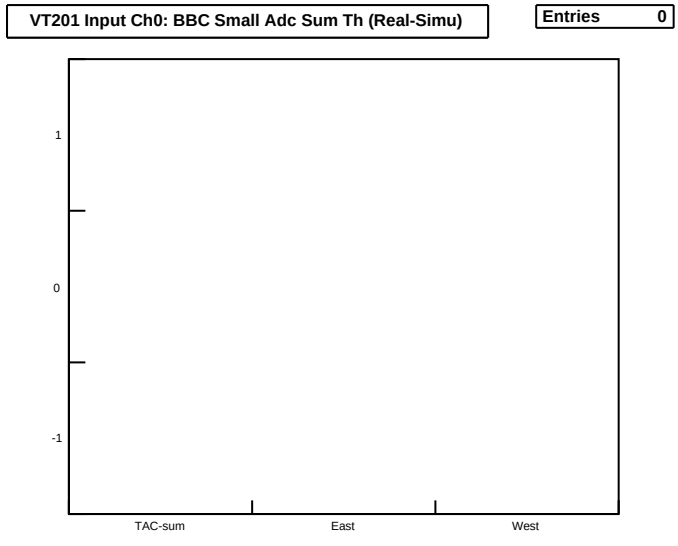

zdcAdcSum
Entries 2.506643e+07
248
92
236815
86713
340168
209
48
231485
87419
341214
2.08862e+06
2.09878e+05
2.08887e+06
1.85205e+06
2.00216e+06
1.74837e+06
2.08866e+06
2.08882e+06
2.09887e+05
1.85738e+06
2.00145e+06
1.74766e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

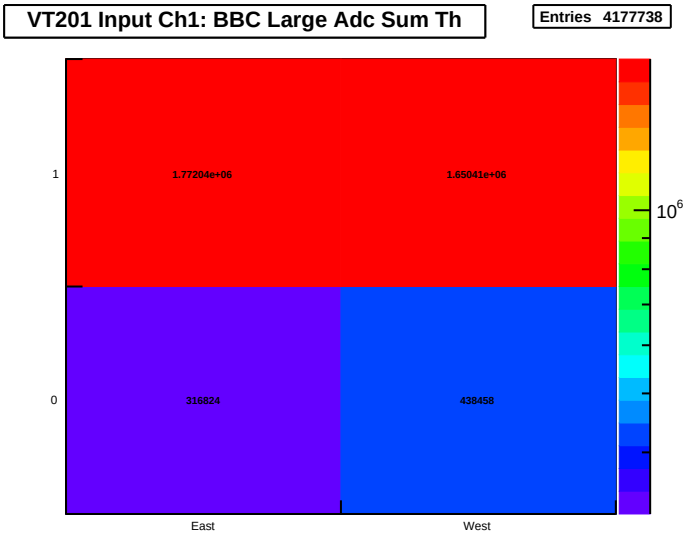

zdcAdcSumDiff
Entries 6443505
4
1618
1
1
151
604180
604336
604428
367613
430927
179086
677177
677338
677386
445902
713501
458856
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

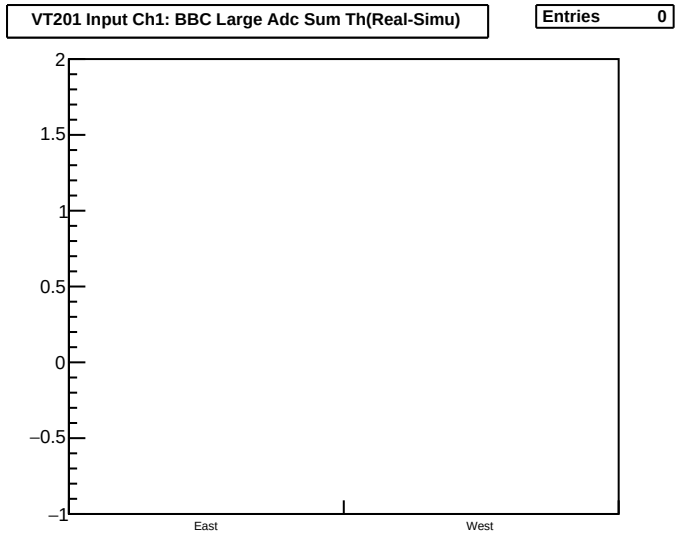

VT201 Input Ch0: BBC Small Tac Diff
Entries2088869
Tac


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

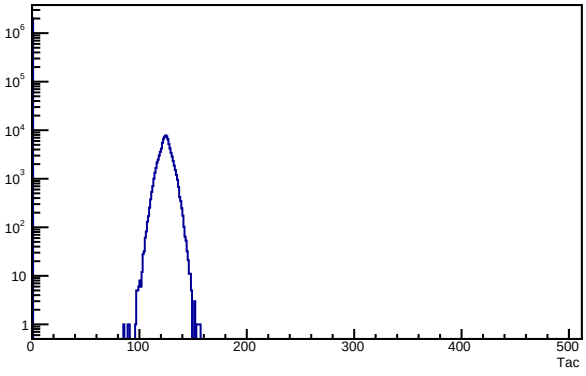

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6266607
1.54043e+06
1.54837e+06
2.08887e+06
548438
540502
TAC-Sum
East
West


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

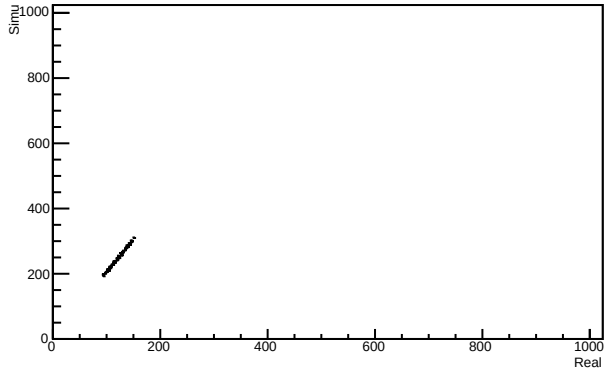

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4177738
1.77204e+06
1.65041e+06
316824
438458
East
West


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

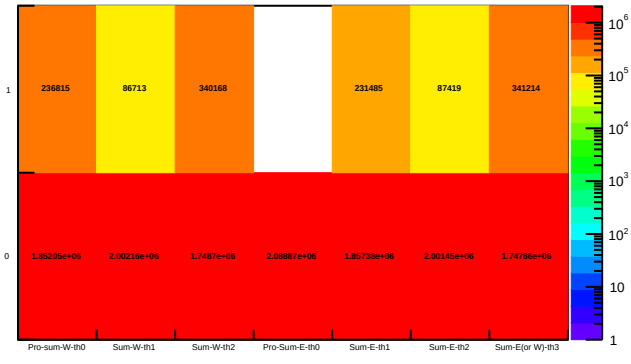
VT201 Input Ch2: ZDC Tac Diff



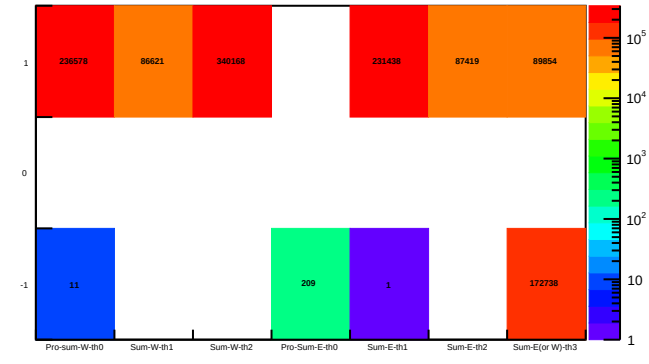
VT201 Input Ch2: ZDC Tac Diff



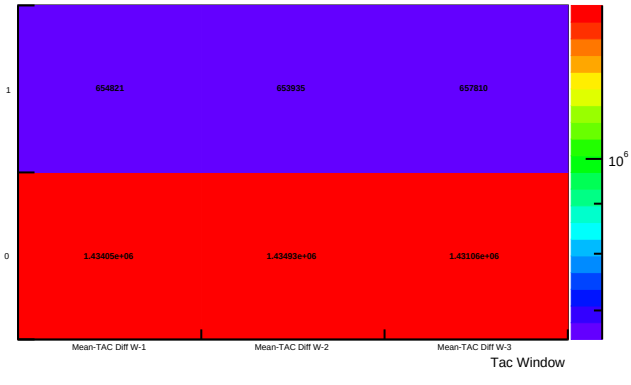
VT201 Input Ch2: ZDC Adc Sum Th



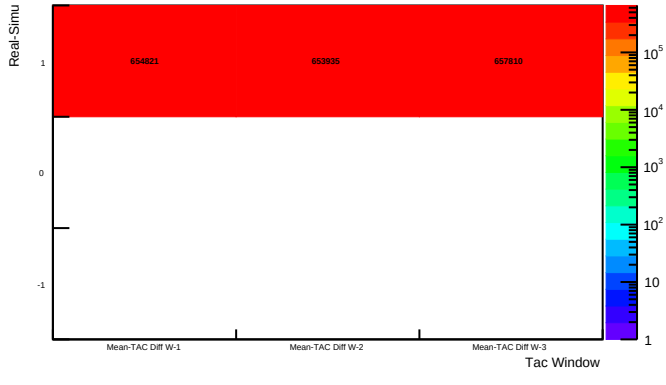
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



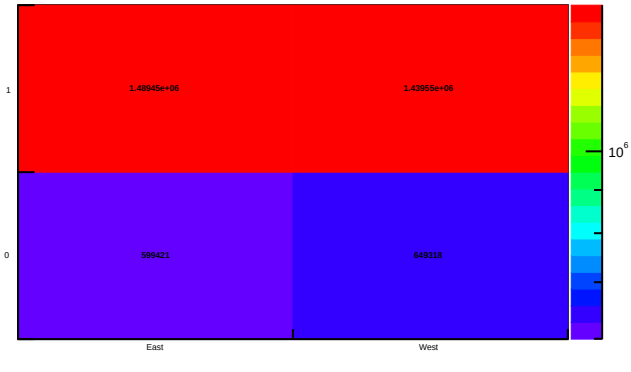
VT201 Input Ch4: VPD Tac Diff



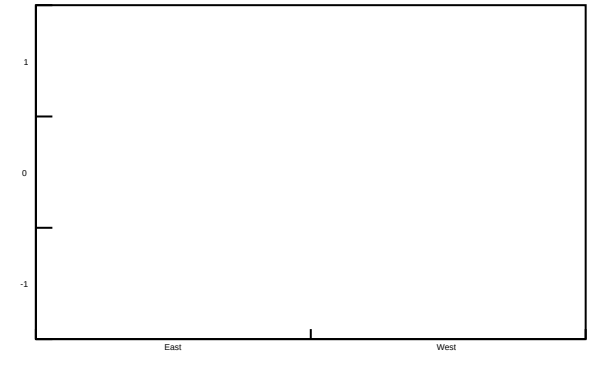
VT201 Input Ch4: VPD Tac Diff

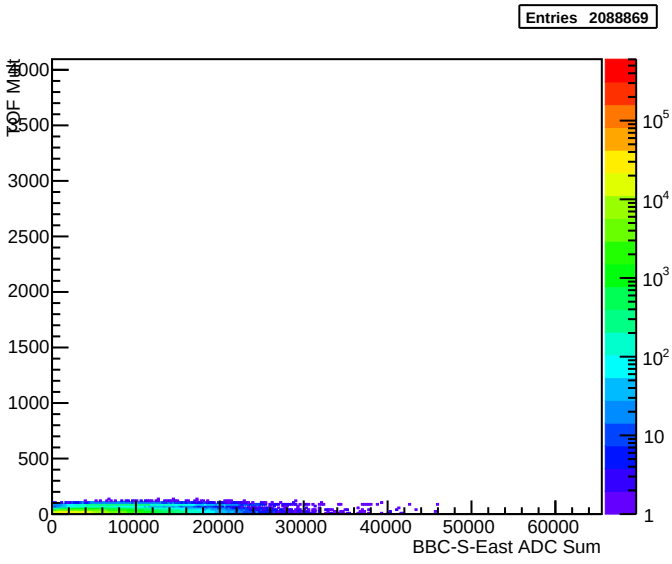


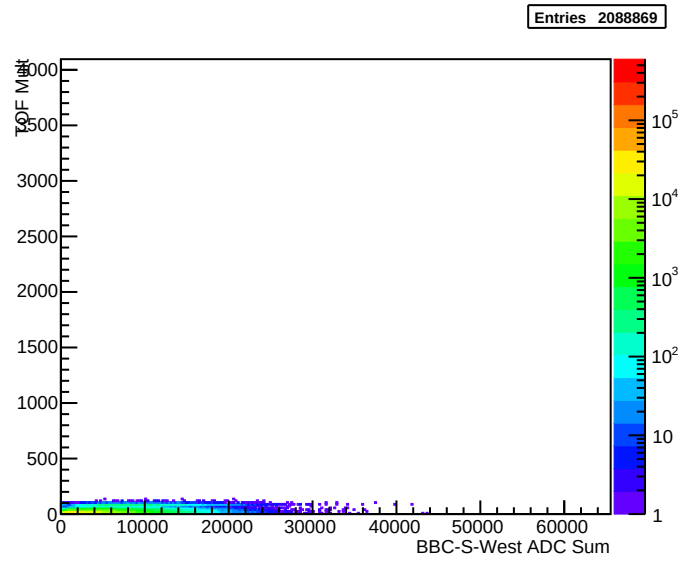
VT201 Input Ch4: VPD Adc Sum Th

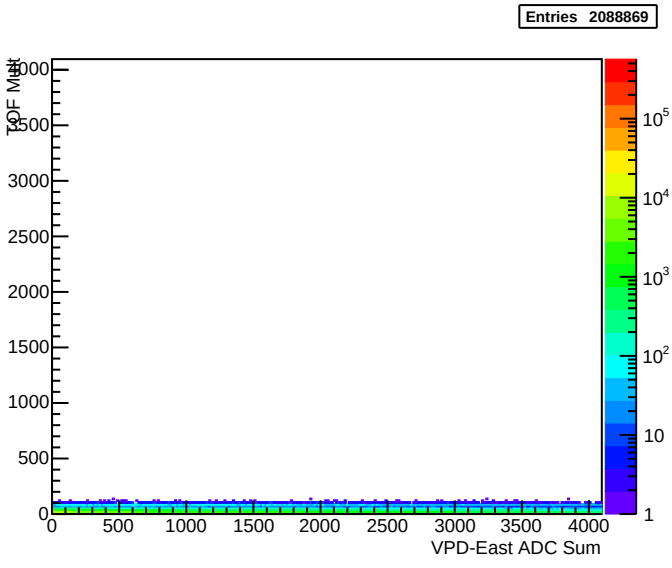


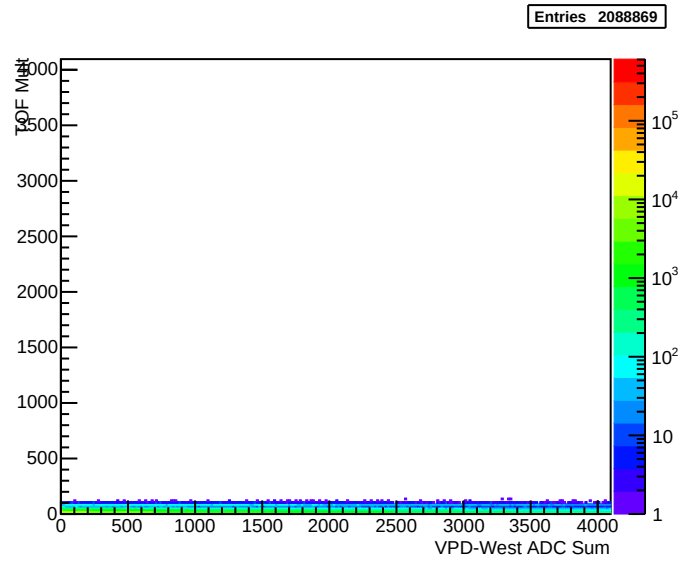
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

