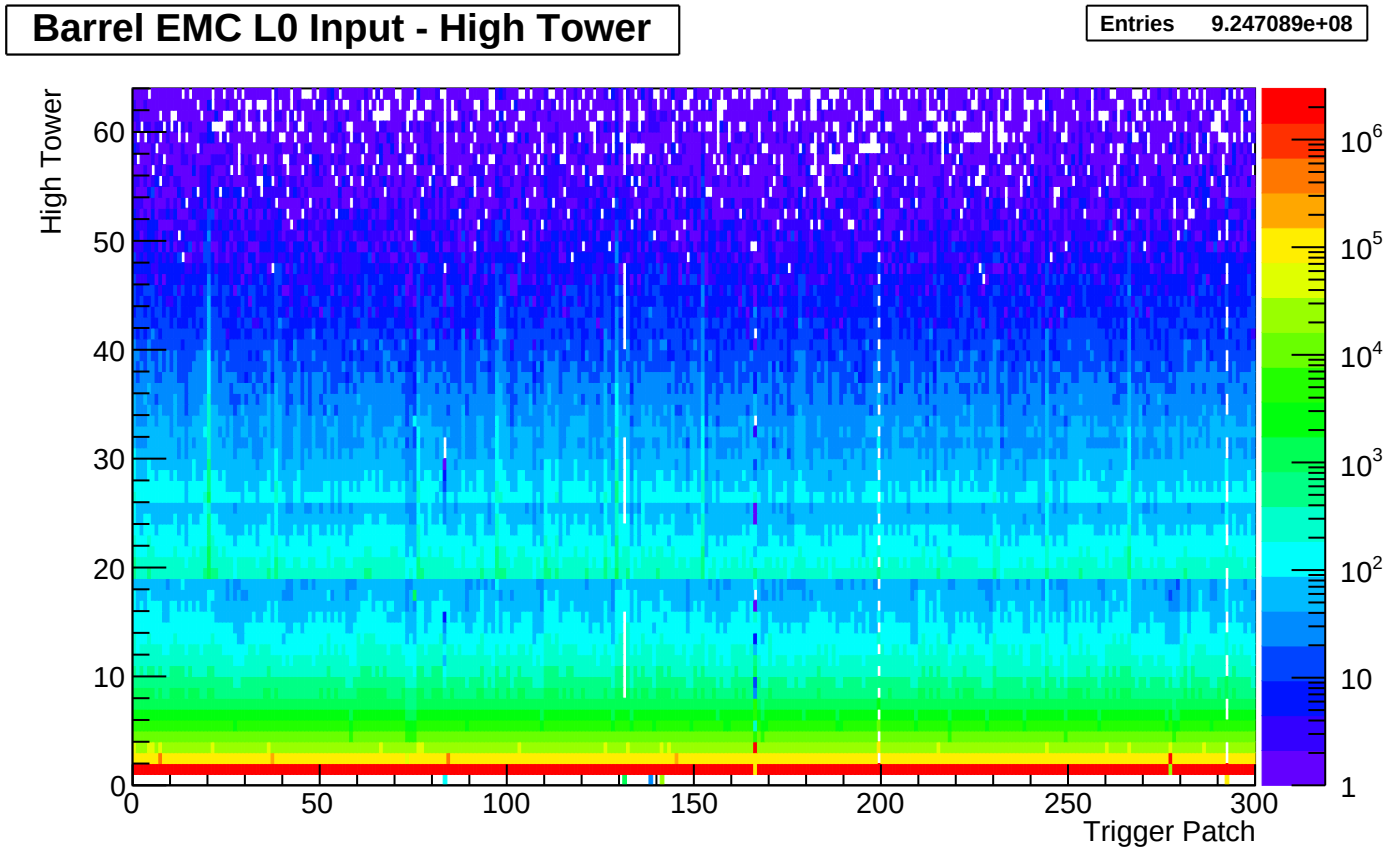
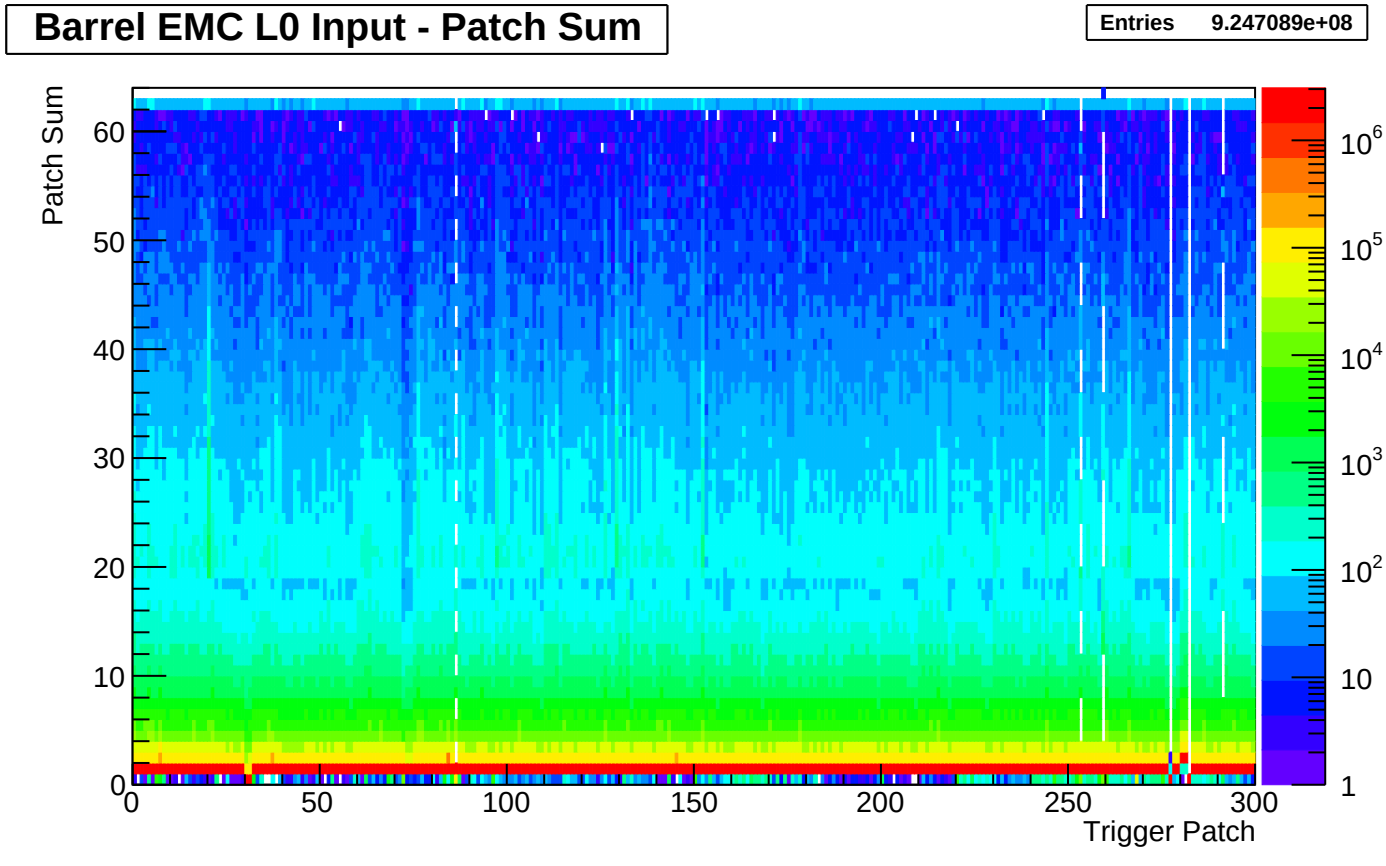
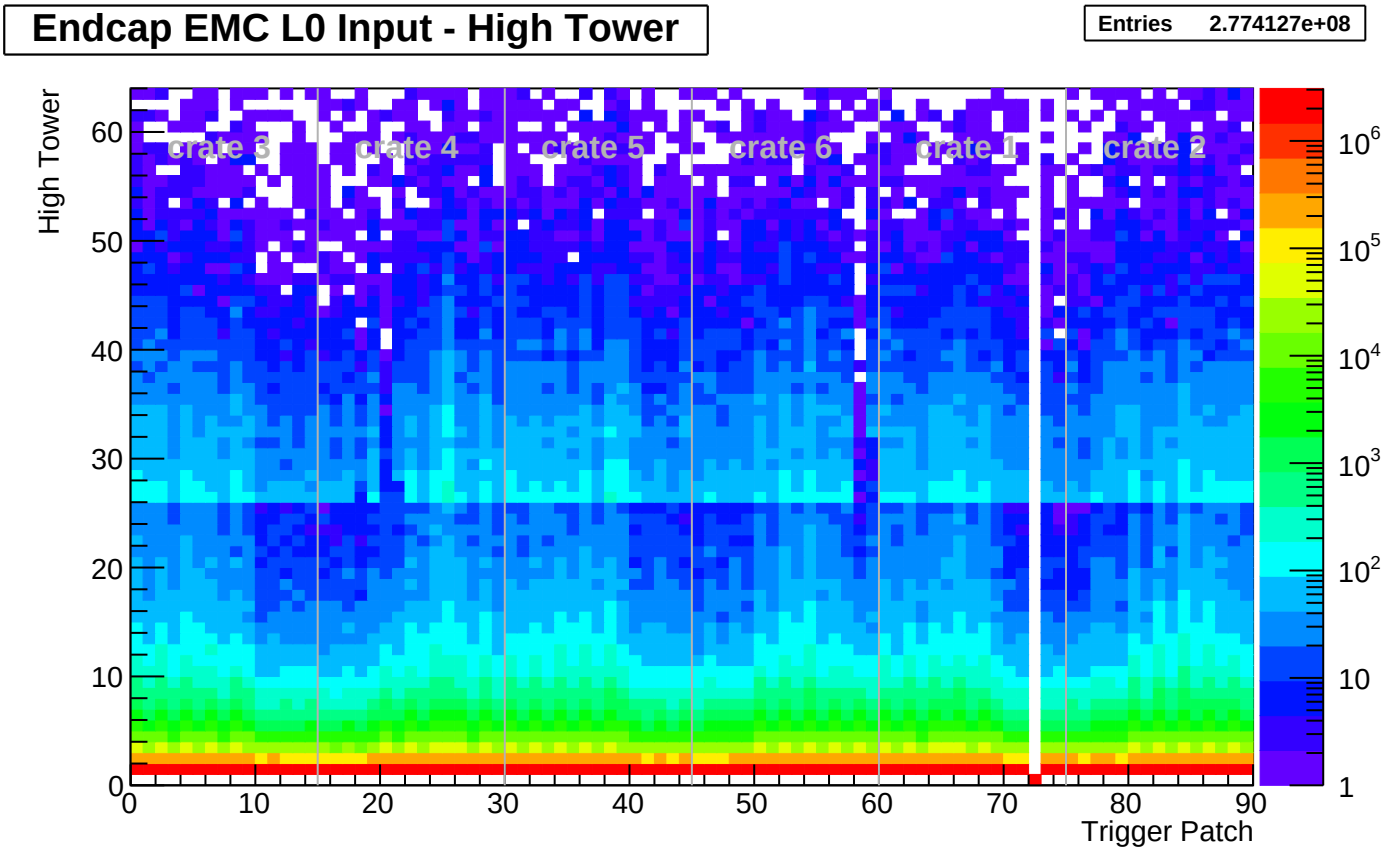
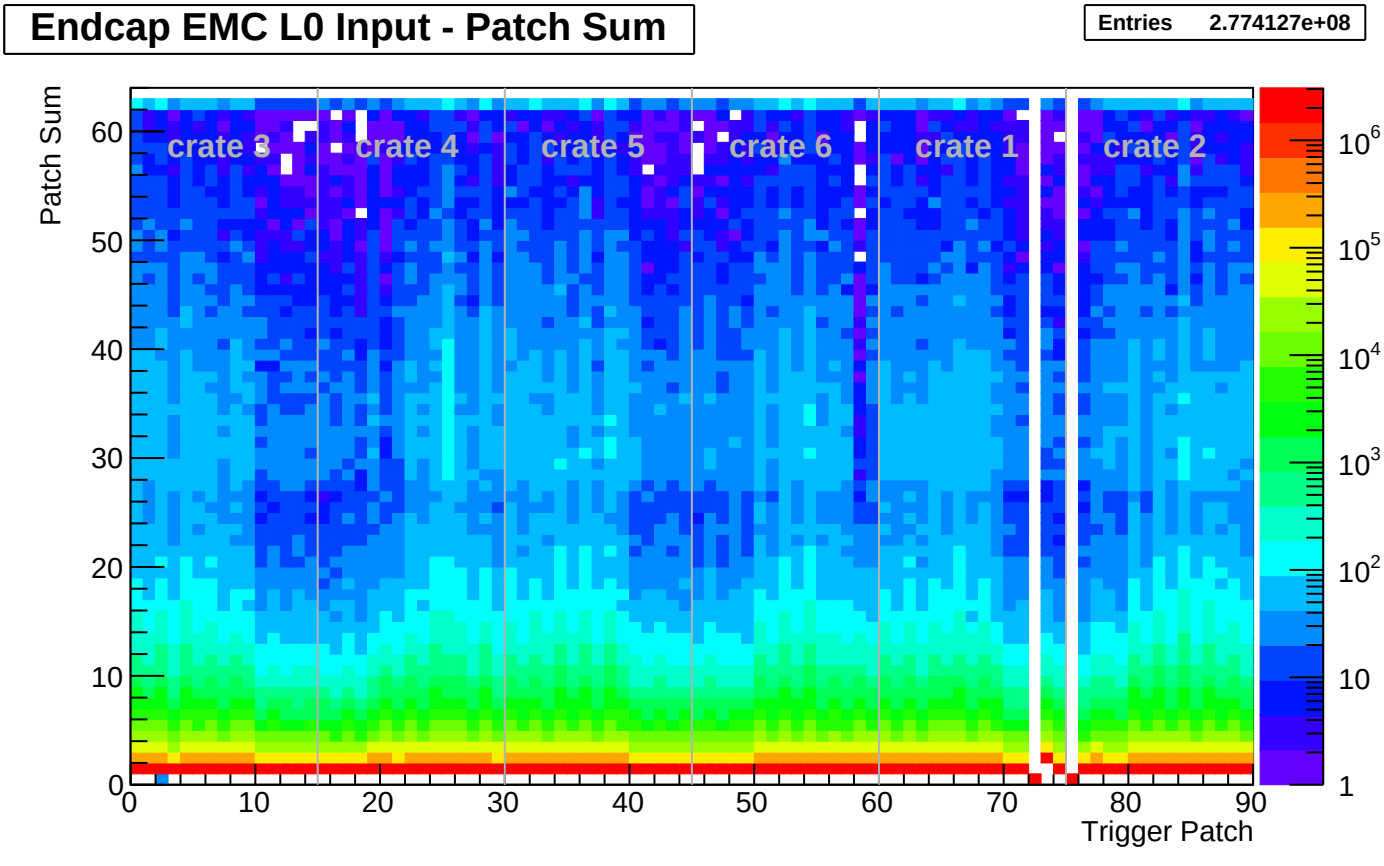
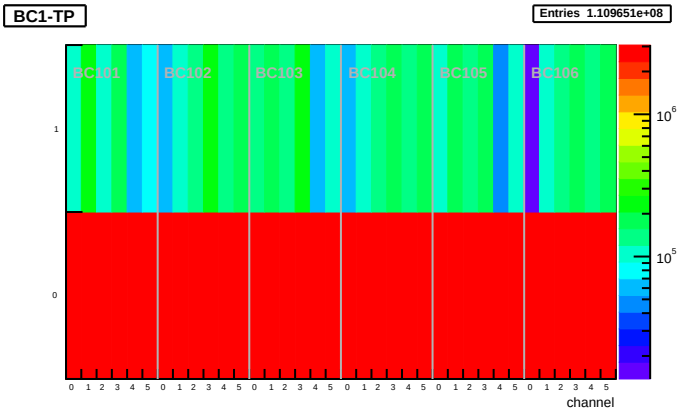
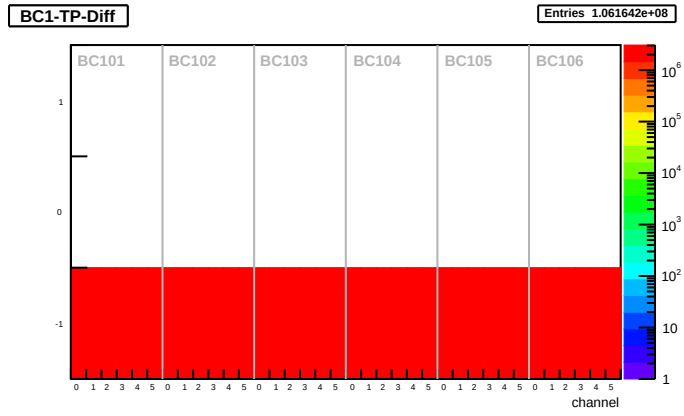

Barrel EMC L0 Input - High Tower
Entries 9.247089e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

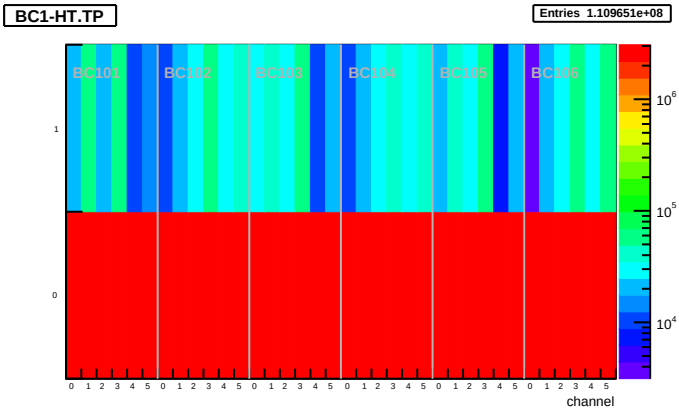

Barrel EMC L0 Input - Patch Sum
Entries 9.247089e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

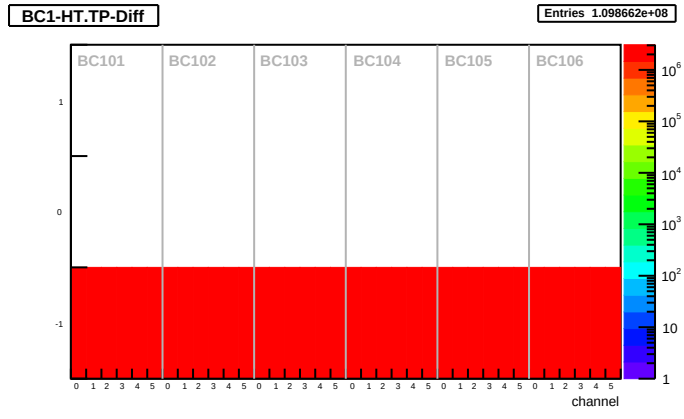

Endcap EMC L0 Input - High Tower
Entries 2.774127e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

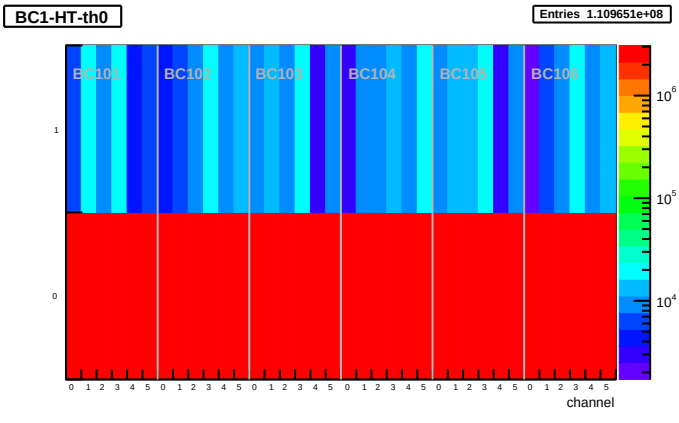

Endcap EMC L0 Input - Patch Sum
Entries 2.774127e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

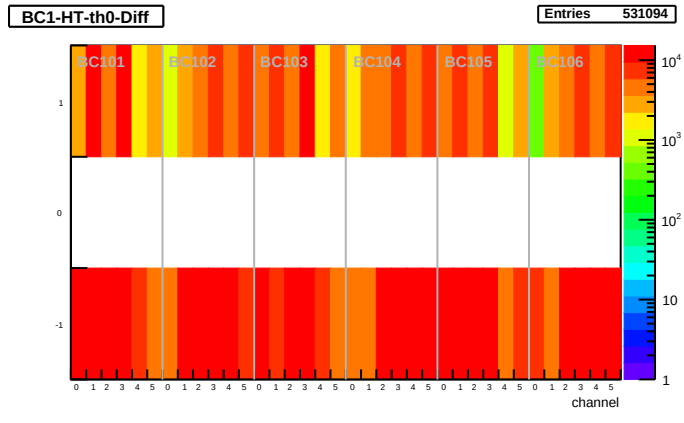

BC1-TP
Entries 1.109651e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

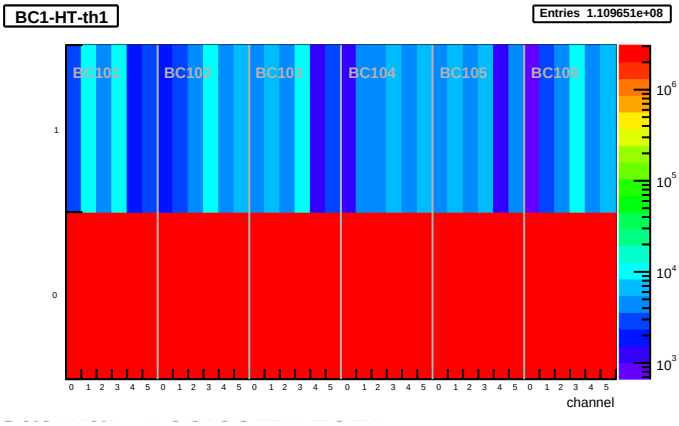

BC1-TP-Diff
Entries 1.061642e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

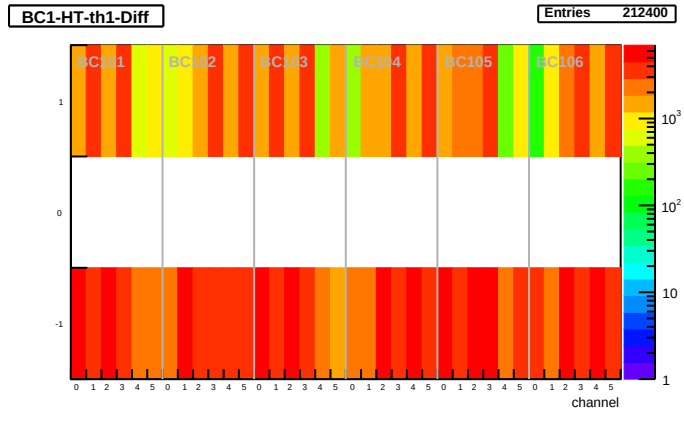

BC1-HT.TP
Entries 1.109651e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT.TP-Diff
Entries 1.098662e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th0
Entries 1.109651e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

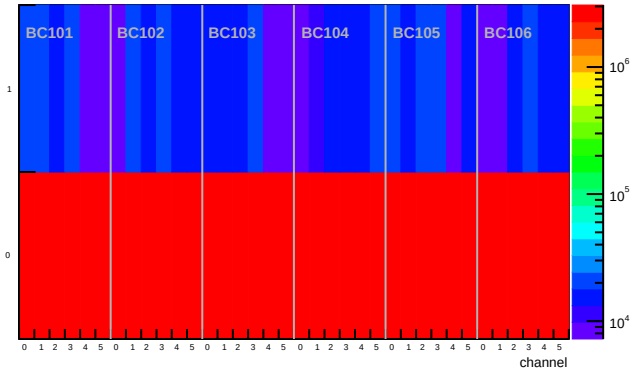

BC1-HT-th0-Diff
Entries 531094
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1
Entries 1.109651e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1-Diff
Entries 212400
BC101
BC102
BC103
BC104
BC105
BC106
channel

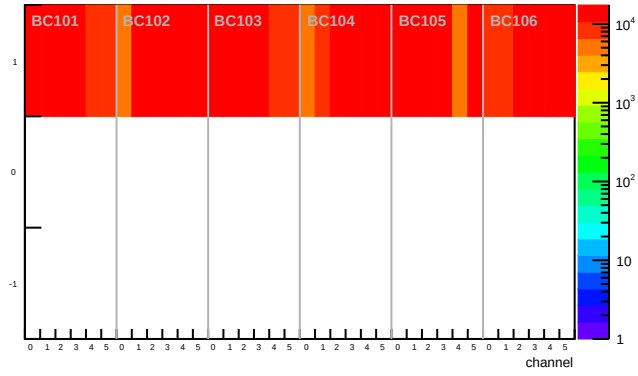
BC1-HT-th2

Entries 1.109651e+08



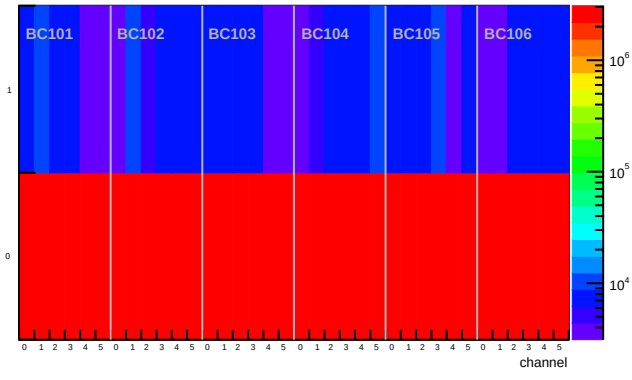
BC1-HT-th2-Diff

Entries 437802



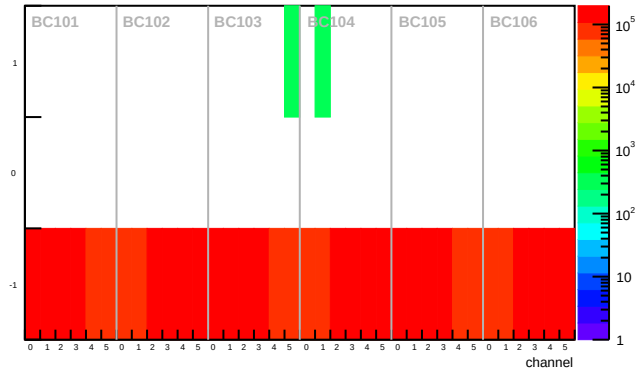
BC1-HT-th3

Entries 1.109651e+08



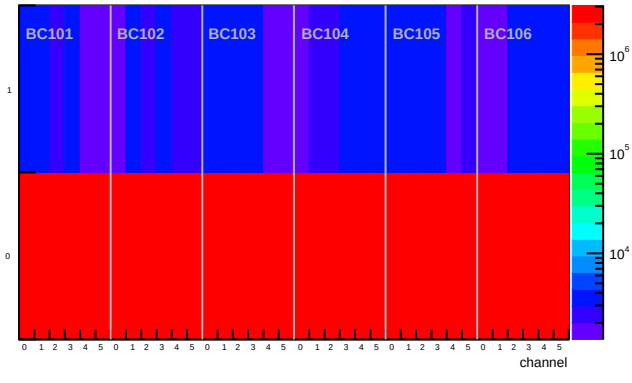
BC1-HT-th3-Diff

Entries 5426778



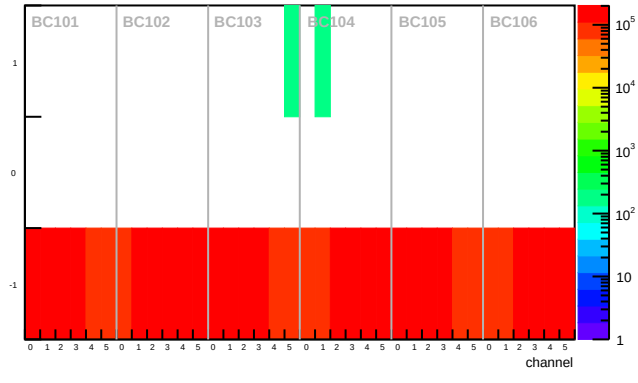
BC1-HT-th4

Entries 1.109651e+08



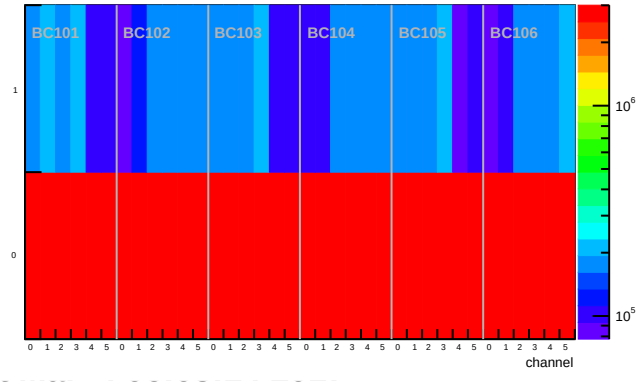
BC1-HT-th4-Diff

Entries 5558792



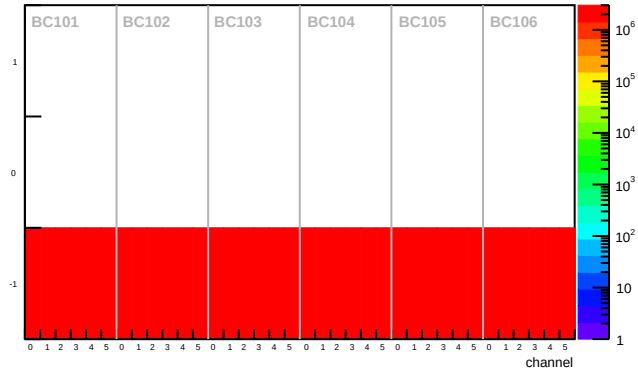
BC1-HT-UPC

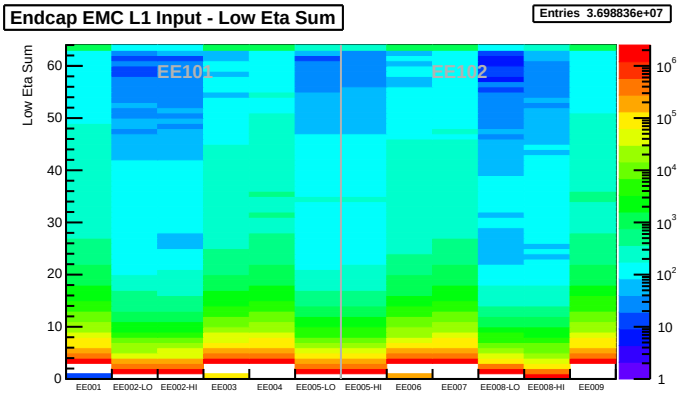
Entries 1.109651e+08

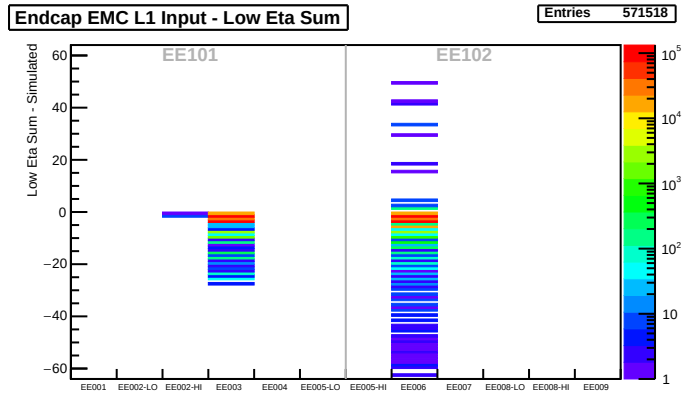


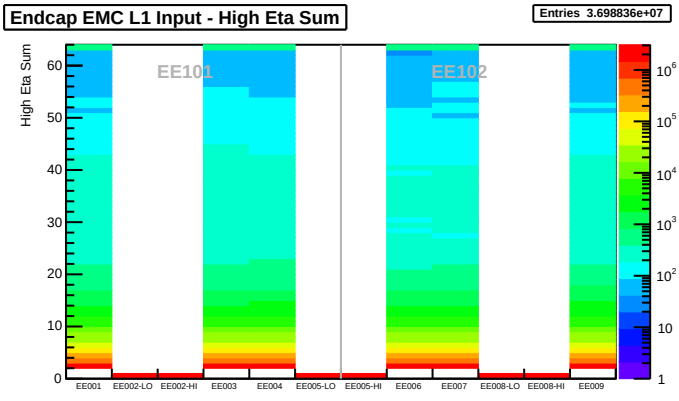
BC1-HT-UPC-Diff

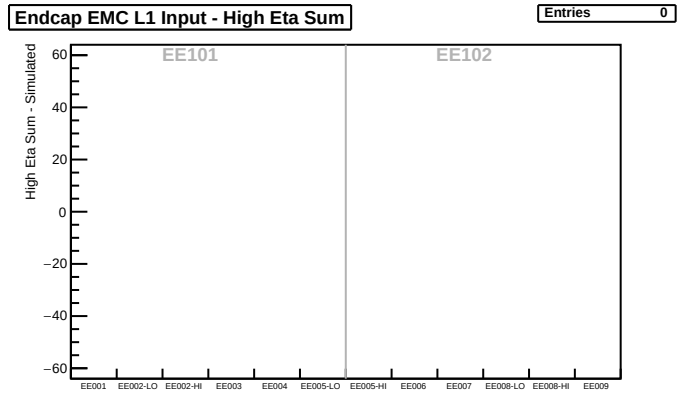
Entries 1.053483e+08

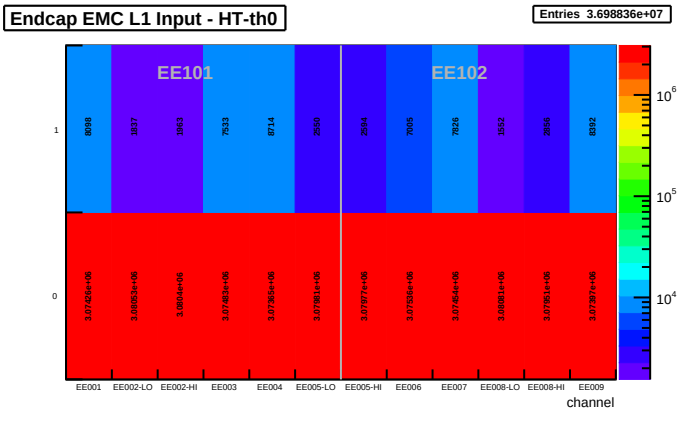


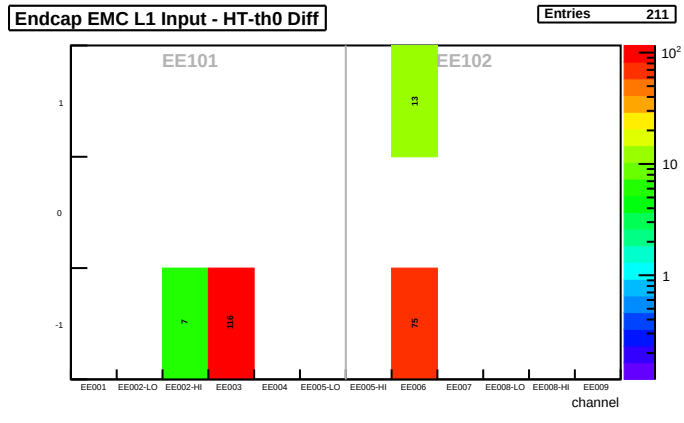

Endcap EMC L1 Input - Low Eta Sum
Entries 3.698836e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

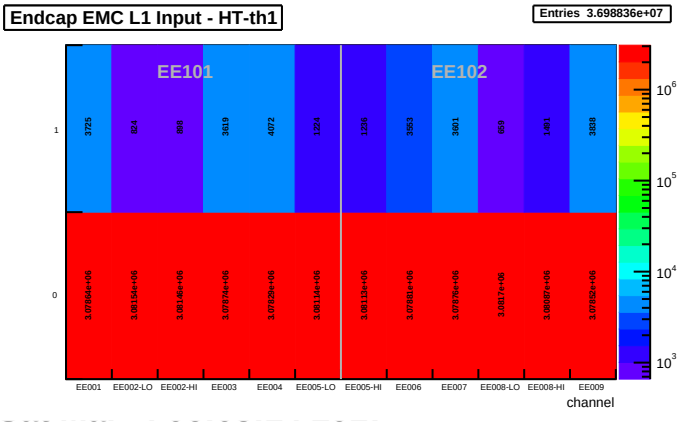

Endcap EMC L1 Input - Low Eta Sum
Entries 571518
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

