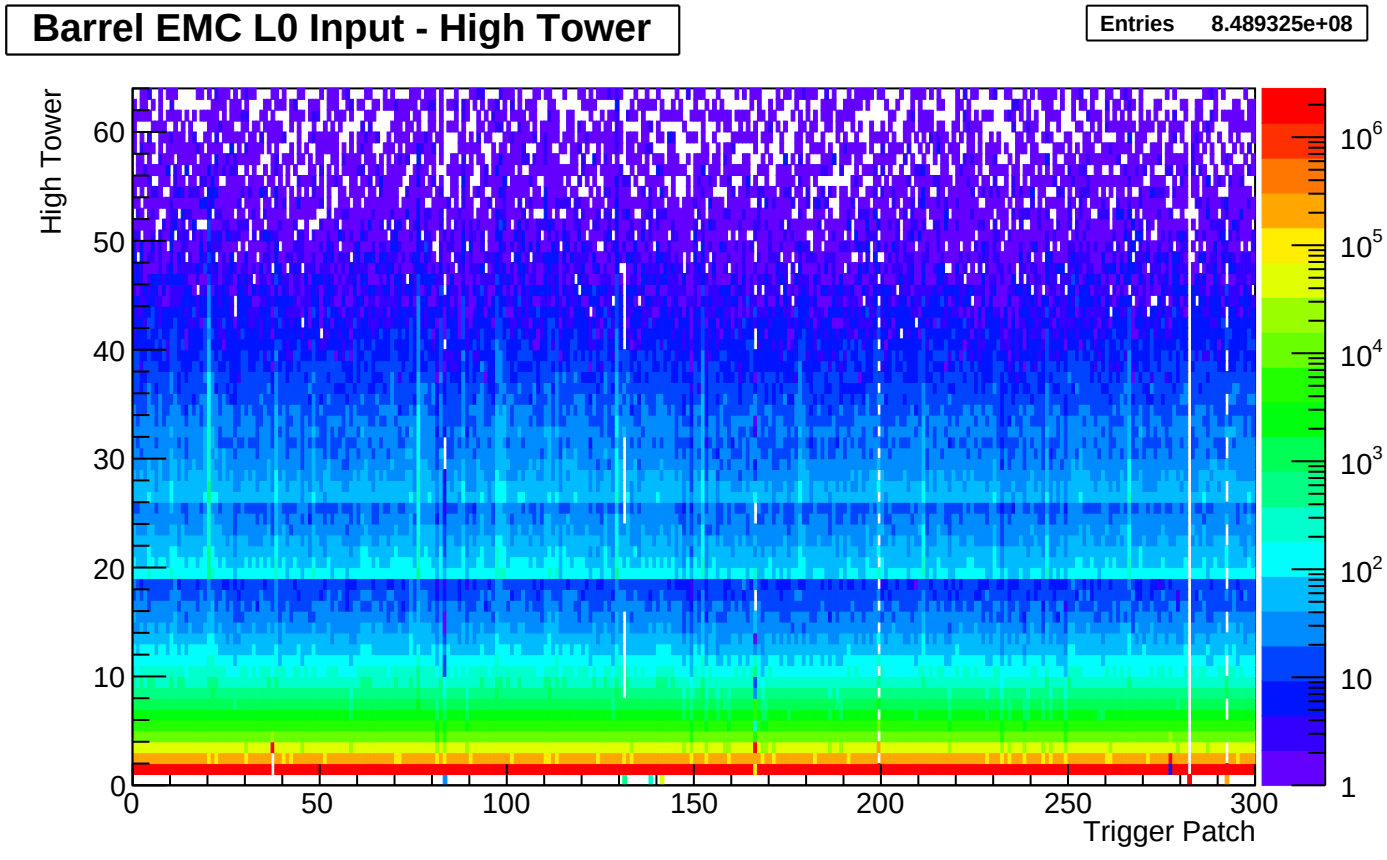
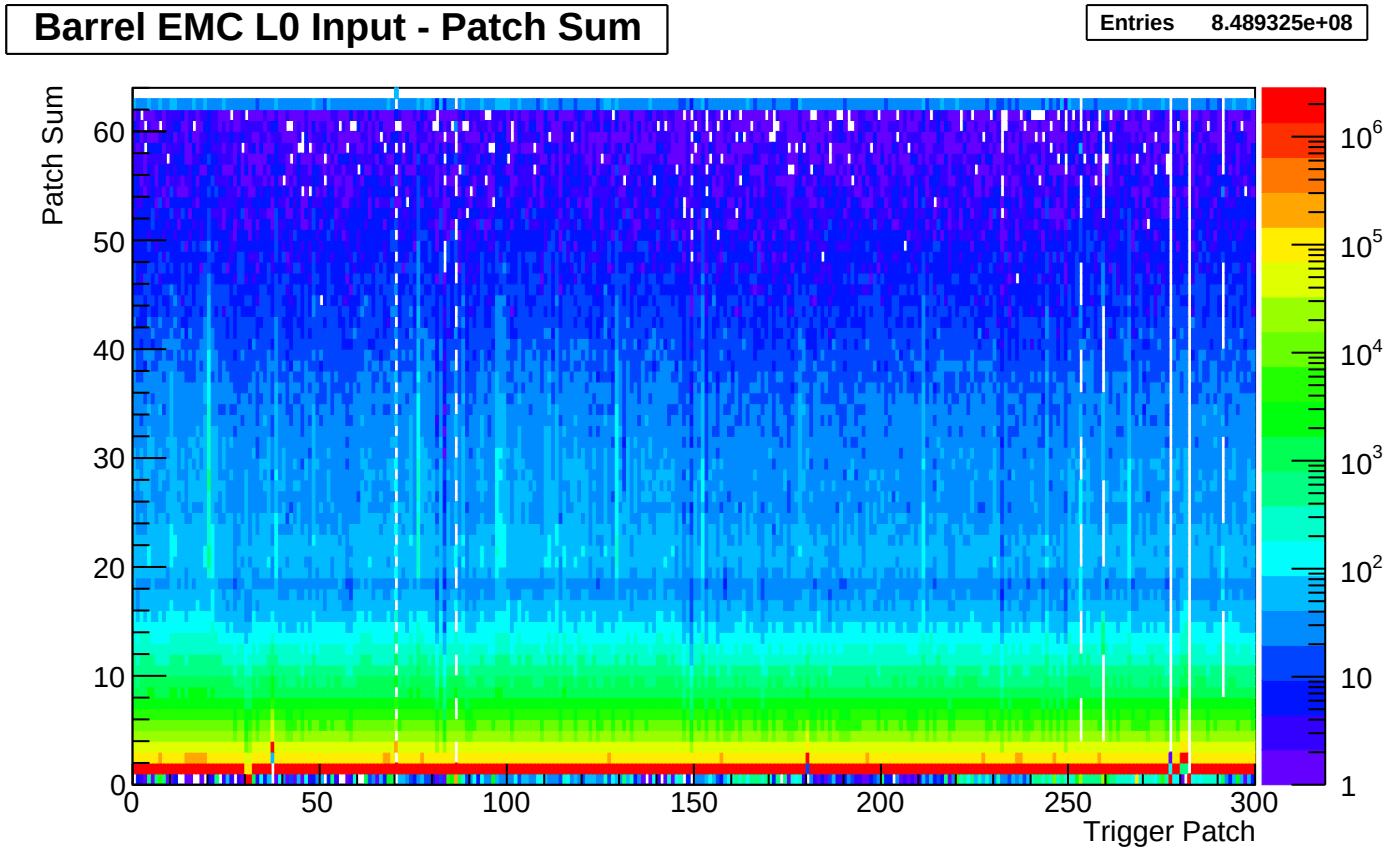
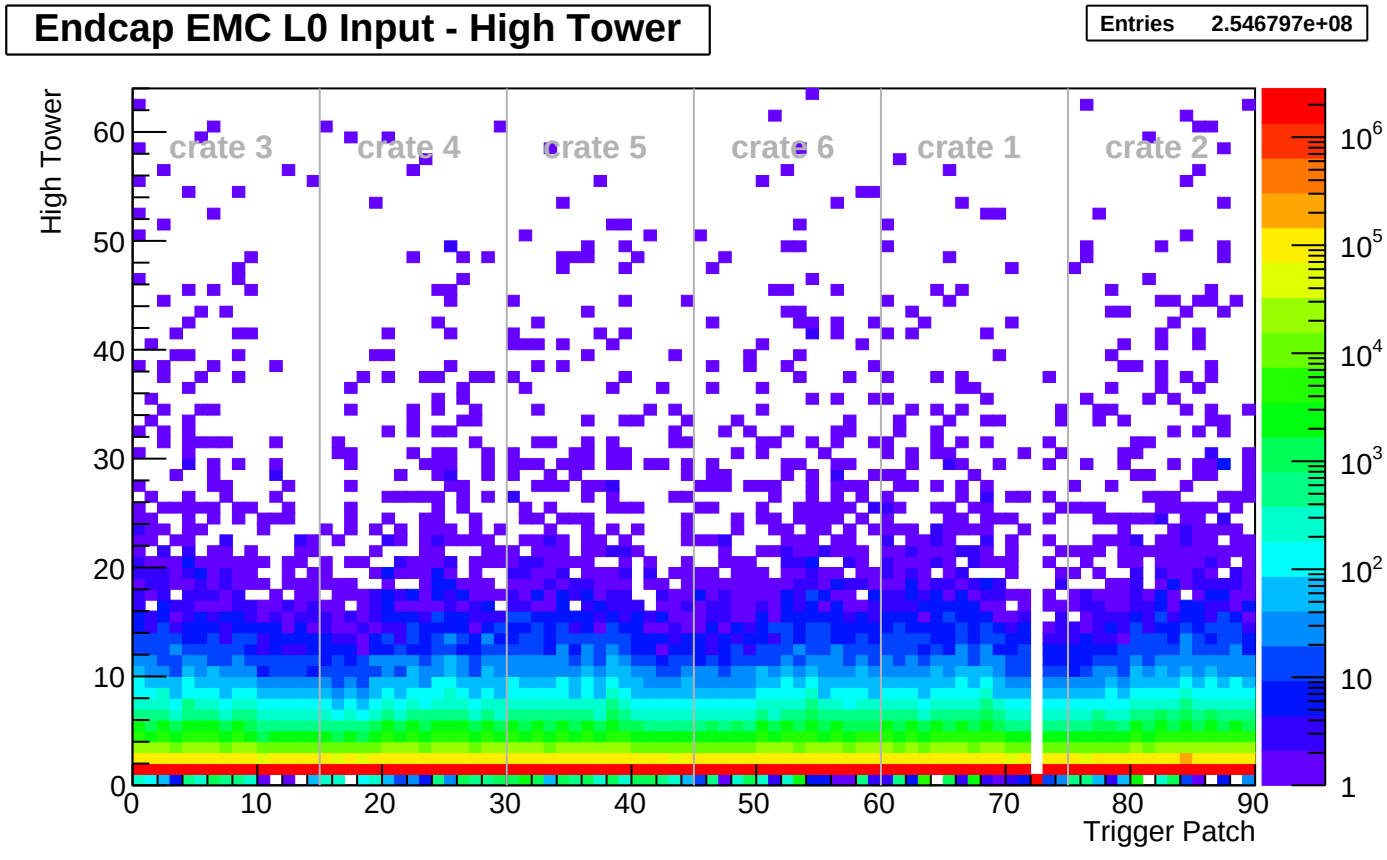
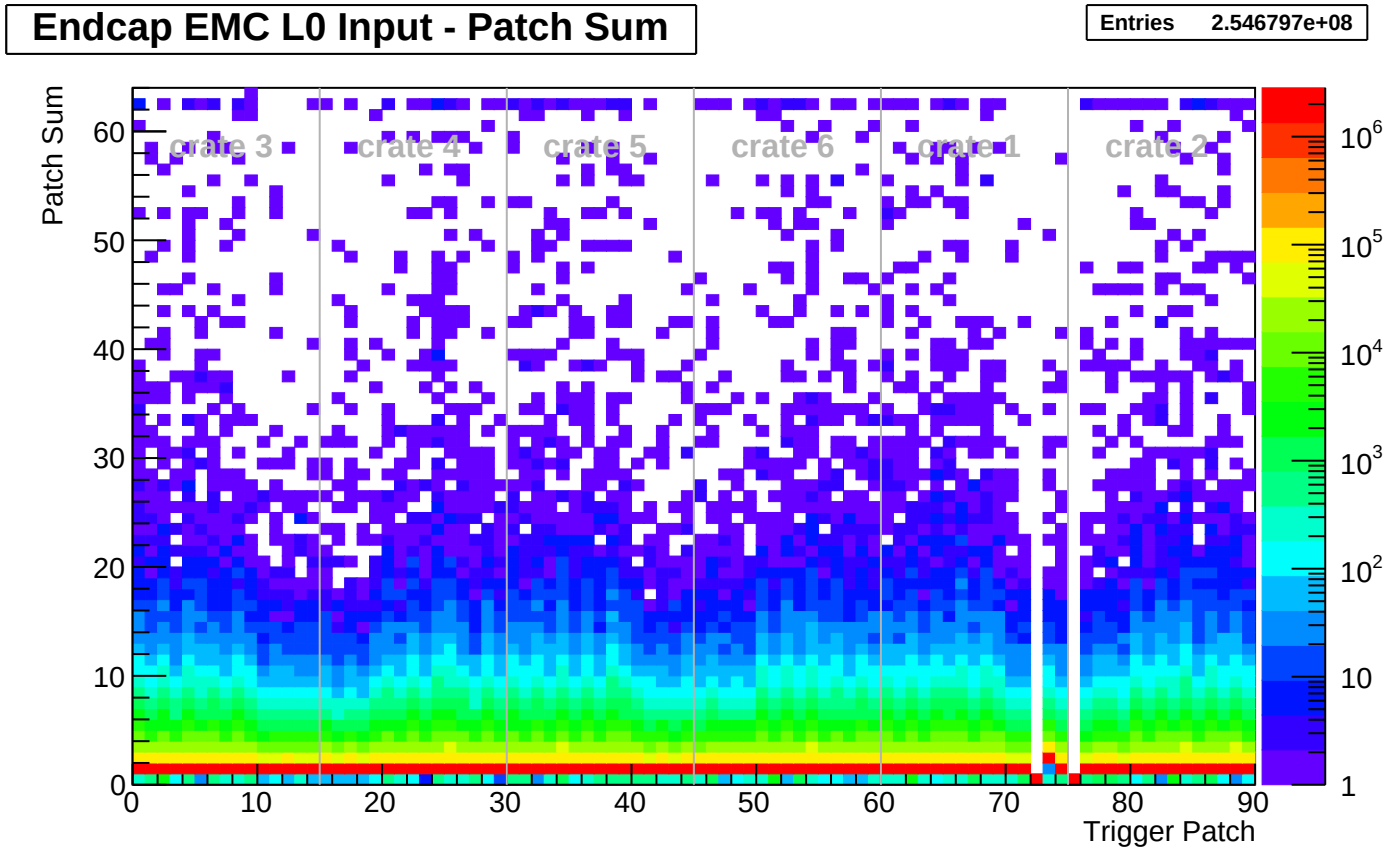
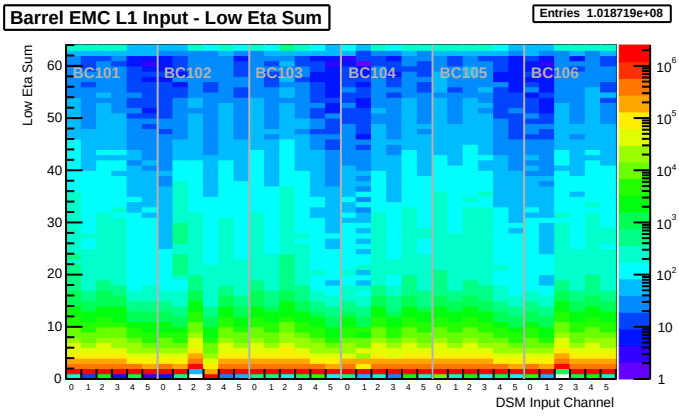
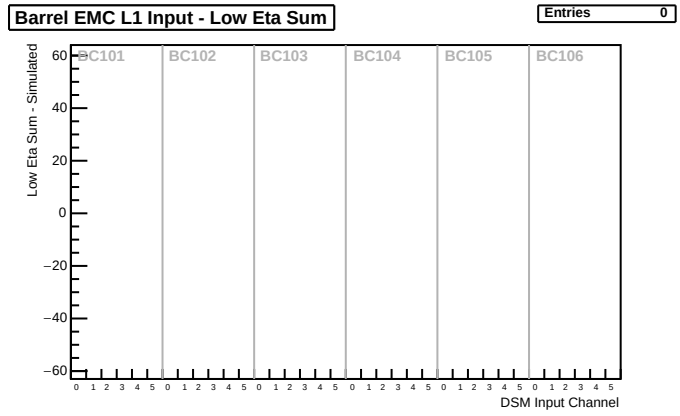

Barrel EMC L0 Input - High Tower
Entries 8.489325e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

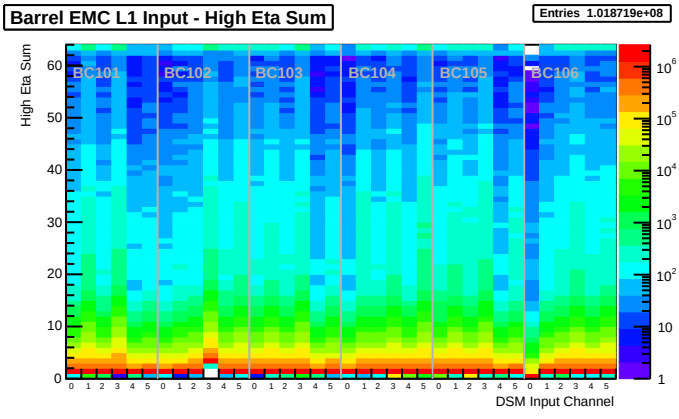

Barrel EMC L0 Input - Patch Sum
Entries 8.489325e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

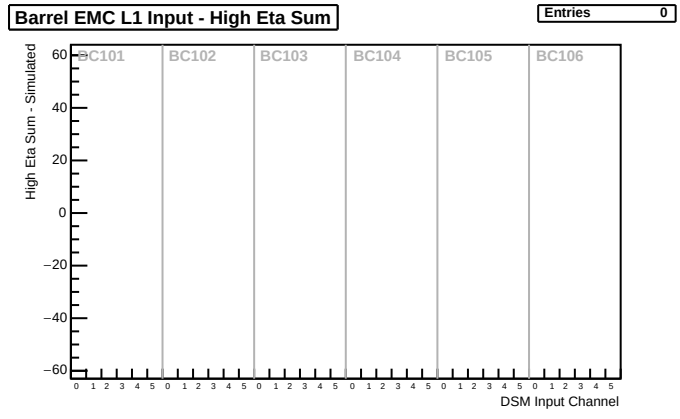

Endcap EMC L0 Input - High Tower
Entries 2.546797e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

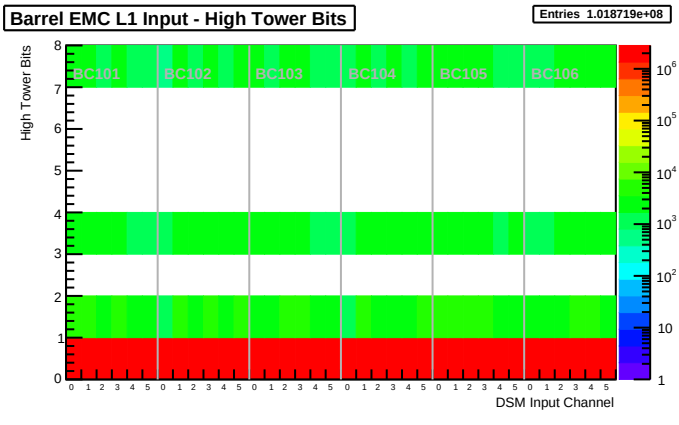

Endcap EMC L0 Input - Patch Sum
Entries 2.546797e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

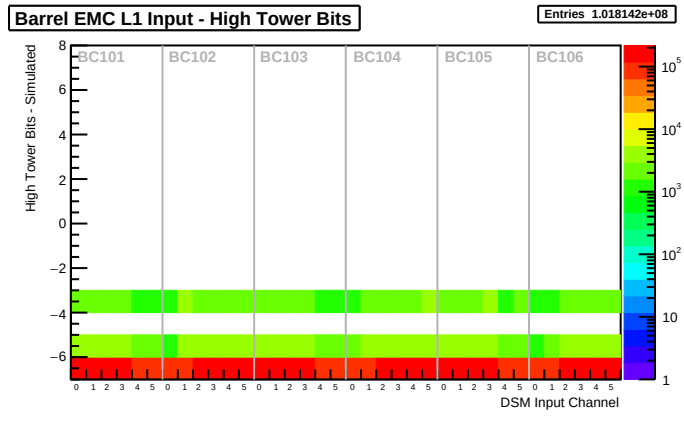

Barrel EMC L1 Input - Low Eta Sum
Entries 1.018719e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