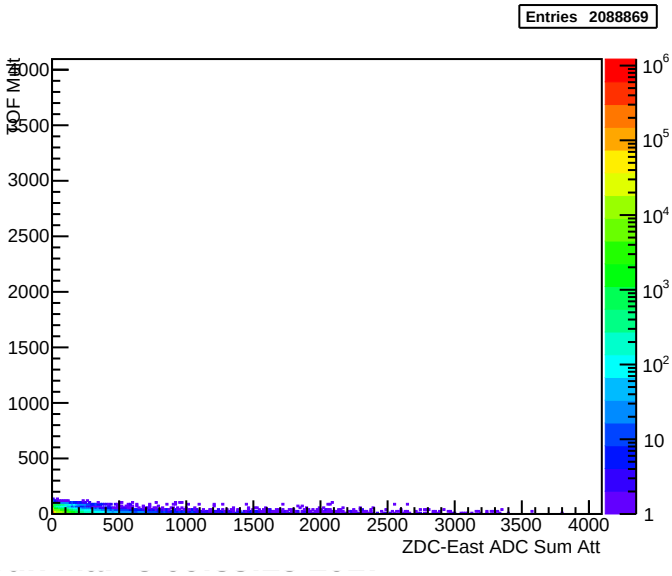


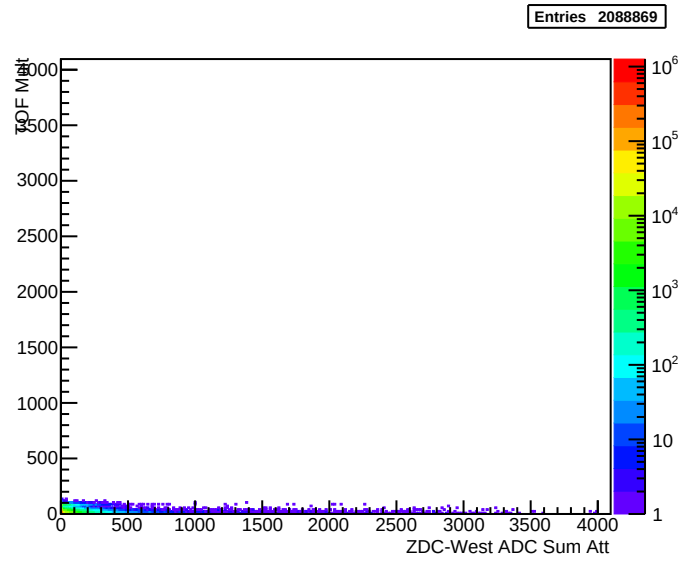

Entries 2088869
TOF Mult
BBC-S-East ADC Sum

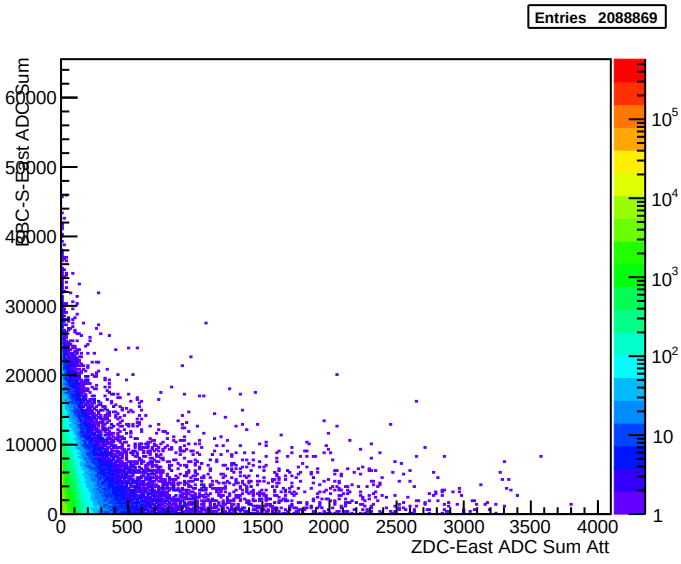

Entries 2088869
TOF Mult
BBC-S-West ADC Sum

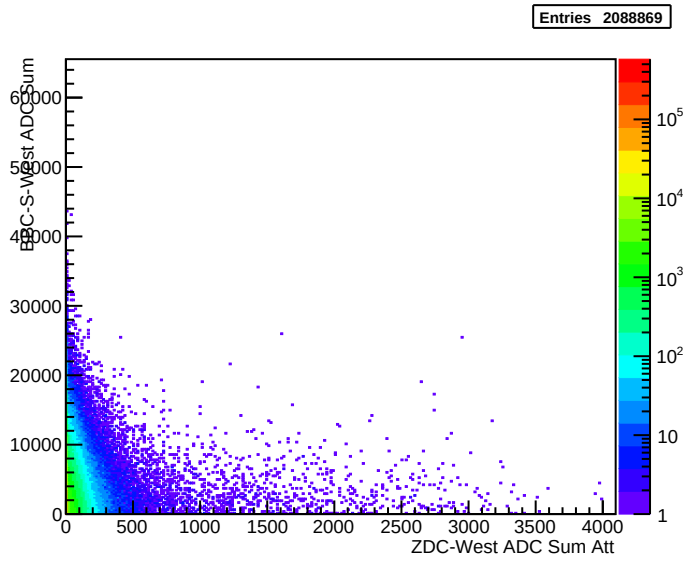

Entries 2088869
TOF Mult
VPD-East ADC Sum

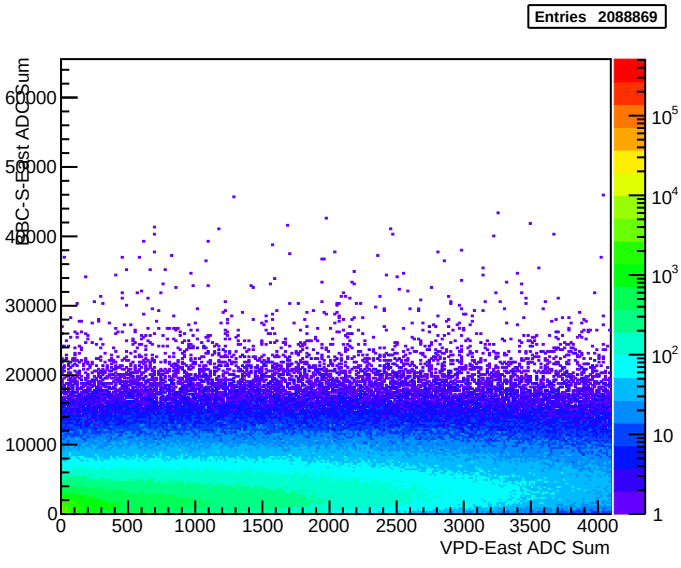

Entries 2088869
TOF Mult
VPD-West ADC Sum

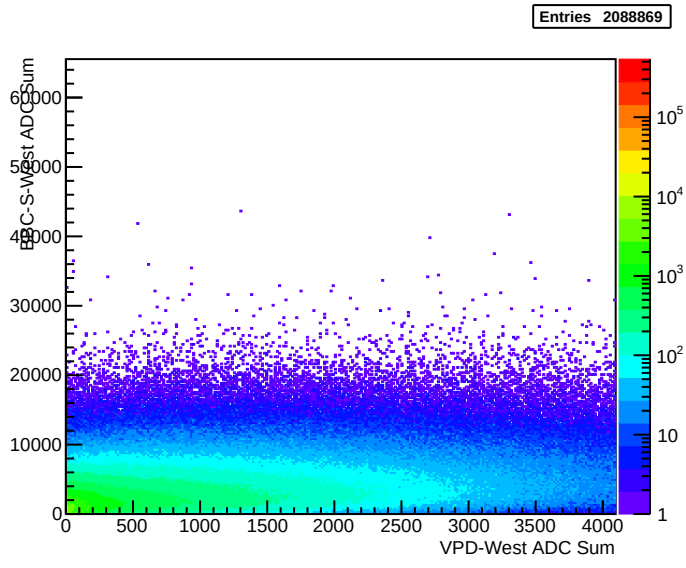

Entries 2088869
TOF Mult
ZDC-East ADC Sum Att

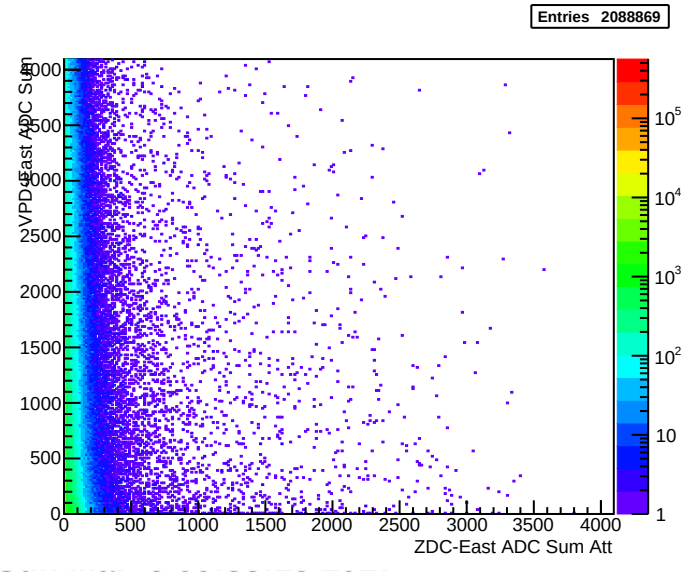

Entries 2088869
TOF Mult
ZDC-West ADC Sum Att

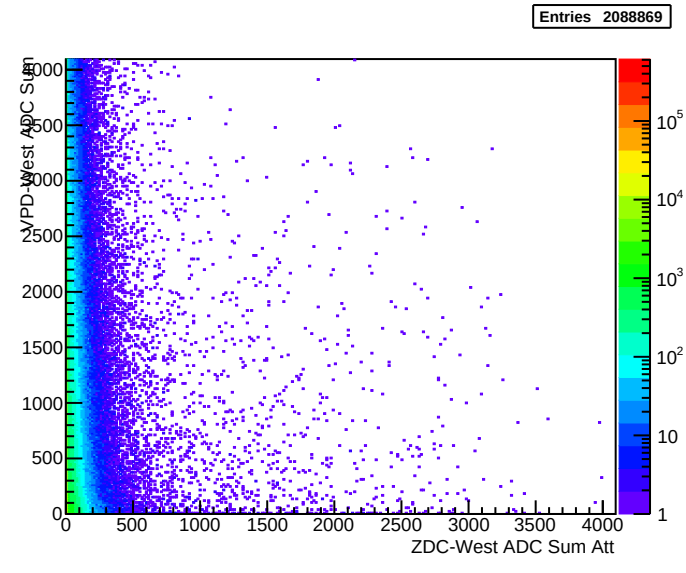

Entries 2088869
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

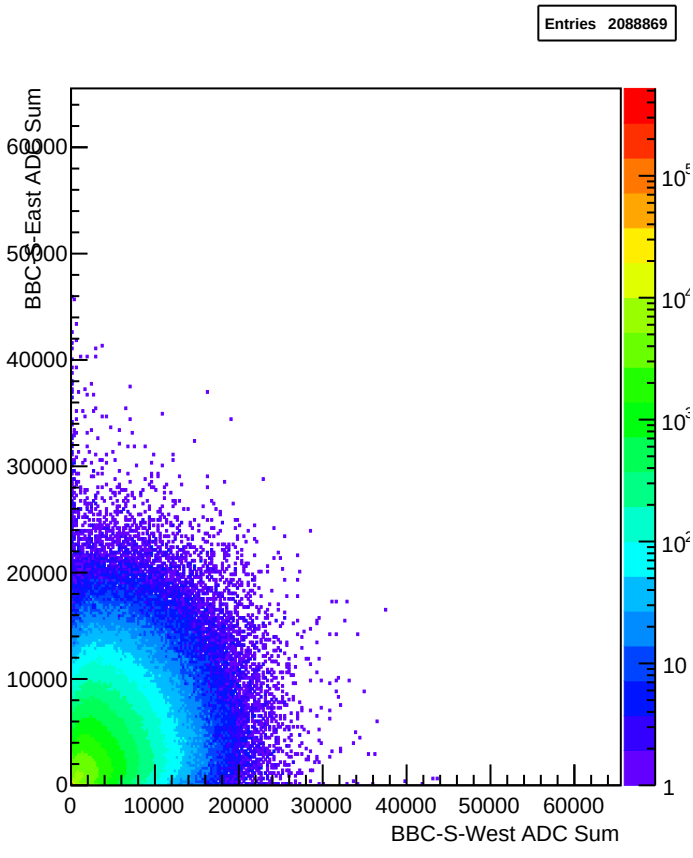

Entries 2088869
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

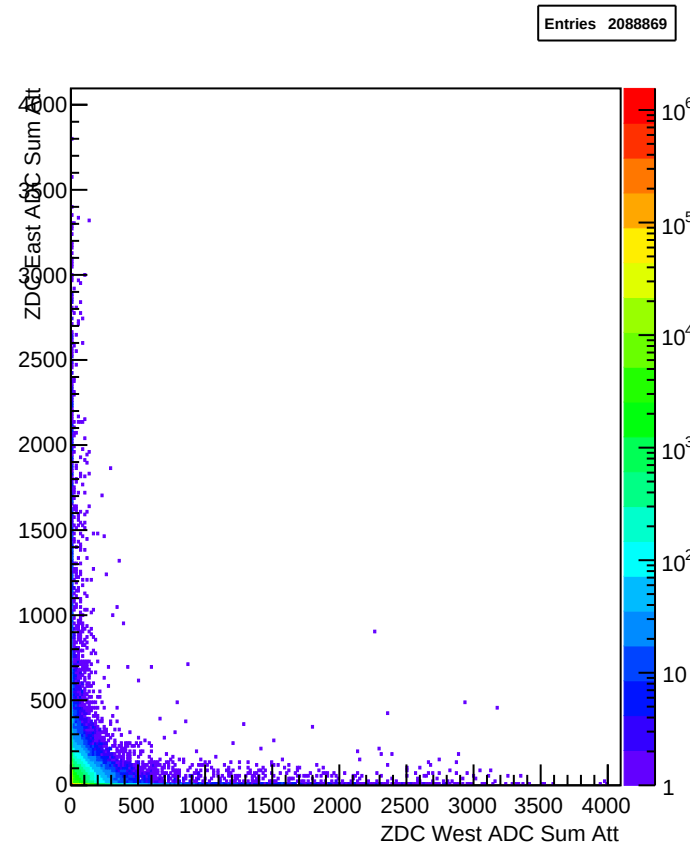

Entries 2088869
BBC-S-East ADC Sum
VPD-East ADC Sum

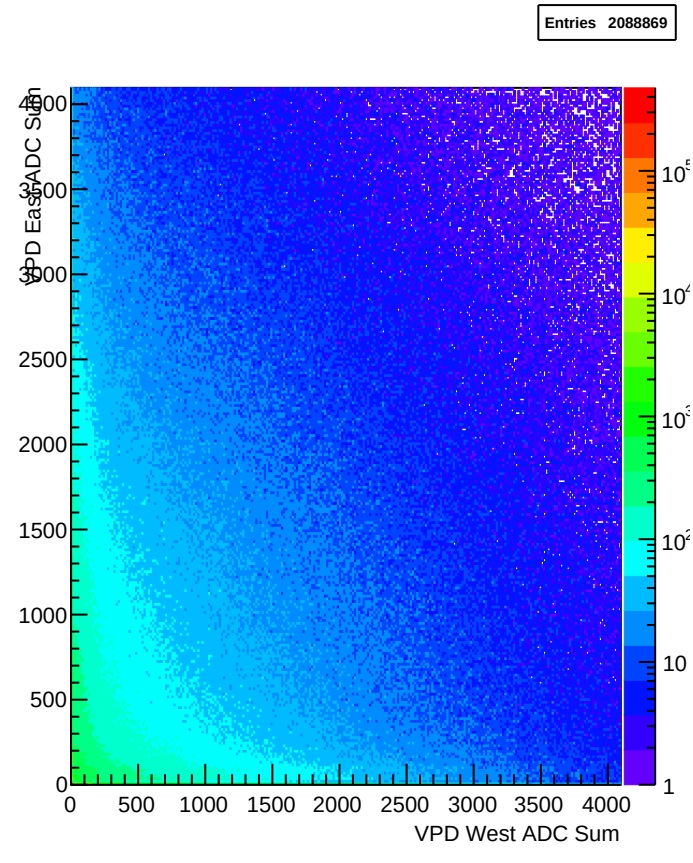

Entries 2088869
BBC-S-West ADC Sum
VPD-West ADC Sum

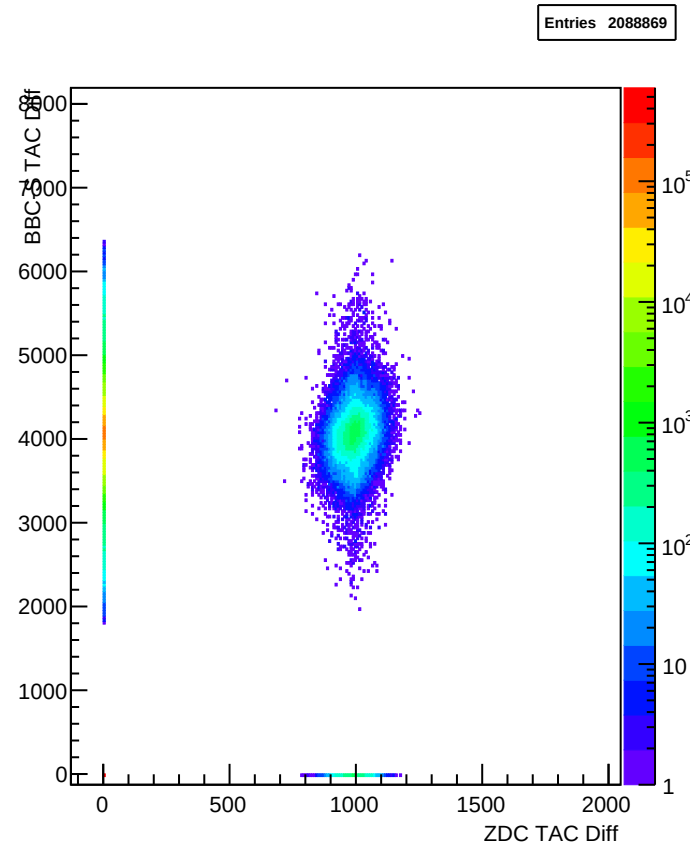

Entries 2088869
VPD-East ADC Sum
ZDC-East ADC Sum Att

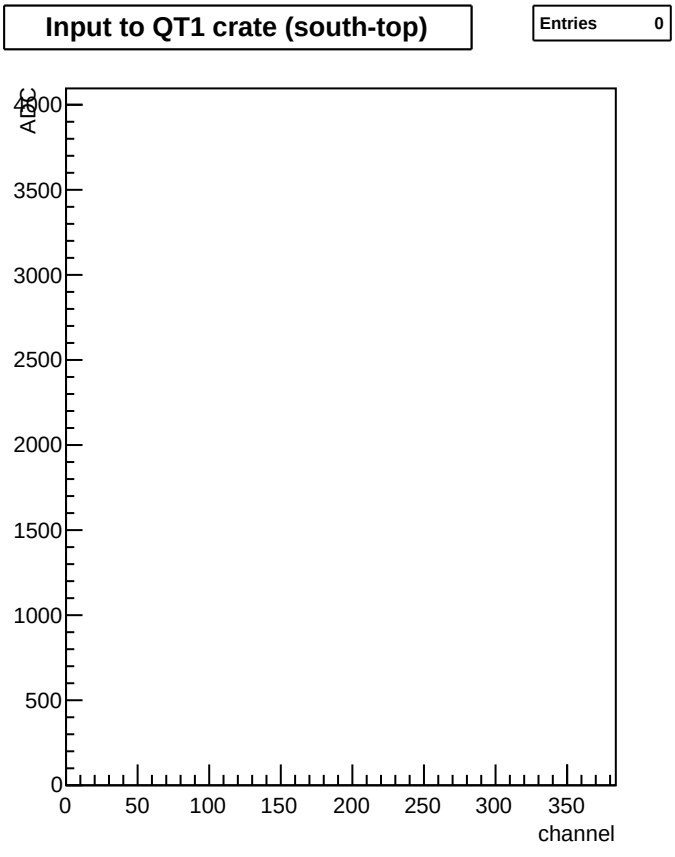

Entries 2088869
VPD-West ADC Sum
ZDC-West ADC Sum Att

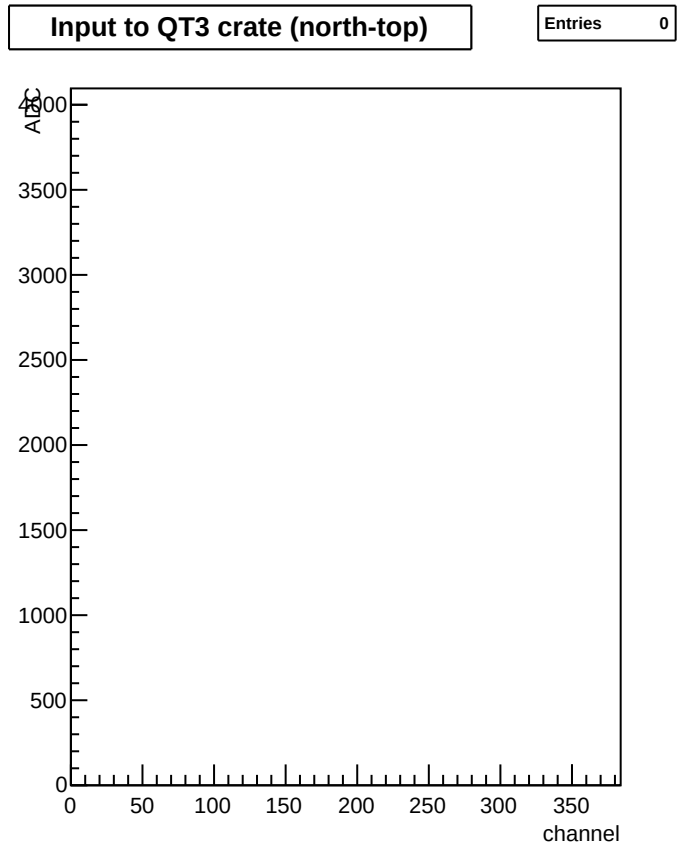

Entries 2088869
BBC-S-East ADC Sum
BBC-S-West ADC Sum

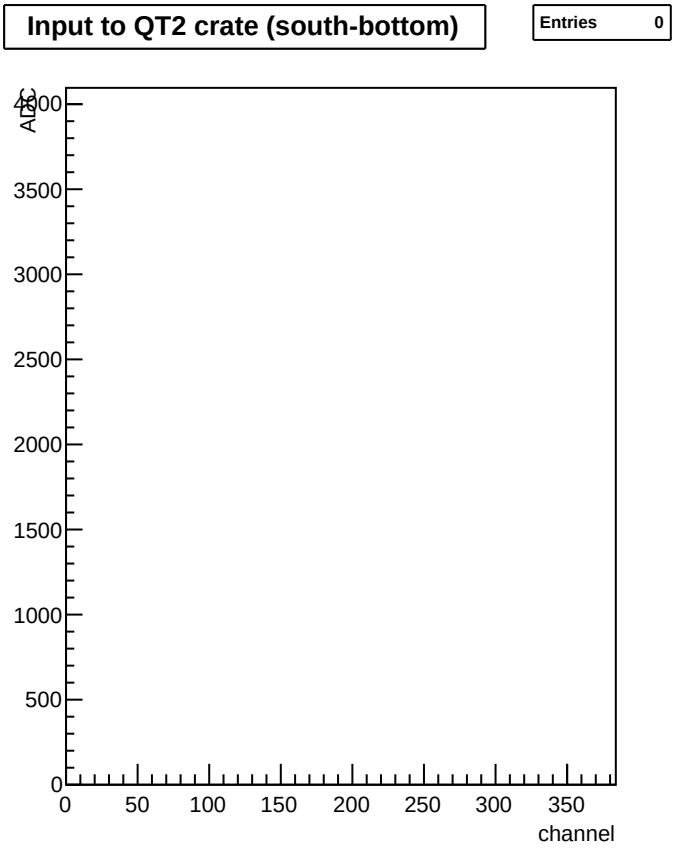