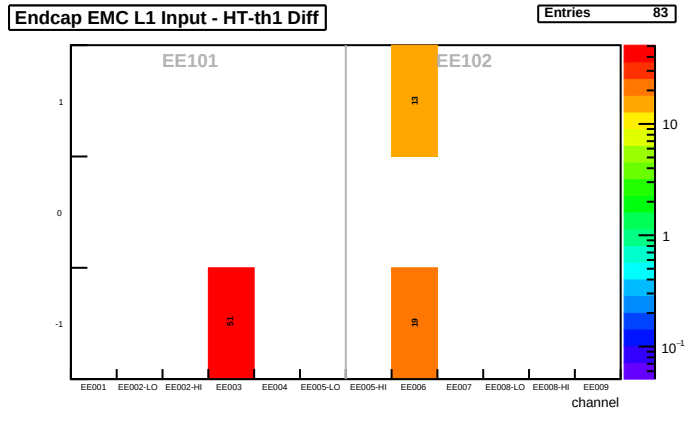

Endcap EMC L1 Input - High Eta Sum
Entries 3.698836e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

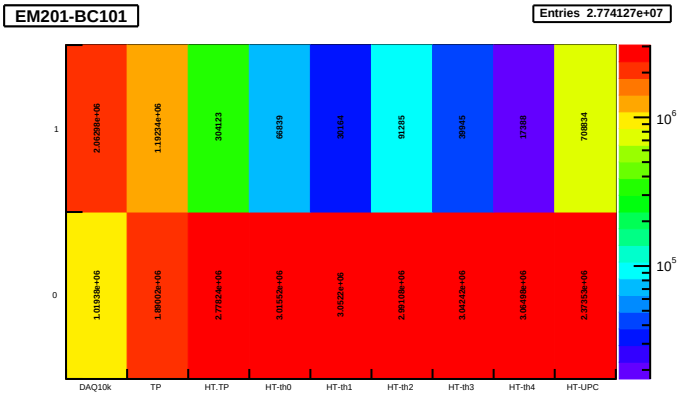

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

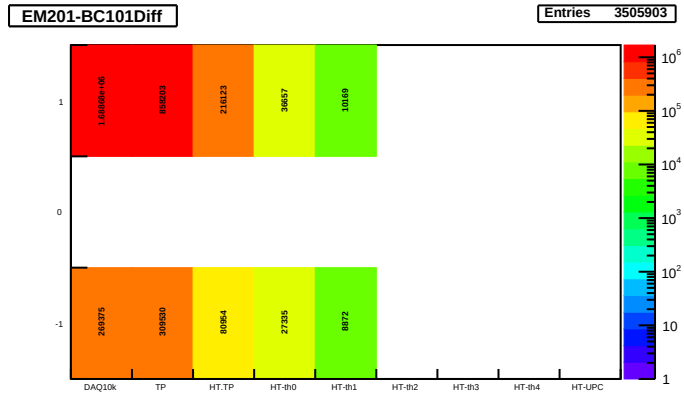

Endcap EMC L1 Input - HT-th0
Entries 3.698836e+07
EE101
EE102
8098 1837 1653 7533 8714 2550 2594 7095 7826 1552 2556 8392
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

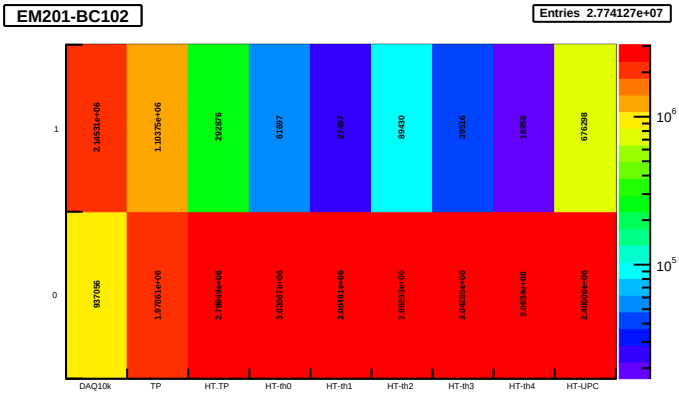

Endcap EMC L1 Input - HT-th0 Diff
Entries 211
EE101
EE102
13
7 116 75
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

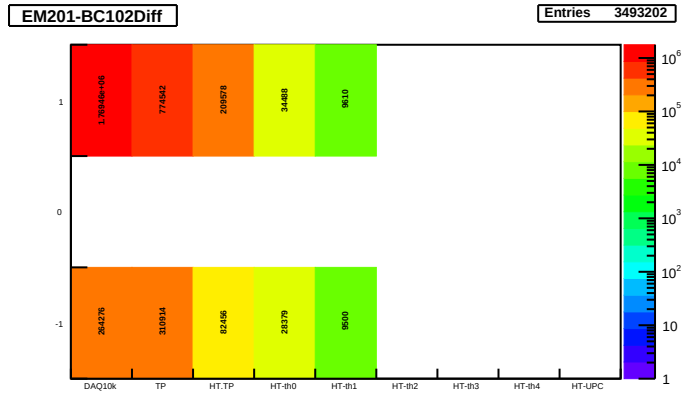

Endcap EMC L1 Input - HT-th1
Entries 3.698836e+07
EE101
EE102
3725 824 893 3619 4072 1224 1226 3553 3601 659 1491 3838
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

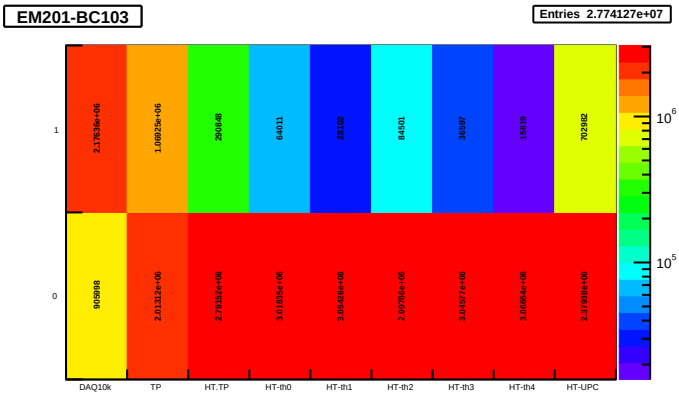

Endcap EMC L1 Input - HT-th1 Diff
Entries 83
EE101
EE102
13
51 19
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

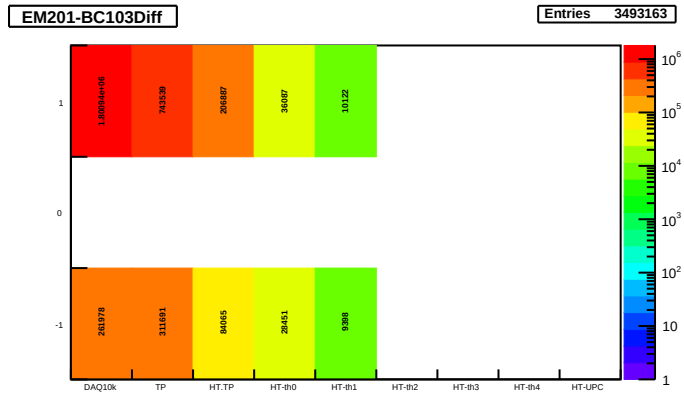

EM201-BC101
Entries 2.774127e+07
1
0
2.05298e+06
1.19234e+06
304123
66839
30164
91285
35945
17338
708834
1.01938e+06
1.89002e+06
2.77324e+06
3.03552e+06
3.05224e+06
2.99108e+06
3.04242e+06
3.06498e+06
2.37353e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5

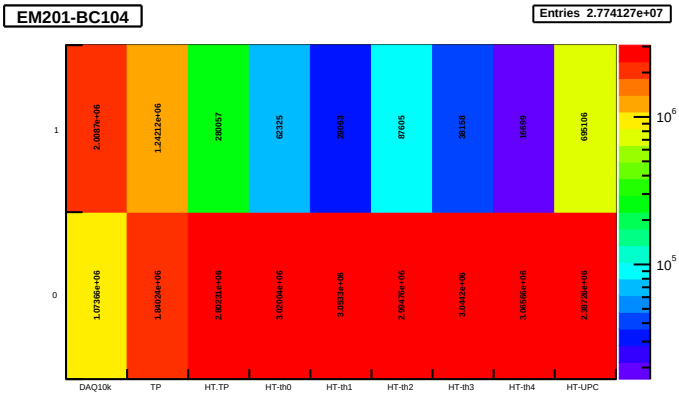

EM201-BC101Diff
Entries 3505903
1
0
-1
1.68868e+06
858203
216123
36657
10169
269375
309530
80864
27335
8872
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

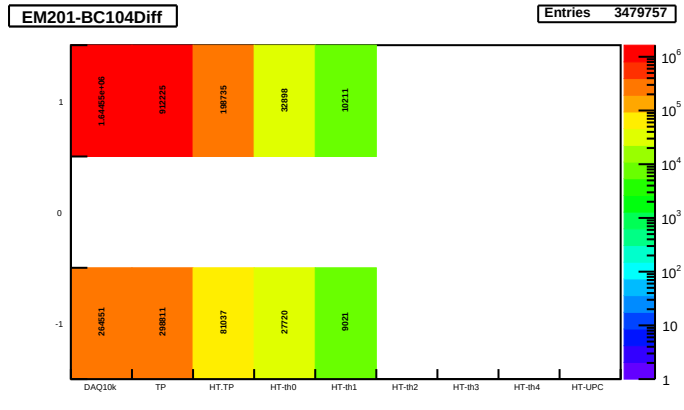

EM201-BC102
Entries 2.774127e+07
1
0
2.14531e+06
1.10375e+06
292876
61897
27457
89430
39516
16958
676398
937056
1.97861e+06
2.78949e+06
3.02667e+06
3.05451e+06
2.98203e+06
3.04355e+06
3.0654e+06
2.40806e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC102Diff
Entries 3493202
1
0
-1
1.76946e+06
774542
209578
34488
9610
264276
310914
82456
28379
9500
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

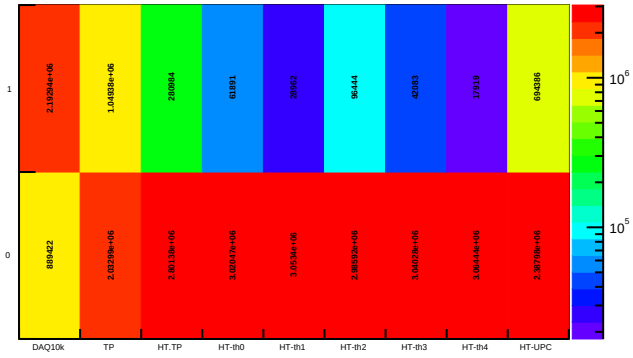

EM201-BC103
Entries 2.774127e+07
1
0
2.17638e+06
1.06925e+06
290848
64011
28102
84501
36597
15319
702982
905998
2.01312e+06
2.79152e+06
3.01835e+06
3.05426e+06
2.99785e+06
3.04577e+06
3.06654e+06
2.37938e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC103Diff
Entries 3493163
1
0
-1
1.80094e+06
743538
206887
36087
10122
261978
311691
84065
28451
9388
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

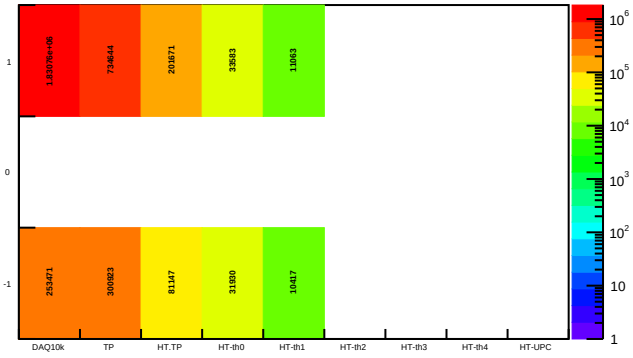

EM201-BC104
Entries 2.774127e+07
1
0
2.0074e+06
1.24212e+06
280057
62325
29063
87605
38153
16699
695106
1.07366e+06
1.84024e+06
2.80231e+06
3.02004e+06
3.0533e+06
2.99478e+06
3.0442e+06
3.06566e+06
2.38726e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC104Diff
Entries 3479757
1
0
-1
1.64459e+06
912225
198735
32898
10211
264651
298811
81037
27720
9021
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

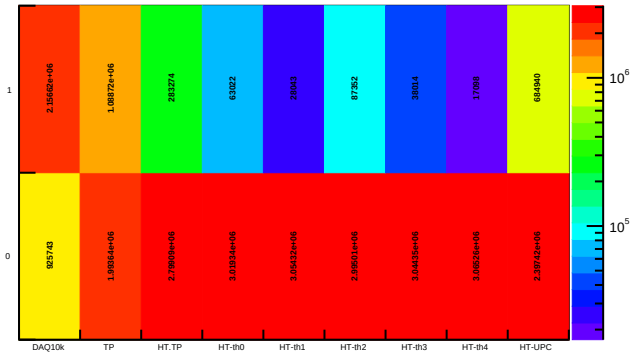
EM201-BC105 Entries 2.774127e+07



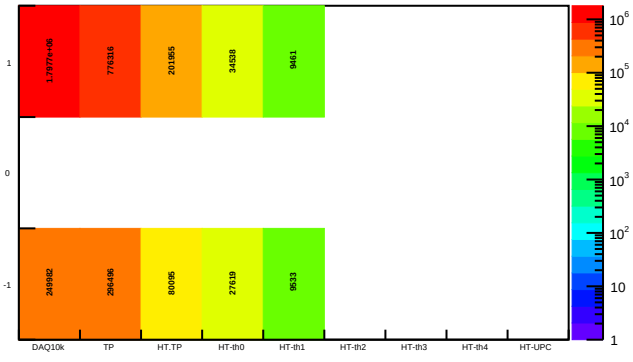
EM201-BC105Diff Entries 3489605



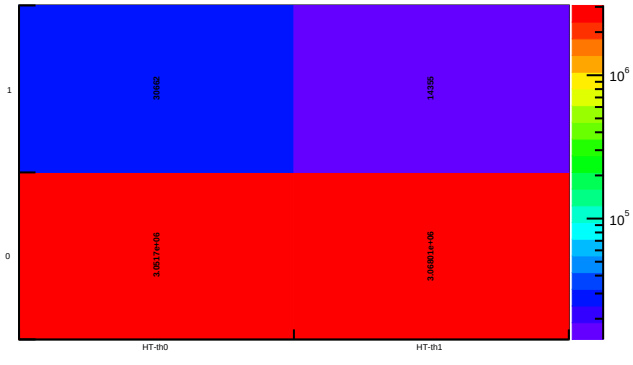
EM201-BC106 Entries 2.774127e+07



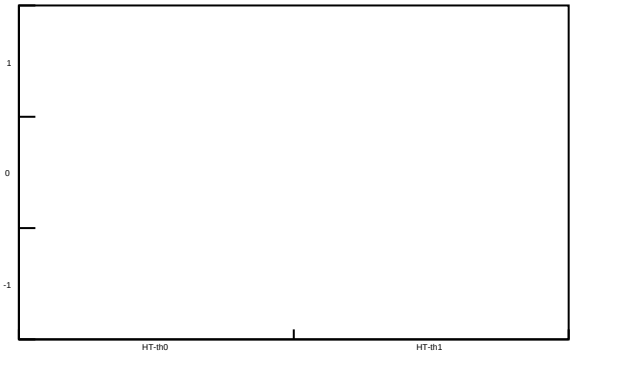
EM201-BC106Diff Entries 3483696



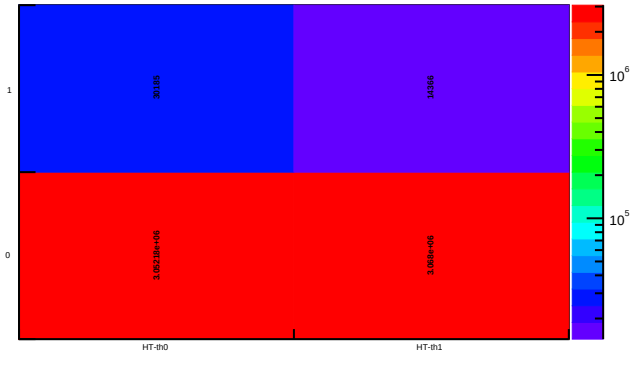
EM201-EE101 Entries 6164726



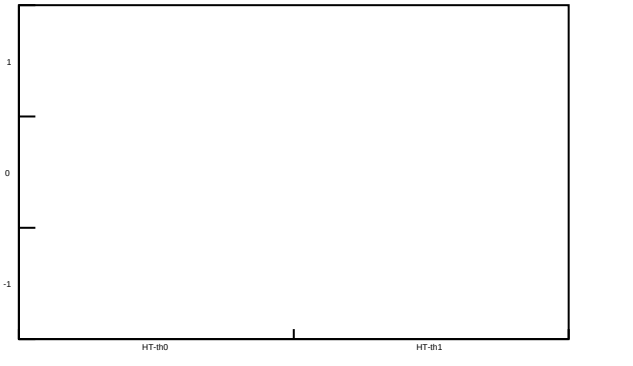
EM201-EE101Diff Entries 0

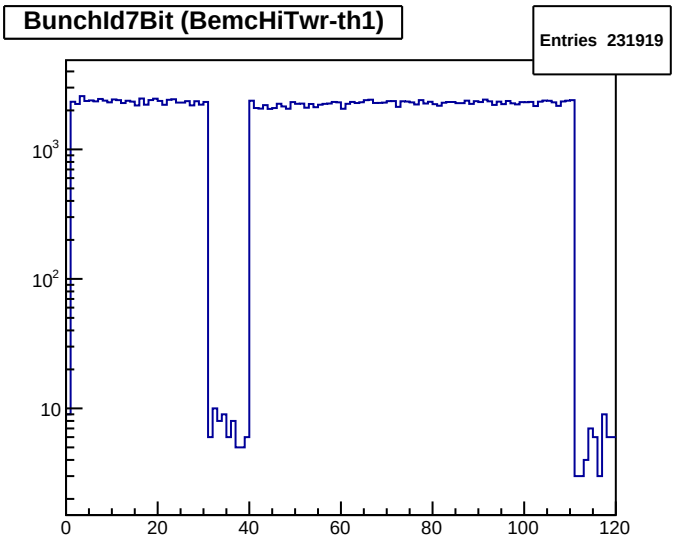


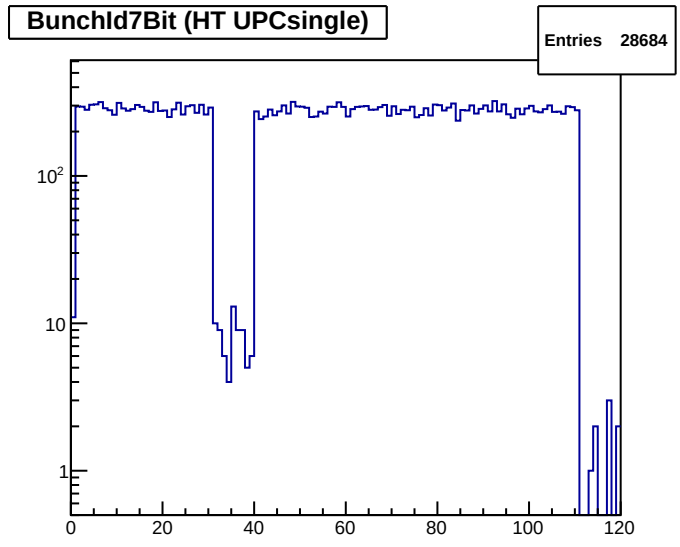
EM201-EE102 Entries 6164726

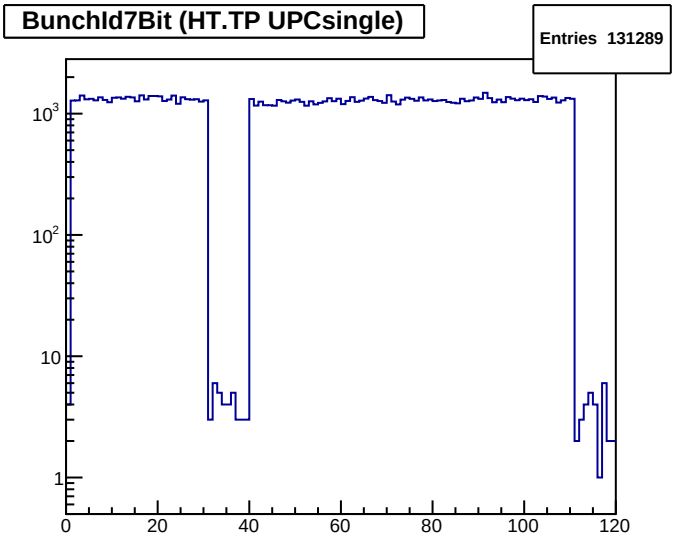


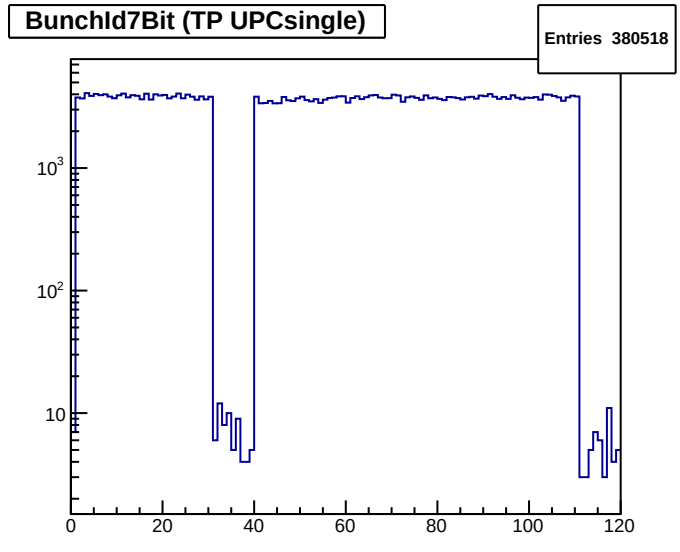
EM201-EE102Diff Entries 0

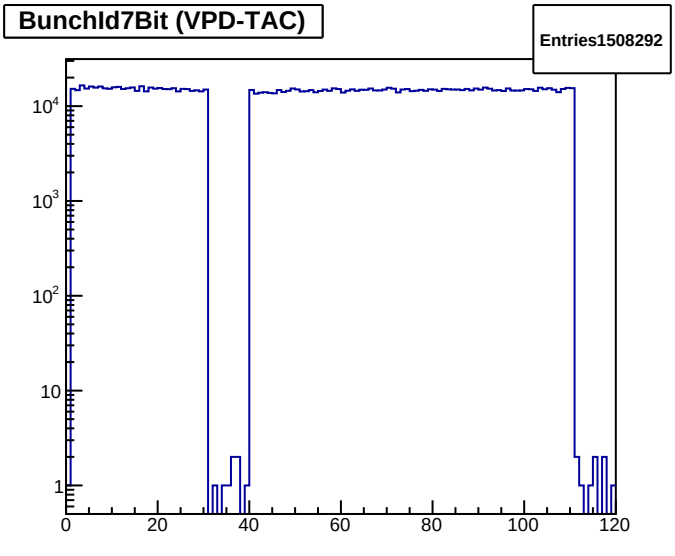


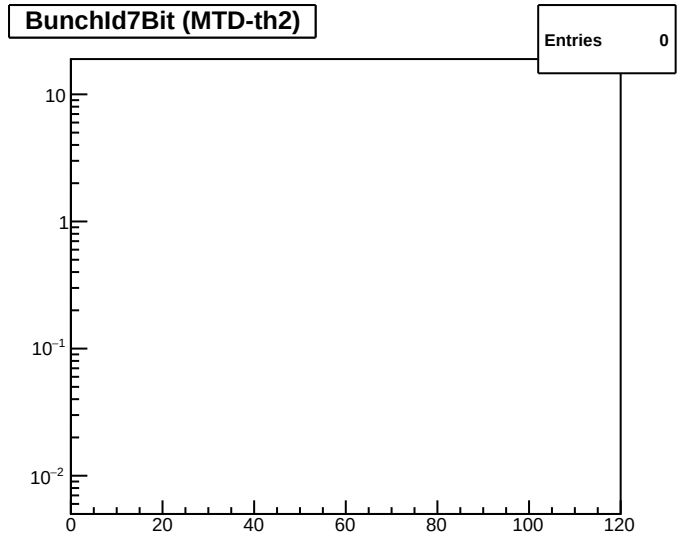

BunchId7Bit (BemcHiTwr-th1)
Entries 231919
10^3
10^2
10
0
20
40
60
80
100
120

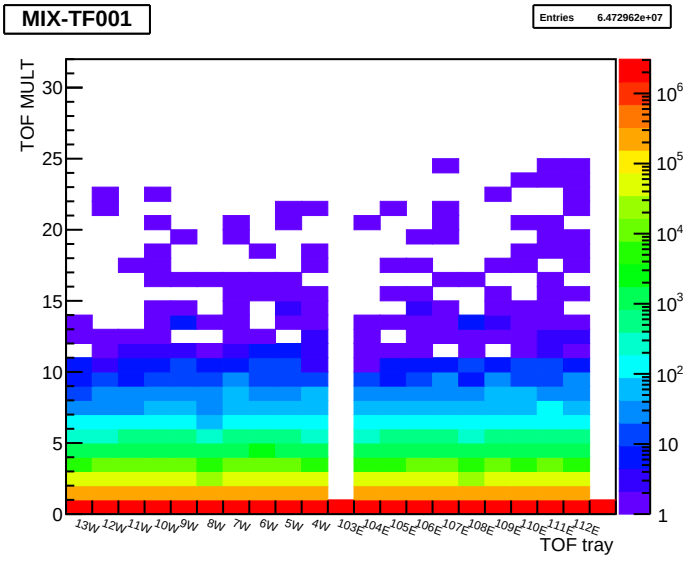

BunchId7Bit (HT UPCsingle)
Entries 28684
10^2
10
1
0
20
40
60
80
100
120

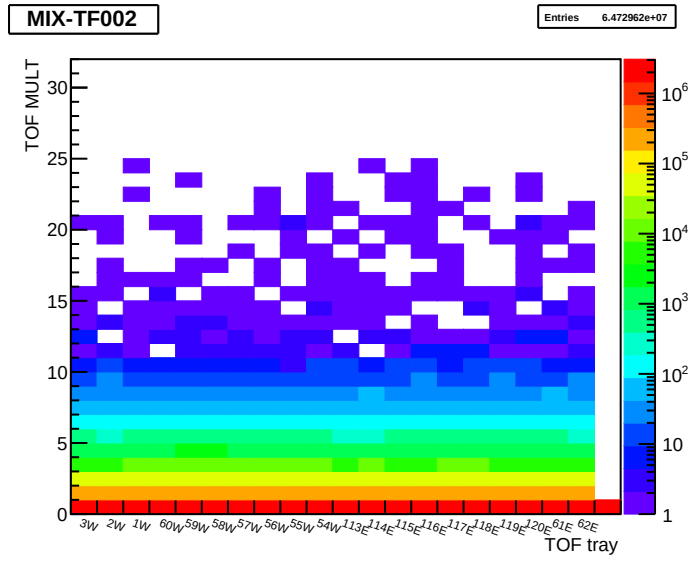

BunchId7Bit (HT.TP UPCsingle)
Entries 131289
10^3
10^2
10
1
0
20
40
60
80
100
120

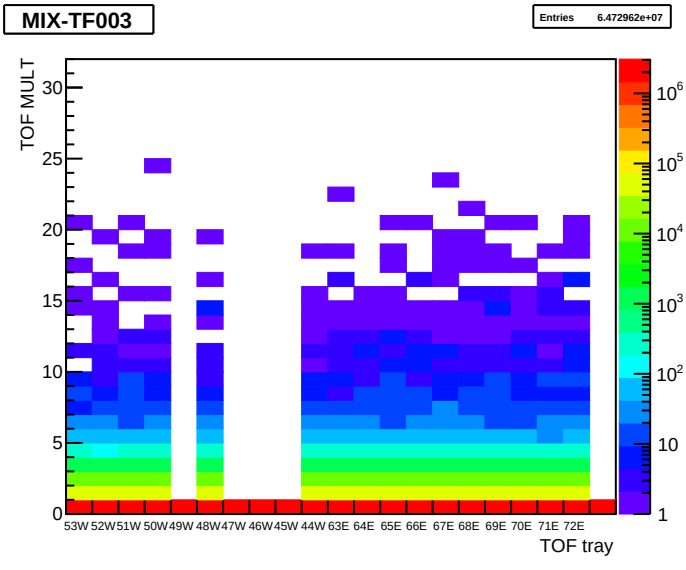

BunchId7Bit (TP UPCsingle)
Entries 380518
10^3
10^2
10
0
20
40
60
80
100
120

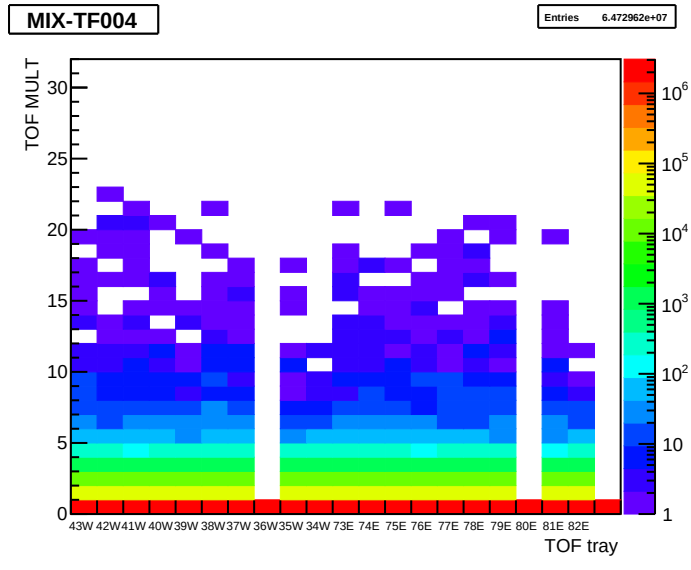

BunchId7Bit (VPD-TAC)
Entries1508292
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