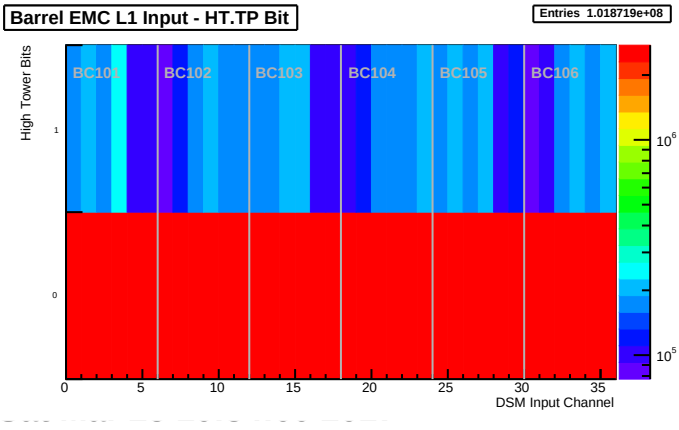

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

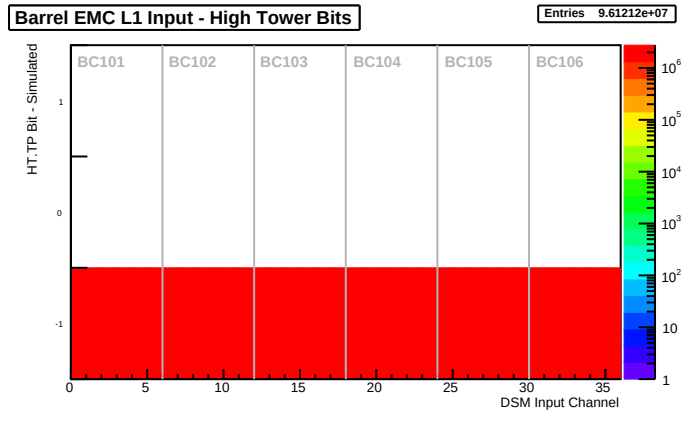

Barrel EMC L1 Input - High Eta Sum
Entries 1.018719e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

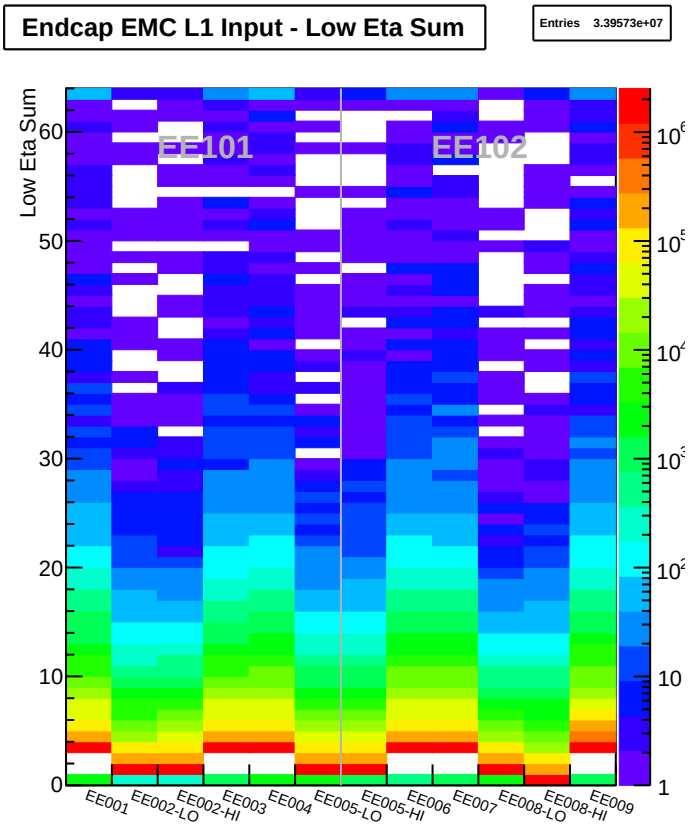

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

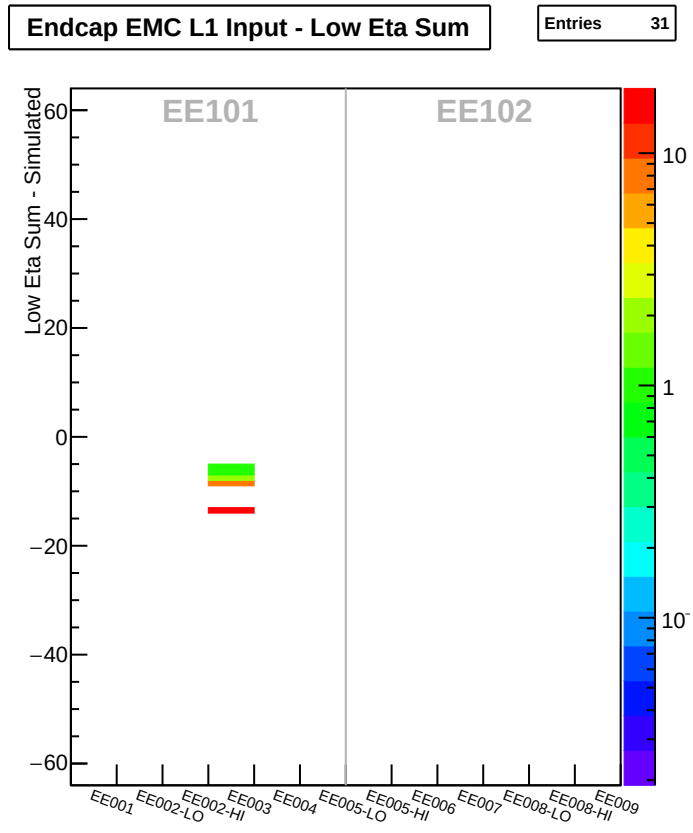

Barrel EMC L1 Input - High Tower Bits
Entries 1.018719e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

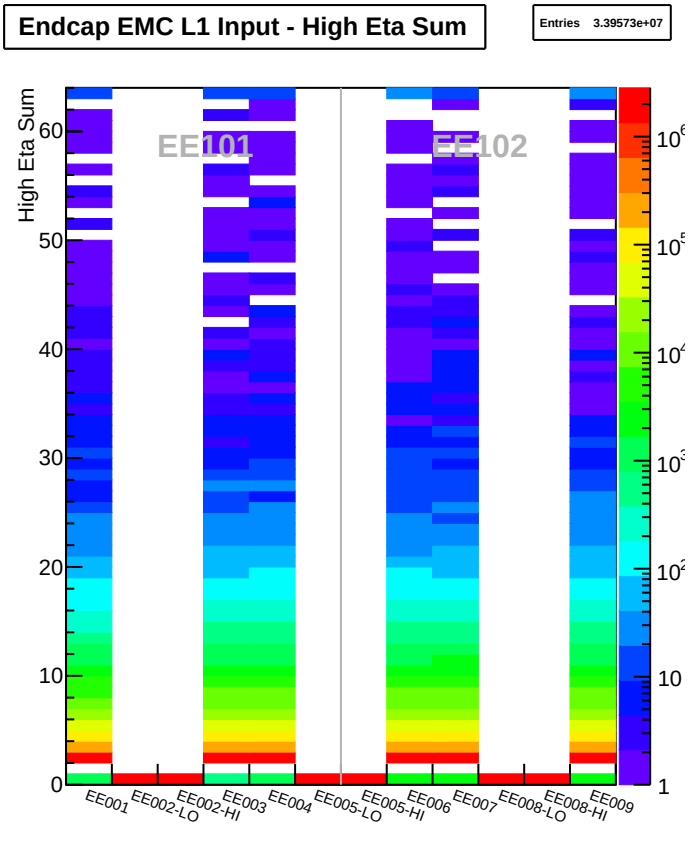

Barrel EMC L1 Input - High Tower Bits
Entries 1.018142e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

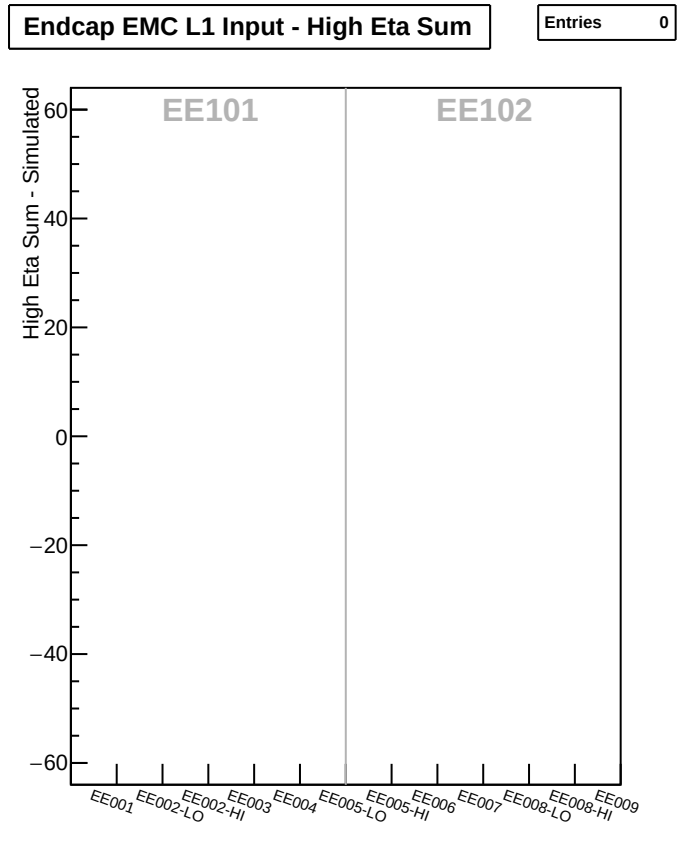

Barrel EMC L1 Input - HT.TP Bit
Entries 1.018719e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 9.61212e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 3.39573e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

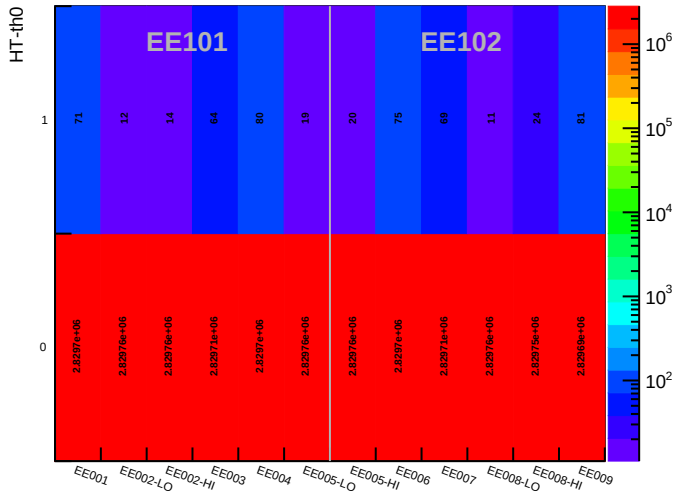

Endcap EMC L1 Input - Low Eta Sum
Entries 31
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 3.39573e+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

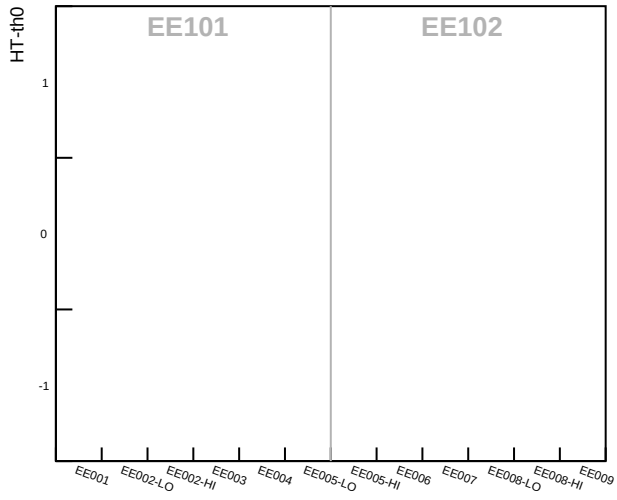
Endcap EMC L1 Input - HT-th0

Entries 3.39573e+07



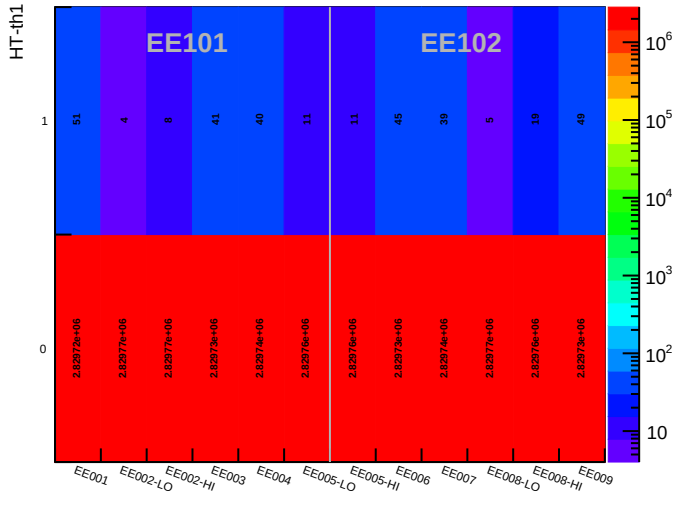
Endcap EMC L1 Input - HT-th0 Diff

Entries 0



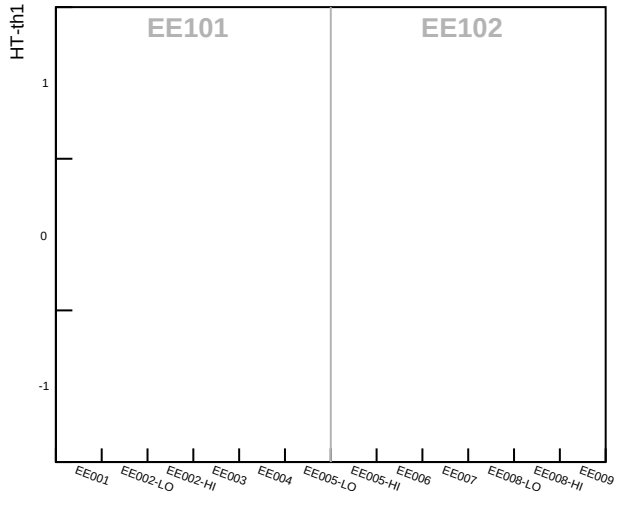
Endcap EMC L1 Input - HT-th1

Entries 3.39573e+07



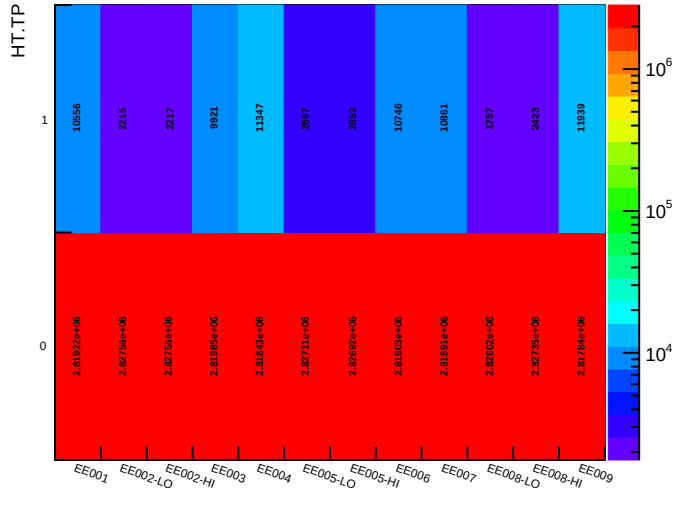
Endcap EMC L1 Input - HT-th1 Diff

Entries 0



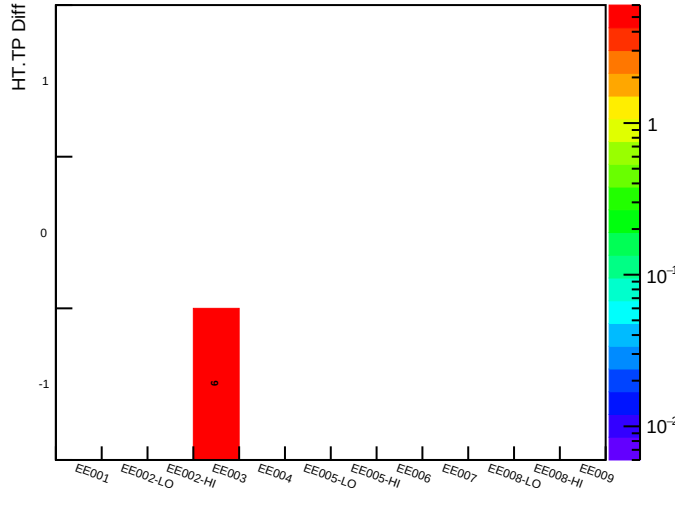
Endcap EMC L1 Input - HT.TP

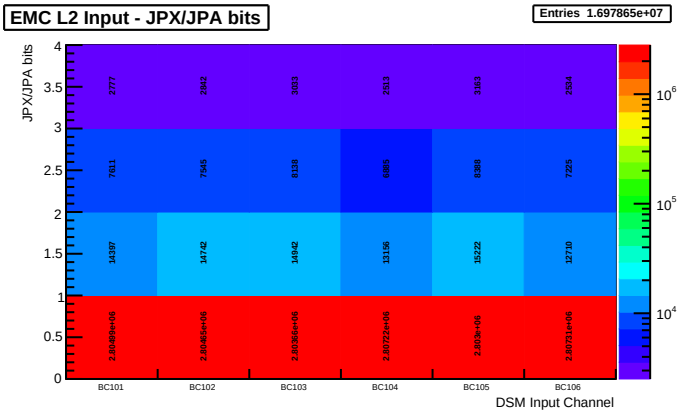
Entries 3.39573e+07

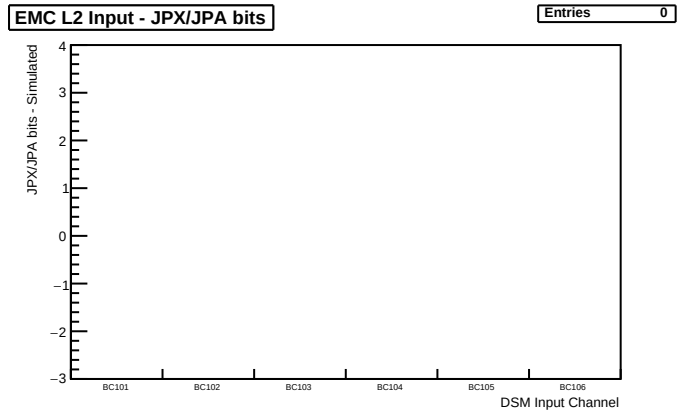


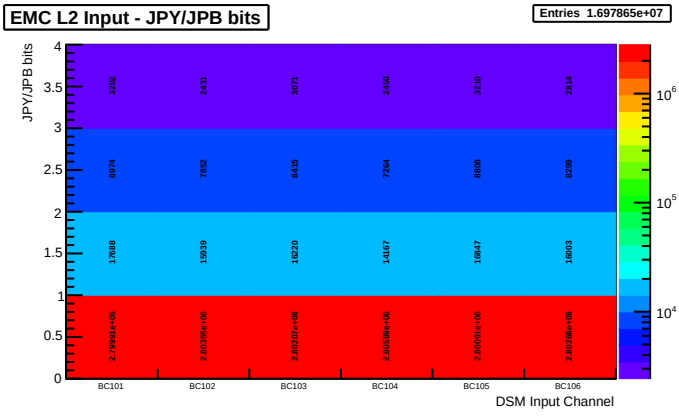
Endcap EMC L1 Input - HT.TP Diff

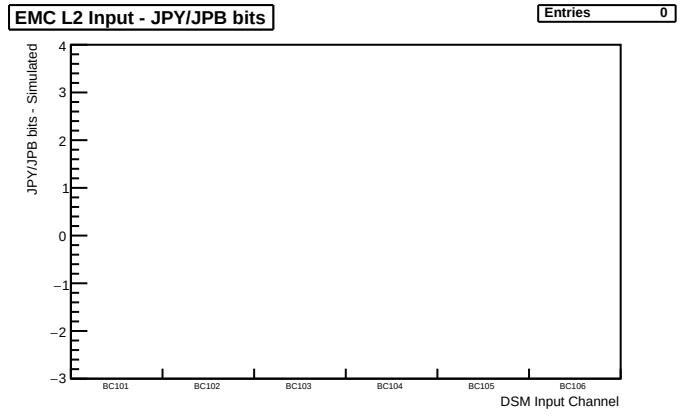
Entries 6

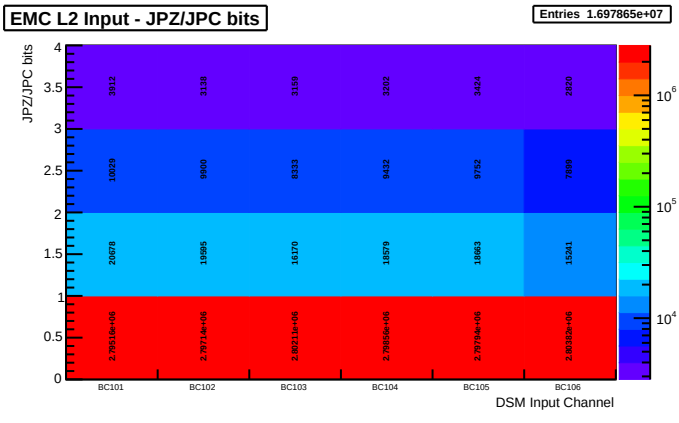


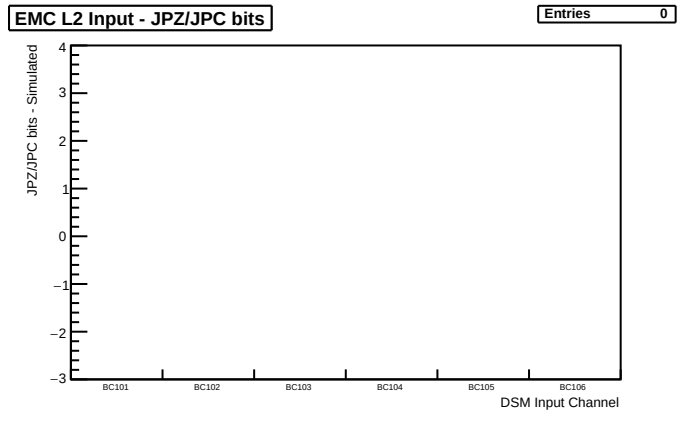

EMC L2 Input - JPX/JPA bits
Entries 1.697865e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
2777
2842
3033
2513
3153
2534
7611
7945
8138
6895
8388
7225
14397
14742
14942
13156
15222
12710
2.80459e+06
2.80465e+06
2.80366e+06
2.80722e+06
2.803e+06
2.80731e+06