Entries 2088869
ZDC East ADC Sum Att
ZDC West ADC Sum Att

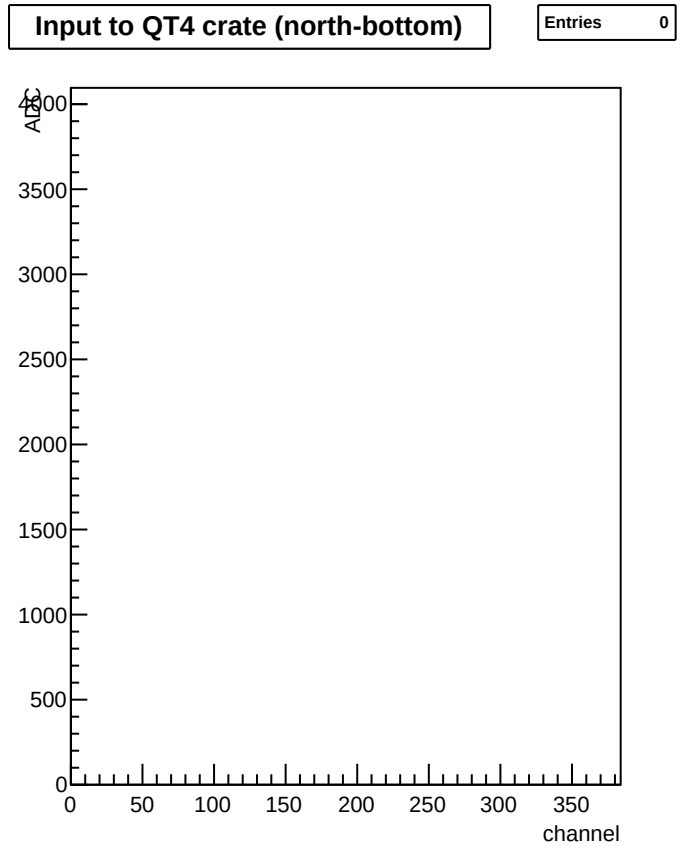

Entries 2088869
VPD East ADC Sum
VPD West ADC Sum

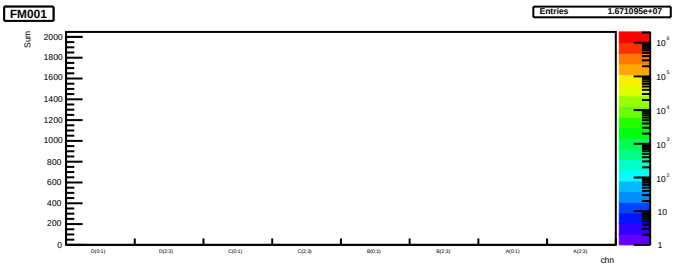

Entries 2088869
BBC-S TAC Diff
ZDC TAC Diff

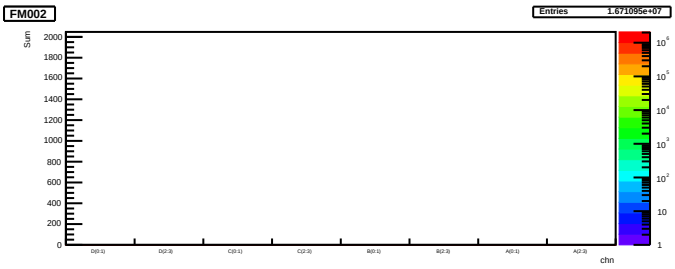

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

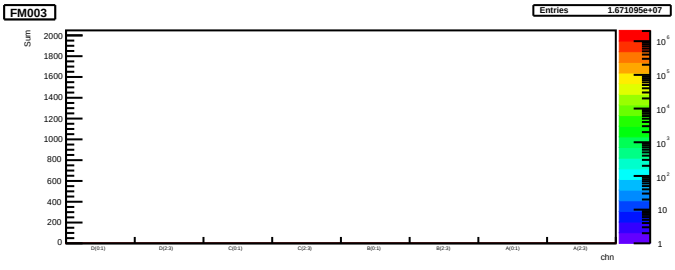

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

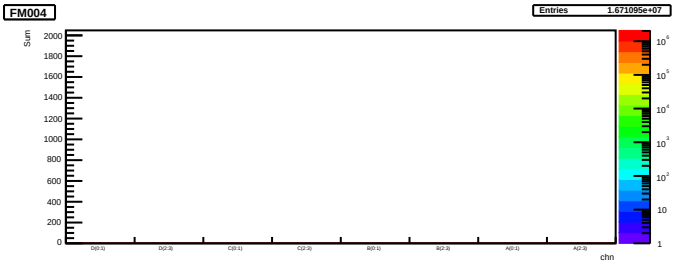

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

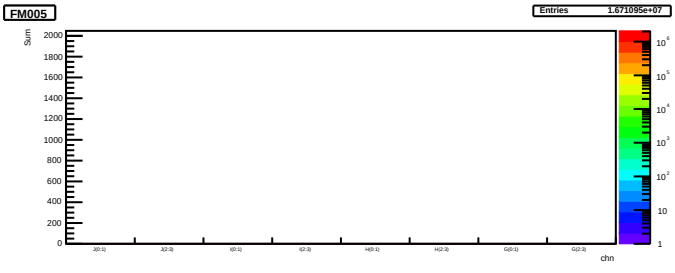

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel


FM001
Entries 1.671095e+07
Sum
chn


FM002
Entries 1.671095e+07
Sum
chn


FM003
Entries 1.671095e+07
Sum
chn


FM004
Entries 1.671095e+07
Sum
chn


FM005
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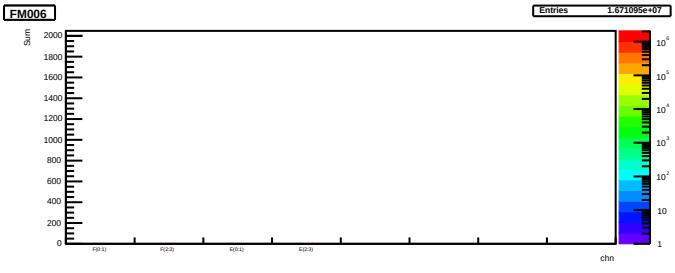
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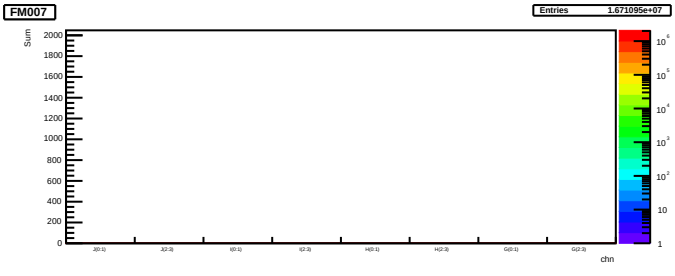
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Sum
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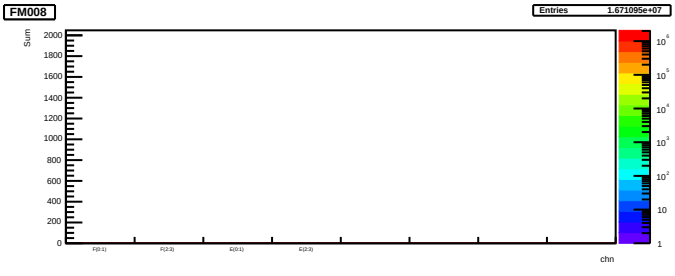
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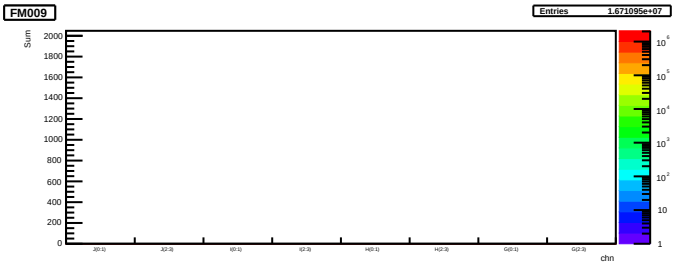
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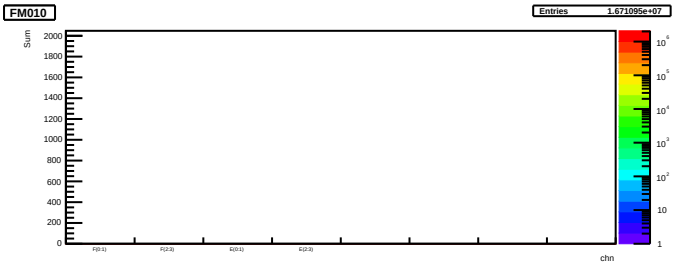