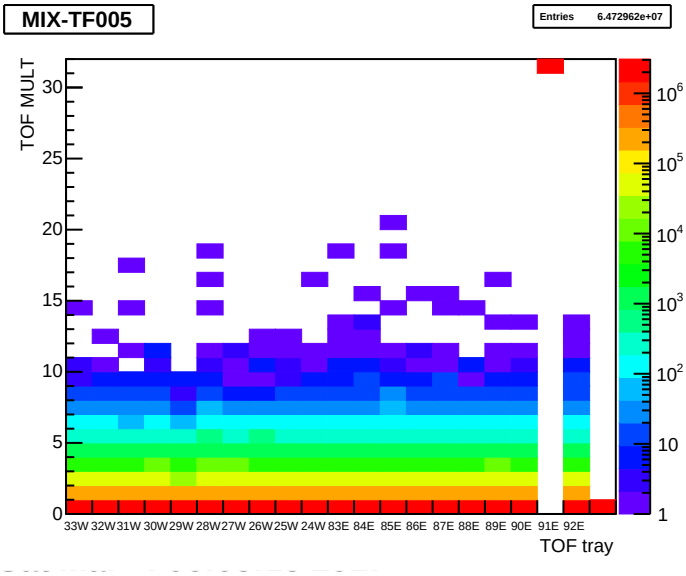

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

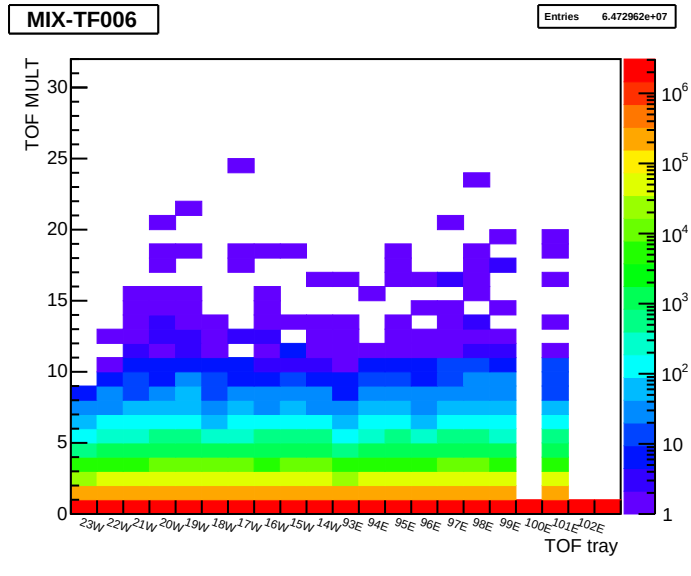

MIX-TF001
Entries 6.472962e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

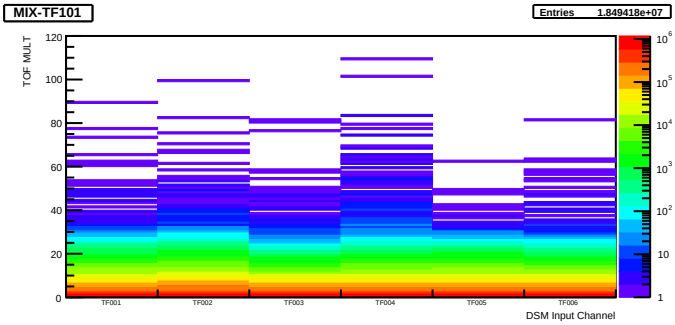

MIX-TF002
Entries 6.472962e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

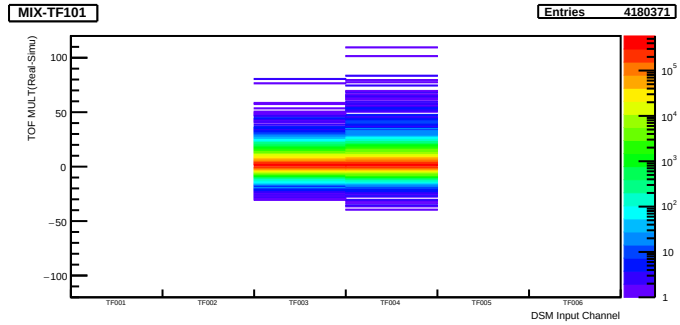

MIX-TF003
Entries 6.472962e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

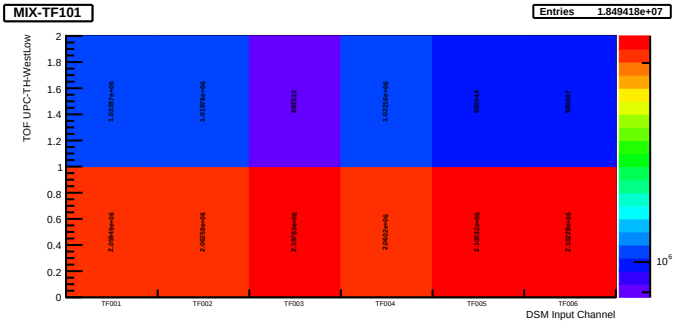

MIX-TF004
Entries 6.472962e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

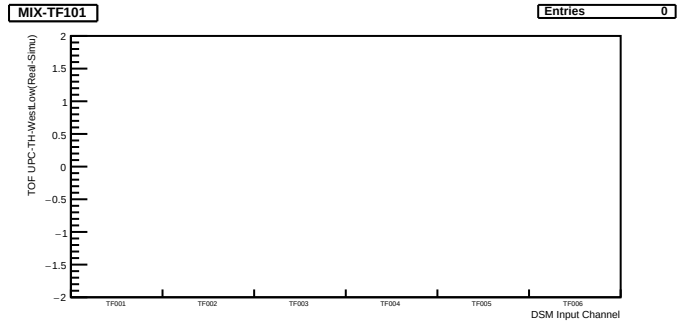

MIX-TF005
Entries 6.472962e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

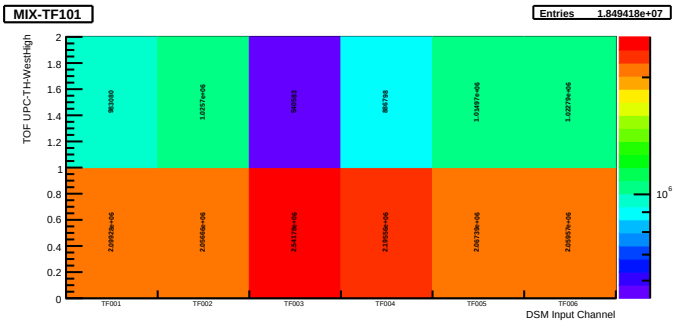

MIX-TF006
Entries 6.472962e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

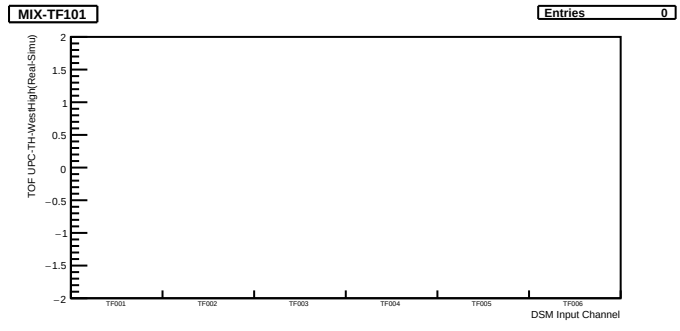

MIX-TF101
Entries 1.849418e+07
TOF MULT
DSM Input Channel

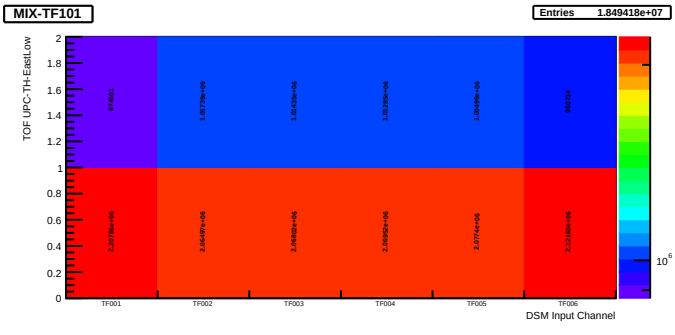

MIX-TF101
Entries 4180371
TOF MULT(Real-Simu)
DSM Input Channel

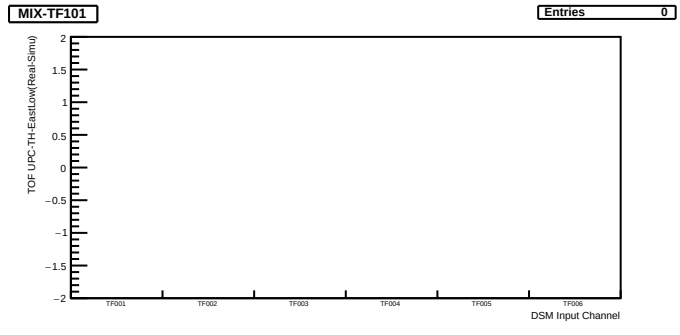

MIX-TF101
Entries 1.849418e+07
TOF UPC-TH-WestLow
DSM Input Channel

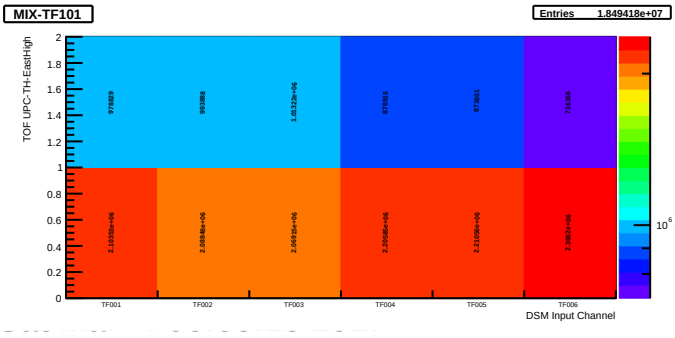

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

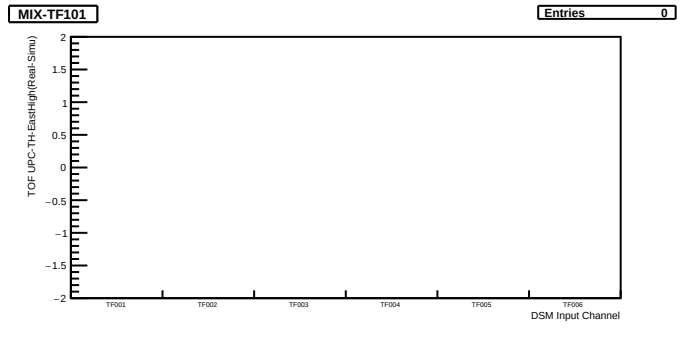

MIX-TF101
Entries 1.849418e+07
TOF UPC-TH-WestHigh
DSM Input Channel

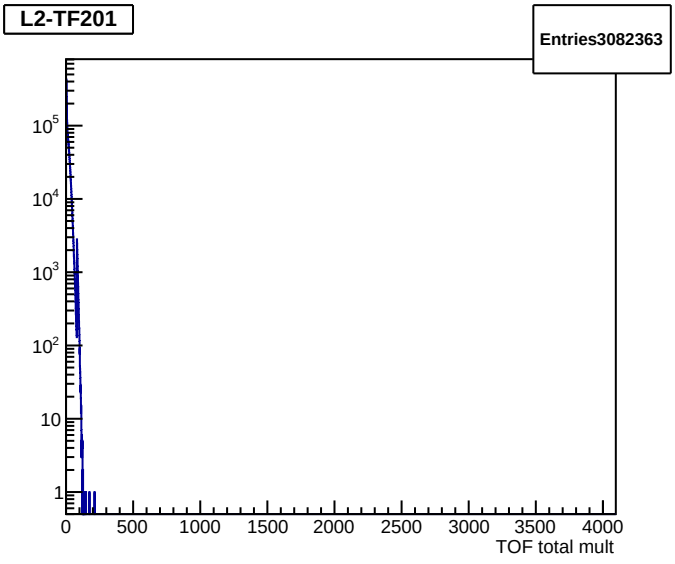

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

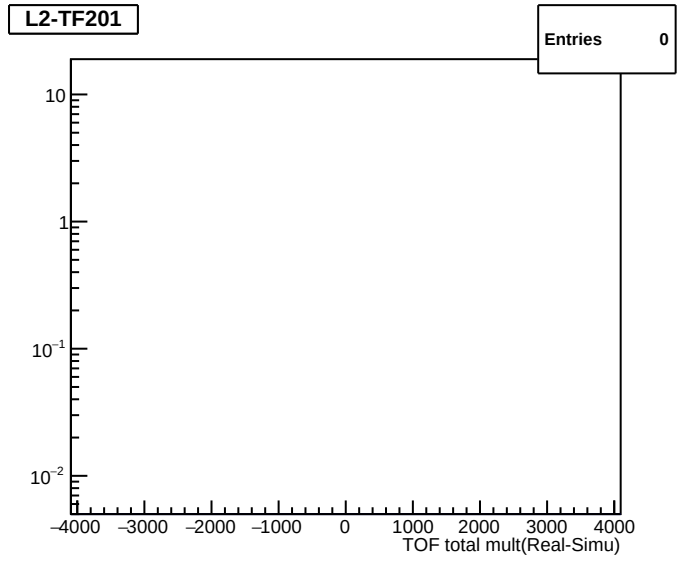

MIX-TF101
Entries 1.849418e+07
TOF UPC-TH-EastLow
DSM Input Channel

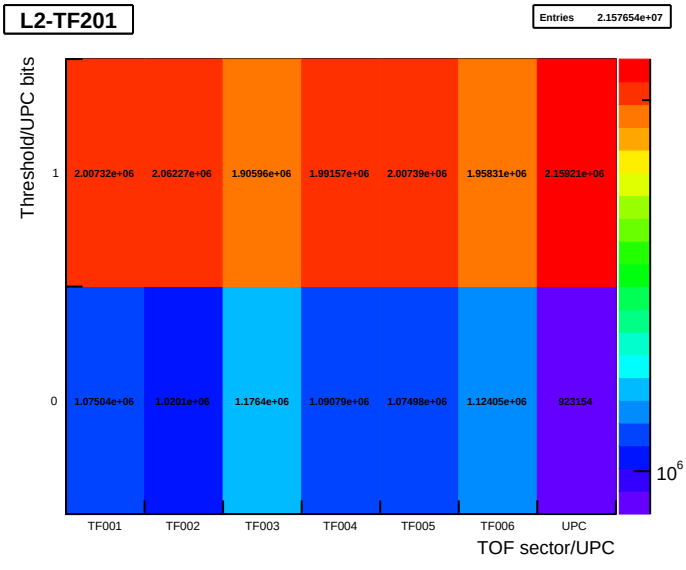

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

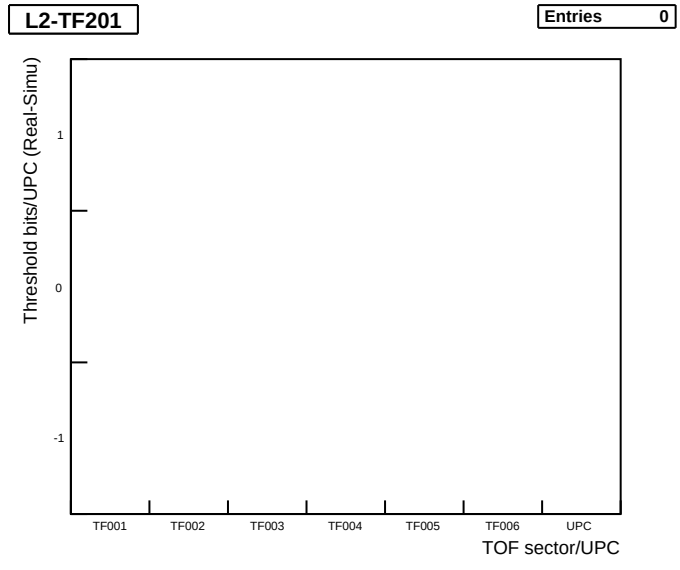

MIX-TF101
Entries 1.849418e+07
TOF UPC-TH-EastHigh
DSM Input Channel

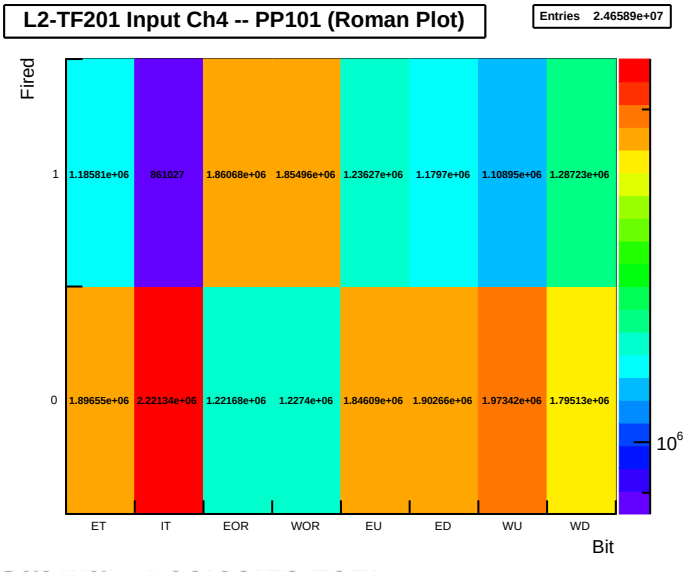

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

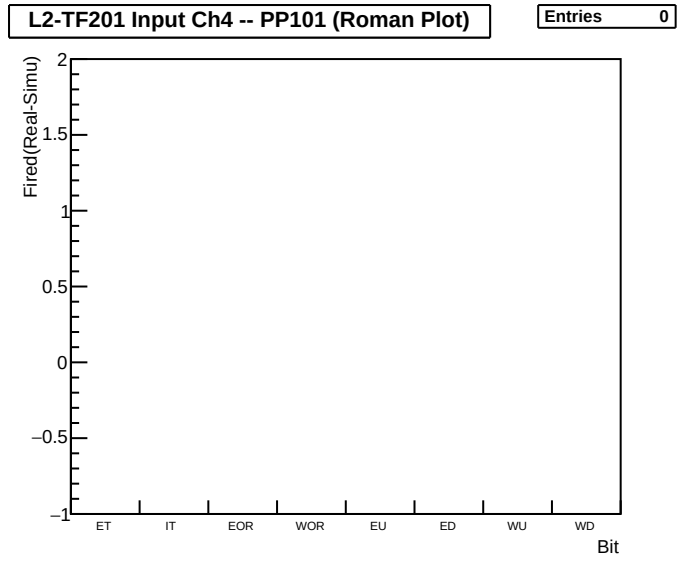

L2-TF201
Entries3082363
TOF total mult

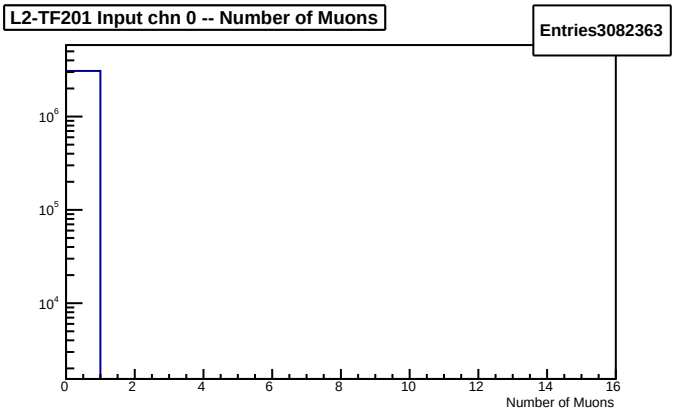

L2-TF201
Entries 0
TOF total mult(Real-Simu)

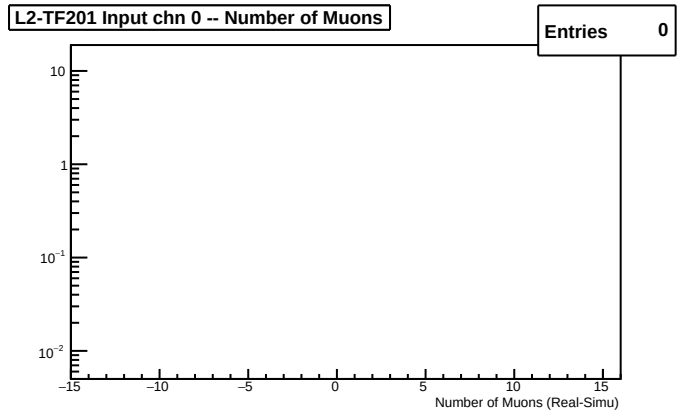

L2-TF201
Entries 2.157654e+07
Threshold/UPC bits
2.00732e+06
2.06227e+06
1.90596e+06
1.99157e+06
2.00739e+06
1.95831e+06
2.15921e+06
1.07504e+06
1.0201e+06
1.1764e+06
1.09079e+06
1.07498e+06
1.12405e+06
923154
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

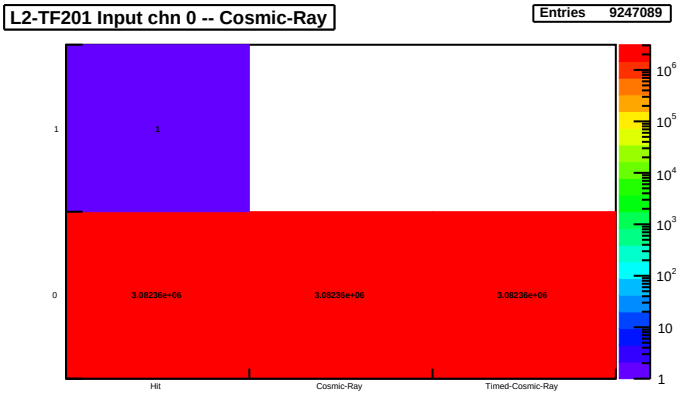

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

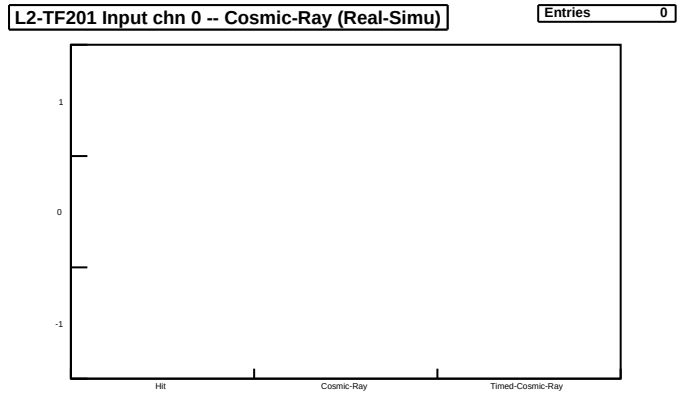

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.46589e+07
Fired
1.18581e+06
861027
1.86068e+06
1.85496e+06
1.23627e+06
1.1797e+06
1.10895e+06
1.28723e+06
1.89655e+06
2.22134e+06
1.22168e+06
1.2274e+06
1.84609e+06
1.90266e+06
1.97342e+06
1.79513e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

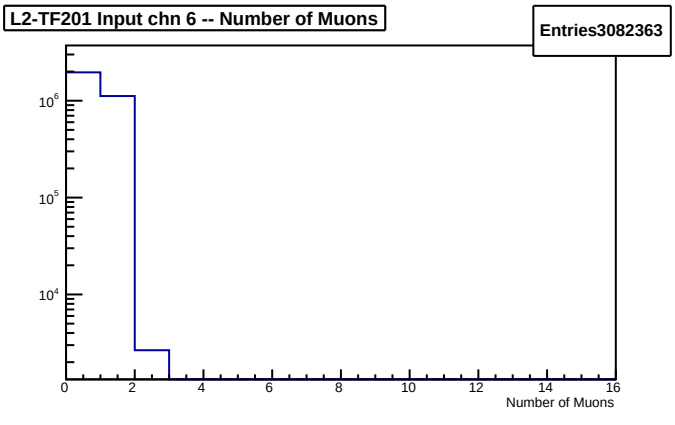

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

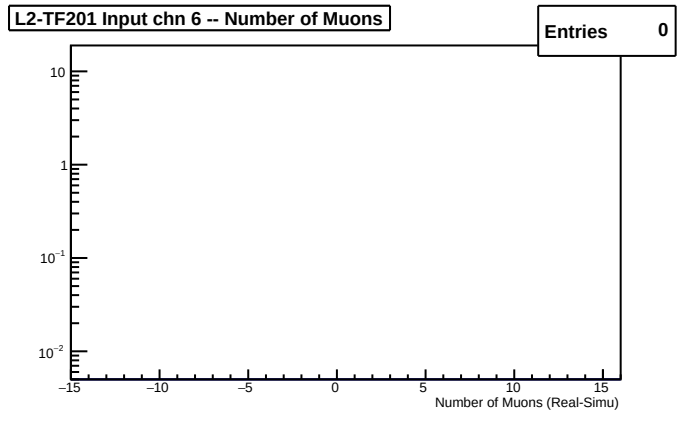

L2-TF201 Input chn 0 -- Number of Muons
Entries3082363
Number of Muons

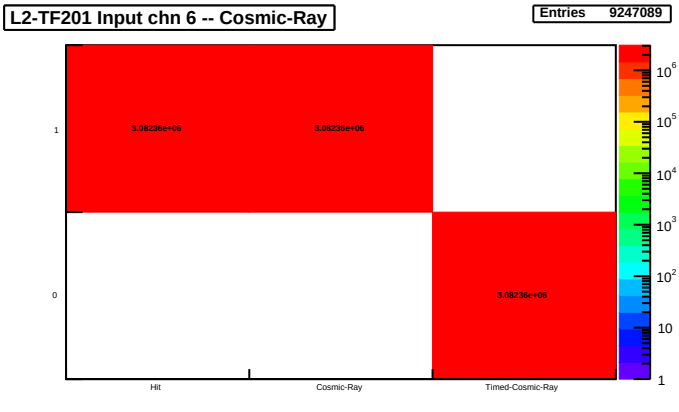

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

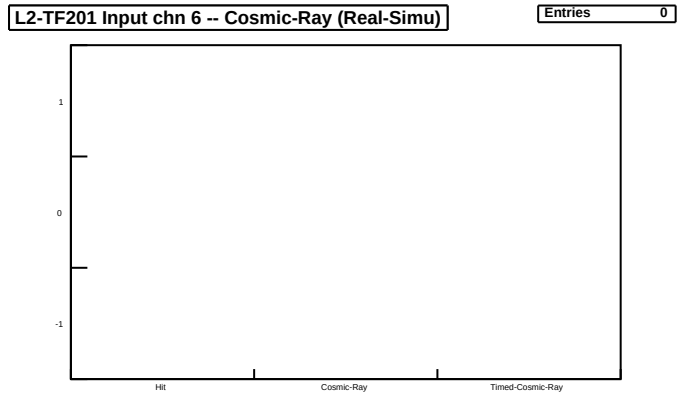

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 9247089
1
3.08236e+06
3.08236e+06
3.08236e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

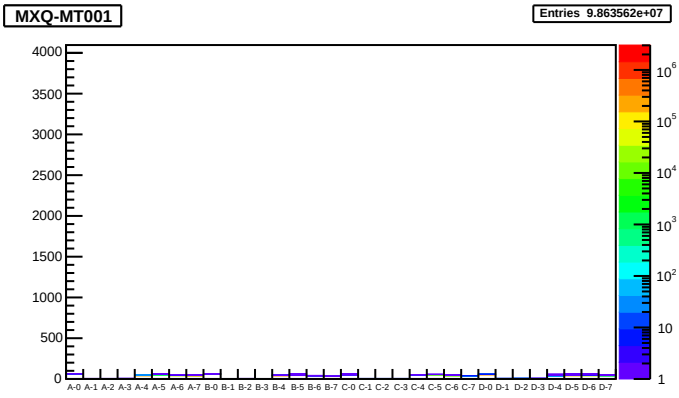

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

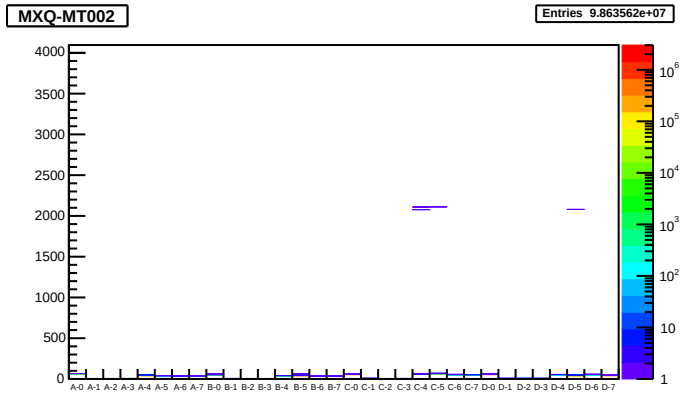

L2-TF201 Input chn 6 -- Number of Muons
Entries3082363
Number of Muons

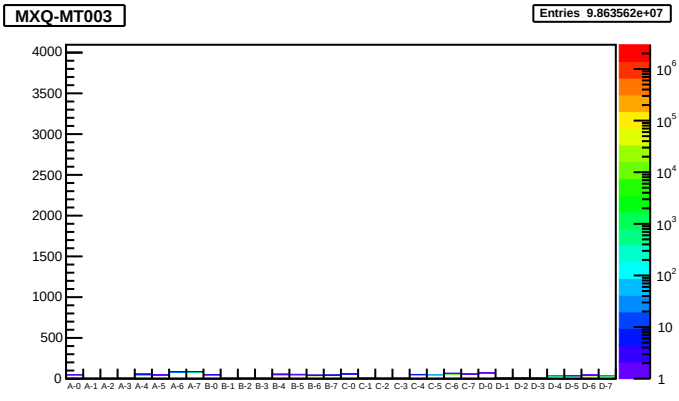

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

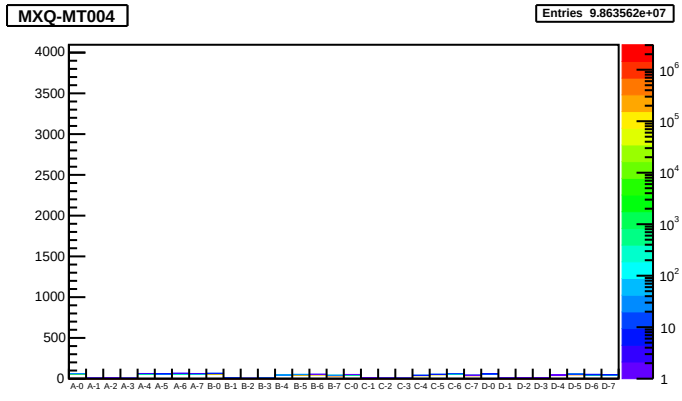

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 9247089
3.08236e+06
3.08236e+06
3.08236e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

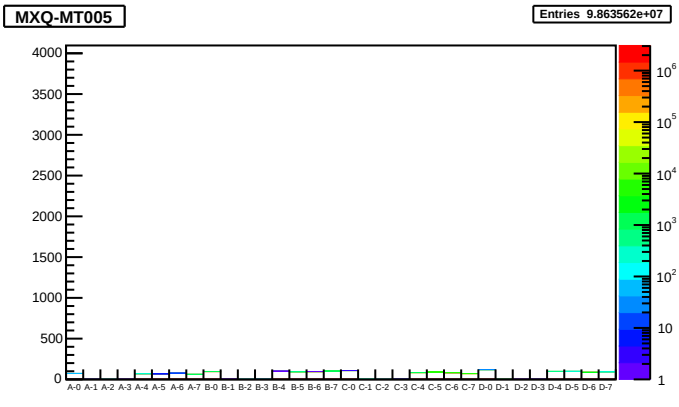

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

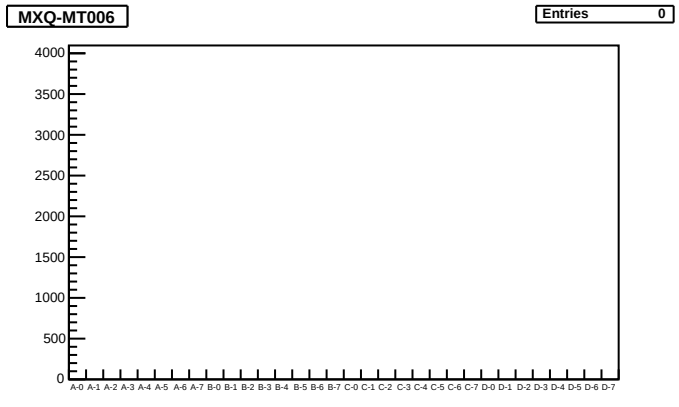

MXQ-MT001
Entries 9.863562e+07

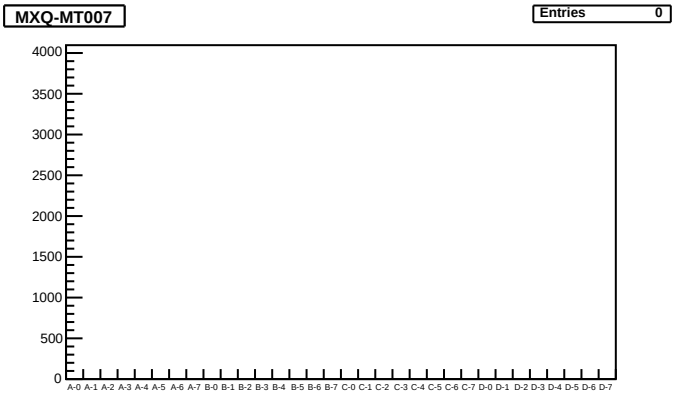

MXQ-MT002
Entries 9.863562e+07

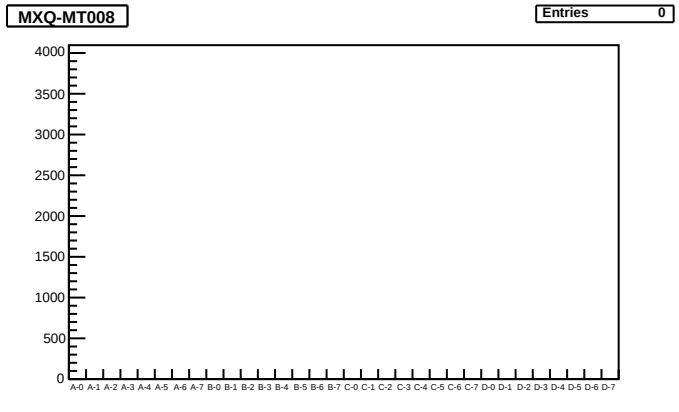

MXQ-MT003
Entries 9.863562e+07

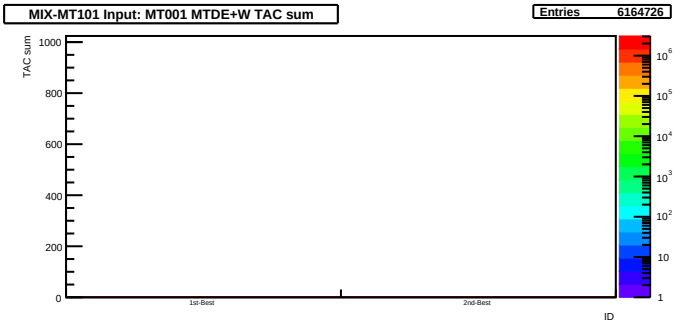

MXQ-MT004
Entries 9.863562e+07

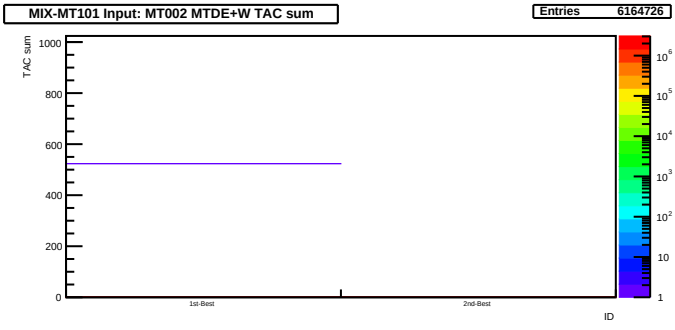

MXQ-MT005
Entries 9.863562e+07

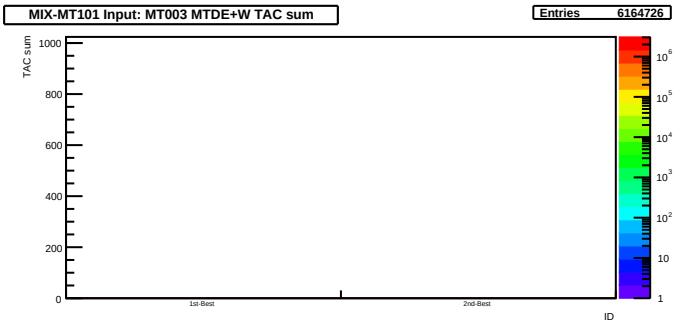

MXQ-MT006
Entries 0

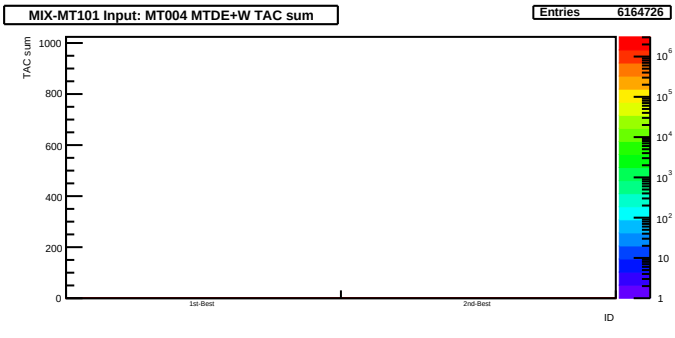

MXQ-MT007
Entries 0

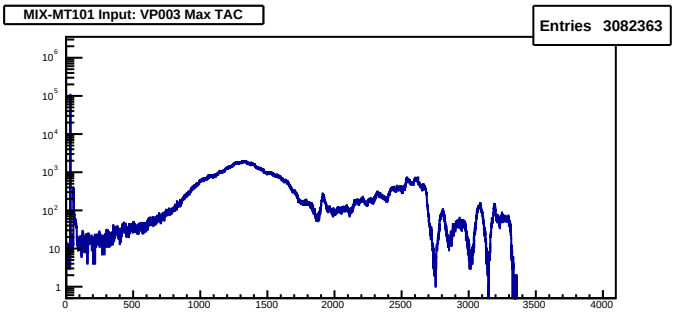

MXQ-MT008
Entries 0

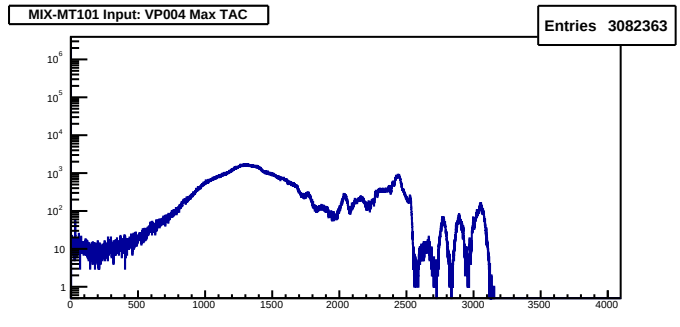

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 6164726
TAC sum
1st-Best
2nd-Best
ID

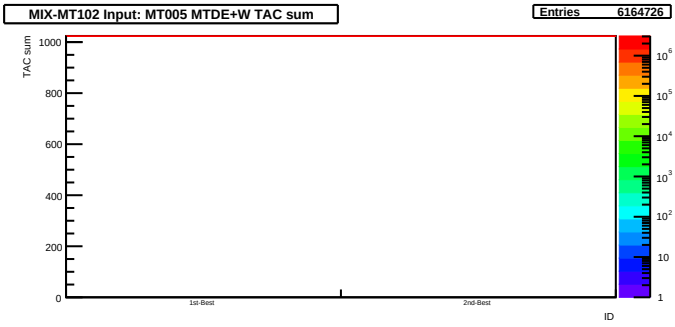

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 6164726
TAC sum
1st-Best
2nd-Best
ID

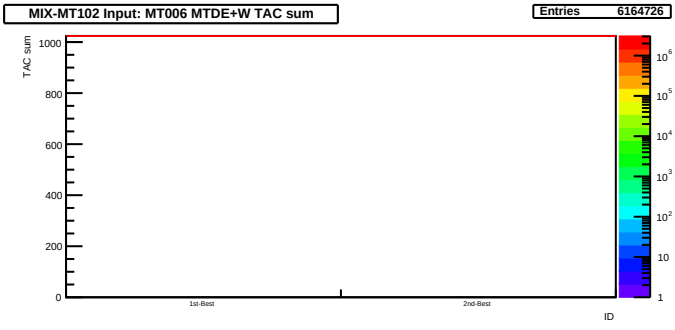

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 6164726
TAC sum
1st-Best
2nd-Best
ID

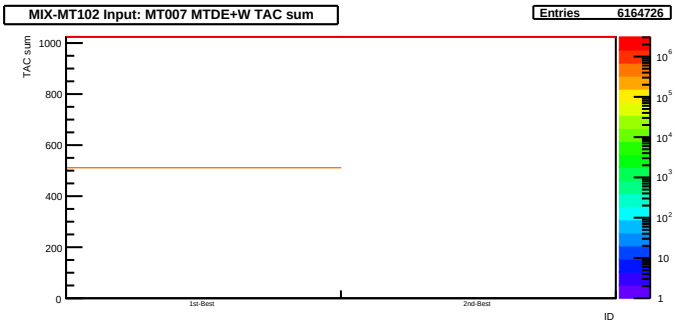

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 6164726
TAC sum
1st-Best
2nd-Best
ID

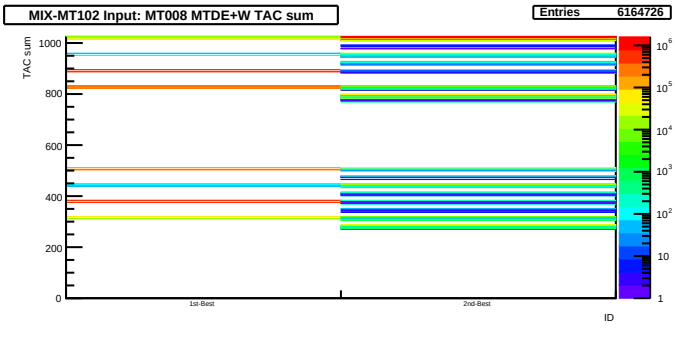

MIX-MT101 Input: VP003 Max TAC
Entries 3082363

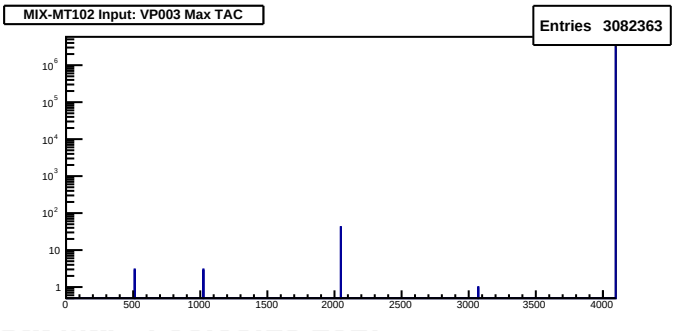

MIX-MT101 Input: VP004 Max TAC
Entries 3082363

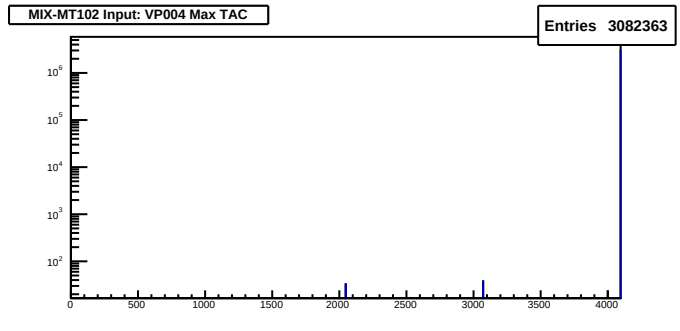

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 6164726
TAC sum
1st-Best
2nd-Best
ID