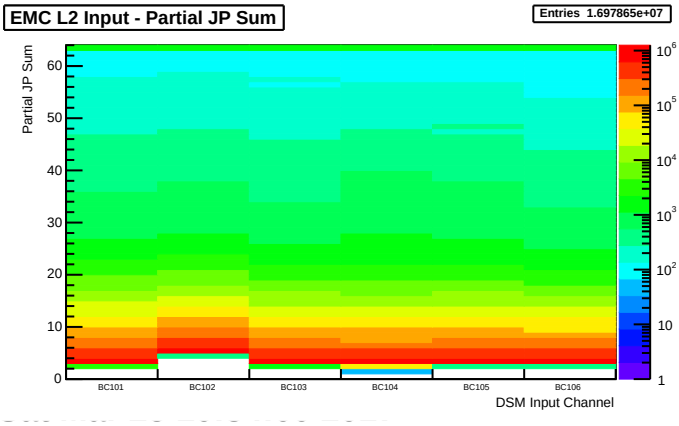

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

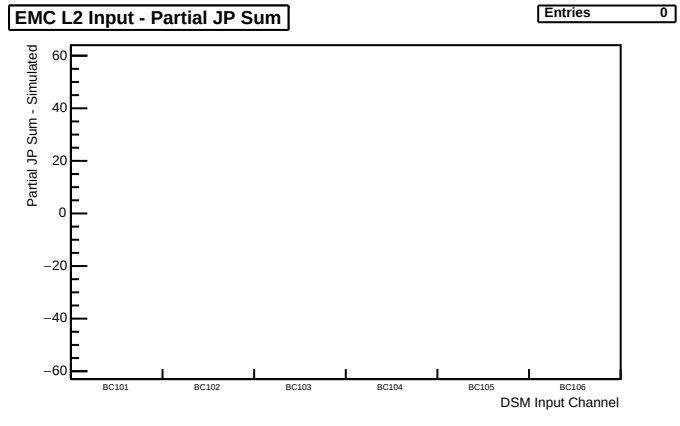

EMC L2 Input - JPY/JPB bits
Entries 1.697865e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
3202
2431
3071
2450
3210
2814
8974
7832
8415
7264
8808
8299
17648
19939
16220
14167
16847
16003
2.79991e+06
2.80355e+06
2.80207e+06
2.80358e+06
2.80091e+06
2.80266e+06

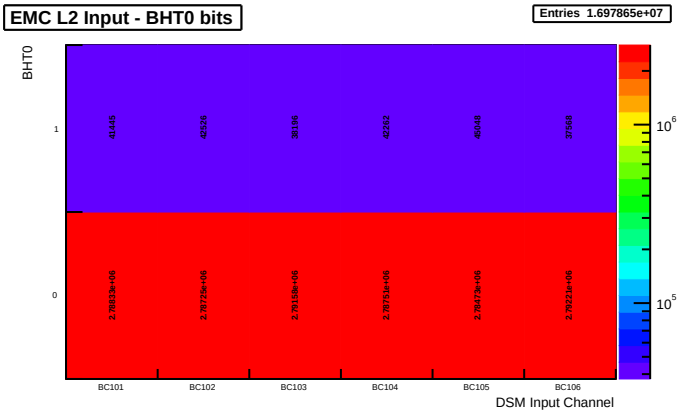

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

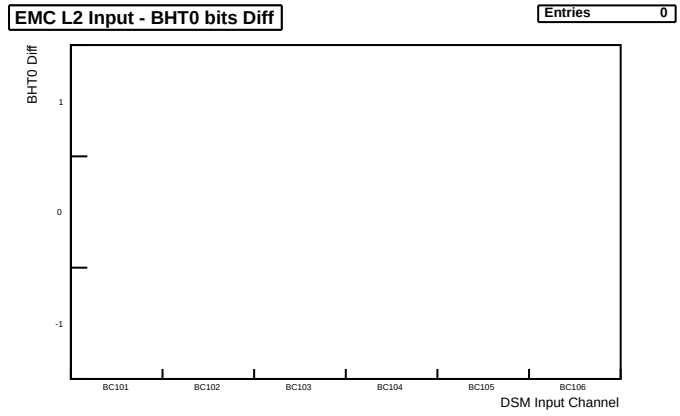

EMC L2 Input - JPZ/JPC bits
Entries 1.697865e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
3812
3138
3159
3202
3424
2820
10029
9900
8333
9432
9752
7899
20678
19995
16170
18579
18663
15241
2.79516e+06
2.79714e+06
2.80211e+06
2.79859e+06
2.79794e+06
2.80382e+06

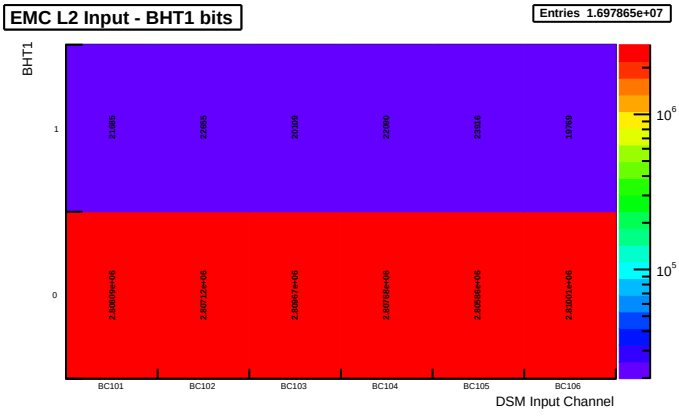

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

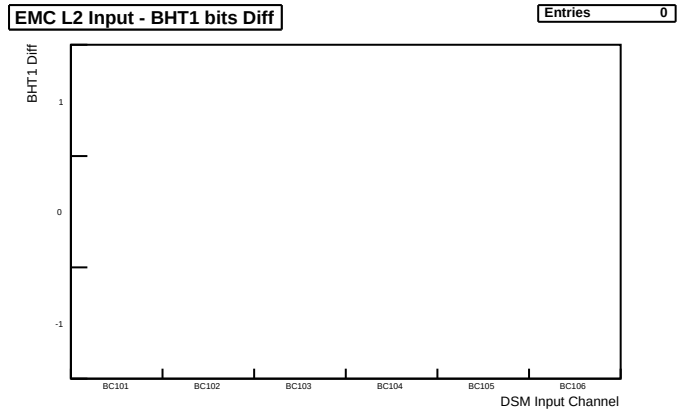

EMC L2 Input - Partial JP Sum
Entries 1.697865e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

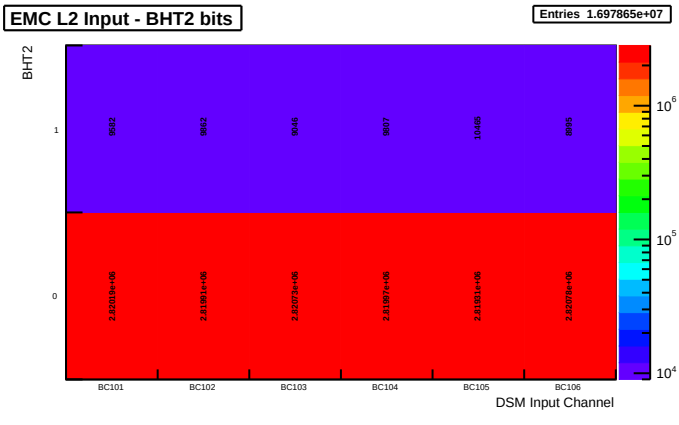

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

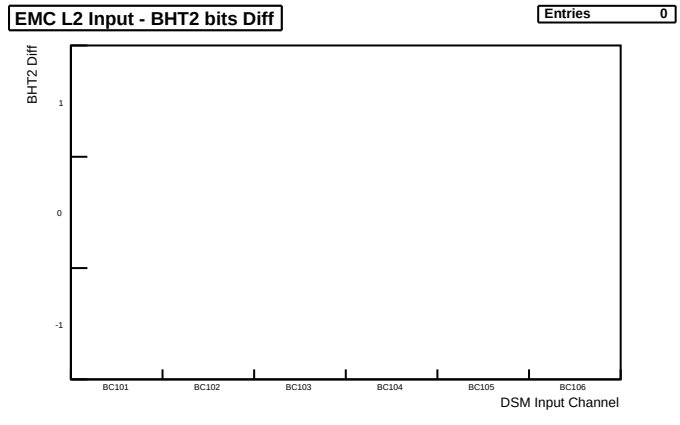

EMC L2 Input - BHT0 bits
Entries 1.697865e+07
BHT0
41445
42526
38196
42262
45048
37568
2.79833e+06
2.79725e+06
2.79158e+06
2.79751e+06
2.79473e+06
2.79221e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

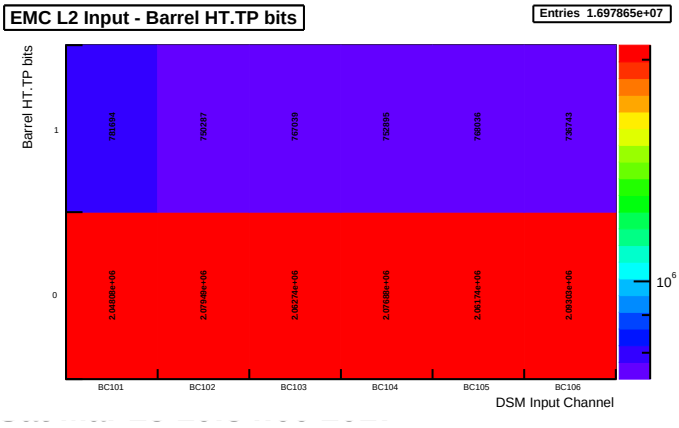

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

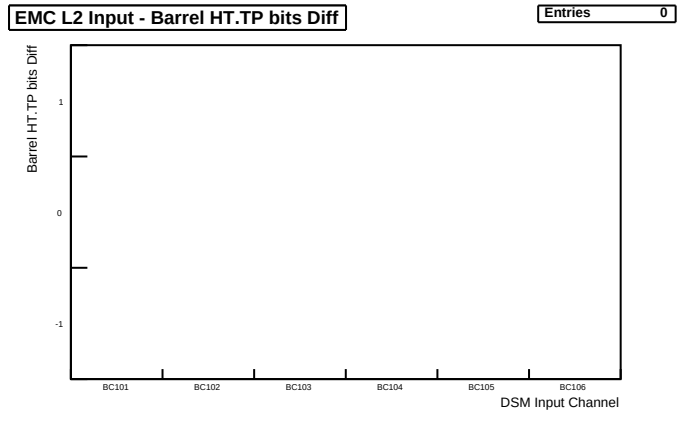

EMC L2 Input - BHT1 bits
Entries 1.697865e+07
BHT1
21685
22065
20109
22090
23916
10769
2.80699e+06
2.80712e+06
2.80967e+06
2.80769e+06
2.80586e+06
2.81901e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

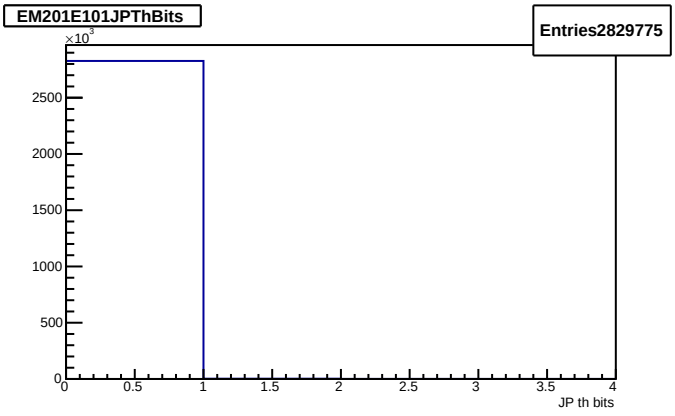

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

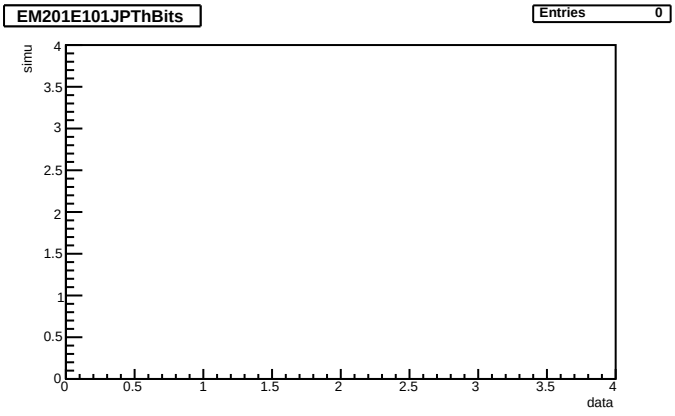

EMC L2 Input - BHT2 bits
Entries 1.697865e+07
BHT2
9532
9952
9046
9807
10465
8995
2.82019e+06
2.81951e+06
2.82073e+06
2.81997e+06
2.81934e+06
2.82078e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

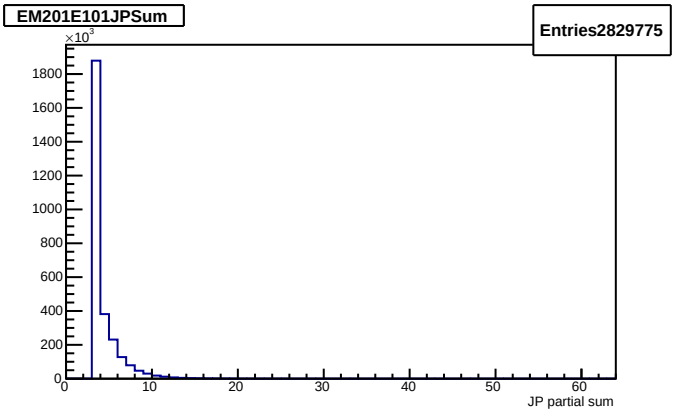

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

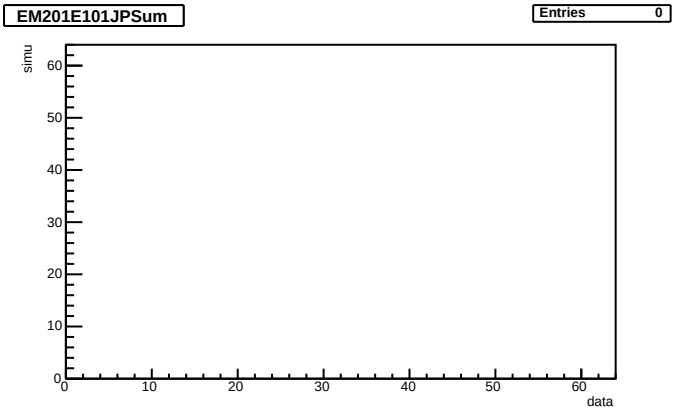

EMC L2 Input - Barrel HT.TP bits
Entries 1.697865e+07
Barrel HT.TP bits
781694
792237
757039
752895
768056
736743
2.04388e+06
2.07949e+06
2.06274e+06
2.07688e+06
2.06174e+06
2.08303e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

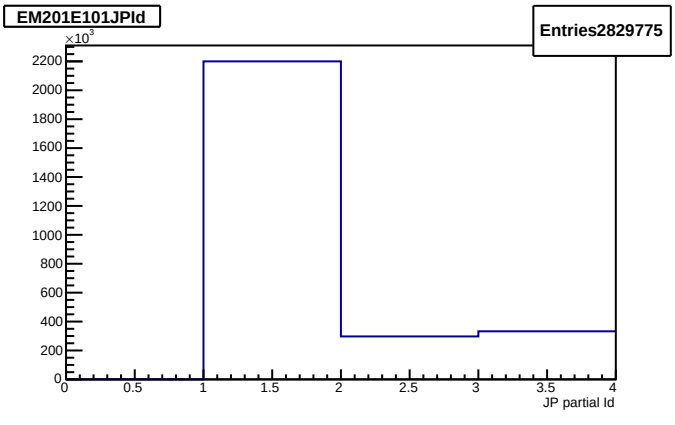

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


EM201E101JPThBits
Entries2829775
×10^3
JP th bits


EM201E101JPThBits
Entries 0
simu
data


EM201E101JPSum
Entries2829775
×10^3
JP partial sum


EM201E101JPSum
Entries 0
simu
data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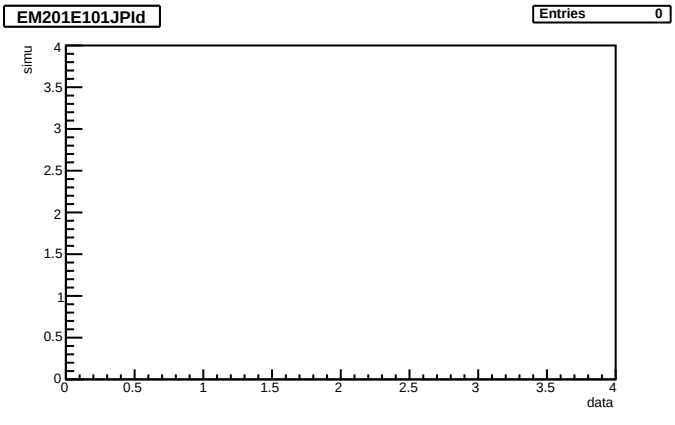
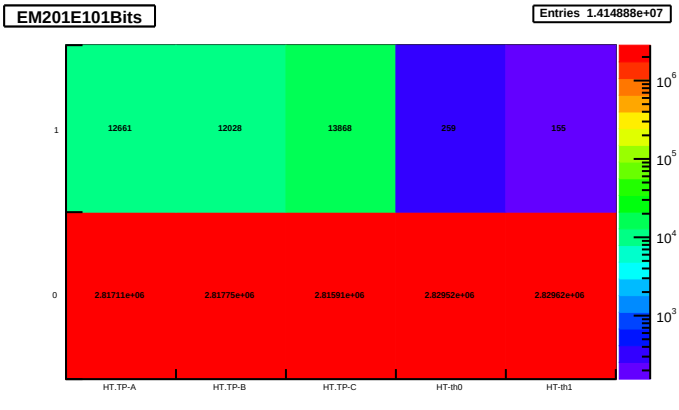
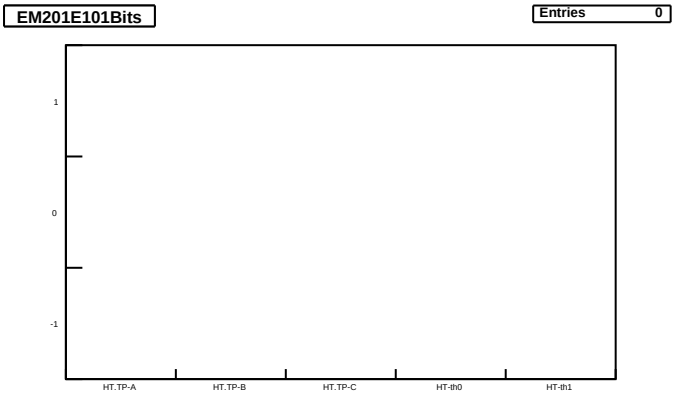
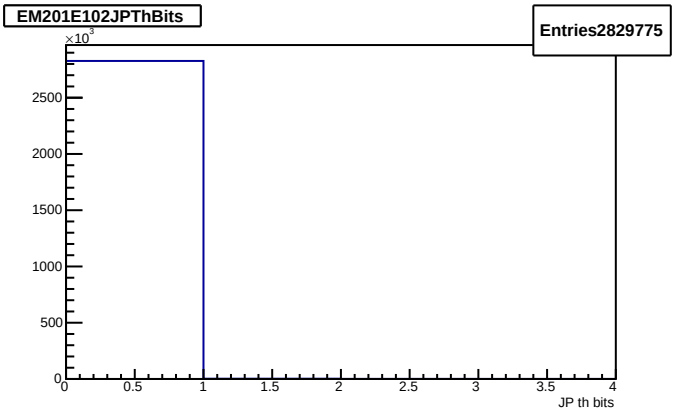
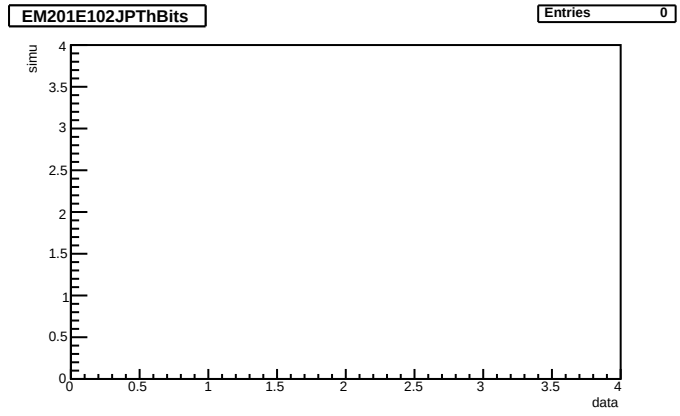
Entries2829775
×10^3
JP partial Id