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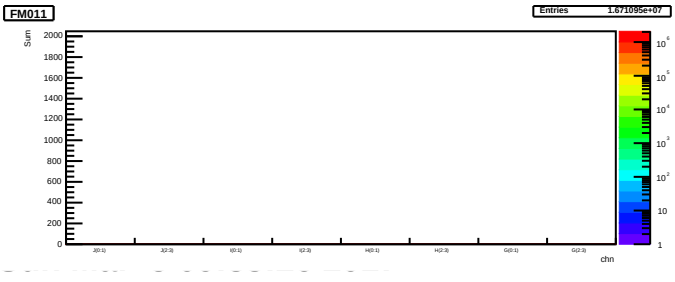
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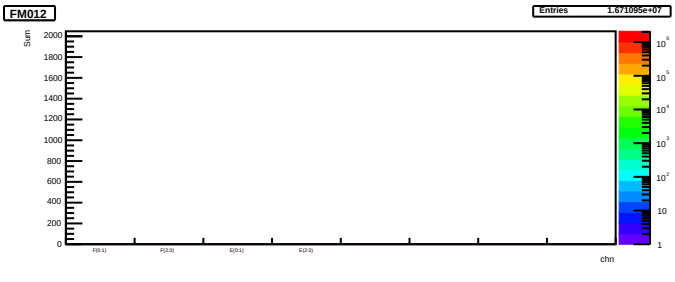
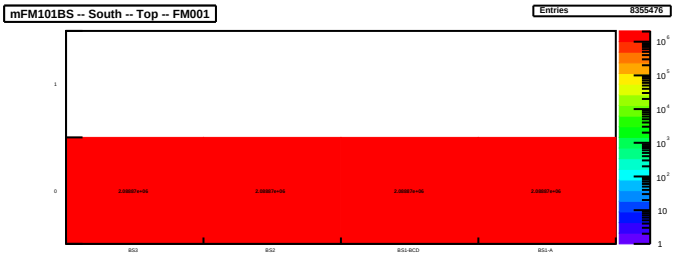
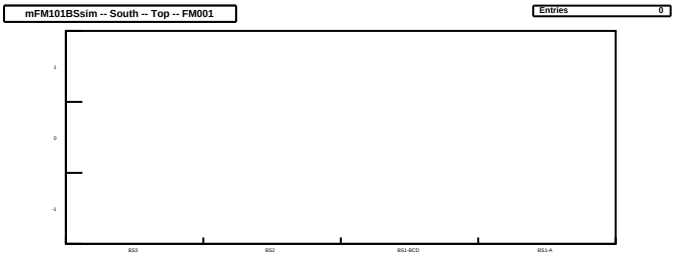

FM012
Entries 1.671095e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 8355476
BS3
BS2
BS1-BCD
BS1-A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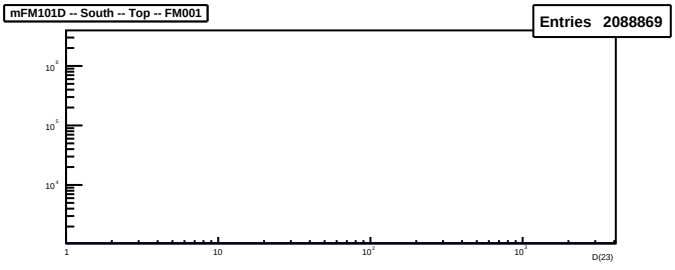
Entries 0
BS3
BS2
BS1-BCD
BS1-A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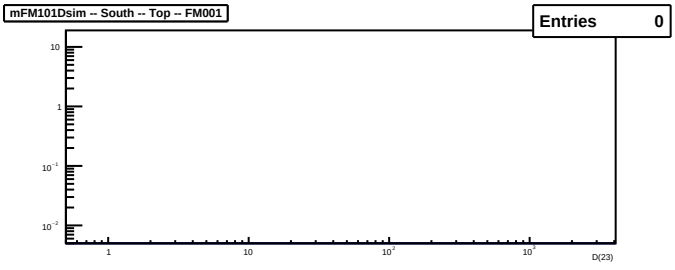
Entries 2088869
D(23)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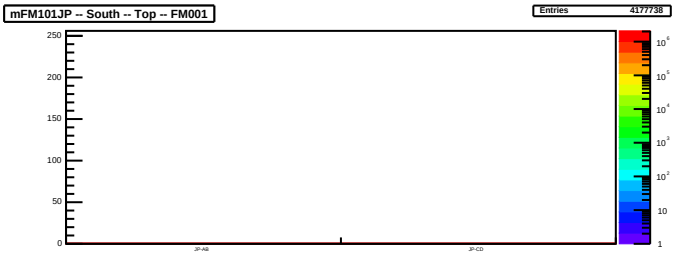
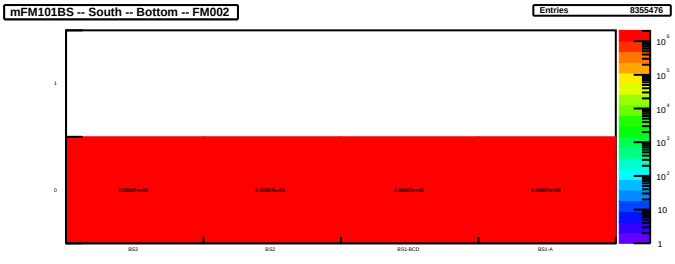
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4177738
JP-AB
JP-CD

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD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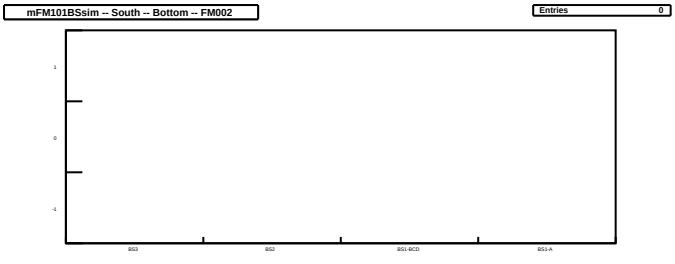
Entries 8355476
BS3
BS2
BS1-BCD
BS1-A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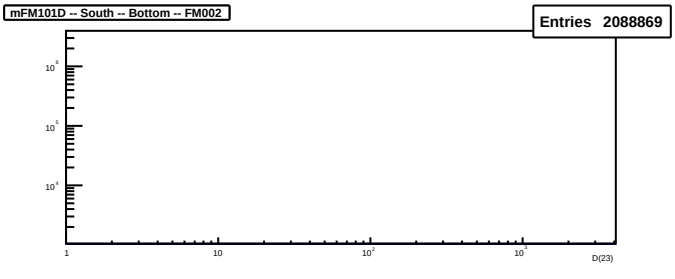
Entries 0
BS3
BS2
BS1-BCD
BS1-A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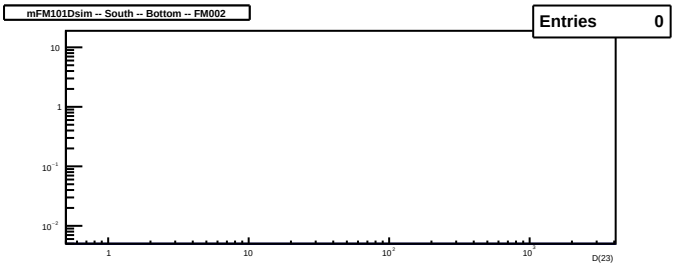
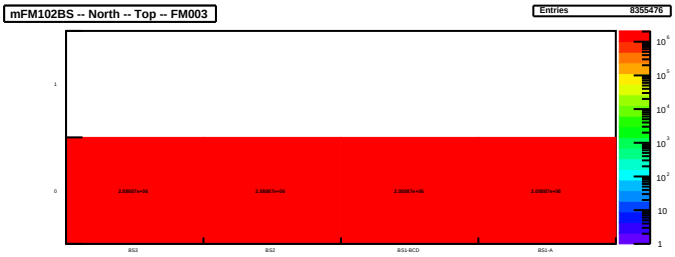
Entries 2088869
D(23)

