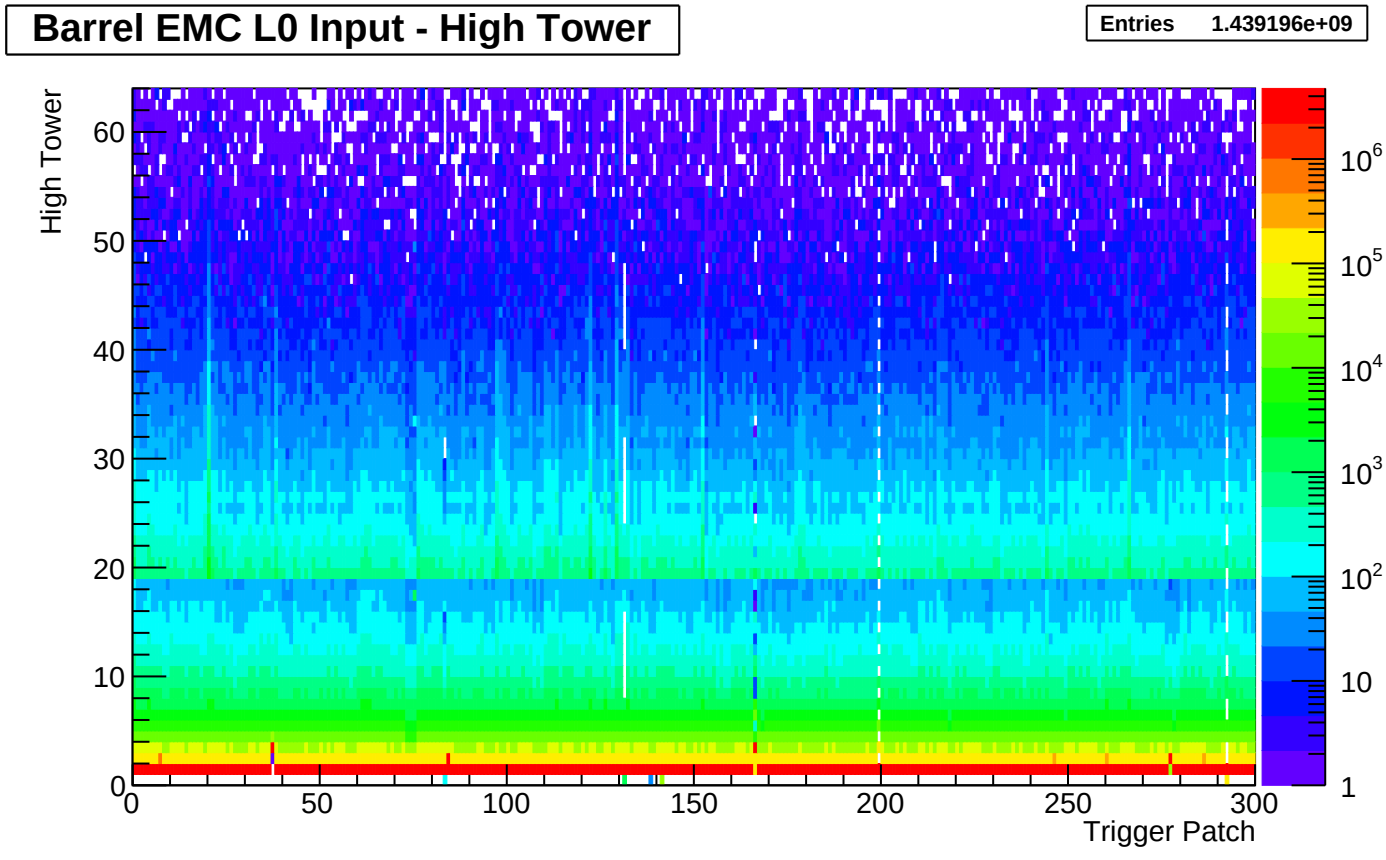
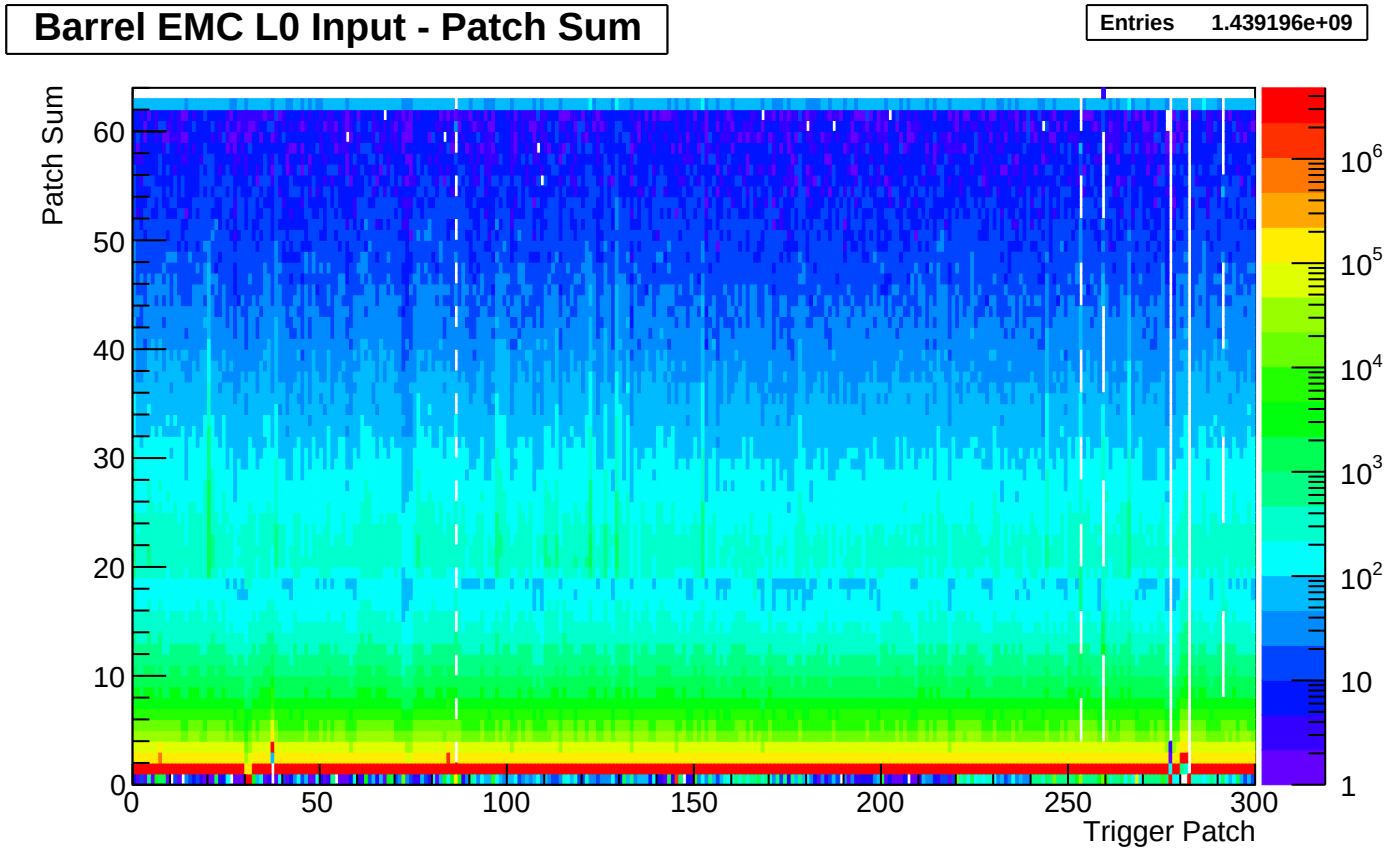
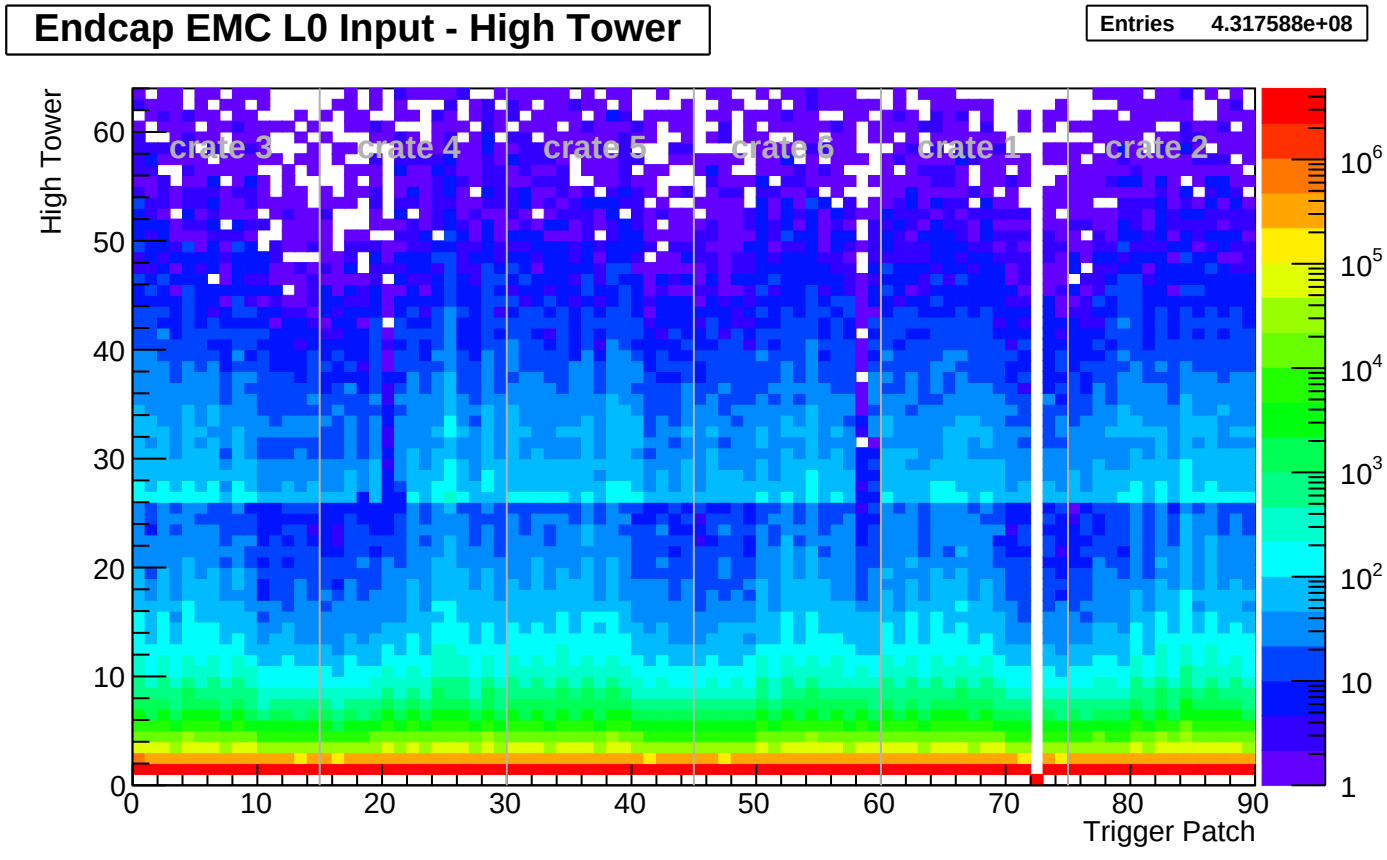
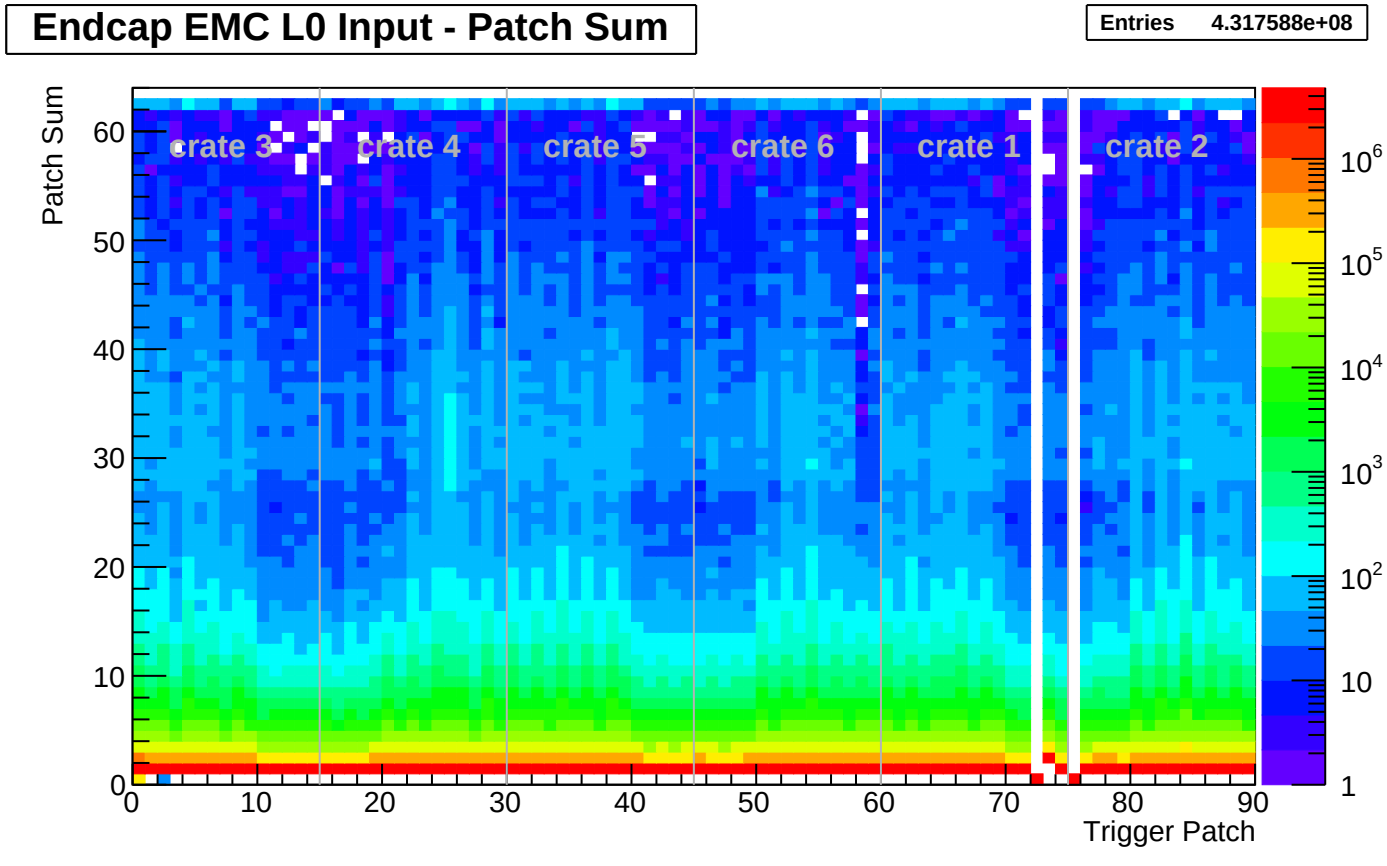
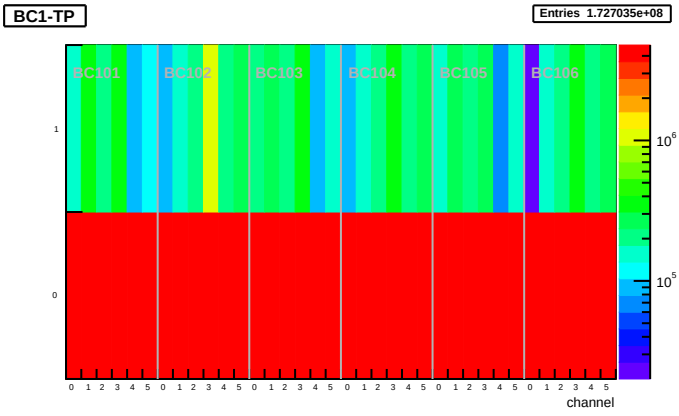
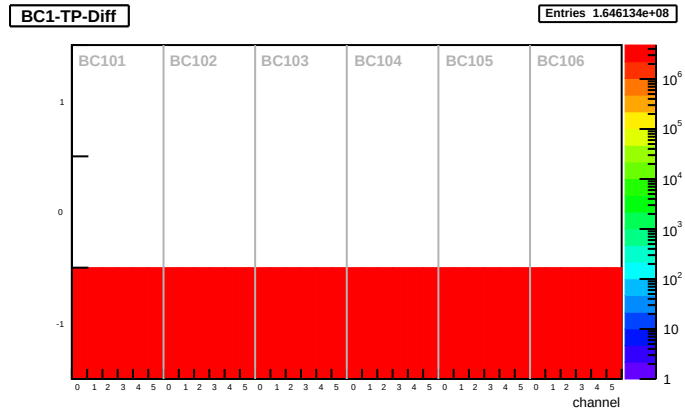

Barrel EMC L0 Input - High Tower
Entries 1.439196e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

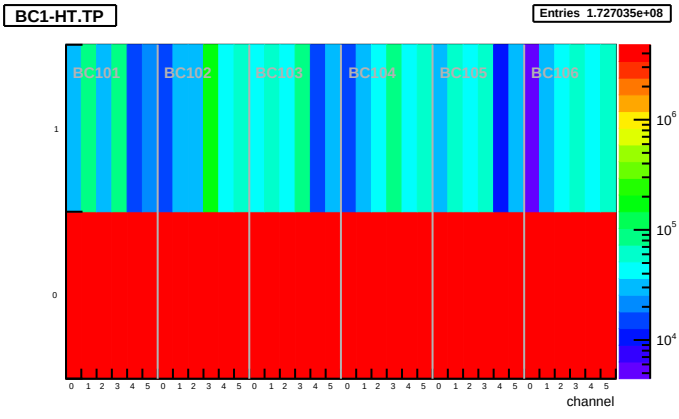

Barrel EMC L0 Input - Patch Sum
Entries 1.439196e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

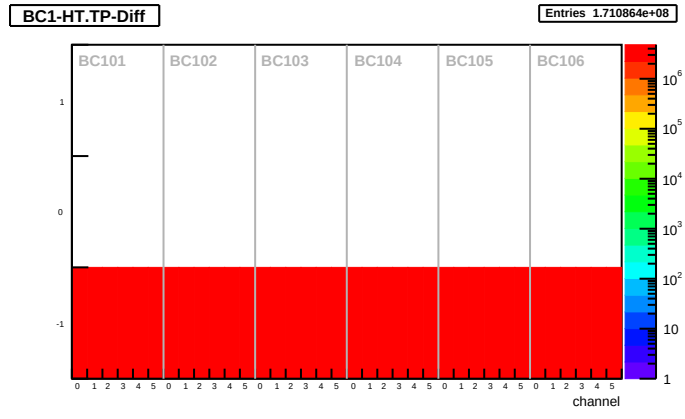

Endcap EMC L0 Input - High Tower
Entries 4.317588e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

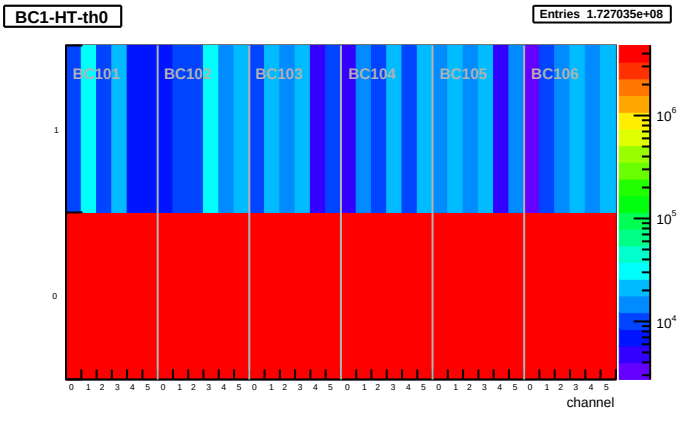

Endcap EMC L0 Input - Patch Sum
Entries 4.317588e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

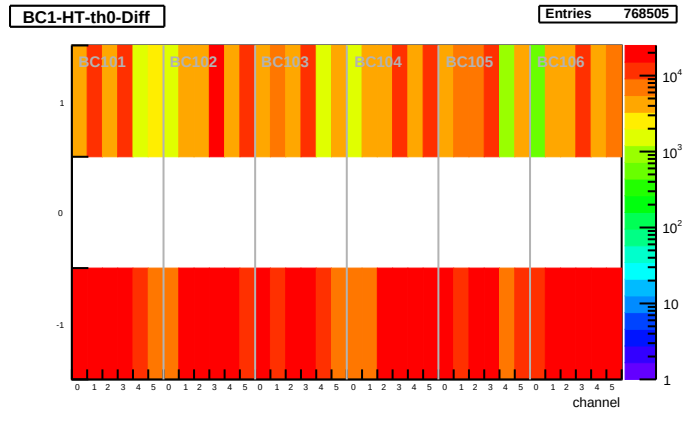

BC1-TP
Entries 1.727035e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

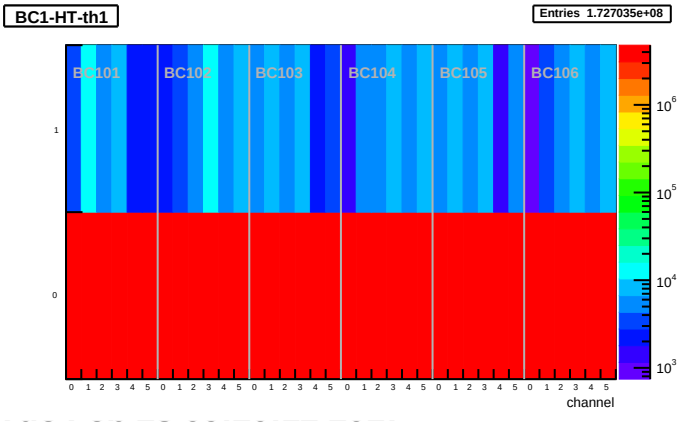

BC1-TP-Diff
Entries 1.646134e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

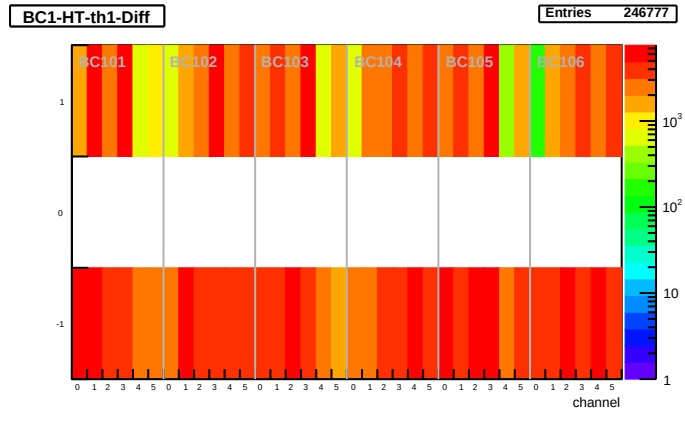

BC1-HT.TP
Entries 1.727035e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

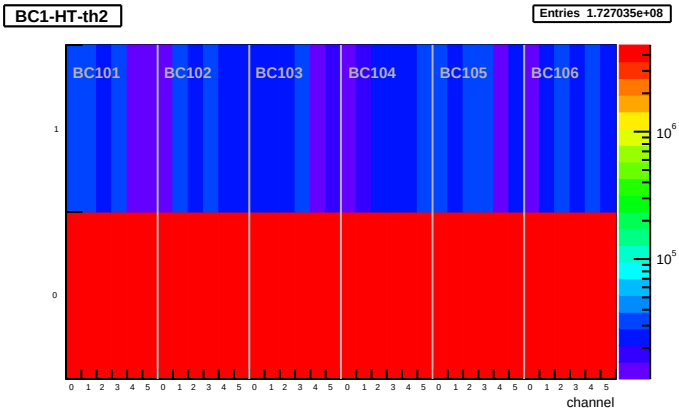

BC1-HT.TP-Diff
Entries 1.710864e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

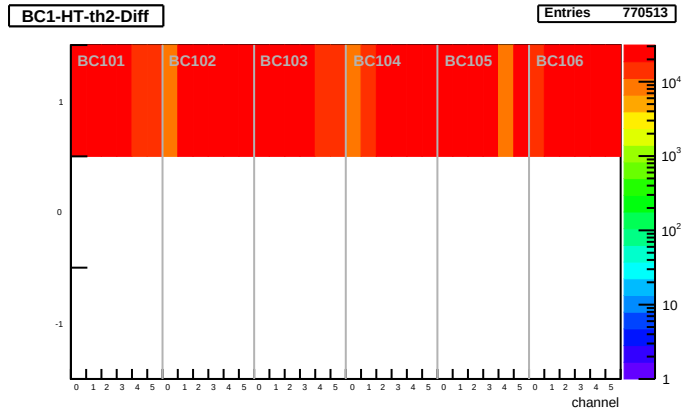

BC1-HT-th0
Entries 1.727035e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

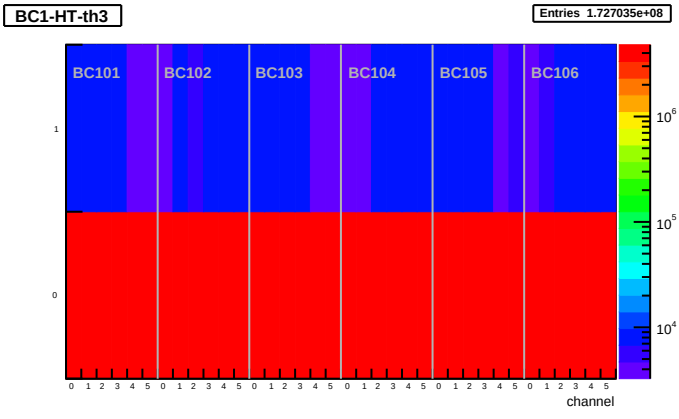

BC1-HT-th0-Diff
Entries 768505
BC101
BC102
BC103
BC104
BC105
BC106
channel

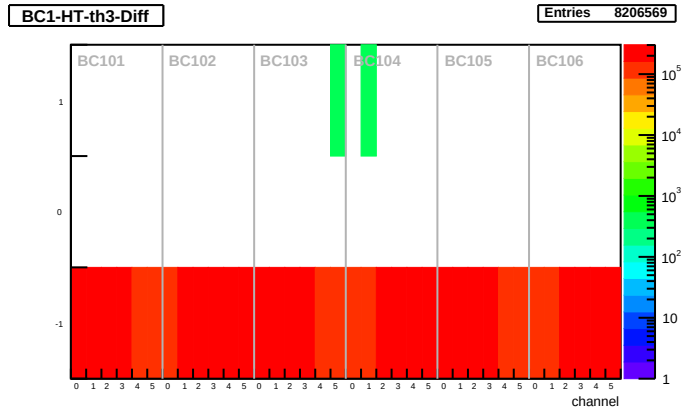

BC1-HT-th1
Entries 1.727035e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

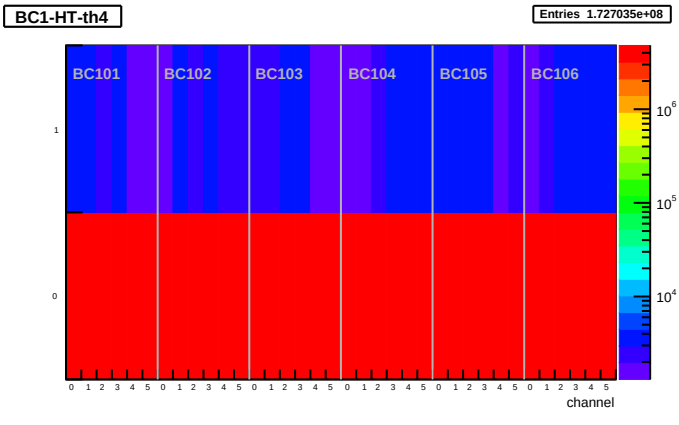

BC1-HT-th1-Diff
Entries 246777
BC101
BC102
BC103
BC104
BC105
BC106
channel

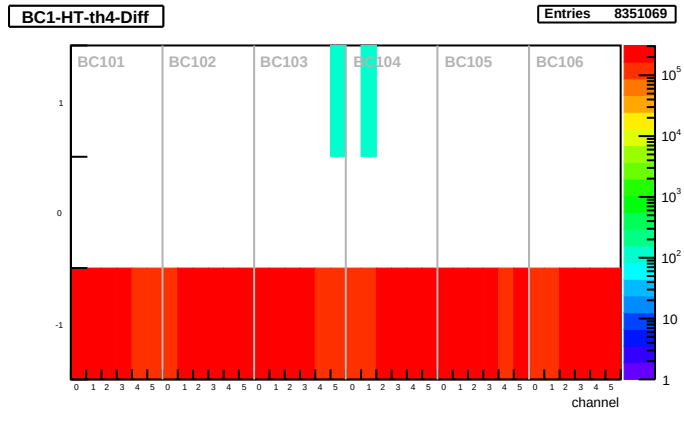

BC1-HT-th2
Entries 1.727035e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

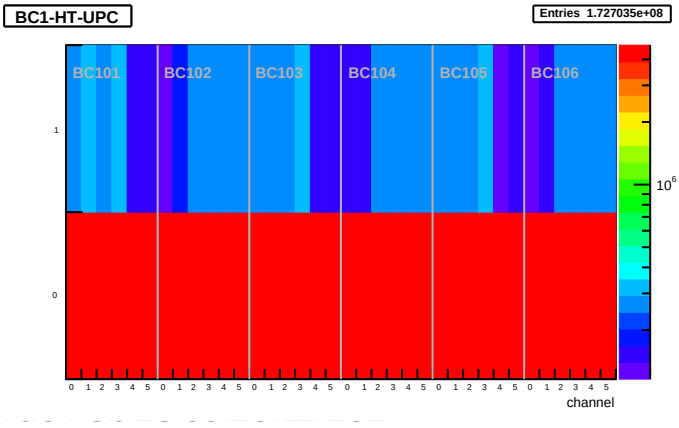

BC1-HT-th2-Diff
Entries 770513
BC101
BC102
BC103
BC104
BC105
BC106
channel

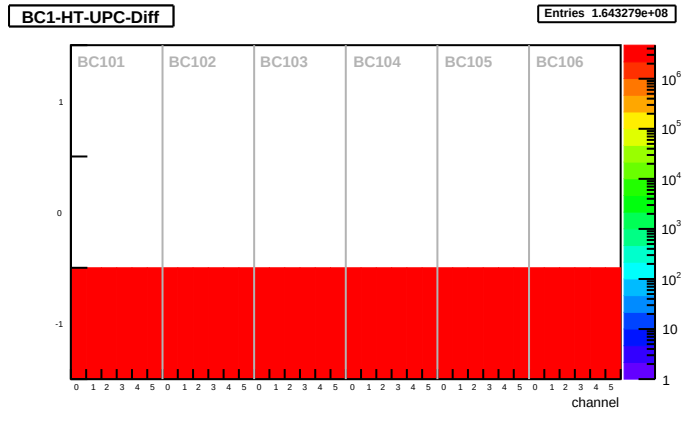

BC1-HT-th3
Entries 1.727035e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

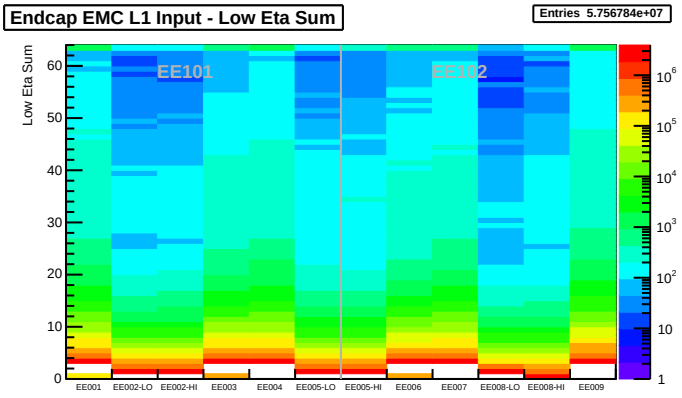

BC1-HT-th3-Diff
Entries 8206569
BC101
BC102
BC103
BC104
BC105
BC106
channel

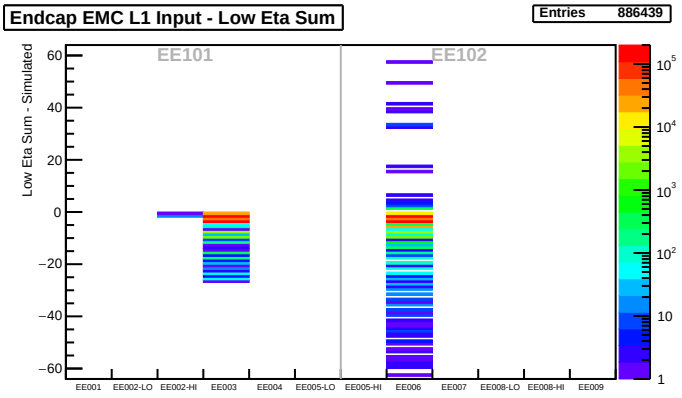

BC1-HT-th4
Entries 1.727035e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

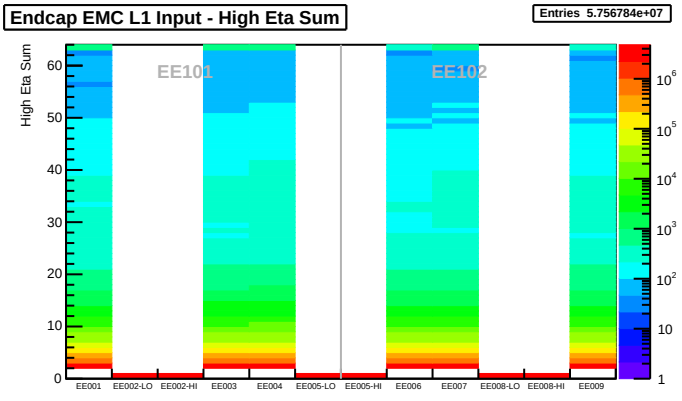

BC1-HT-th4-Diff
Entries 8351069
BC101
BC102
BC103
BC104
BC105
BC106
channel

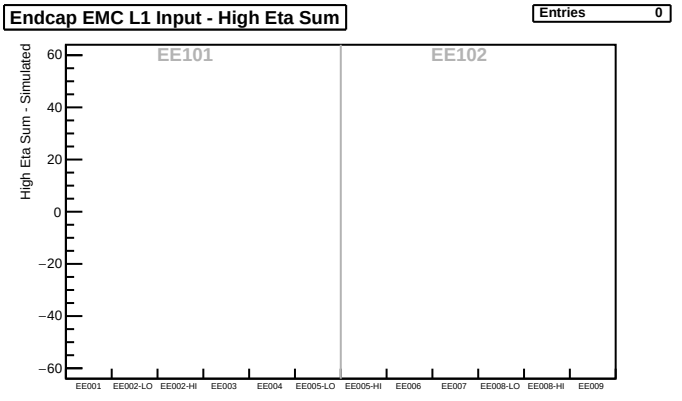

BC1-HT-UPC
Entries 1.727035e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

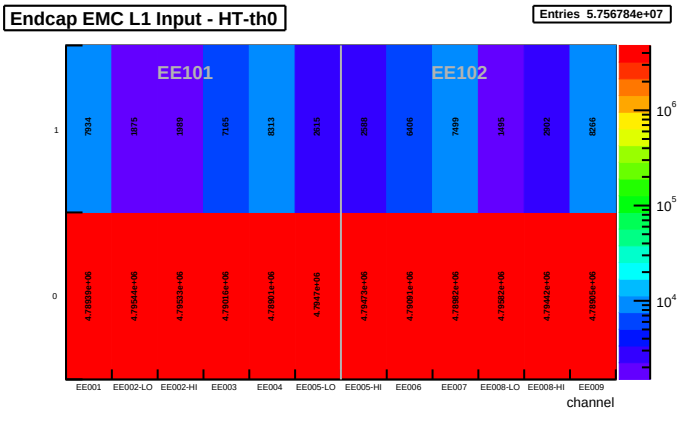

BC1-HT-UPC-Diff
Entries 1.643279e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

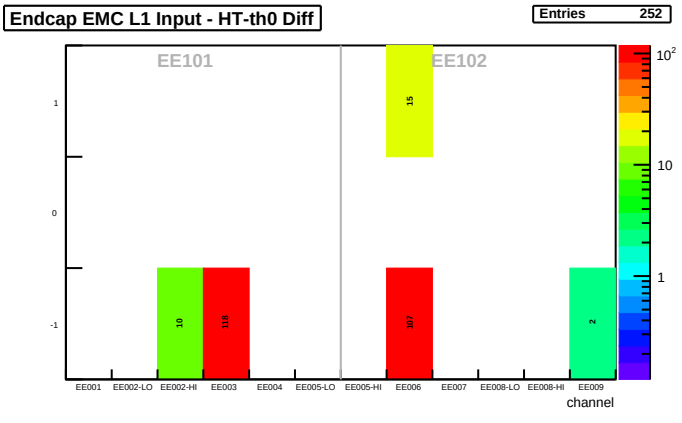

Endcap EMC L1 Input - Low Eta Sum
Entries 5.756784e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