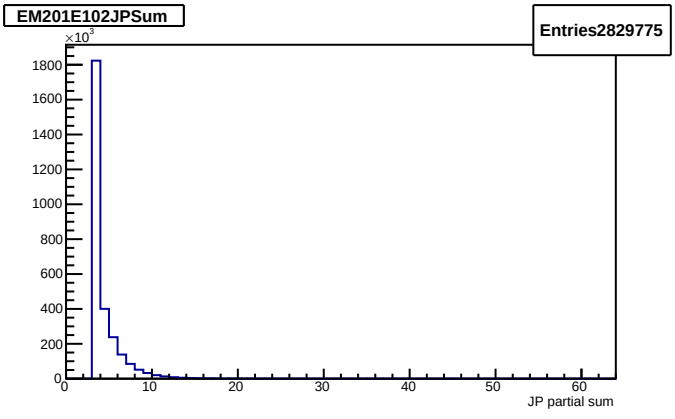

EM201E101JPId
Entries 0
simu
data

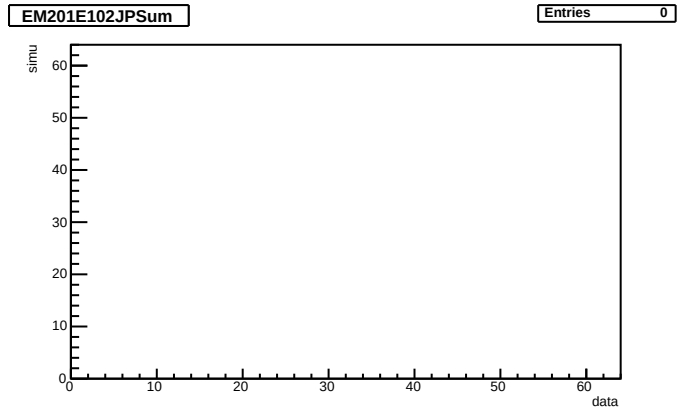

EM201E101Bits
Entries 1.414888e+07
12661
12028
13868
259
155
2.81711e+06
2.81775e+06
2.81591e+06
2.82952e+06
2.82962e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

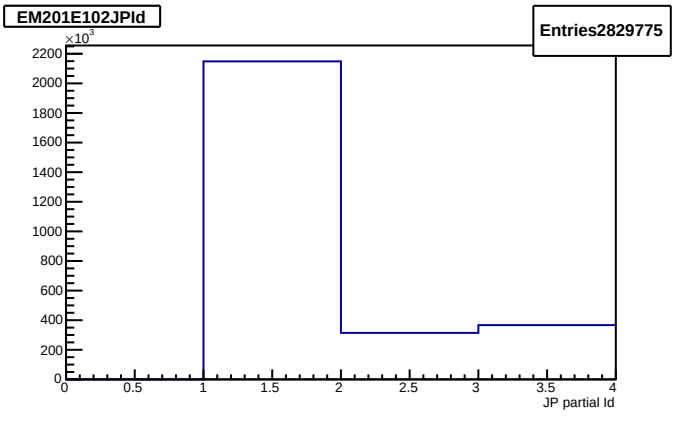

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

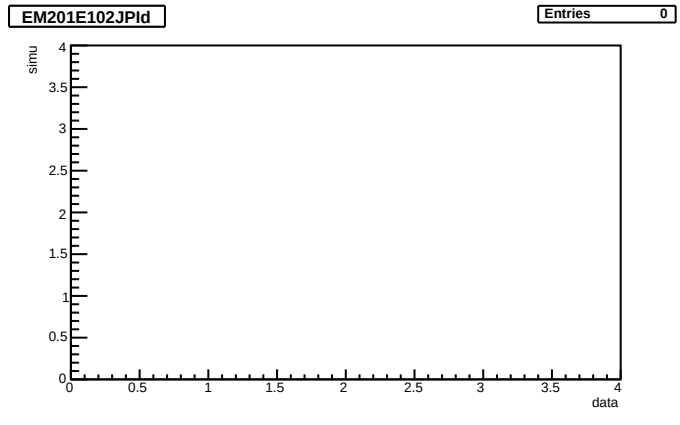

EM201E102JPThBits
Entries2829775
×10^3
JP th bits

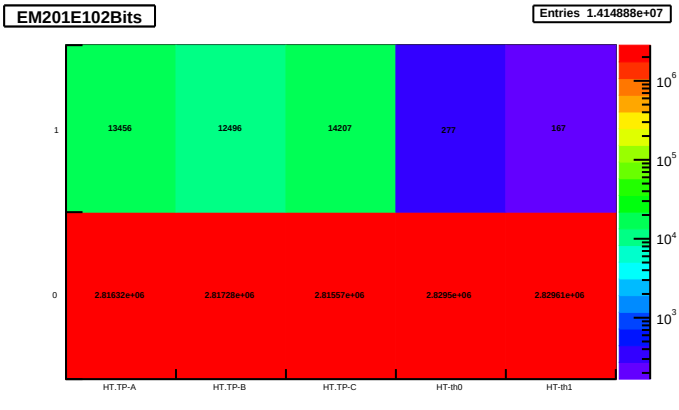

EM201E102JPThBits
Entries 0
simu
data

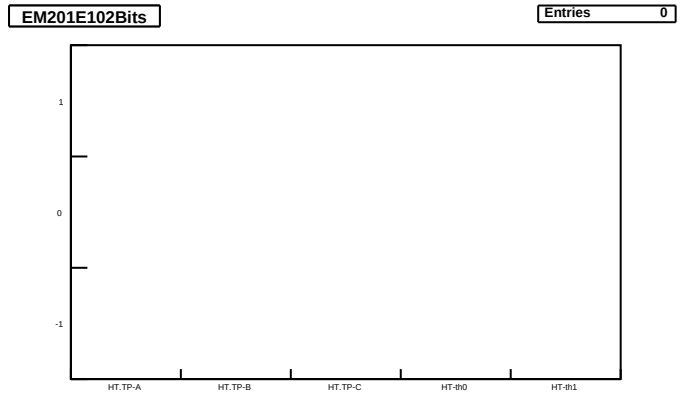

EM201E102JPSum
Entries2829775
×10^3
JP partial sum

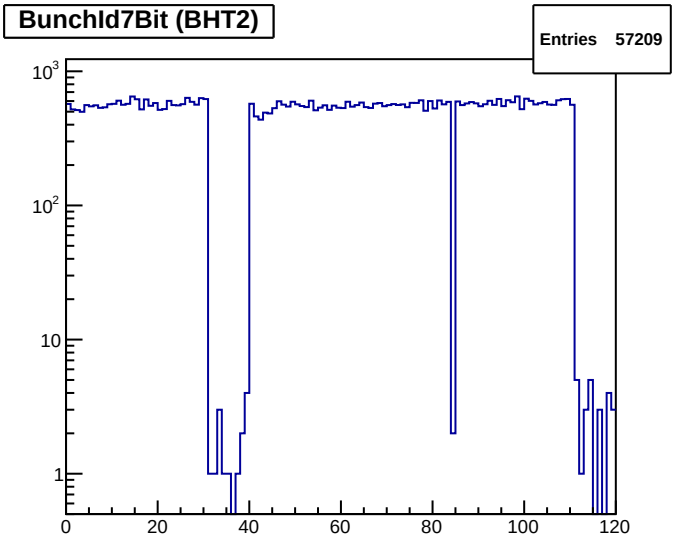

EM201E102JPSum
Entries 0
simu
data

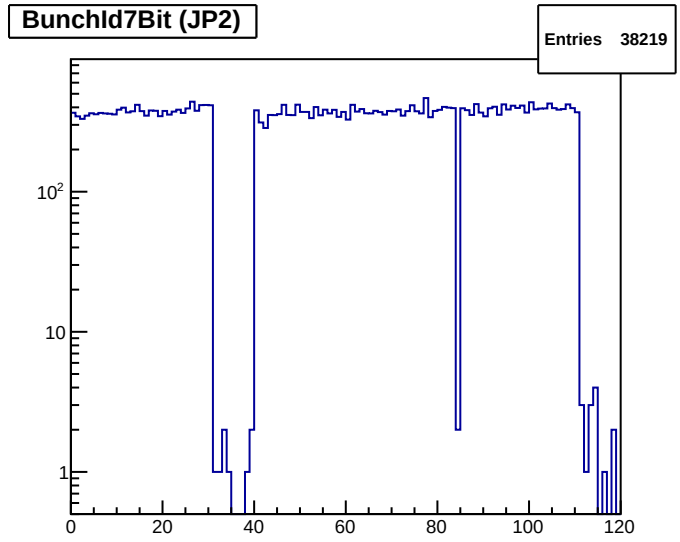

EM201E102JPId
Entries2829775
×10^3
JP partial Id

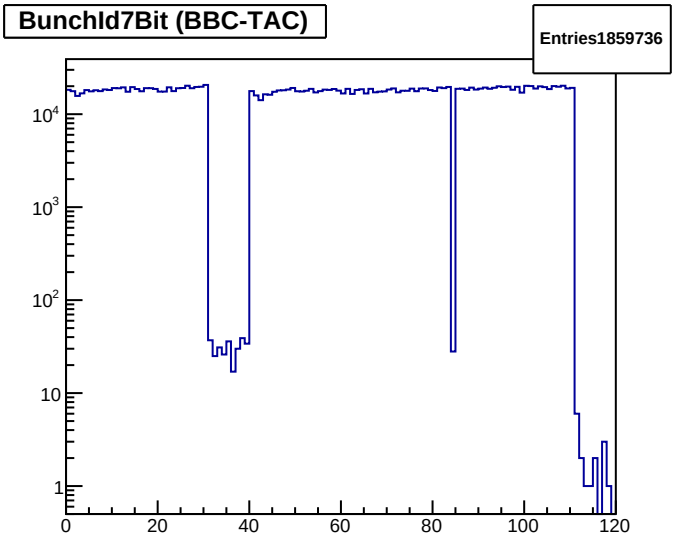

EM201E102JPId
Entries 0
simu
data

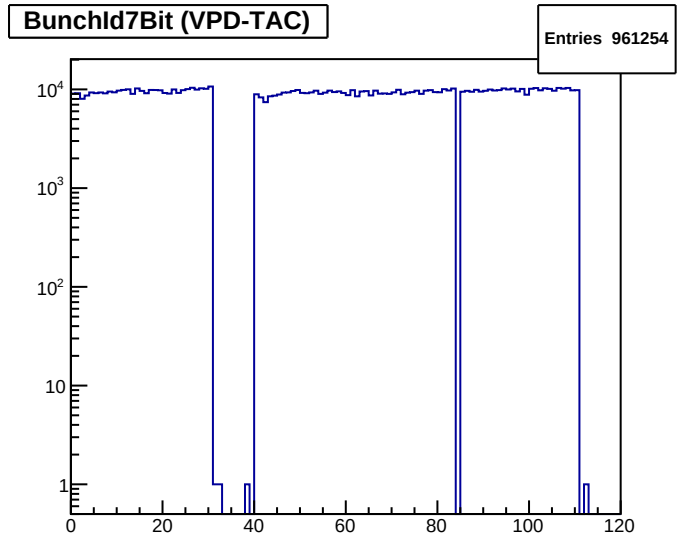

EM201E102Bits
Entries 1.414888e+07
13456
12496
14207
277
167
2.81632e+06
2.81728e+06
2.81557e+06
2.8295e+06
2.82961e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