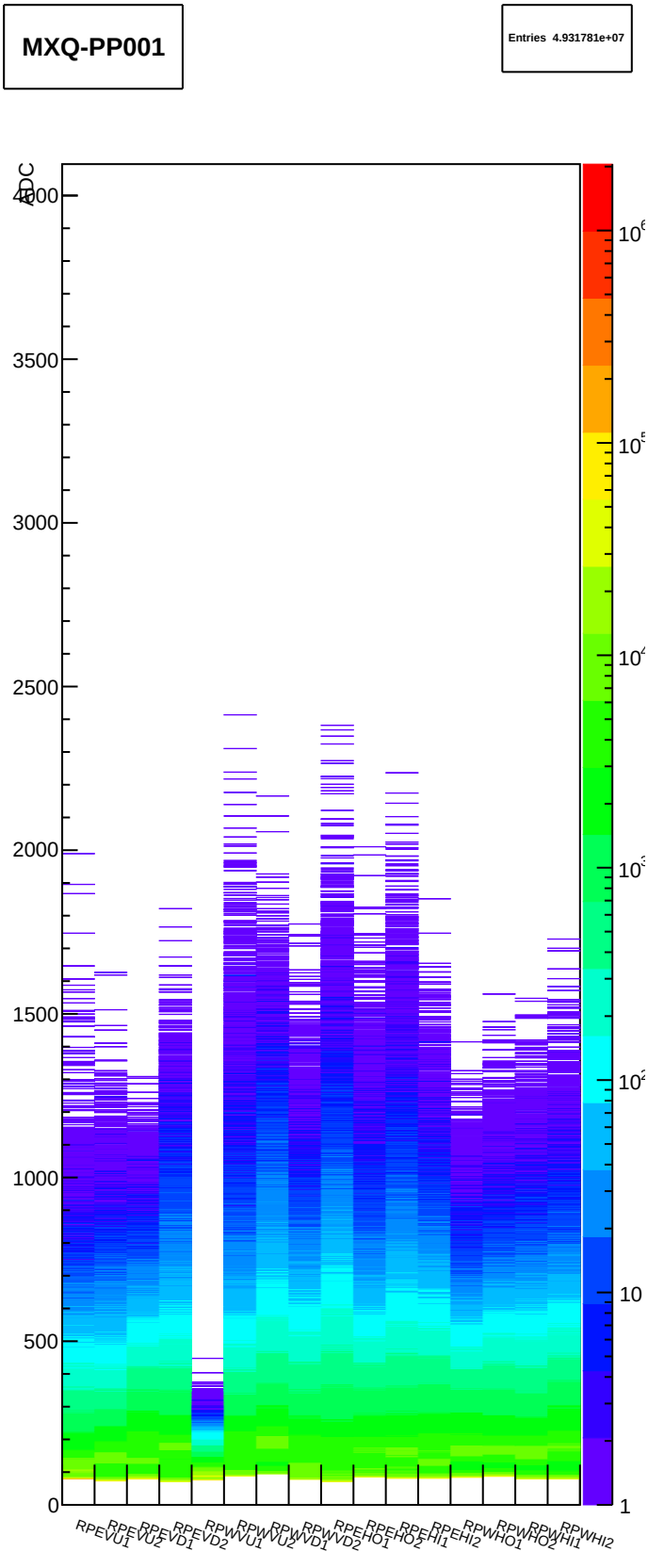

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 6164726
TAC sum
1st-Best
2nd-Best
ID

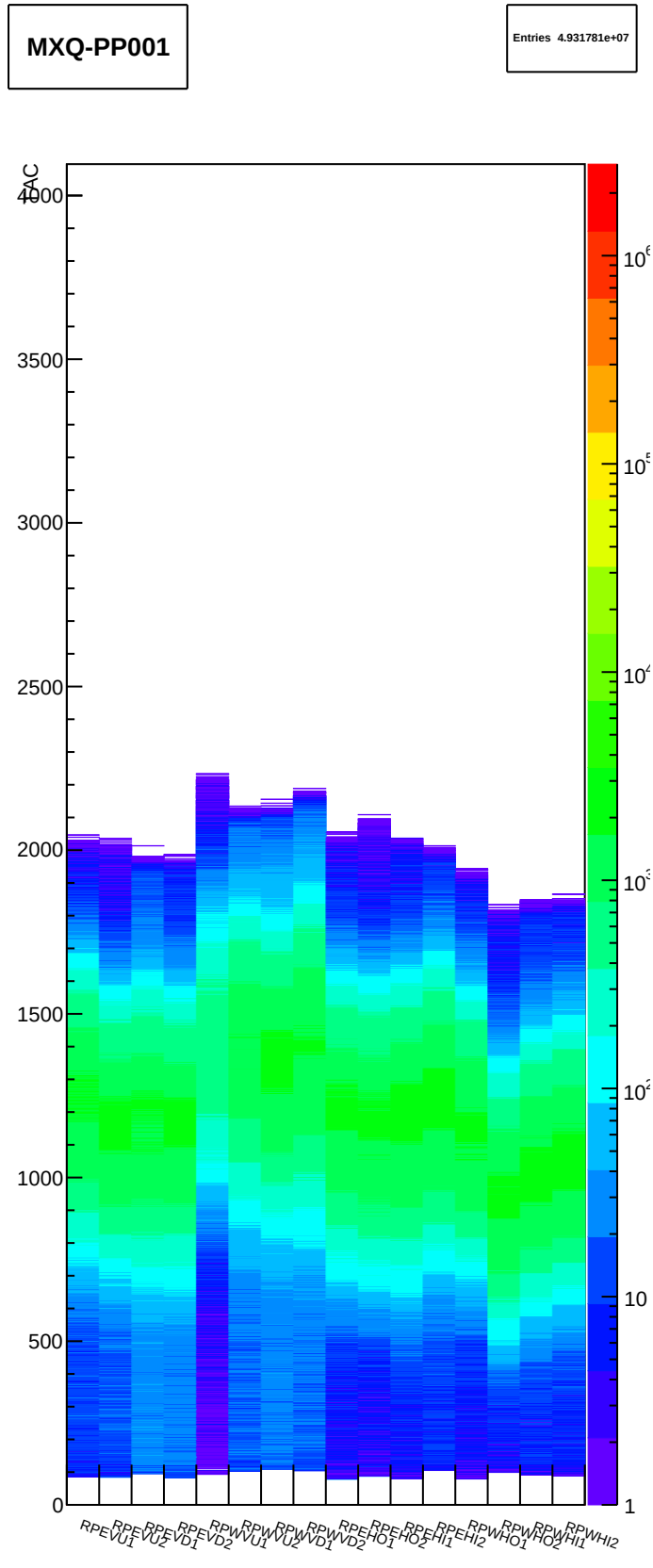

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 6164726
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 6164726
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 3082363


MIX-MT102 Input: VP004 Max TAC
Entries 3082363


MXQ-PP001
Entries 4.931781e+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 4.931781e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
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RPWHI1
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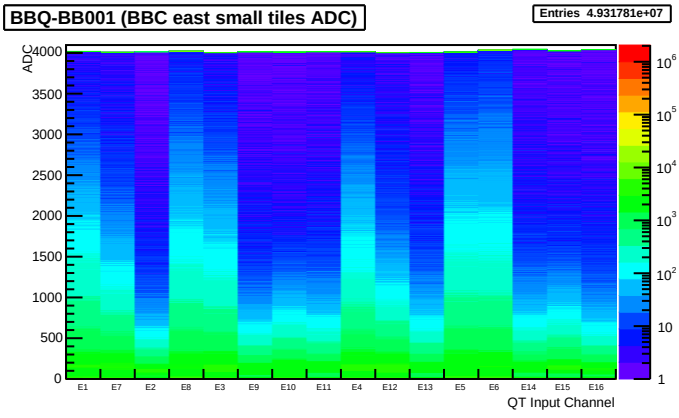
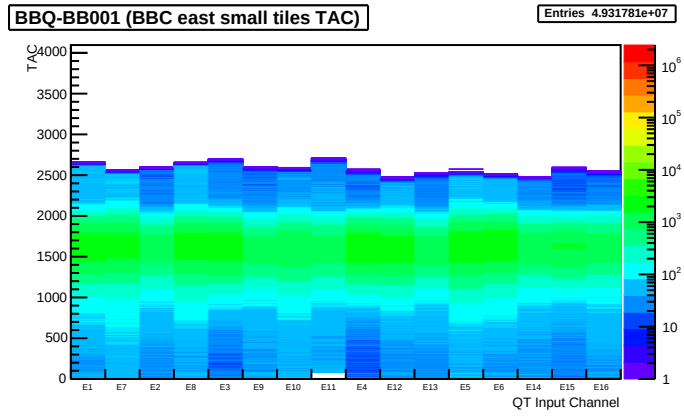
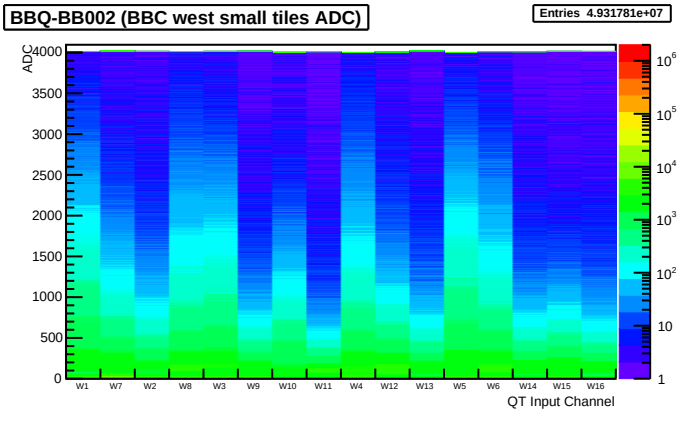
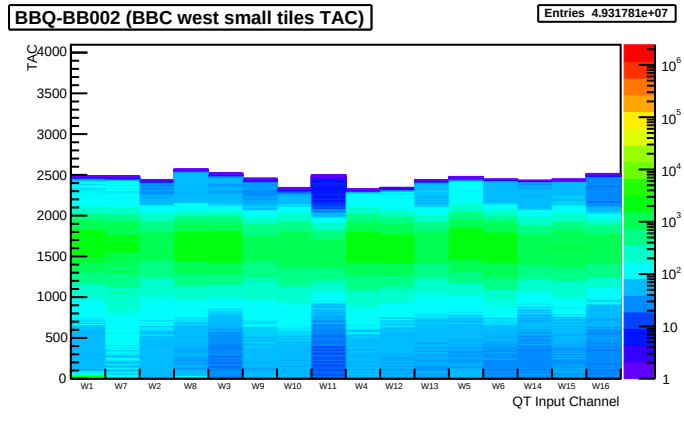
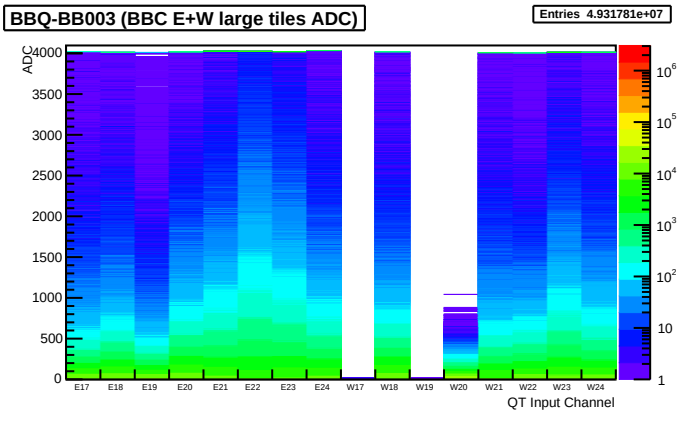
10^6
10^5
10^4
10^3
10^2
10
1

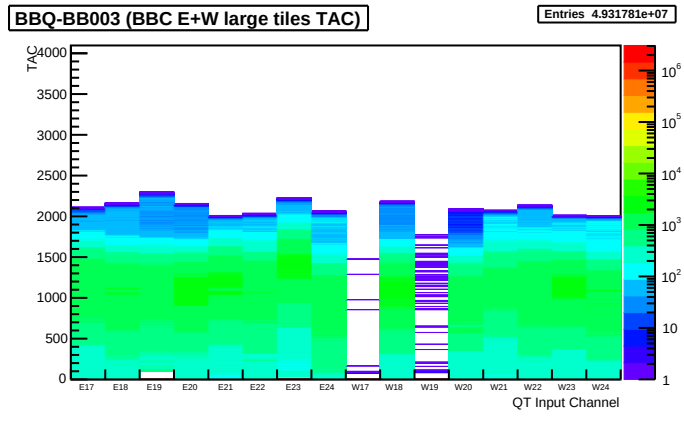

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.931781e+07
ADC
QT Input Channel

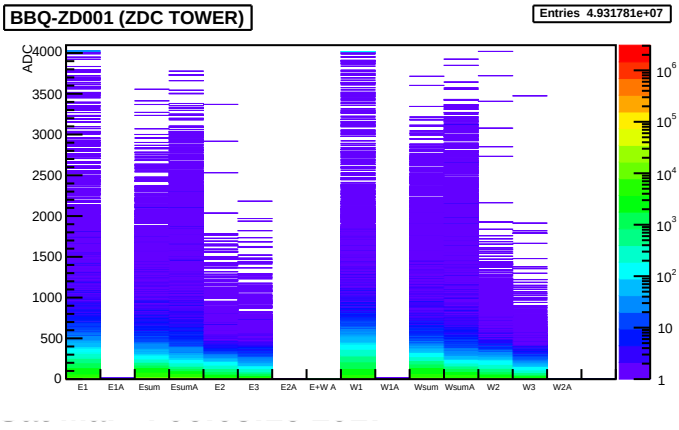

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.931781e+07
TAC
QT Input Channel

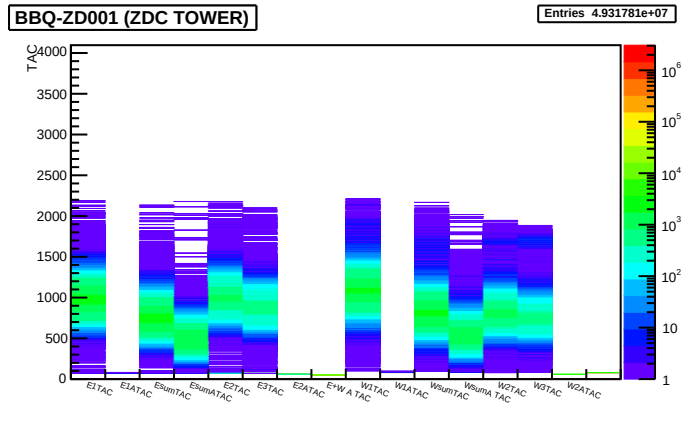

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.931781e+07
ADC
QT Input Channel

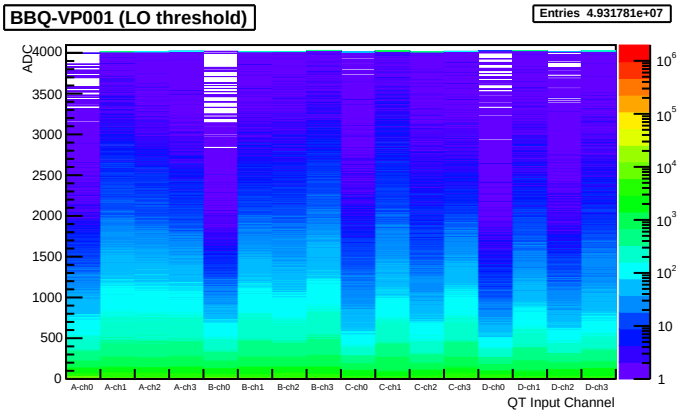

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.931781e+07
TAC
QT Input Channel

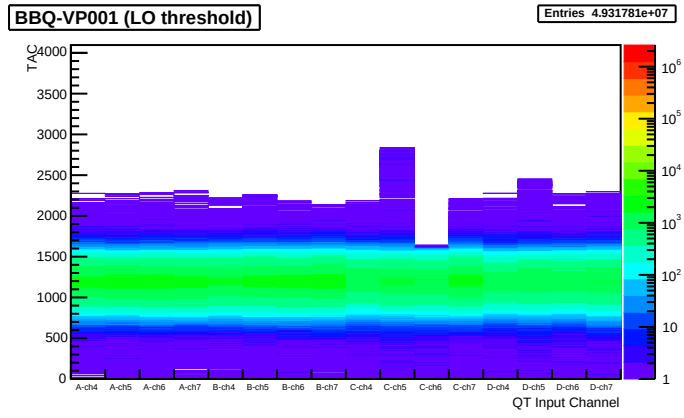

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.931781e+07
ADC
QT Input Channel

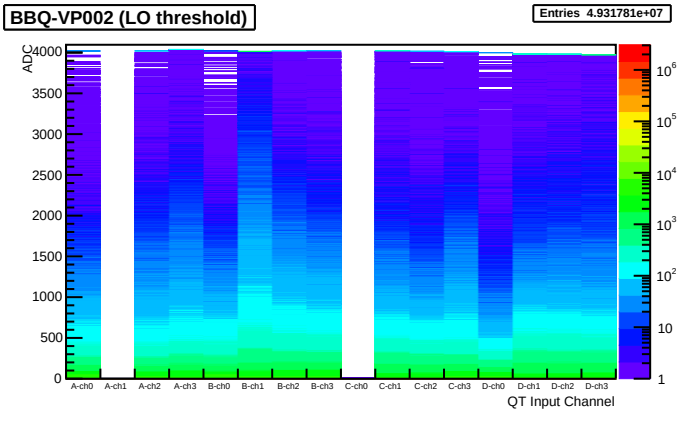

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.931781e+07
TAC
QT Input Channel

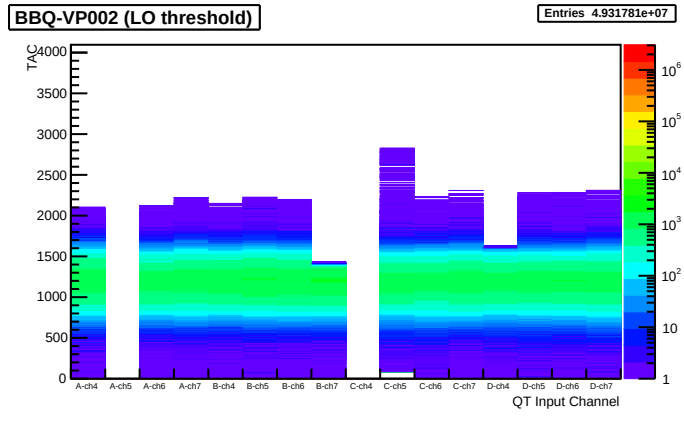

BBQ-ZD001 (ZDC TOWER)
Entries 4.931781e+07
ADC

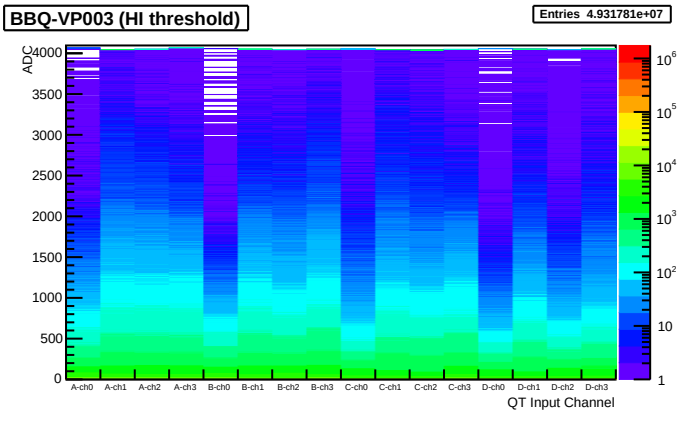

BBQ-ZD001 (ZDC TOWER)
Entries 4.931781e+07
TAC

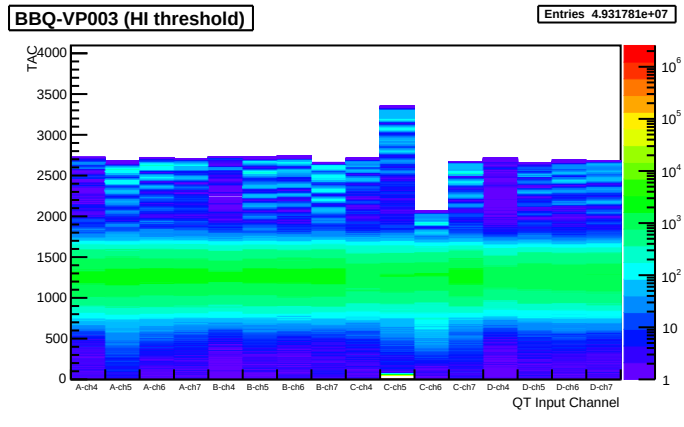

BBQ-VP001 (LO threshold)
Entries 4.931781e+07
ADC
QT Input Channel

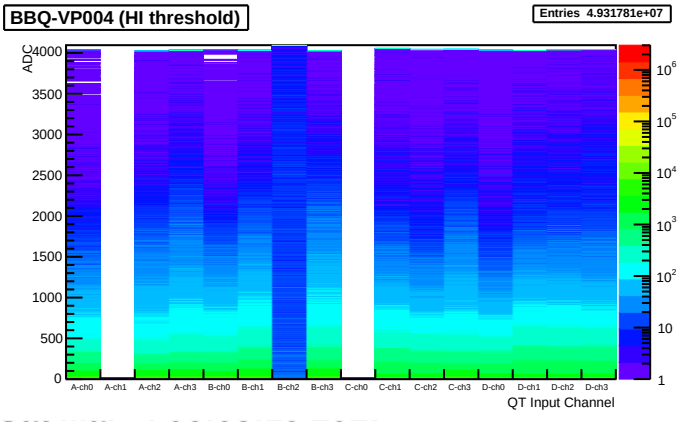

BBQ-VP001 (LO threshold)
Entries 4.931781e+07
TAC
QT Input Channel

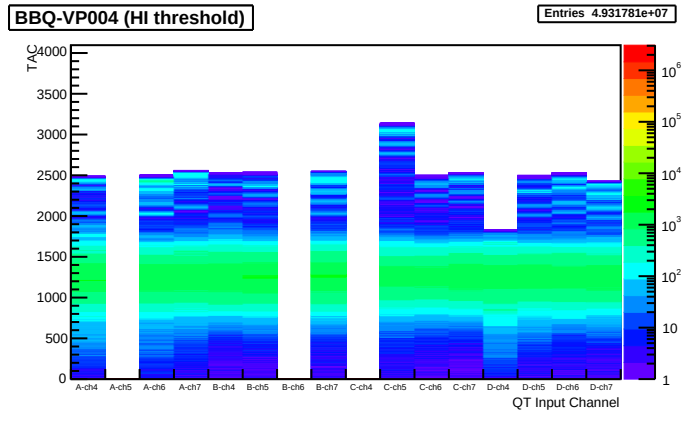

BBQ-VP002 (LO threshold)
Entries 4.931781e+07
ADC
QT Input Channel

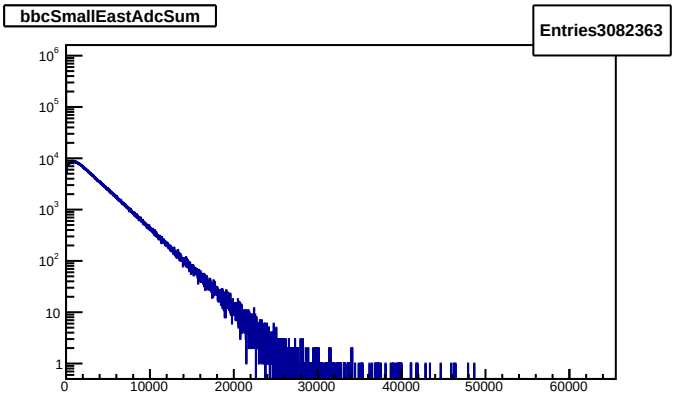

BBQ-VP002 (LO threshold)
Entries 4.931781e+07
TAC
QT Input Channel

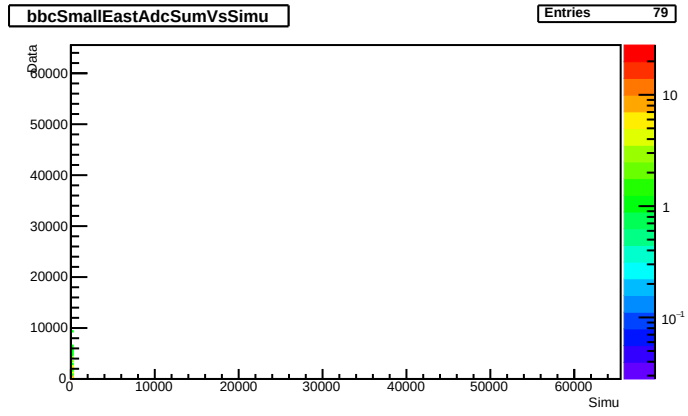

BBQ-VP003 (HI threshold)
Entries 4.931781e+07
ADC
QT Input Channel

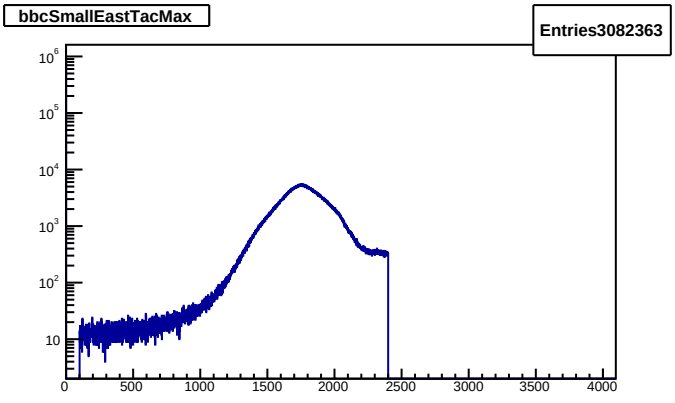

BBQ-VP003 (HI threshold)
Entries 4.931781e+07
TAC
QT Input Channel

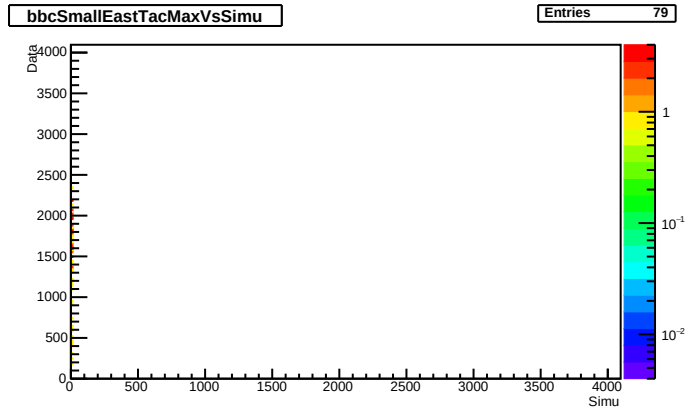

BBQ-VP004 (HI threshold)
Entries 4.931781e+07
ADC
QT Input Channel

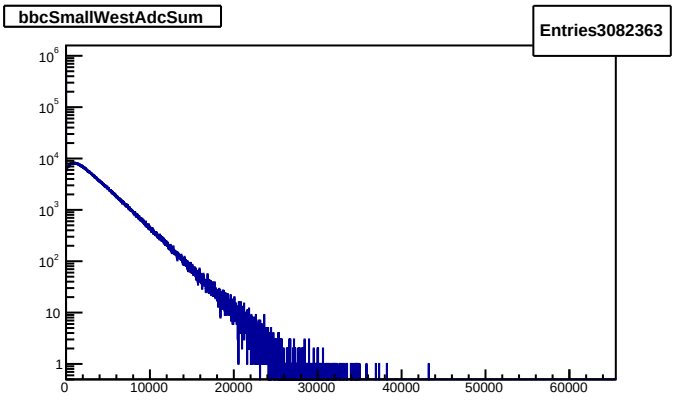

BBQ-VP004 (HI threshold)
Entries 4.931781e+07
TAC
QT Input Channel

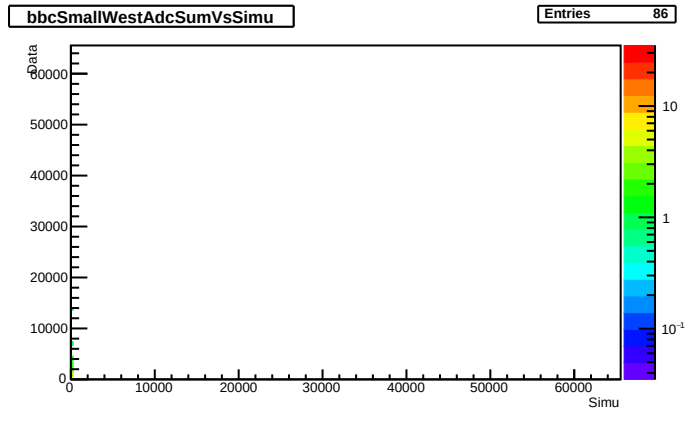

bbcSmallEastAdcSum
Entries3082363

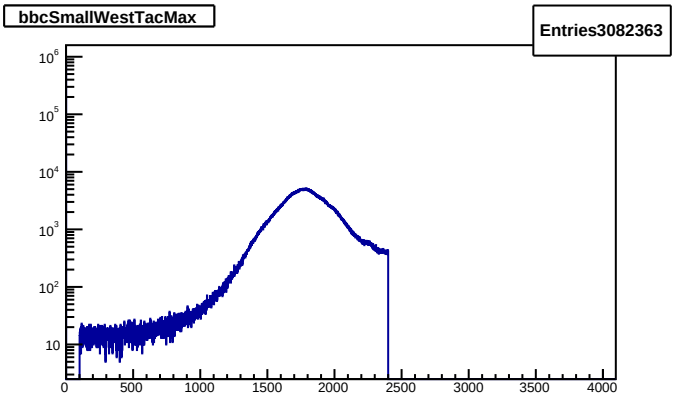

bbcSmallEastAdcSumVsSimu
Entries 79
Data
Simu

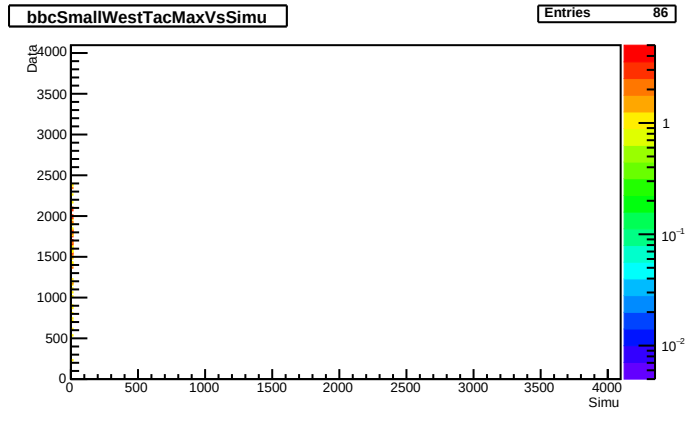

bbcSmallEastTacMax
Entries3082363

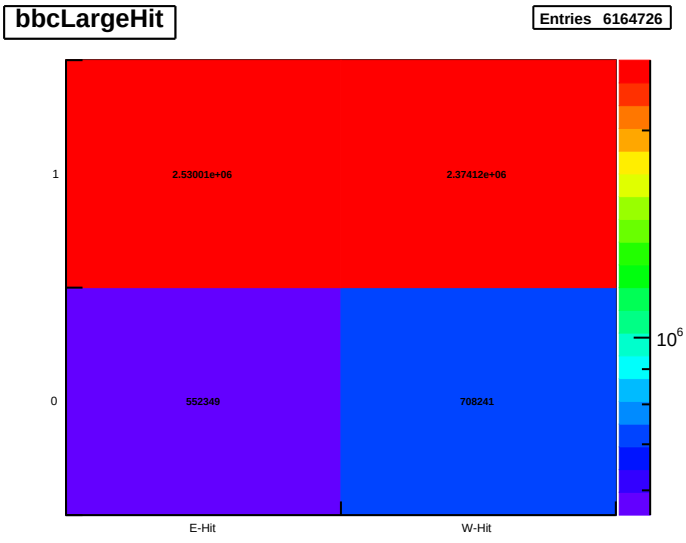

bbcSmallEastTacMaxVsSimu
Entries 79
Data
Simu

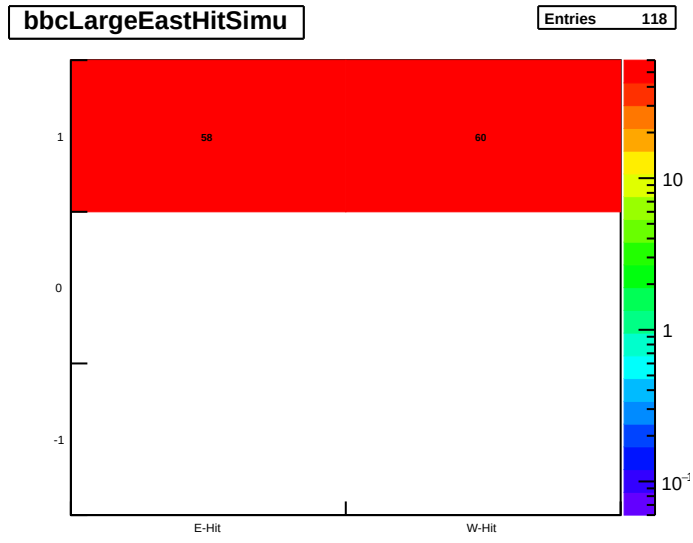

bbcSmallWestAdcSum
Entries3082363

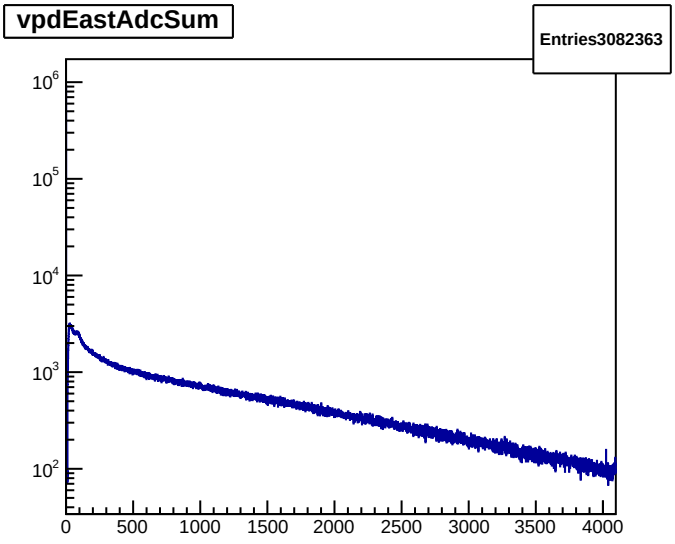

bbcSmallWestAdcSumVsSimu
Entries 86
Data
Simu

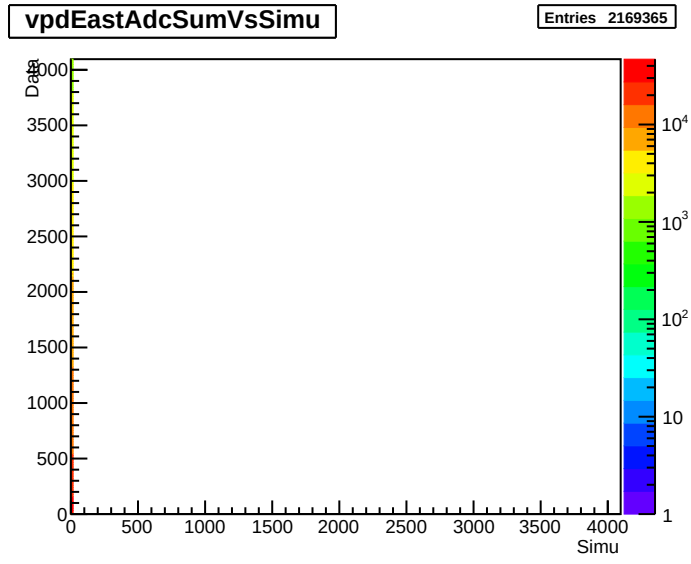

bbcSmallWestTacMax
Entries3082363

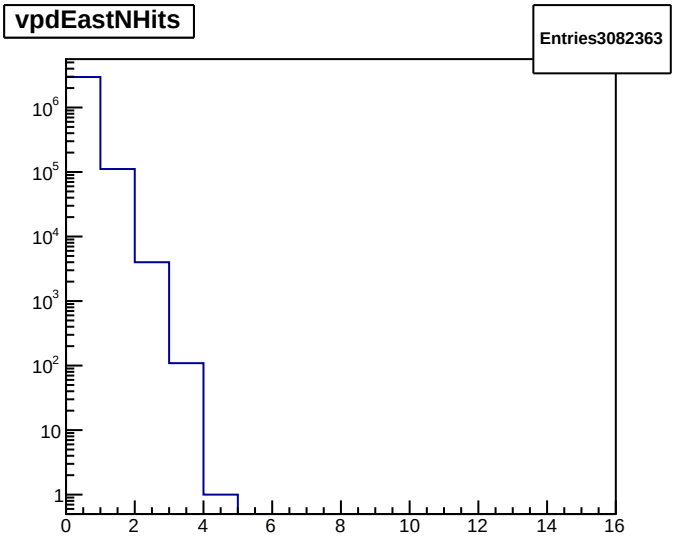

bbcSmallWestTacMaxVsSimu
Entries 86
Data
Simu

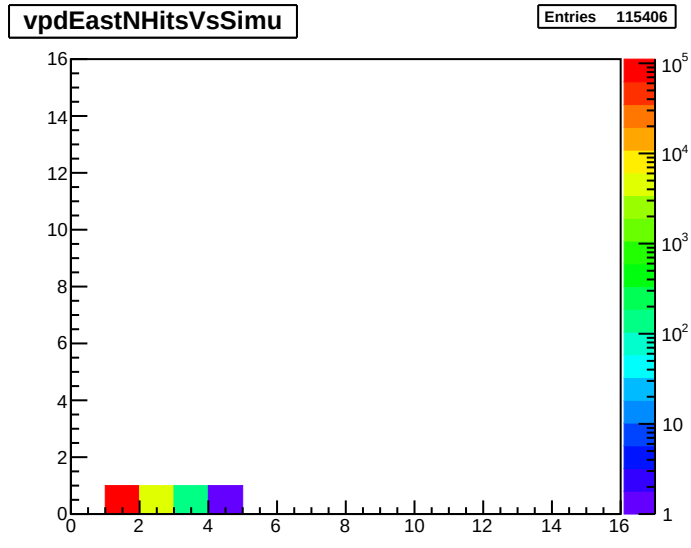

bbcLargeHit
Entries 6164726
2.53001e+06
2.37412e+06
552349
708241
1
0
E-Hit
W-Hit
10^6