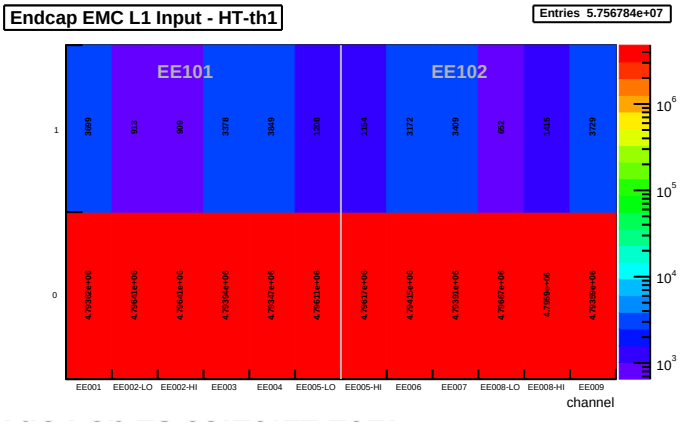

Endcap EMC L1 Input - Low Eta Sum
Entries 886439
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

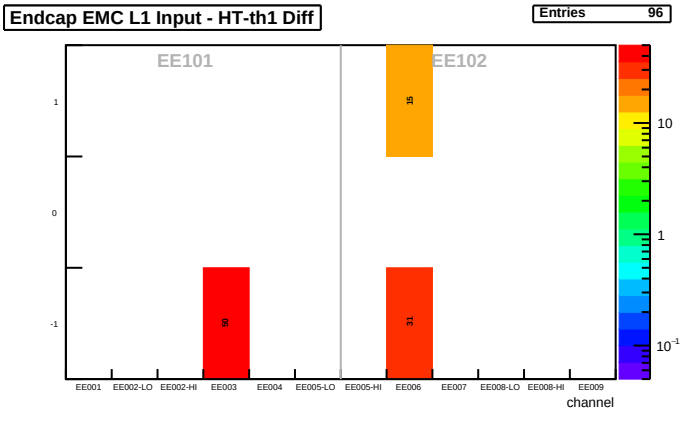

Endcap EMC L1 Input - High Eta Sum
Entries 5.756784e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

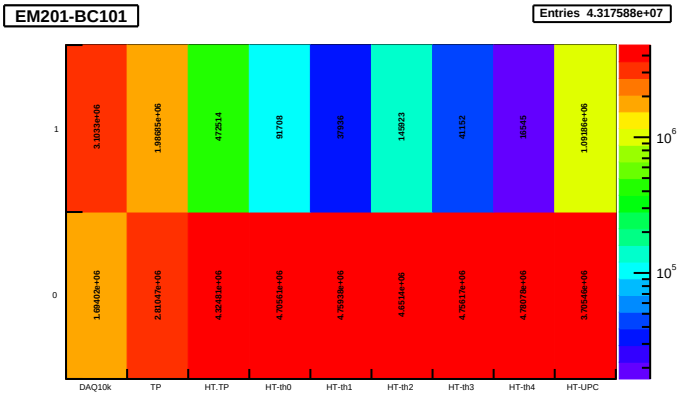

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

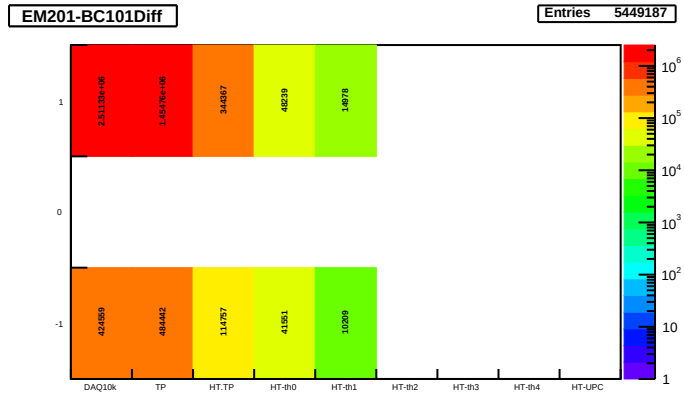

Endcap EMC L1 Input - HT-th0
Entries 5.756784e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

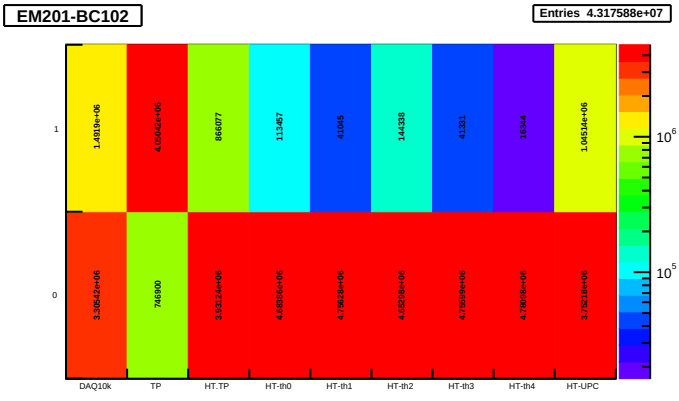

Endcap EMC L1 Input - HT-th0 Diff
Entries 252
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

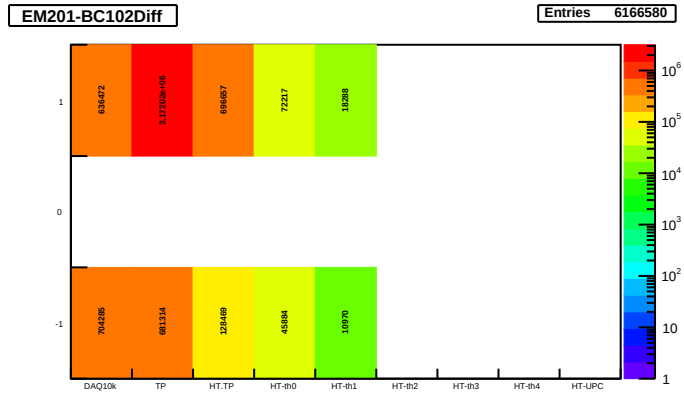

Endcap EMC L1 Input - HT-th1
Entries 5.756784e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

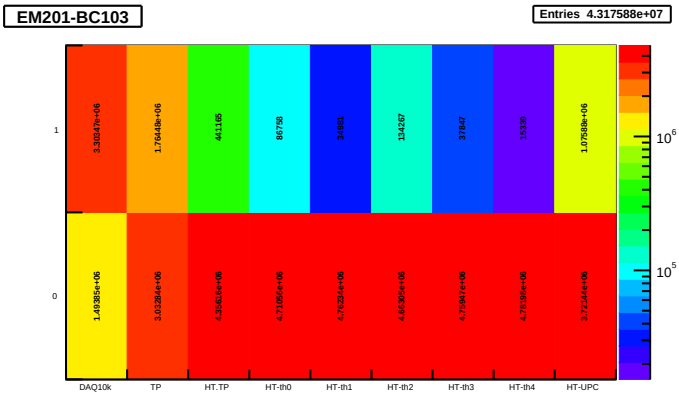

Endcap EMC L1 Input - HT-th1 Diff
Entries 96
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

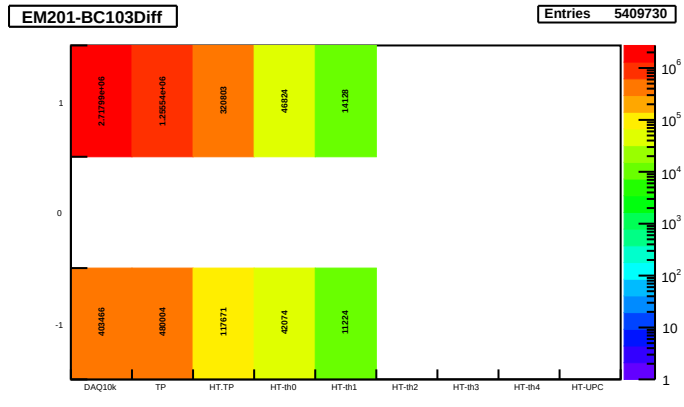

EM201-BC101
Entries 4.317588e+07
1
0
3.1033e+06
1.98685e+06
472514
91708
27936
149823
41152
16545
1.09186e+06
1.69402e+06
2.81047e+06
4.32491e+06
4.70563e+06
4.75938e+06
4.65158e+06
4.75617e+06
4.79078e+06
3.78546e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5

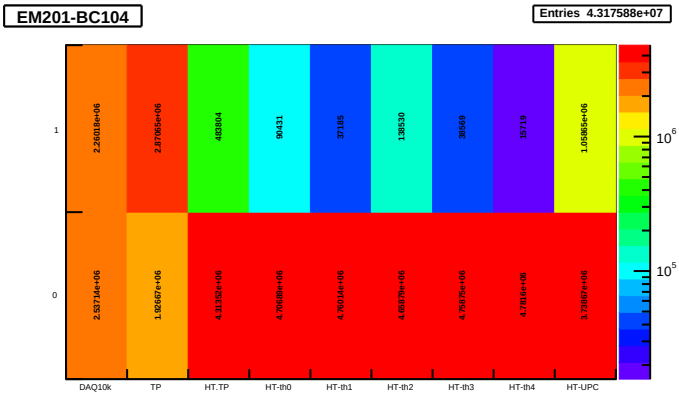

EM201-BC101Diff
Entries 5449187
1
0
-1
2.51133e+06
1.45476e+06
344867
48239
14878
424559
484442
114757
41551
10209
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

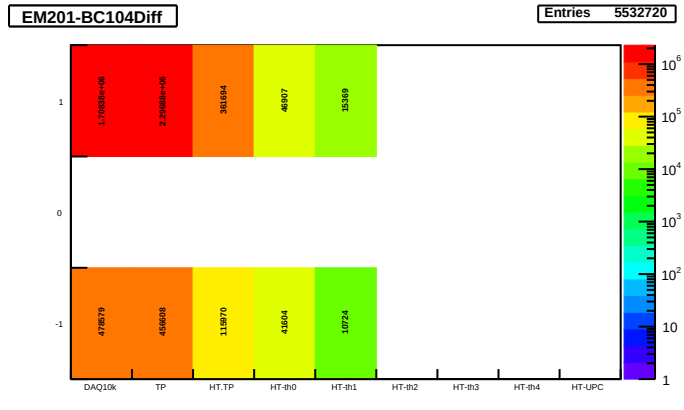

EM201-BC102
Entries 4.317588e+07
1
0
1.4919e+06
4.05042e+06
866077
113457
41045
144338
41331
16344
1.04514e+06
3.38542e+06
746900
3.93124e+06
4.68386e+06
4.79628e+06
4.65209e+06
4.75599e+06
4.78098e+06
3.79318e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC102Diff
Entries 6166580
1
0
-1
635472
3.17202e+06
696867
72217
15288
704285
681314
128469
45894
10970
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

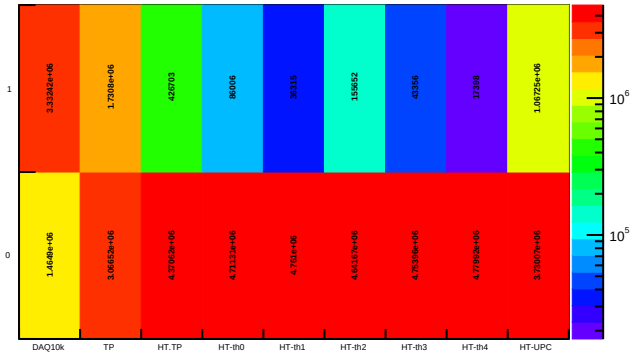

EM201-BC103
Entries 4.317588e+07
1
0
3.33047e+06
1.76448e+06
441165
86738
24681
134267
37347
15339
1.07569e+06
1.49385e+06
3.03284e+06
4.35616e+06
4.71056e+06
4.76224e+06
4.65305e+06
4.75947e+06
4.78198e+06
3.72144e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC103Diff
Entries 5409730
1
0
-1
2.71799e+06
1.26554e+06
320803
46824
14128
405466
480004
117671
42074
11224
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

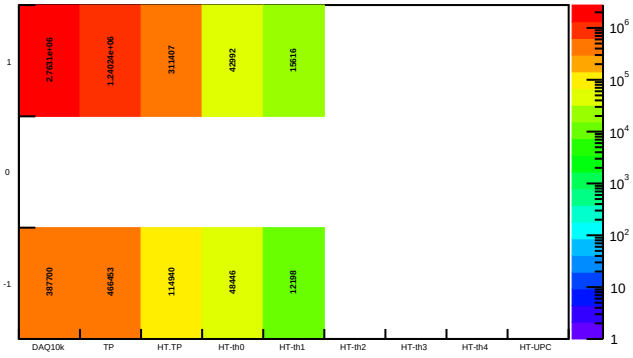

EM201-BC104
Entries 4.317588e+07
1
0
2.26018e+06
2.87055e+06
483904
90431
37195
138530
38569
15719
1.05985e+06
2.53714e+06
1.92567e+06
4.31352e+06
4.70588e+06
4.76014e+06
4.65379e+06
4.75375e+06
4.7616e+06
3.73867e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC104Diff
Entries 5532720
1
0
-1
1.70838e+06
2.29688e+06
361694
46907
15369
478579
456608
118970
41504
10724
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

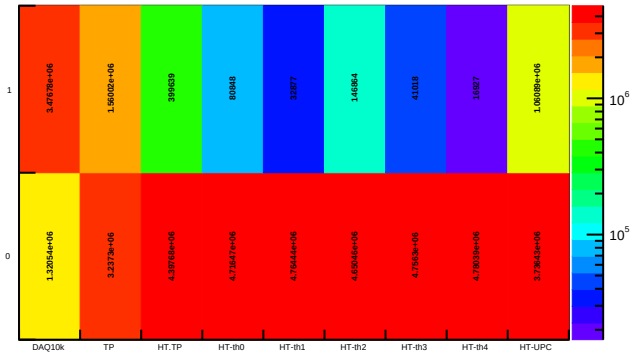
EM201-BC105 Entries 4.317588e+07



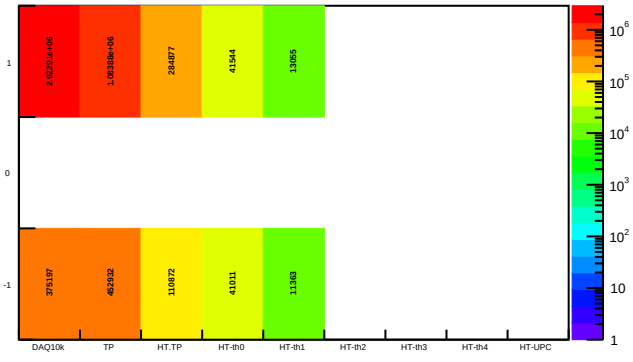
EM201-BC105Diff Entries 5403086



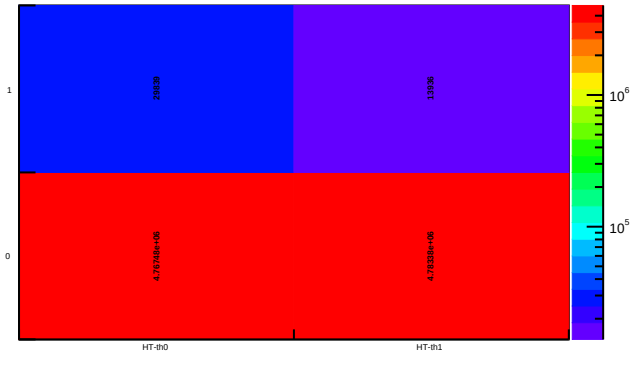
EM201-BC106 Entries 4.317588e+07



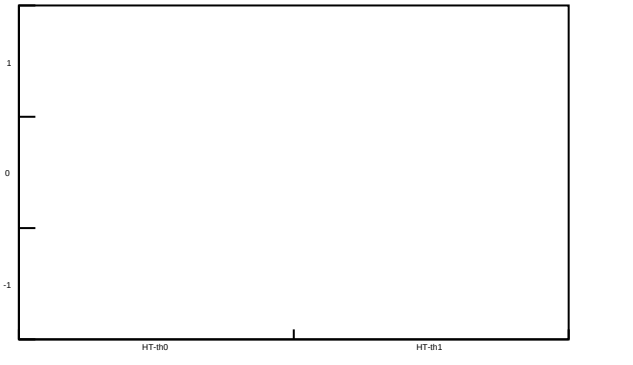
EM201-BC106Diff Entries 5337642



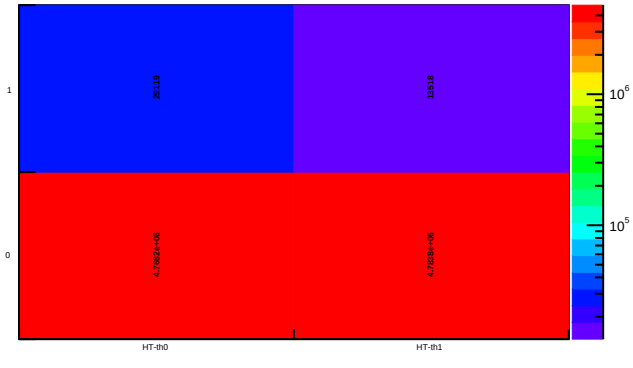
EM201-EE101 Entries 9594640



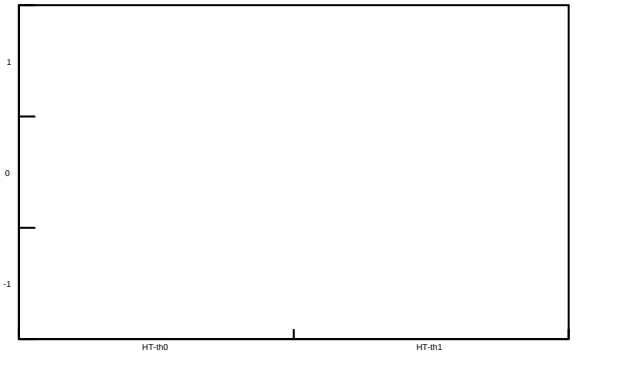
EM201-EE101Diff Entries 0

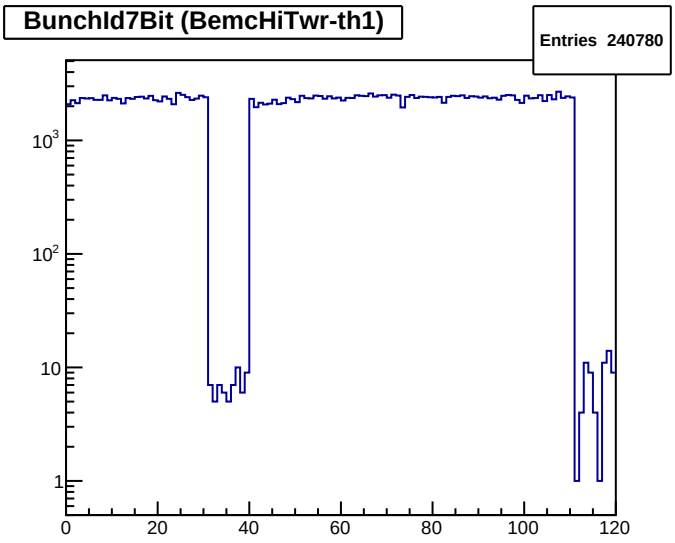


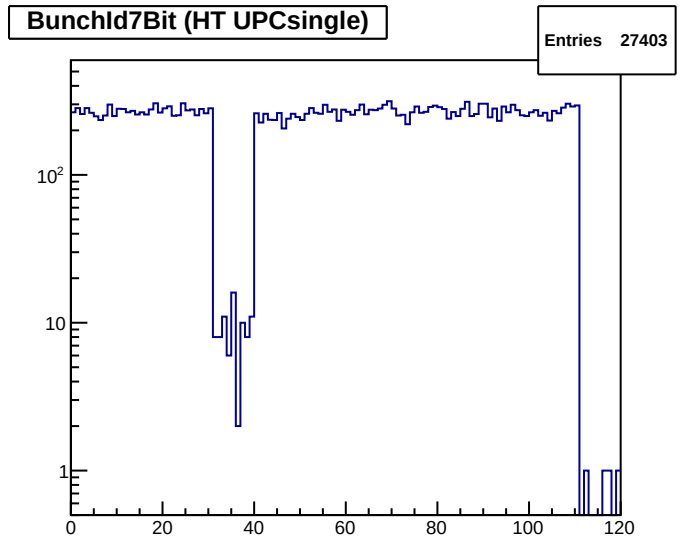
EM201-EE102 Entries 9594640

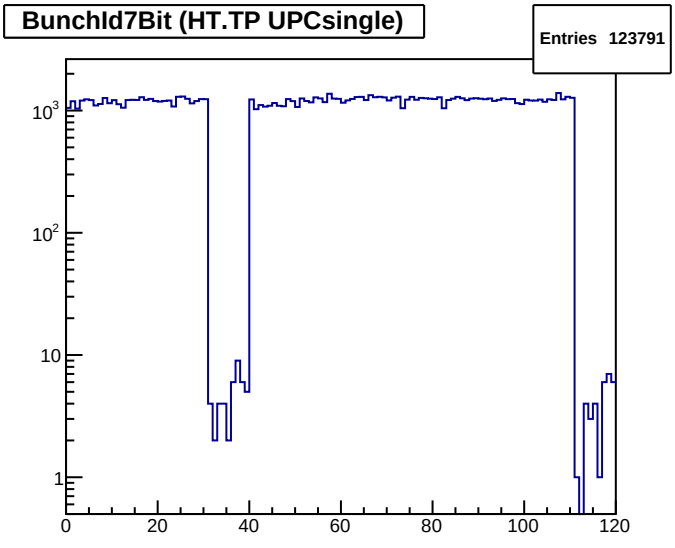


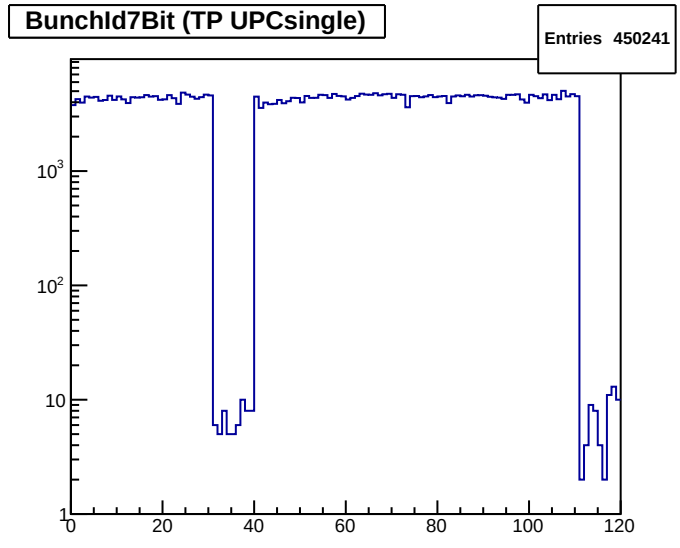
EM201-EE102Diff Entries 0

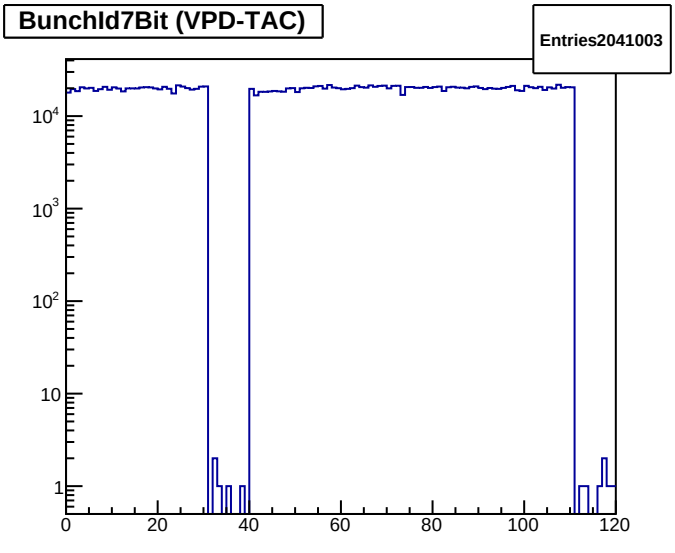


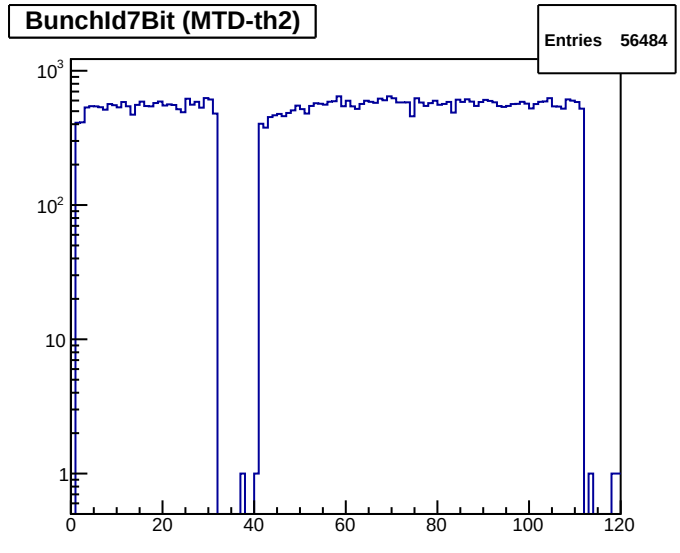

BunchId7Bit (BemcHiTwr-th1)
Entries 240780
10^3
10^2
10
1
0
20
40
60
80
100
120

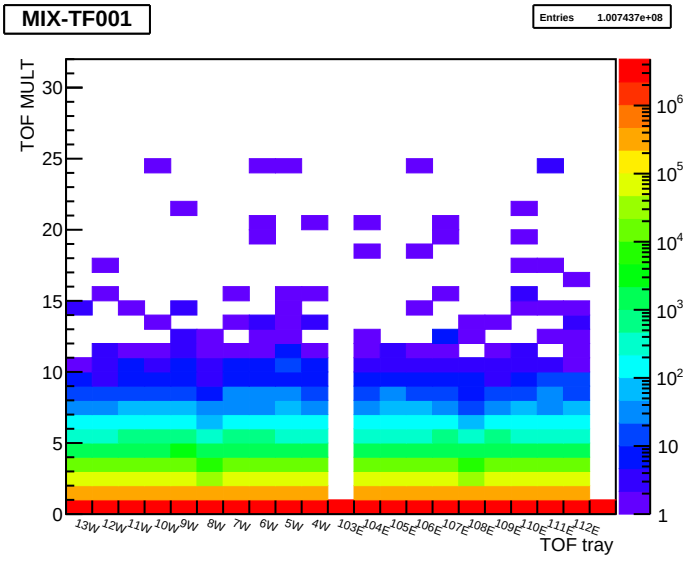

BunchId7Bit (HT UPCsingle)
Entries 27403
10^2
10
1
0
20
40
60
80
100
120

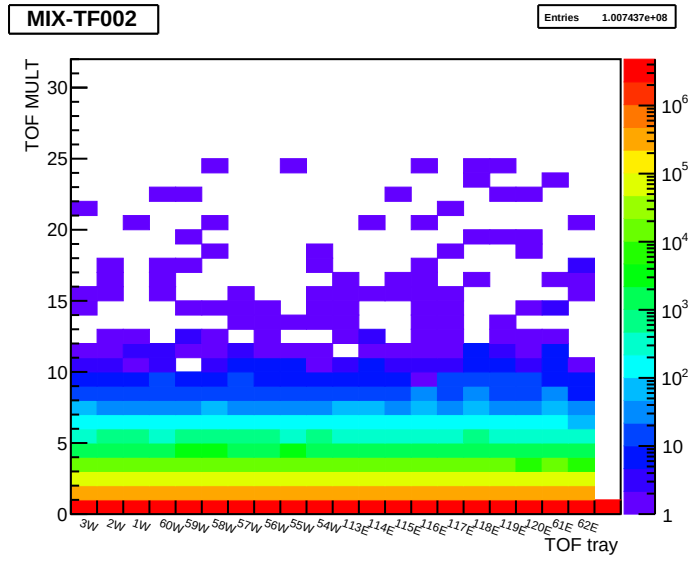

BunchId7Bit (HT.TP UPCsingle)
Entries 123791
10^3
10^2
10
1
0
20
40
60
80
100
120

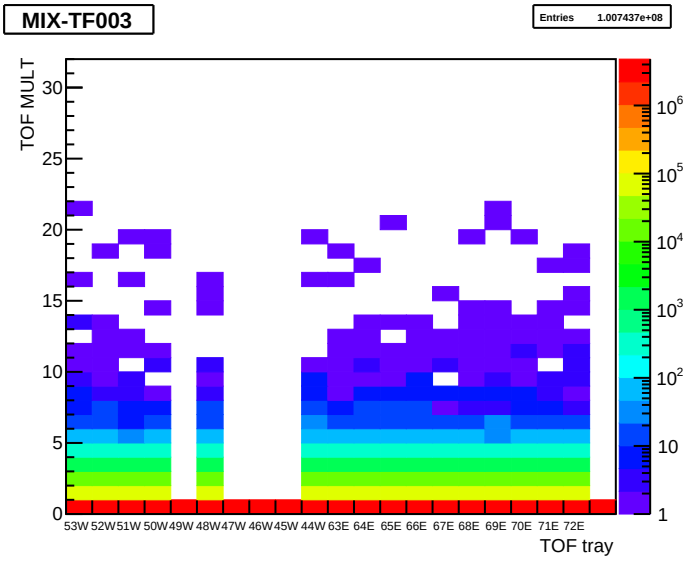

BunchId7Bit (TP UPCsingle)
Entries 450241
10^3
10^2
10
1
0
20
40
60
80
100
120

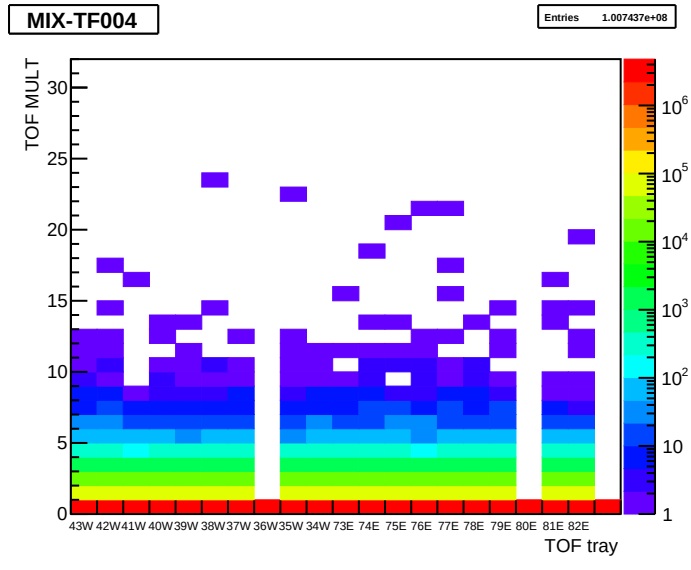

BunchId7Bit (VPD-TAC)
Entries2041003
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