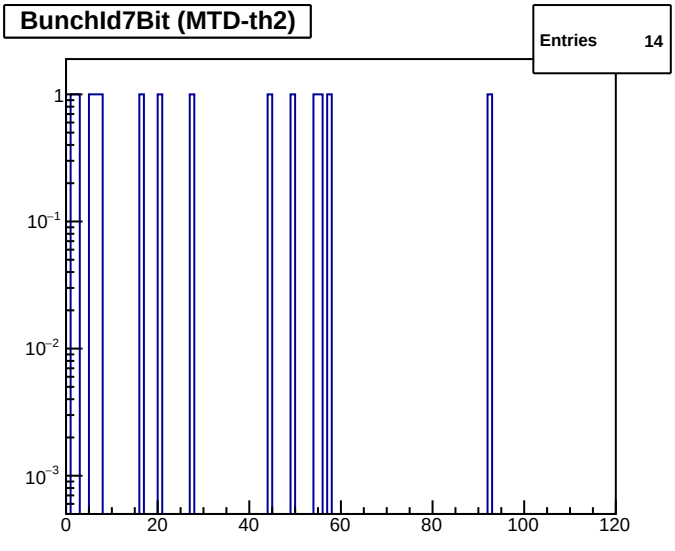

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

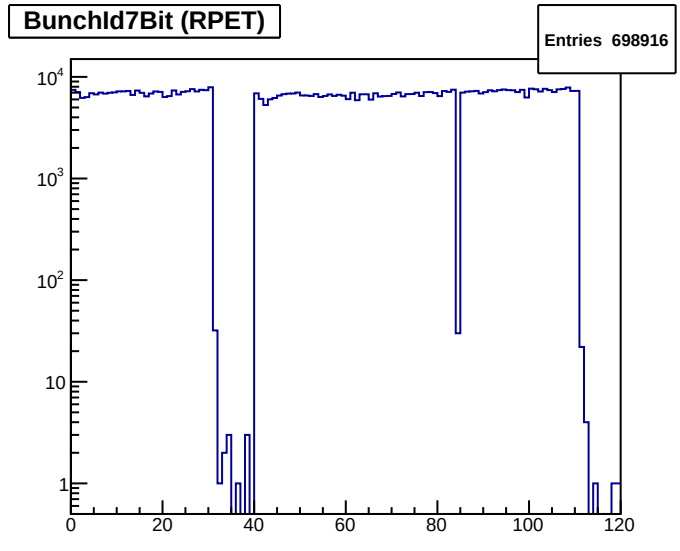

BunchId7Bit (BHT2)
Entries 57209

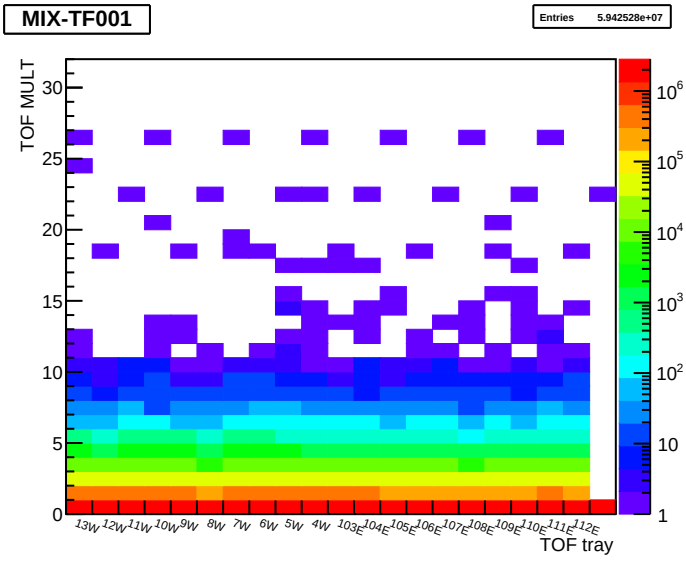

BunchId7Bit (JP2)
Entries 38219

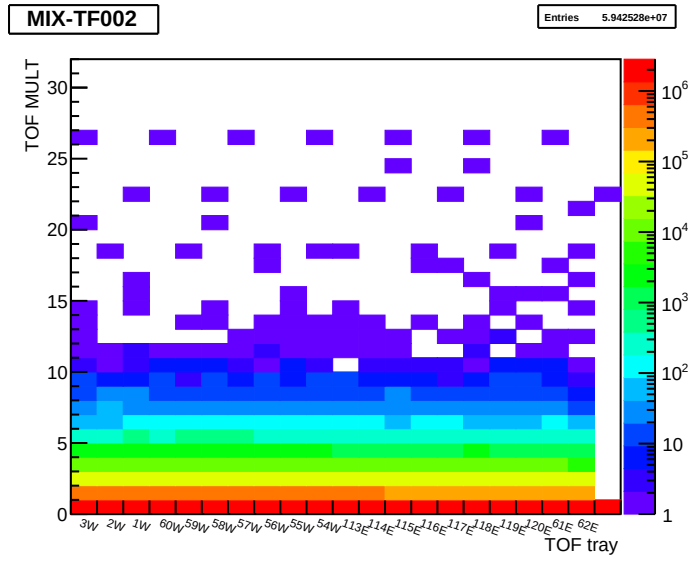

BunchId7Bit (BBC-TAC)
Entries1859736

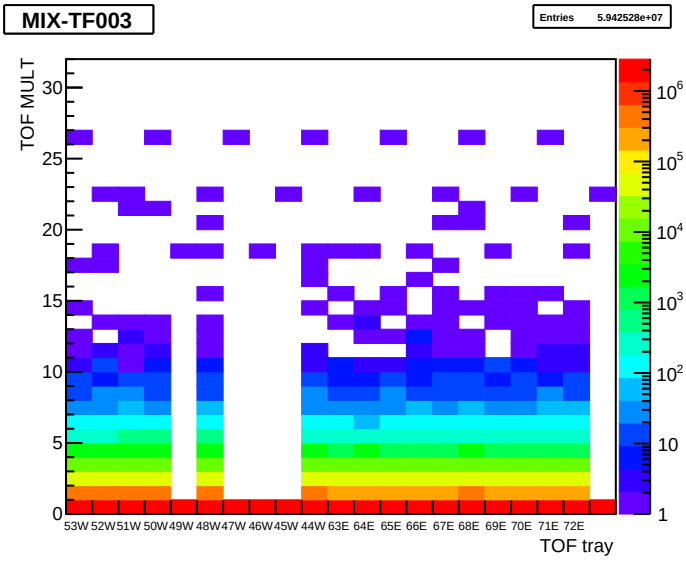

BunchId7Bit (VPD-TAC)
Entries 961254

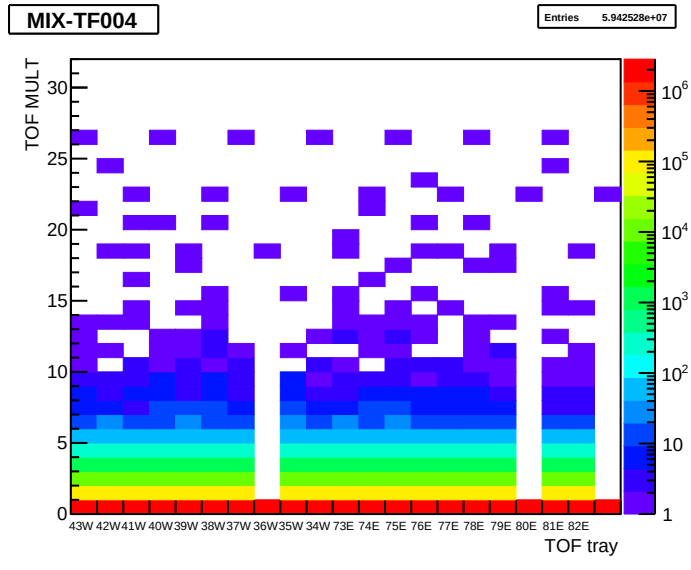

BunchId7Bit (MTD-th2)
Entries 14

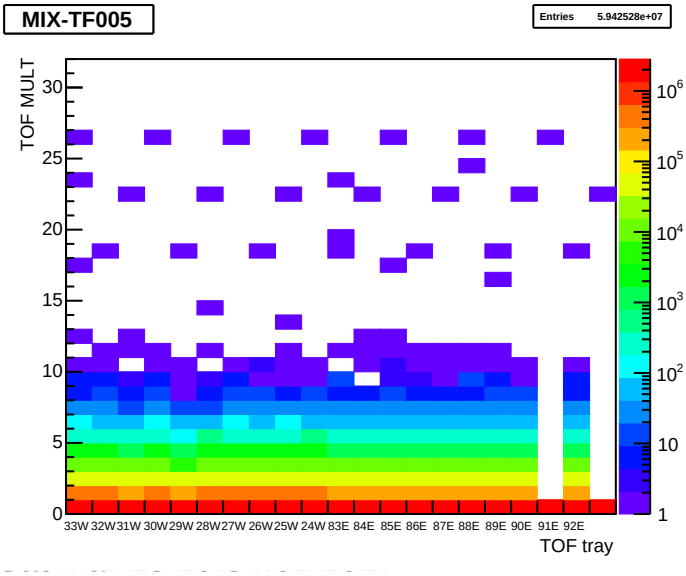

BunchId7Bit (RPET)
Entries 698916

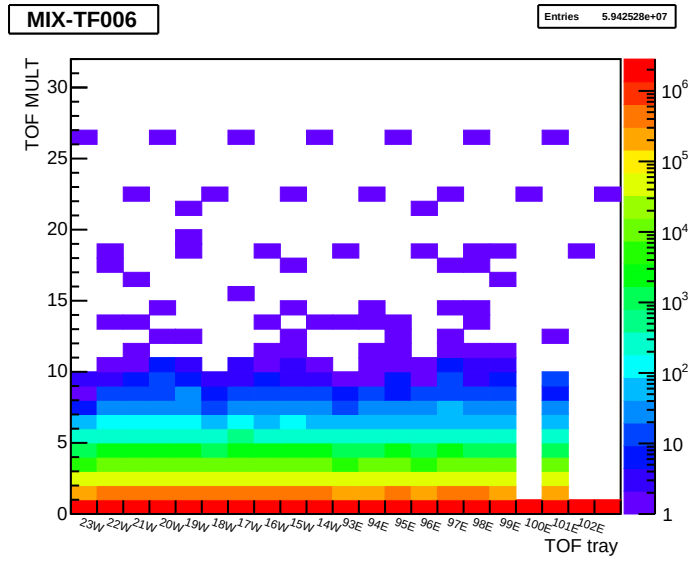

MIX-TF001
Entries 5.942528e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

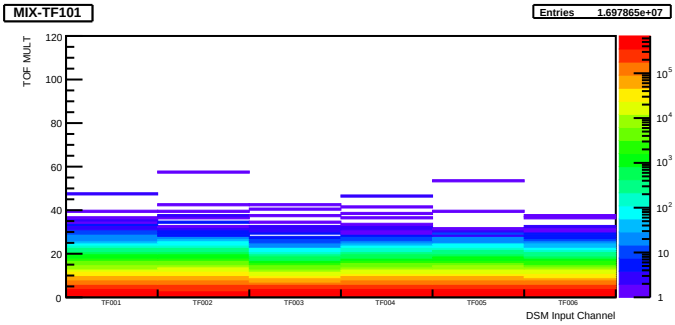

MIX-TF002
Entries 5.942528e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

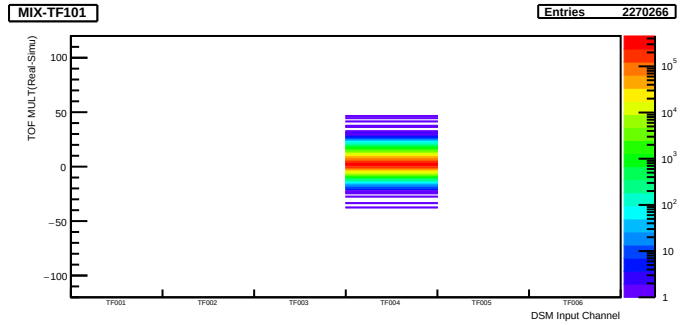

MIX-TF003
Entries 5.942528e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

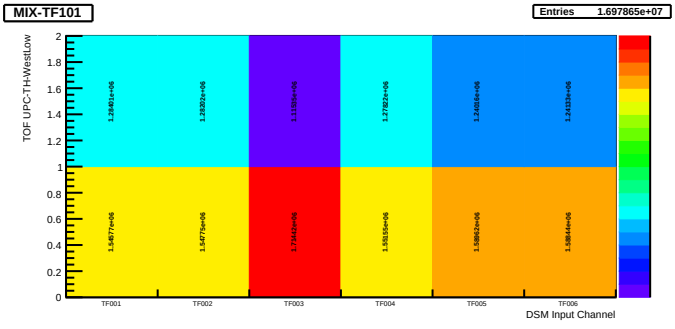

MIX-TF004
Entries 5.942528e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

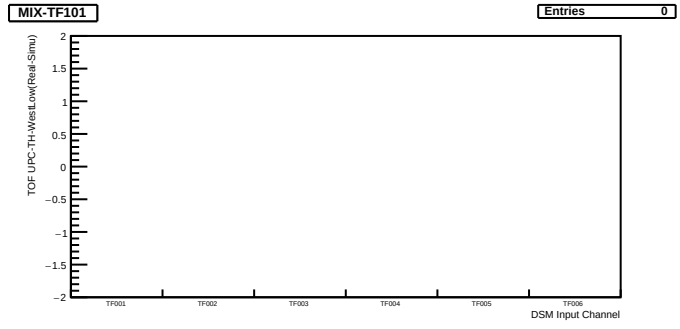

MIX-TF005
Entries 5.942528e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

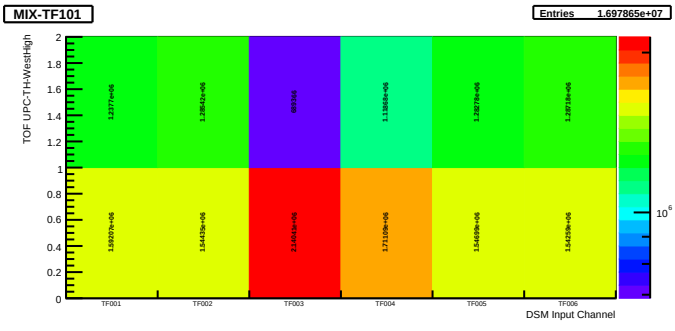

MIX-TF006
Entries 5.942528e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

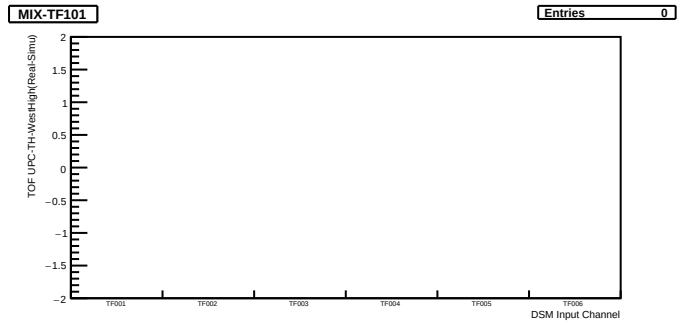

MIX-TF101
Entries 1.697865e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

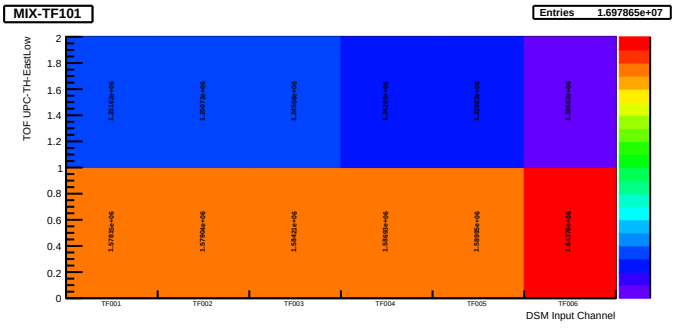

MIX-TF101
Entries 2270266
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

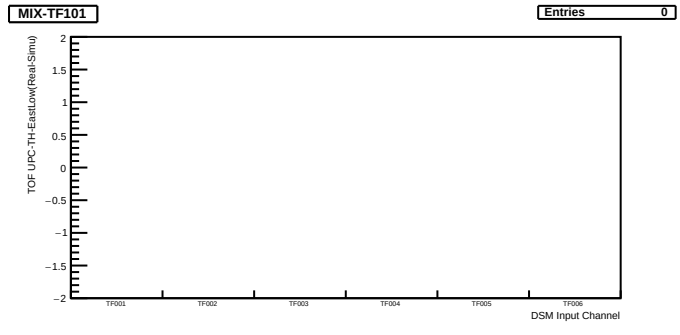

MIX-TF101
Entries 1.697865e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

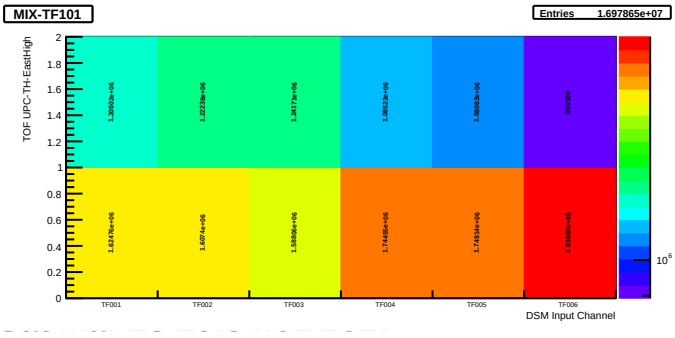

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

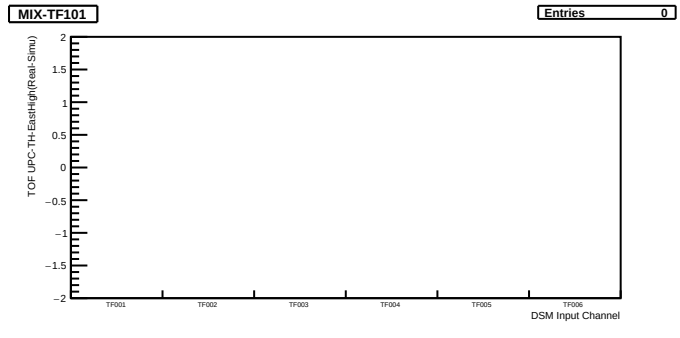

MIX-TF101
Entries 1.697865e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

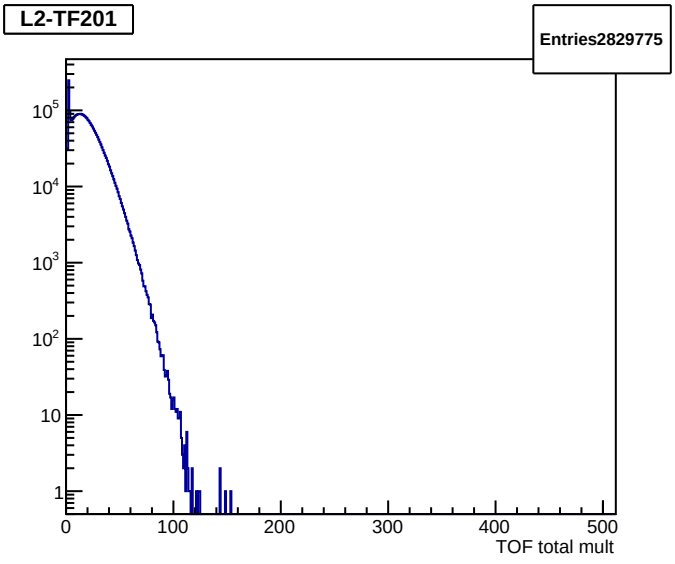

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

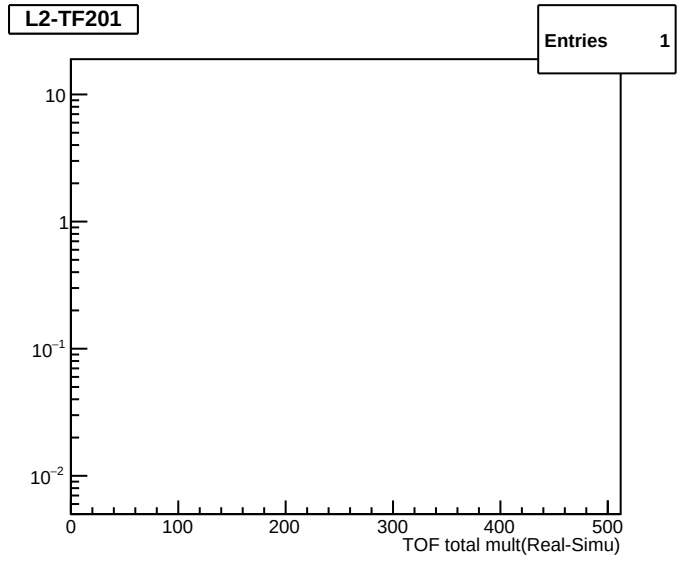

MIX-TF101
Entries 1.697865e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

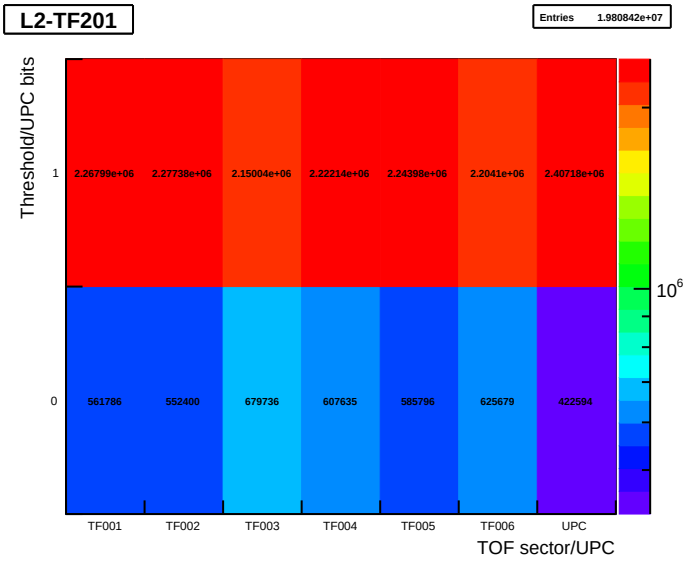

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

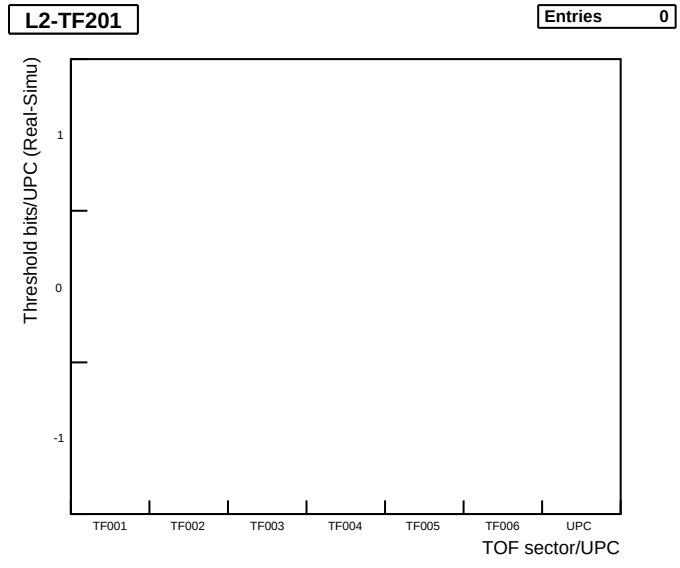

MIX-TF101
Entries 1.697865e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

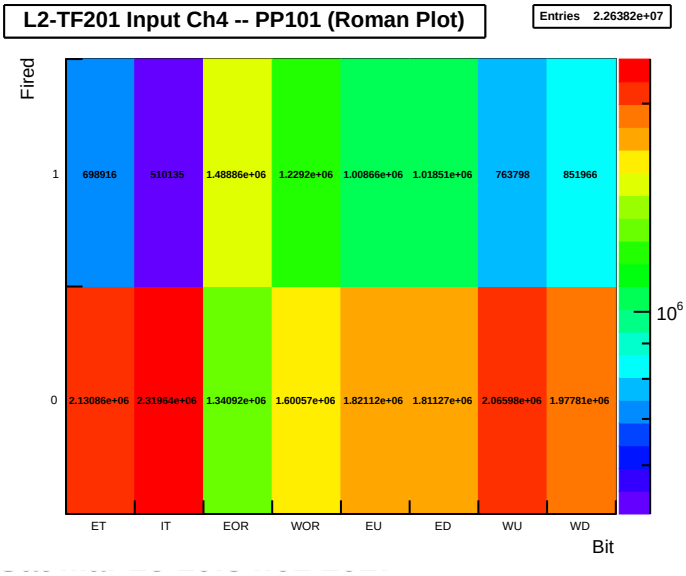

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

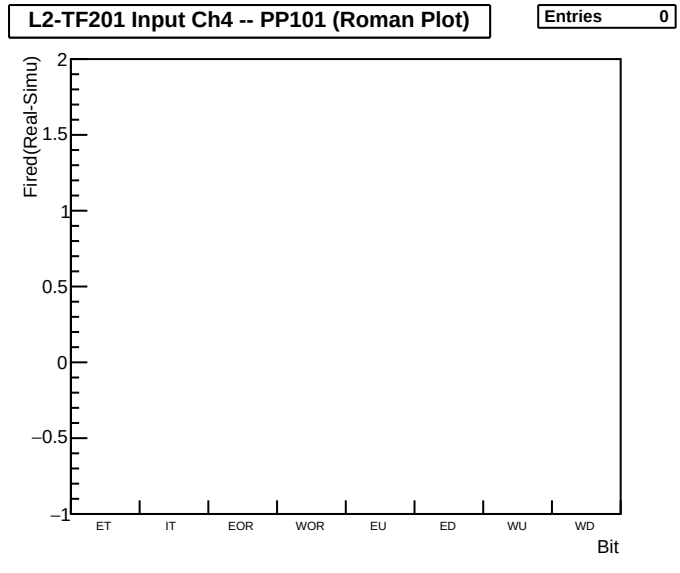

L2-TF201
Entries2829775
TOF total mult

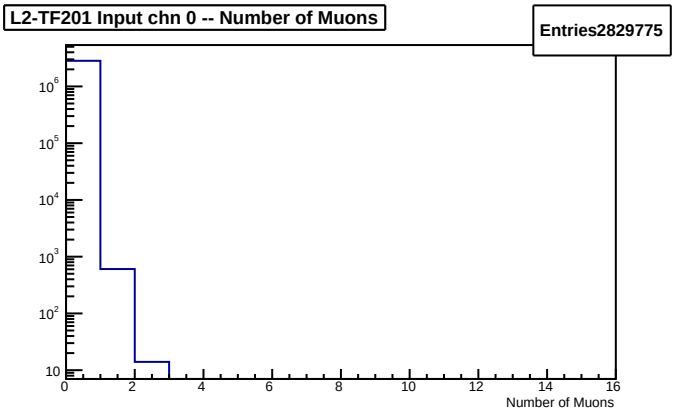

L2-TF201
Entries 1
TOF total mult(Real-Simu)