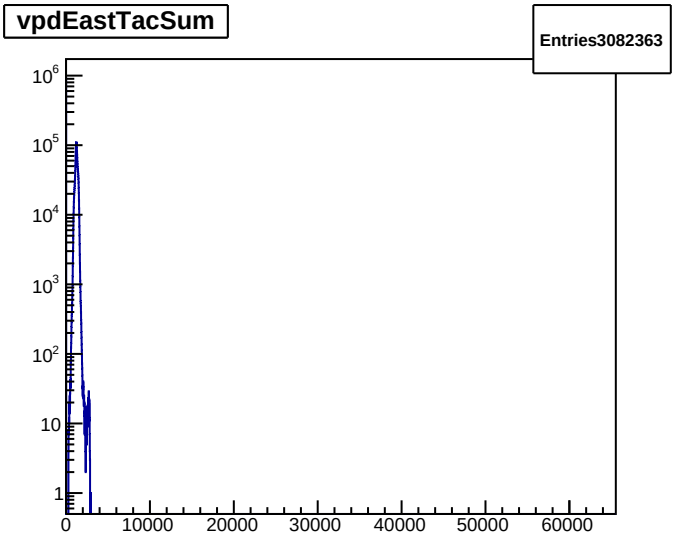

bbcLargeEastHitSimu
Entries 118
58
60
1
0
-1
E-Hit
W-Hit
10
1
10^{-1}

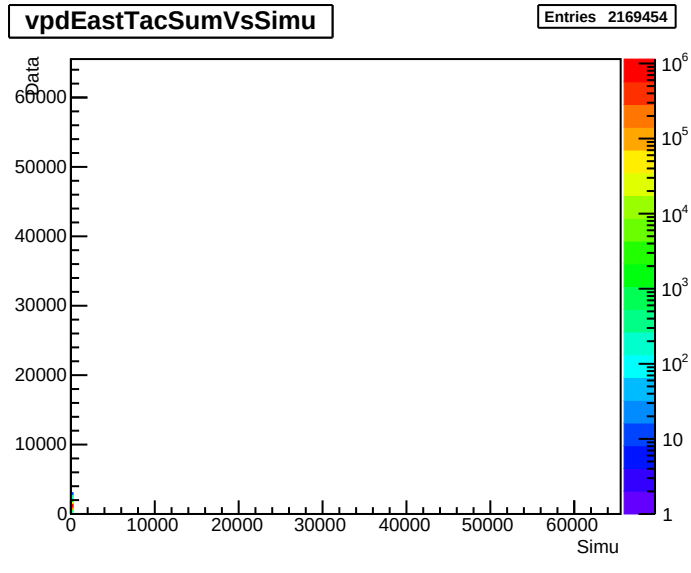

vpdEastAdcSum
Entries3082363

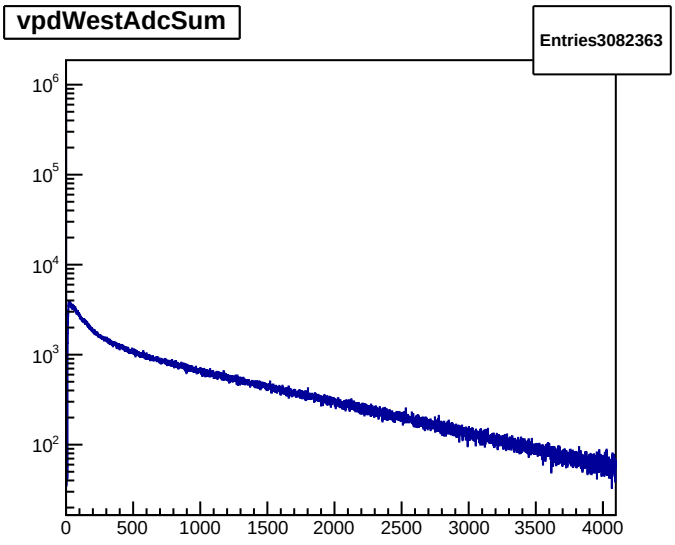

vpdEastAdcSumVsSimu
Entries 2169365
Data
Simu

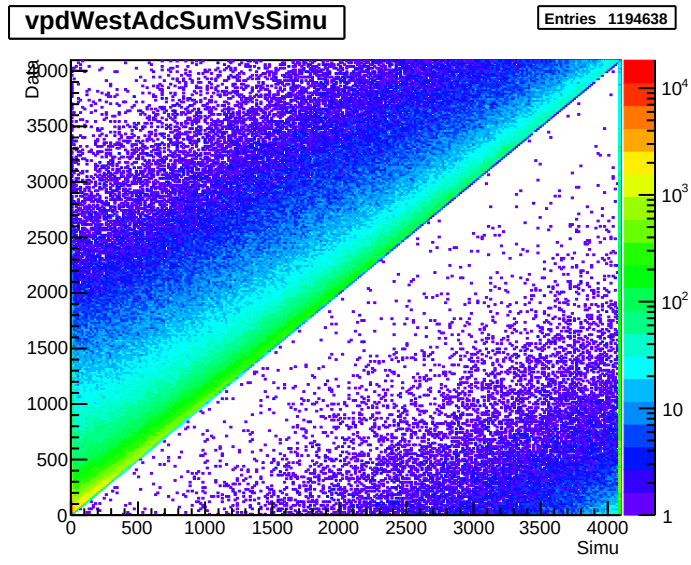

vpdEastNHits
Entries3082363

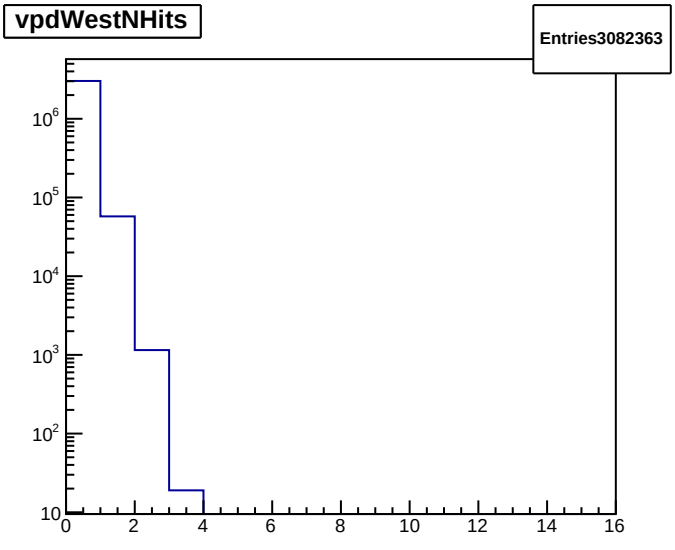

vpdEastNHitsVsSimu
Entries 115406

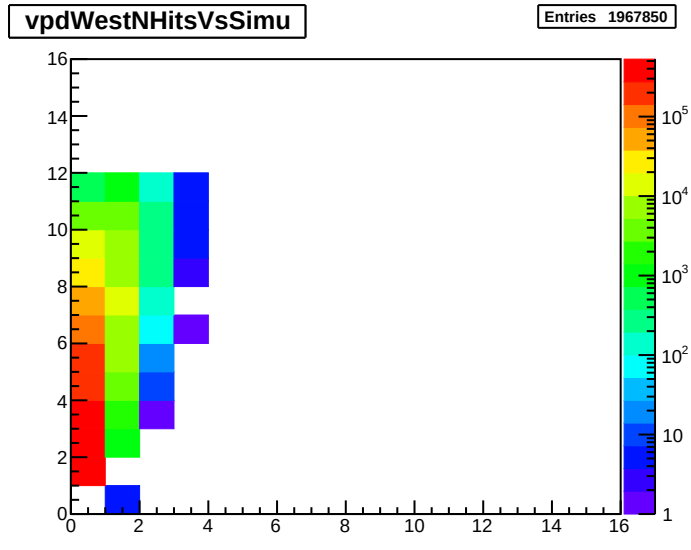

vpdEastTacSum
Entries3082363

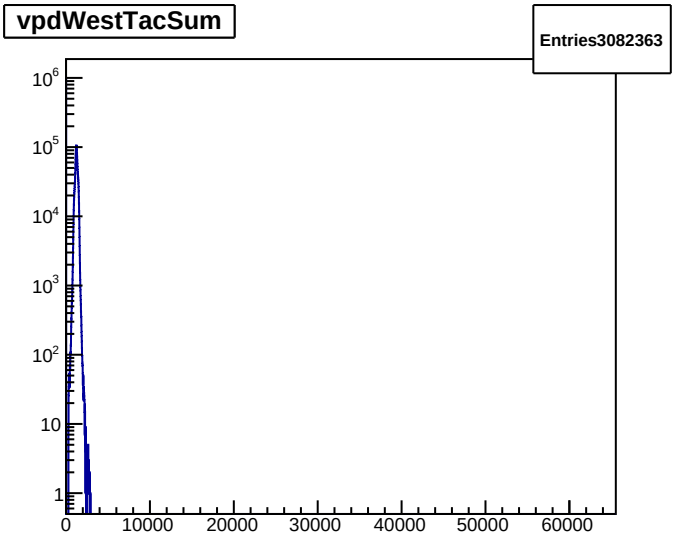

vpdEastTacSumVsSimu
Entries 2169454
Data
Simu

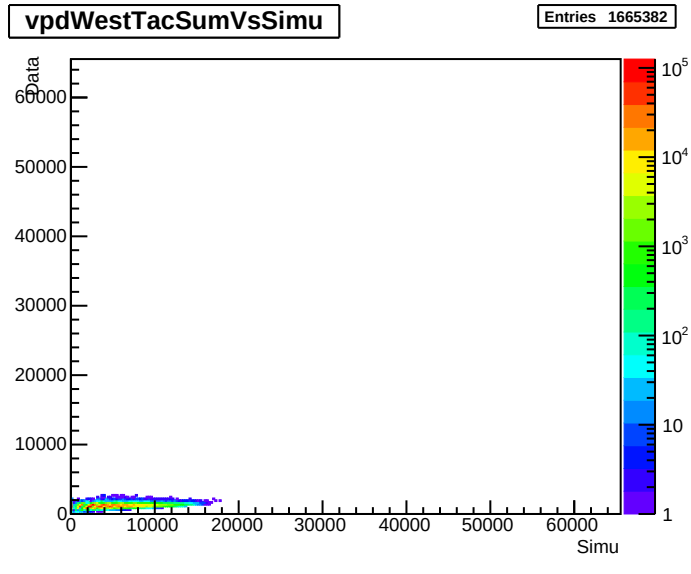

vpdWestAdcSum
Entries3082363

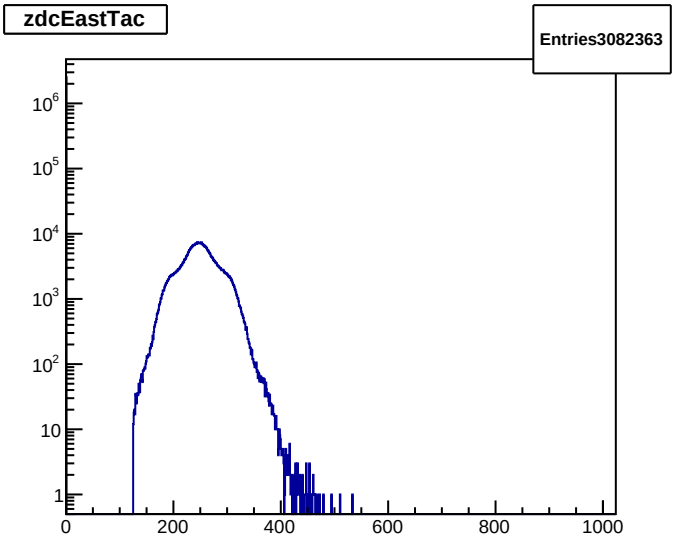

vpdWestAdcSumVsSimu
Entries 1194638
Data
Simu

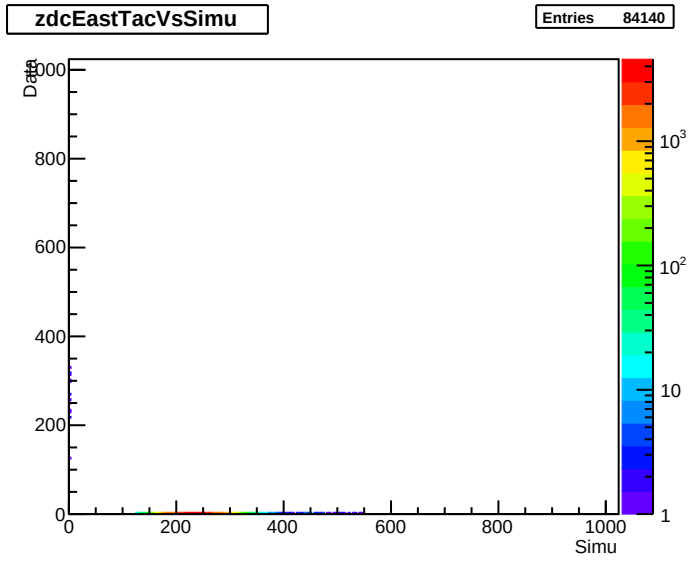

vpdWestNHits
Entries3082363

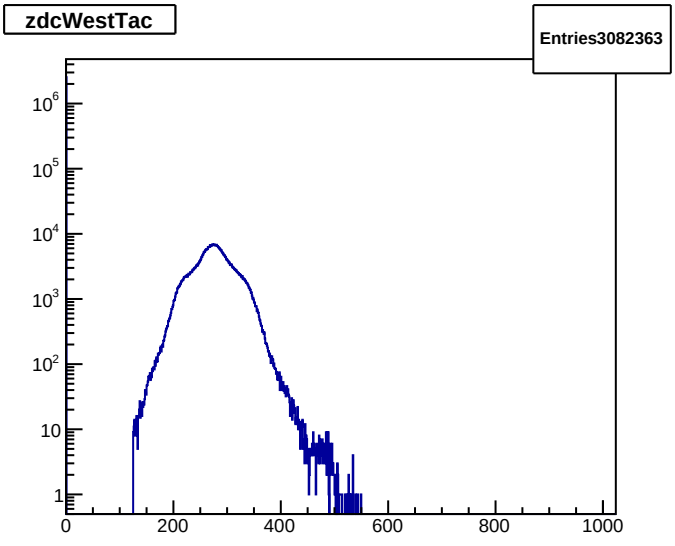

vpdWestNHitsVsSimu
Entries 1967850

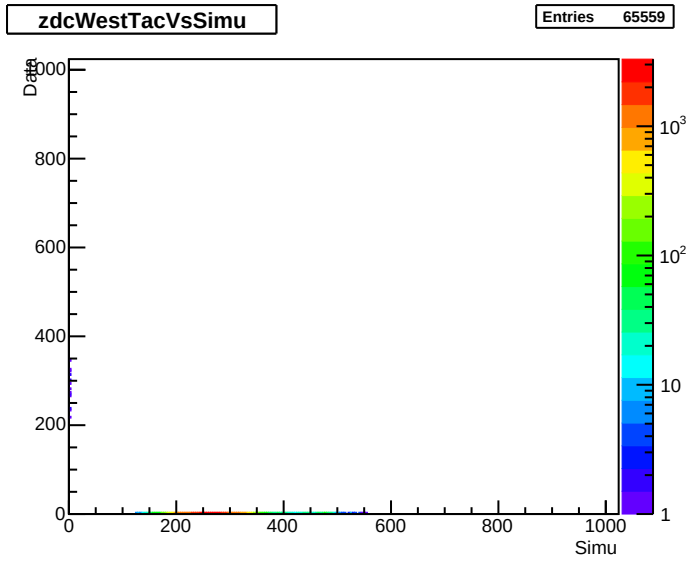

vpdWestTacSum
Entries3082363

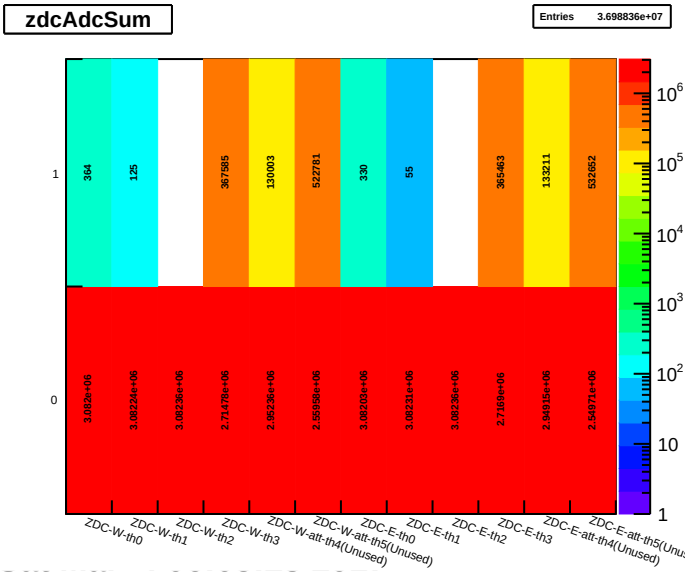

vpdWestTacSumVsSimu
Entries 1665382
Data
Simu

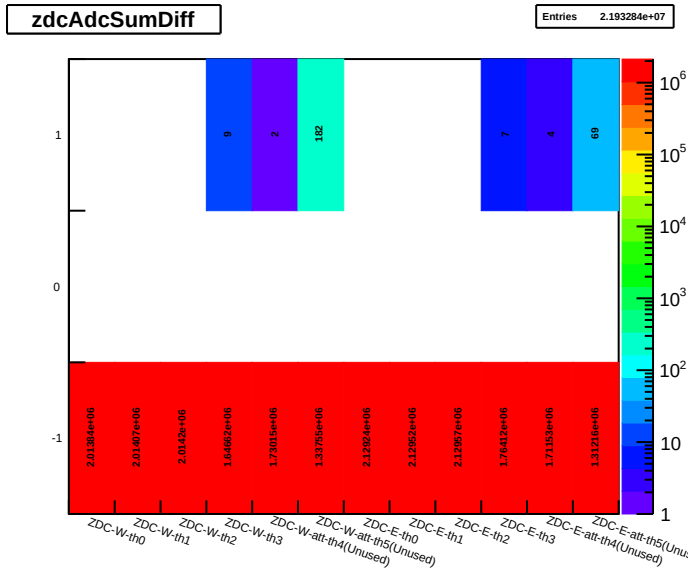

zdcEastTac
Entries3082363

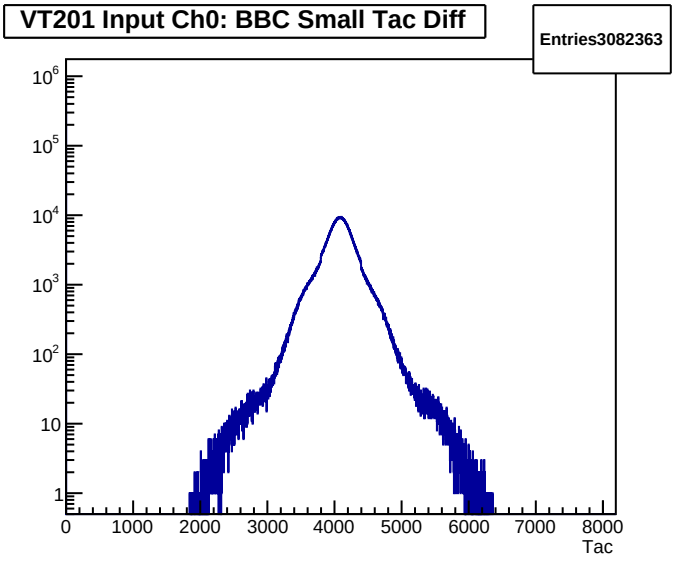

zdcEastTacVsSimu
Entries 84140
Data
Simu

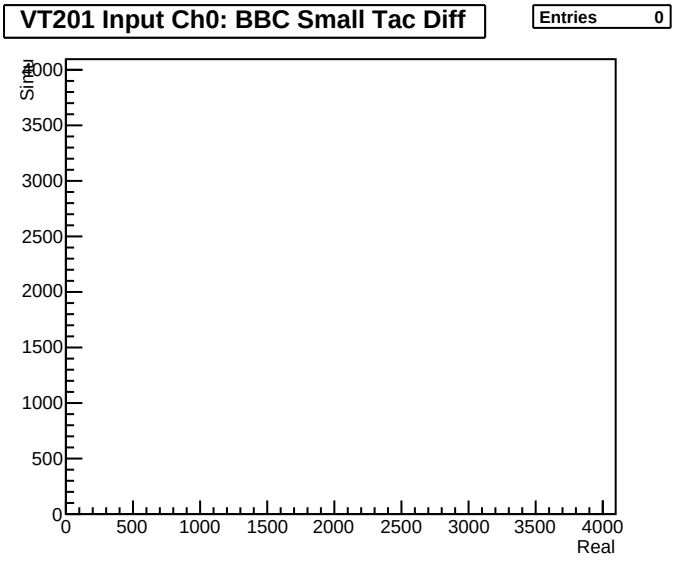

zdcWestTac
Entries3082363

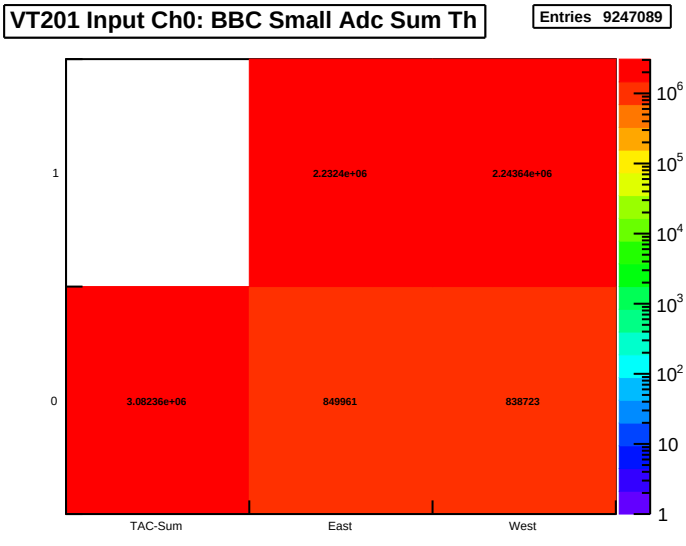

zdcWestTacVsSimu
Entries 65559
Data
Simu

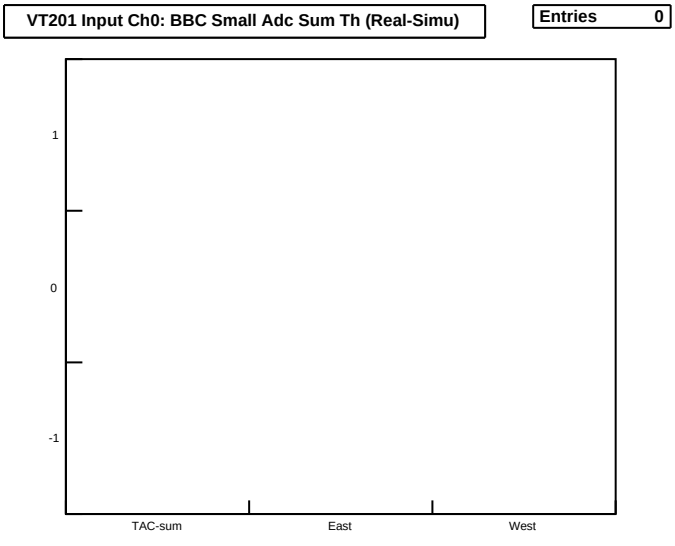

zdcAdcSum
Entries 3.698836e+07
364
125
367585
130003
522781
330
55
365463
133211
532652
3.0826e+06
3.09224e+06
3.09236e+06
2.71478e+06
2.95236e+06
2.55958e+06
3.06203e+06
3.09231e+06
3.09236e+06
2.7169e+06
2.94915e+06
2.54971e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

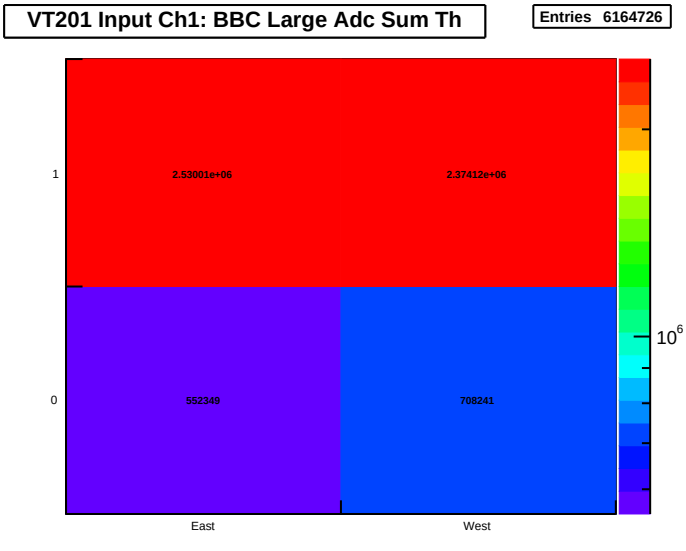

zdcAdcSumDiff
Entries 2.193284e+07
9
2
182
7
4
69
2.01394e+06
2.01407e+06
2.0142e+06
1.64662e+06
1.73015e+06
1.33755e+06
2.12924e+06
2.12952e+06
2.12957e+06
1.76412e+06
1.71153e+06
1.31216e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

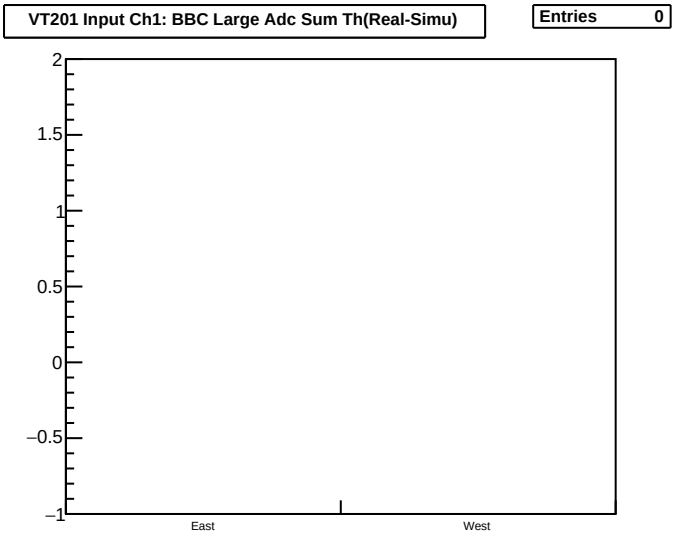

VT201 Input Ch0: BBC Small Tac Diff
Entries3082363
Tac


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

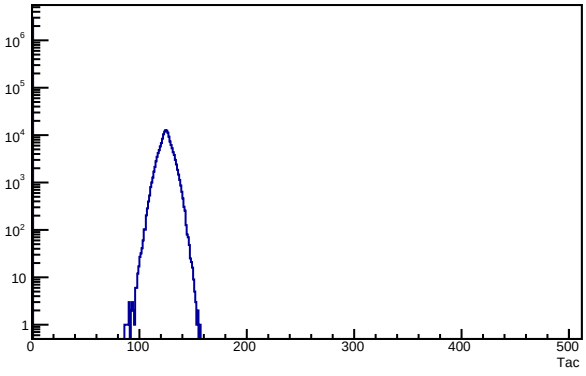

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 9247089
2.2324e+06
2.24364e+06
3.08236e+06
849961
838723
TAC-Sum
East
West


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

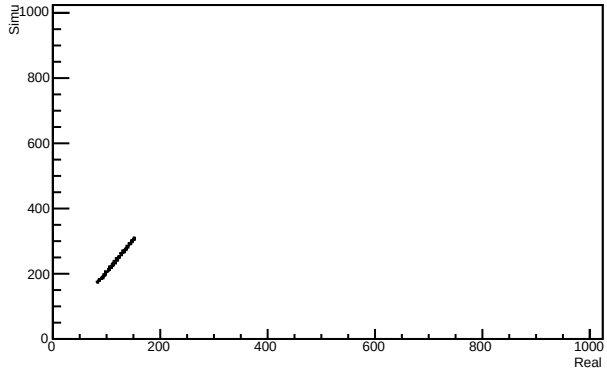

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 6164726
2.53001e+06
2.37412e+06
552349
708241
East
West


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

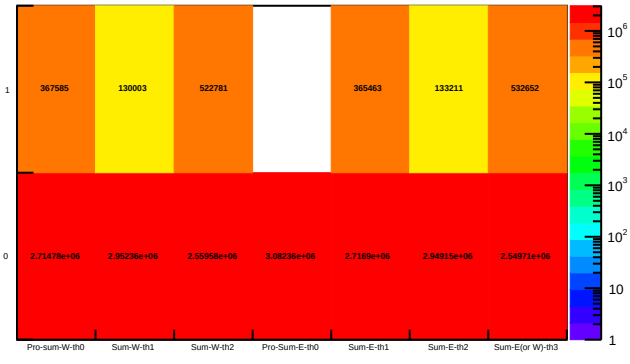
VT201 Input Ch2: ZDC Tac Diff



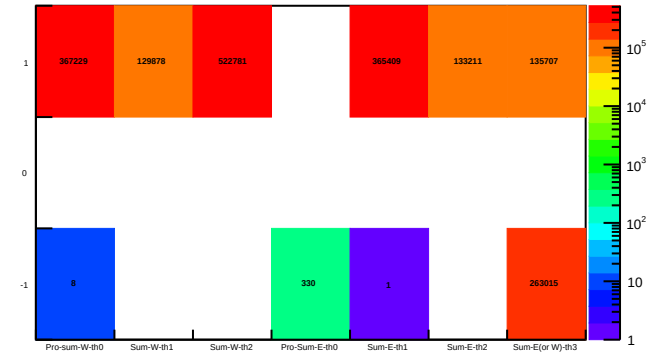
VT201 Input Ch2: ZDC Tac Diff



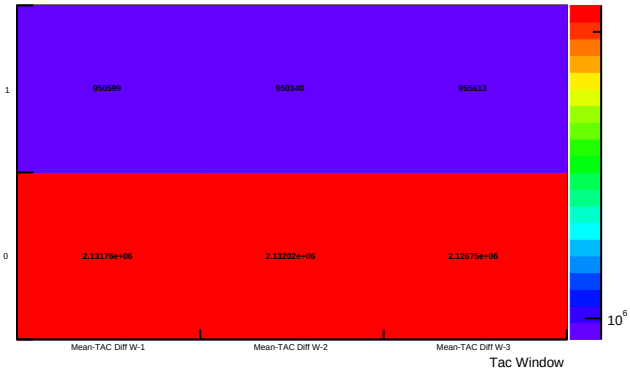
VT201 Input Ch2: ZDC Adc Sum Th



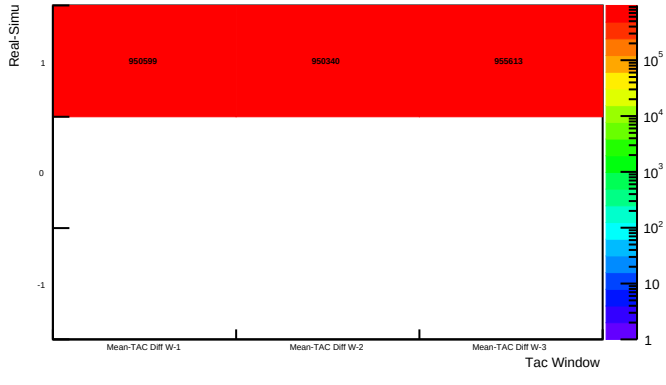
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