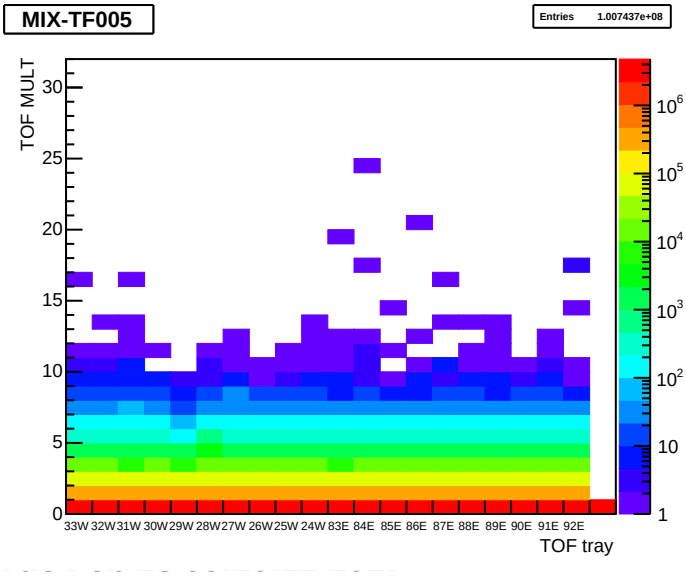

BunchId7Bit (MTD-th2)
Entries 56484
10^3
10^2
10
1
0
20
40
60
80
100
120

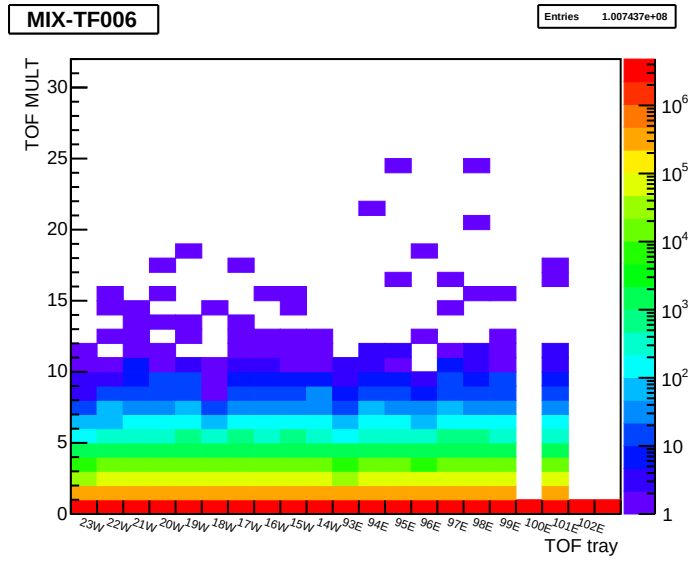

MIX-TF001
Entries 1.007437e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

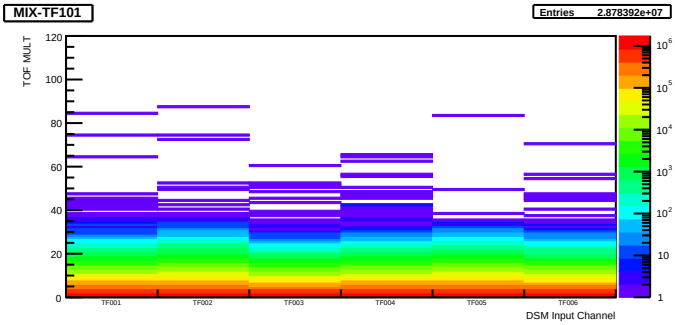

MIX-TF002
Entries 1.007437e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

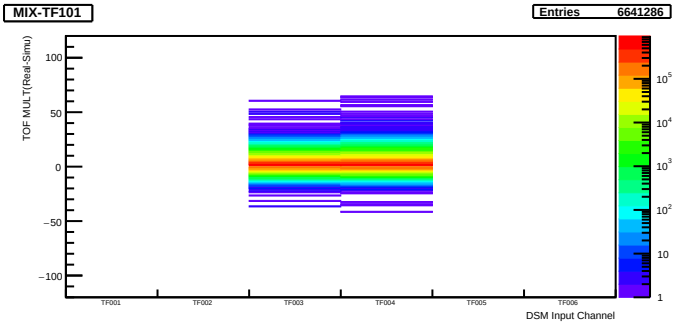

MIX-TF003
Entries 1.007437e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

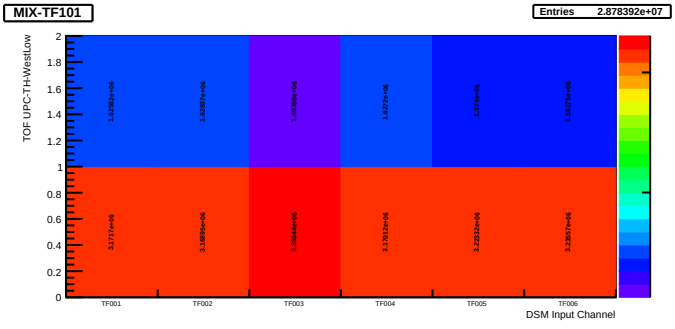

MIX-TF004
Entries 1.007437e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

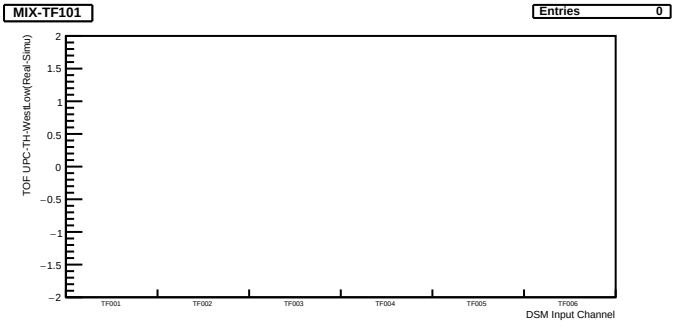

MIX-TF005
Entries 1.007437e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

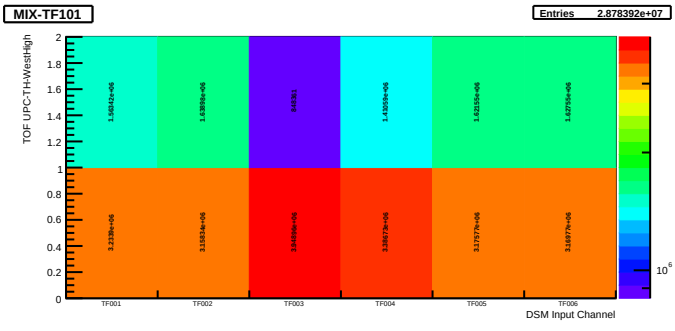

MIX-TF006
Entries 1.007437e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

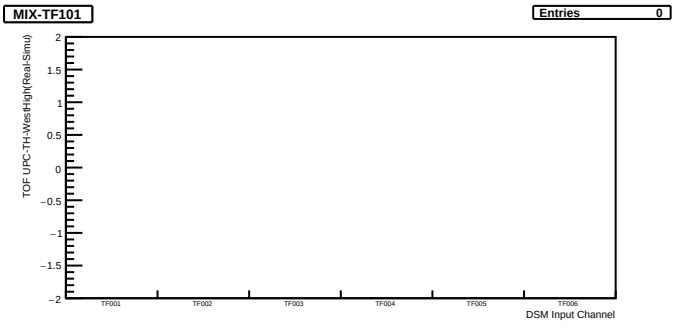

MIX-TF101
Entries 2.878392e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

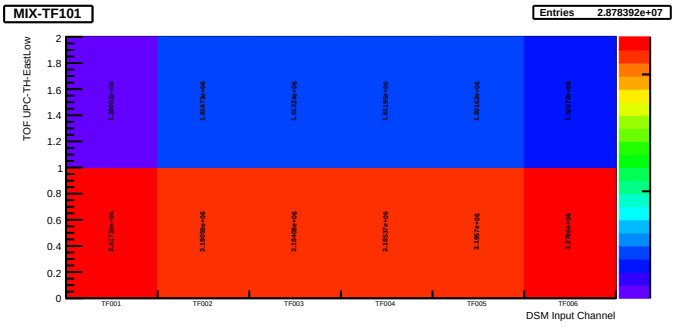

MIX-TF101
Entries 6641286
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

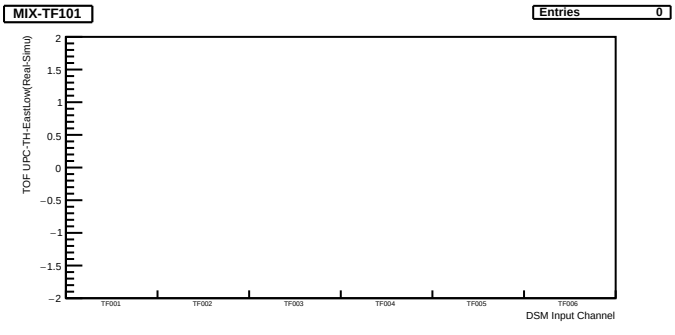

MIX-TF101
Entries 2.878392e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

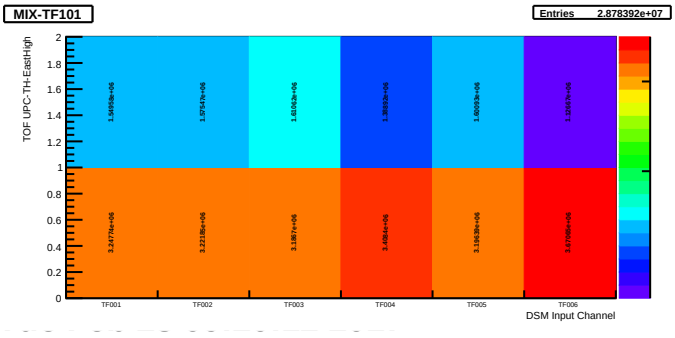

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

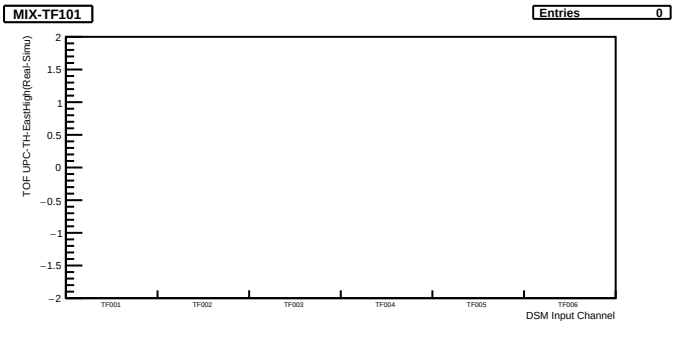

MIX-TF101
Entries 2.878392e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

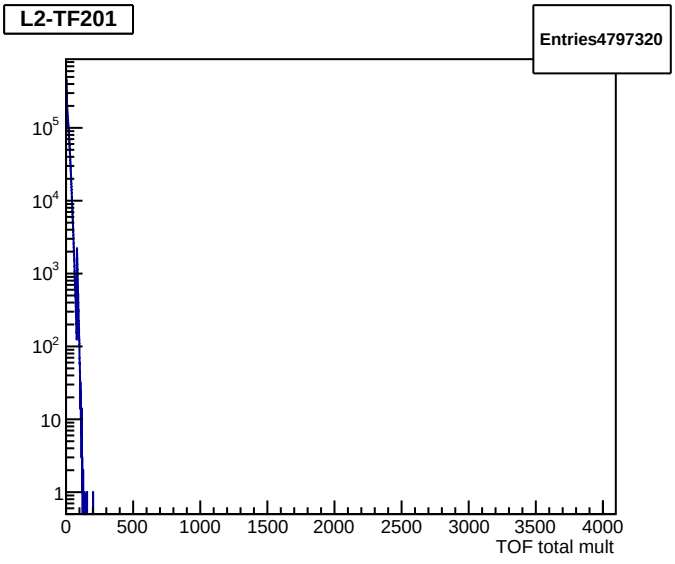

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

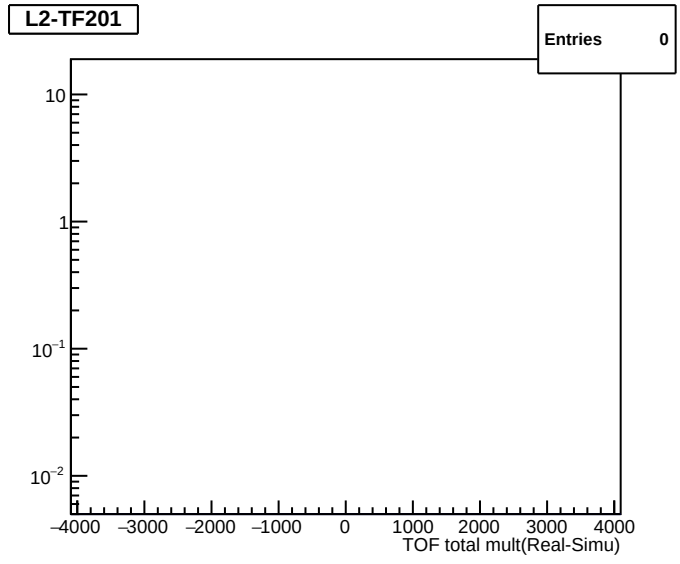

MIX-TF101
Entries 2.878392e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

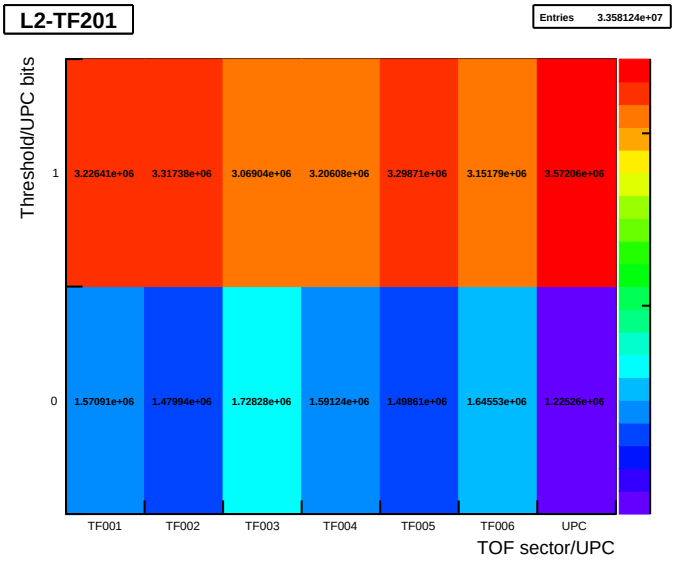

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

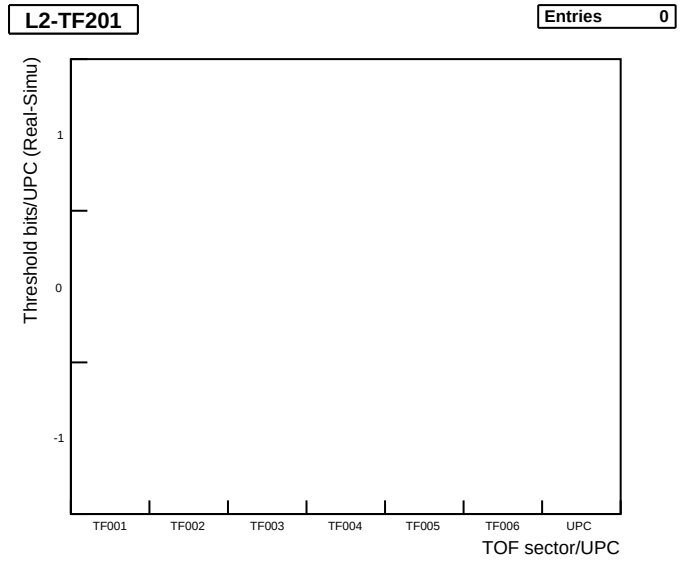

MIX-TF101
Entries 2.878392e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

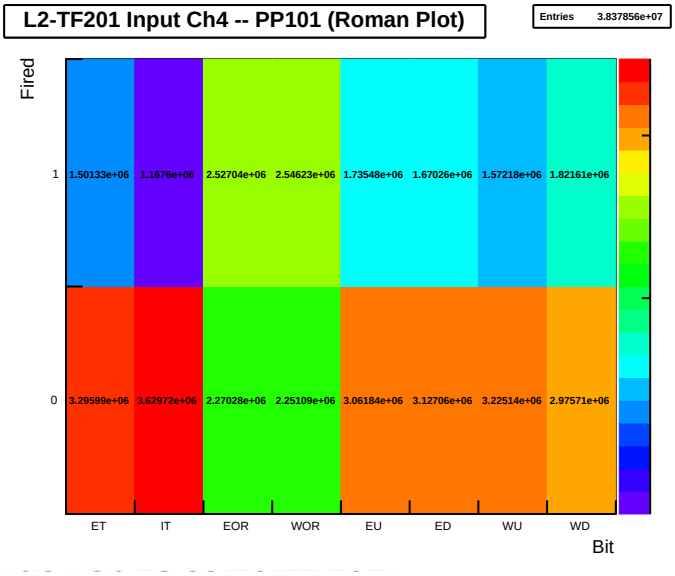

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

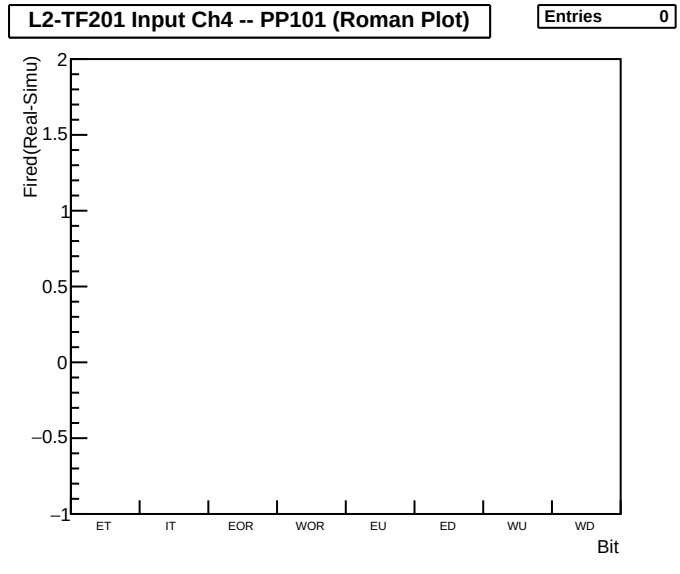

L2-TF201
Entries4797320
TOF total mult

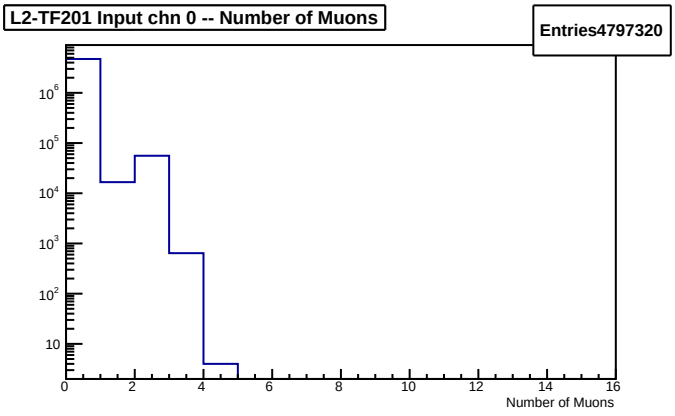

L2-TF201
Entries 0
TOF total mult(Real-Simu)

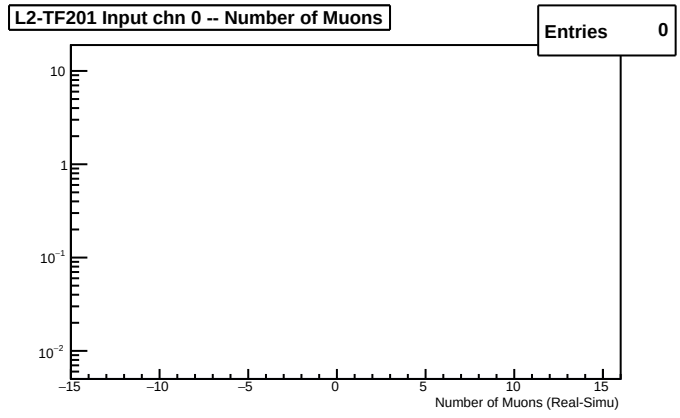

L2-TF201
Entries 3.358124e+07
Threshold/UPC bits
3.22641e+06
3.31738e+06
3.06904e+06
3.20608e+06
3.29871e+06
3.15179e+06
3.57206e+06
1.57091e+06
1.47994e+06
1.72828e+06
1.59124e+06
1.49861e+06
1.64553e+06
1.22526e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

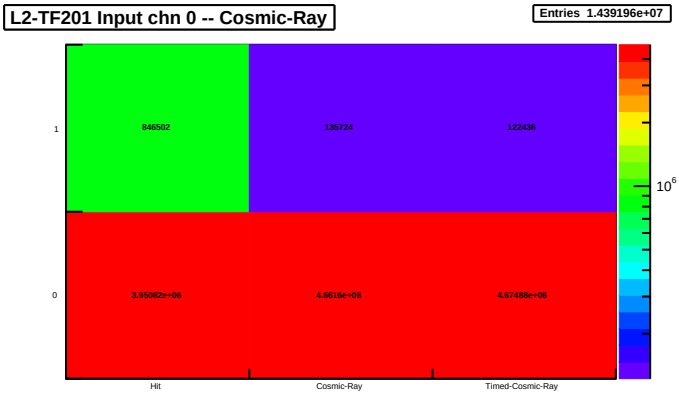

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

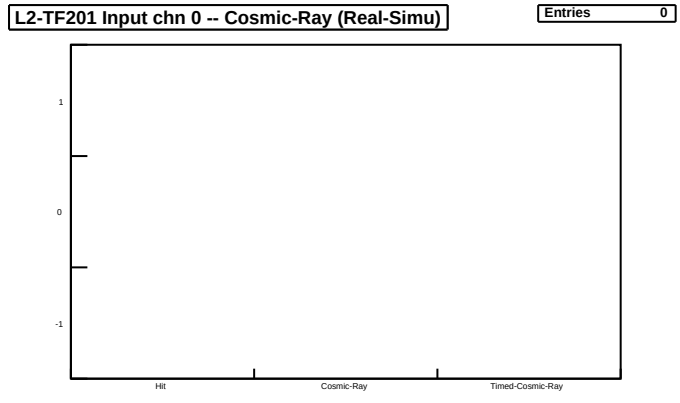

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.837856e+07
Fired
1.50133e+06
1.1676e+06
2.52704e+06
2.54623e+06
1.73548e+06
1.67026e+06
1.57218e+06
1.82161e+06
3.29599e+06
3.62972e+06
2.27028e+06
2.25109e+06
3.06184e+06
3.12706e+06
3.22514e+06
2.97571e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

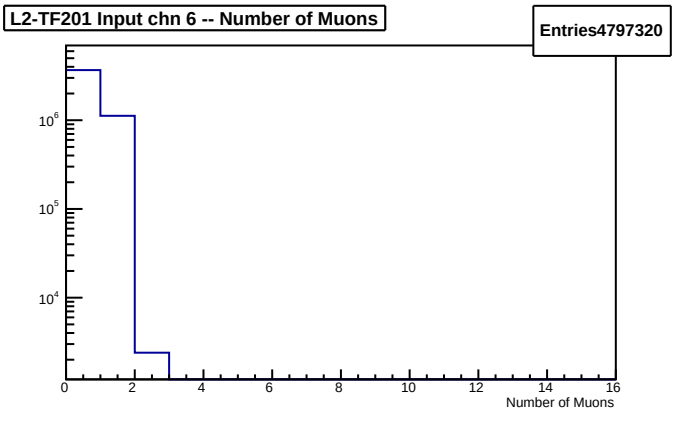

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

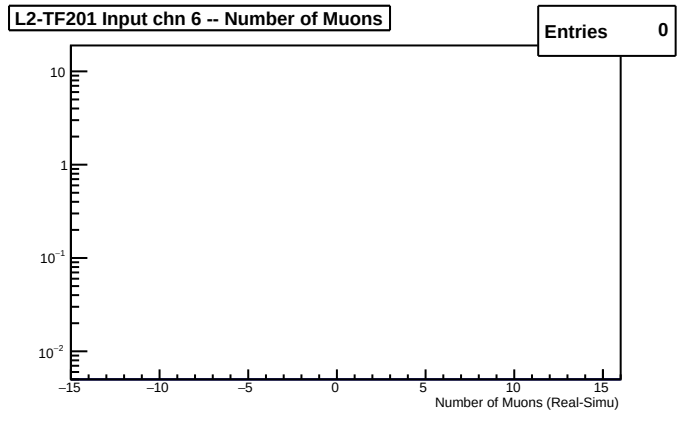

L2-TF201 Input chn 0 -- Number of Muons
Entries4797320
Number of Muons

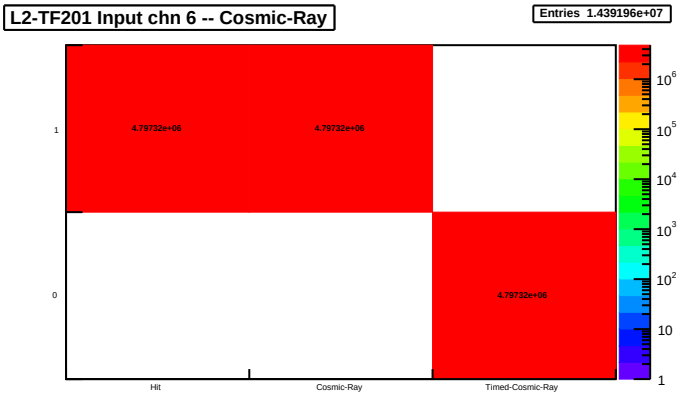

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

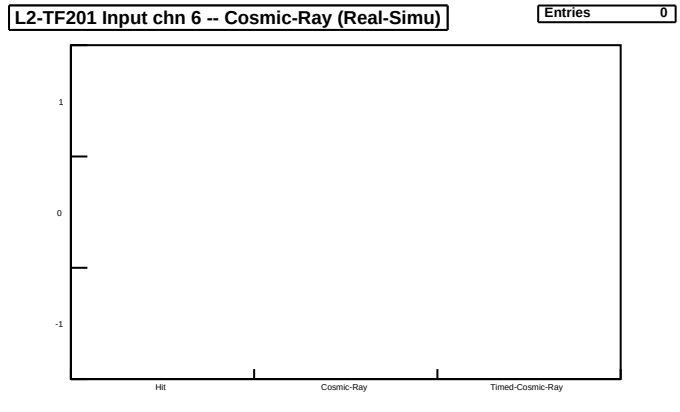

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.439196e+07
846502
135724
122436
3.95082e+06
4.6616e+06
4.67488e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

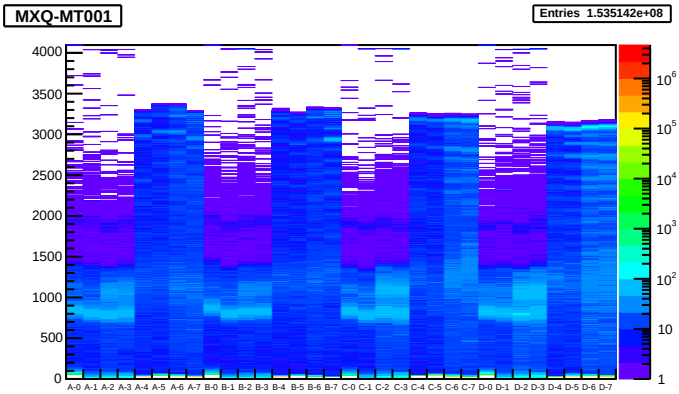

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

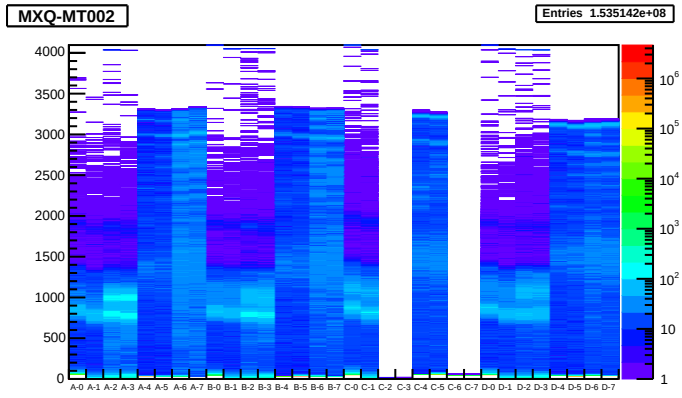

L2-TF201 Input chn 6 -- Number of Muons
Entries4797320
Number of Muons

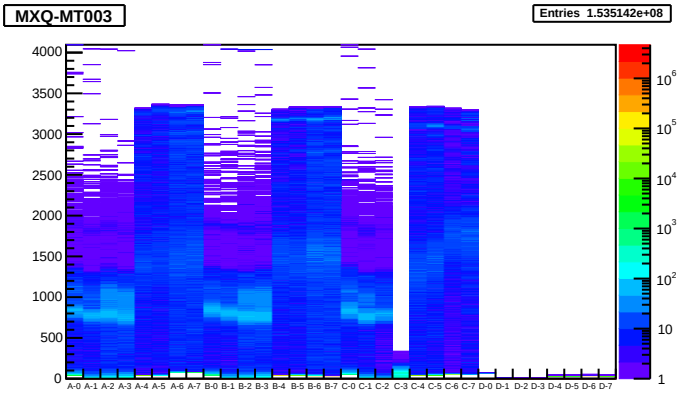

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

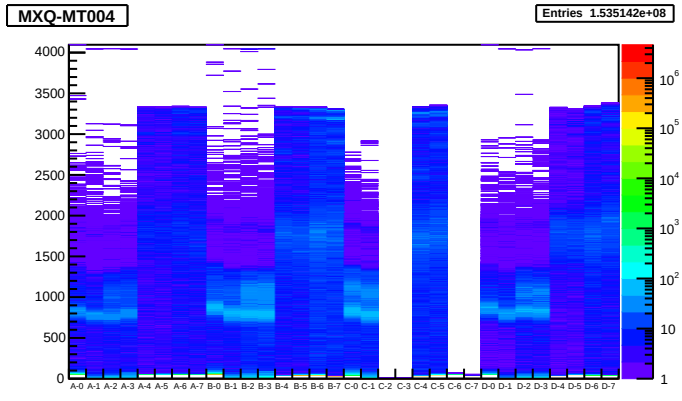

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.439196e+07
4.79732e+06
4.79732e+06
4.79732e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

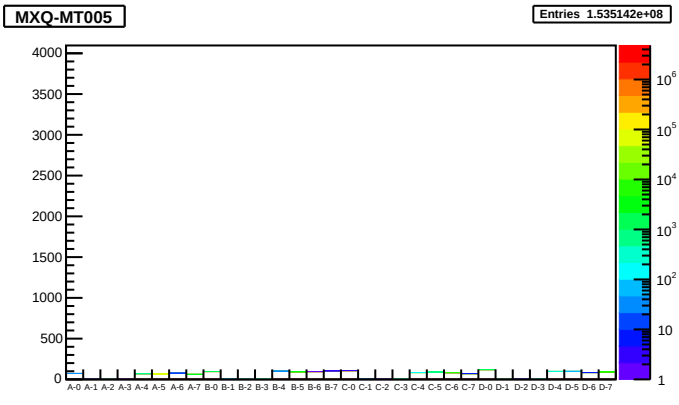

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

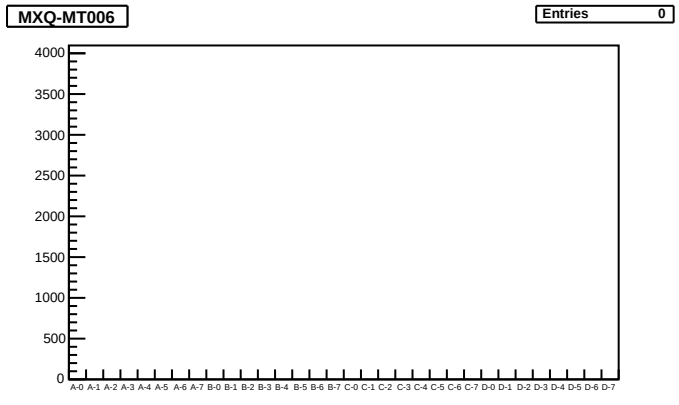

MXQ-MT001
Entries 1.535142e+08

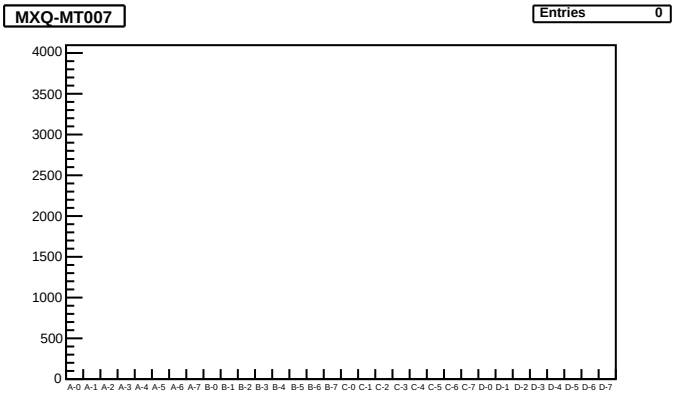

MXQ-MT002
Entries 1.535142e+08

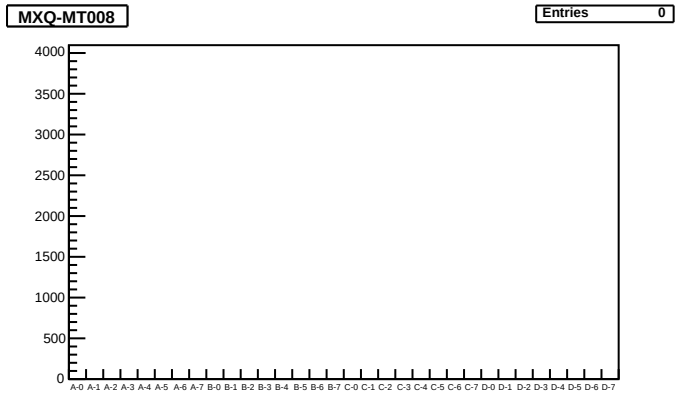

MXQ-MT003
Entries 1.535142e+08

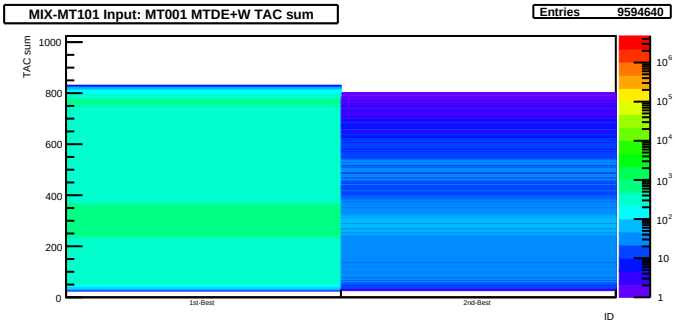

MXQ-MT004
Entries 1.535142e+08

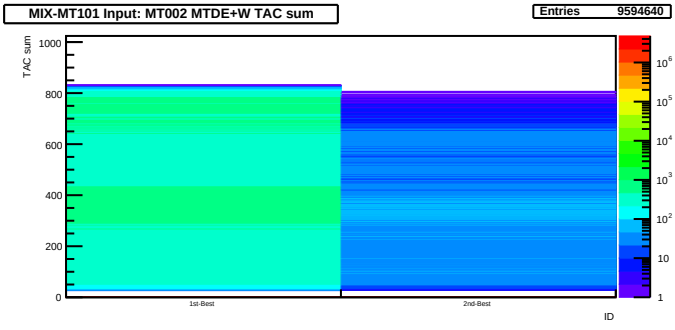

MXQ-MT005
Entries 1.535142e+08

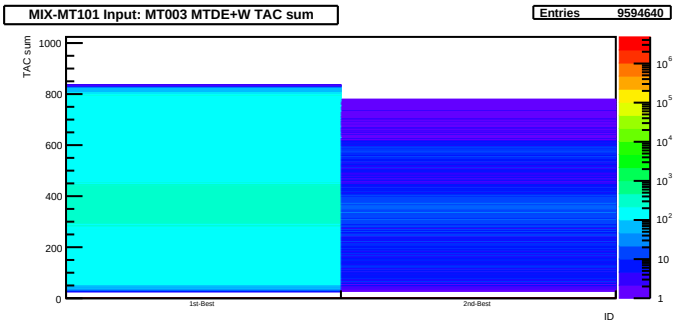

MXQ-MT006
Entries 0

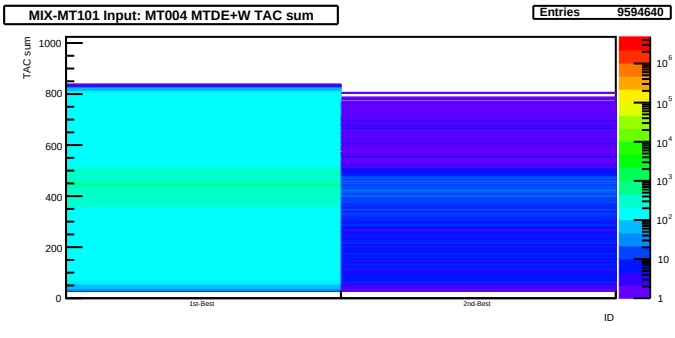

MXQ-MT007
Entries 0

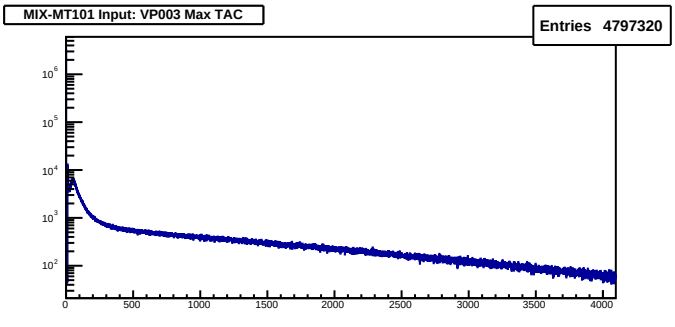

MXQ-MT008
Entries 0

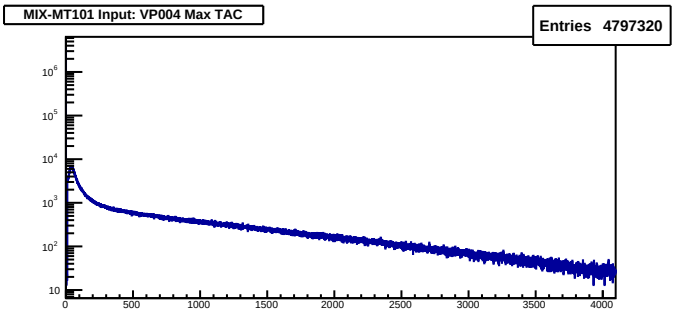

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9594640
TAC sum
1st-Best
2nd-Best
ID

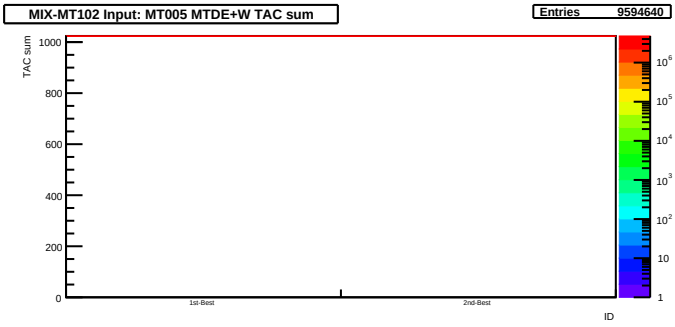

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9594640
TAC sum
1st-Best
2nd-Best
ID

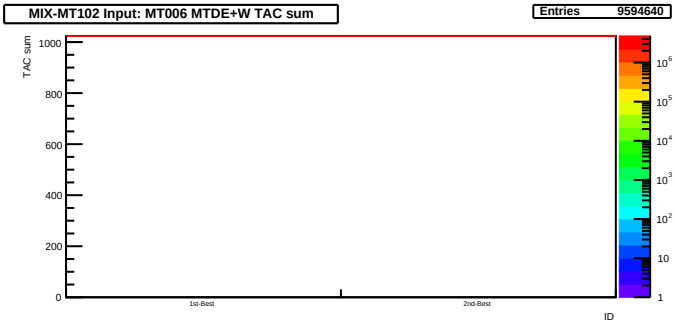

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9594640
TAC sum
1st-Best
2nd-Best
ID

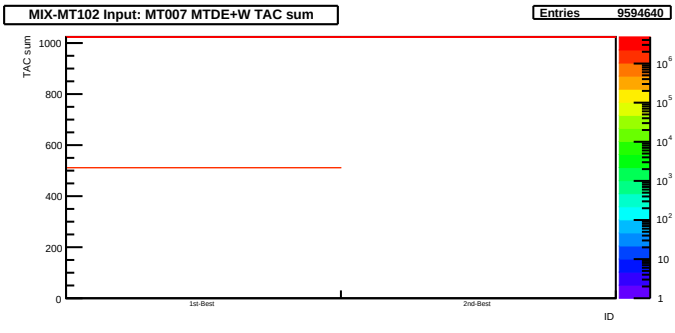

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9594640
TAC sum
1st-Best
2nd-Best
ID

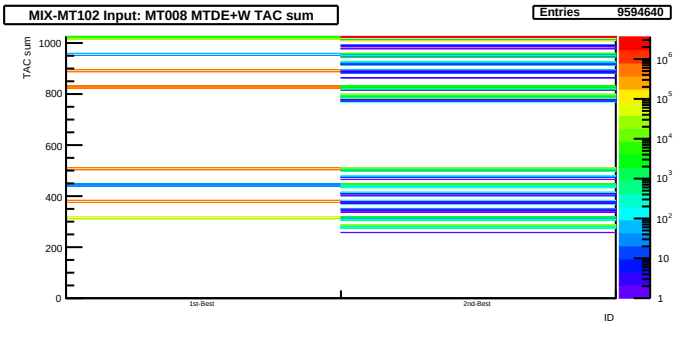

MIX-MT101 Input: VP003 Max TAC
Entries 4797320

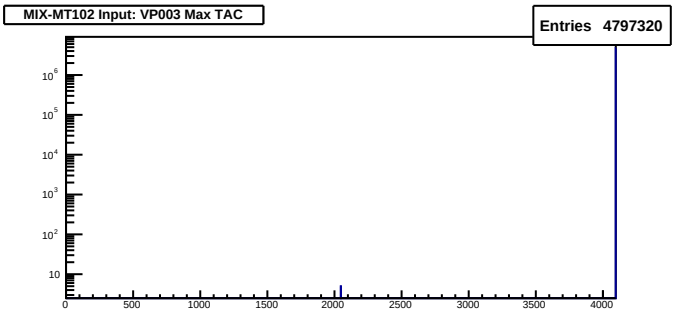

MIX-MT101 Input: VP004 Max TAC
Entries 4797320

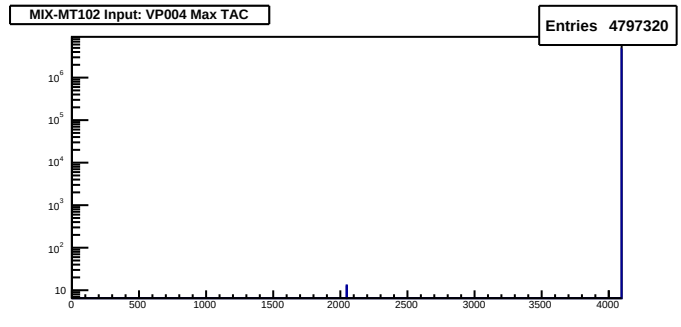

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 9594640
TAC sum
1st-Best
2nd-Best
ID