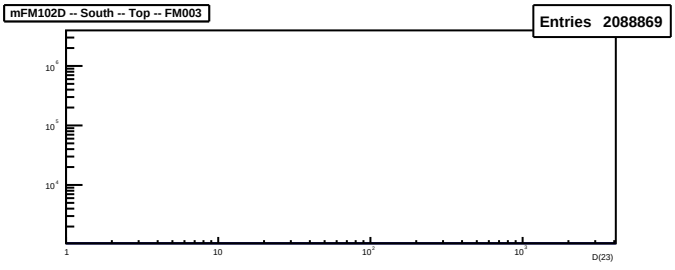

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 4177738
JP-AB
JP-CD

mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 8355476
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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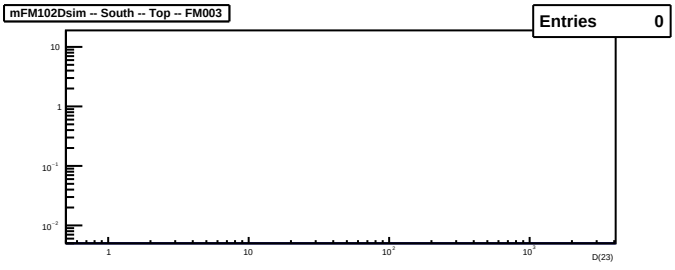
Entries 2088869
D(23)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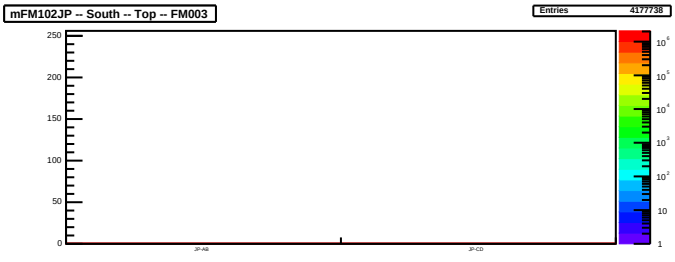
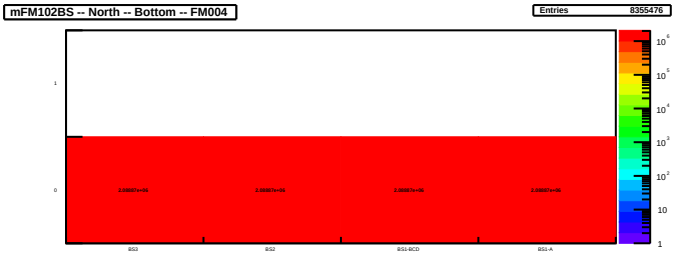
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 4177738
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD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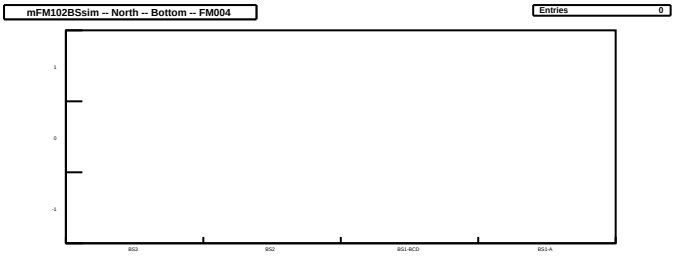
Entries 8355476
BS3
BS2
BS1-BCD
BS1-A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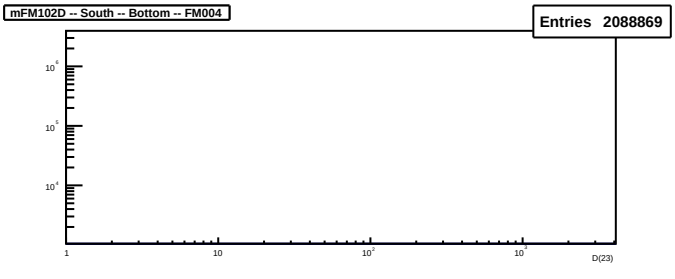
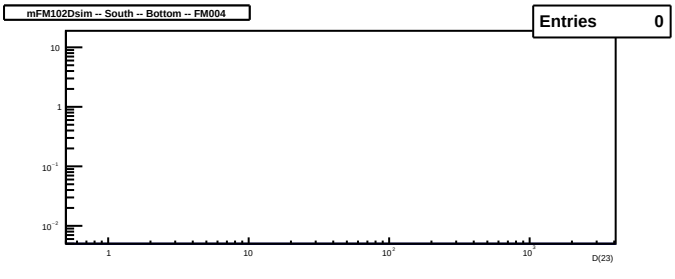
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 2088869
D(23)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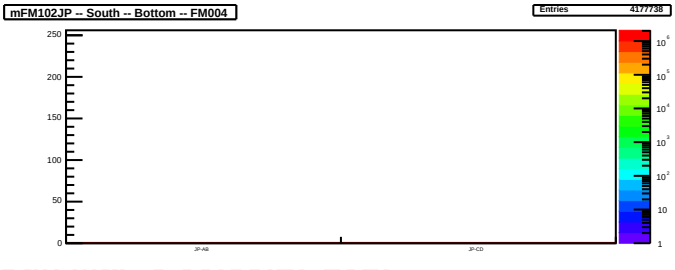
Entries 0
D(23)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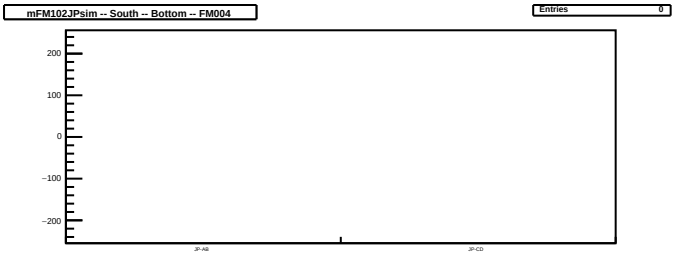
Entries 4177738
JP-AB
JP-CD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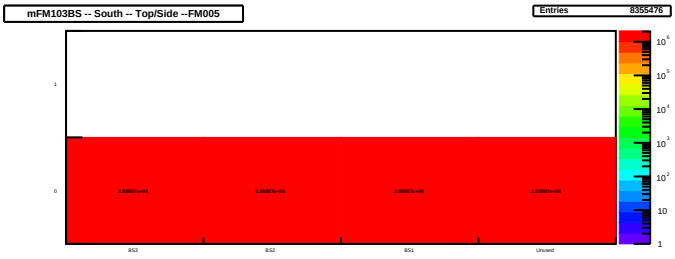
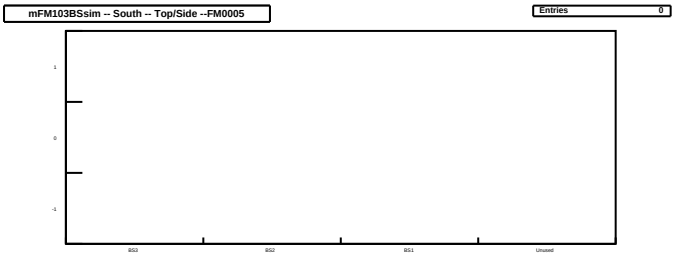
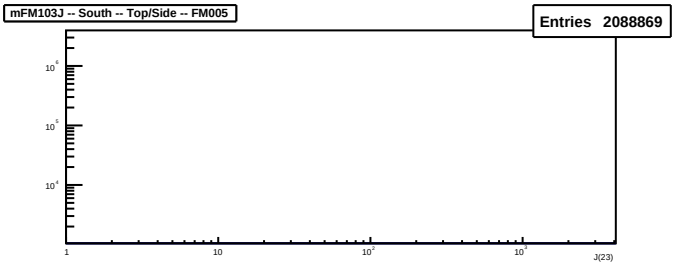
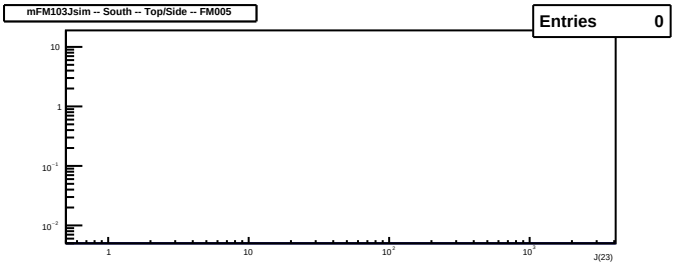
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 8355476
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 2088869
J(23)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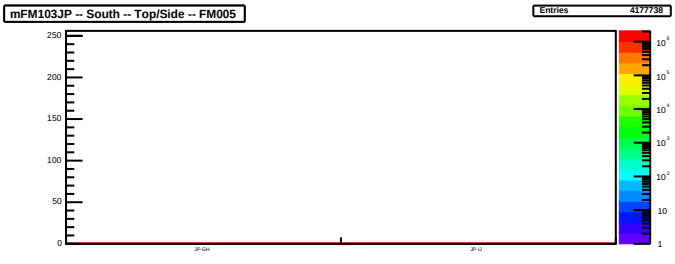
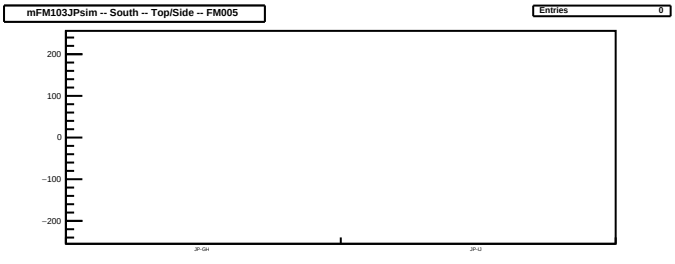
Entries 0
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 4177738
JP-GH
JP-IJ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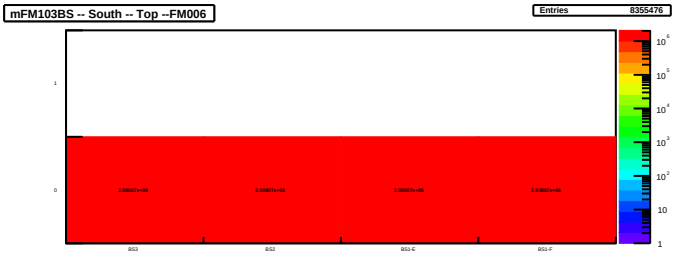
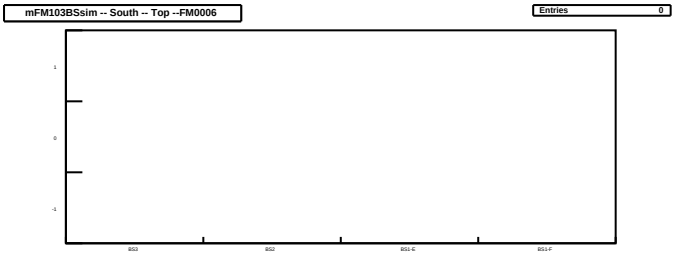
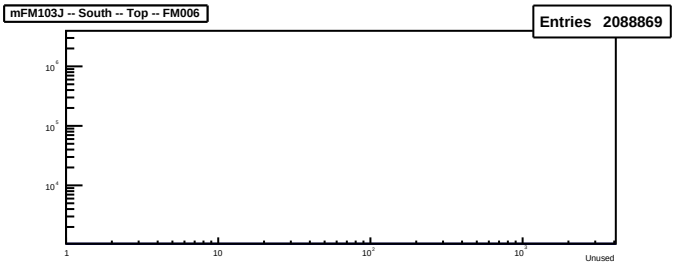
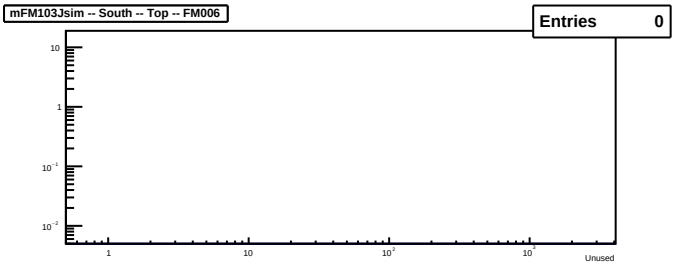
Entries 0
JP-GH
JP-IJ

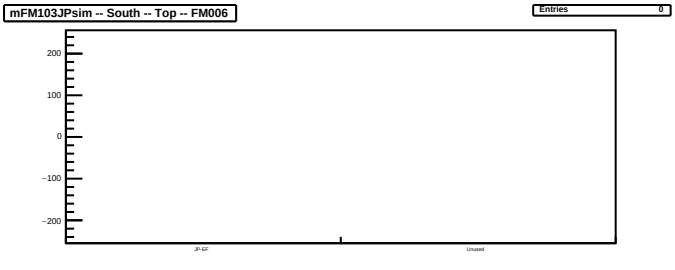

mFM103BS -- South -- Top --FM006
Entries 8355476
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 2088869
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

mFM103JP -- South -- Top -- FM006
Entries 4177738
JP-EF
Unused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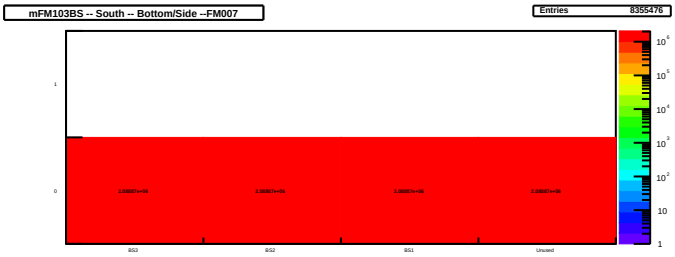
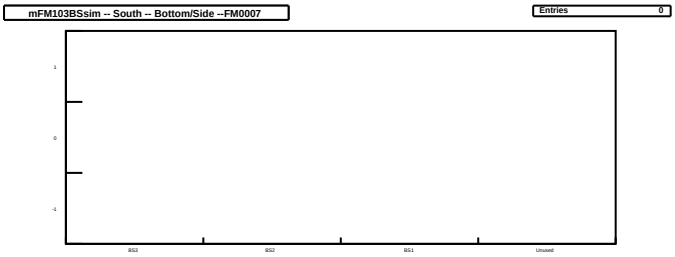
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 8355476
BS3
BS2
BS1
Unused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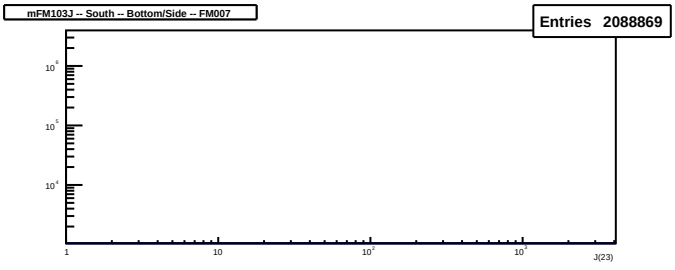
Entries 0
BS3
BS2
BS1
Unused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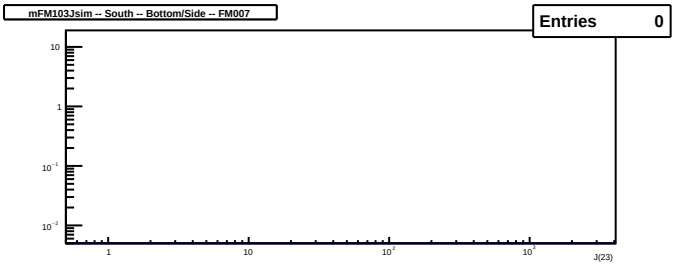
Entries 2088869
J(23)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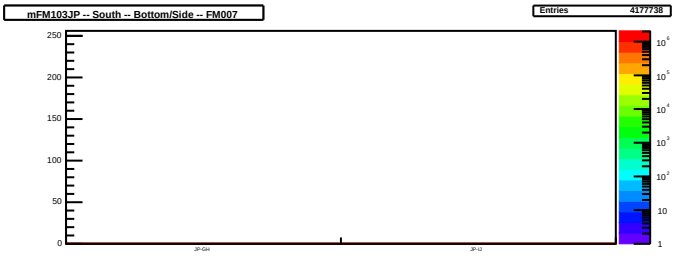
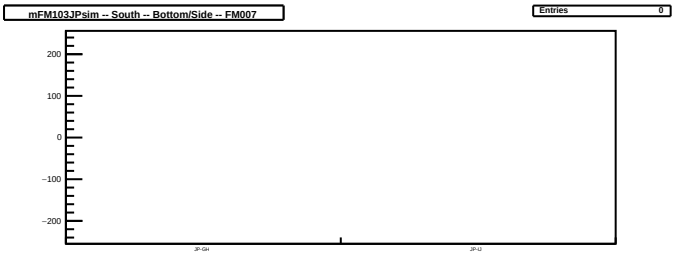
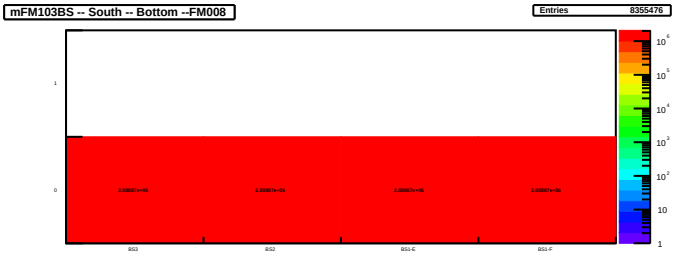
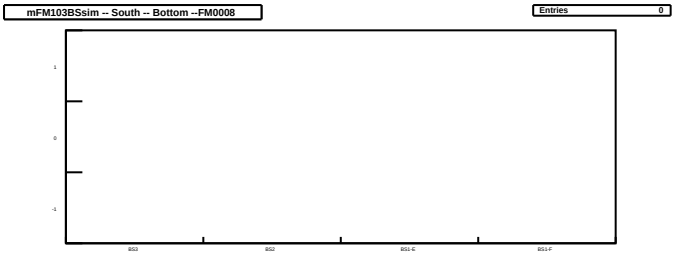
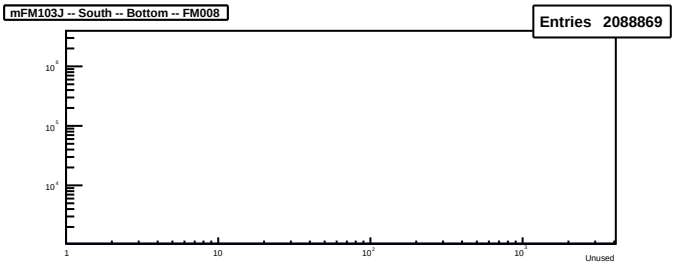
Entries 0
J(23)