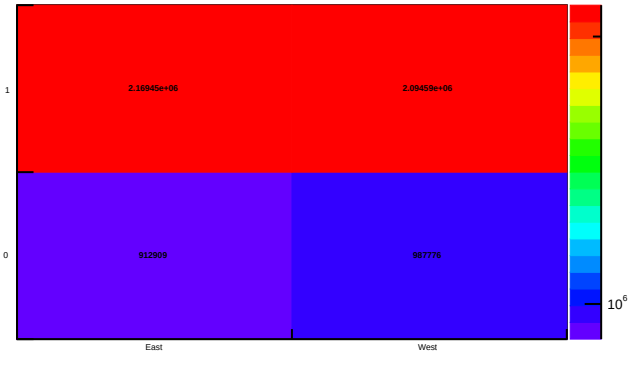
VT201 Input Ch4: VPD Tac Diff



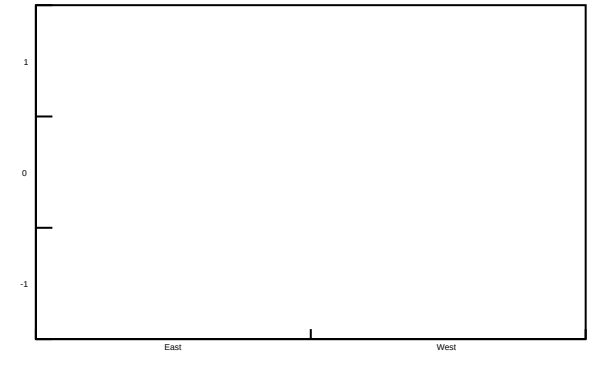
VT201 Input Ch4: VPD Tac Diff

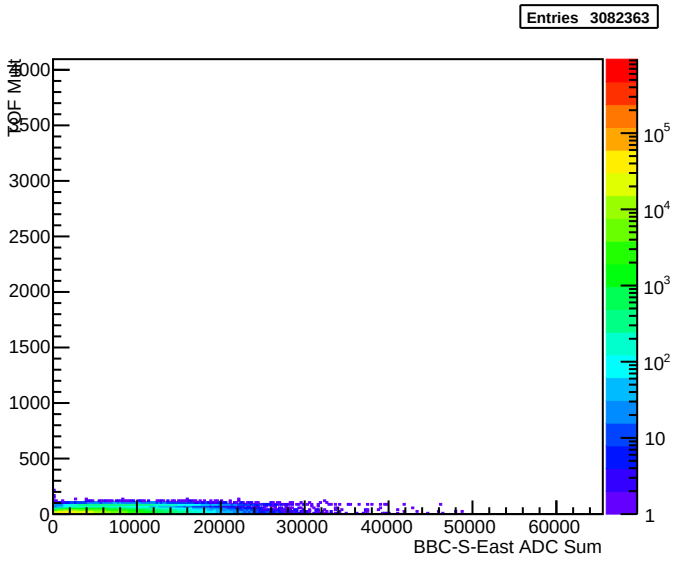


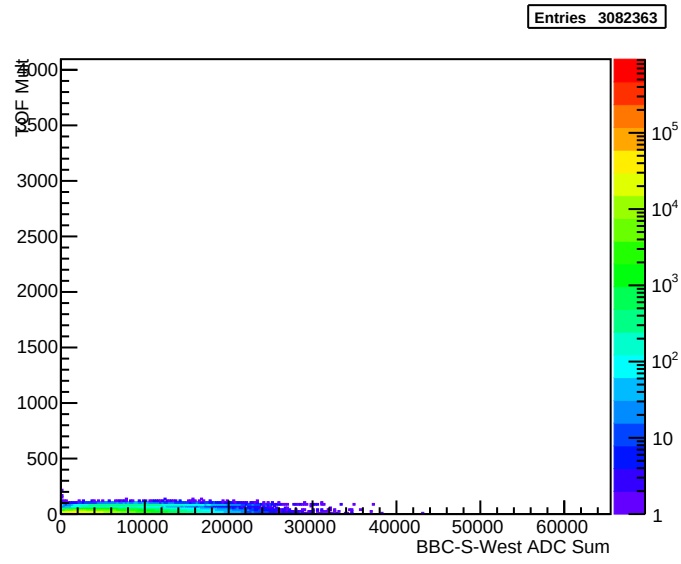
VT201 Input Ch4: VPD Adc Sum Th

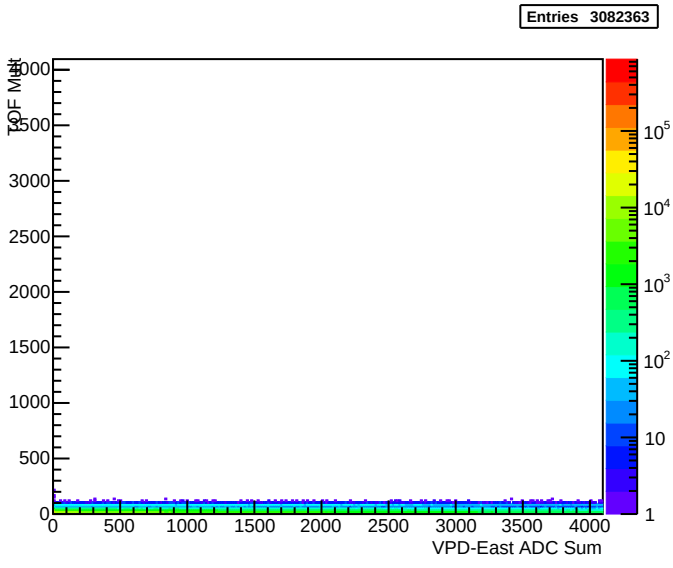


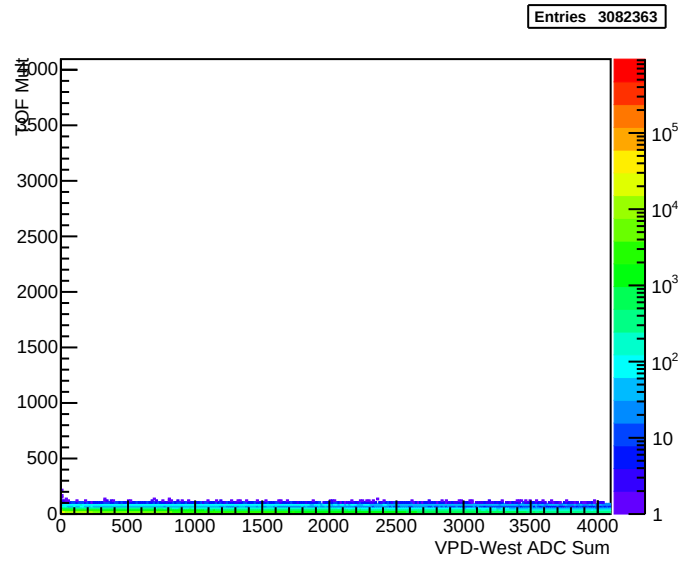
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

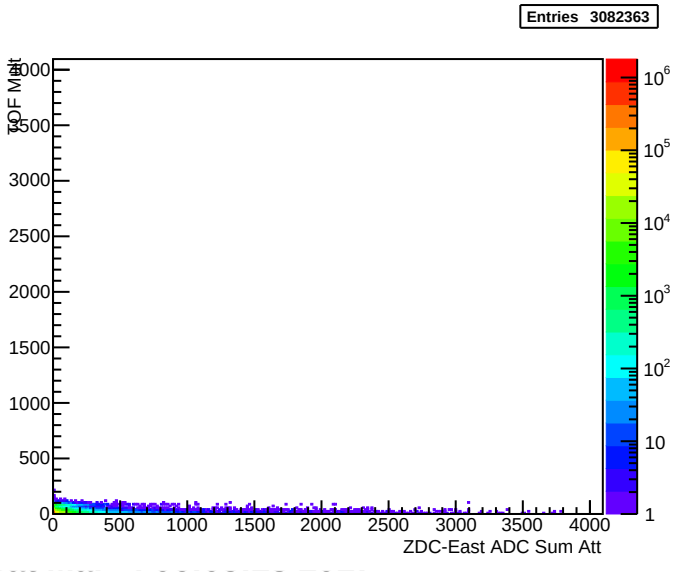


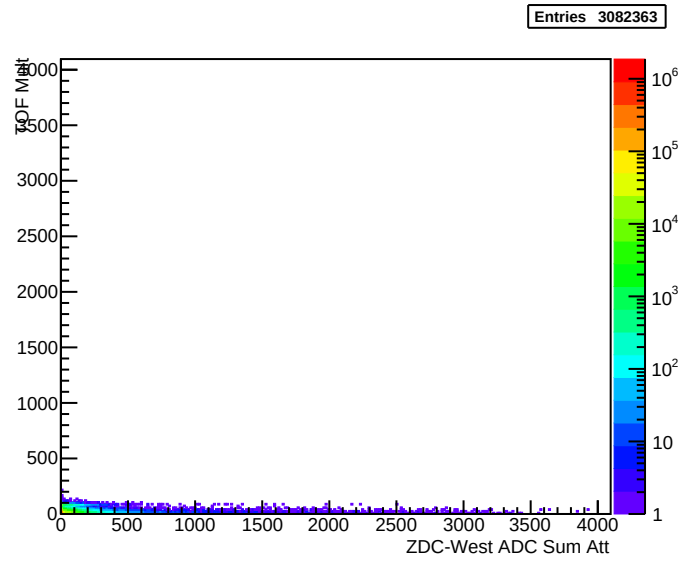

Entries 3082363
TOF Mult
BBC-S-East ADC Sum

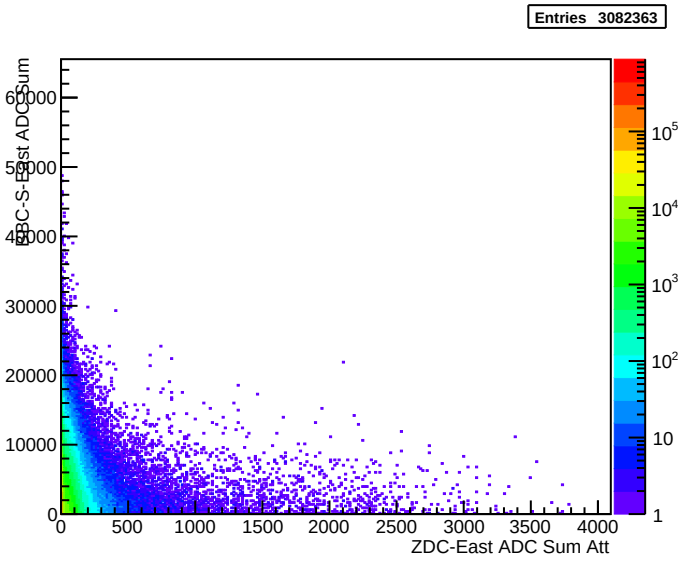

Entries 3082363
TOF Mult
BBC-S-West ADC Sum

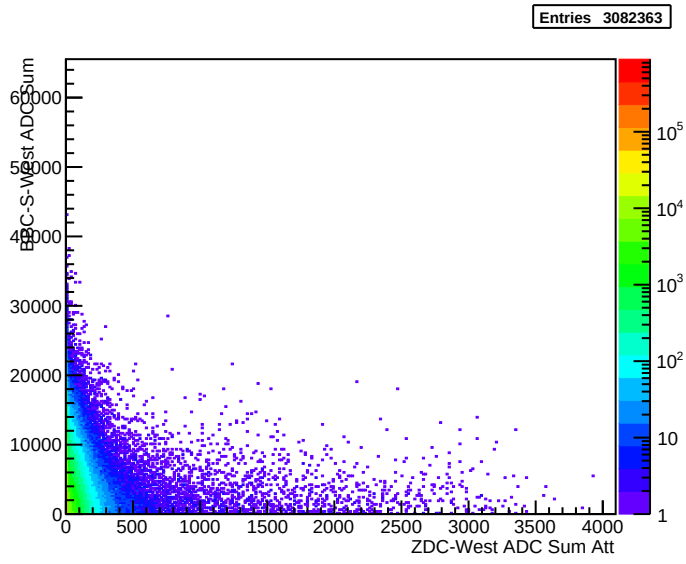

Entries 3082363
TOF Mult
VPD-East ADC Sum

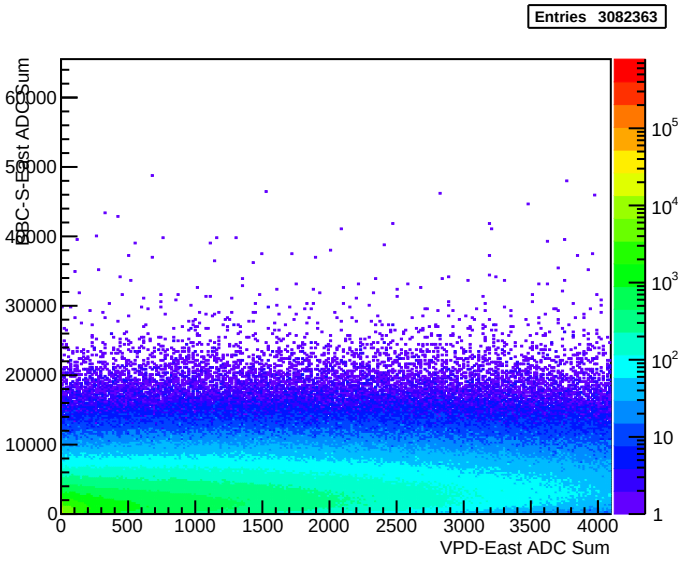

Entries 3082363
TOF Mult
VPD-West ADC Sum

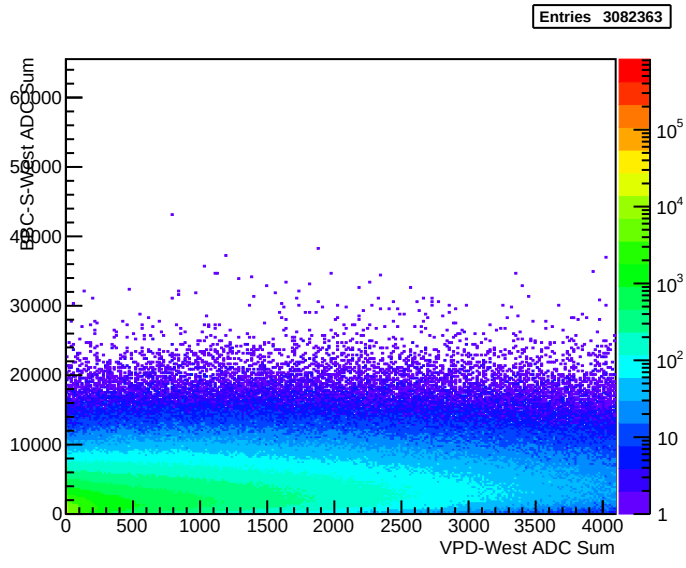

Entries 3082363
TOF Mult
ZDC-East ADC Sum Att

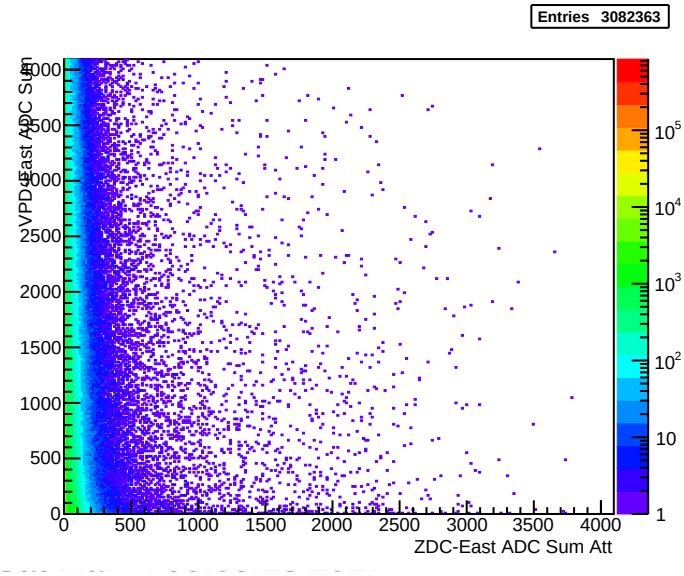

Entries 3082363
TOF Mult
ZDC-West ADC Sum Att

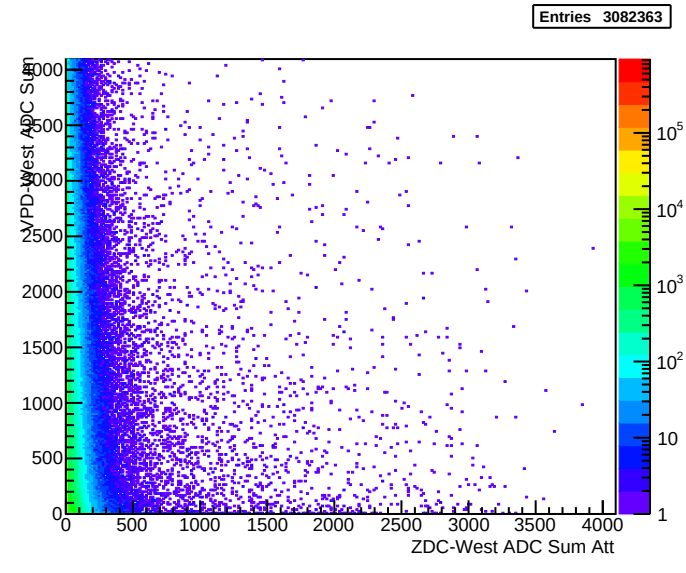

Entries 3082363
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

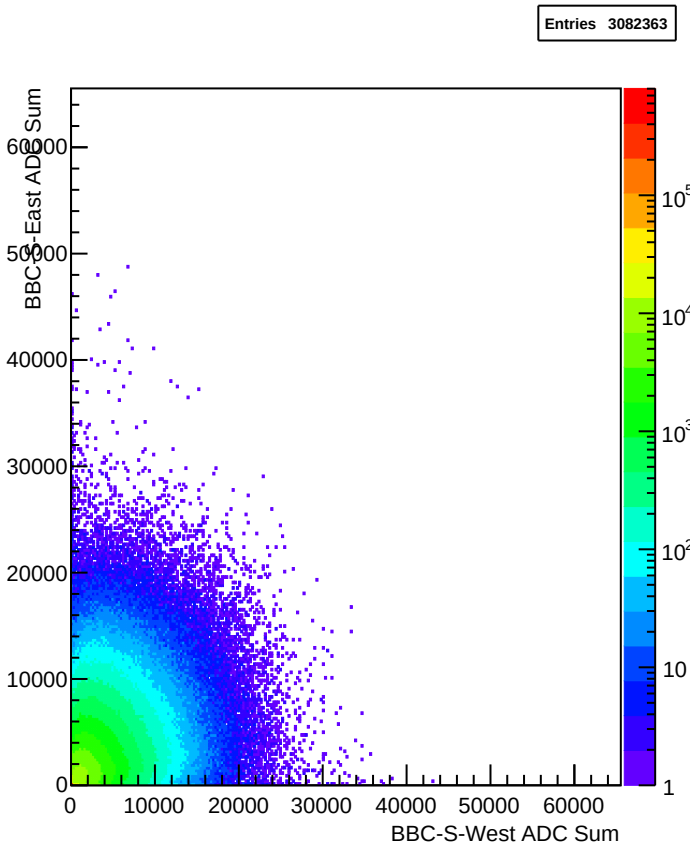

Entries 3082363
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

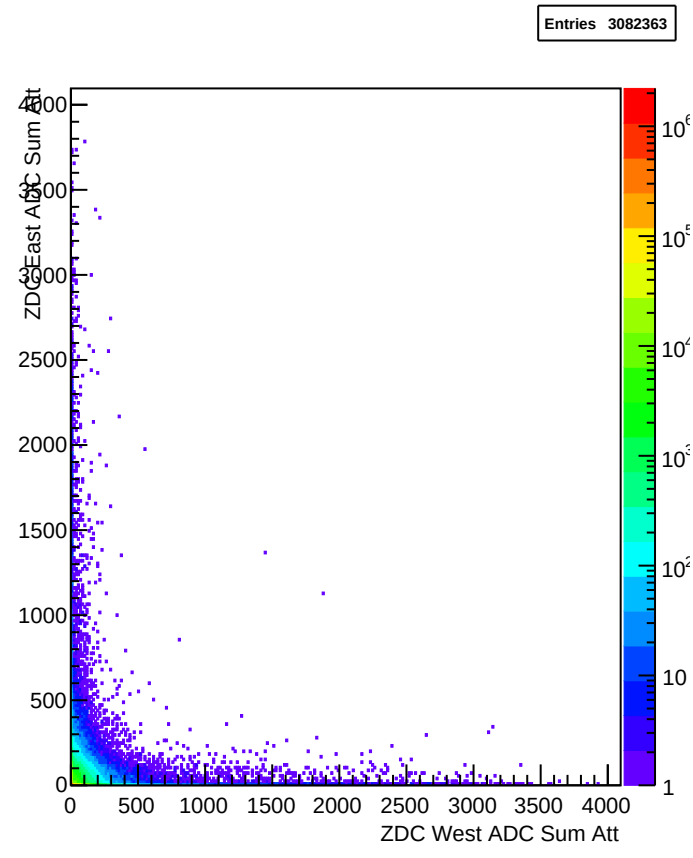

Entries 3082363
BBC-S-East ADC Sum
VPD-East ADC Sum

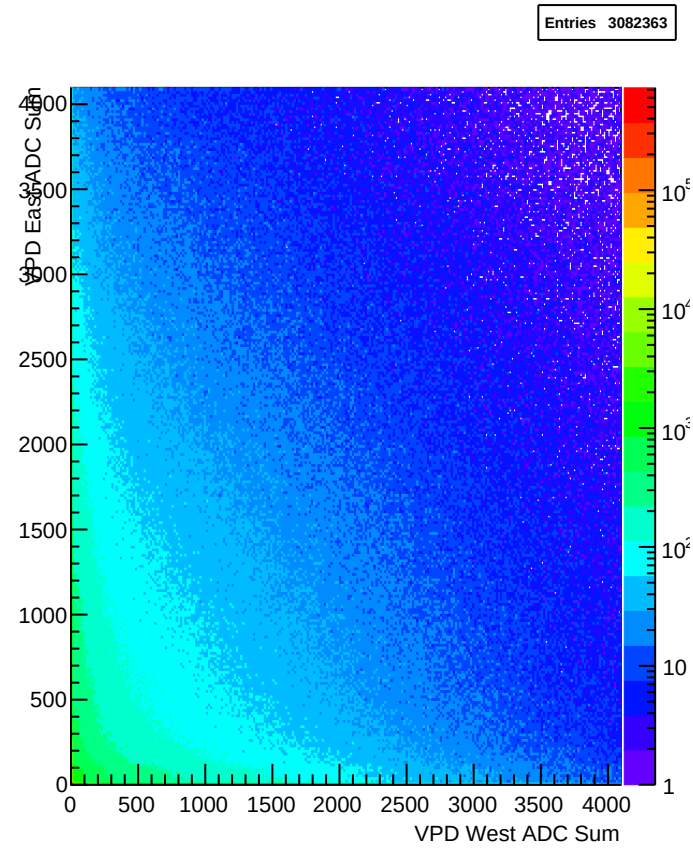

Entries 3082363
BBC-S-West ADC Sum
VPD-West ADC Sum

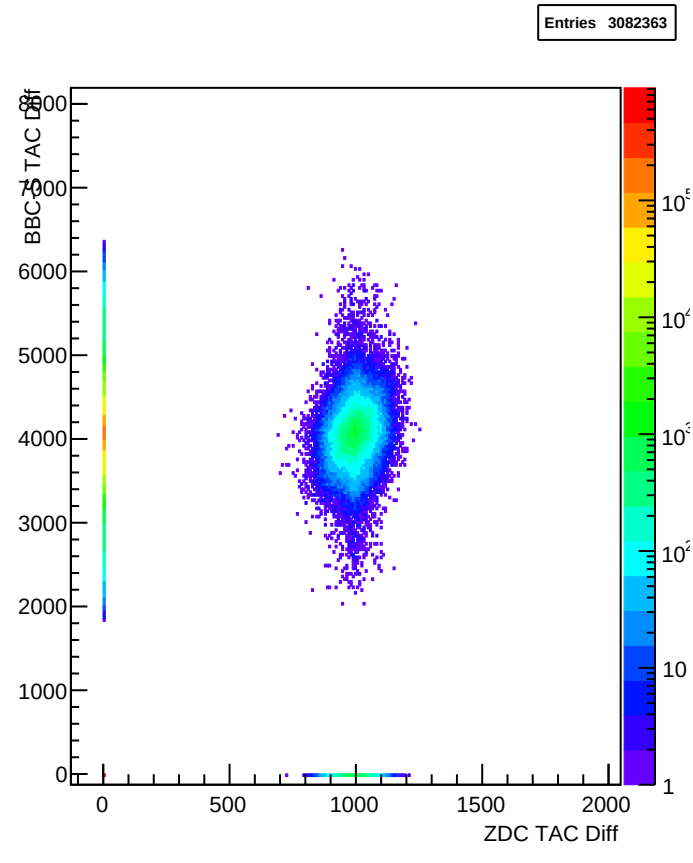

Entries 3082363
VPD-East ADC Sum
ZDC-East ADC Sum Att

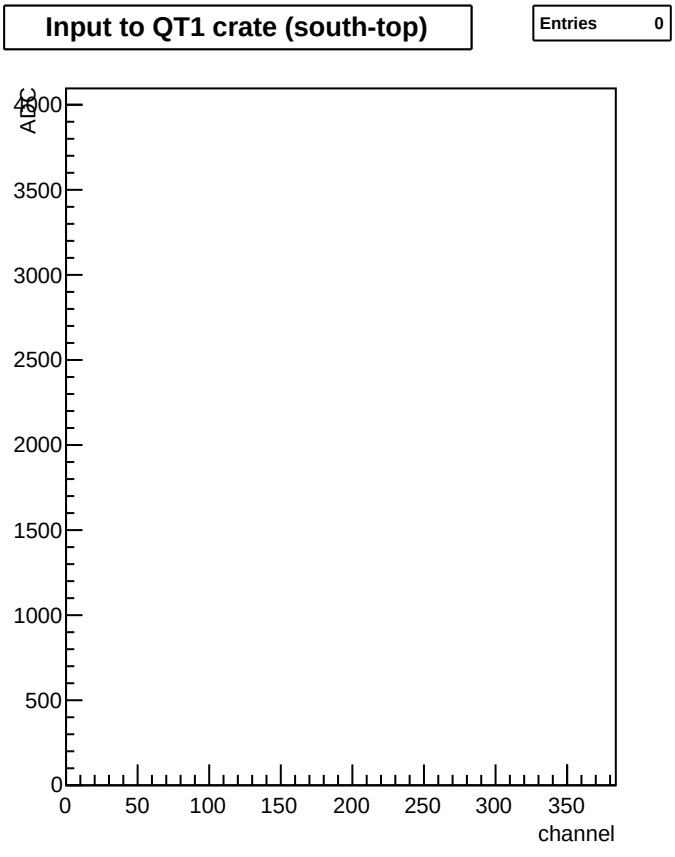

Entries 3082363
VPD-West ADC Sum
ZDC-West ADC Sum Att

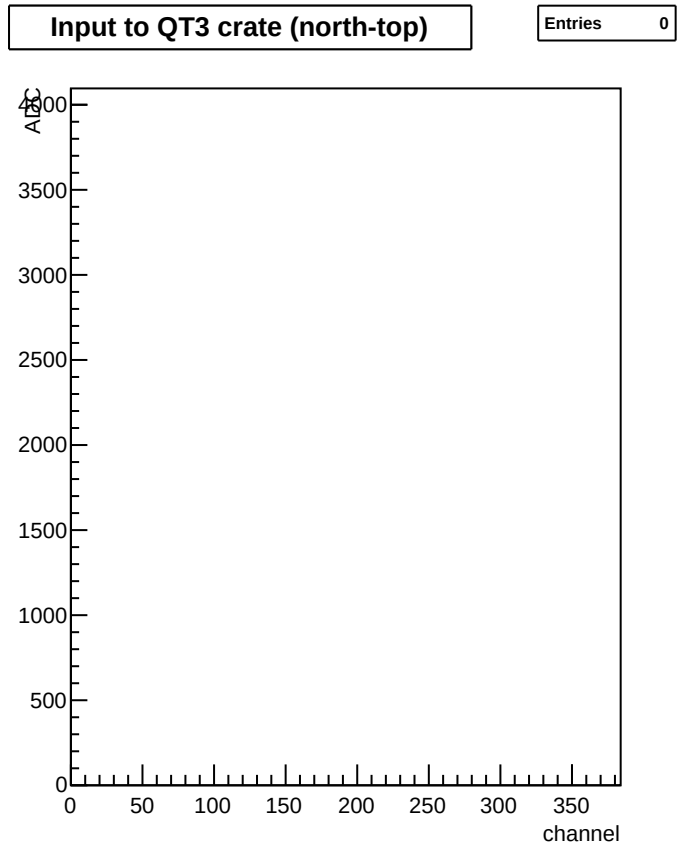

Entries 3082363
BBC-S-East ADC Sum
BBC-S-West ADC Sum

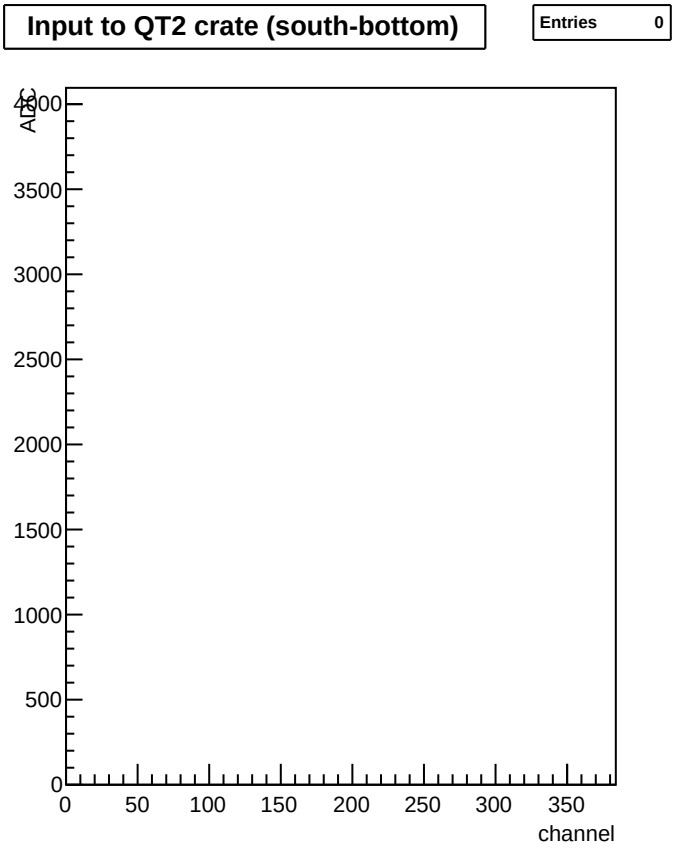

Entries 3082363
ZDC East ADC Sum Att
ZDC West ADC Sum Att

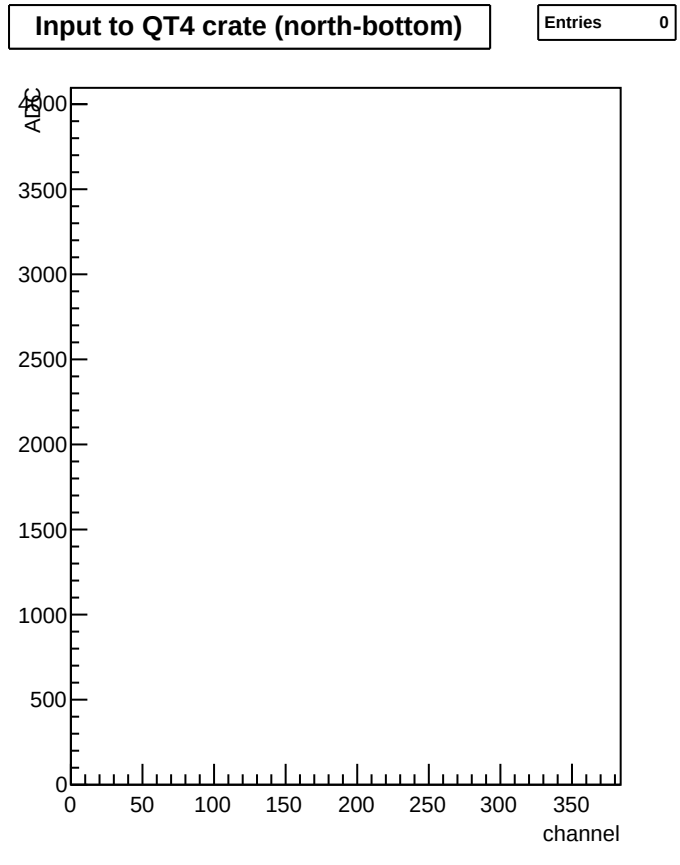

Entries 3082363
VPD East ADC Sum
VPD West ADC Sum

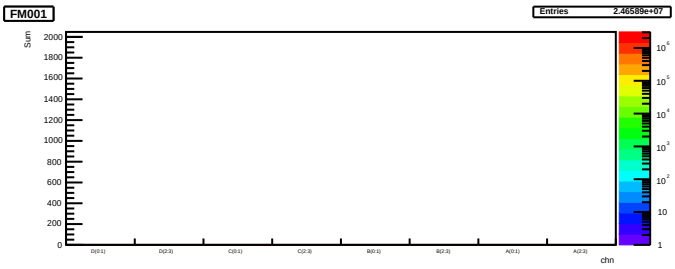

Entries 3082363
BBC-S TAC Diff
ZDC TAC Diff

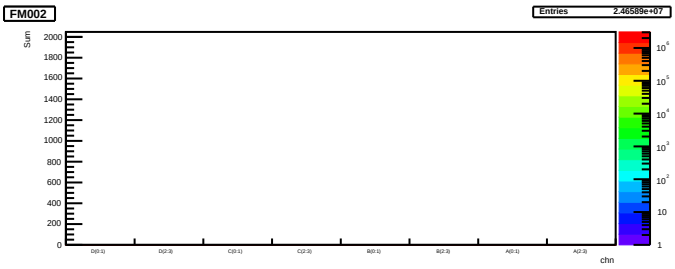

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

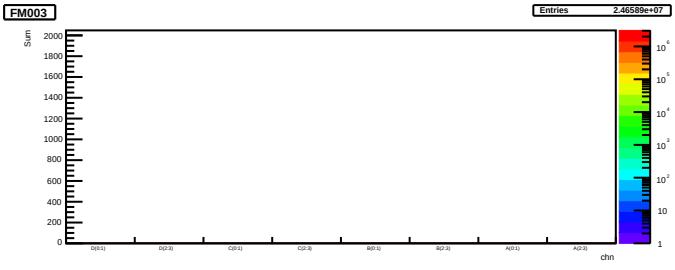

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

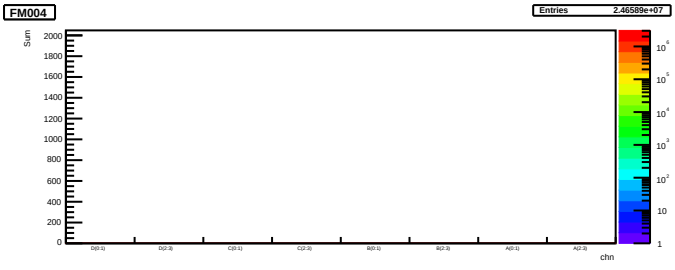

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

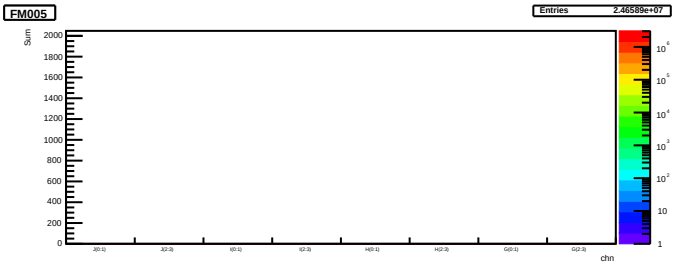

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

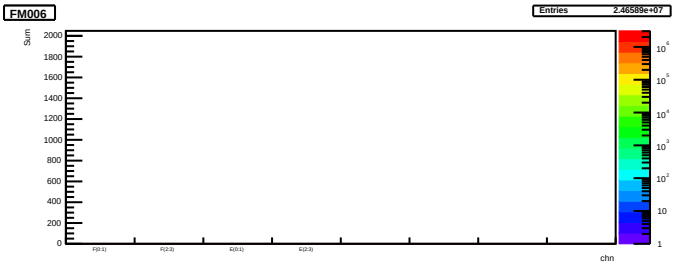

FM001
Entries 2.46589e+07
Sum
chn

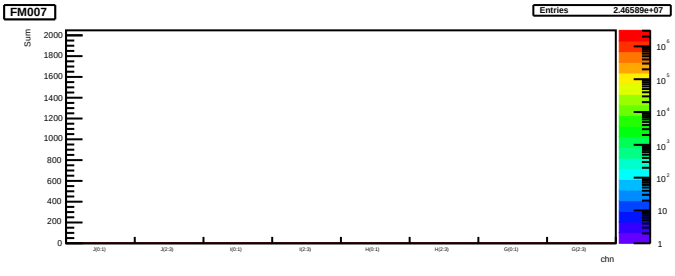

FM002
Entries 2.46589e+07
Sum
chn

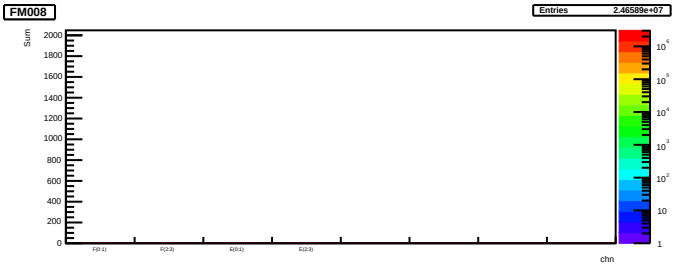

FM003
Entries 2.46589e+07
Sum
chn

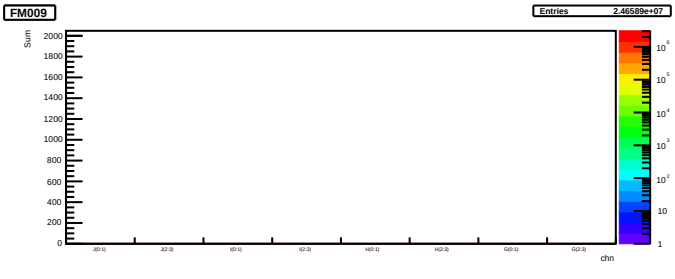

FM004
Entries 2.46589e+07
Sum
chn

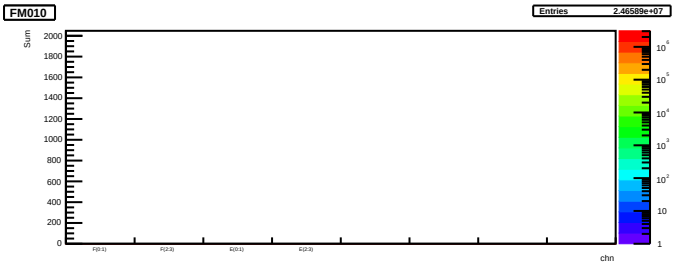

FM005
Entries 2.46589e+07
Sum
chn

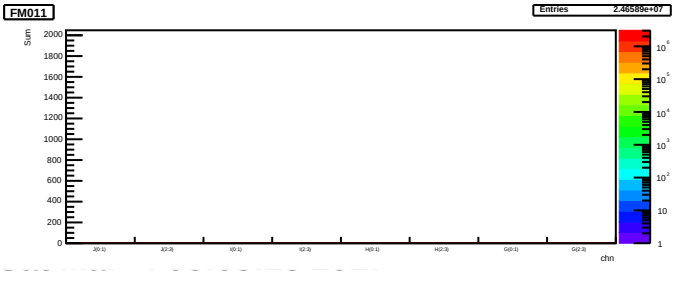

FM006
Entries 2.46589e+07
Sum
chn

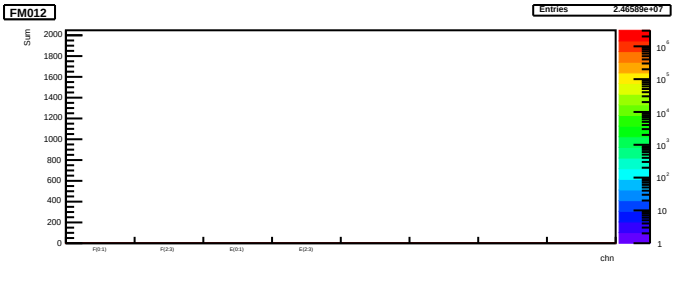

FM007
Entries 2.46589e+07
Sum
chn

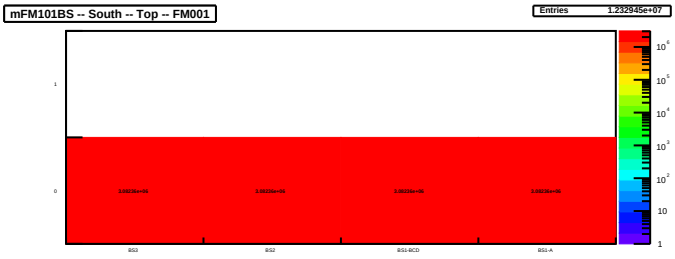

FM008
Entries 2.46589e+07
Sum
chn

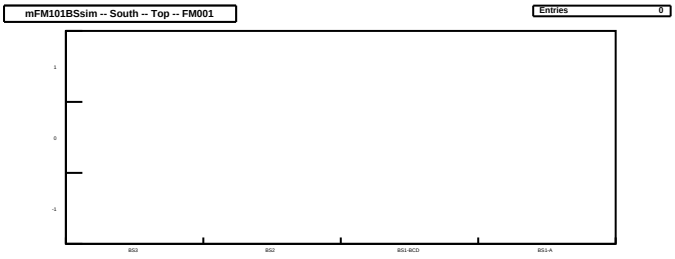

FM009
Entries 2.46589e+07
Sum
chn

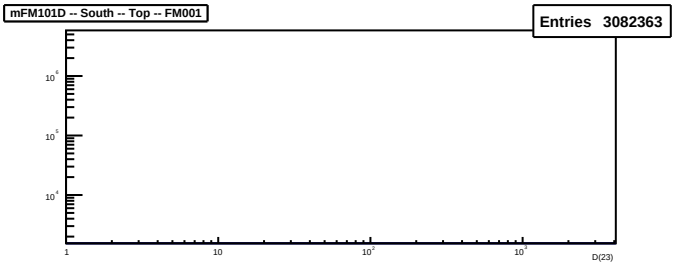

FM010
Entries 2.46589e+07
Sum
chn

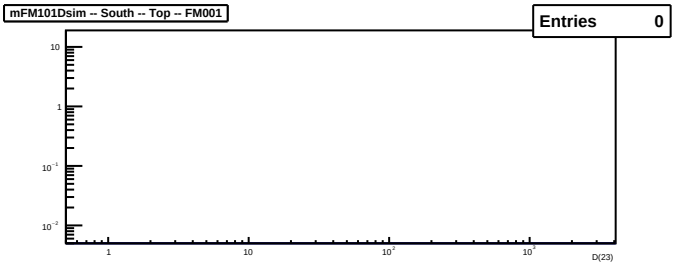

FM011
Entries 2.46589e+07
Sum
chn

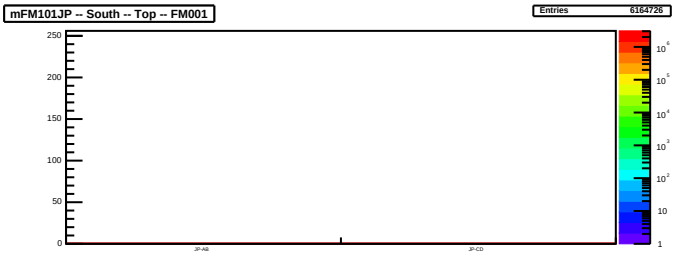

FM012
Entries 2.46589e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 1.232945e+07
BS3
BS2
BS1-BCD
BS1-A