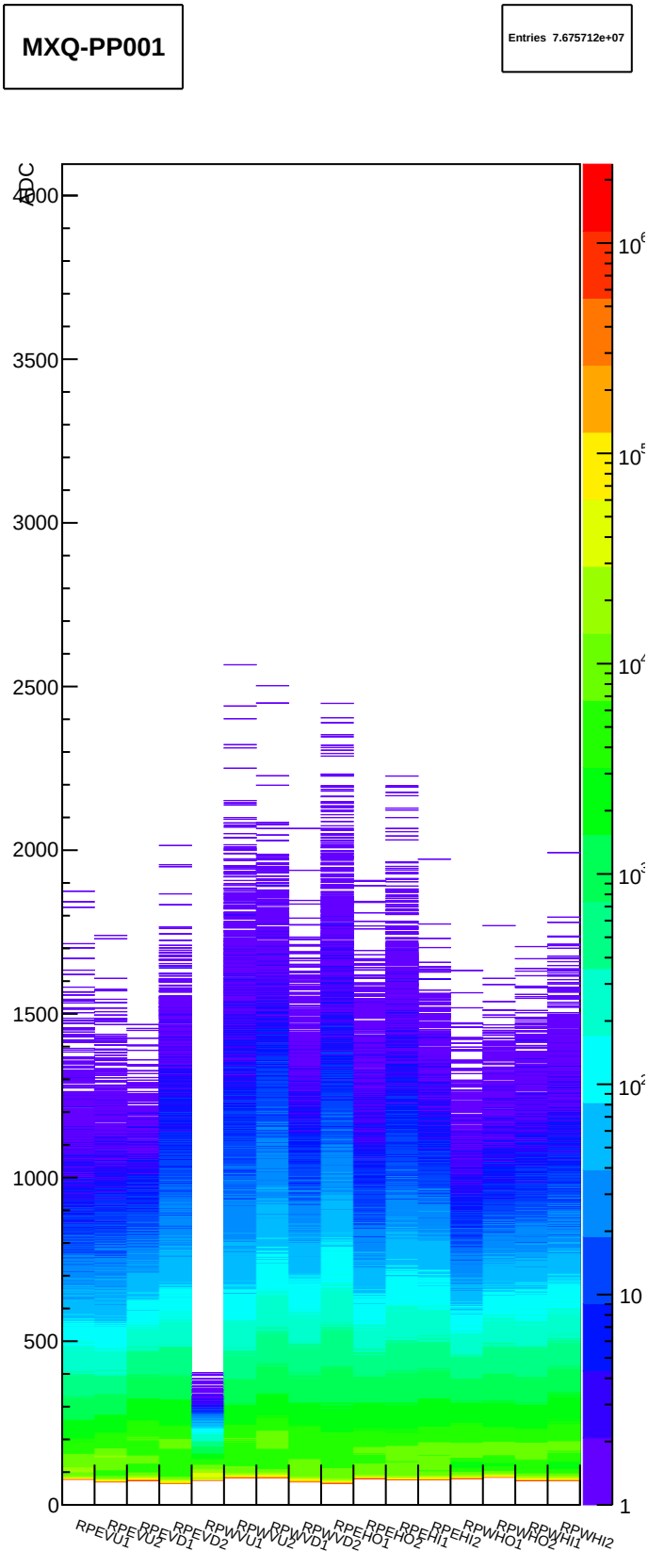

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 9594640
TAC sum
1st-Best
2nd-Best
ID

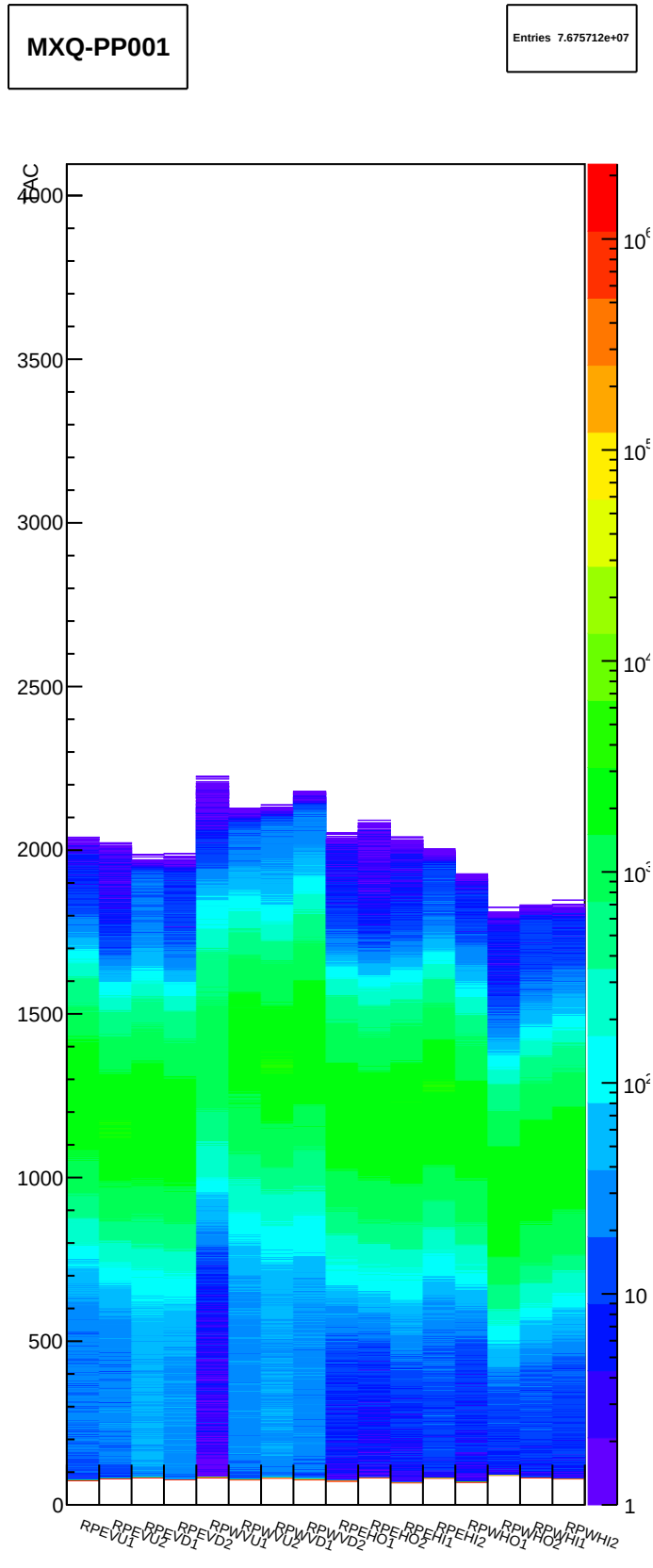

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 9594640
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 9594640
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 4797320


MIX-MT102 Input: VP004 Max TAC
Entries 4797320


MXQ-PP001
Entries 7.675712e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 7.675712e+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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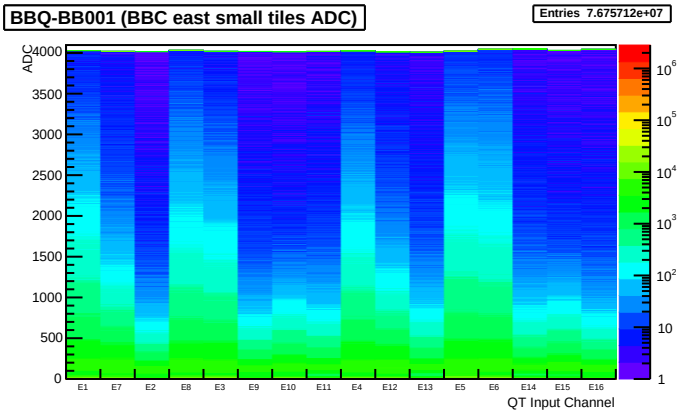
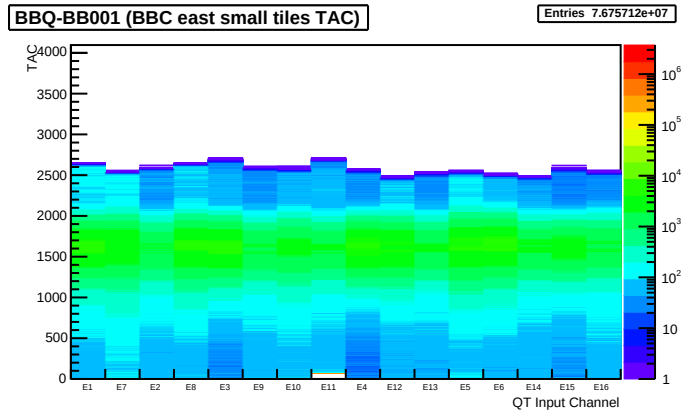
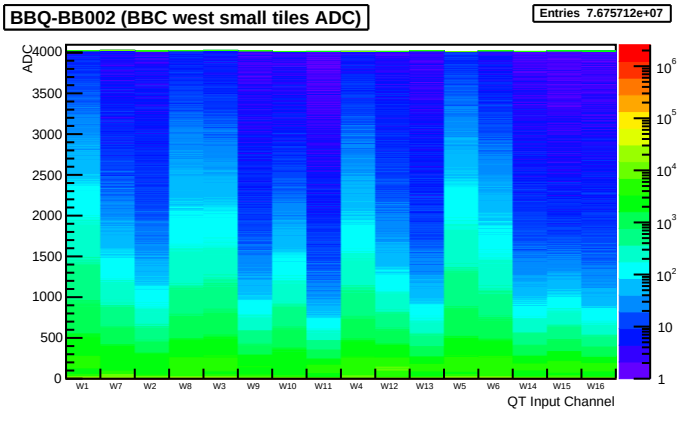
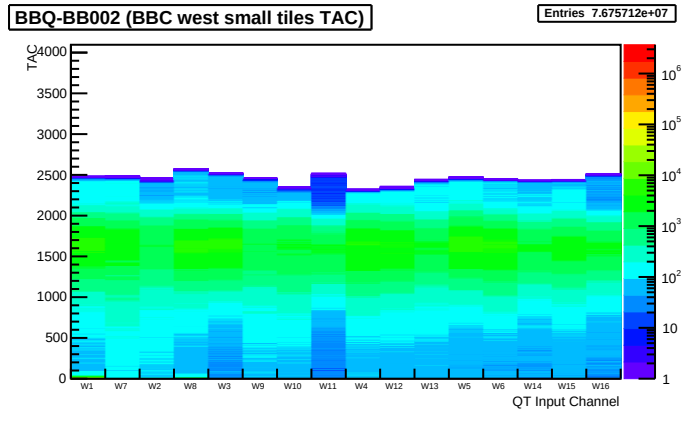
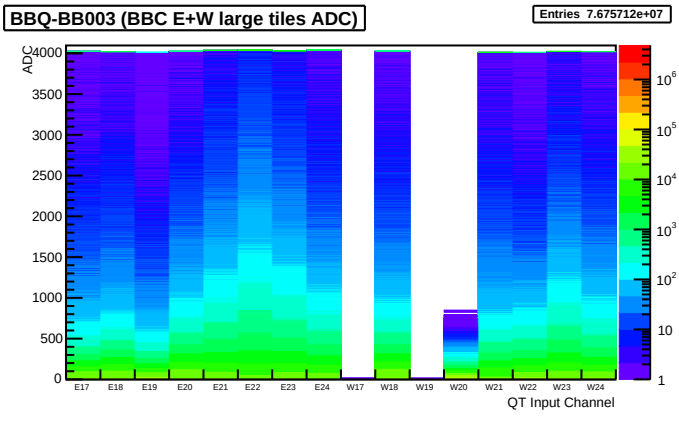
10^5
10^4
10^3
10^2
10
1

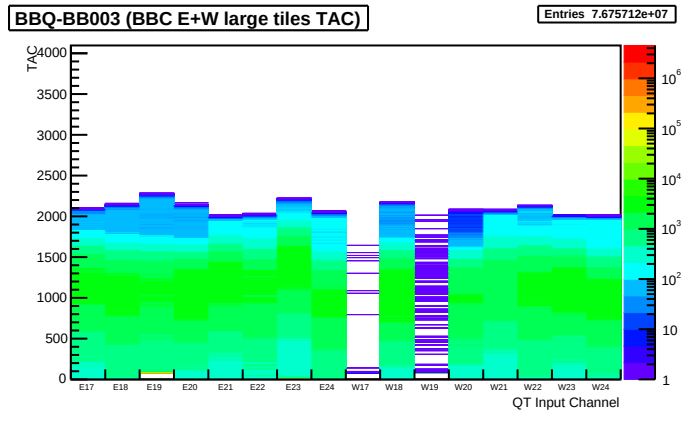

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.675712e+07
ADC
QT Input Channel

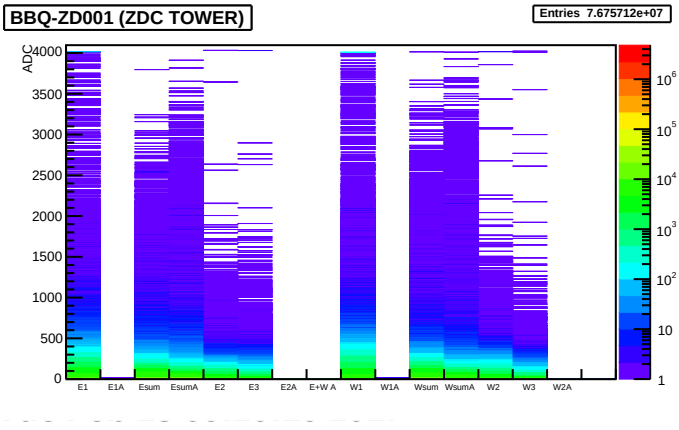

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.675712e+07
TAC
QT Input Channel

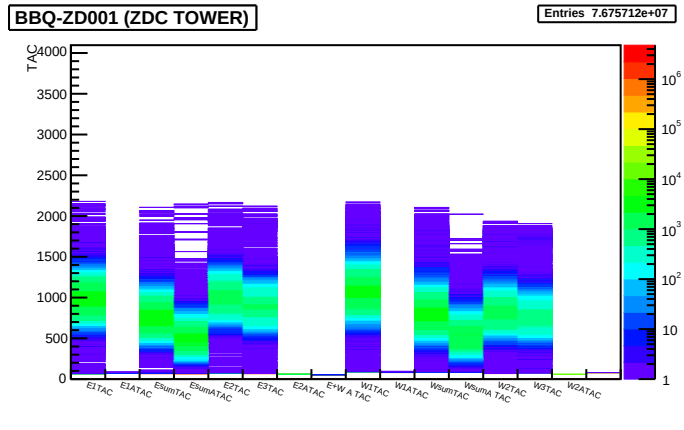

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.675712e+07
ADC
QT Input Channel

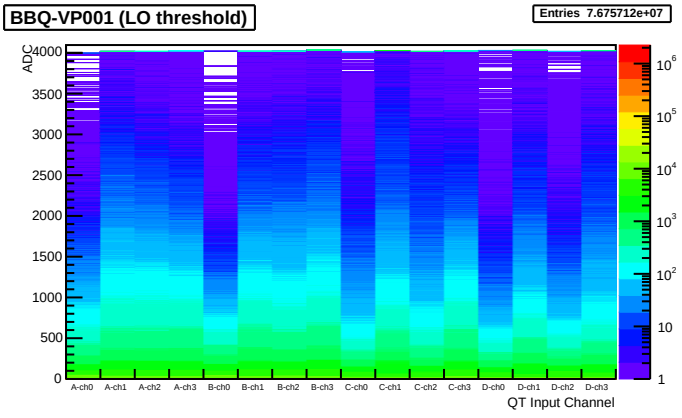

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.675712e+07
TAC
QT Input Channel

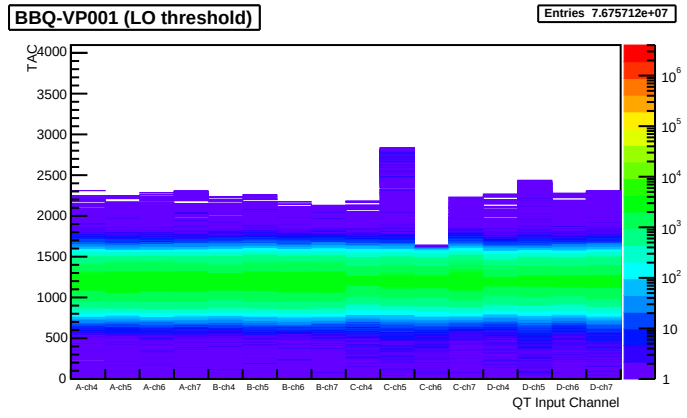

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.675712e+07
ADC
QT Input Channel

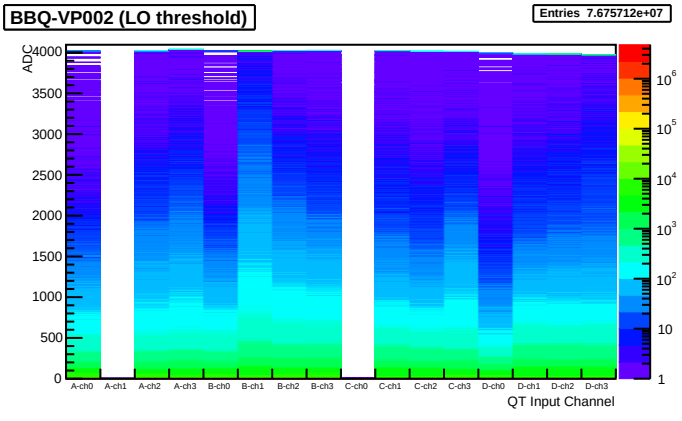

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.675712e+07
TAC
QT Input Channel

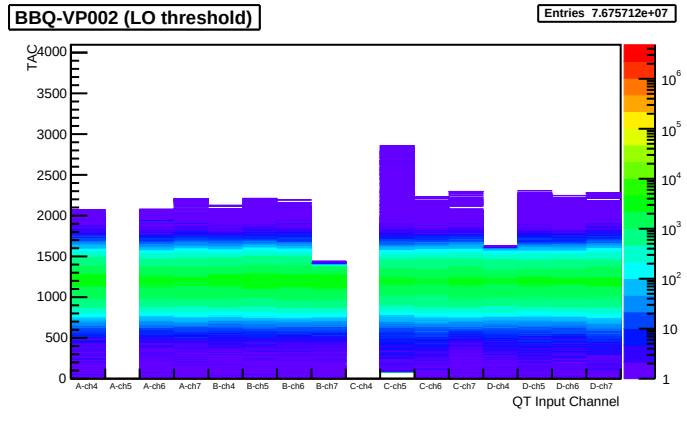

BBQ-ZD001 (ZDC TOWER)
Entries 7.675712e+07
ADC

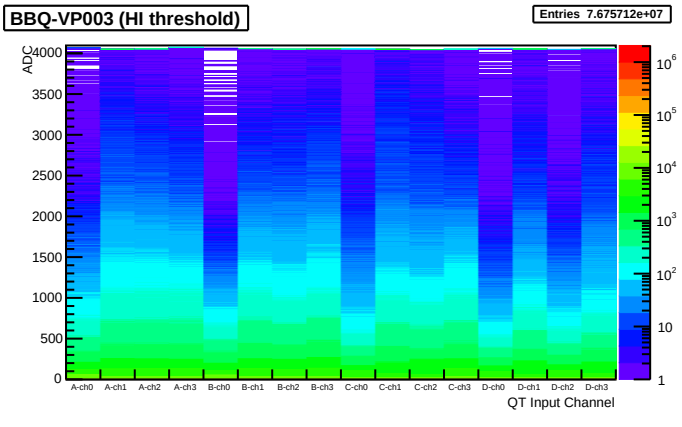

BBQ-ZD001 (ZDC TOWER)
Entries 7.675712e+07
TAC

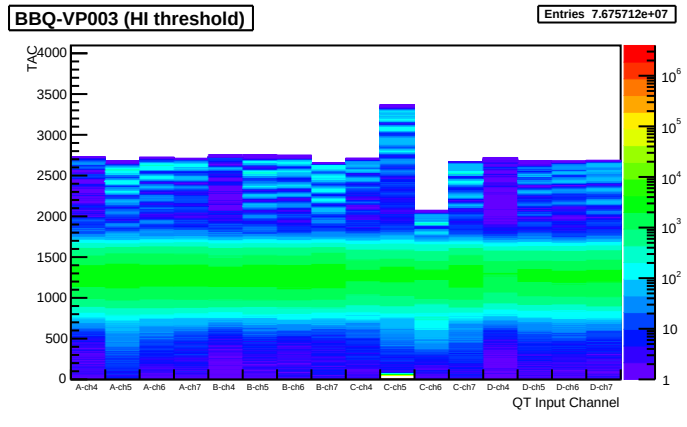

BBQ-VP001 (LO threshold)
Entries 7.675712e+07
ADC
QT Input Channel

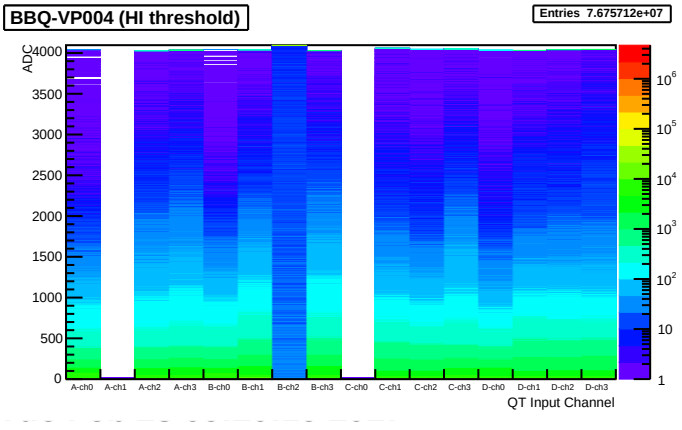

BBQ-VP001 (LO threshold)
Entries 7.675712e+07
TAC
QT Input Channel

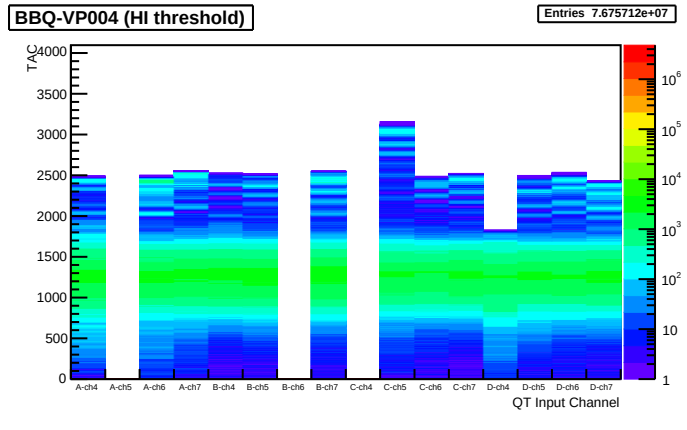

BBQ-VP002 (LO threshold)
Entries 7.675712e+07
ADC
QT Input Channel

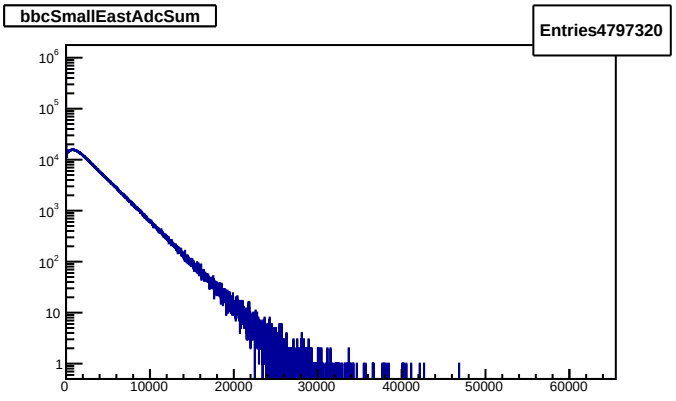

BBQ-VP002 (LO threshold)
Entries 7.675712e+07
TAC
QT Input Channel

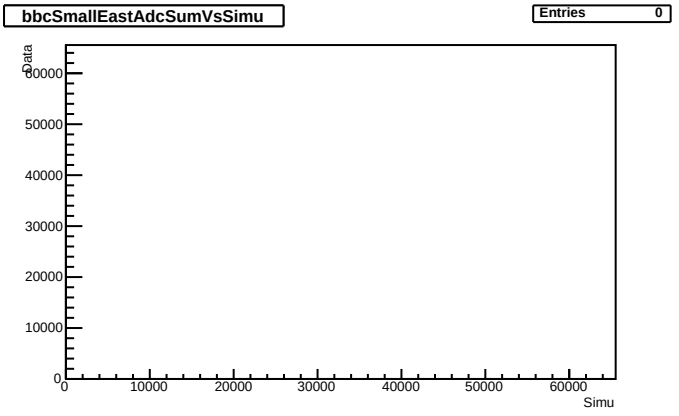

BBQ-VP003 (HI threshold)
Entries 7.675712e+07
ADC
QT Input Channel

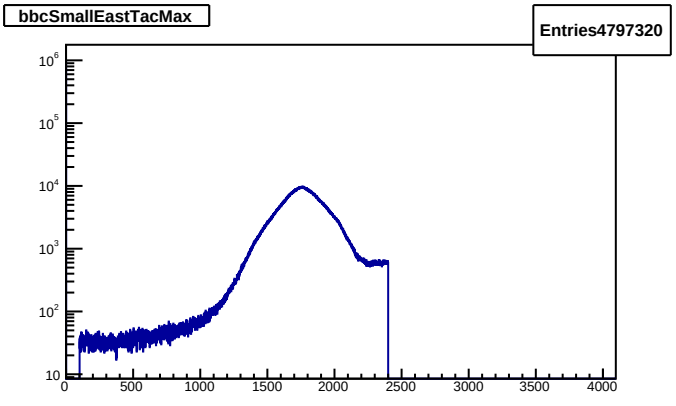

BBQ-VP003 (HI threshold)
Entries 7.675712e+07
TAC
QT Input Channel

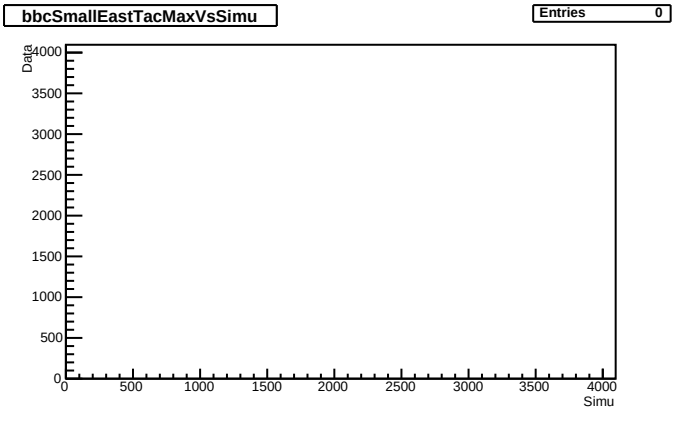

BBQ-VP004 (HI threshold)
Entries 7.675712e+07
ADC
QT Input Channel

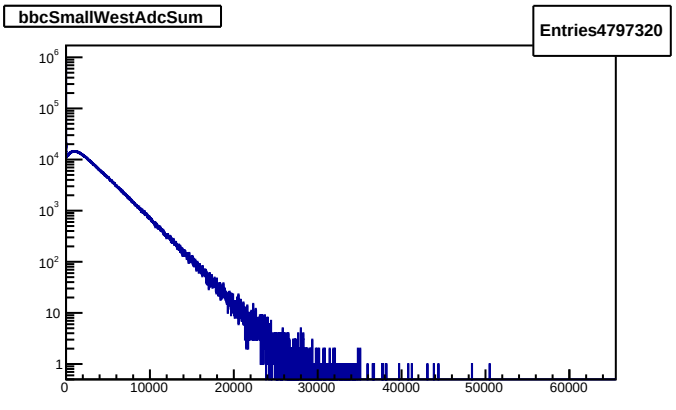

BBQ-VP004 (HI threshold)
Entries 7.675712e+07
TAC
QT Input Channel

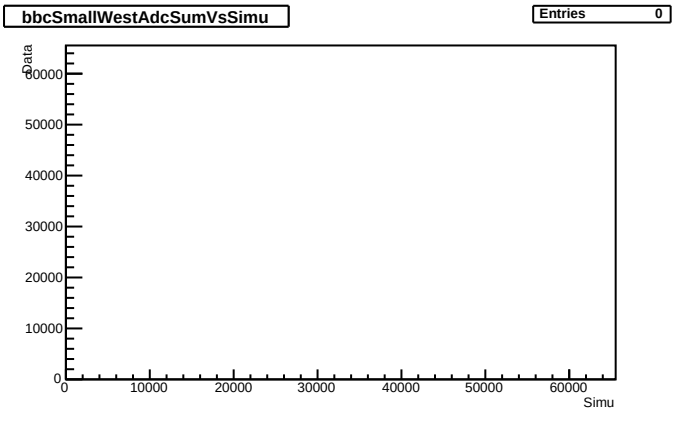

bbcSmallEastAdcSum
Entries4797320

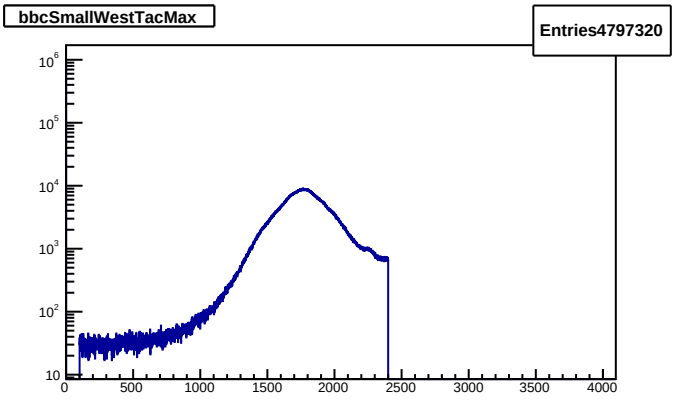

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

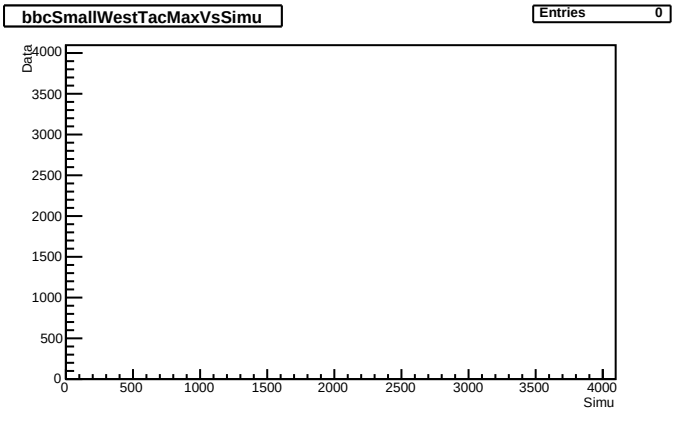

bbcSmallEastTacMax
Entries4797320

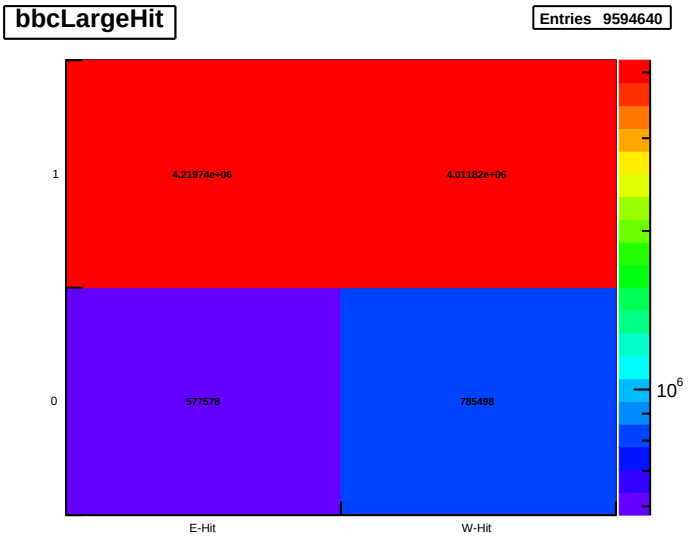

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

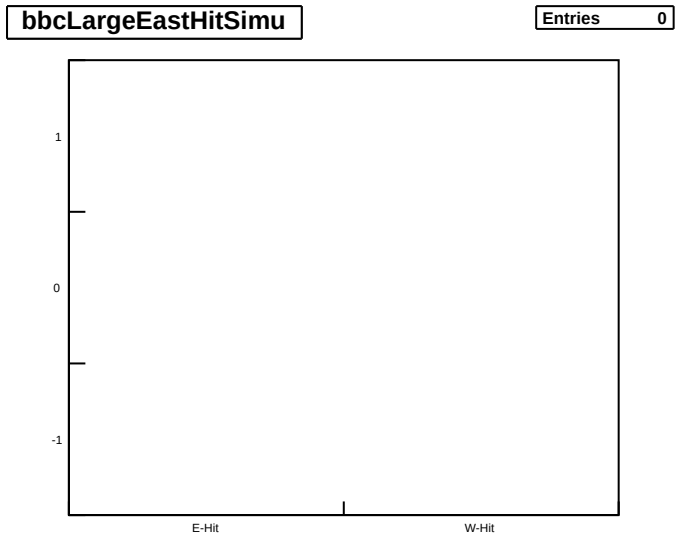

bbcSmallWestAdcSum
Entries4797320

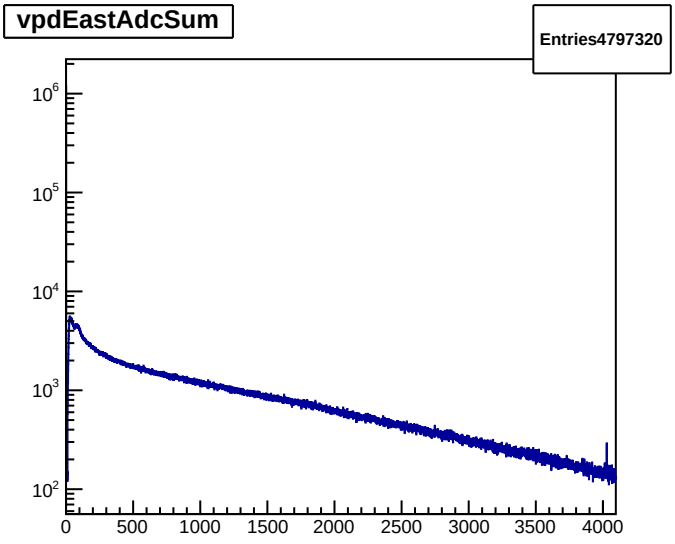

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

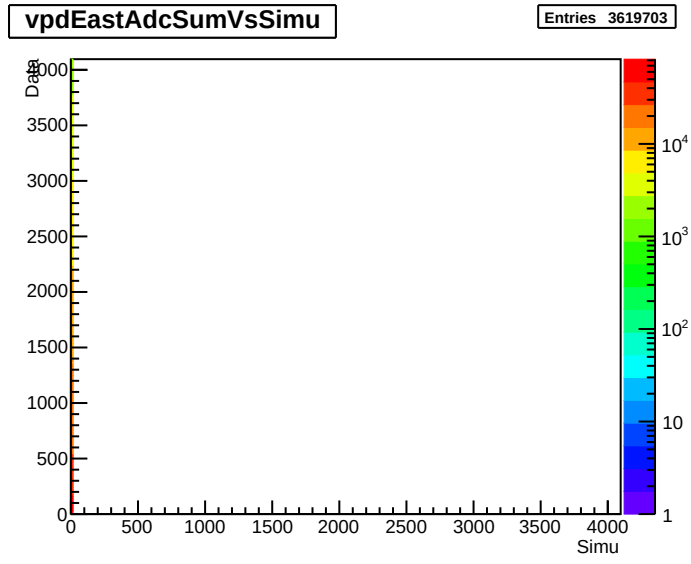

bbcSmallWestTacMax
Entries4797320

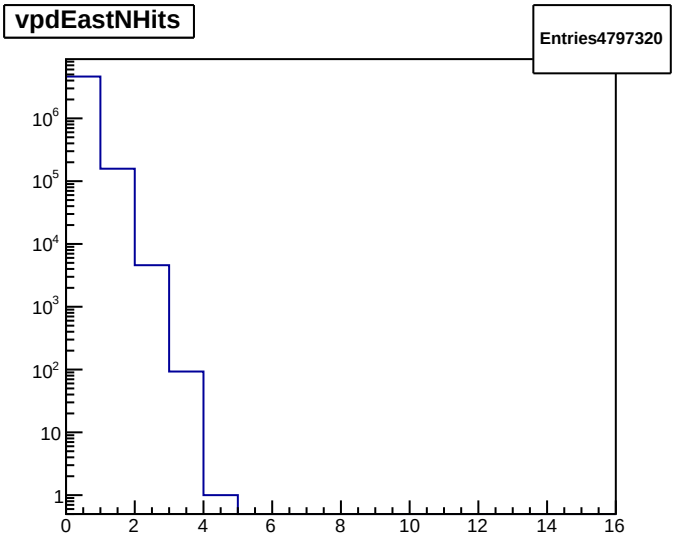

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

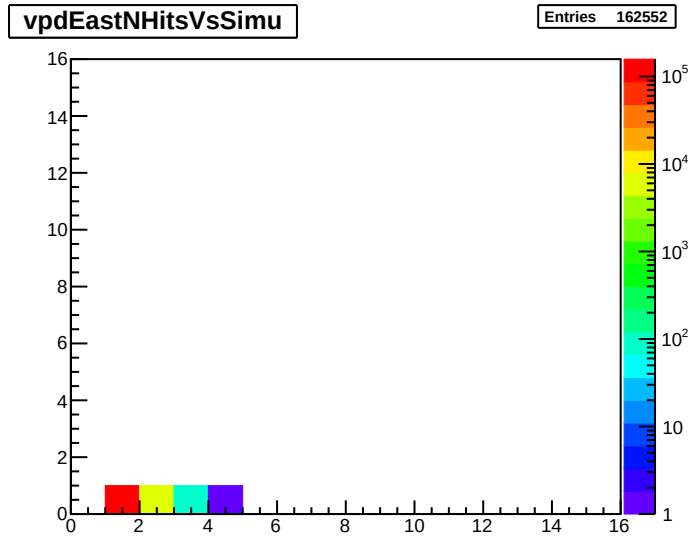

bbcLargeHit
Entries 9594640
1
0
4.21974e+06
4.01182e+06
577578
785498
E-Hit
W-Hit
10^6