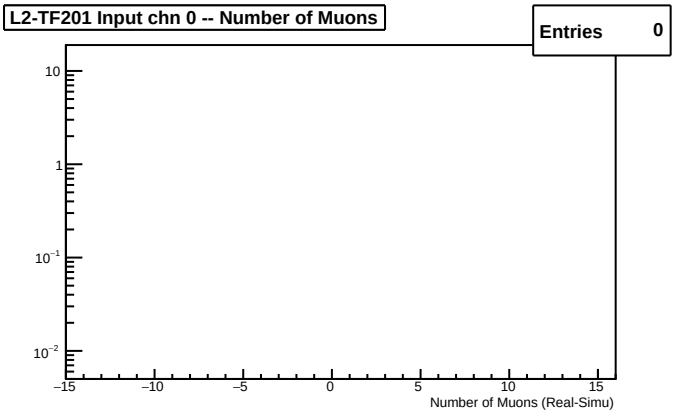

L2-TF201
Entries 1.980842e+07
Threshold/UPC bits
2.26799e+06
2.27738e+06
2.15004e+06
2.22214e+06
2.24398e+06
2.2041e+06
2.40718e+06
561786
552400
679736
607635
585796
625679
422594
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

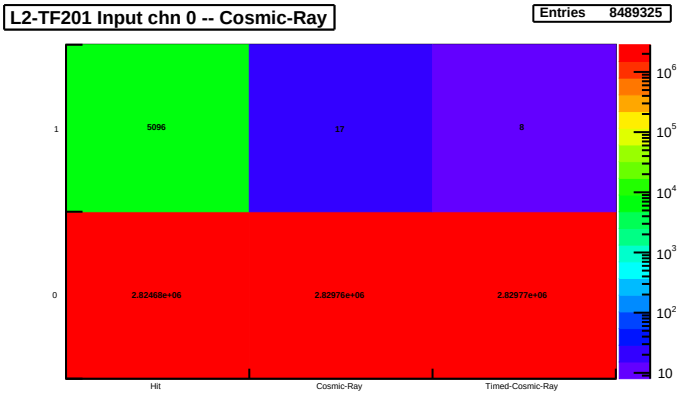

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

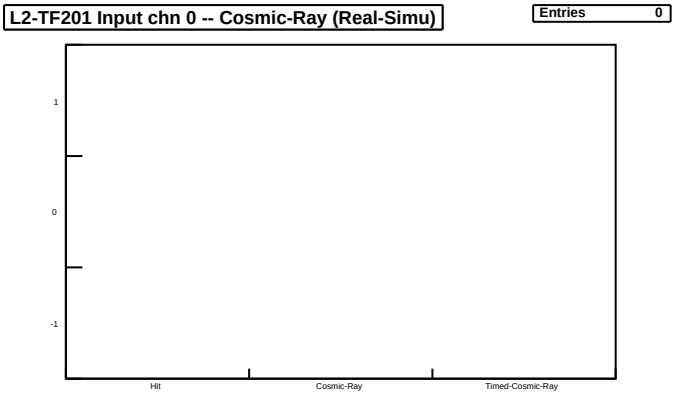

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.26382e+07
Fired
698916
510135
1.48886e+06
1.2292e+06
1.00866e+06
1.01851e+06
763798
851966
2.13086e+06
2.31964e+06
1.34092e+06
1.60057e+06
1.82112e+06
1.81127e+06
2.06598e+06
1.97781e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

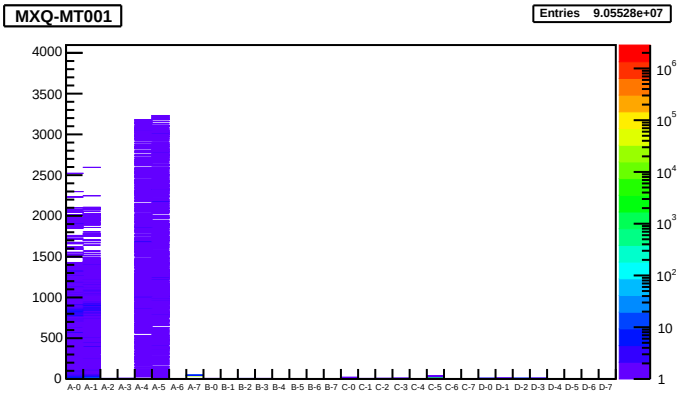

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

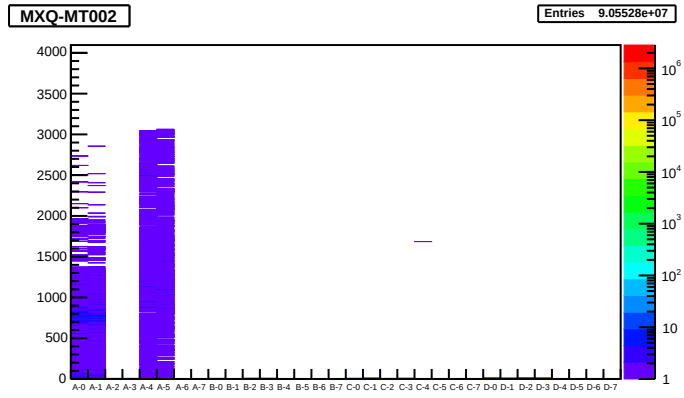

L2-TF201 Input chn 0 -- Number of Muons
Entries2829775
Number of Muons

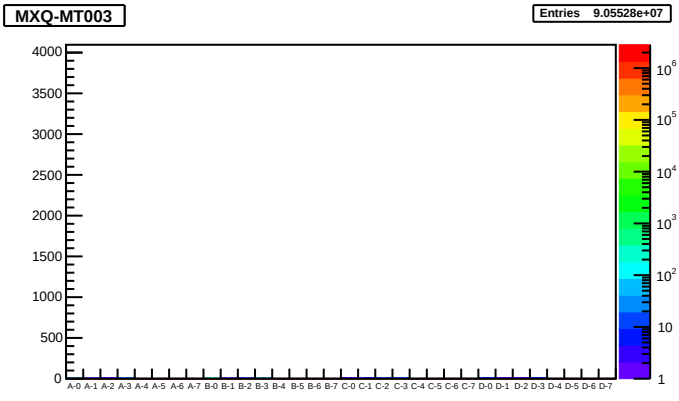

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

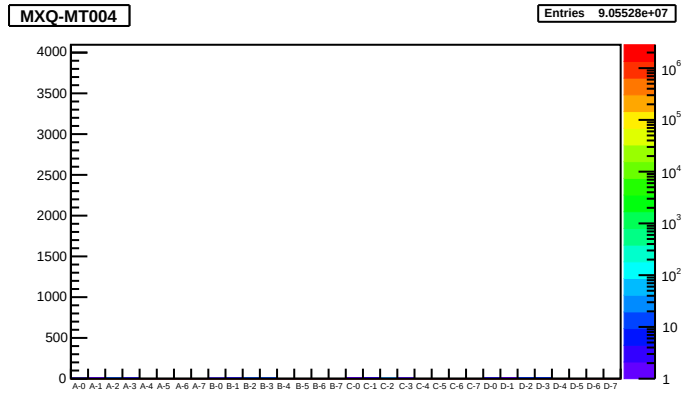

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 8489325
5096
17
8
2.82468e+06
2.82976e+06
2.82977e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 9.05528e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 9.05528e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 9.05528e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 9.05528e+07
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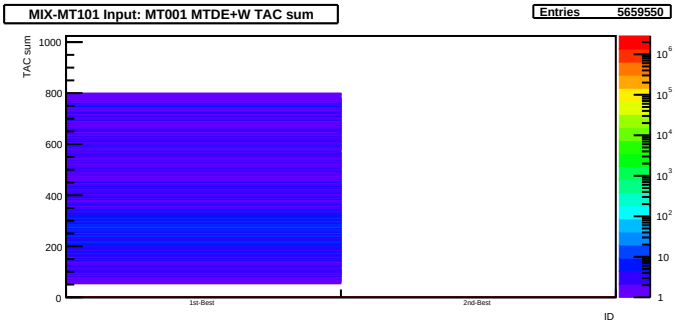
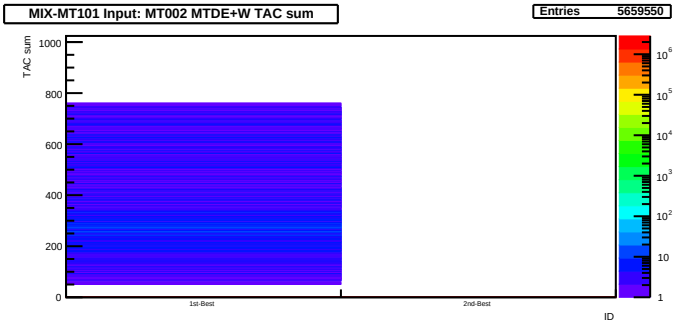
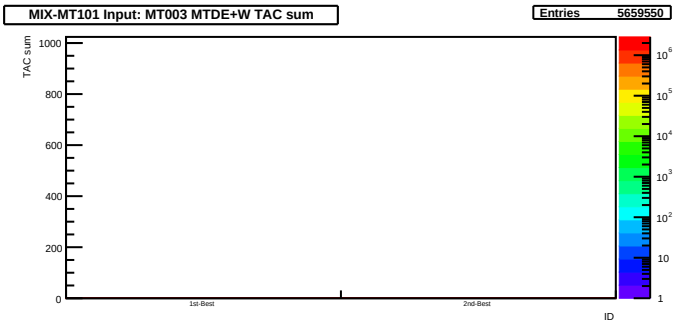
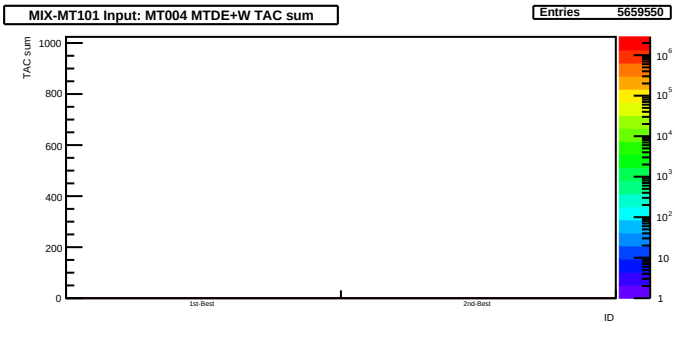
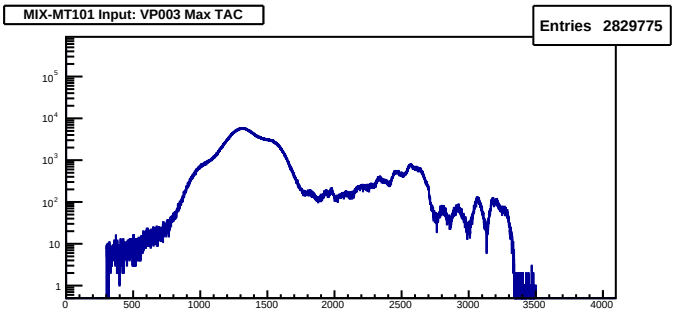
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

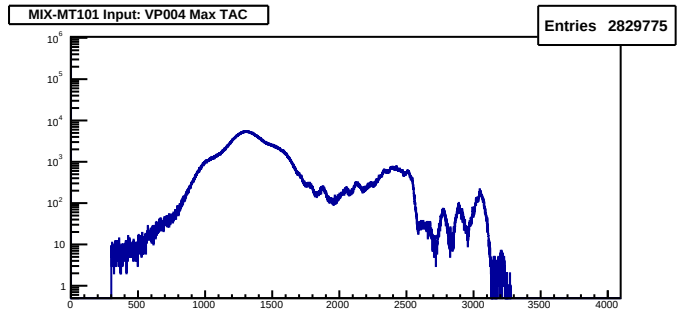

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5659550
TAC sum
1st-Best
2nd-Best
ID

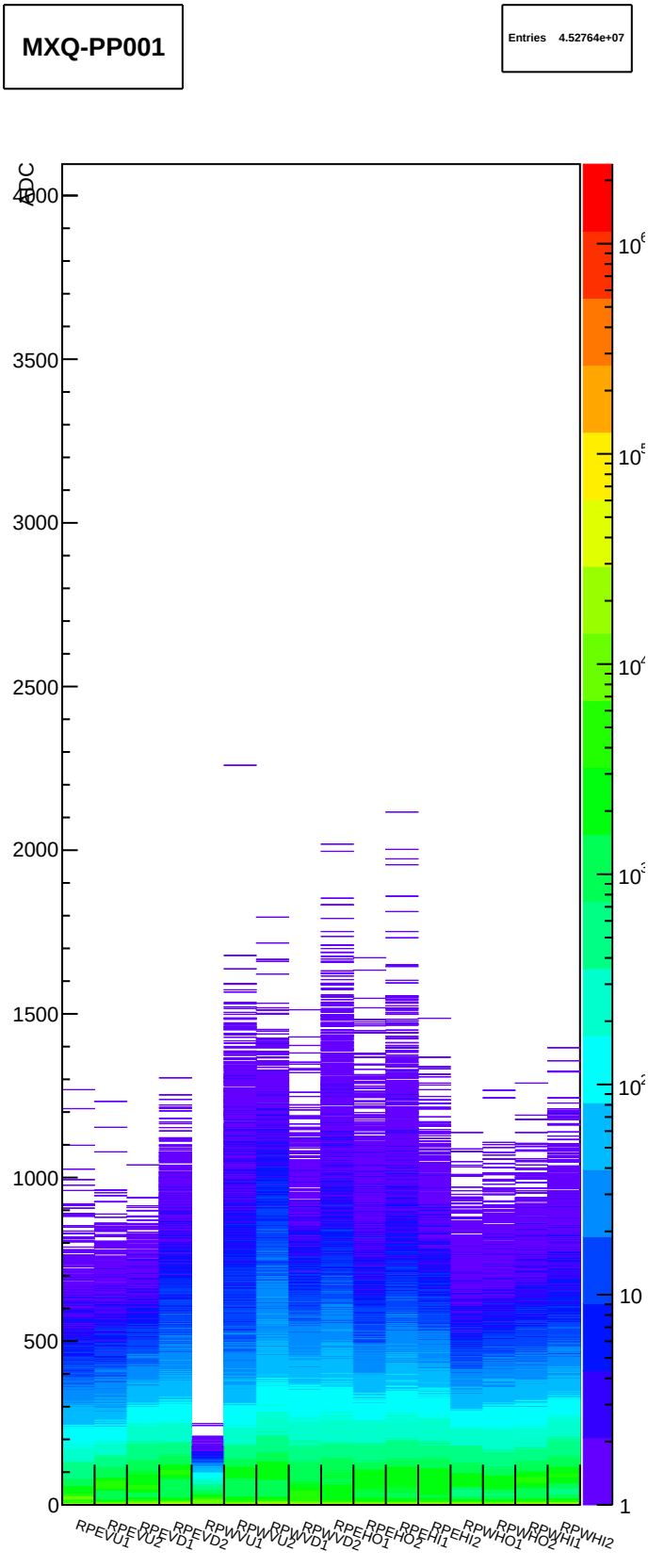

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5659550
TAC sum
1st-Best
2nd-Best
ID

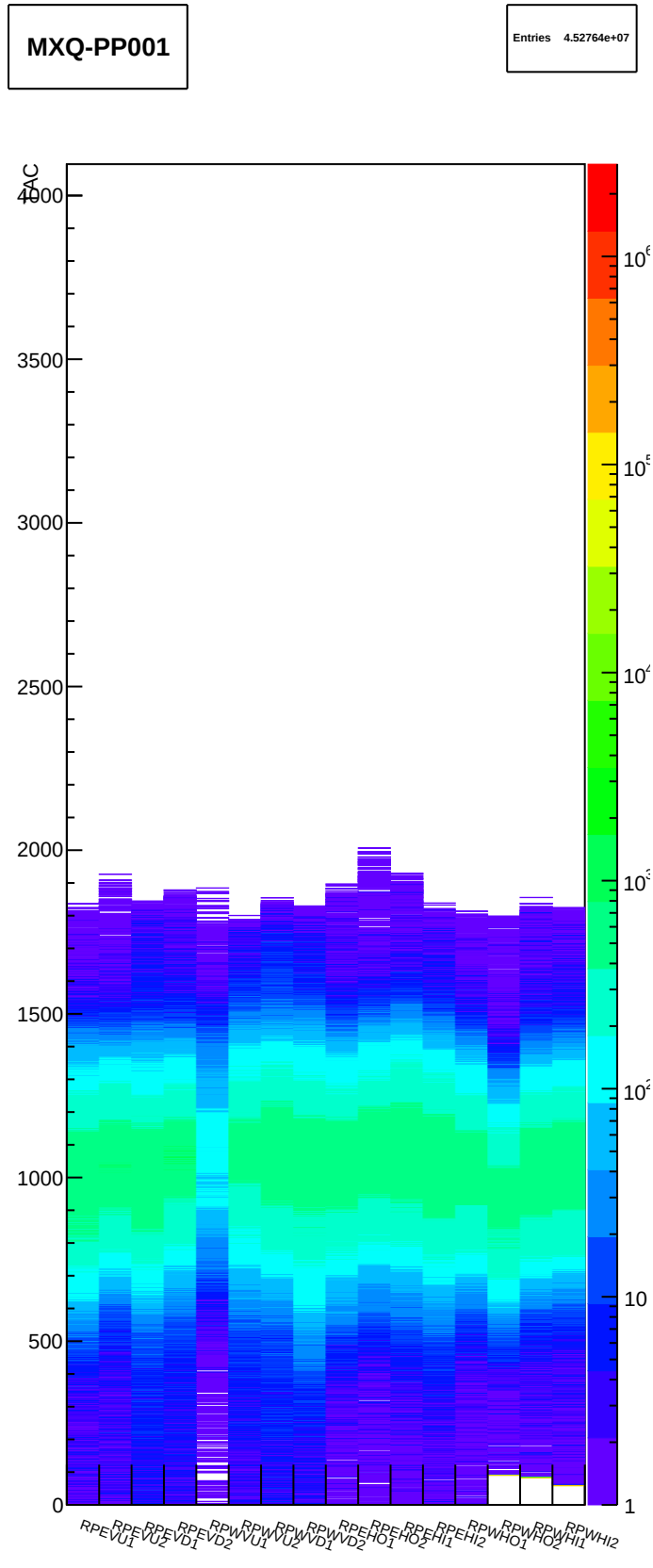

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5659550
TAC sum
1st-Best
2nd-Best
ID

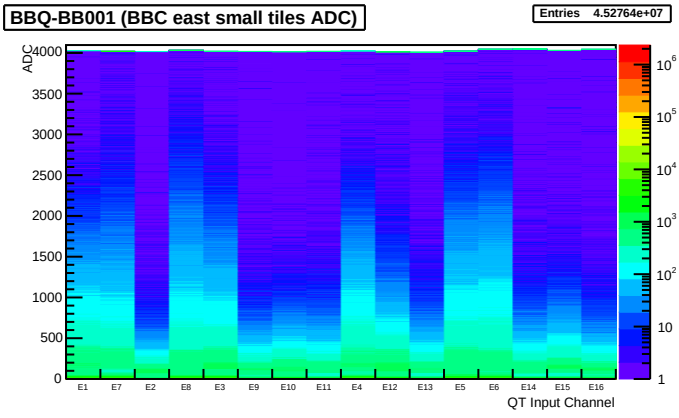

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5659550
TAC sum
1st-Best
2nd-Best
ID