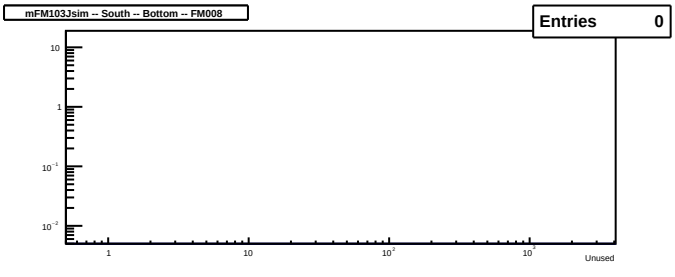

mFM103JP -- South -- Bottom/Side -- FM007
Entries 4177738
JP-GH
JP-U

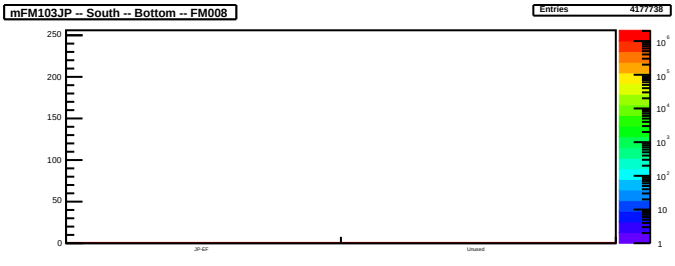

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-U

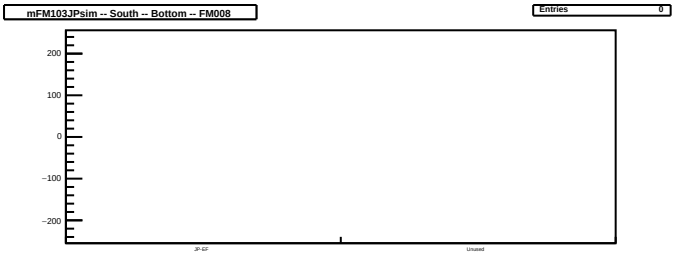

mFM103BS -- South -- Bottom --FM008
Entries 8355476
BS3
BS2
BS1-E
BS1-F

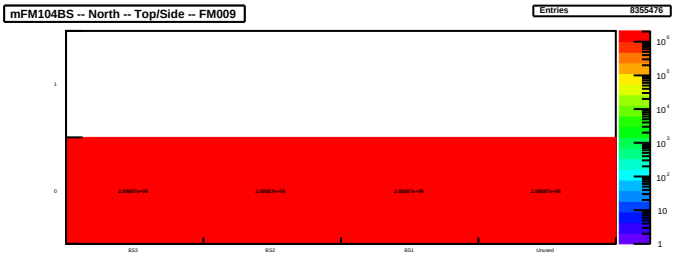

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F

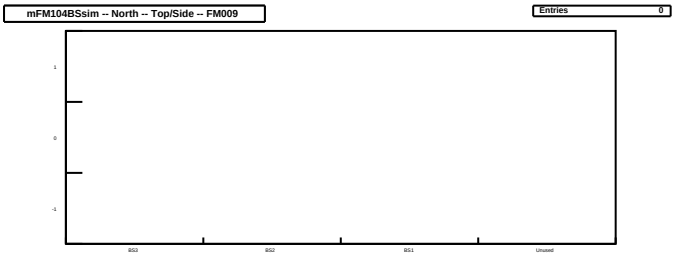

mFM103J -- South -- Bottom -- FM008
Entries 2088869
Unused

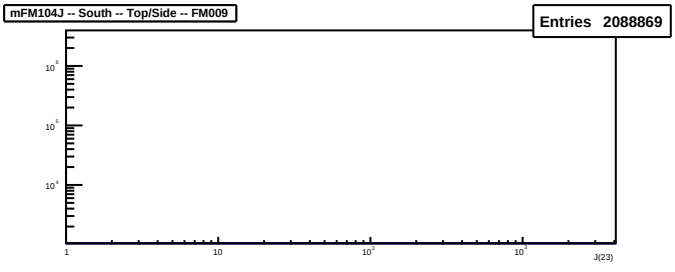

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

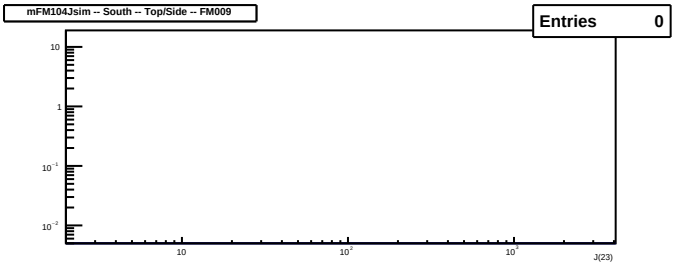

mFM103JP -- South -- Bottom -- FM008
Entries 4177738
JP-EF
Unused

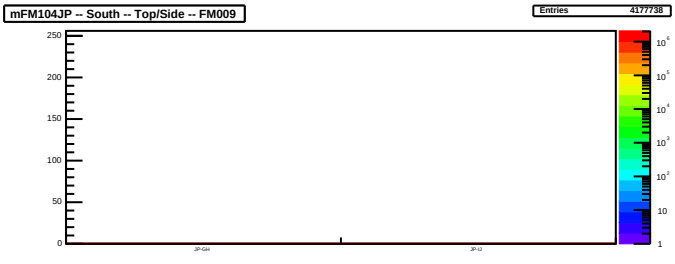

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

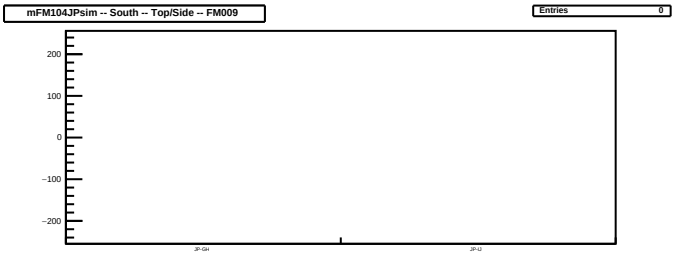

mFM104BS -- North -- Top/Side -- FM009
Entries 8355476
BS3
BS2
BS1
Unused

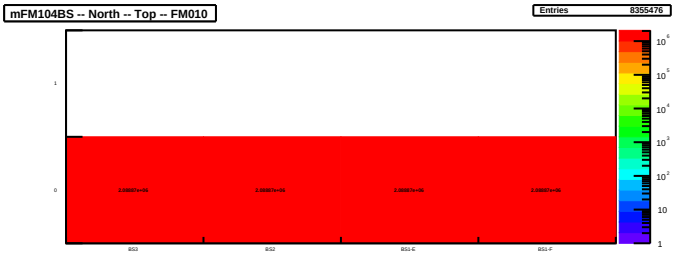

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

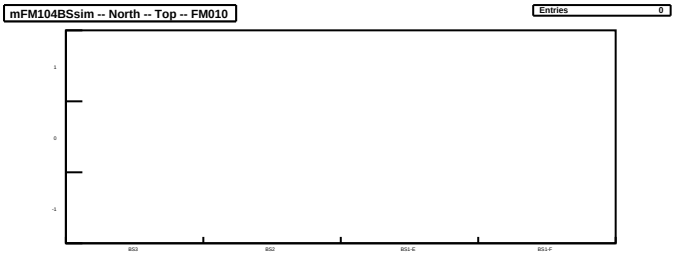

mFM104J -- South -- Top/Side -- FM009
Entries 2088869
J(23)

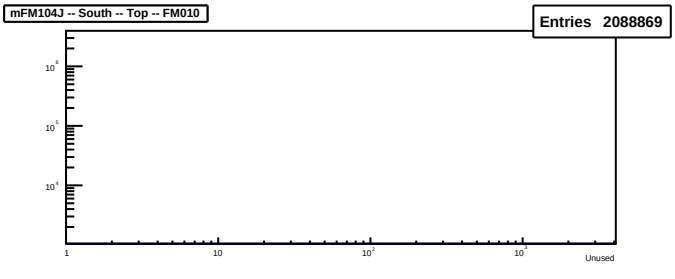

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

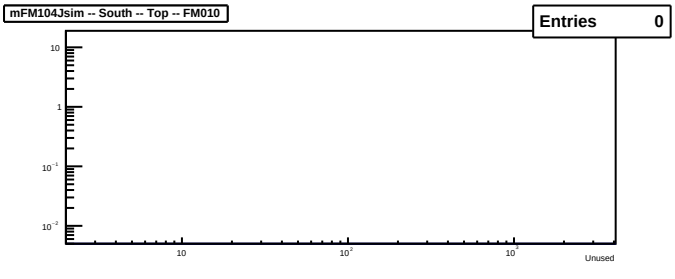

mFM104JP -- South -- Top/Side -- FM009
Entries 4177738
JP-GH
JP-U


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

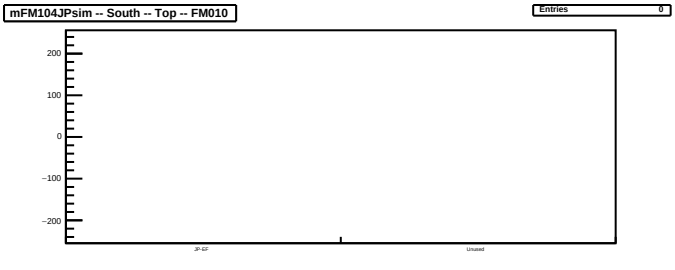

mFM104BS -- North -- Top -- FM010
Entries 8355476
BS3
BS2
BS1-E
BS1-F

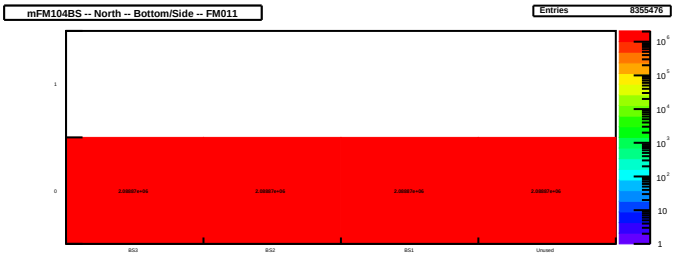

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

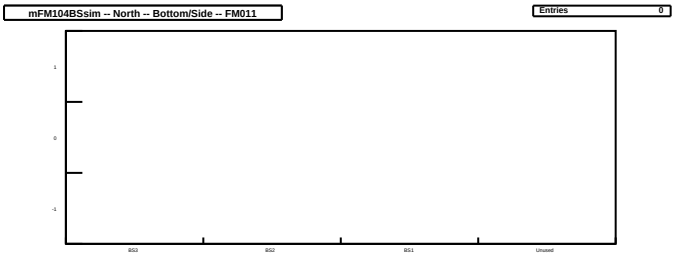

mFM104J -- South -- Top -- FM010
Entries 2088869
Unused

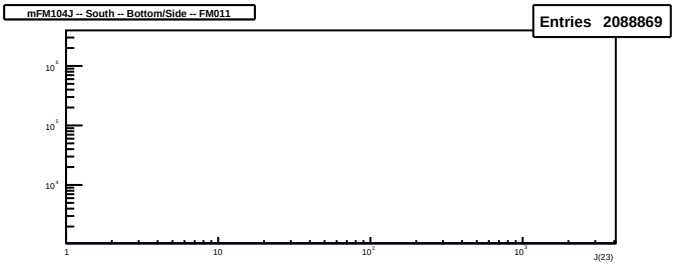

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

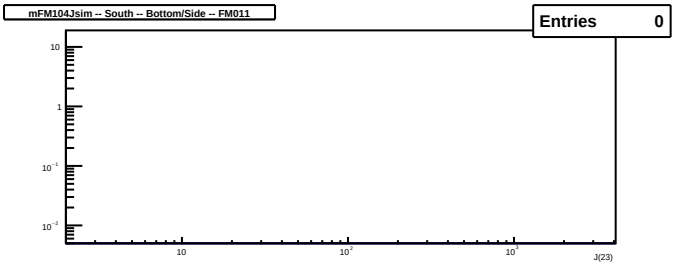
mFM104JP -- South -- Top -- FM010
Entries 4177738
JP-EF
Unused

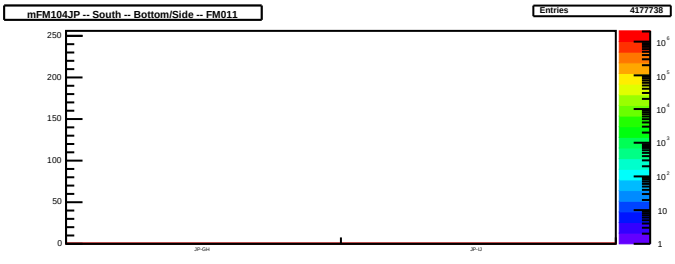

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

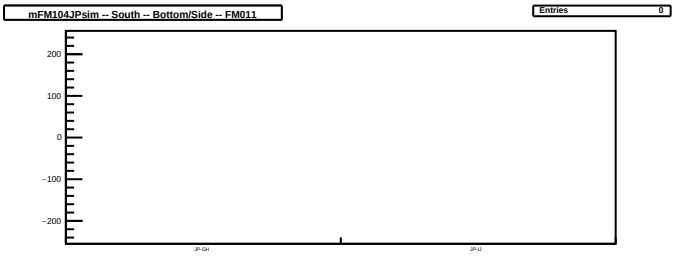

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8355476
BS3
BS2
BS1
Unused

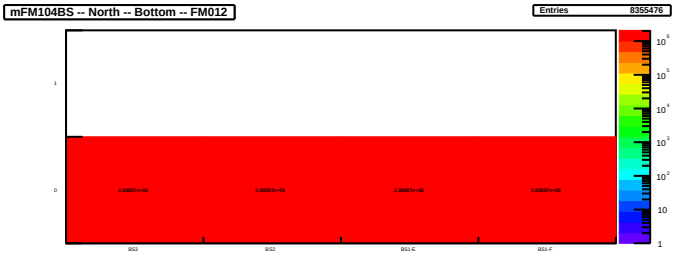

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

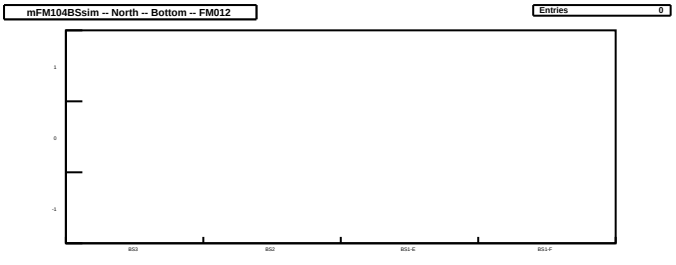

mFM104J -- South -- Bottom/Side -- FM011
Entries 2088869
J(23)

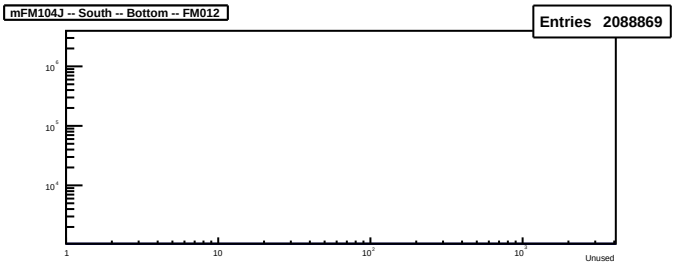

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

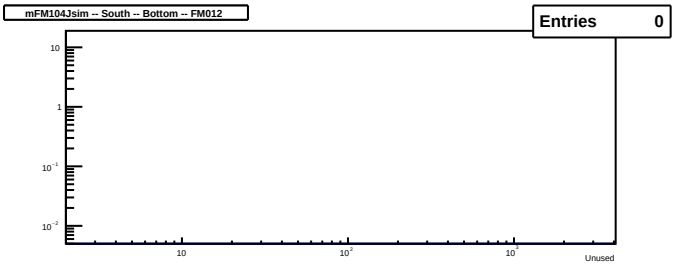

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4177738
JP-GH
JP-IJ


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

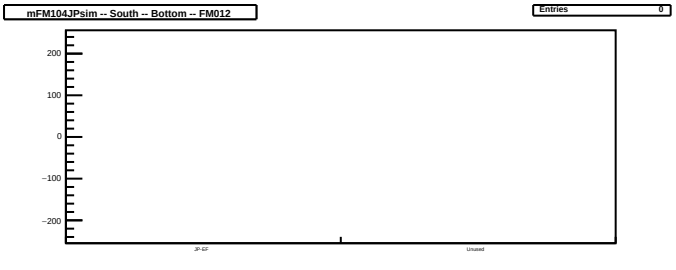

mFM104BS -- North -- Bottom -- FM012
Entries 8355476
BS3
BS2
BS1-E
BS1-F

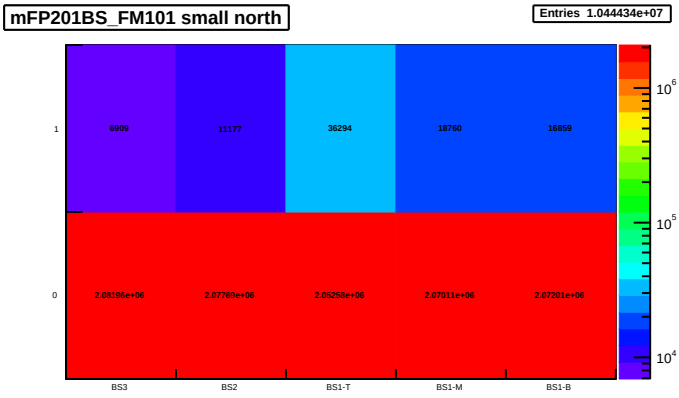

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

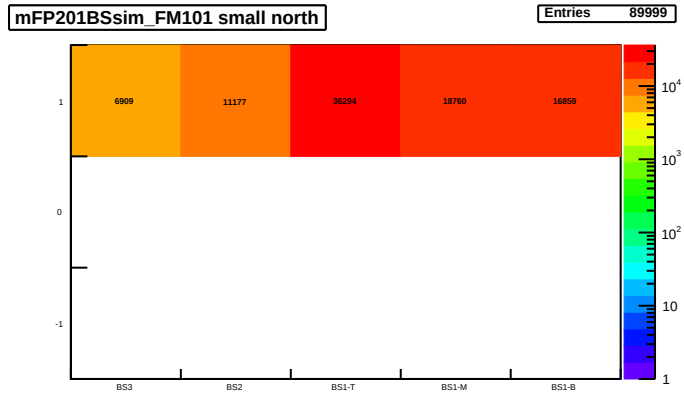

mFM104J -- South -- Bottom -- FM012
Entries 2088869
Unused

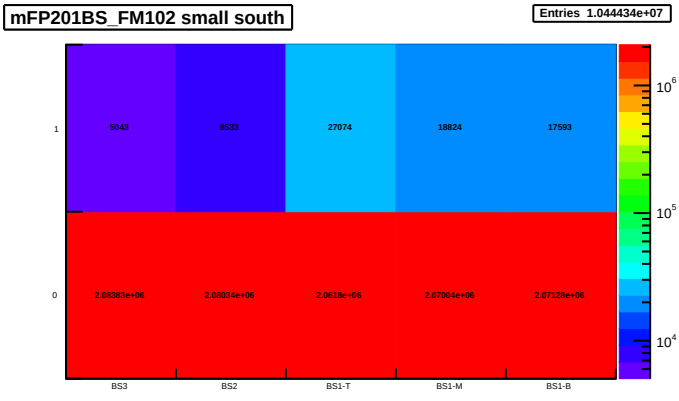

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

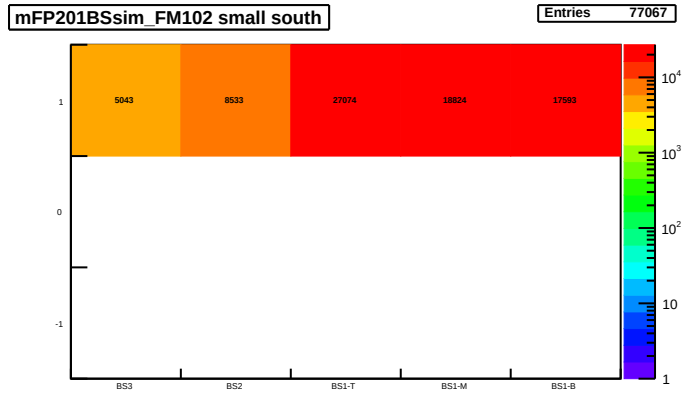
mFM104JP -- South -- Bottom -- FM012
Entries 4177738
JP-EF
Unused