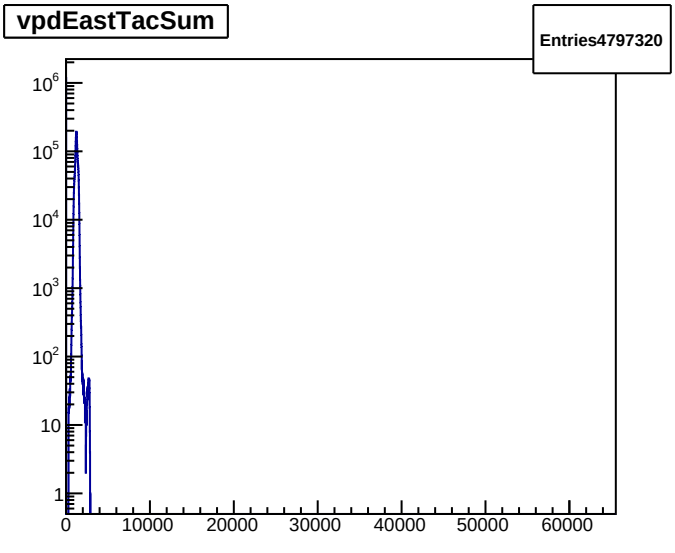

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

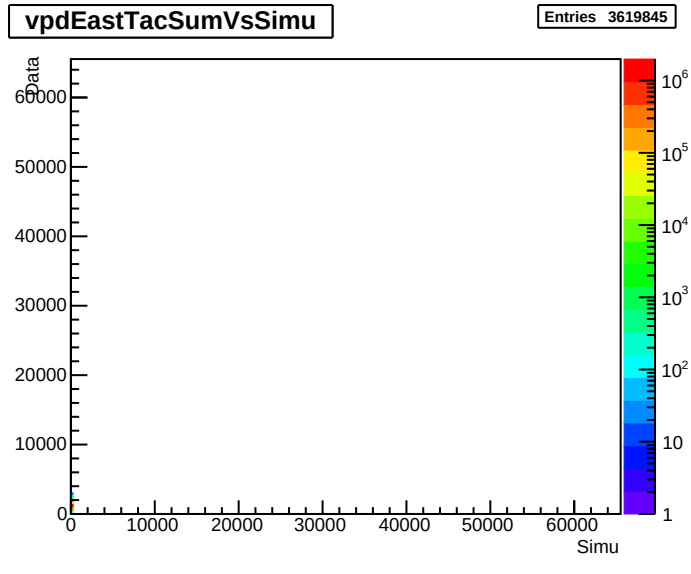

vpdEastAdcSum
Entries4797320

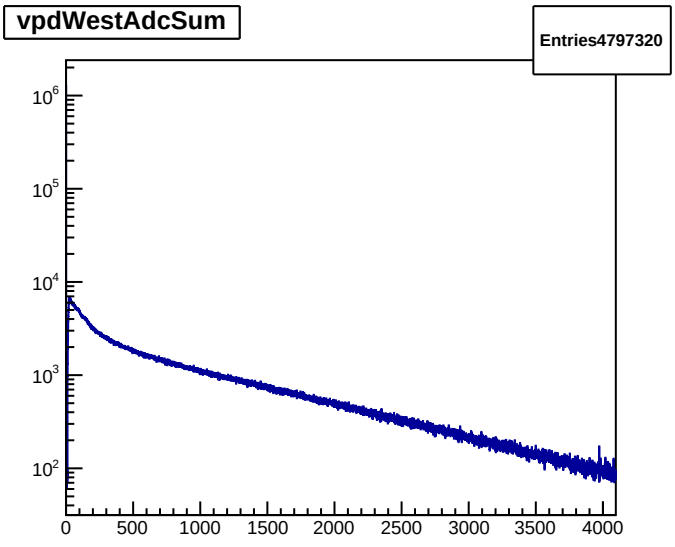

vpdEastAdcSumVsSimu
Entries 3619703
Data
Simu

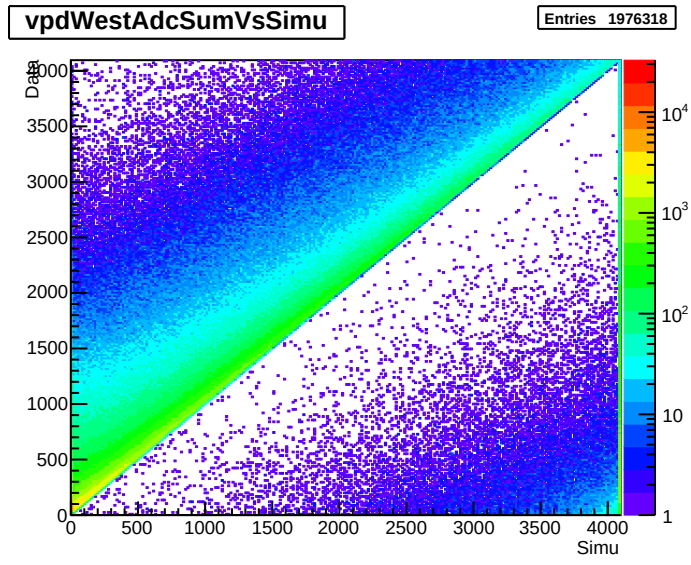

vpdEastNHits
Entries4797320

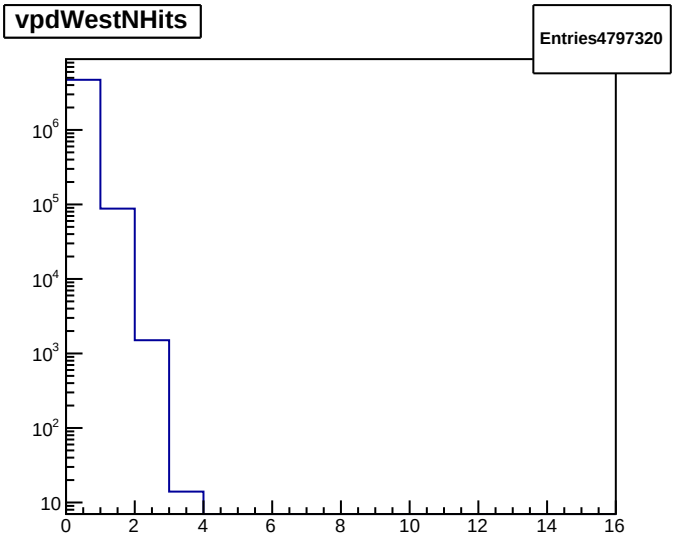

vpdEastNHitsVsSimu
Entries 162552

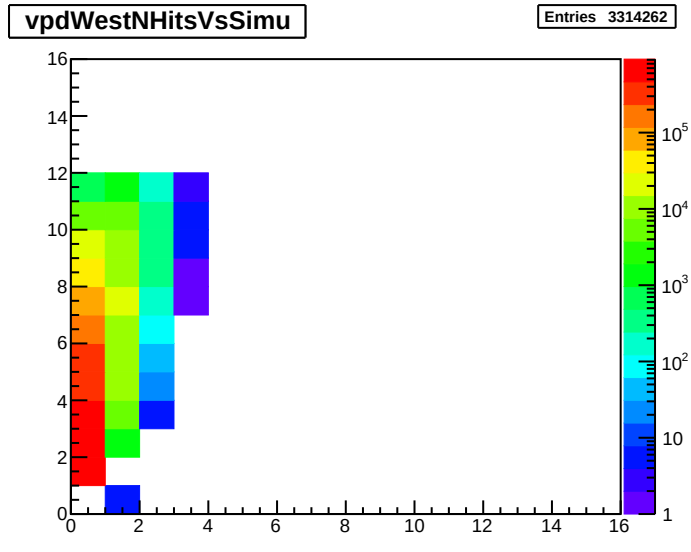

vpdEastTacSum
Entries4797320

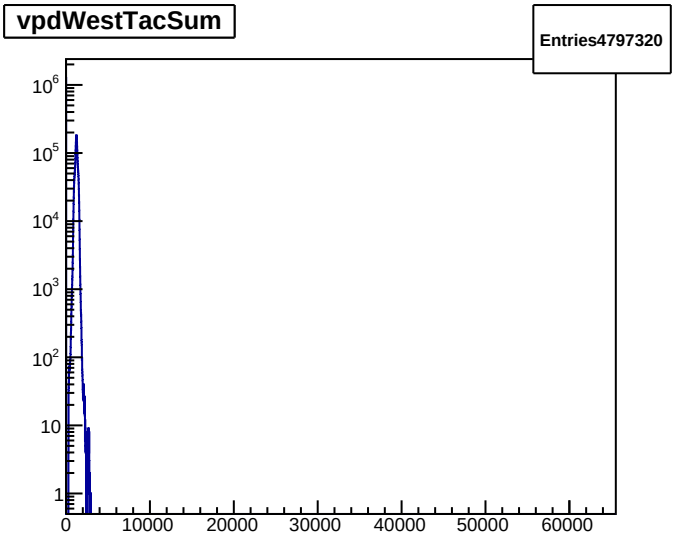

vpdEastTacSumVsSimu
Entries 3619845
Data
Simu

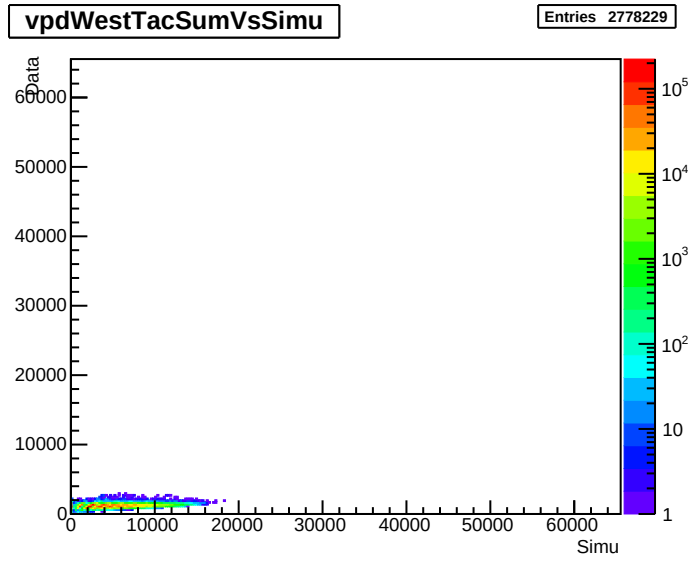

vpdWestAdcSum
Entries4797320

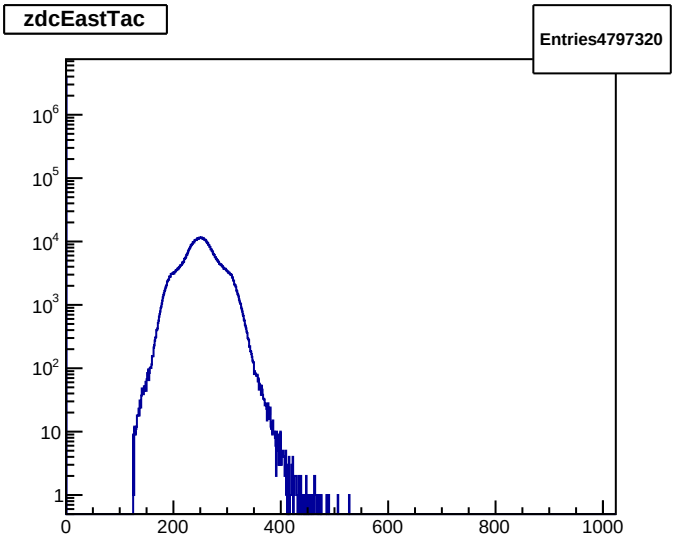

vpdWestAdcSumVsSimu
Entries 1976318
Data
Simu

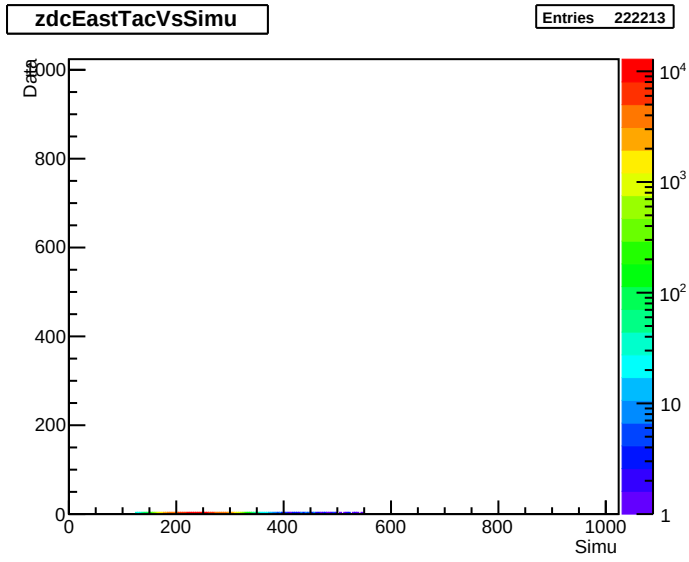

vpdWestNHits
Entries4797320

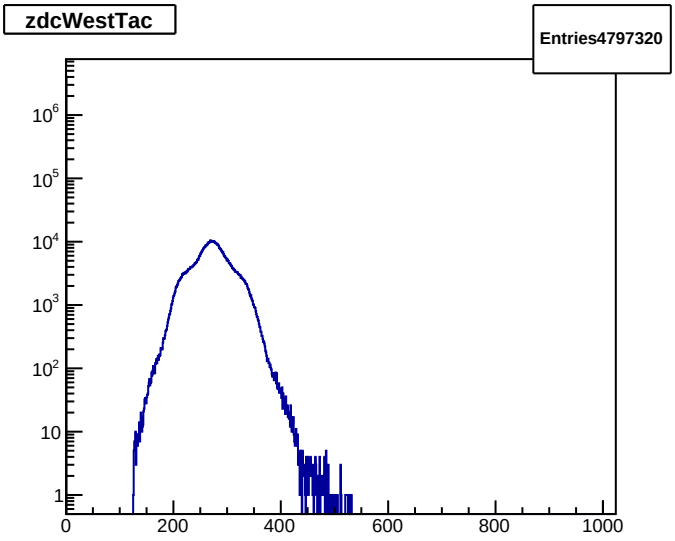

vpdWestNHitsVsSimu
Entries 3314262

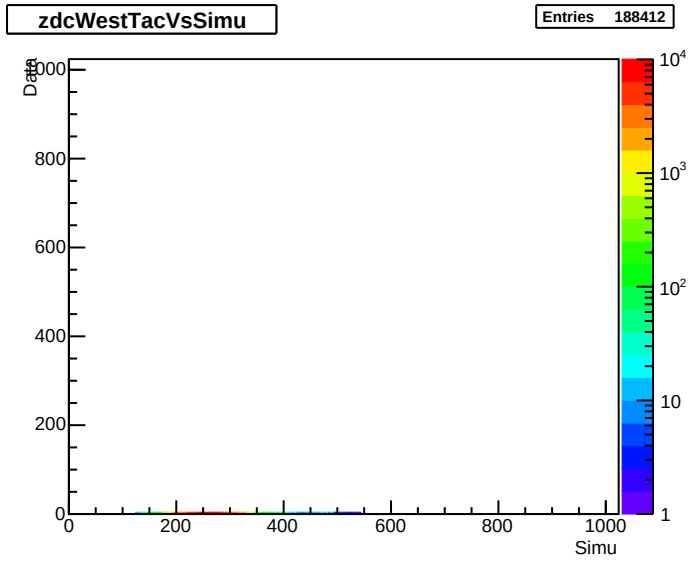

vpdWestTacSum
Entries4797320

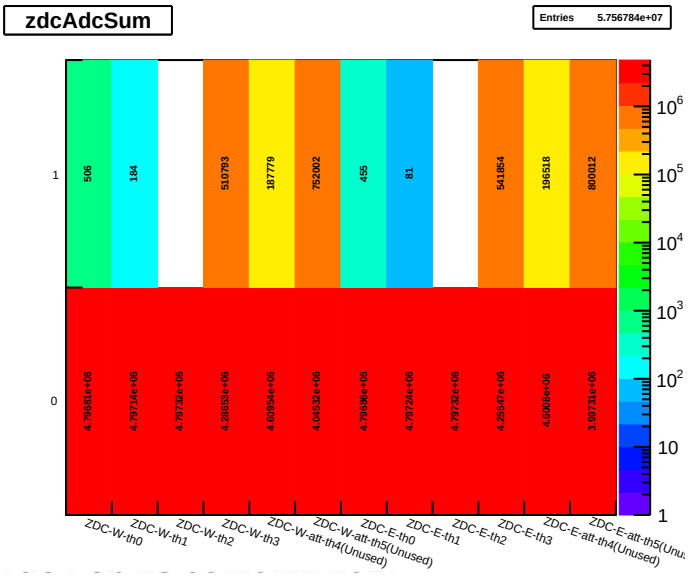

vpdWestTacSumVsSimu
Entries 2778229
Data
Simu

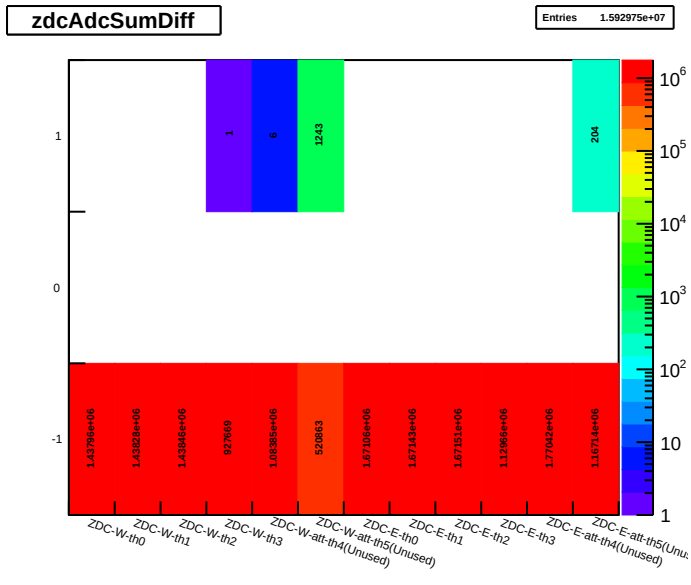

zdcEastTac
Entries4797320

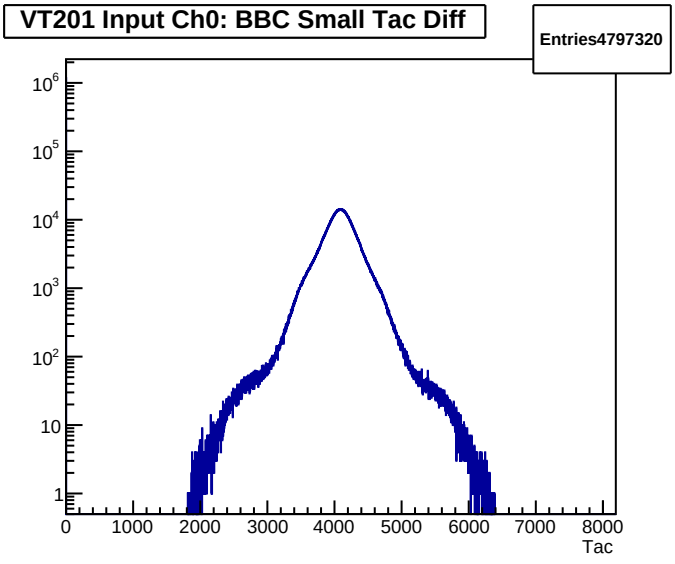

zdcEastTacVsSimu
Entries 222213
Data
Simu

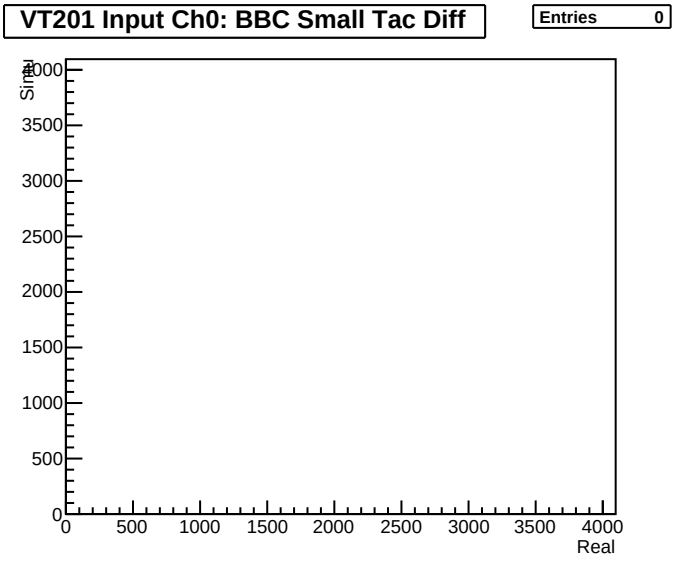

zdcWestTac
Entries4797320

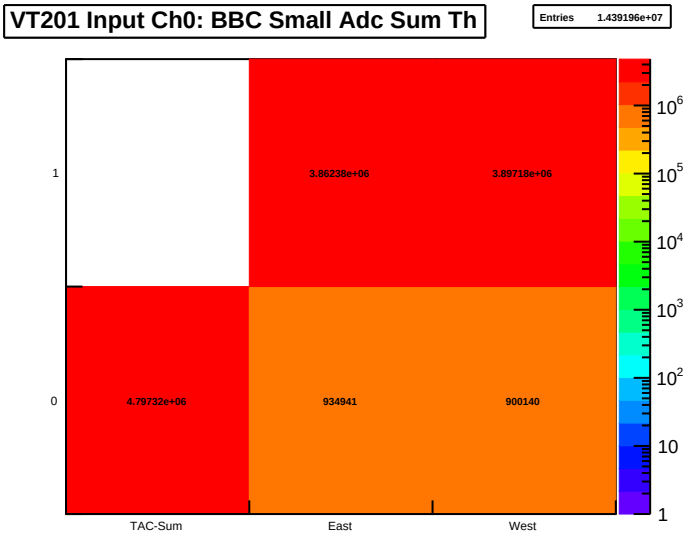

zdcWestTacVsSimu
Entries 188412
Data
Simu

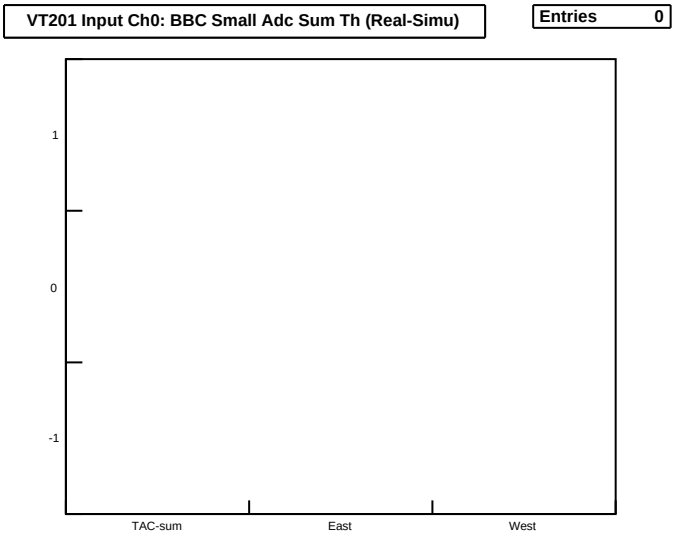

zdcAdcSum
Entries 5.756784e+07
506
184
510793
187779
752002
455
81
541854
196518
800012
4.79681e+06
4.79714e+06
4.79732e+06
4.29653e+06
4.60954e+06
4.04532e+06
4.79686e+06
4.79724e+06
4.79732e+06
4.25547e+06
4.6008e+06
3.99731e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

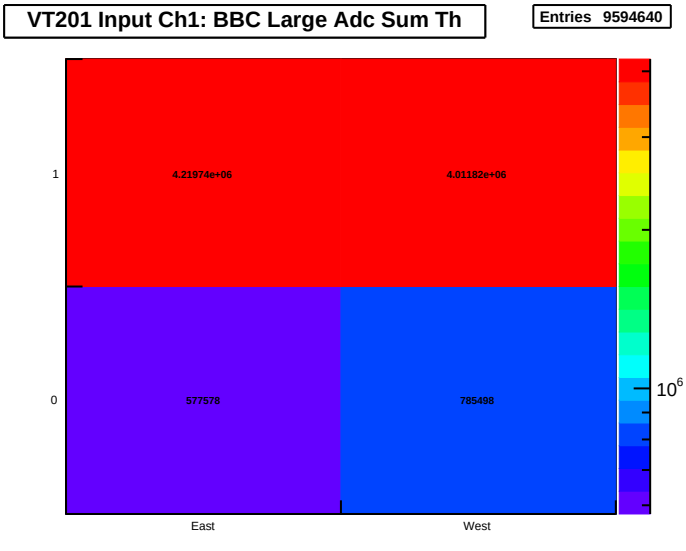

zdcAdcSumDiff
Entries 1.592975e+07
1
6
1243
204
1.43796e+06
1.43828e+06
1.43846e+06
927669
1.08385e+06
520863
1.67106e+06
1.67143e+06
1.67151e+06
1.12966e+06
1.77042e+06
1.13714e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

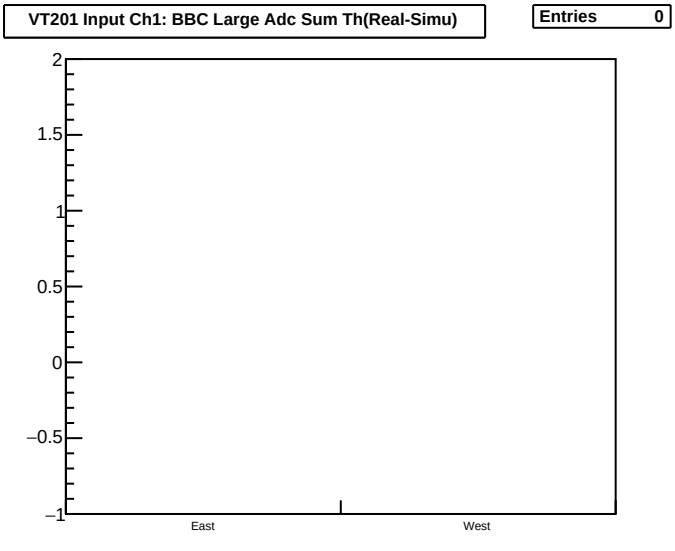

VT201 Input Ch0: BBC Small Tac Diff
Entries4797320
Tac


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

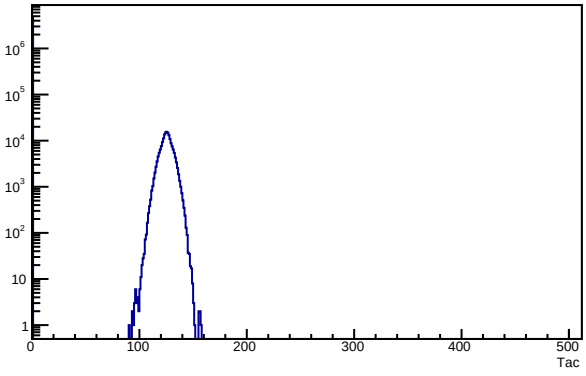

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.439196e+07
3.86238e+06
3.89718e+06
4.79732e+06
934941
900140
TAC-Sum
East
West


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

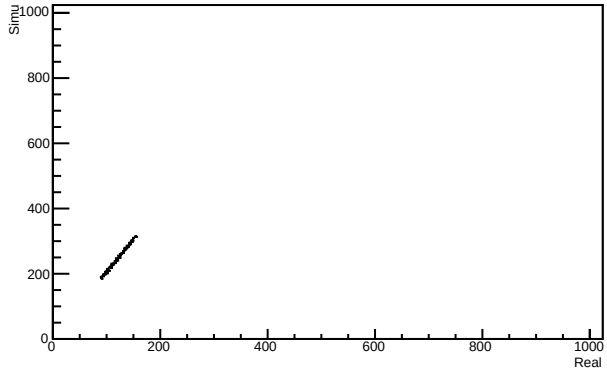

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9594640
4.21974e+06
4.01182e+06
577578
785498
East
West


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

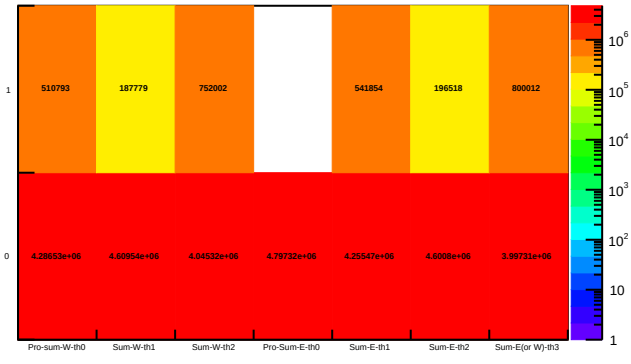
VT201 Input Ch2: ZDC Tac Diff



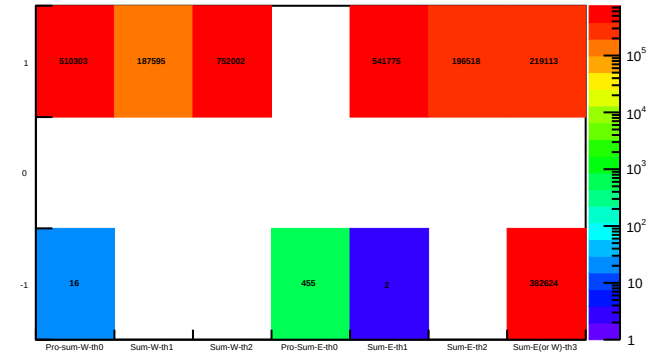
VT201 Input Ch2: ZDC Tac Diff



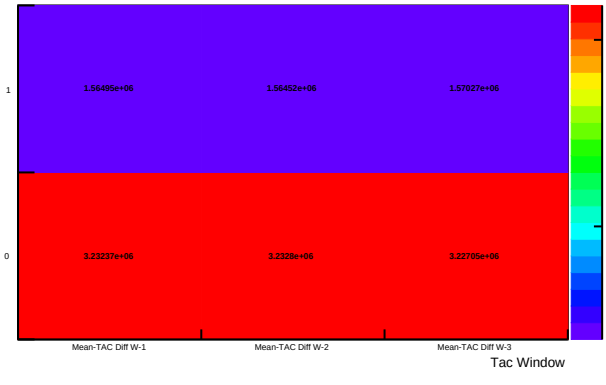
VT201 Input Ch2: ZDC Adc Sum Th



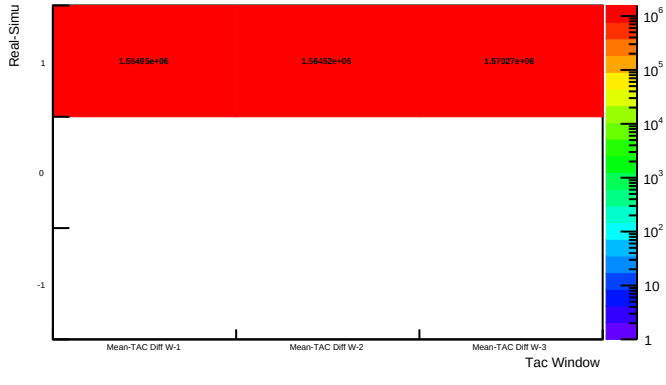
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



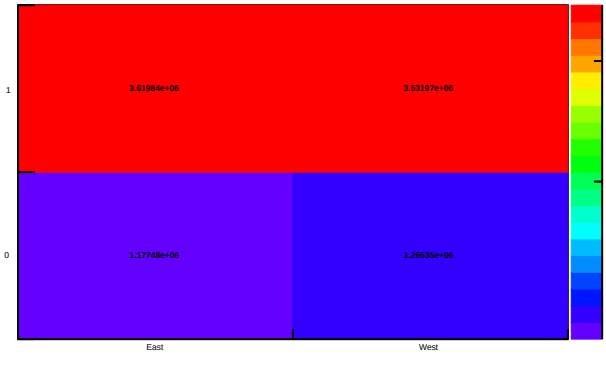
VT201 Input Ch4: VPD Tac Diff



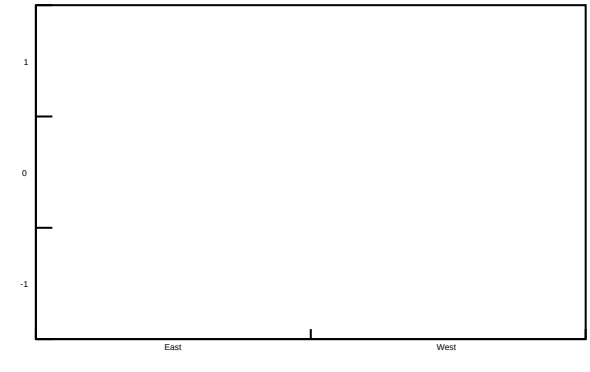
VT201 Input Ch4: VPD Tac Diff

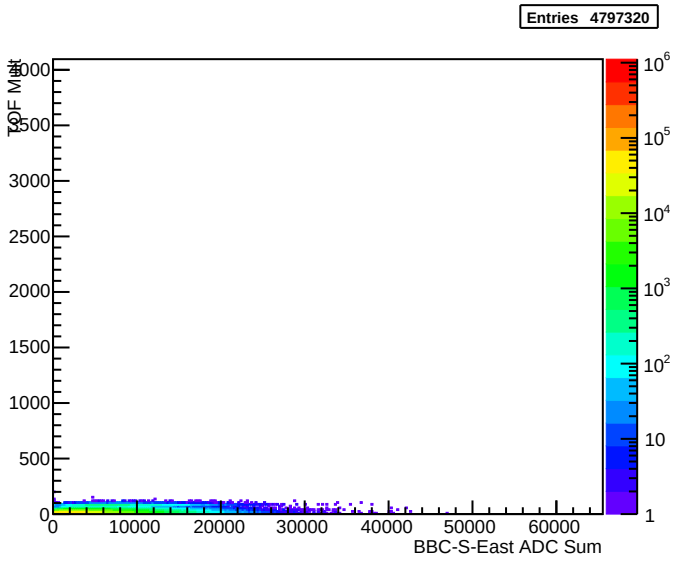


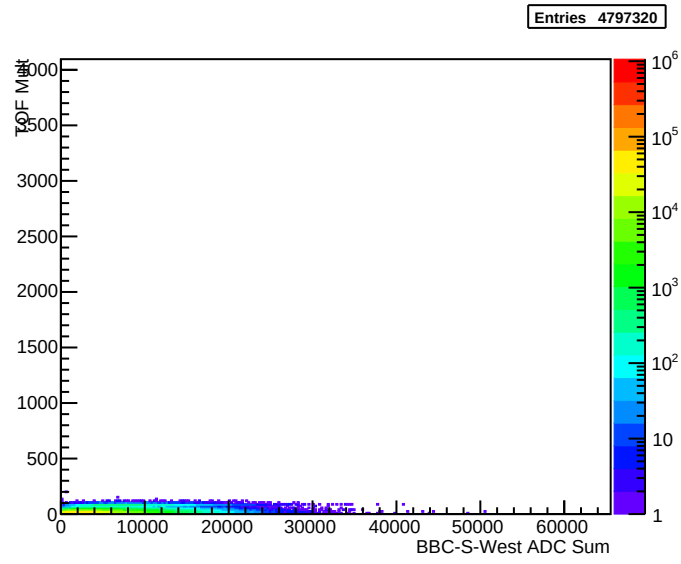
VT201 Input Ch4: VPD Adc Sum Th

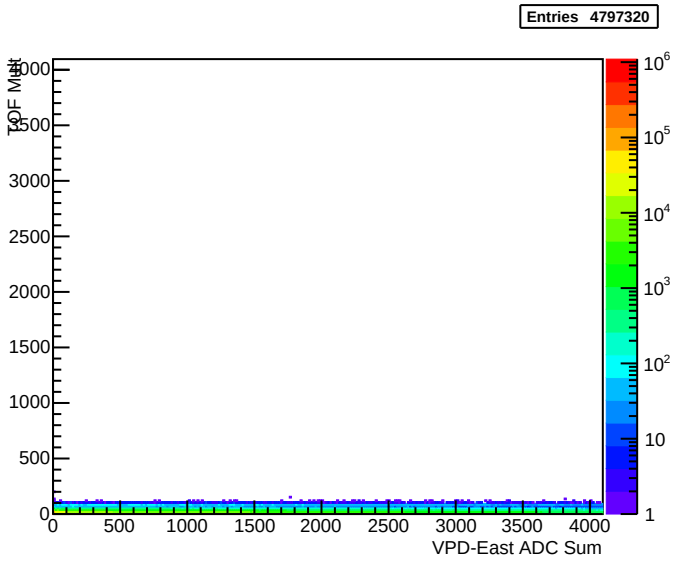


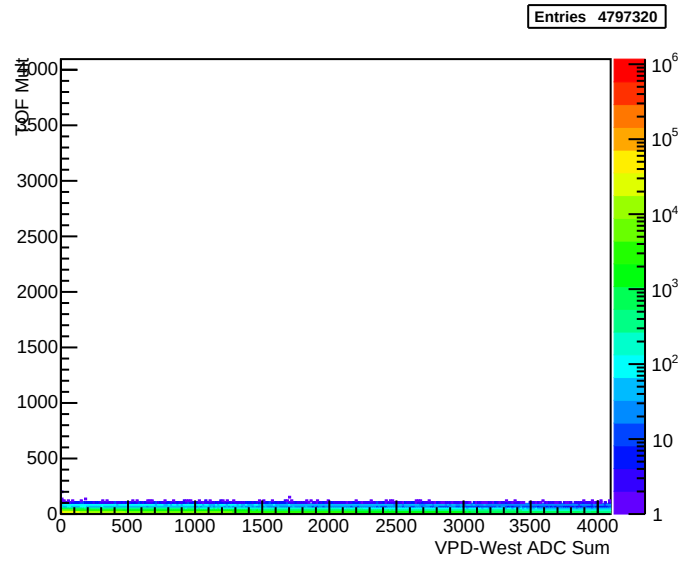
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