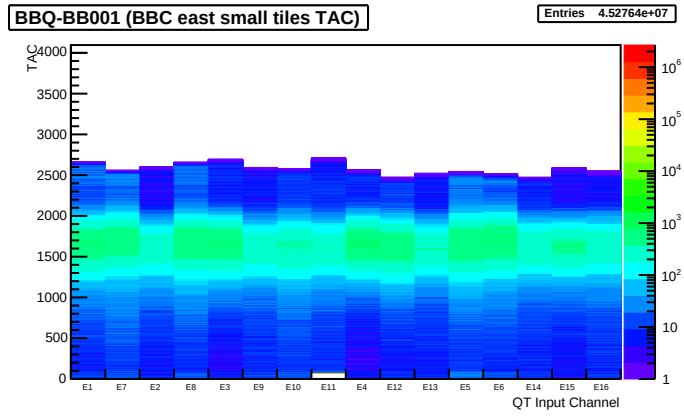

MIX-MT101 Input: VP003 Max TAC
Entries 2829775

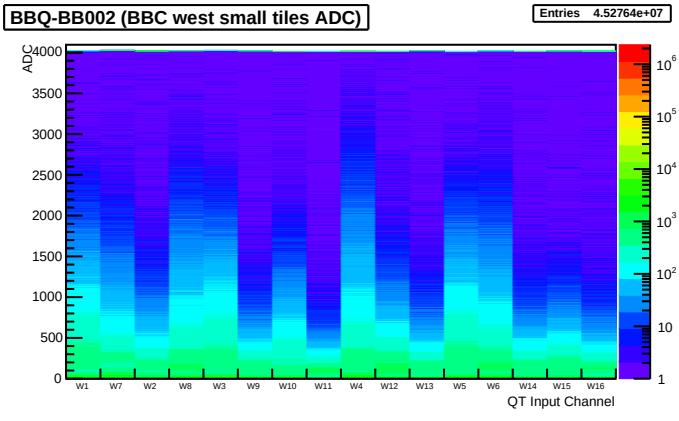

MIX-MT101 Input: VP004 Max TAC
Entries 2829775

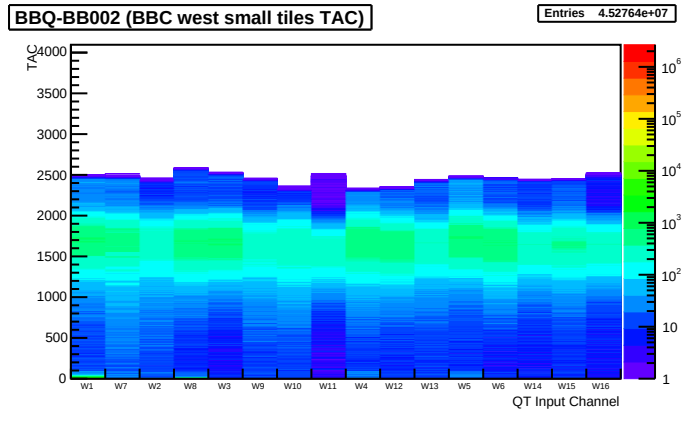

MXQ-PP001
Entries 4.52764e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

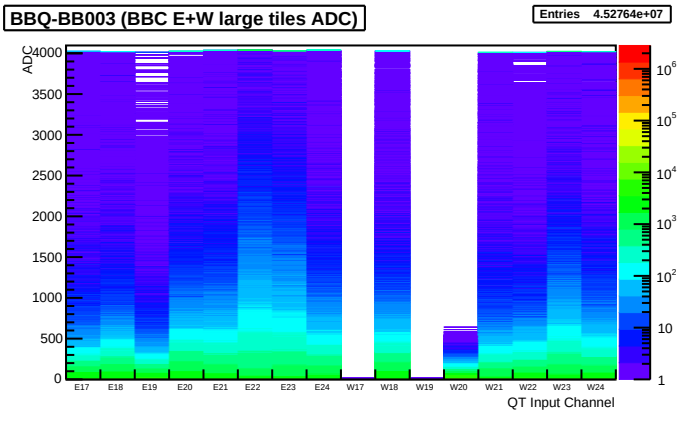

MXQ-PP001
Entries 4.52764e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

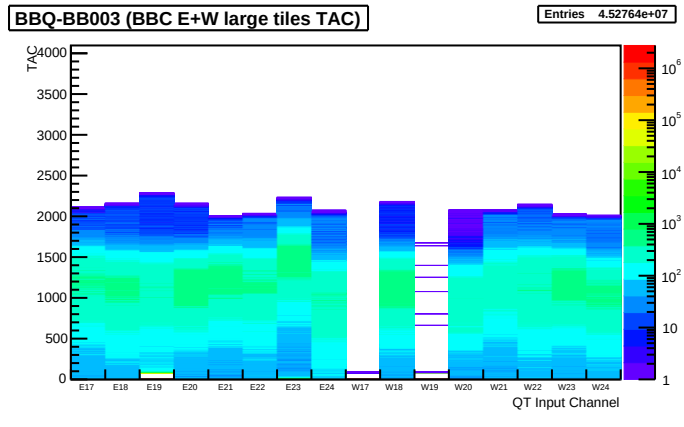

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.52764e+07
ADC
QT Input Channel

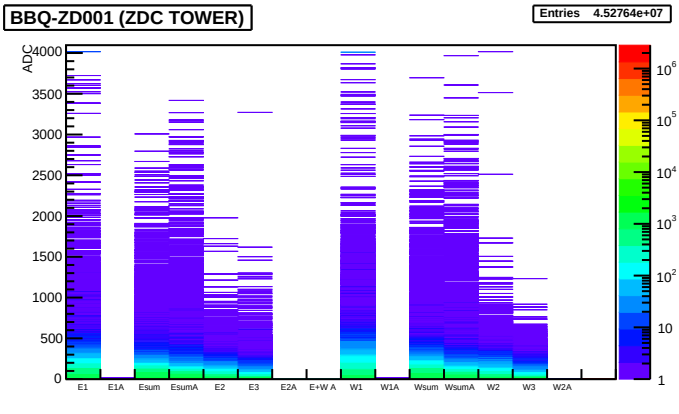

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.52764e+07
TAC
QT Input Channel

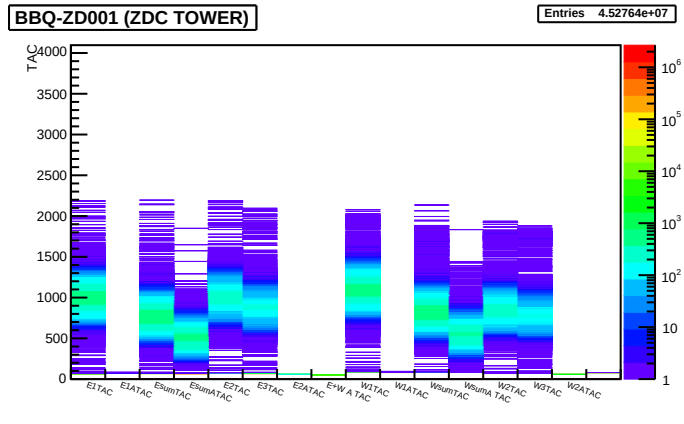

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.52764e+07
ADC
QT Input Channel

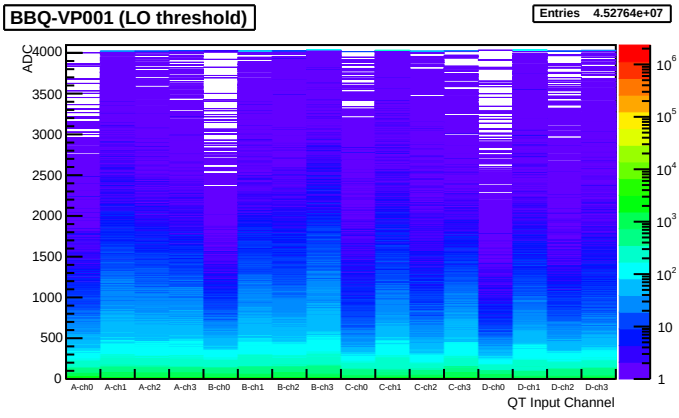

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.52764e+07
TAC
QT Input Channel

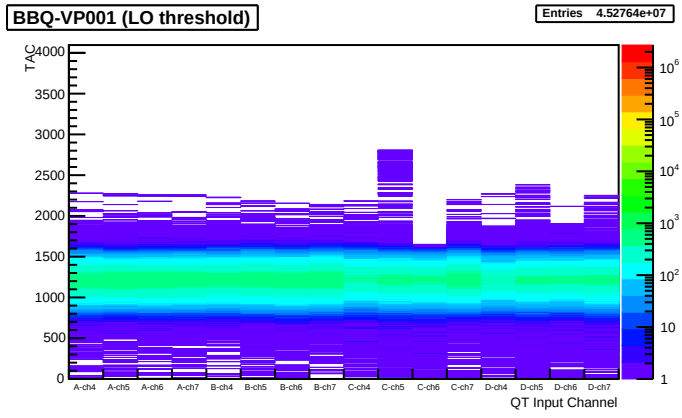

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.52764e+07
ADC
QT Input Channel

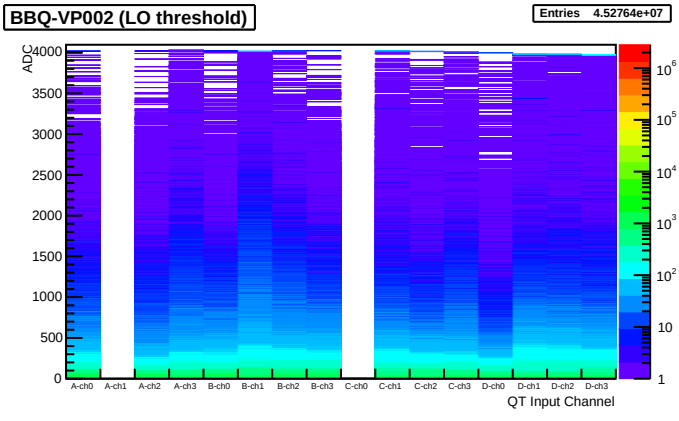

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.52764e+07
TAC
QT Input Channel

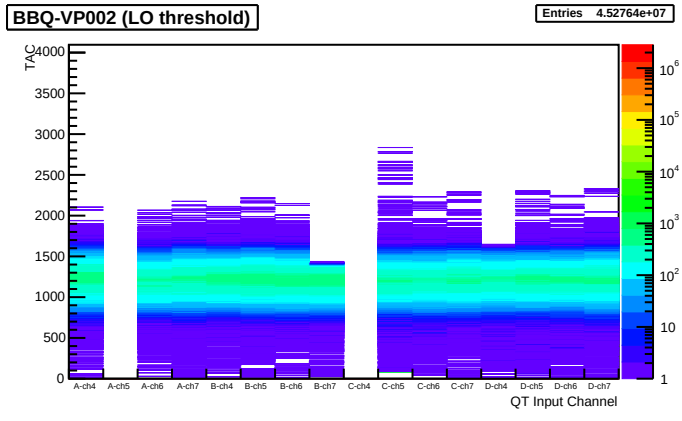

BBQ-ZD001 (ZDC TOWER)
Entries 4.52764e+07
ADC

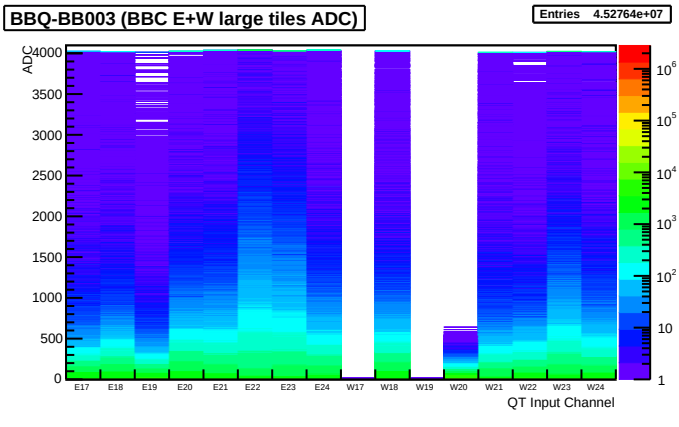

BBQ-ZD001 (ZDC TOWER)
Entries 4.52764e+07
TAC

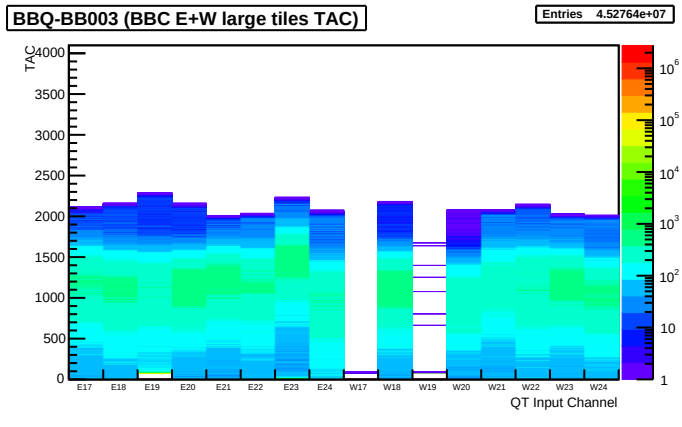

BBQ-VP001 (LO threshold)
Entries 4.52764e+07
ADC
QT Input Channel

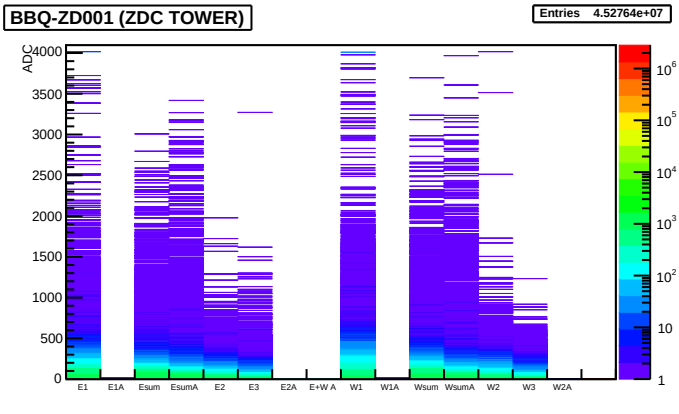

BBQ-VP001 (LO threshold)
Entries 4.52764e+07
TAC
QT Input Channel

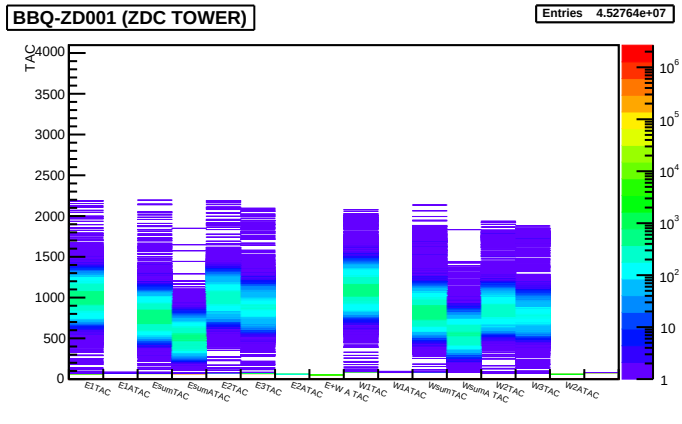

BBQ-VP002 (LO threshold)
Entries 4.52764e+07
ADC
QT Input Channel

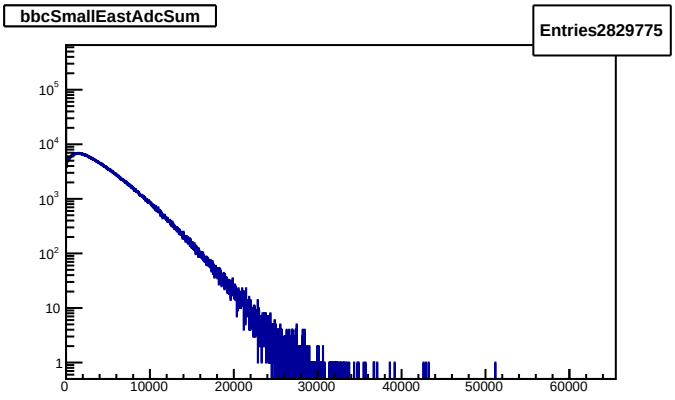

BBQ-VP002 (LO threshold)
Entries 4.52764e+07
TAC
QT Input Channel

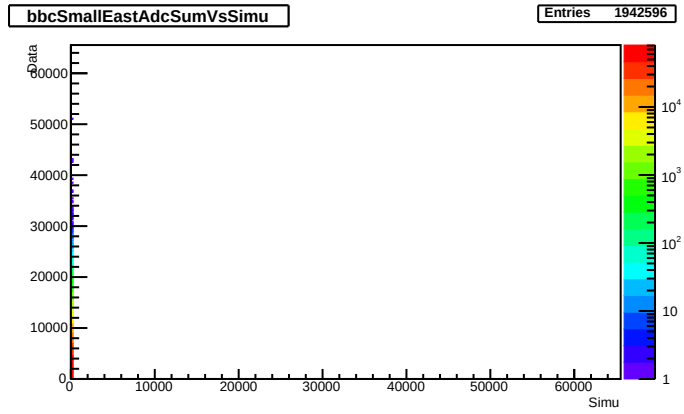

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.52764e+07
ADC
QT Input Channel

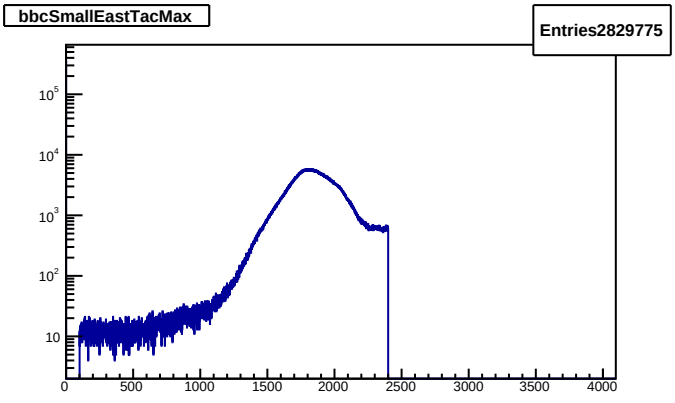

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.52764e+07
TAC
QT Input Channel