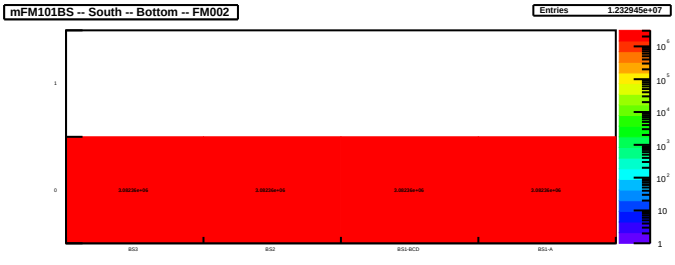

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

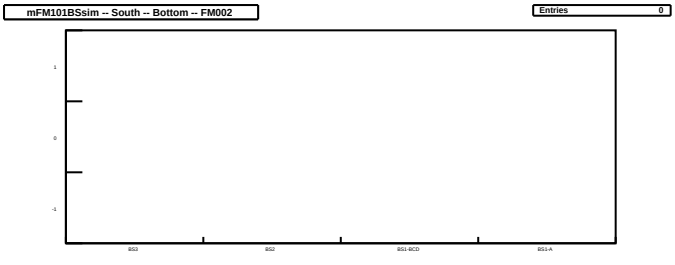

mFM101D -- South -- Top -- FM001
Entries 3082363
D(23)

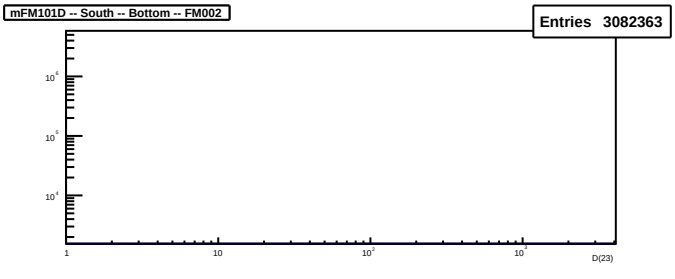

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

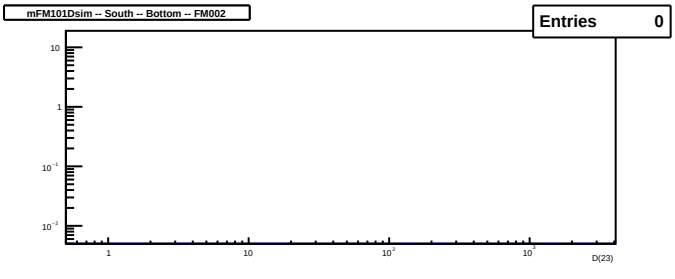

mFM101JP -- South -- Top -- FM001
Entries 6164726
JP-AB
JP-CD

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 1.232945e+07
BS3
BS2
BS1-BCD
BS1-A

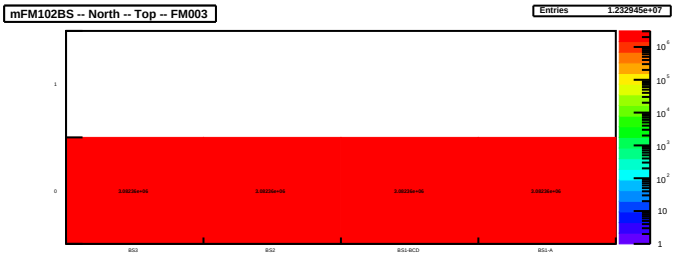

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 3082363
D(23)

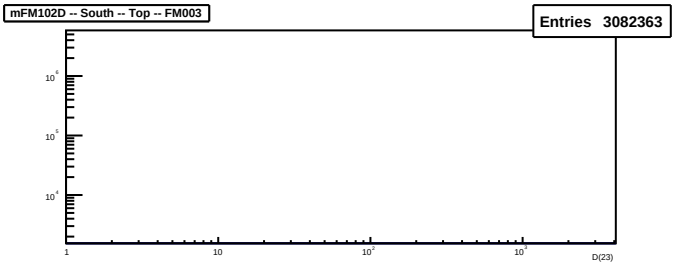

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 6164726
JP-AB
JP-CD

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


mFM102BS -- North -- Top -- FM003
Entries 1.232945e+07
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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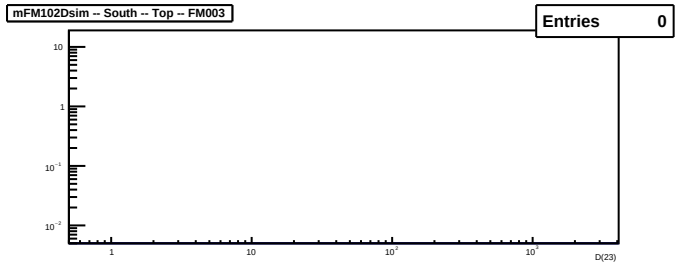
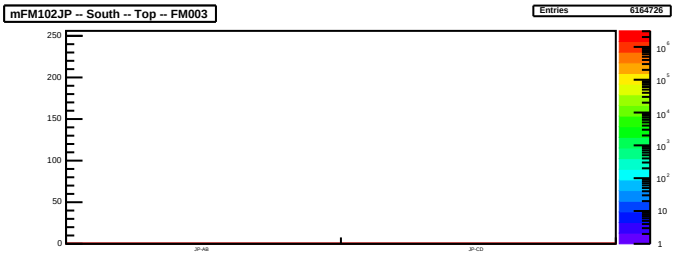
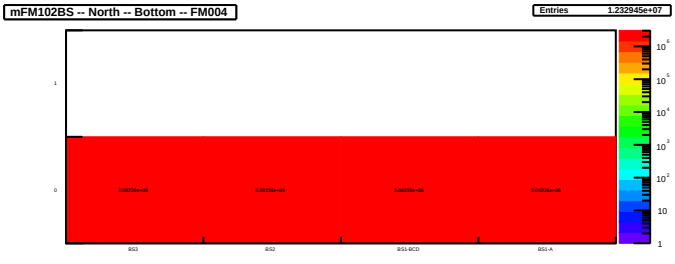
Entries 3082363
D(23)

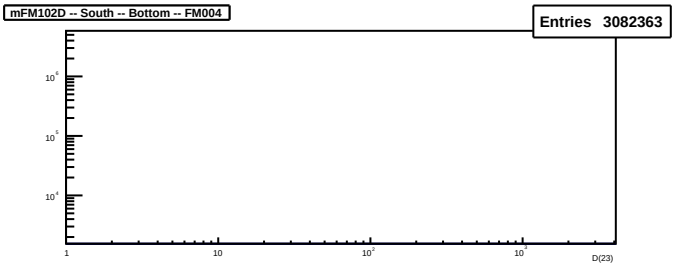

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 6164726
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 1.232945e+07
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A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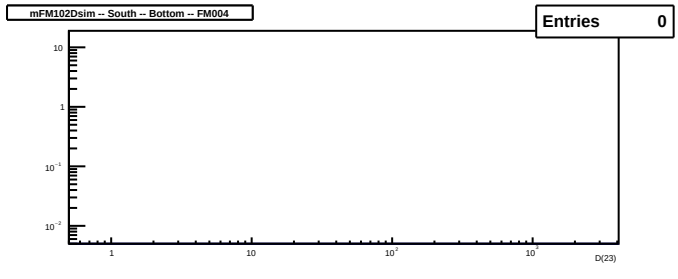
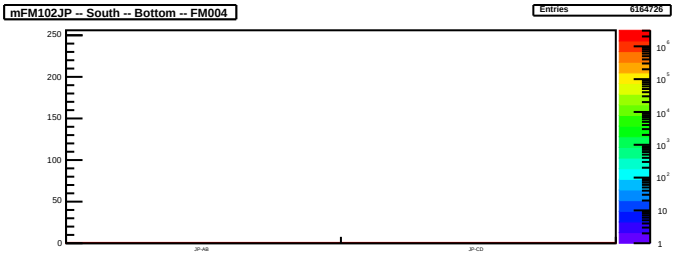
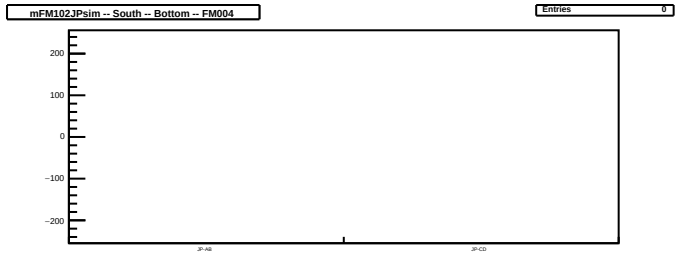
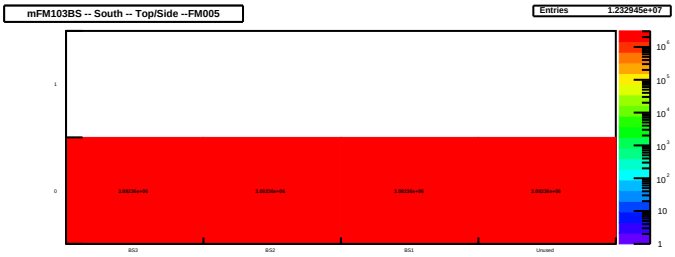
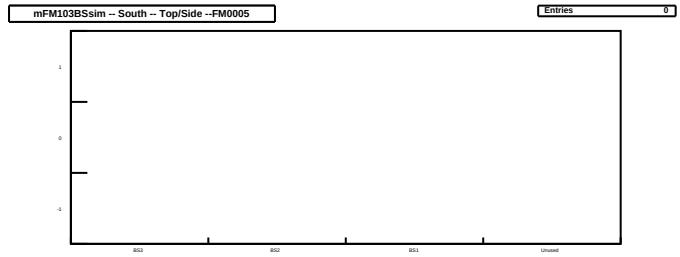
Entries 3082363
D(23)

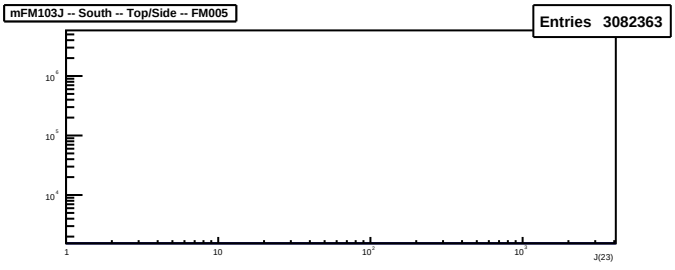

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

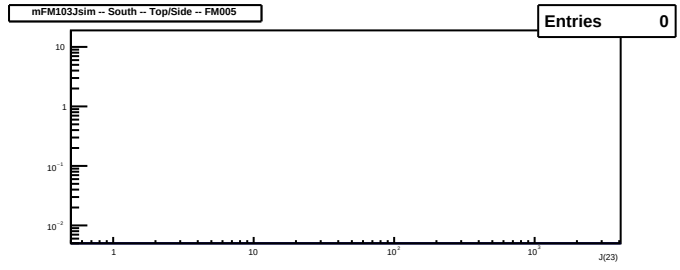

mFM102JP -- South -- Bottom -- FM004
Entries 6164726
JP-AB
JP-CD

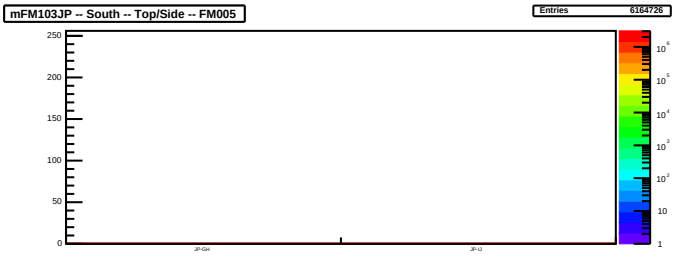

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 1.232945e+07
BS3
BS2
BS1
Unused

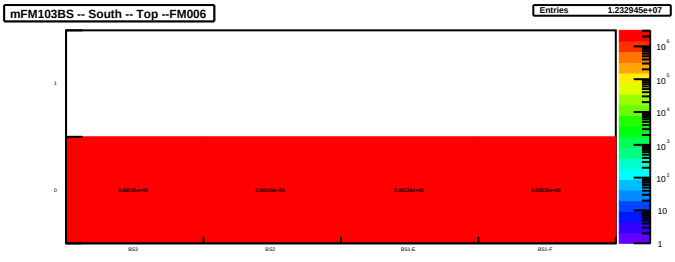

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

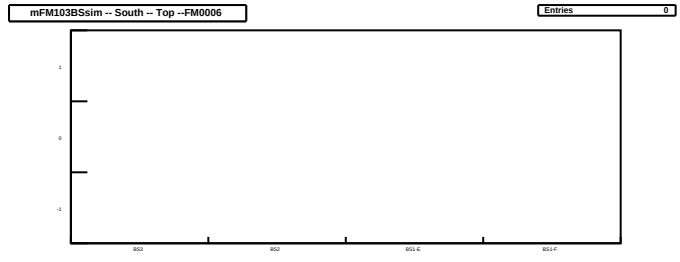

mFM103J -- South -- Top/Side -- FM005
Entries 3082363
J(23)

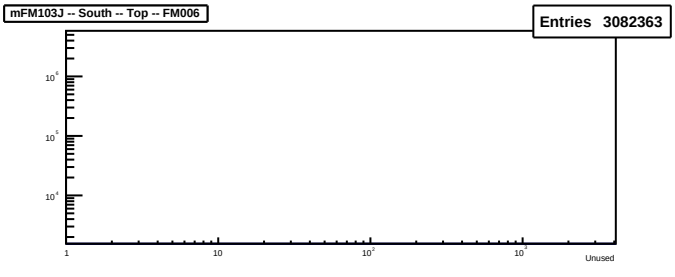

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

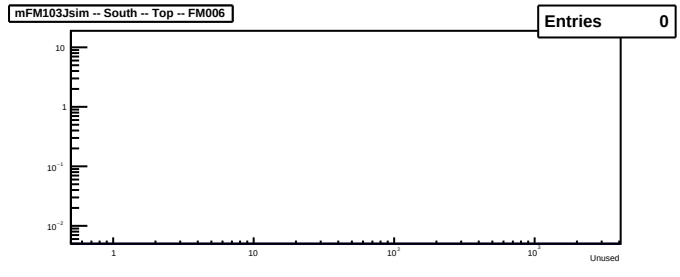

mFM103JP -- South -- Top/Side -- FM005
Entries 6164726
JP-GH
JP-IJ

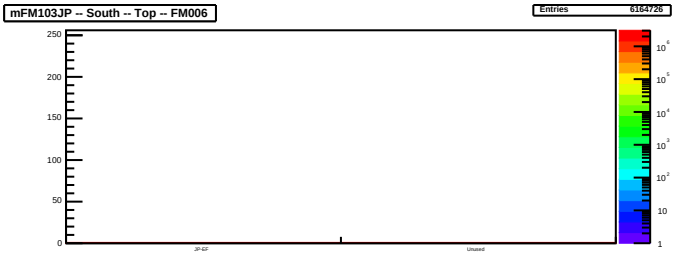
mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

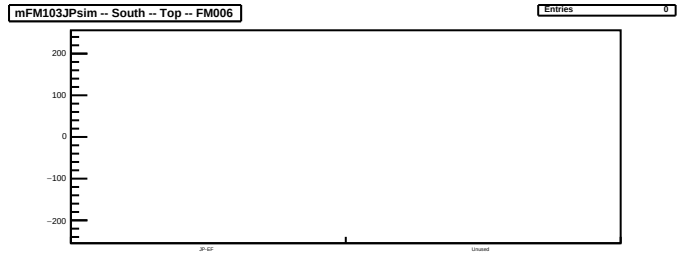

mFM103BS -- South -- Top --FM006
Entries 1.232945e+07
BS3
BS2
BS1-E
BS1-F

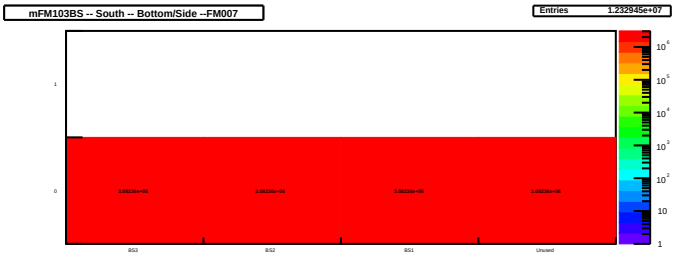

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

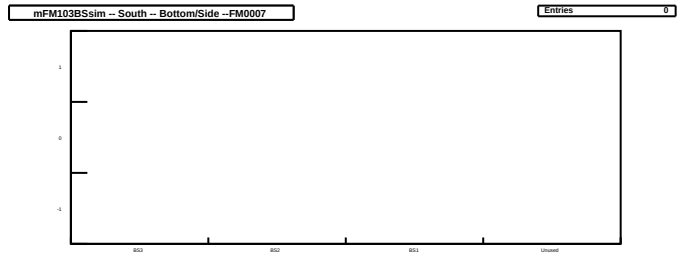

mFM103J -- South -- Top -- FM006
Entries 3082363
Unused

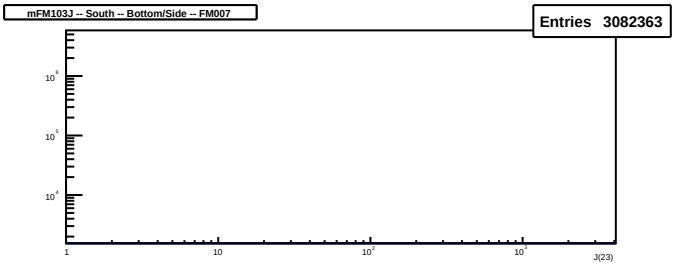

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

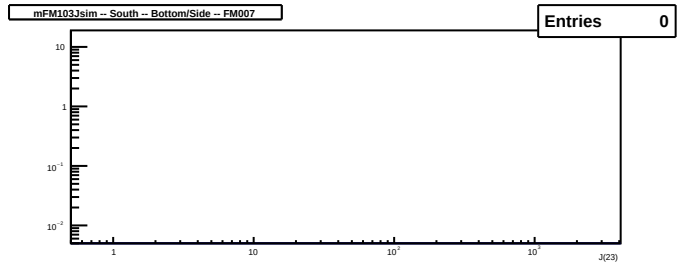

mFM103JP -- South -- Top -- FM006
Entries 6164726
JP-EF
Unused

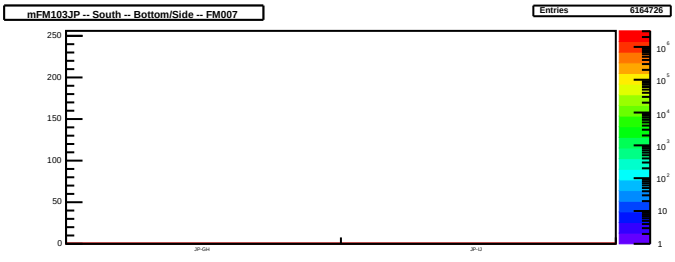

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

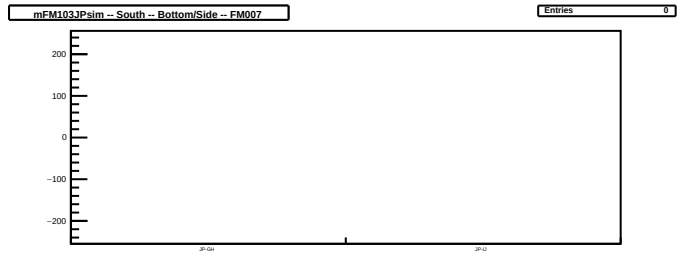

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.232945e+07
3.08236e+06
3.08236e+06
3.08236e+06
3.08236e+06
BS3
BS2
BS1
Unused

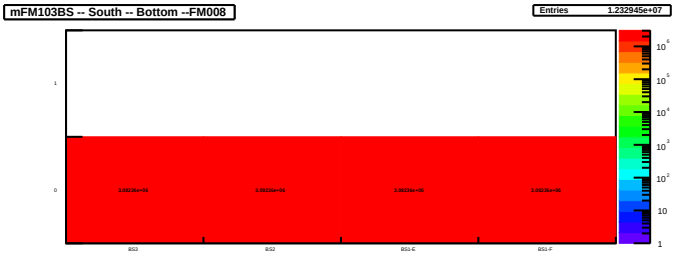

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

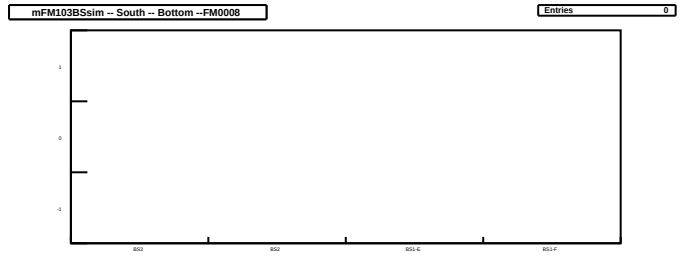

mFM103J -- South -- Bottom/Side -- FM007
Entries 3082363
J(23)

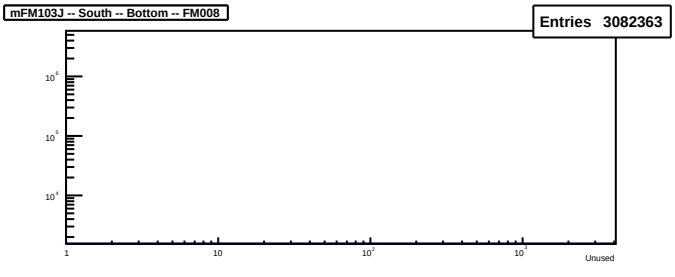

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

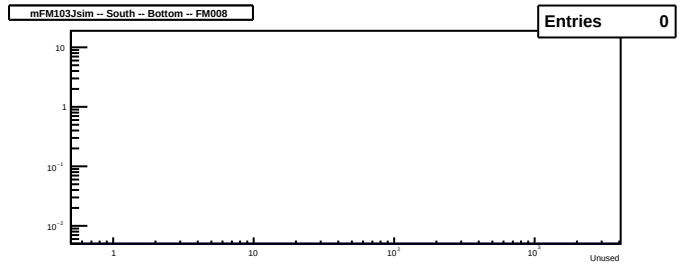

mFM103JP -- South -- Bottom/Side -- FM007
Entries 6164726
JP-GH
JP-IJ

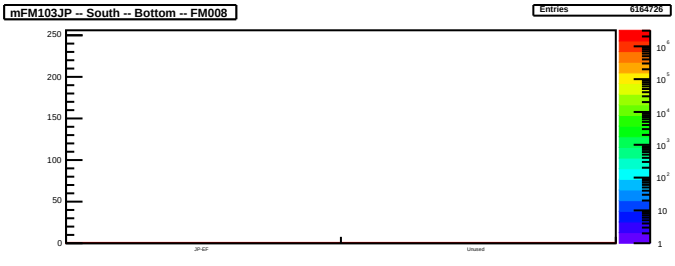

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

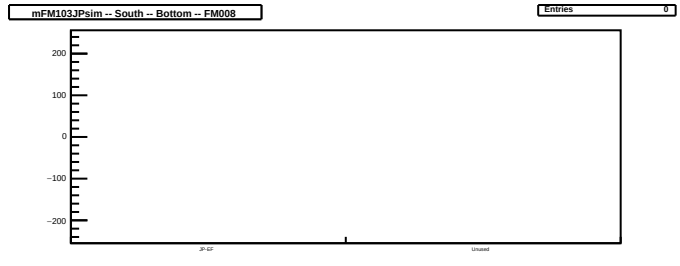

mFM103BS -- South -- Bottom --FM008
Entries 1.232945e+07
3.08236e+06
3.08236e+06
3.08236e+06
3.08236e+06
BS3
BS2
BS1-E
BS1-F

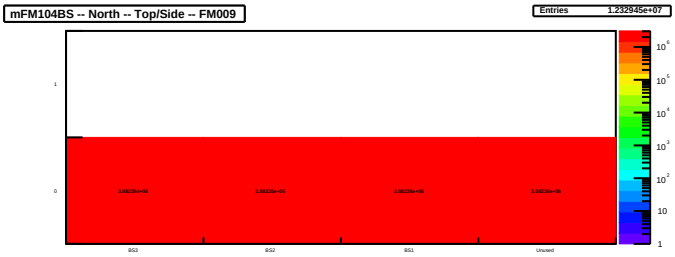

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F

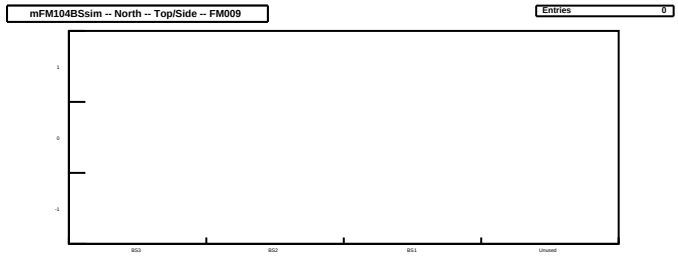

mFM103J -- South -- Bottom -- FM008
Entries 3082363
Unused

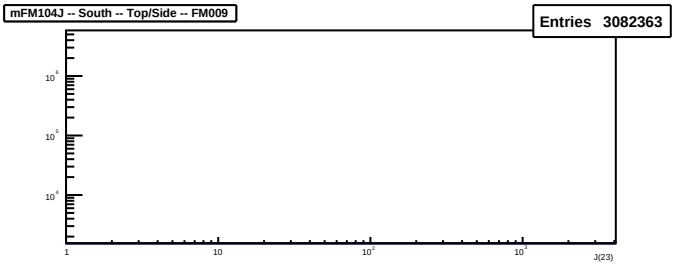

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

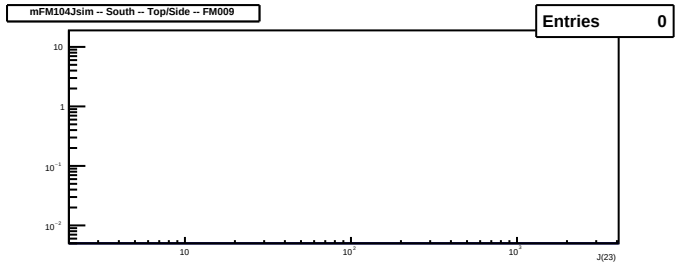

mFM103JP -- South -- Bottom -- FM008
Entries 6164726
JP-EF
Unused

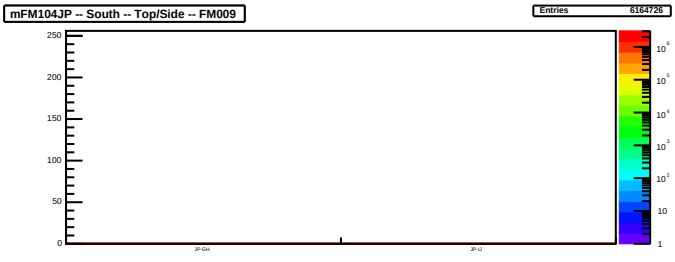

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

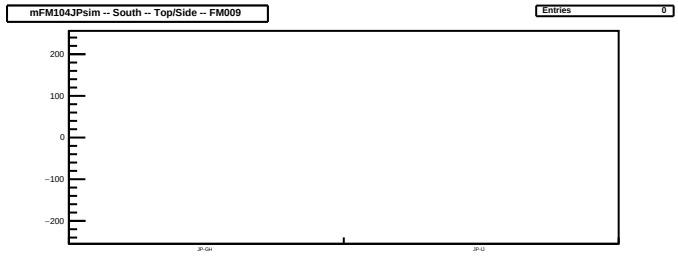

mFM104BS -- North -- Top/Side -- FM009
Entries 1.232945e+07
3.08236e+06
3.08236e+06
3.08236e+06
3.08236e+06
BS3
BS2
BS1
Unused

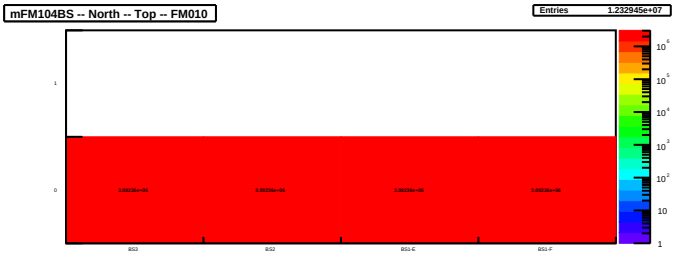

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

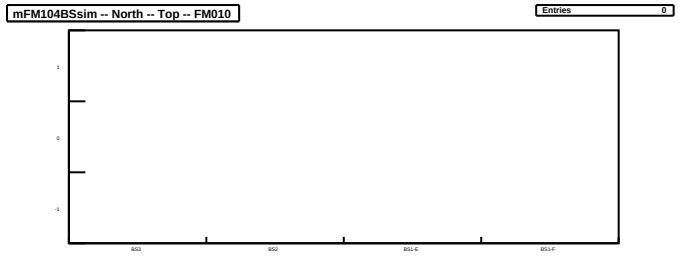

mFM104J -- South -- Top/Side -- FM009
Entries 3082363
J(23)

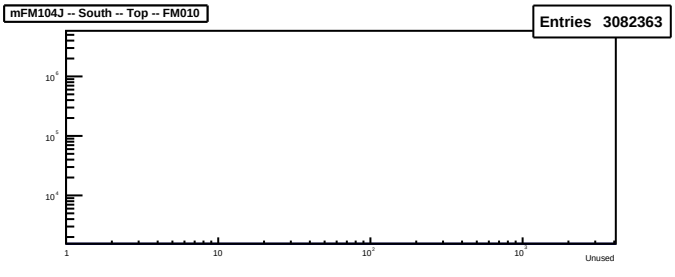

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

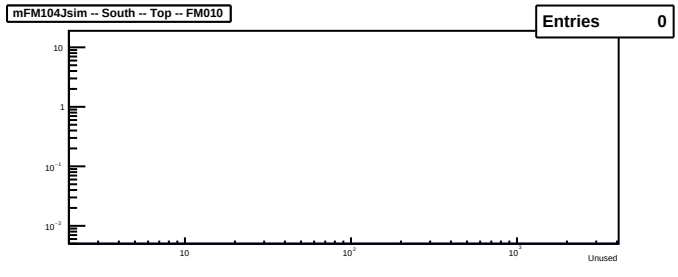

mFM104JP -- South -- Top/Side -- FM009
Entries 6164726
JP-GH
JP-U

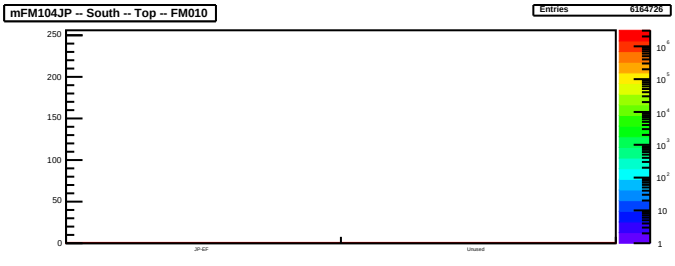

mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Top -- FM010
Entries 1.232945e+07
3.08236e+06
3.08236e+06
3.08236e+06
3.08236e+06
BS3
BS2
BS1-E
BS1-F