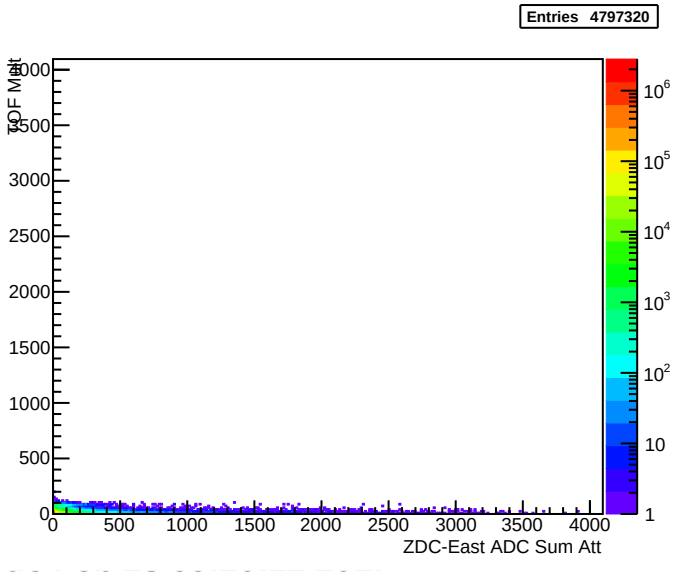


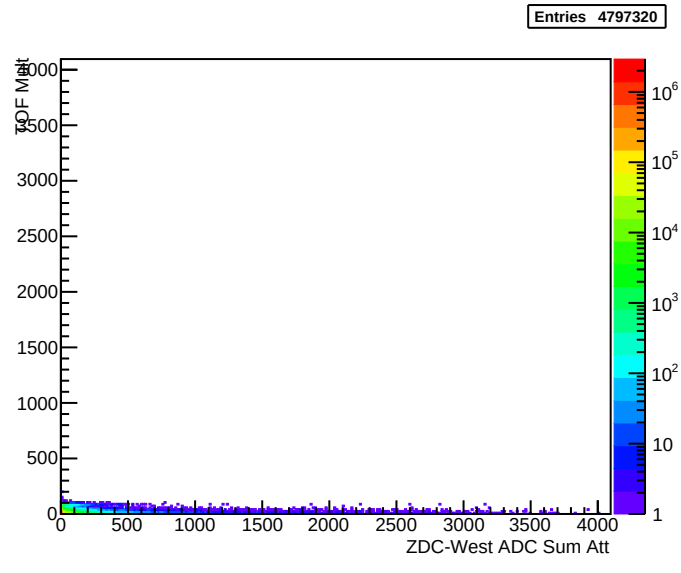

Entries 4797320
TOF Mult
BBC-S-East ADC Sum

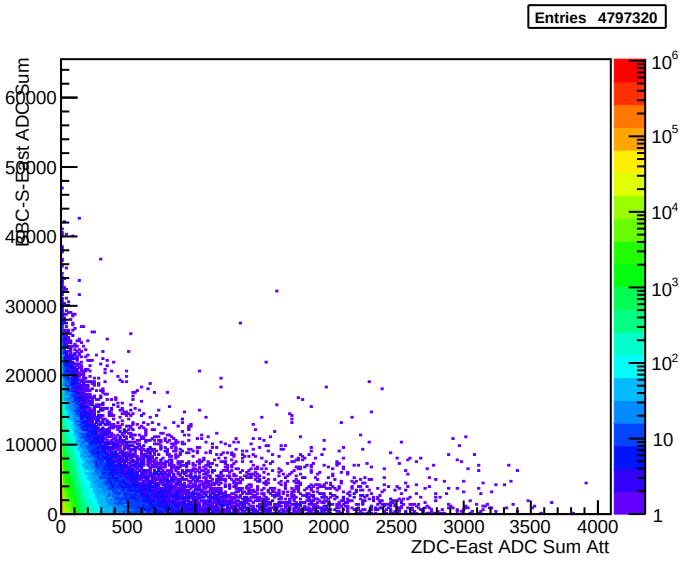

Entries 4797320
TOF Mult
BBC-S-West ADC Sum

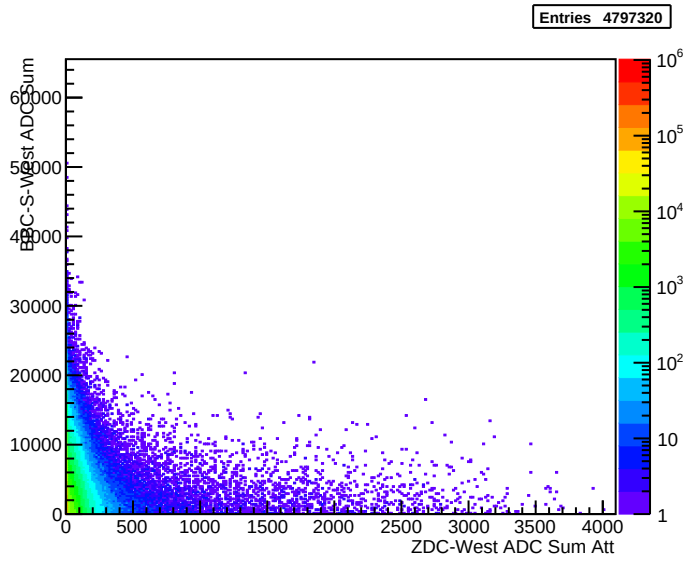

Entries 4797320
TOF Mult
VPD-East ADC Sum

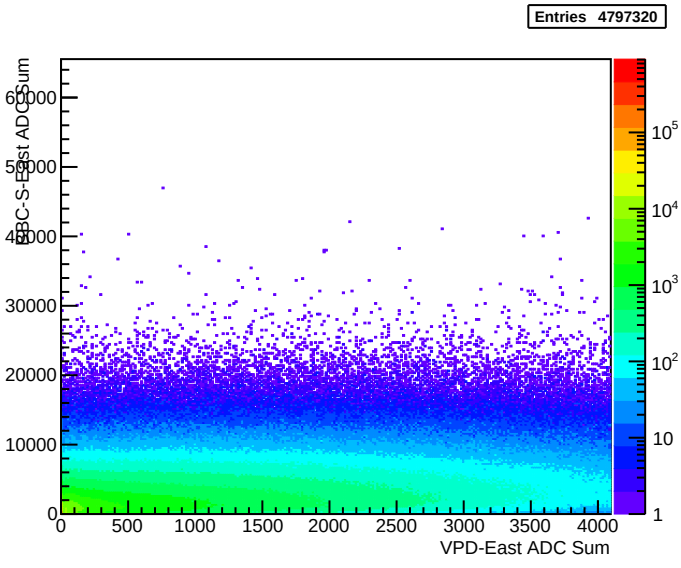

Entries 4797320
TOF Mult
VPD-West ADC Sum

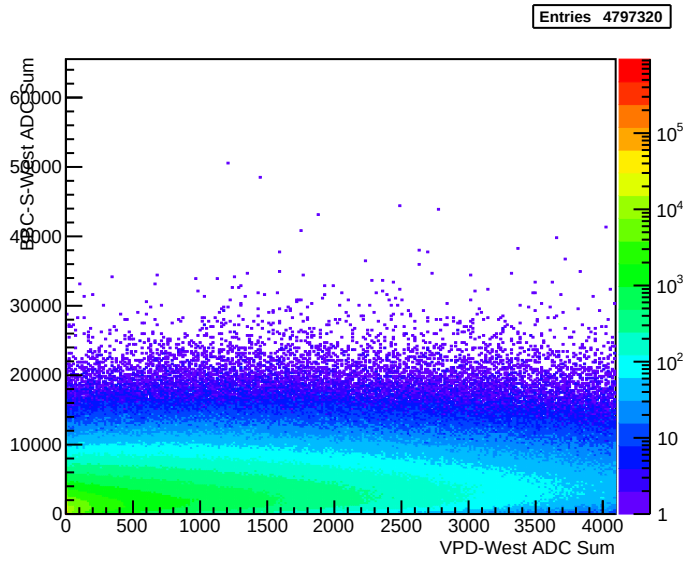

Entries 4797320
TOF Mult
ZDC-East ADC Sum Att

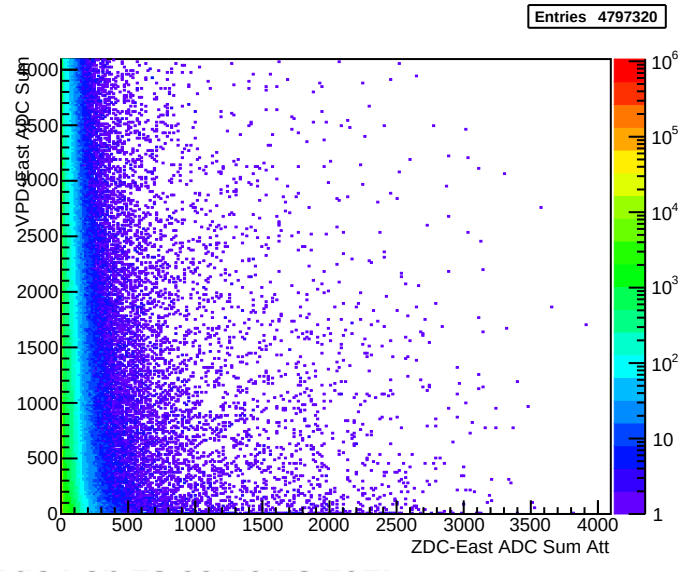

Entries 4797320
TOF Mult
ZDC-West ADC Sum Att

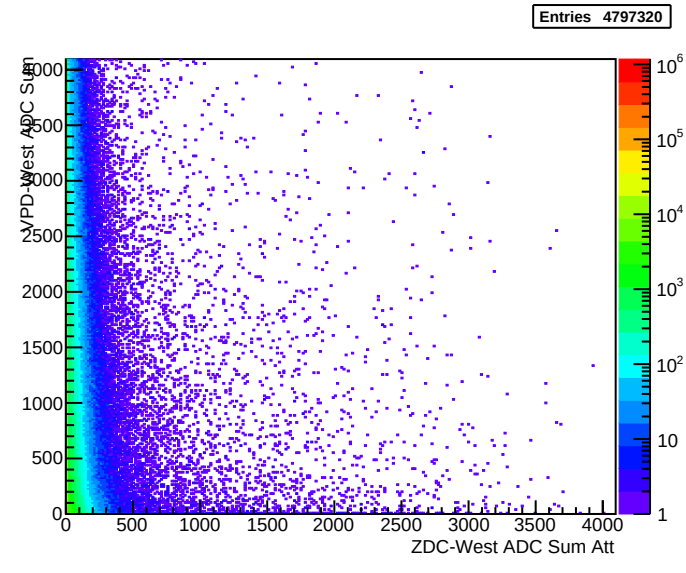

Entries 4797320
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

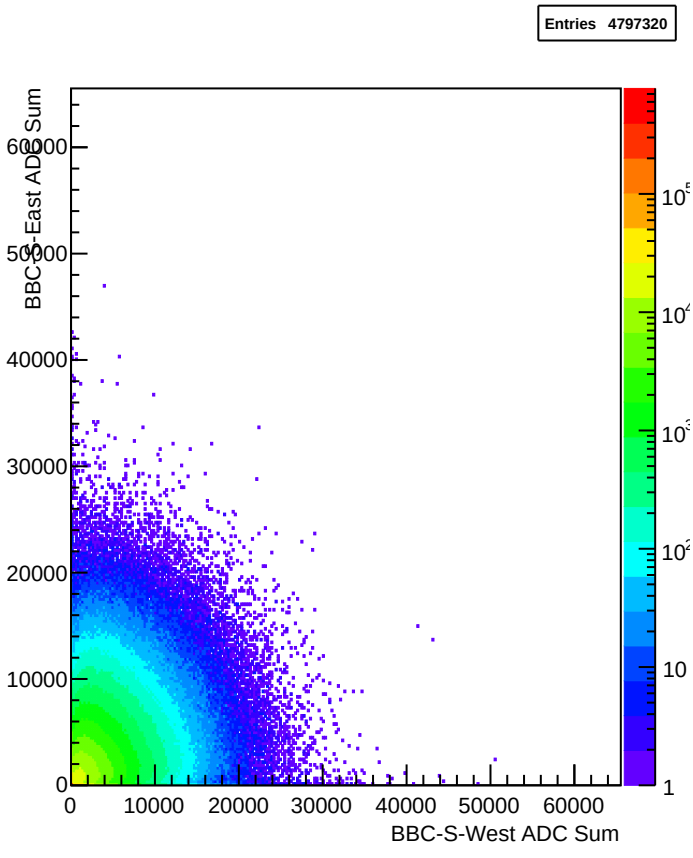

Entries 4797320
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

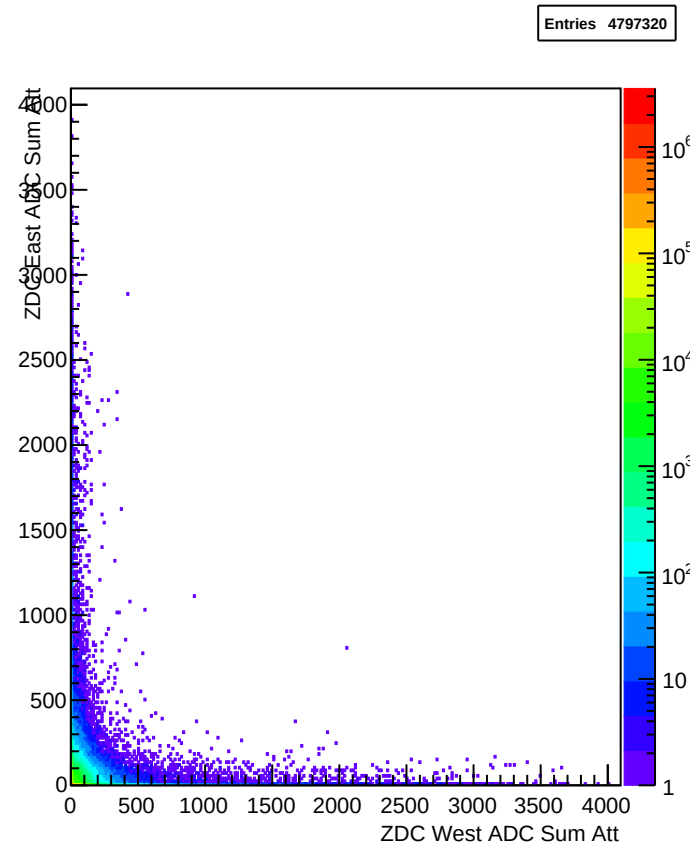

Entries 4797320
BBC-S-East ADC Sum
VPD-East ADC Sum

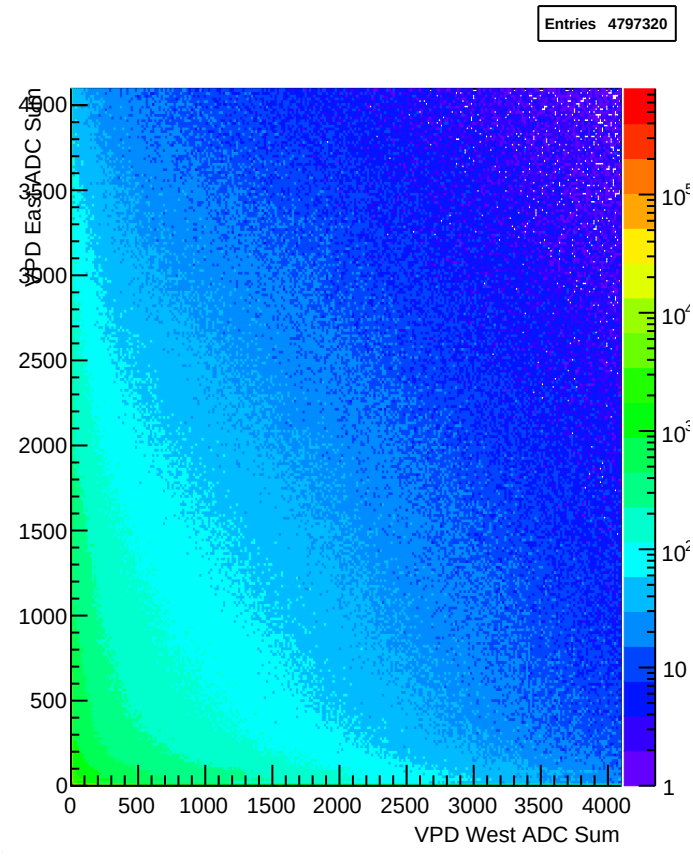

Entries 4797320
BBC-S-West ADC Sum
VPD-West ADC Sum

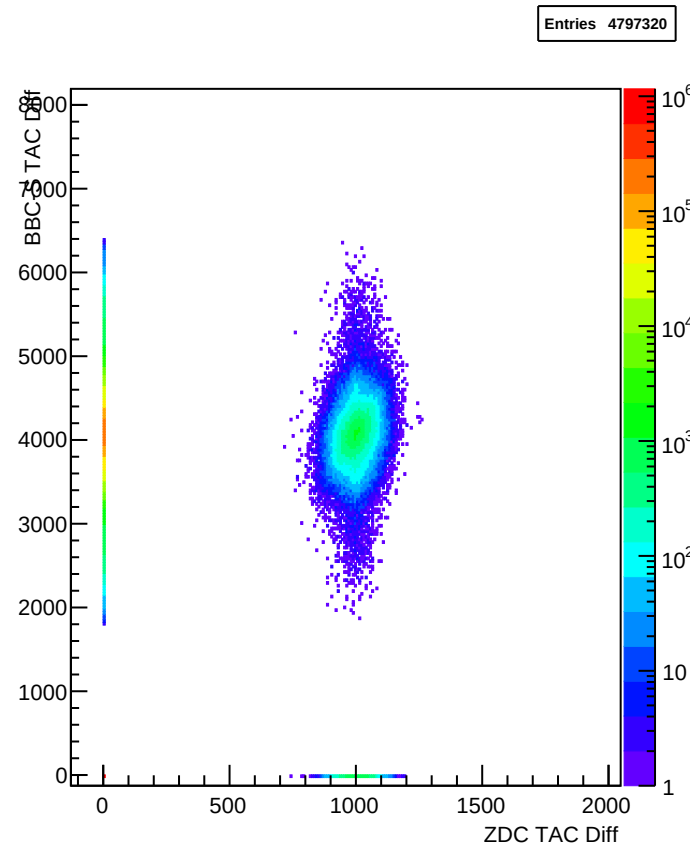

Entries 4797320
VPD-East ADC Sum
ZDC-East ADC Sum Att

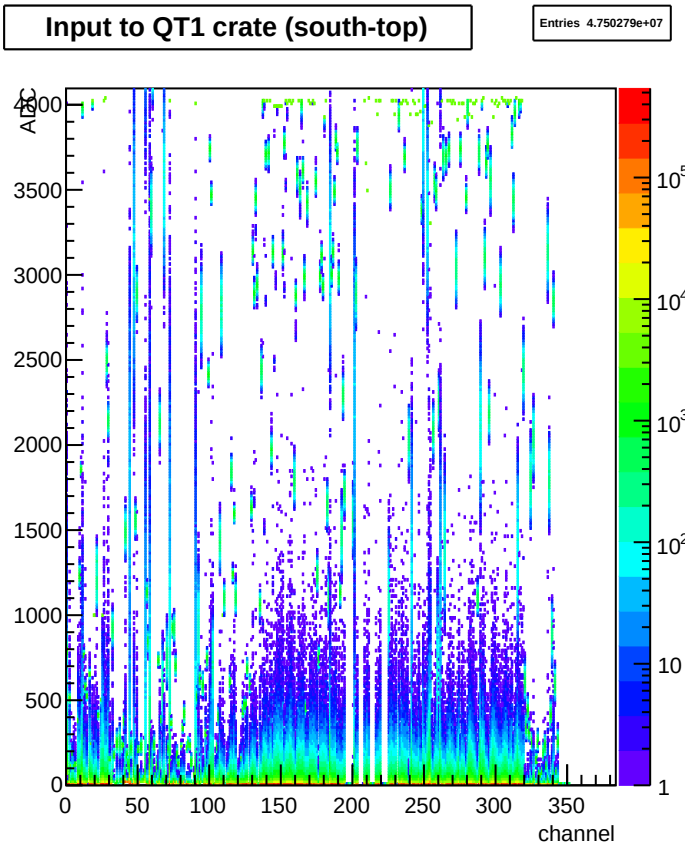

Entries 4797320
VPD-West ADC Sum
ZDC-West ADC Sum Att

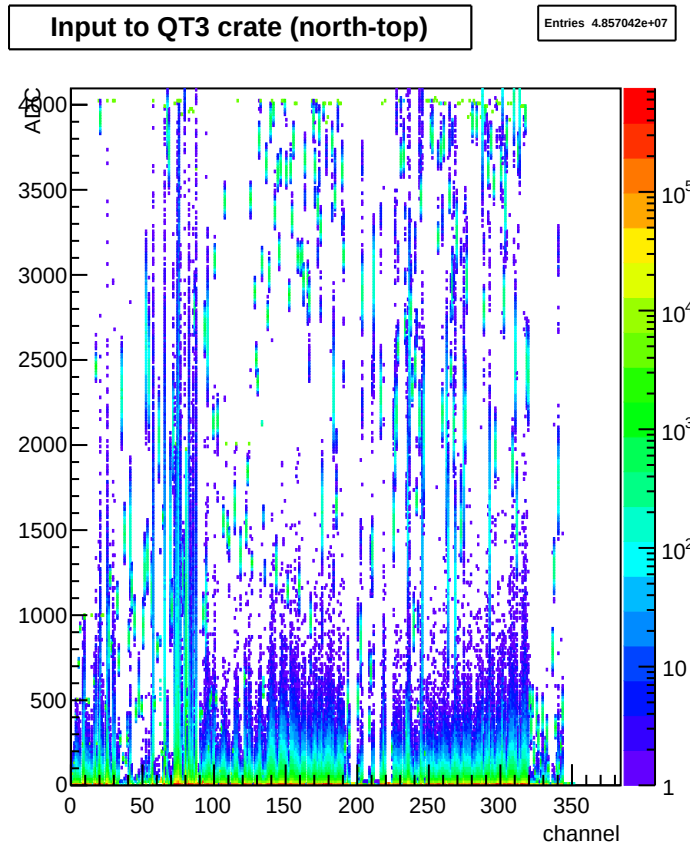

Entries 4797320
BBC-S-East ADC Sum
BBC-S-West ADC Sum

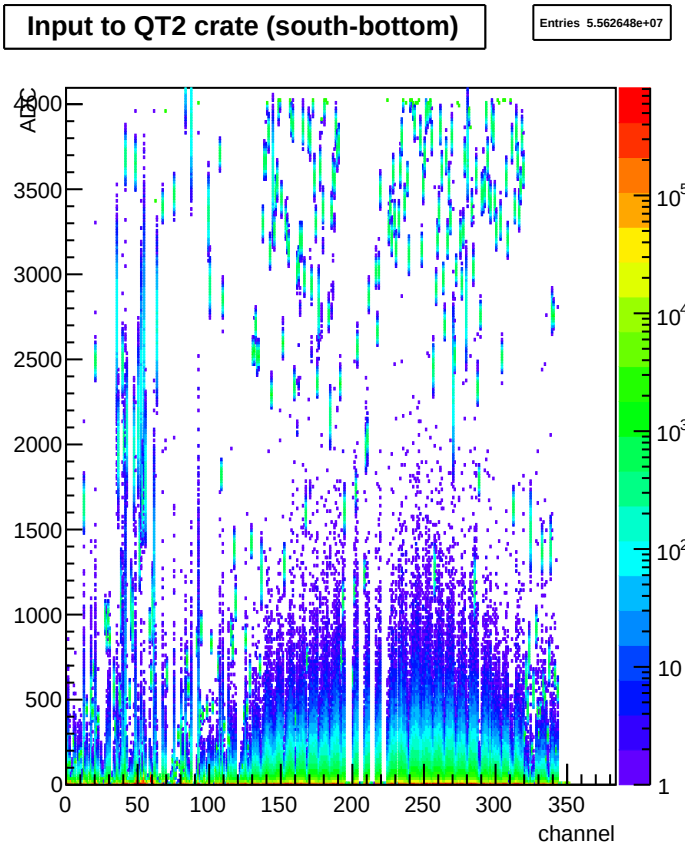

Entries 4797320
ZDC East ADC Sum Att
ZDC West ADC Sum Att

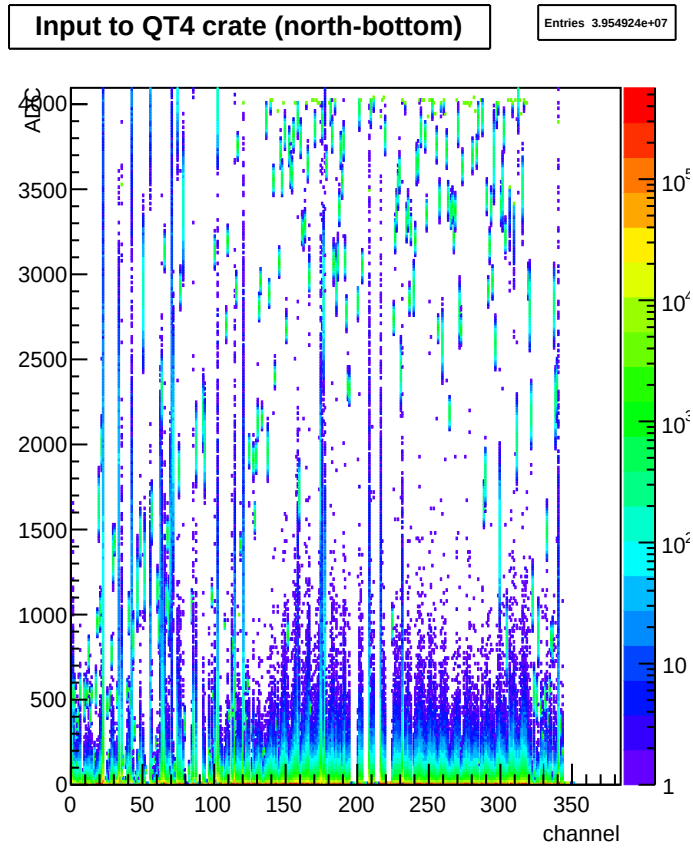

Entries 4797320
VPD East ADC Sum
VPD West ADC Sum

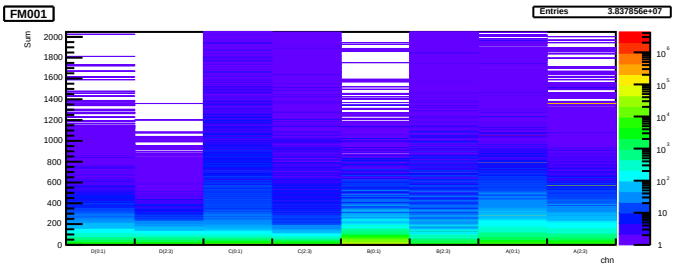

Entries 4797320
BBC-S TAC Diff
ZDC TAC Diff

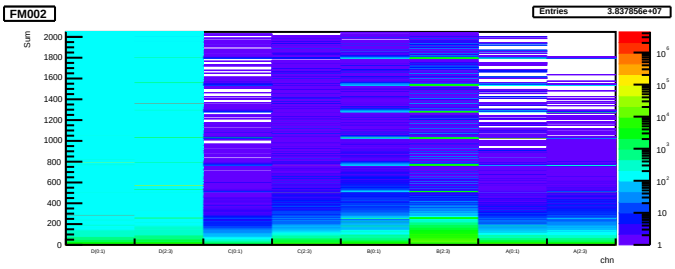

Input to QT1 crate (south-top)
Entries 4.750279e+07
ADC
channel

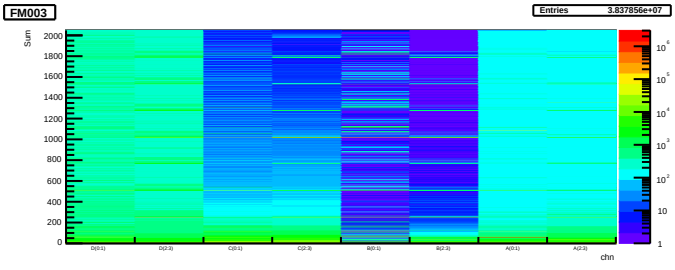

Input to QT3 crate (north-top)
Entries 4.857042e+07
ADC
channel


Input to QT2 crate (south-bottom)
Entries 5.562648e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 3.954924e+07
ADC
channel


FM001
Entries 3.837856e+07
Sum
chn


FM002
Entries 3.837856e+07
Sum
chn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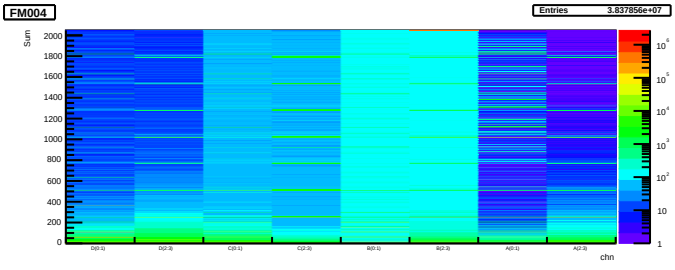
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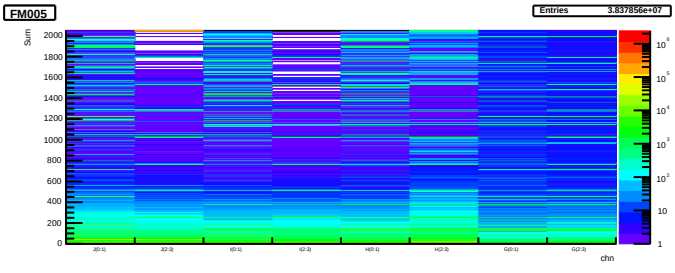
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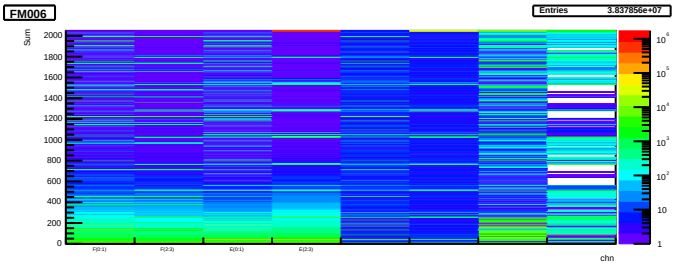
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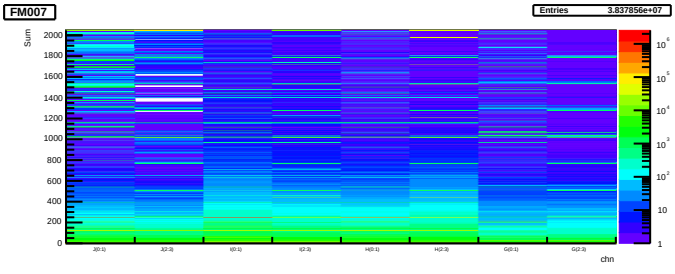
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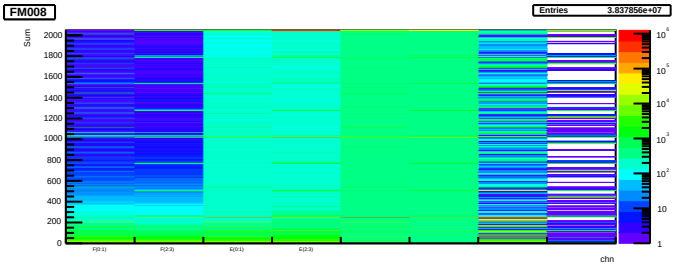
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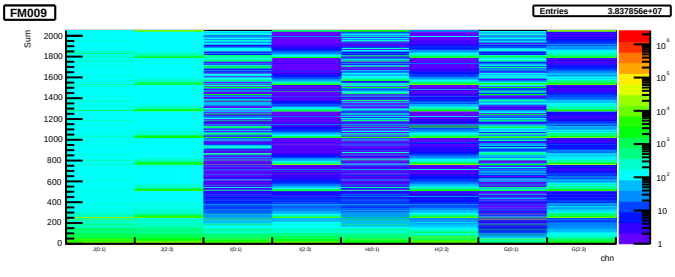
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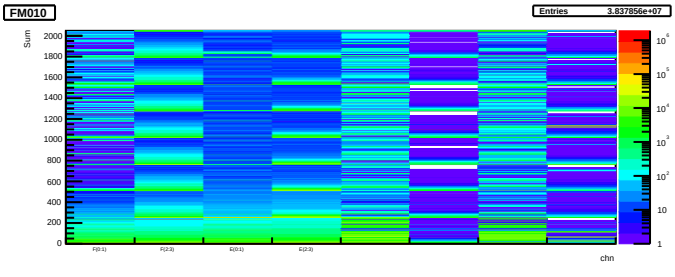
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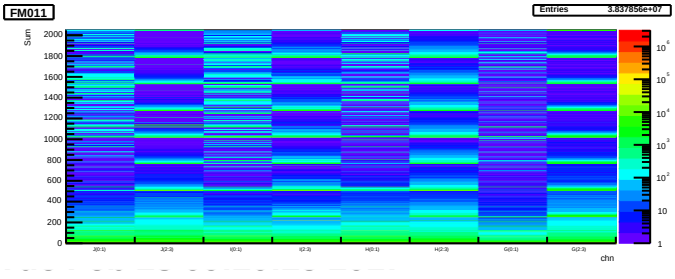
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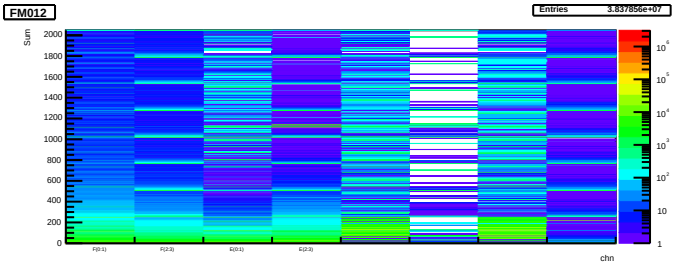
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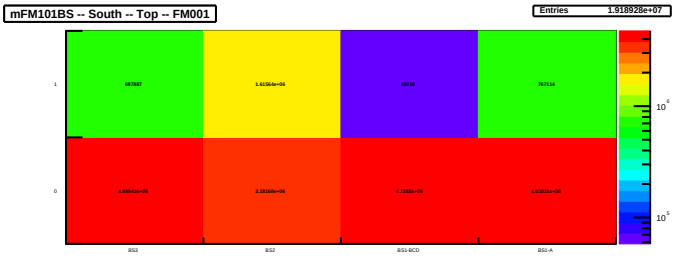
mFM101BS -- South -- Top -- FM001
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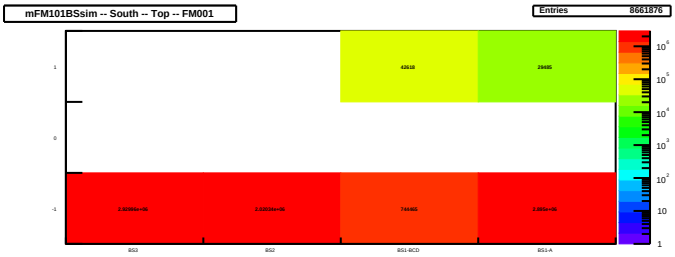
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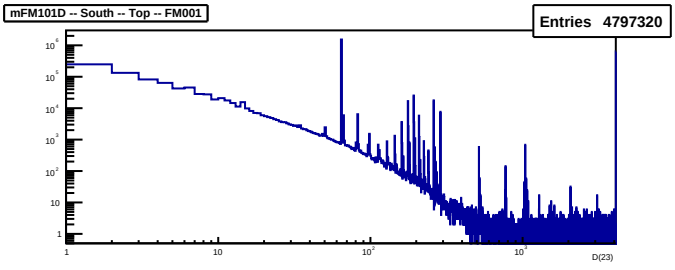
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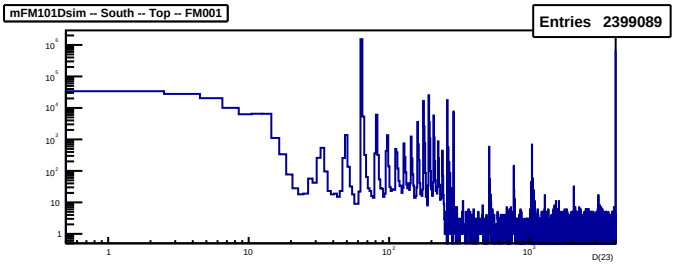
D(23)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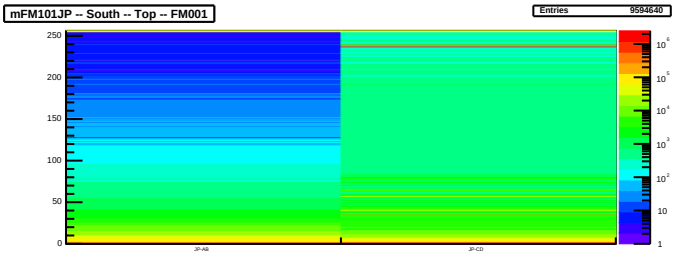
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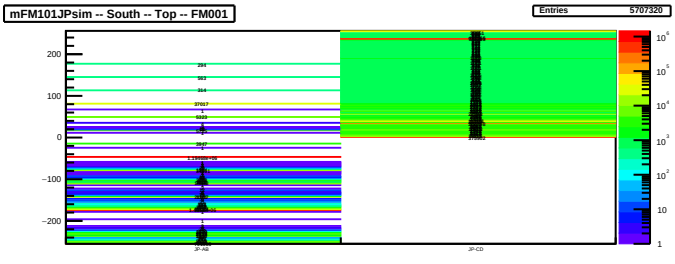
Entries 9594640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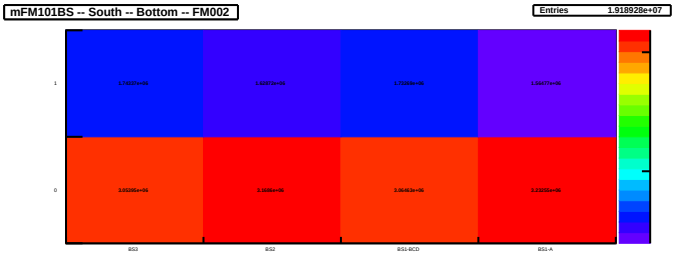
mFM101BS -- South -- Bottom -- FM002
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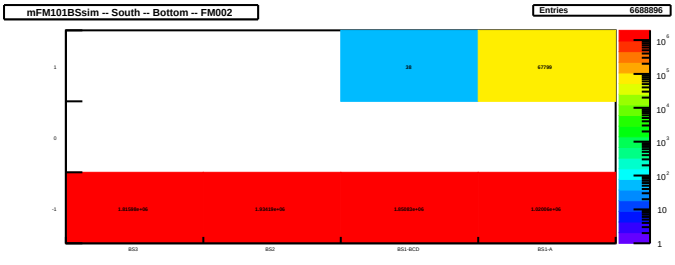
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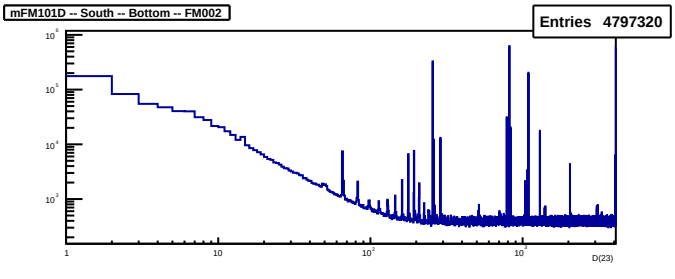
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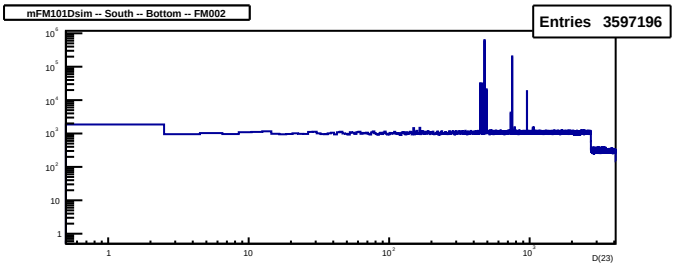
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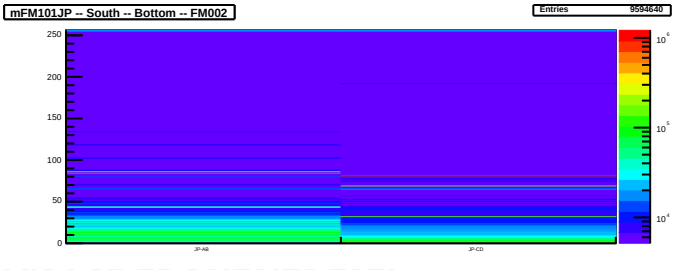
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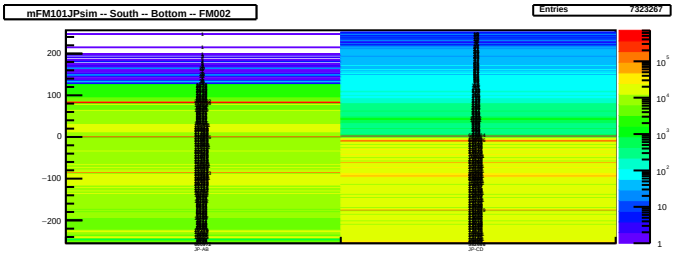
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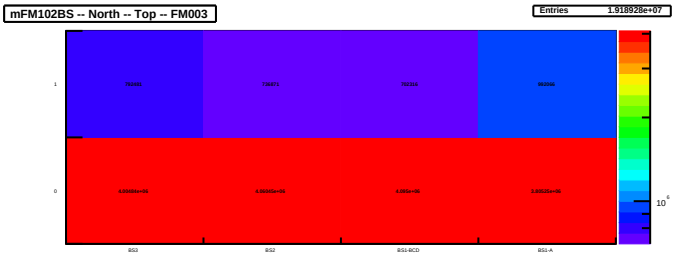
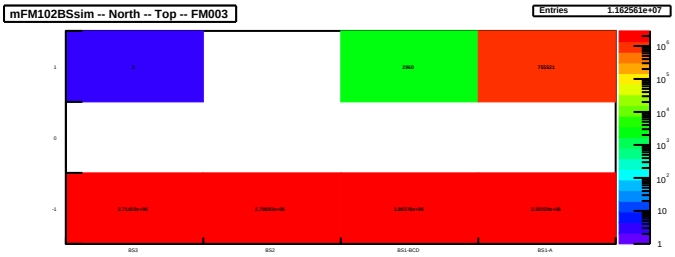