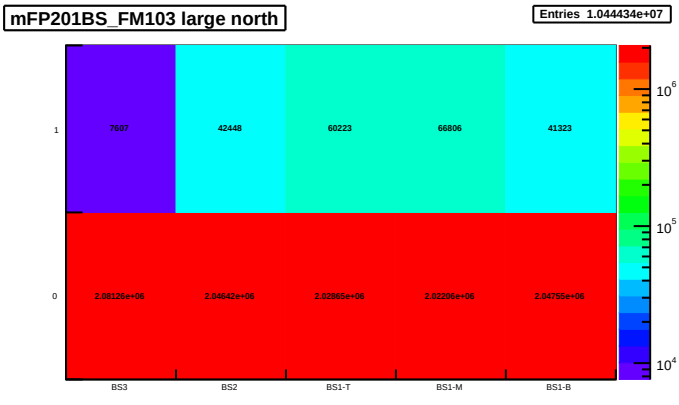

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

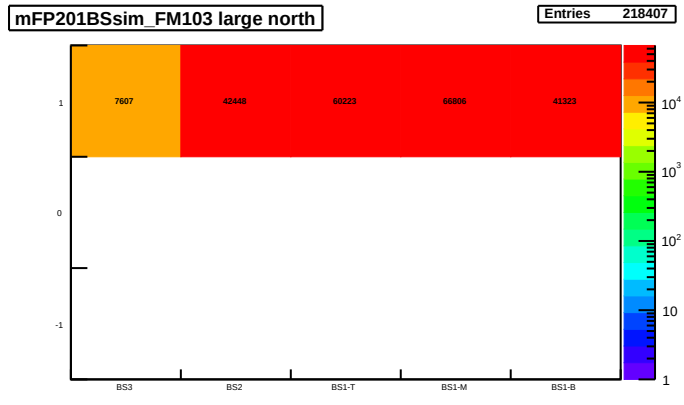

mFP201BS_FM101 small north
Entries 1.044434e+07
6909
11177
36294
18760
16859
2.08196e+06
2.07769e+06
2.05258e+06
2.07011e+06
2.07201e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

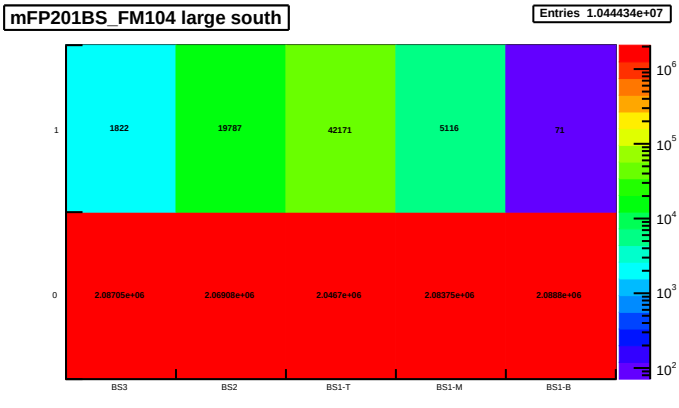

mFP201BSsim_FM101 small north
Entries 89999
6909
11177
36294
18760
16859
BS3
BS2
BS1-T
BS1-M
BS1-B

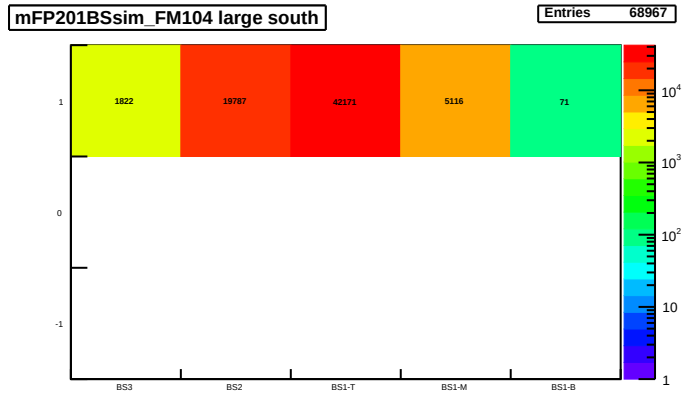

mFP201BS_FM102 small south
Entries 1.044434e+07
5043
8533
27074
18824
17593
2.08383e+06
2.08034e+06
2.0618e+06
2.07004e+06
2.07128e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

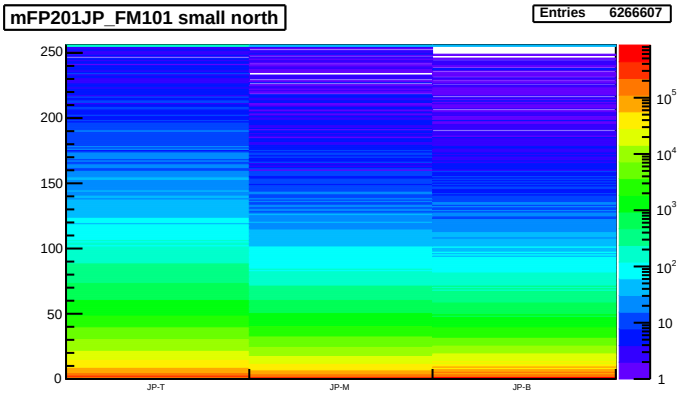

mFP201BSsim_FM102 small south
Entries 77067
5043
8533
27074
18824
17593
BS3
BS2
BS1-T
BS1-M
BS1-B

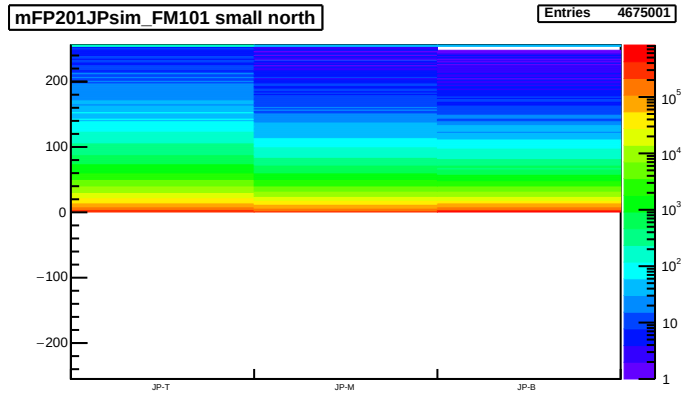

mFP201BS_FM103 large north
Entries 1.044434e+07
7607
42448
60223
66806
41323
2.08126e+06
2.04642e+06
2.02865e+06
2.02206e+06
2.04755e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

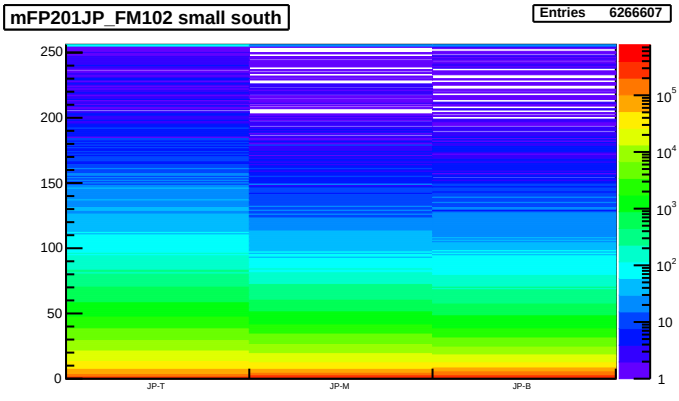

mFP201BSsim_FM103 large north
Entries 218407
7607
42448
60223
66806
41323
BS3
BS2
BS1-T
BS1-M
BS1-B

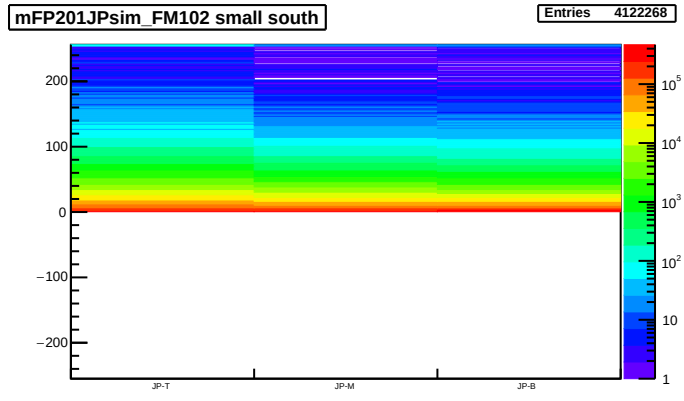

mFP201BS_FM104 large south
Entries 1.044434e+07
1822
19787
42171
5116
71
2.08705e+06
2.06908e+06
2.0467e+06
2.08375e+06
2.0888e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

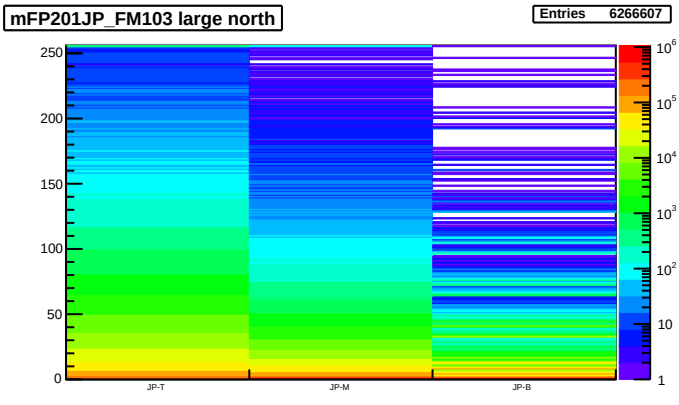

mFP201BSsim_FM104 large south
Entries 68967
1822
19787
42171
5116
71
BS3
BS2
BS1-T
BS1-M
BS1-B