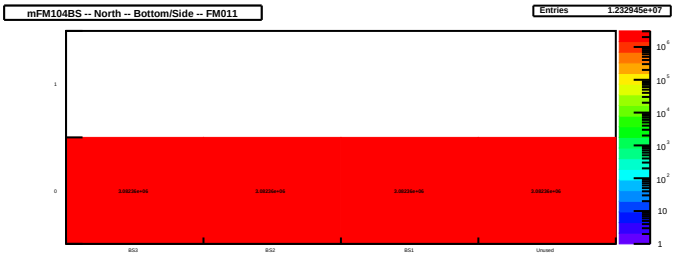

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

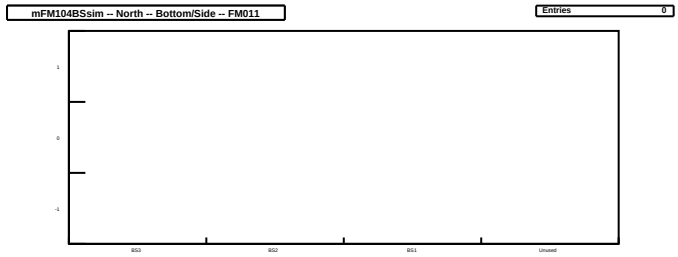

mFM104J -- South -- Top -- FM010
Entries 3082363
Unused

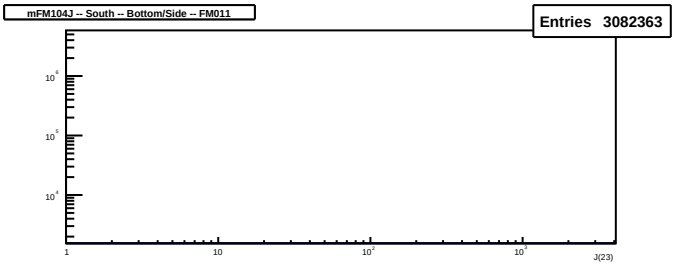

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

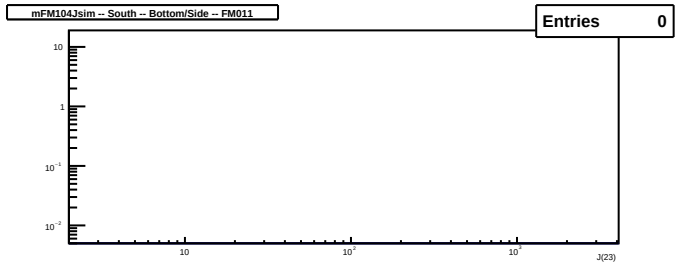

mFM104JP -- South -- Top -- FM010
Entries 6164726
JP-EF
Unused

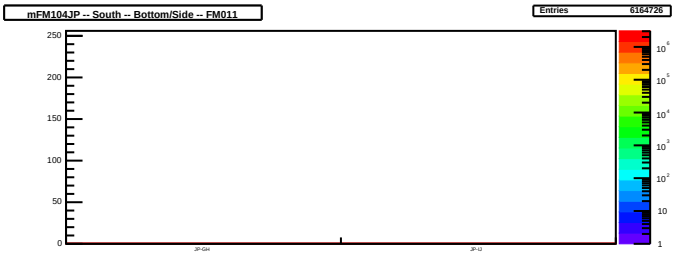
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

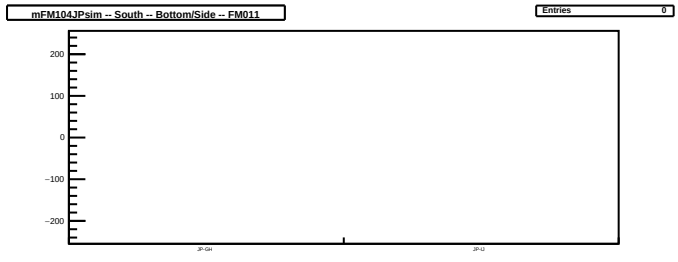

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.232945e+07
3.08236e+06
3.08236e+06
3.08236e+06
3.08236e+06
BS3
BS2
BS1
Unused

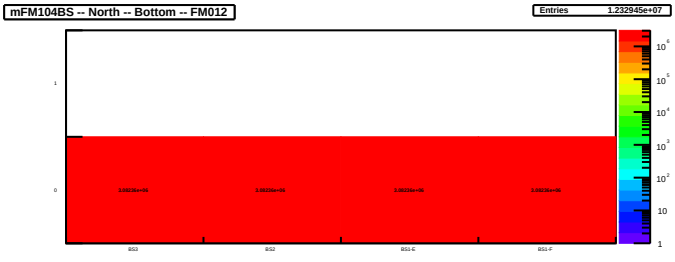

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

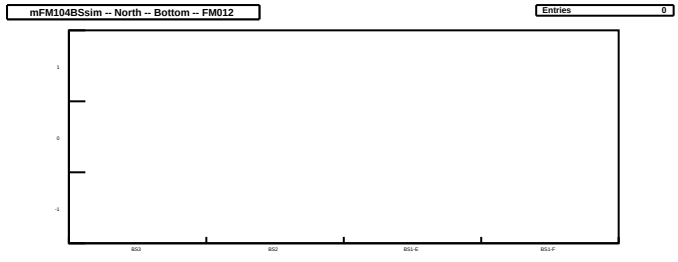

mFM104J -- South -- Bottom/Side -- FM011
Entries 3082363
J(23)

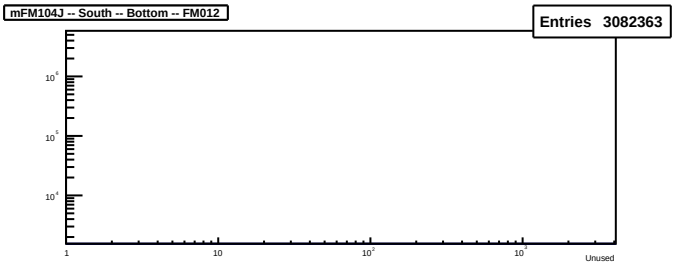

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

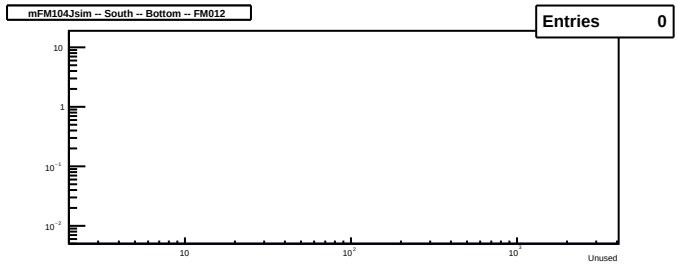

mFM104JP -- South -- Bottom/Side -- FM011
Entries 6164726
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 1.232945e+07
3.08236e+06
3.08236e+06
3.08236e+06
3.08236e+06
BS3
BS2
BS1-E
BS1-F

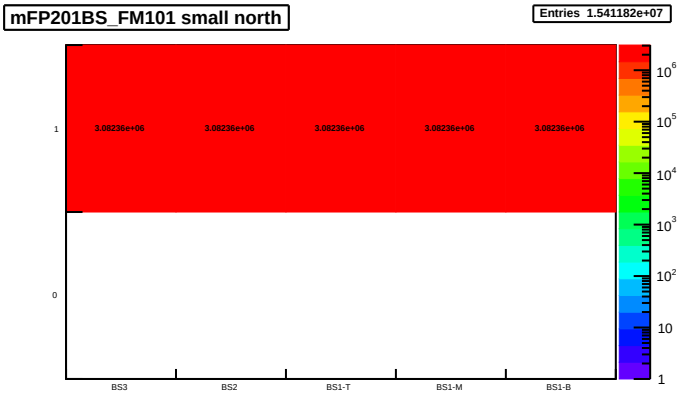

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

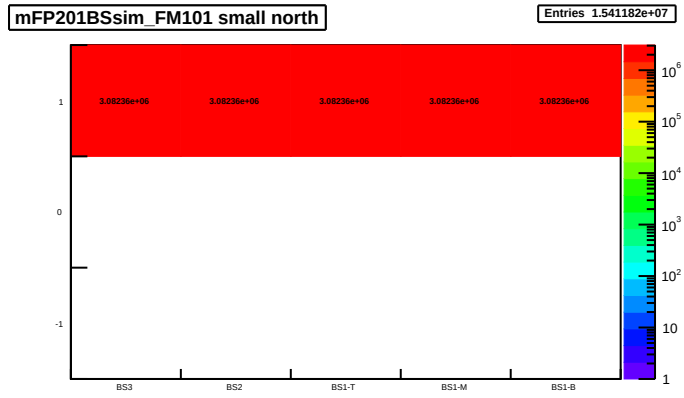

mFM104J -- South -- Bottom -- FM012
Entries 3082363
Unused

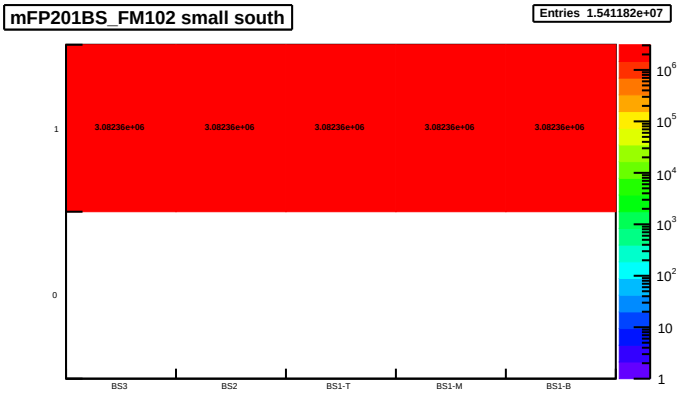

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

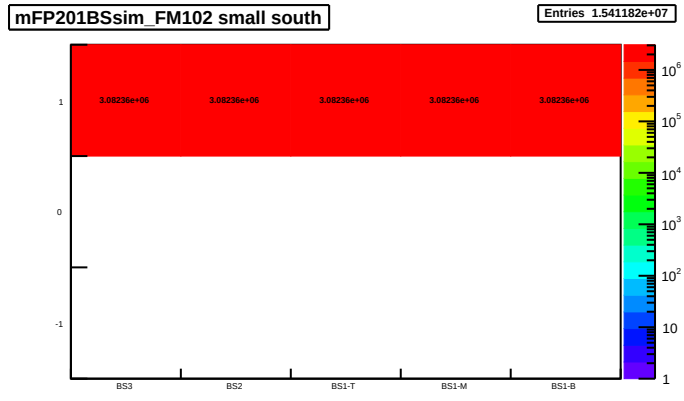
mFM104JP -- South -- Bottom -- FM012
Entries 6164726
JP-EF
Unused

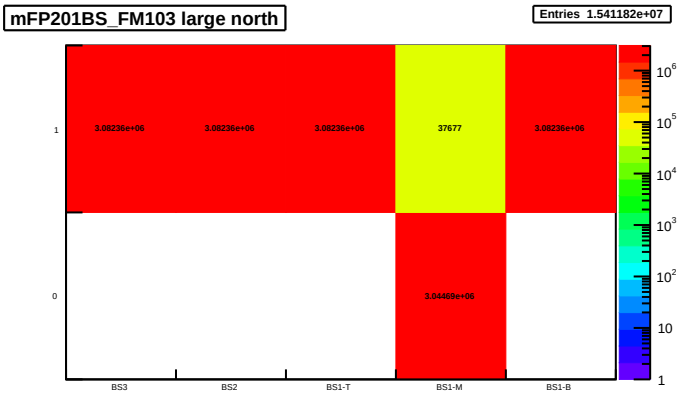
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

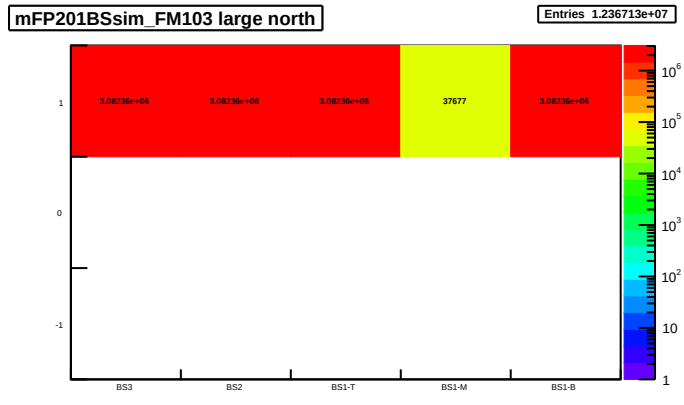

mFP201BS_FM101 small north
Entries 1.541182e+07
3.08236e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

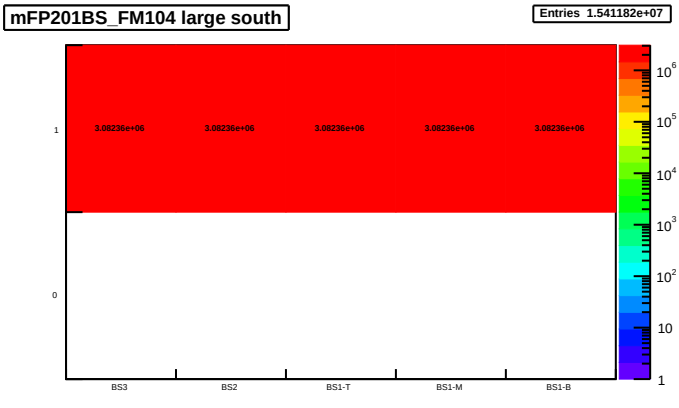

mFP201BSsim_FM101 small north
Entries 1.541182e+07
3.08236e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

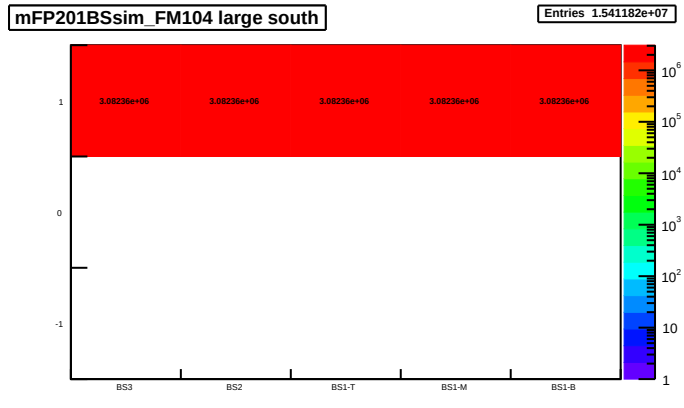

mFP201BS_FM102 small south
Entries 1.541182e+07
3.08236e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

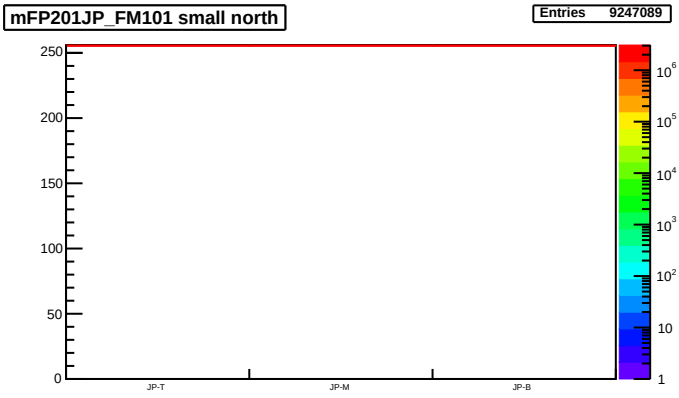

mFP201BSsim_FM102 small south
Entries 1.541182e+07
3.08236e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

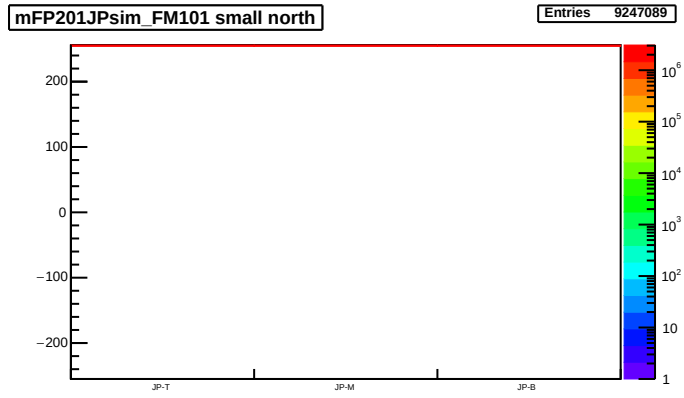

mFP201BS_FM103 large north
Entries 1.541182e+07
3.08236e+06
37677
3.04469e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

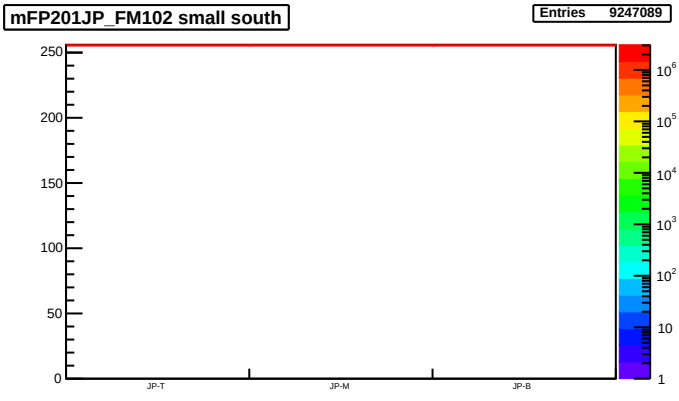

mFP201BSsim_FM103 large north
Entries 1.236713e+07
3.08236e+06
37677
BS3
BS2
BS1-T
BS1-M
BS1-B

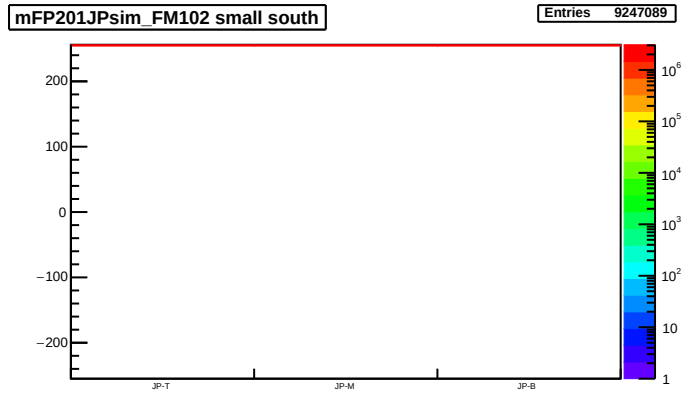

mFP201BS_FM104 large south
Entries 1.541182e+07
3.08236e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

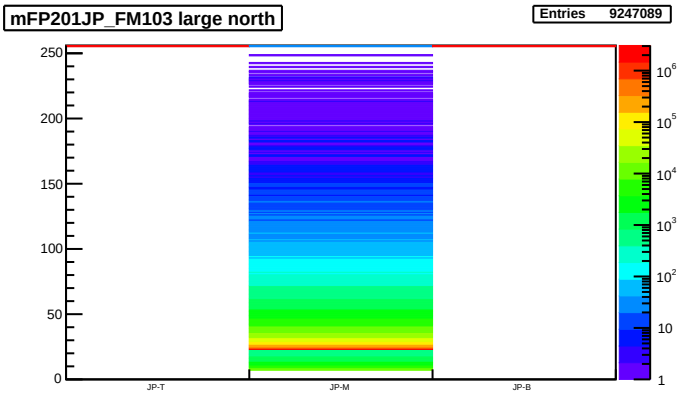

mFP201BSsim_FM104 large south
Entries 1.541182e+07
3.08236e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

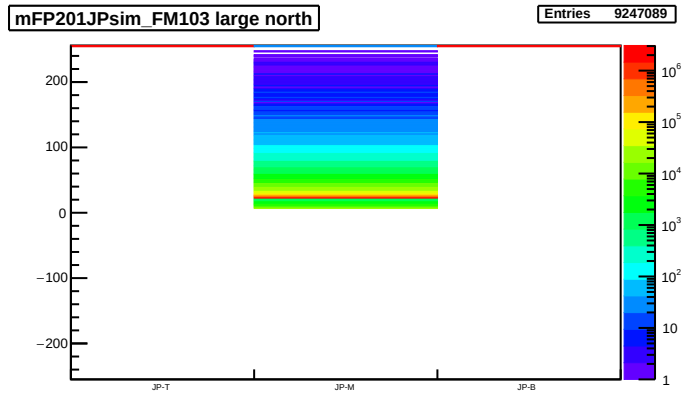

mFP201JP_FM101 small north
Entries 9247089
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

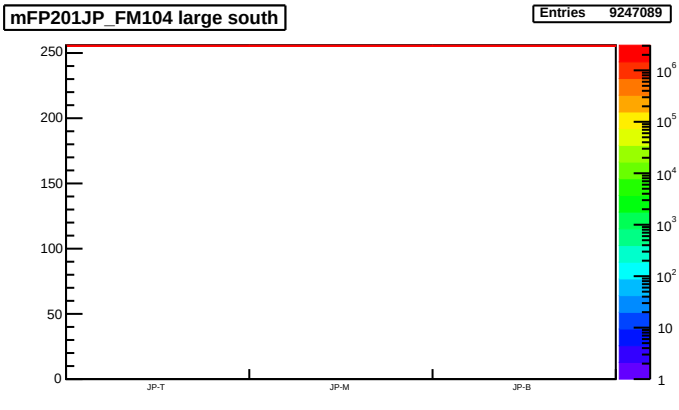

mFP201JPsim_FM101 small north
Entries 9247089
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

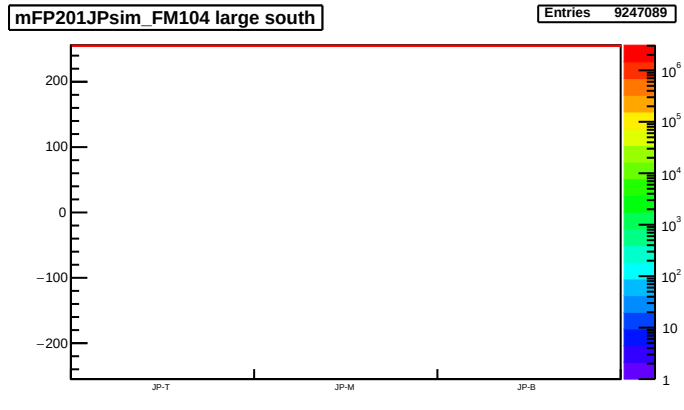

mFP201JP_FM102 small south
Entries 9247089
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

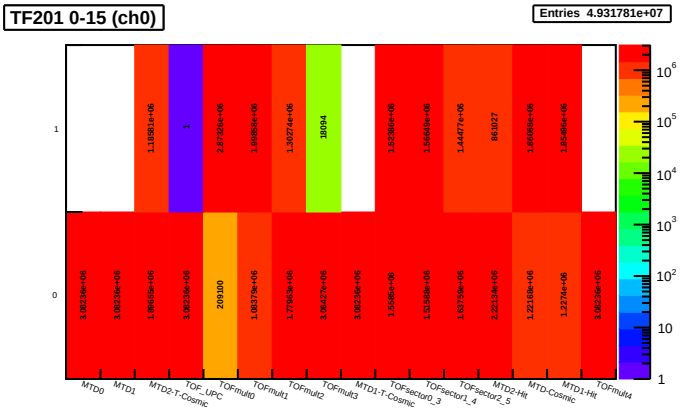

mFP201JPsim_FM102 small south
Entries 9247089
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

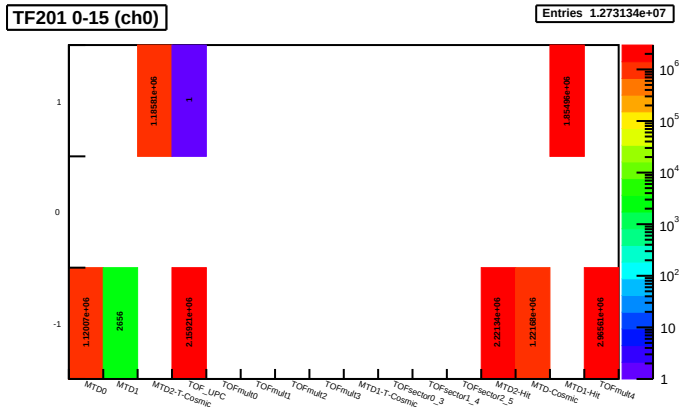

mFP201JP_FM103 large north
Entries 9247089
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

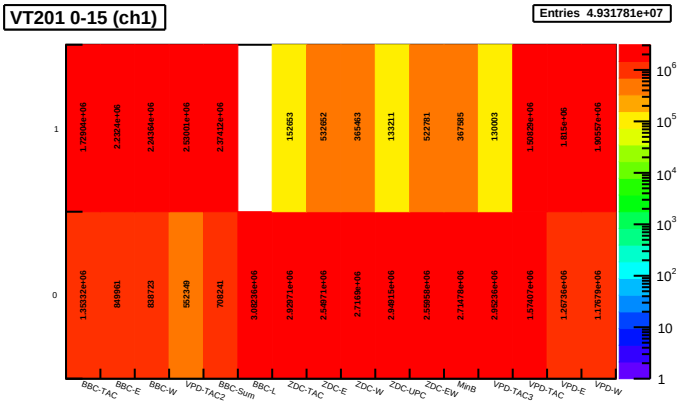

mFP201JPsim_FM103 large north
Entries 9247089
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

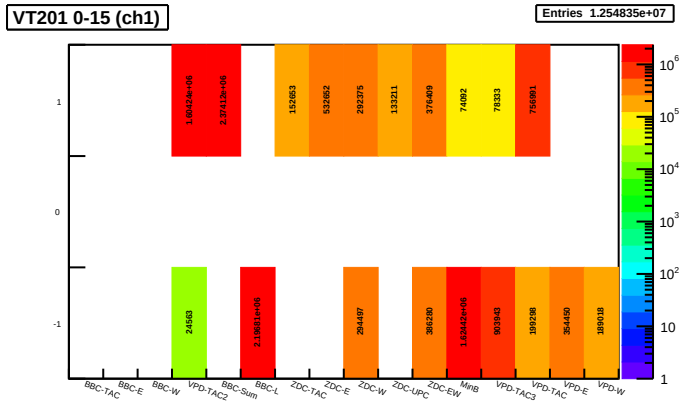

mFP201JP_FM104 large south
Entries 9247089
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

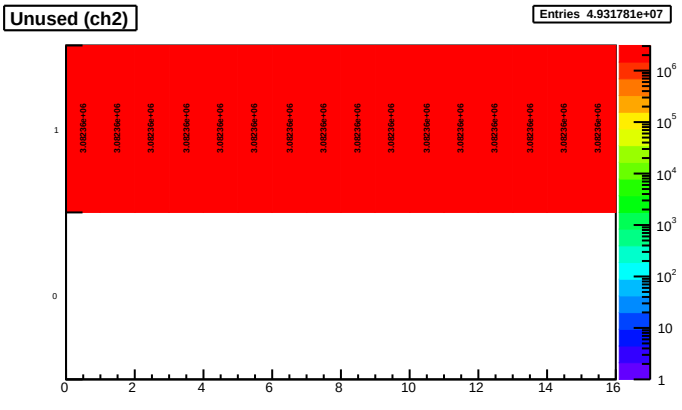

mFP201JPsim_FM104 large south
Entries 9247089
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

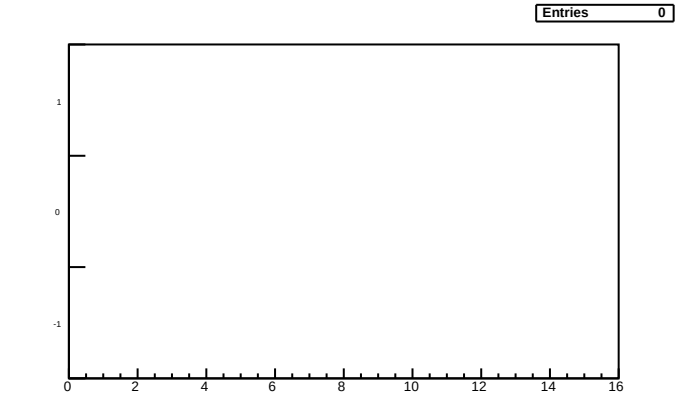

TF201 0-15 (ch0)
Entries 4.931781e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

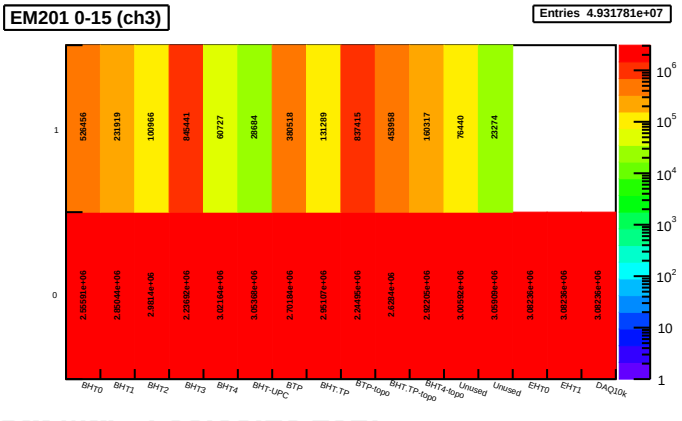

TF201 0-15 (ch0)
Entries 1.273134e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

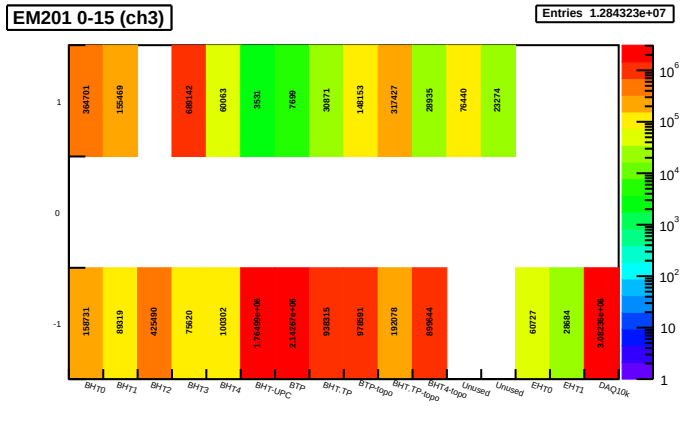

VT201 0-15 (ch1)
Entries 4.931781e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

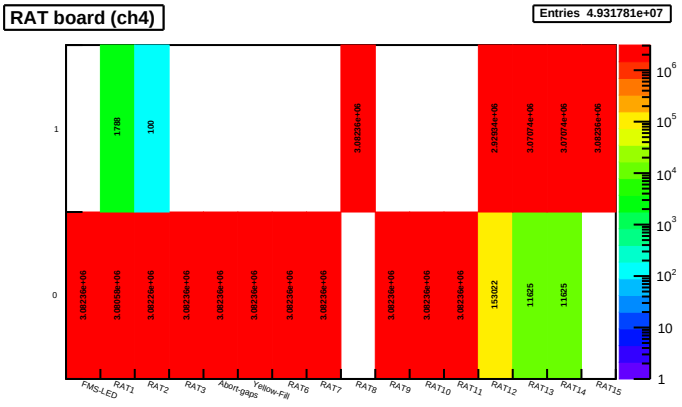

VT201 0-15 (ch1)
Entries 1.254835e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

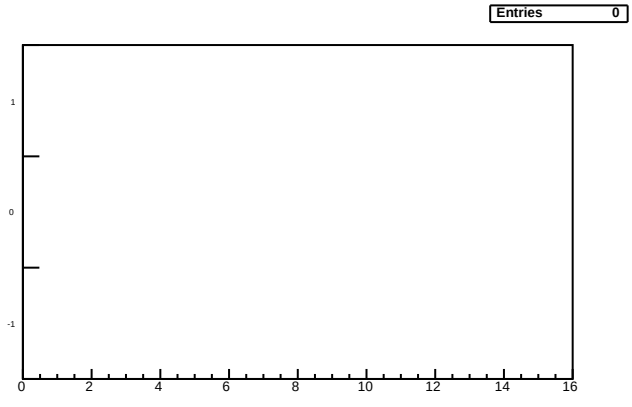

Unused (ch2)
Entries 4.931781e+07

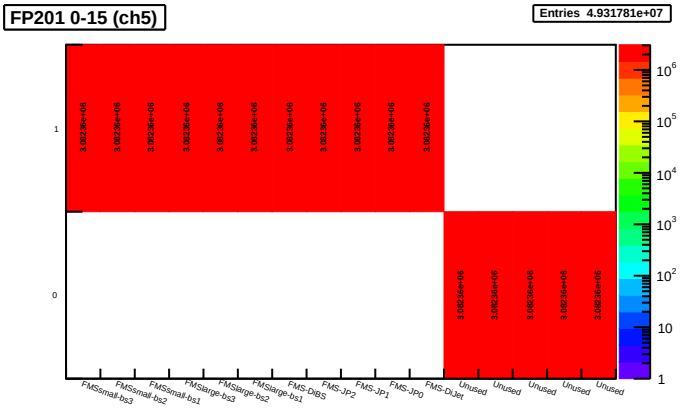

Entries 0

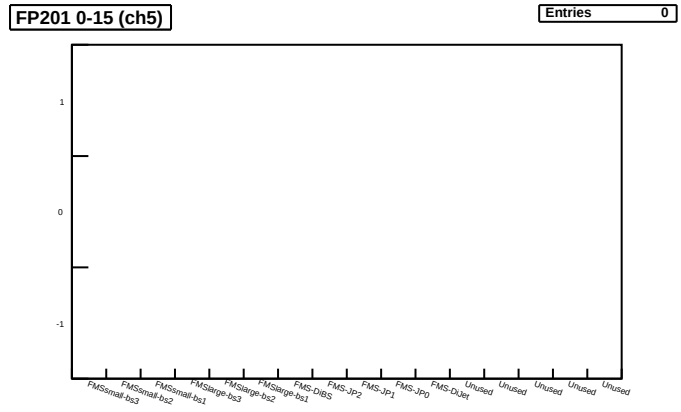

EM201 0-15 (ch3)
Entries 4.931781e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

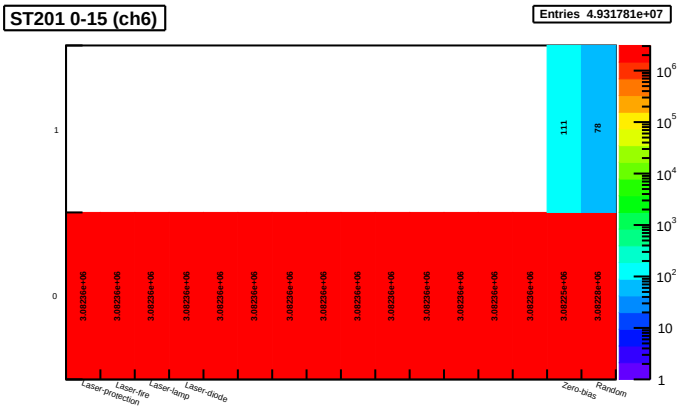

EM201 0-15 (ch3)
Entries 1.284323e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

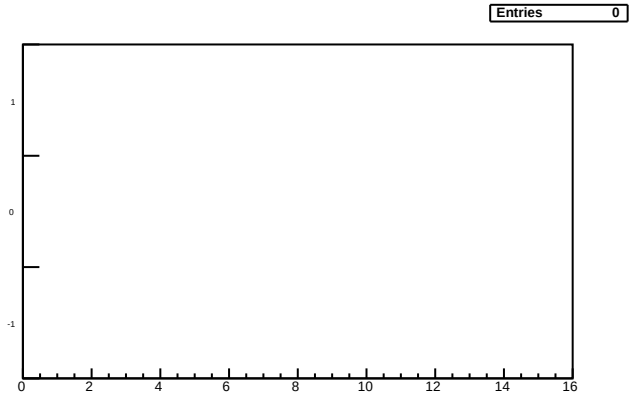

RAT board (ch4)
Entries 4.931781e+07
1788
100
3.0236e+06
2.92934e+06
3.07074e+06
3.07074e+06
3.0236e+06
1.00558e+06
153022
11625
11625
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

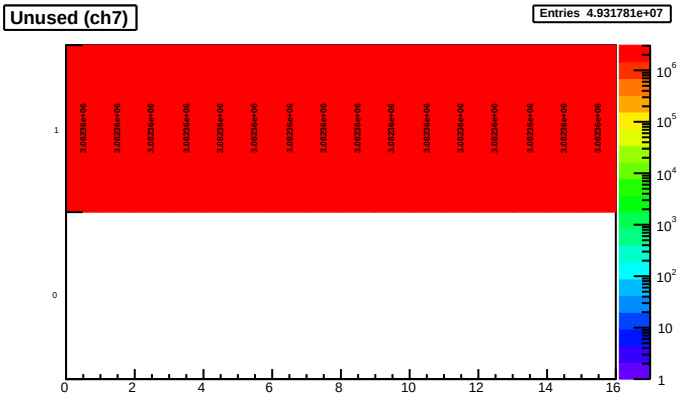

Entries 0

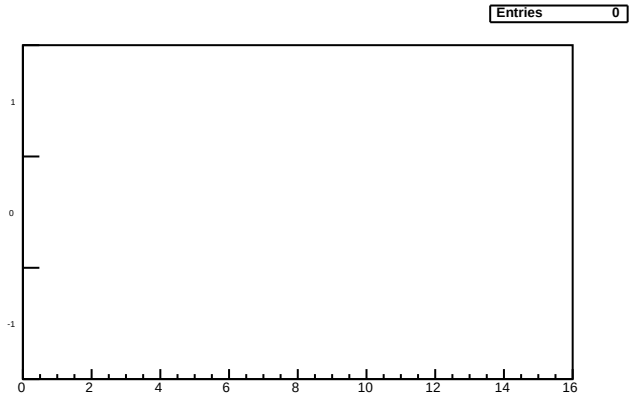

FP201 0-15 (ch5)
Entries 4.931781e+07
3.0236e+06
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 4.931781e+07
111
78
3.08226e+06
3.08225e+06
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random


Entries 0


Unused (ch7)
Entries 4.931781e+07
3.08226e+06


Entries 0