mFM102BS -- North -- Top -- FM003
Entries 1.918928e+07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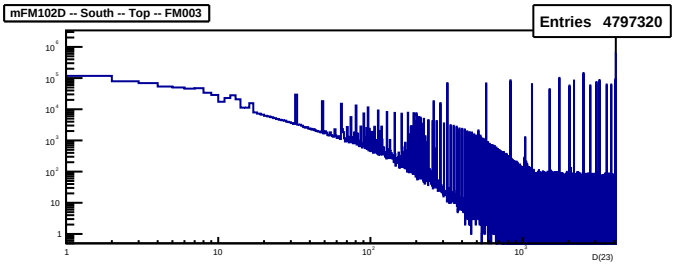
mFM102D -- South -- Top -- FM003
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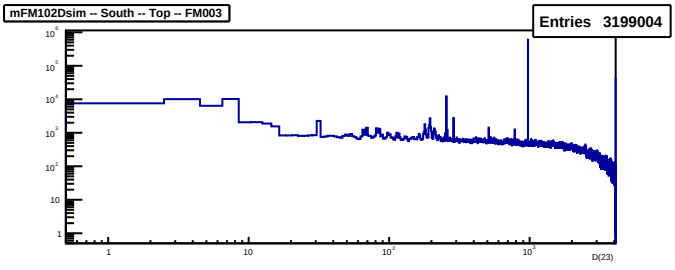
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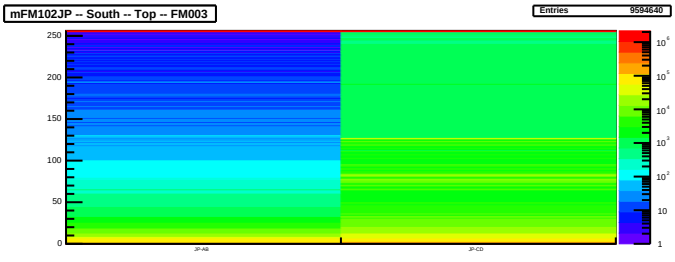
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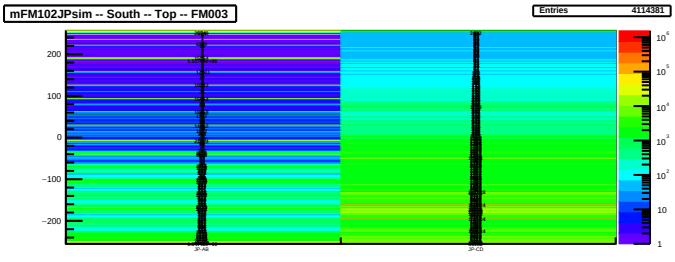
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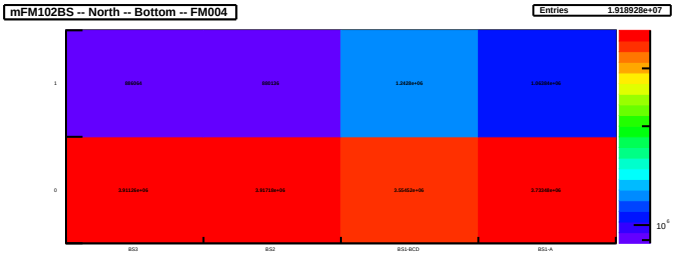
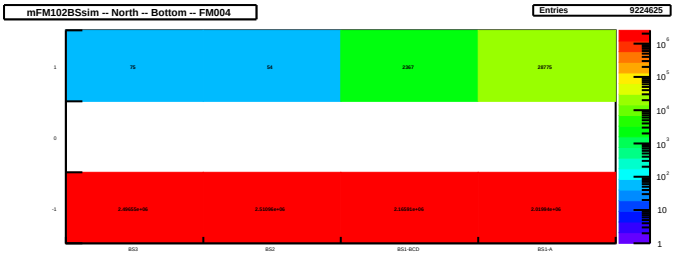

mFM102BS -- North -- Bottom -- FM004
Entries 1.918928e+07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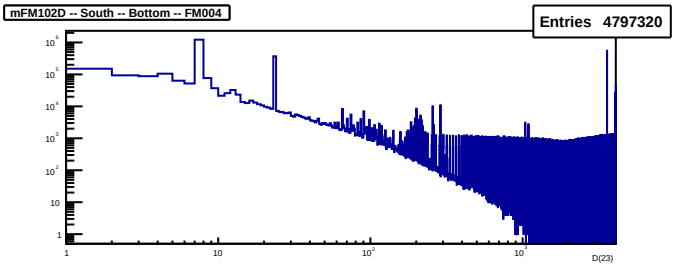
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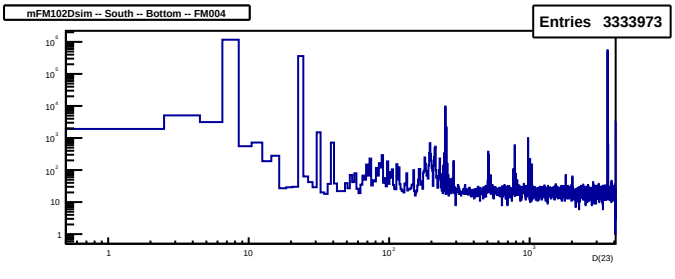
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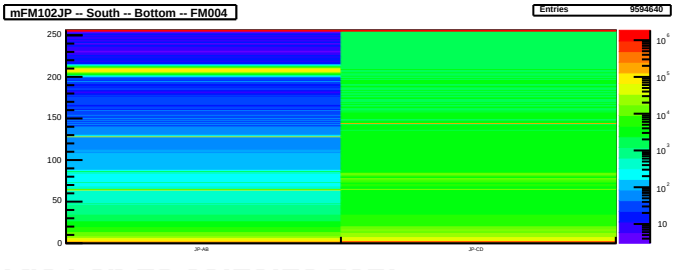
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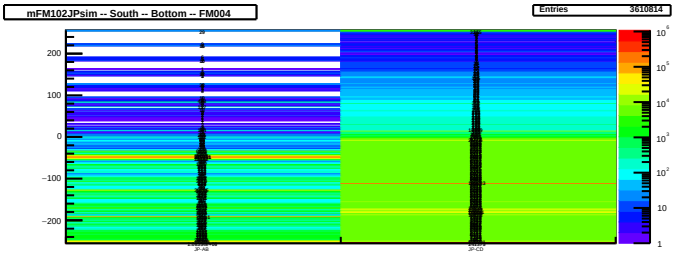
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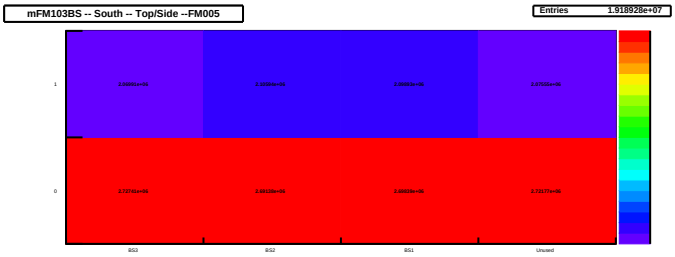
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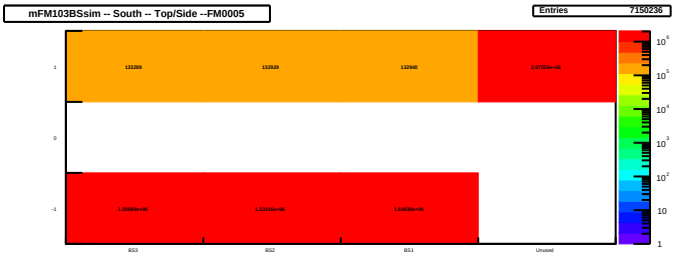
Entries 1.918928e+07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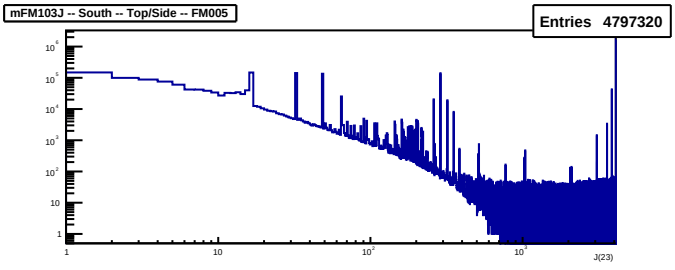
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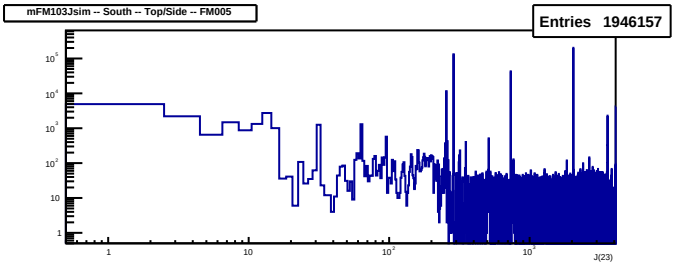
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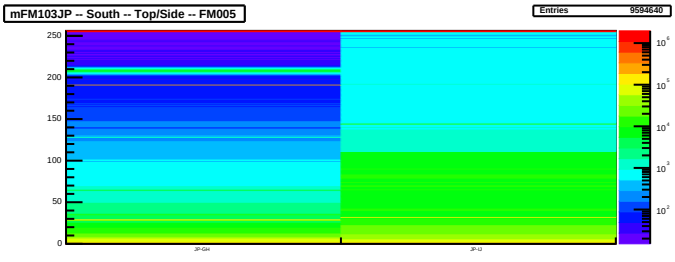
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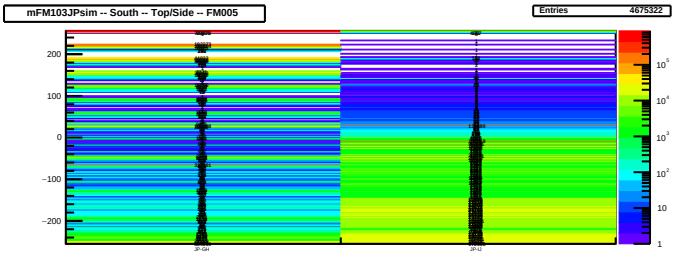
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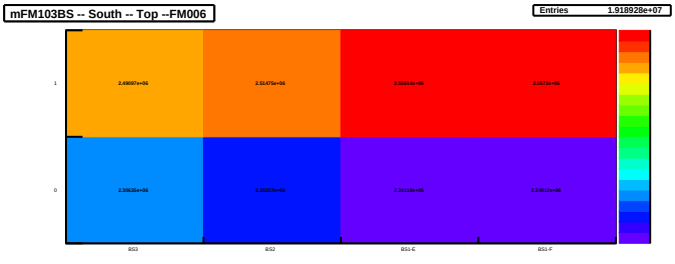
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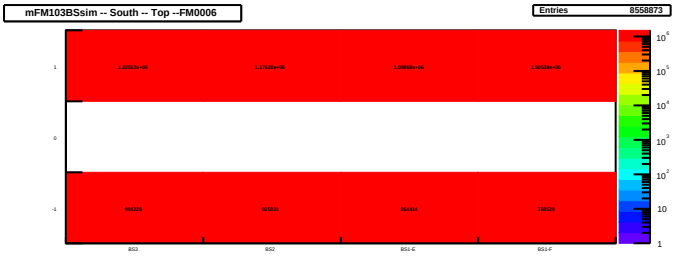
Entries 1.918928e+07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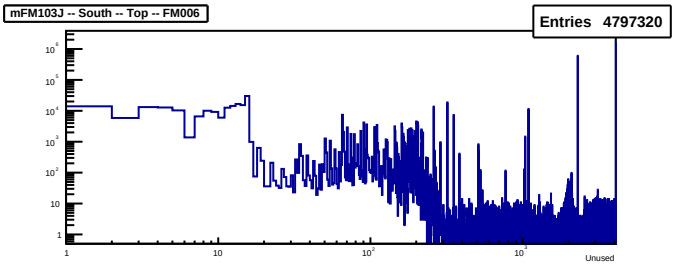
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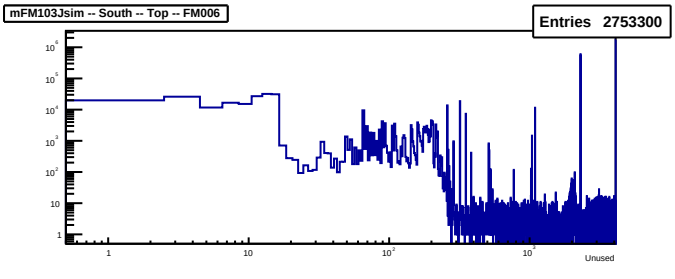
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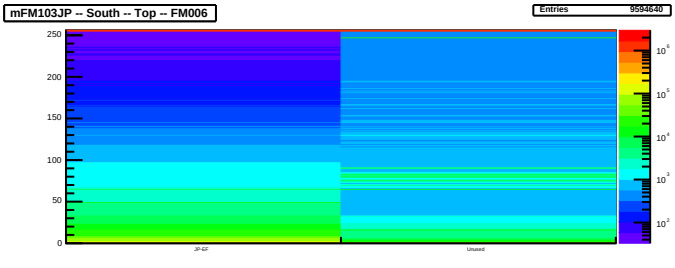
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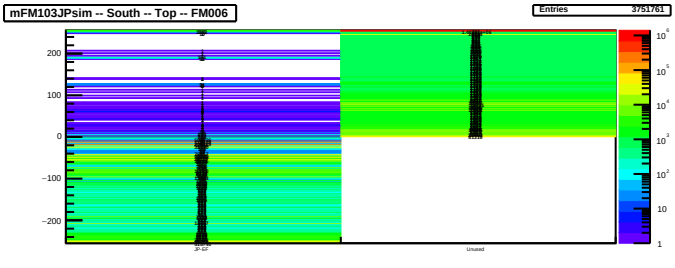
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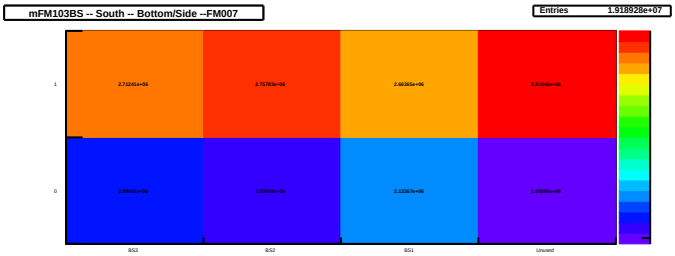
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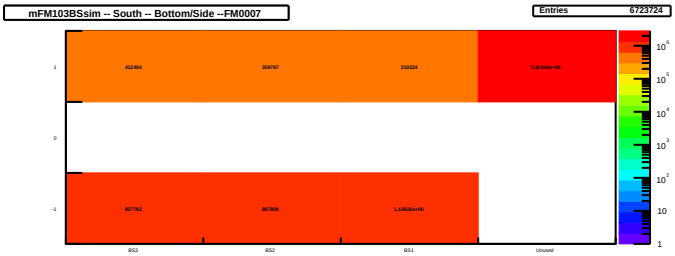
Entries 1.918928e+07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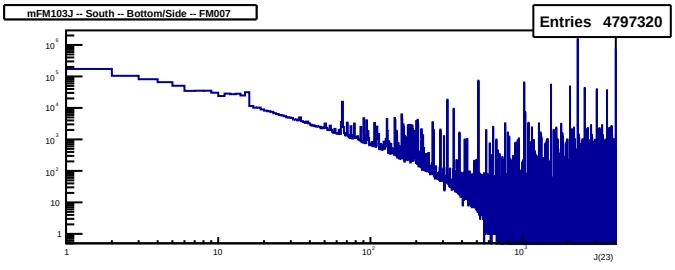
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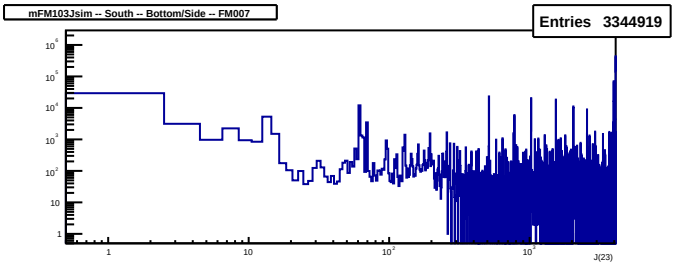
J(23)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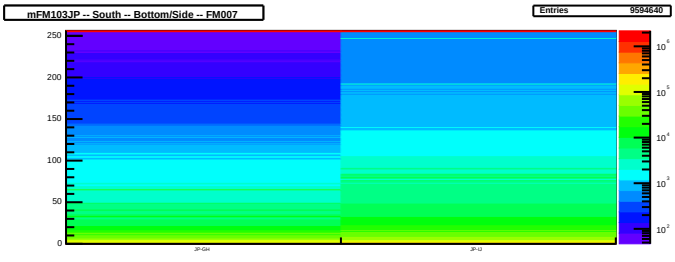
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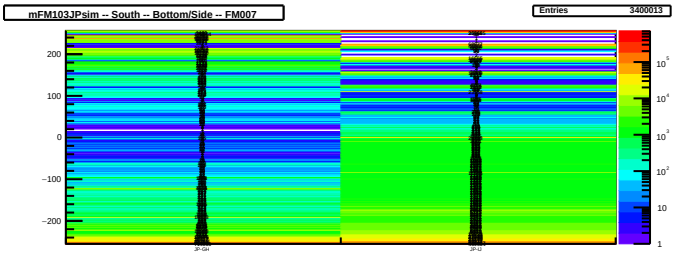
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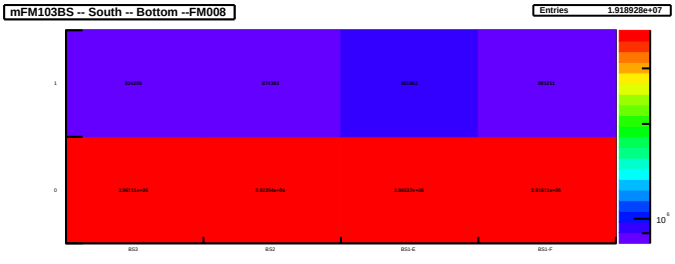
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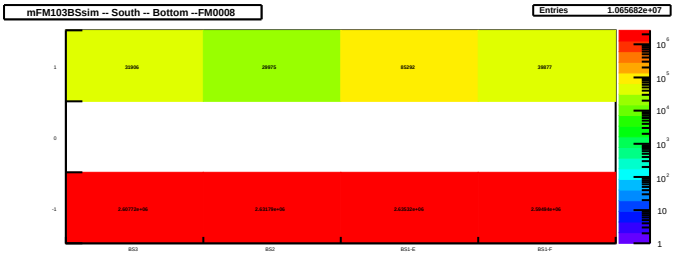
Entries 1.918928e+07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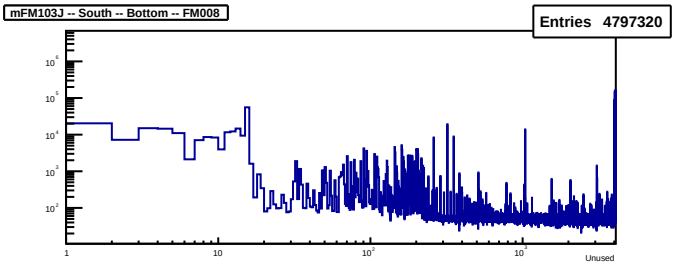
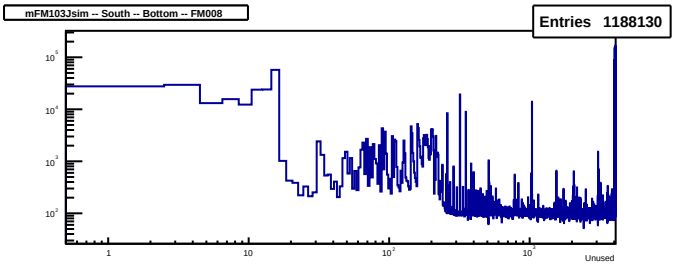
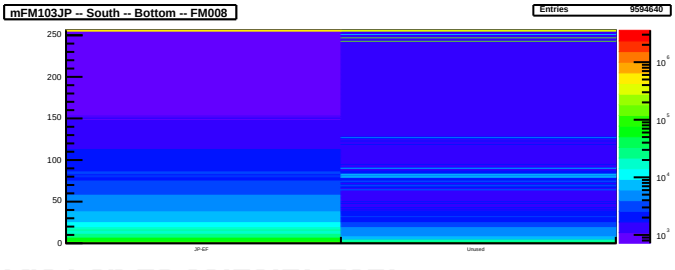
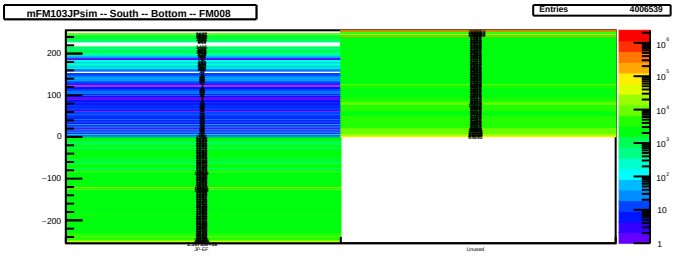
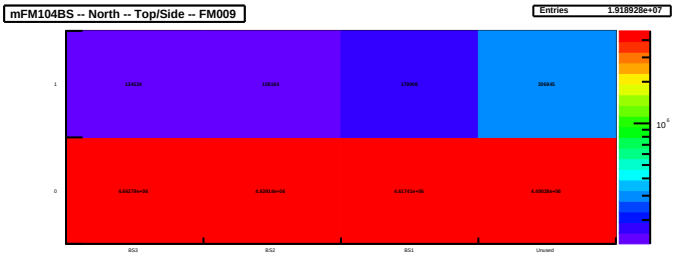
Entries 1.065682e+07

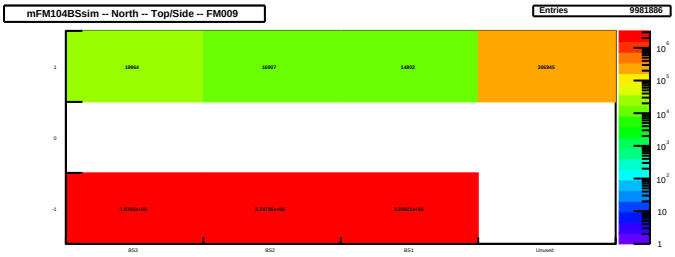

mFM103J -- South -- Bottom -- FM008
Entries 4797320
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 1188130
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 9594640


mFM103JPsim -- South -- Bottom -- FM008
Entries 4006539


mFM104BS -- North -- Top/Side -- FM009
Entries 1.918928e+07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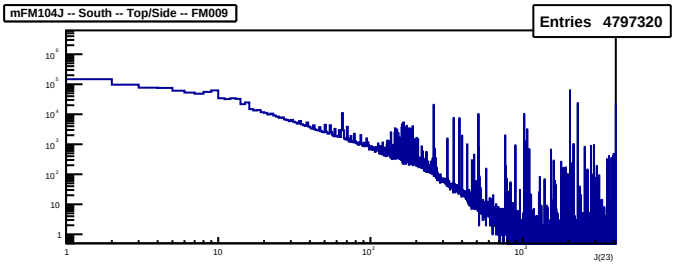
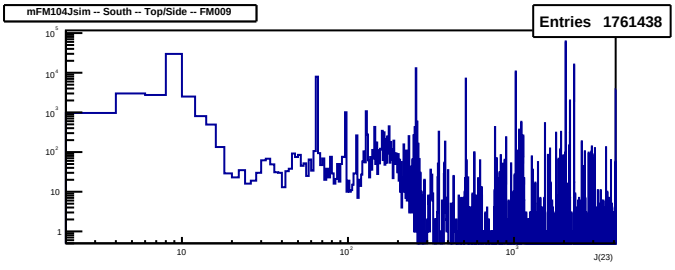
Entries 9981886


mFM104J -- South -- Top/Side -- FM009
Entries 4797320
J(23)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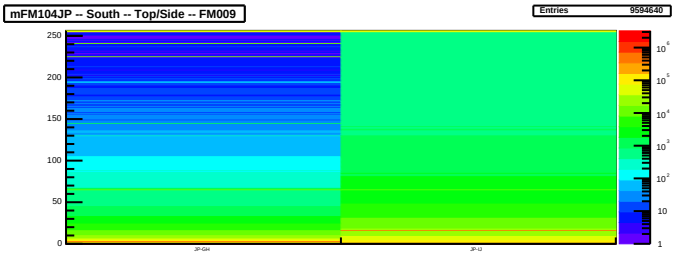
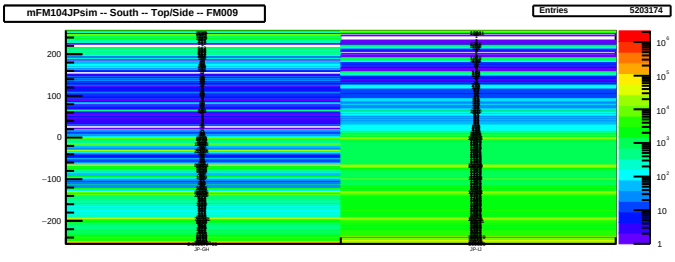
Entries 1761438
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9594640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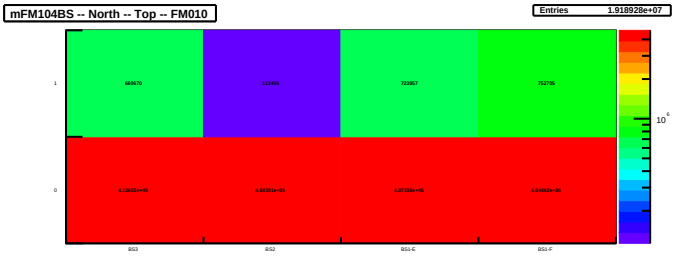
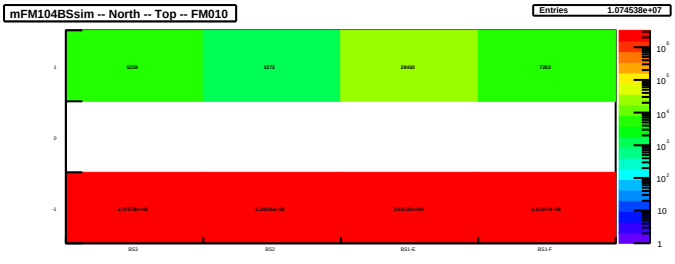
Entries 5203174


mFM104BS -- North -- Top -- FM010
Entries 1.918928e+07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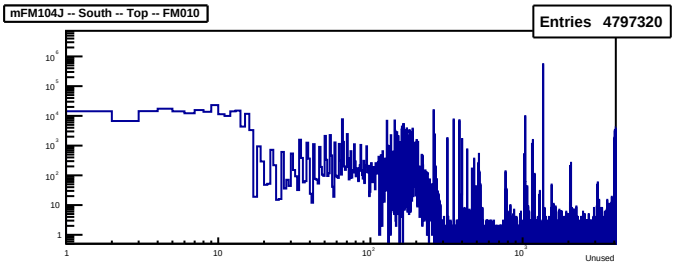
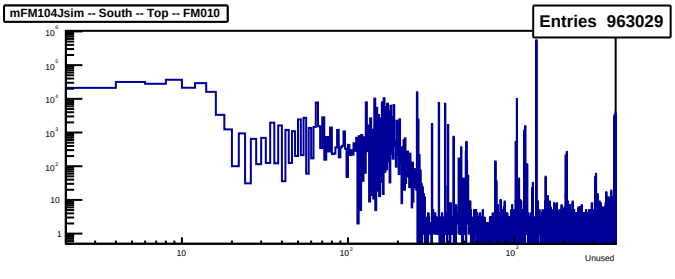
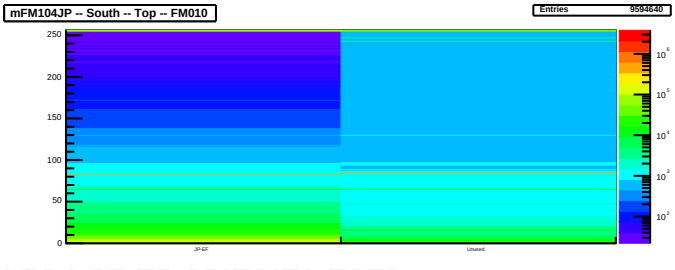
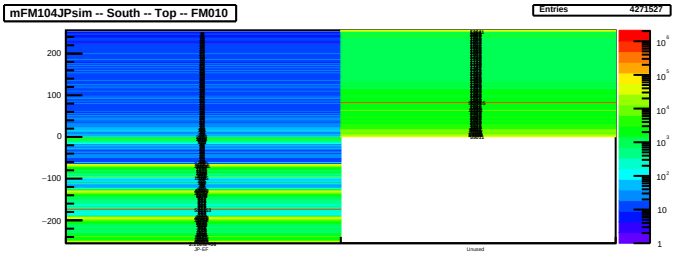
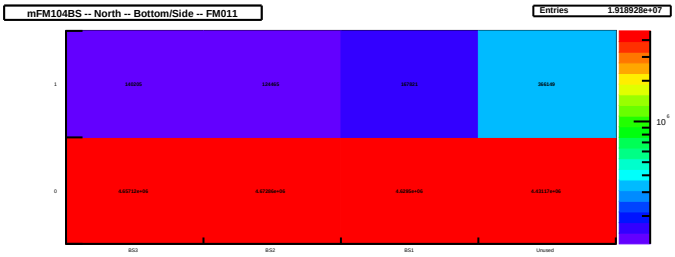
Entries 1.074538e+07