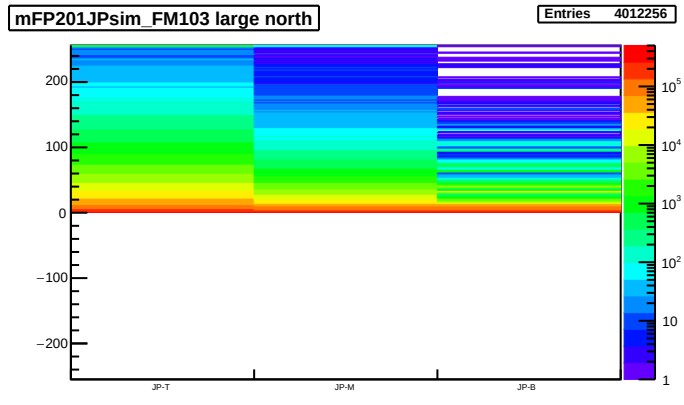

mFP201JP_FM101 small north
Entries 6266607
JP-T
JP-M
JP-B

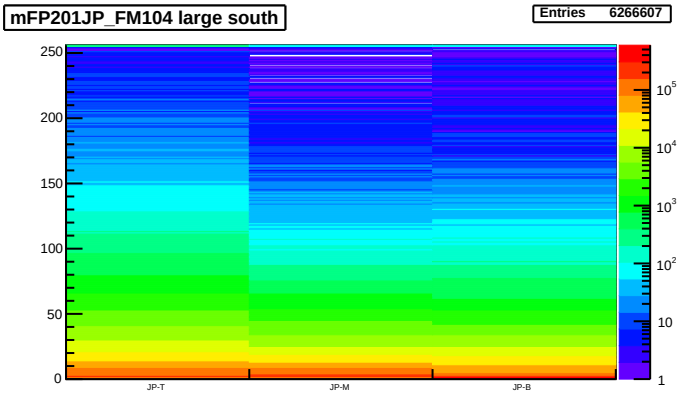

mFP201JPsim_FM101 small north
Entries 4675001
JP-T
JP-M
JP-B

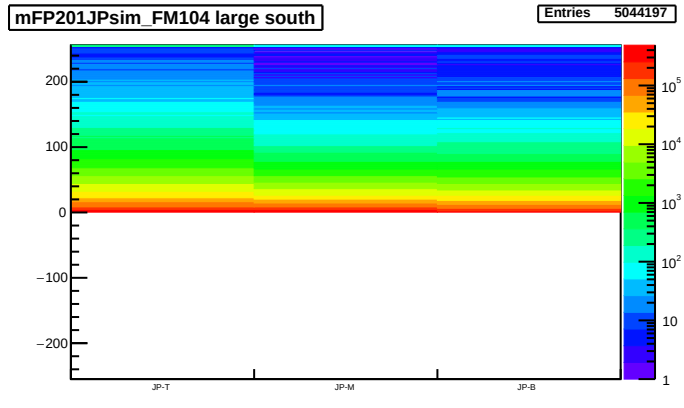

mFP201JP_FM102 small south
Entries 6266607
JP-T
JP-M
JP-B

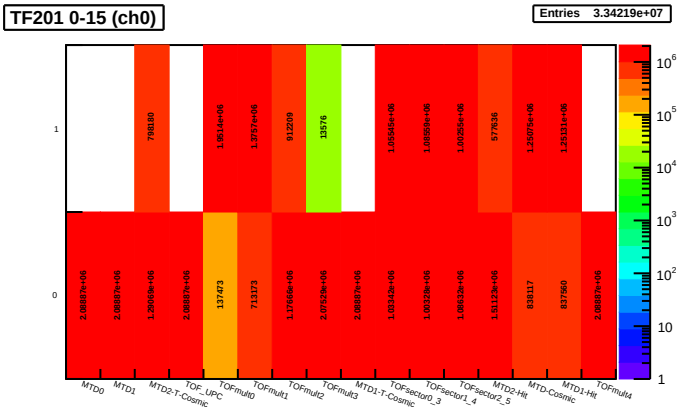

mFP201JPsim_FM102 small south
Entries 4122268
JP-T
JP-M
JP-B

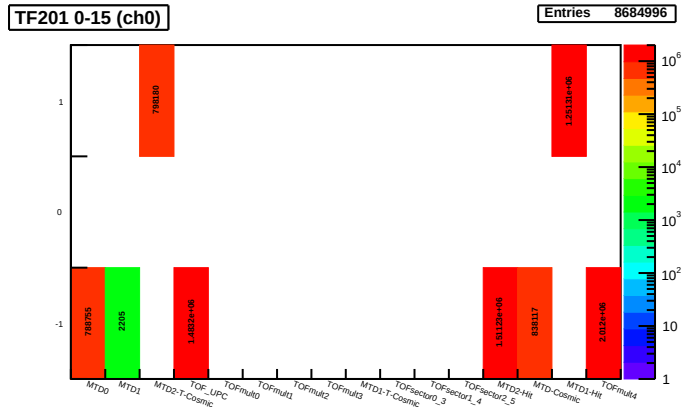

mFP201JP_FM103 large north
Entries 6266607
JP-T
JP-M
JP-B

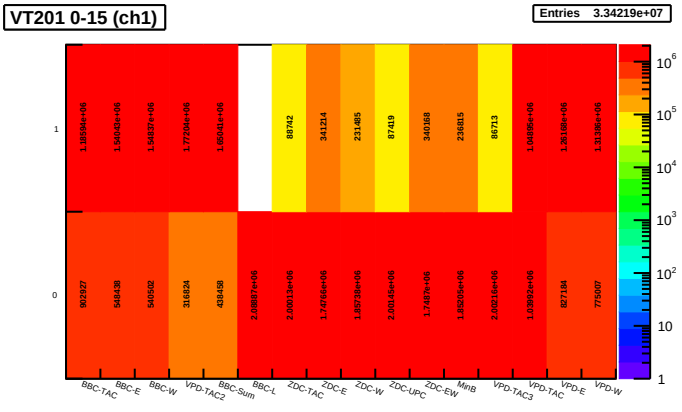

mFP201JPsim_FM103 large north
Entries 4012256
JP-T
JP-M
JP-B

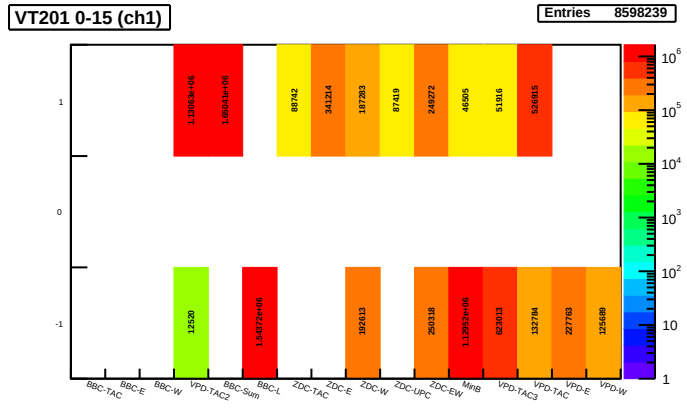

mFP201JP_FM104 large south
Entries 6266607
JP-T
JP-M
JP-B

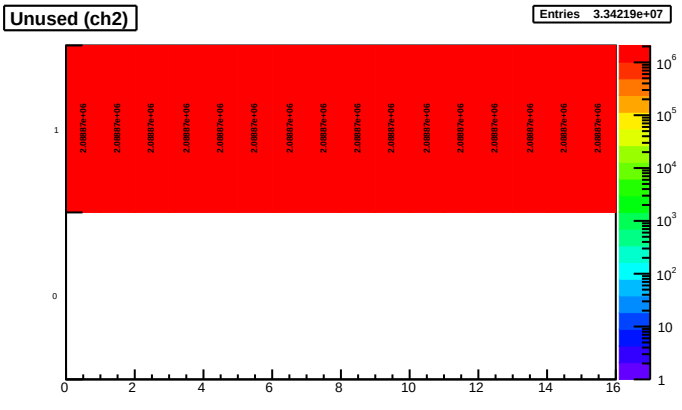

mFP201JPsim_FM104 large south
Entries 5044197
JP-T
JP-M
JP-B

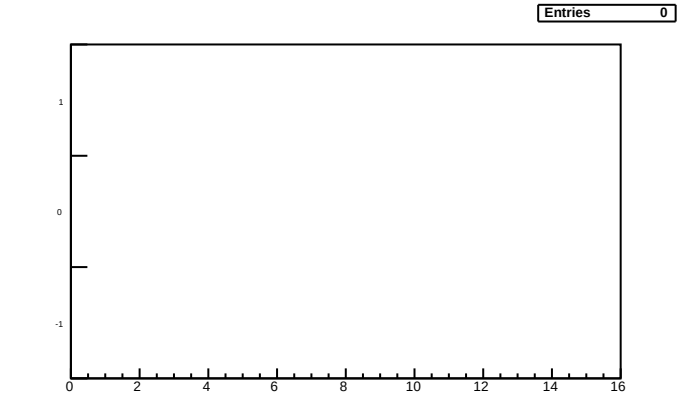

TF201 0-15 (ch0)
Entries 3.34219e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

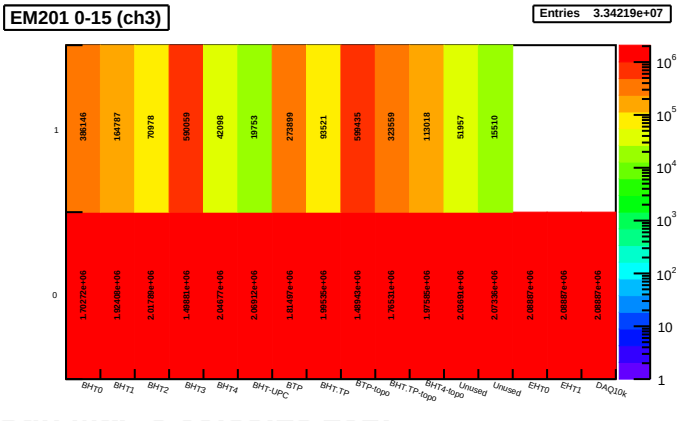

TF201 0-15 (ch0)
Entries 8684996
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

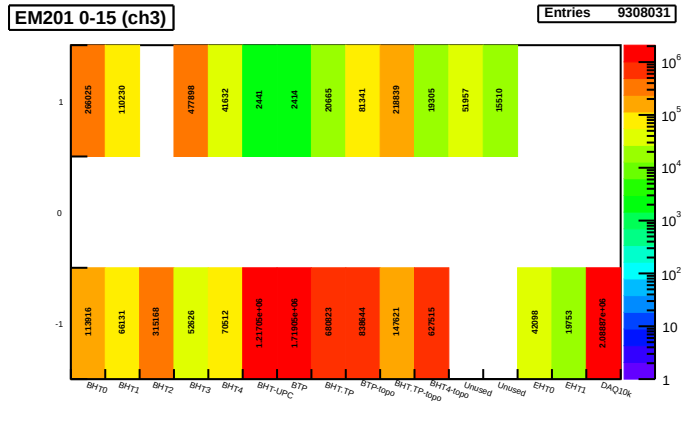

VT201 0-15 (ch1)
Entries 3.34219e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

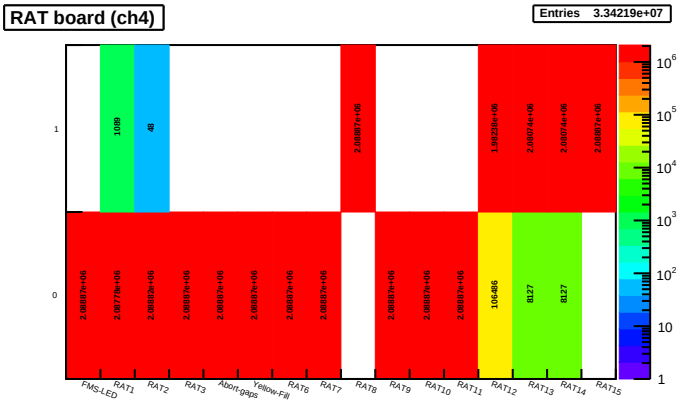

VT201 0-15 (ch1)
Entries 8598239
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

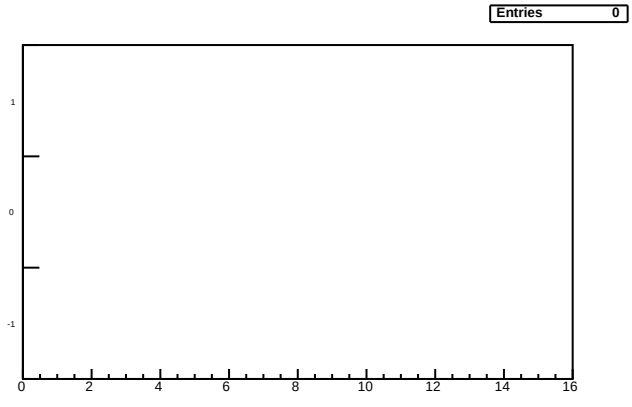

Unused (ch2)
Entries 3.34219e+07

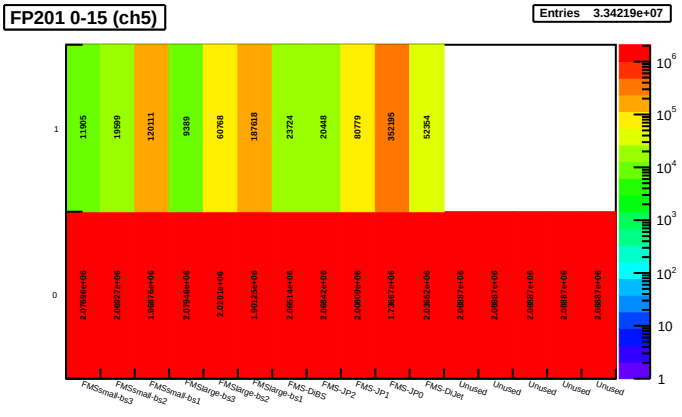

Entries 0

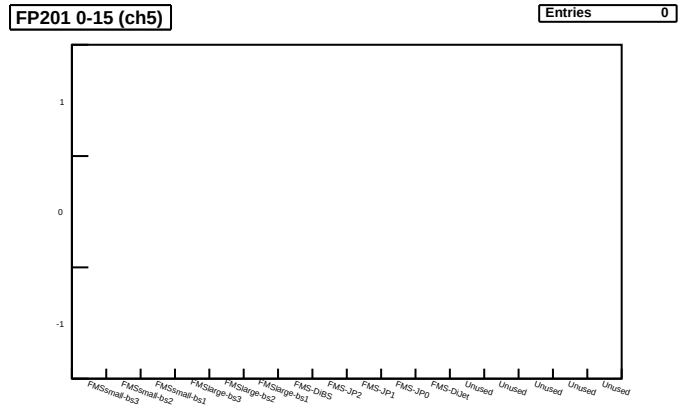

EM201 0-15 (ch3)
Entries 3.34219e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

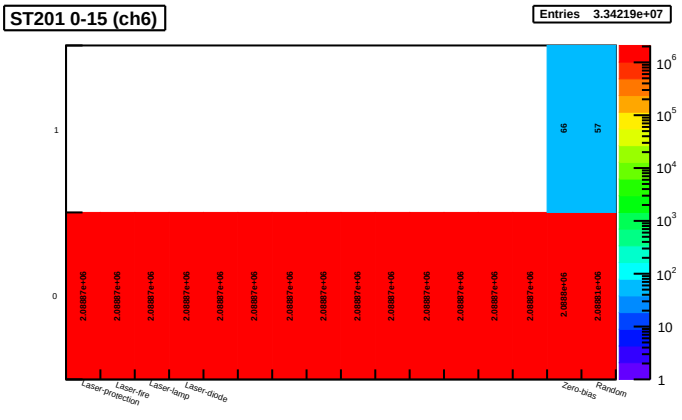

EM201 0-15 (ch3)
Entries 9308031
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

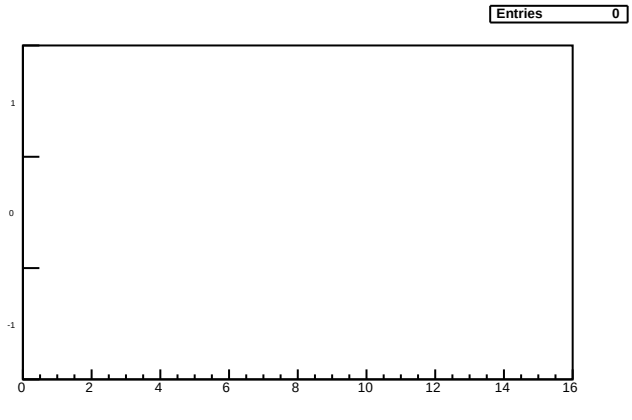

RAT board (ch4)
Entries 3.34219e+07
1089
48
2.08887e+06
1.93238e+06
2.00074e+06
2.08887e+06
2.08887e+06
2.09776e+06
2.08382e+06
2.08887e+06
2.08382e+06
2.08887e+06
2.08382e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
106486
8127
8127
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

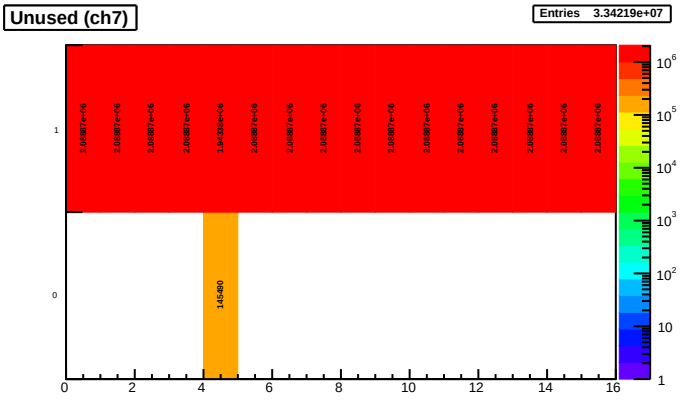

Entries 0

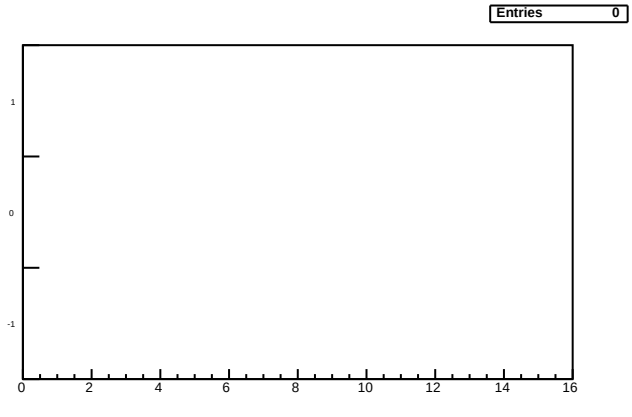

FP201 0-15 (ch5)
Entries 3.34219e+07
11305
19999
120111
9389
60768
107618
23724
20448
80779
352195
52354
2.07896e+06
2.08027e+06
1.98076e+06
2.07549e+06
2.02316e+06
1.90125e+06
2.06514e+06
2.06942e+06
2.08809e+06
1.73067e+06
2.03552e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


ST201 0-15 (ch6)
Entries 3.34219e+07
66
57
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.0888e+06
2.08881e+06
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 3.34219e+07
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
1.94238e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
2.08887e+06
145480


Entries 0