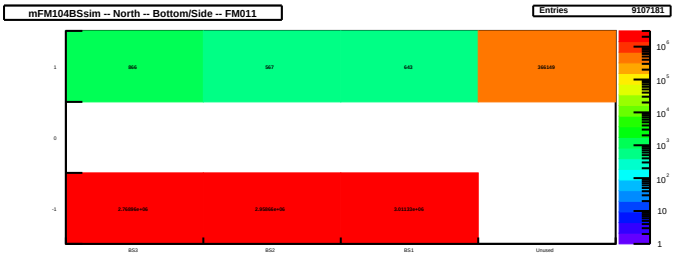

mFM104J -- South -- Top -- FM010
Entries 4797320
Unused

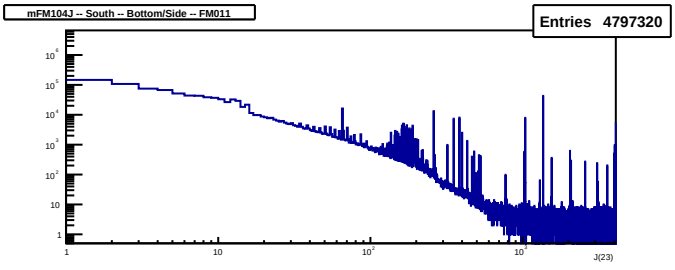

mFM104Jsim -- South -- Top -- FM010
Entries 963029
Unused

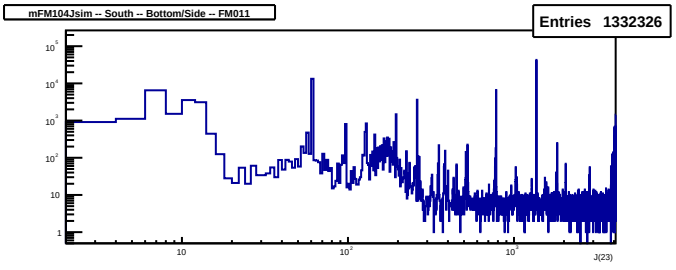

mFM104JP -- South -- Top -- FM010
Entries 9594640

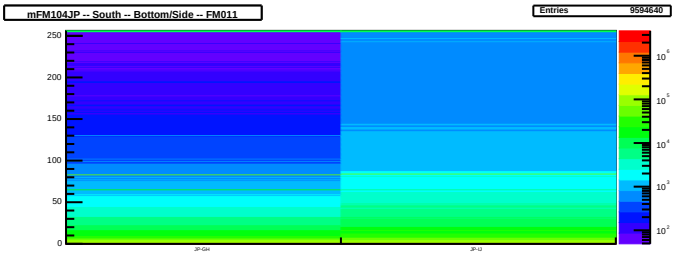

mFM104JPsim -- South -- Top -- FM010
Entries 4271527

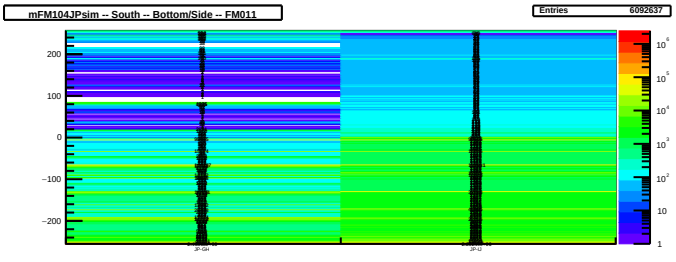

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.918928e+07

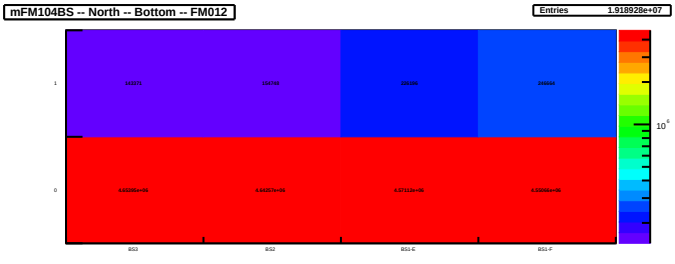

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 9107181

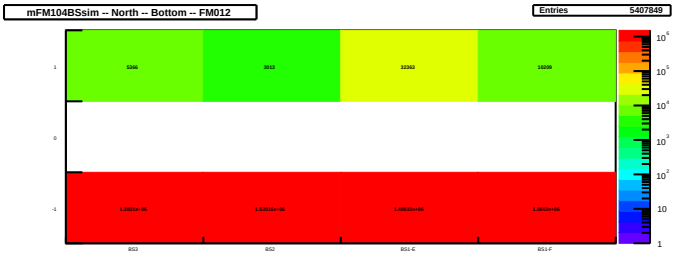

mFM104J -- South -- Bottom/Side -- FM011
Entries 4797320
J(23)

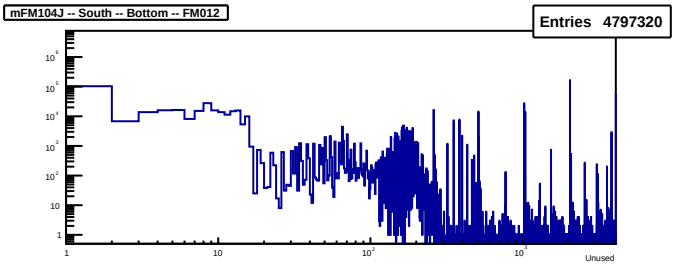

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1332326
J(23)

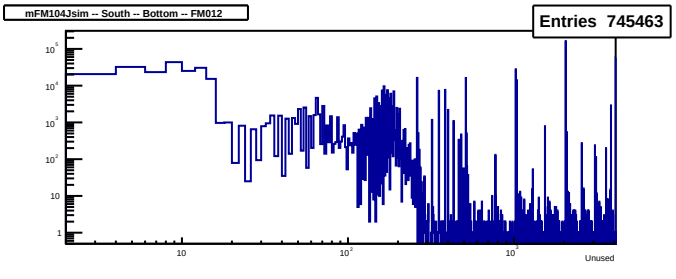

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9594640

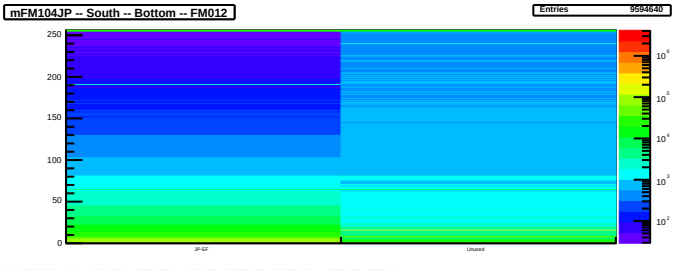

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 6092637

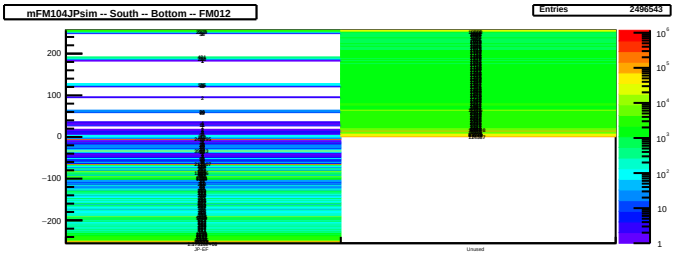

mFM104BS -- North -- Bottom -- FM012
Entries 1.918928e+07

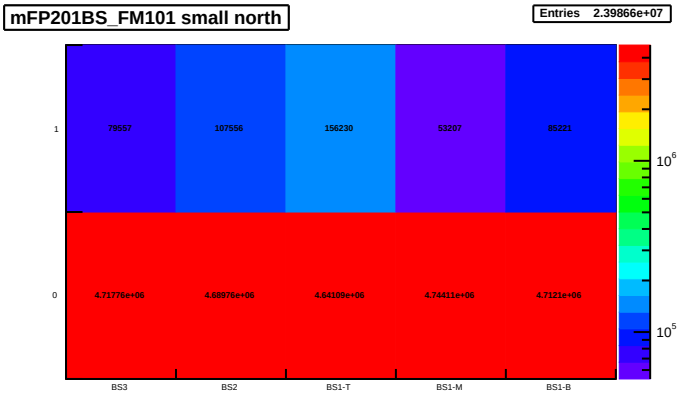

mFM104BSsim -- North -- Bottom -- FM012
Entries 5407849

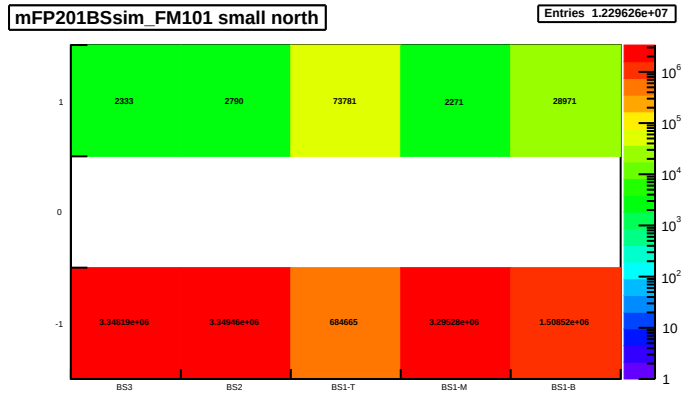

mFM104J -- South -- Bottom -- FM012
Entries 4797320
Unused

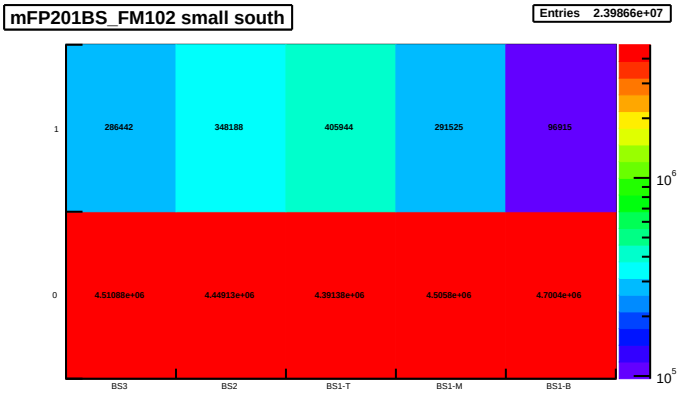

mFM104Jsim -- South -- Bottom -- FM012
Entries 745463
Unused

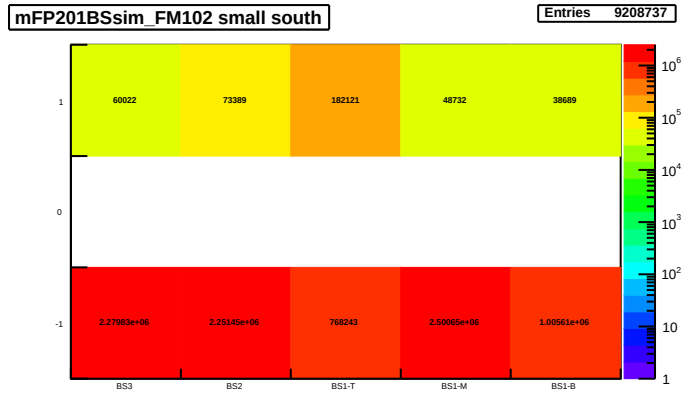

mFM104JP -- South -- Bottom -- FM012
Entries 9594640

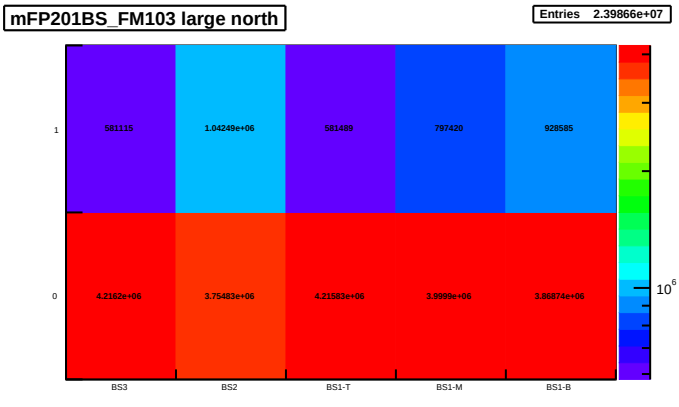

mFM104JPsim -- South -- Bottom -- FM012
Entries 2496543

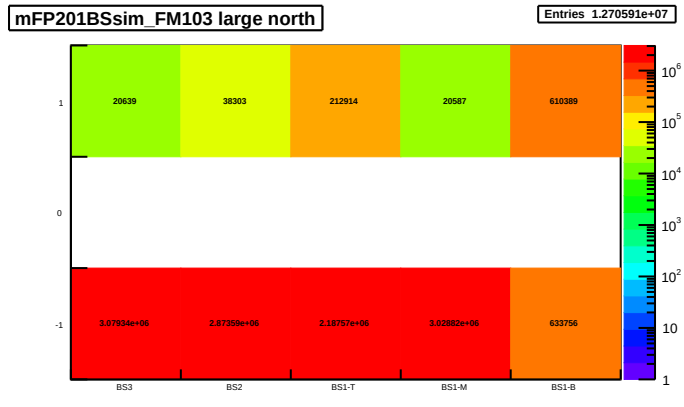

mFP201BS_FM101 small north
Entries 2.39866e+07
1
0
79557
107556
156230
53207
85221
4.71776e+06
4.68976e+06
4.64109e+06
4.74411e+06
4.7121e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

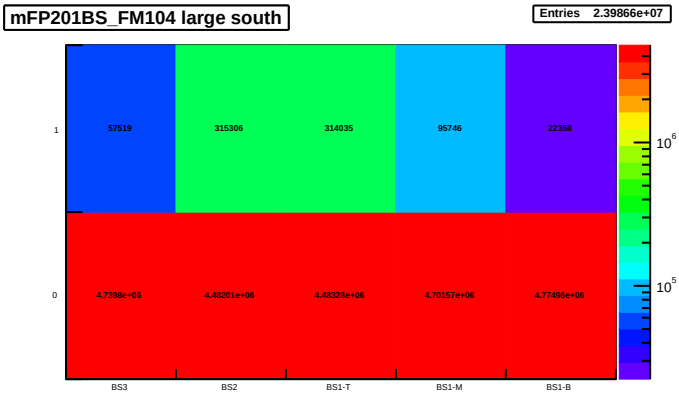

mFP201BSsim_FM101 small north
Entries 1.229626e+07
1
0
-1
2333
2790
73781
2271
28971
3.34819e+06
3.34946e+06
684665
3.29528e+06
1.50852e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

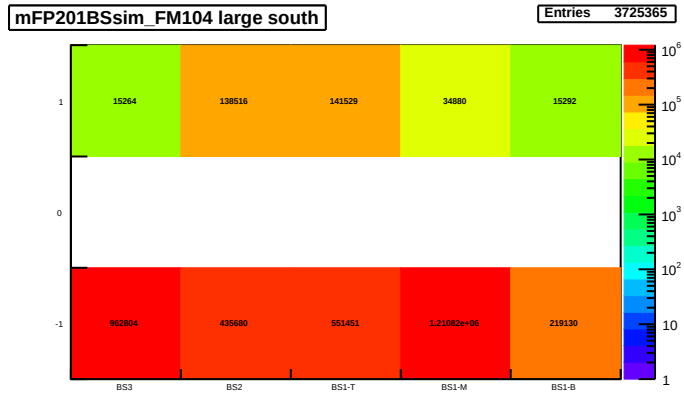

mFP201BS_FM102 small south
Entries 2.39866e+07
1
0
286442
348188
405944
291525
96915
4.51088e+06
4.44913e+06
4.39138e+06
4.5058e+06
4.7004e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

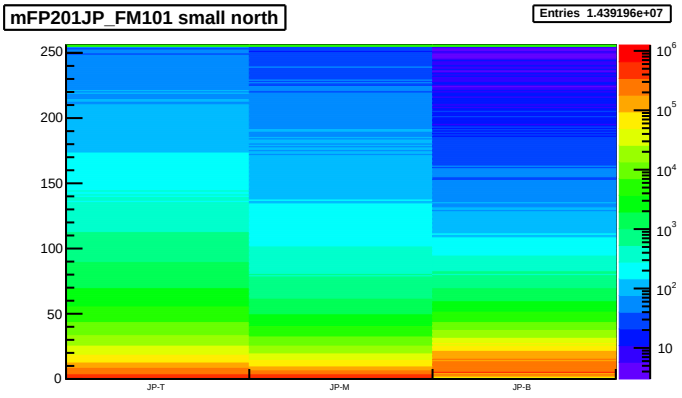

mFP201BSsim_FM102 small south
Entries 9208737
1
0
-1
60022
73389
182121
48732
38689
2.27983e+06
2.25145e+06
768243
2.50065e+06
1.00561e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

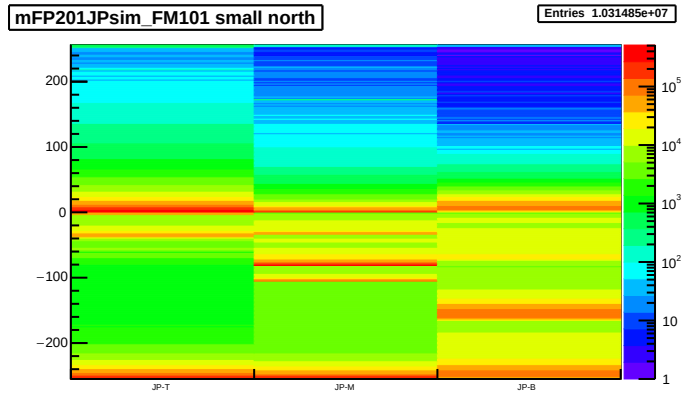

mFP201BS_FM103 large north
Entries 2.39866e+07
1
0
581115
1.04249e+06
581489
797420
928585
4.2162e+06
3.75483e+06
4.21583e+06
3.9999e+06
3.86874e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

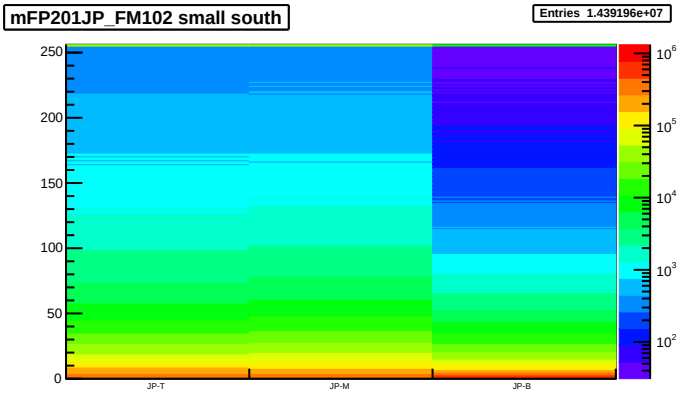

mFP201BSsim_FM103 large north
Entries 1.270591e+07
1
0
-1
20639
38303
212914
20587
610389
3.07934e+06
2.87359e+06
2.18757e+06
3.02882e+06
633756
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

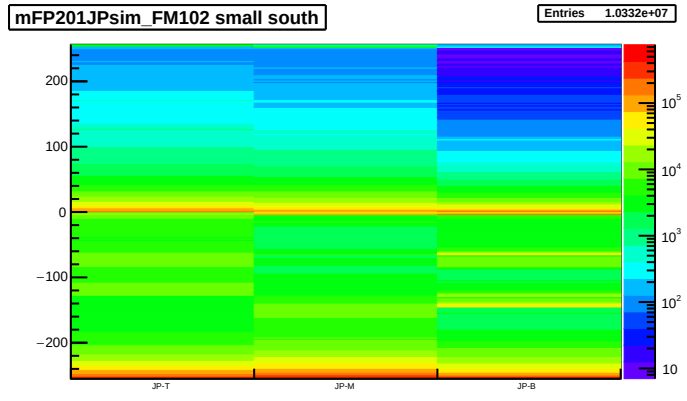

mFP201BS_FM104 large south
Entries 2.39866e+07
1
0
57519
315306
314035
95746
22358
4.7398e+06
4.48201e+06
4.48328e+06
4.70157e+06
4.77496e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

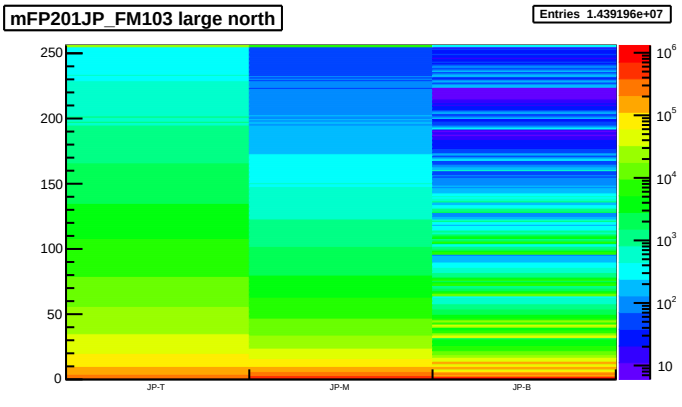

mFP201BSsim_FM104 large south
Entries 3725365
1
0
-1
15264
138516
141529
34880
15292
962804
435680
551451
1.21082e+06
219130
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

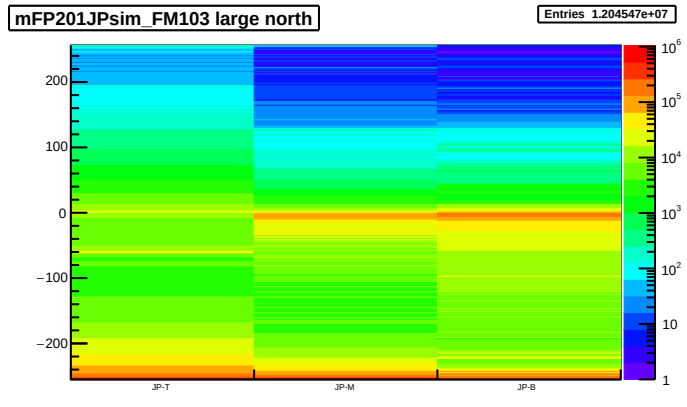

mFP201JP_FM101 small north
Entries 1.439196e+07
JP-T
JP-M
JP-B

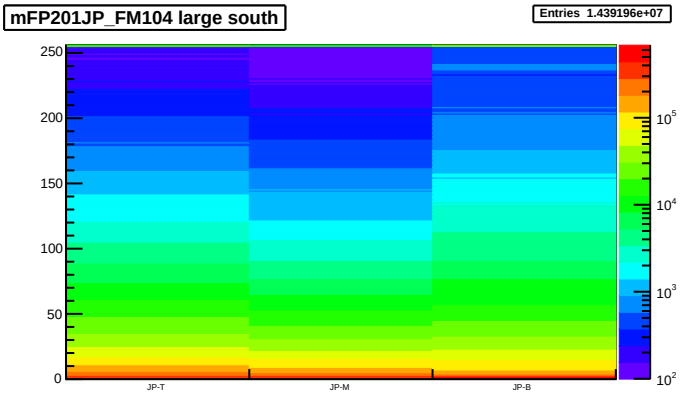

mFP201JPsim_FM101 small north
Entries 1.031485e+07
JP-T
JP-M
JP-B

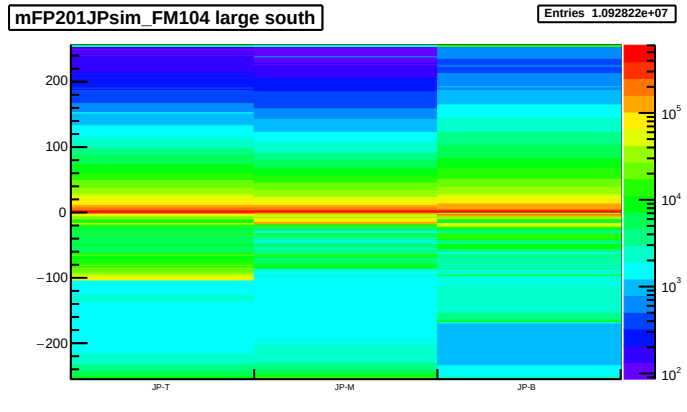

mFP201JP_FM102 small south
Entries 1.439196e+07
JP-T
JP-M
JP-B

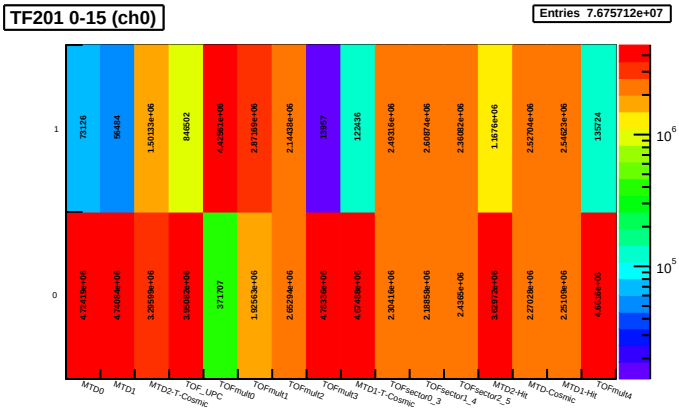

mFP201JPsim_FM102 small south
Entries 1.0332e+07
JP-T
JP-M
JP-B

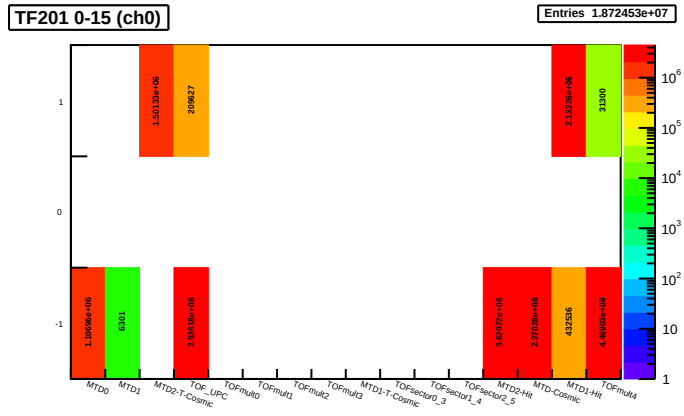

mFP201JP_FM103 large north
Entries 1.439196e+07
JP-T
JP-M
JP-B

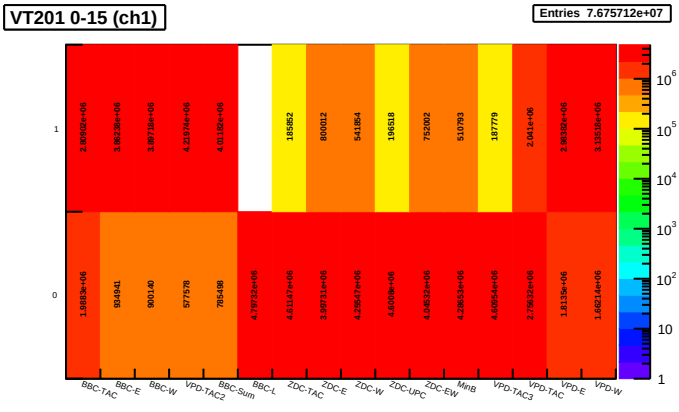

mFP201JPsim_FM103 large north
Entries 1.204547e+07
JP-T
JP-M
JP-B

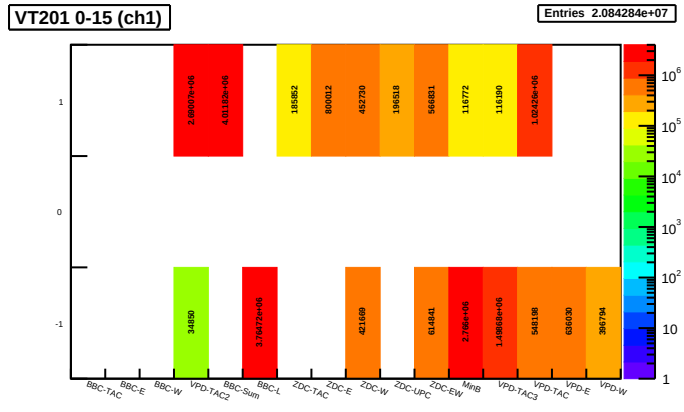

mFP201JP_FM104 large south
Entries 1.439196e+07
JP-T
JP-M
JP-B

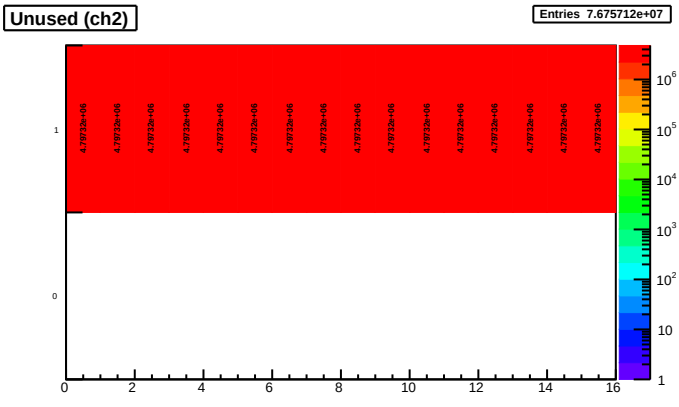

mFP201JPsim_FM104 large south
Entries 1.092822e+07
JP-T
JP-M
JP-B

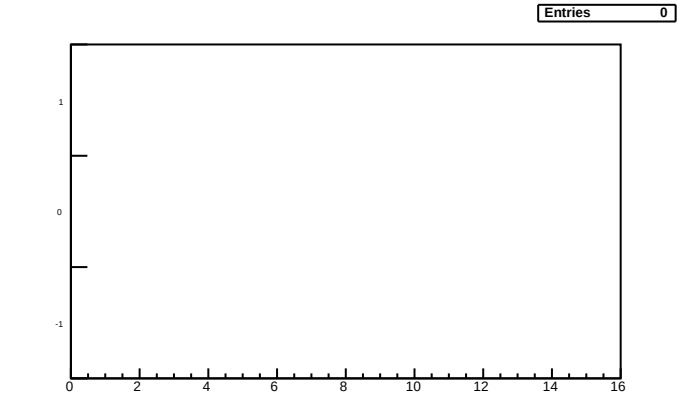

TF201 0-15 (ch0)
Entries 7.675712e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

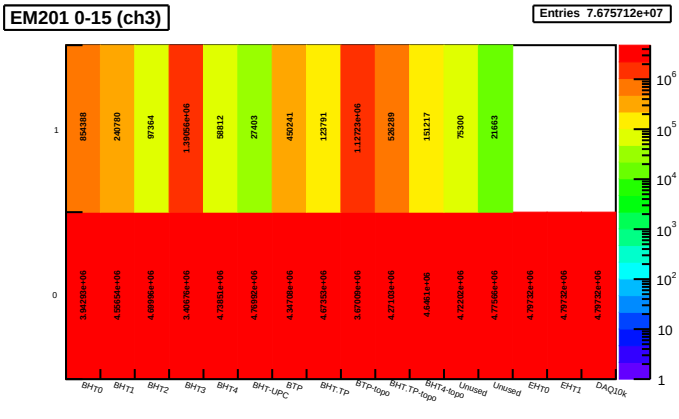

TF201 0-15 (ch0)
Entries 1.872453e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

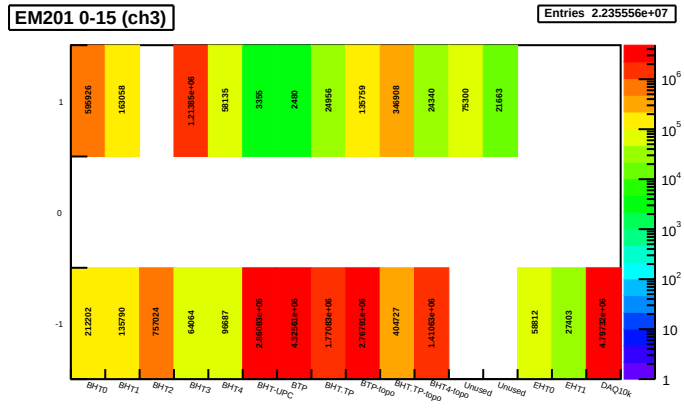

VT201 0-15 (ch1)
Entries 7.675712e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

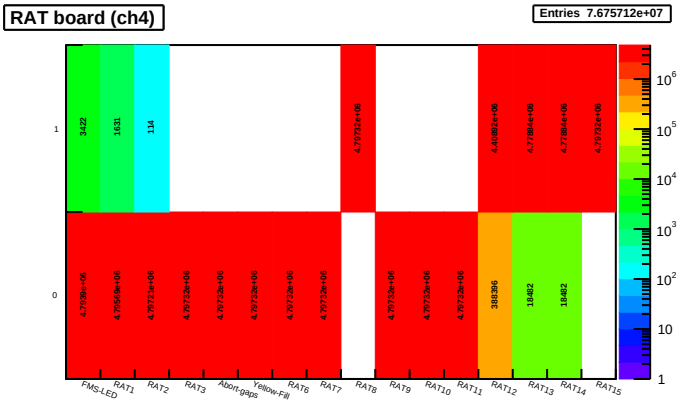

VT201 0-15 (ch1)
Entries 2.084284e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

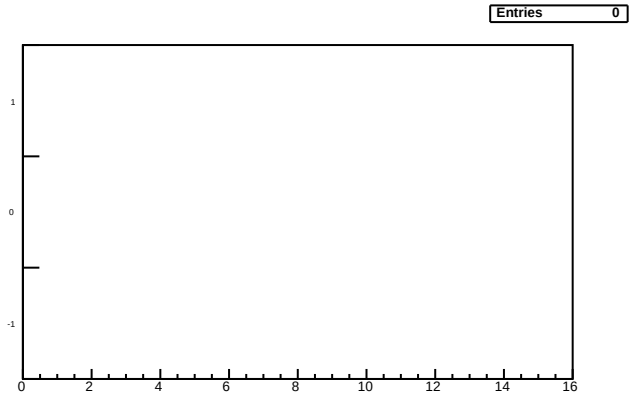

Unused (ch2)
Entries 7.675712e+07

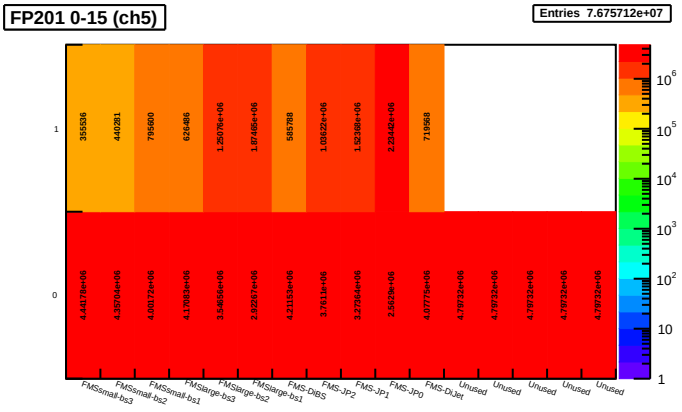

Entries 0

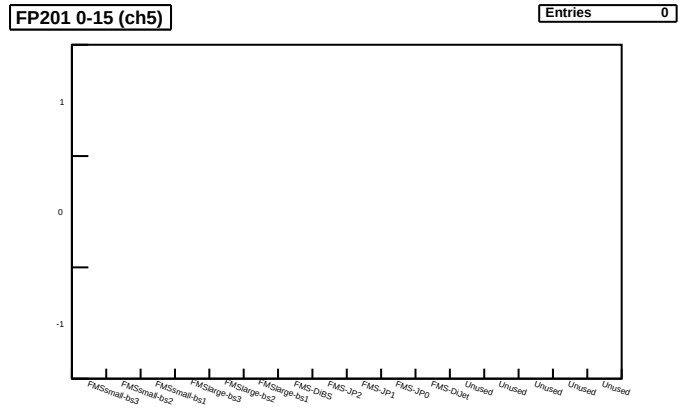

EM201 0-15 (ch3)
Entries 7.675712e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

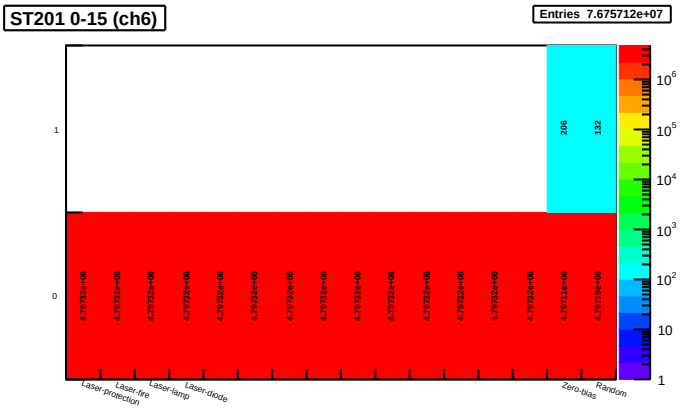

EM201 0-15 (ch3)
Entries 2.235556e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

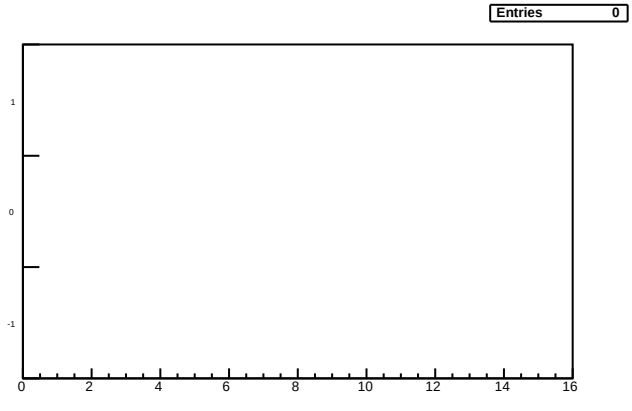

RAT board (ch4)
Entries 7.675712e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

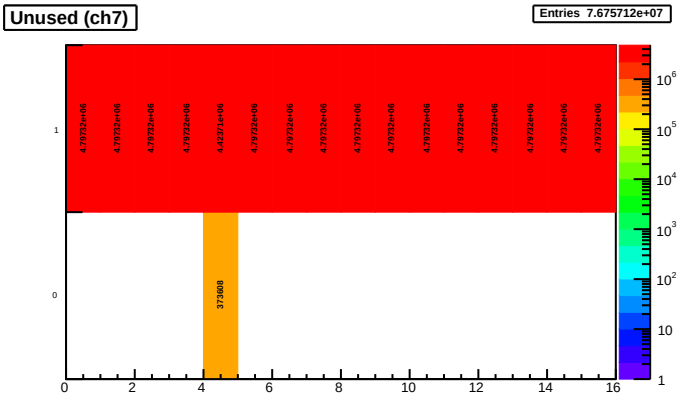

Entries 0

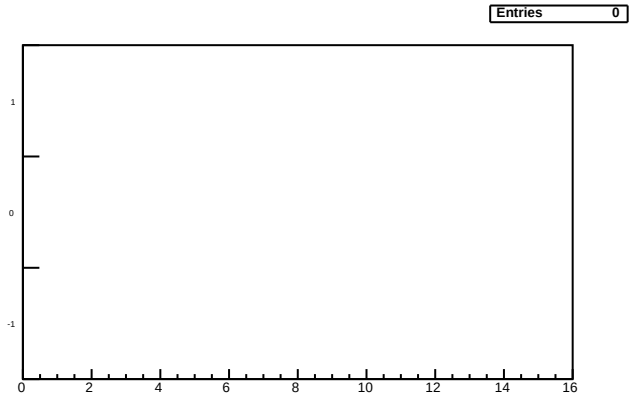

FP201 0-15 (ch5)
Entries 7.675712e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 7.675712e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 7.675712e+07


Entries 0