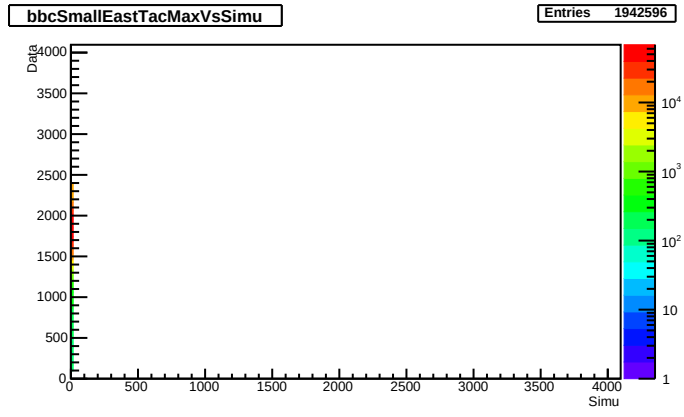

BBQ-ZD001 (ZDC TOWER)
Entries 4.52764e+07
ADC

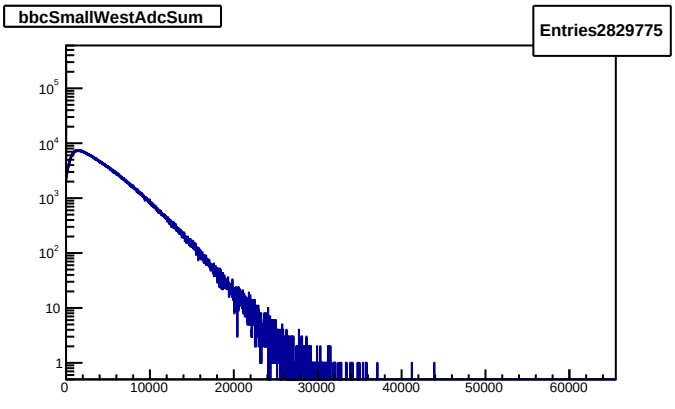

BBQ-ZD001 (ZDC TOWER)
Entries 4.52764e+07
TAC

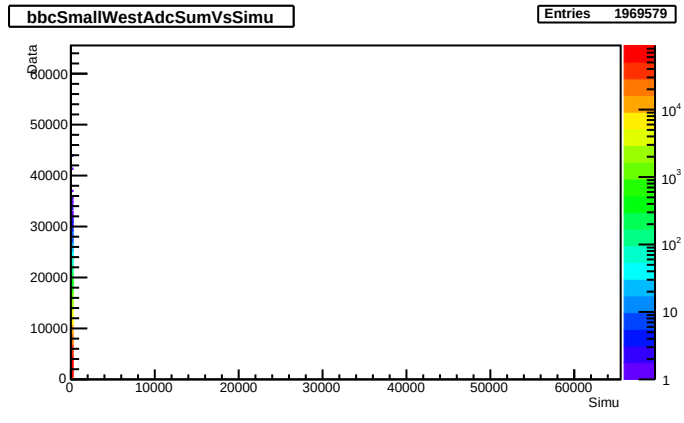

bbcSmallEastAdcSum
Entries2829775

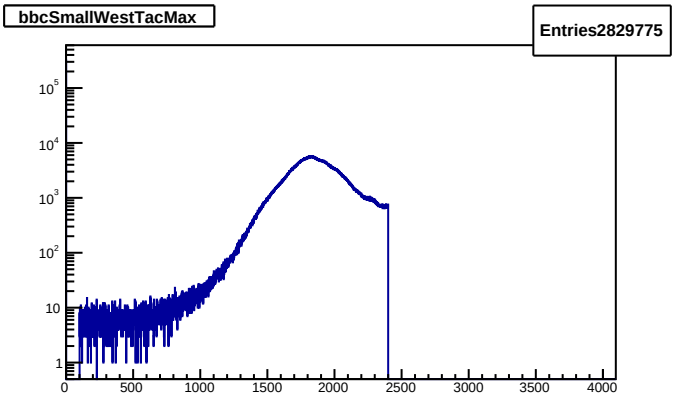

bbcSmallEastAdcSumVsSimu
Entries 1942596
Data
Simu

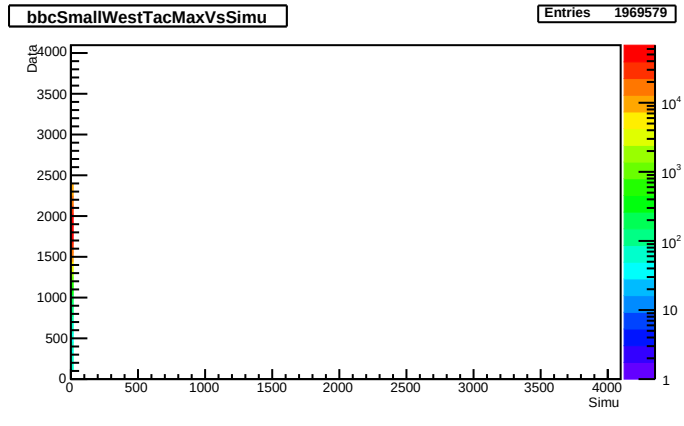

bbcSmallEastTacMax
Entries2829775

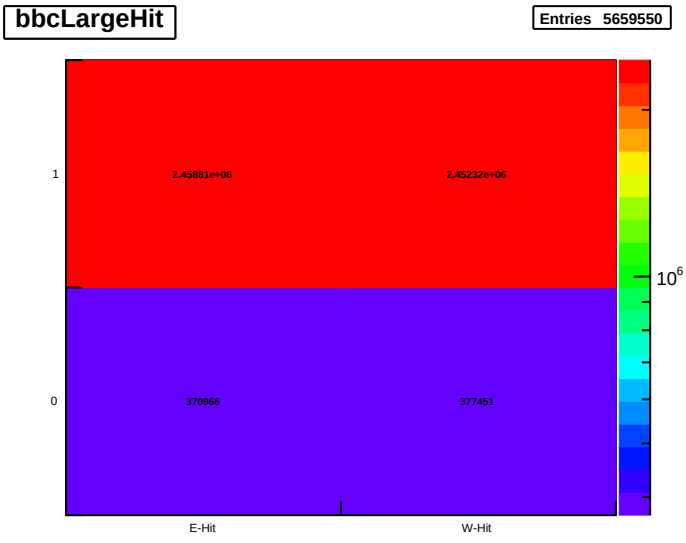

bbcSmallEastTacMaxVsSimu
Entries 1942596
Data
Simu

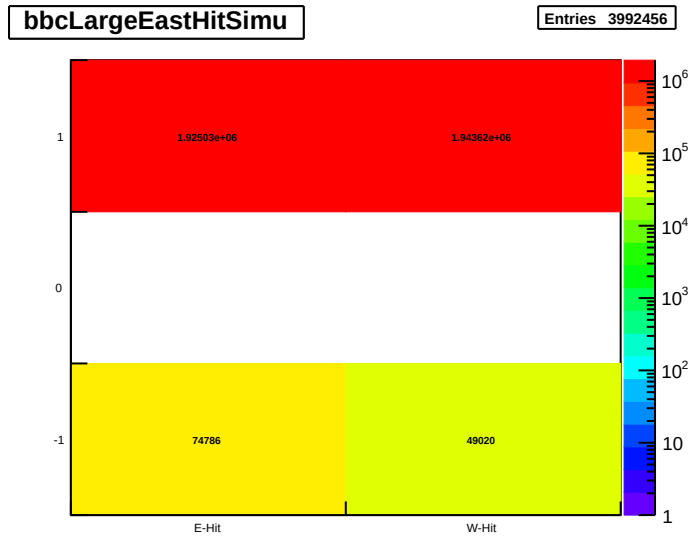

bbcSmallWestAdcSum
Entries2829775

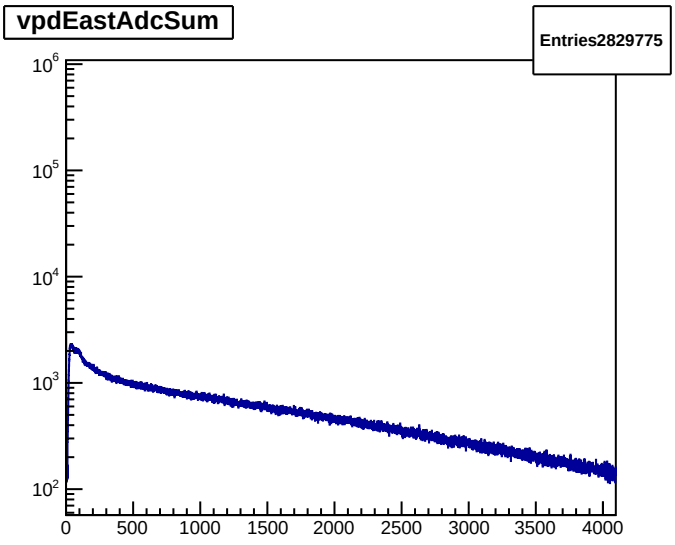

bbcSmallWestAdcSumVsSimu
Entries 1969579
Data
Simu

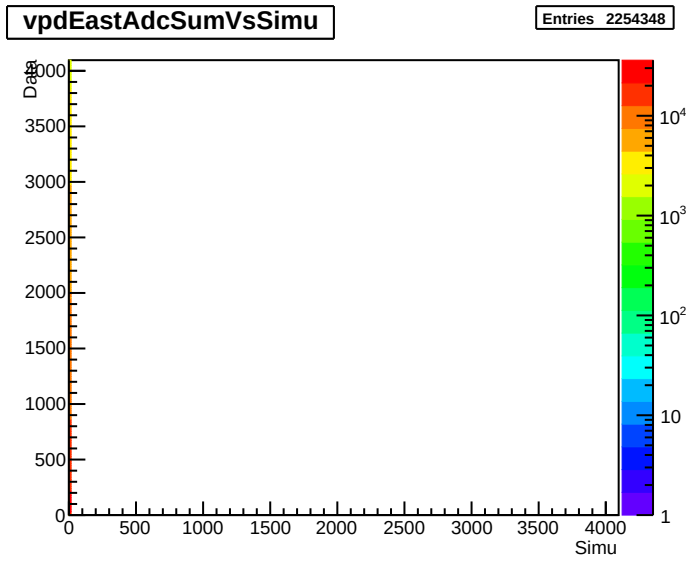

bbcSmallWestTacMax
Entries2829775

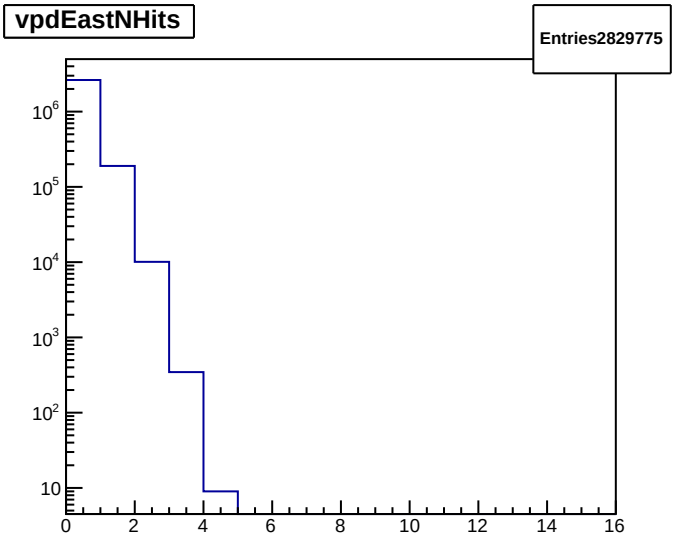

bbcSmallWestTacMaxVsSimu
Entries 1969579
Data
Simu

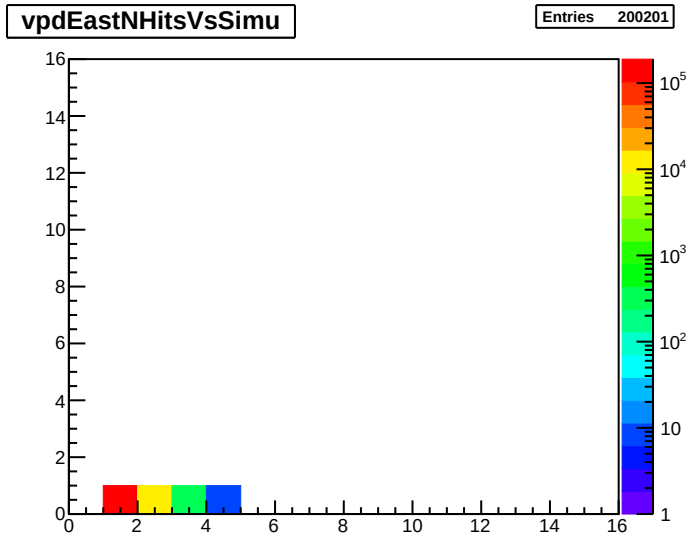

bbcLargeHit
Entries 5659550
1
0
2.45881e+06
2.45232e+06
370966
377451
E-Hit
W-Hit
10^6

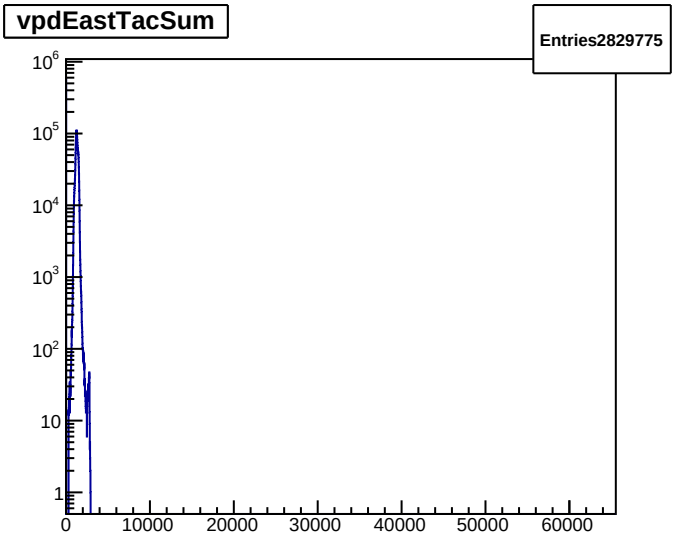

bbcLargeEastHitSimu
Entries 3992456
1
0
-1
1.92503e+06
1.94362e+06
74786
49020
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

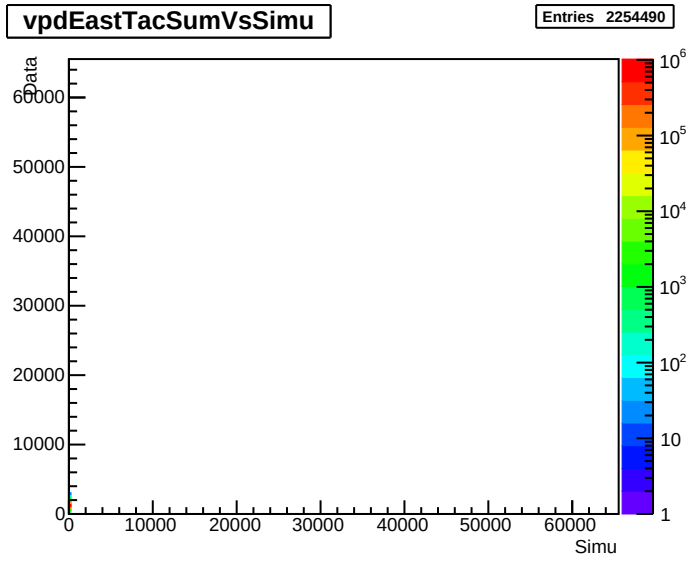

vpdEastAdcSum
Entries2829775

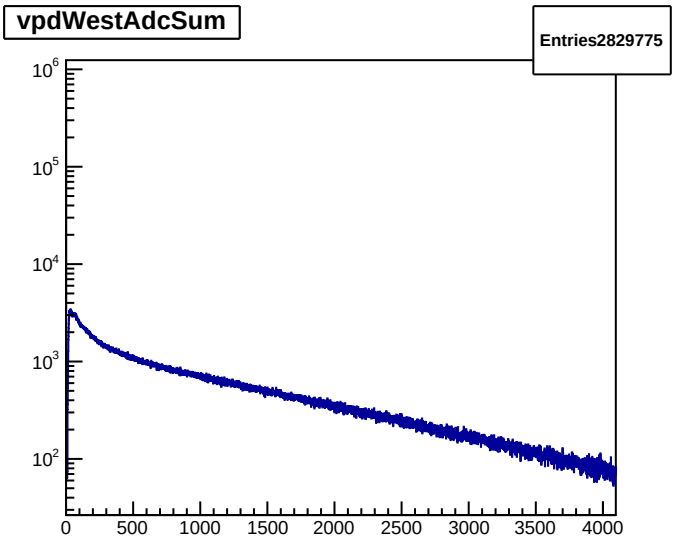

vpdEastAdcSumVsSimu
Entries 2254348
Data
Simu

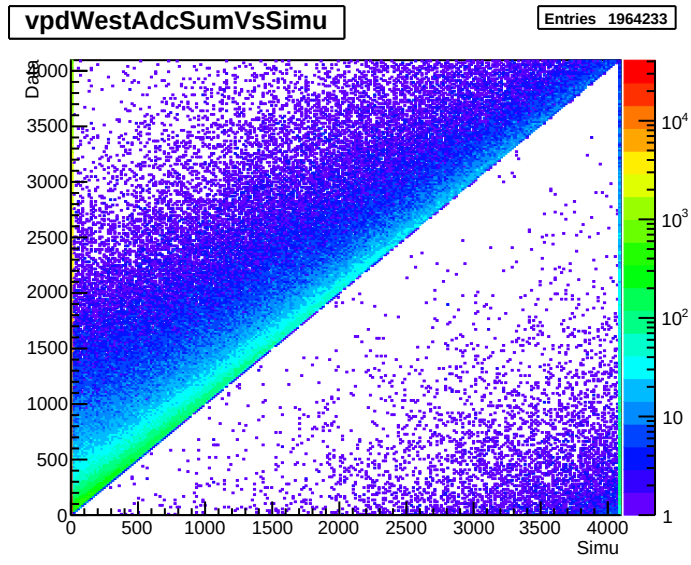

vpdEastNHits
Entries2829775

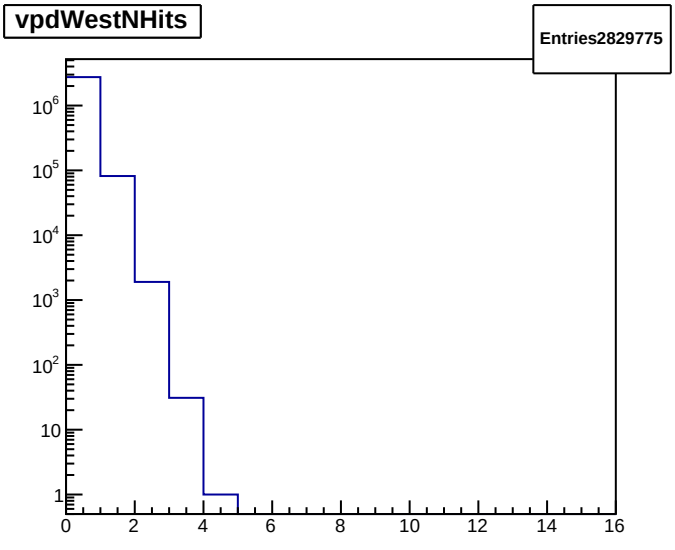

vpdEastNHitsVsSimu
Entries 200201

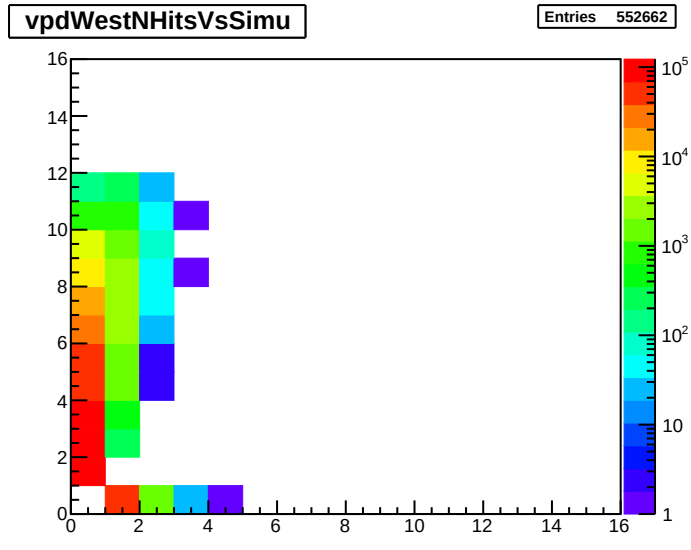

vpdEastTacSum
Entries2829775

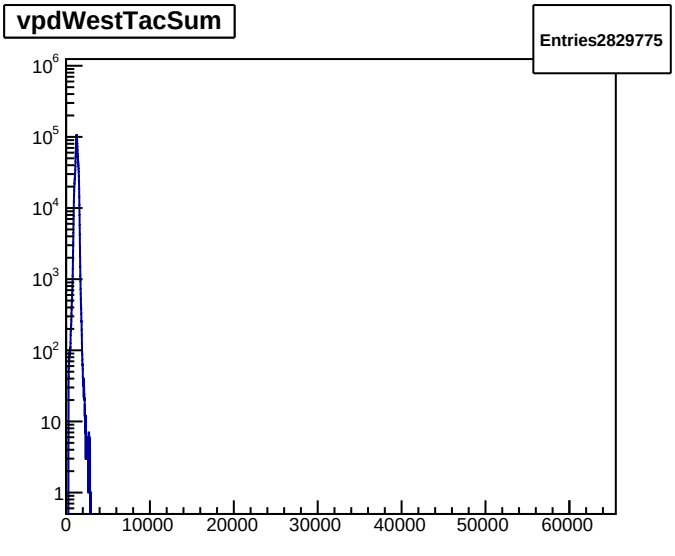

vpdEastTacSumVsSimu
Entries 2254490
Data
Simu

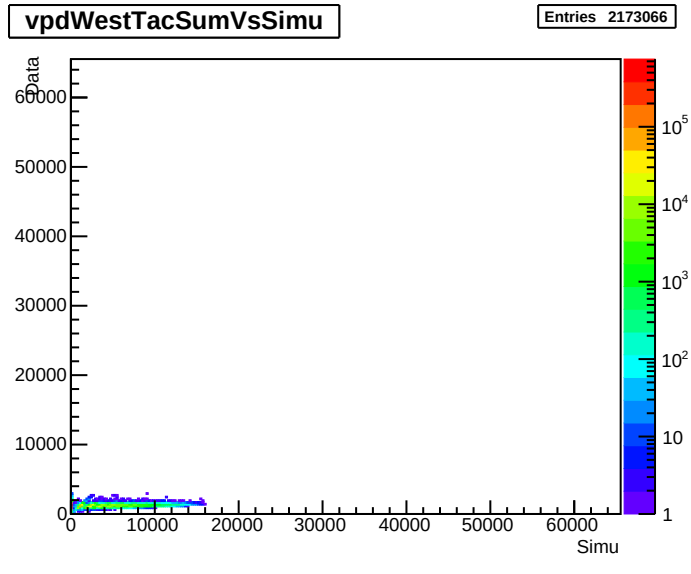

vpdWestAdcSum
Entries2829775

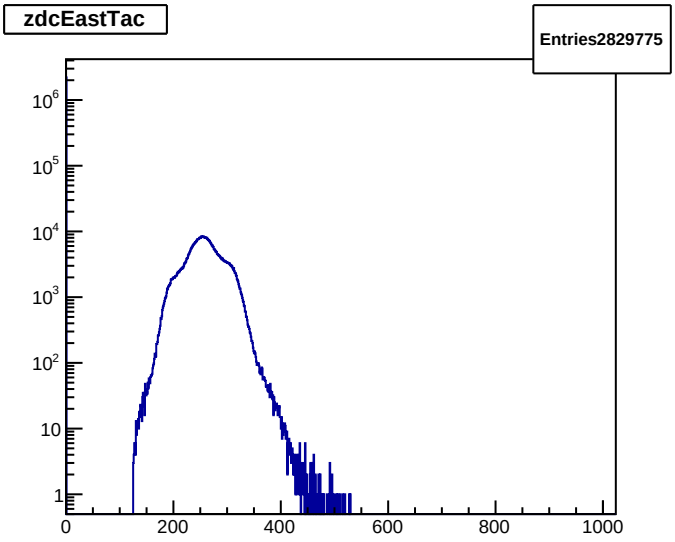

vpdWestAdcSumVsSimu
Entries 1964233
Data
Simu

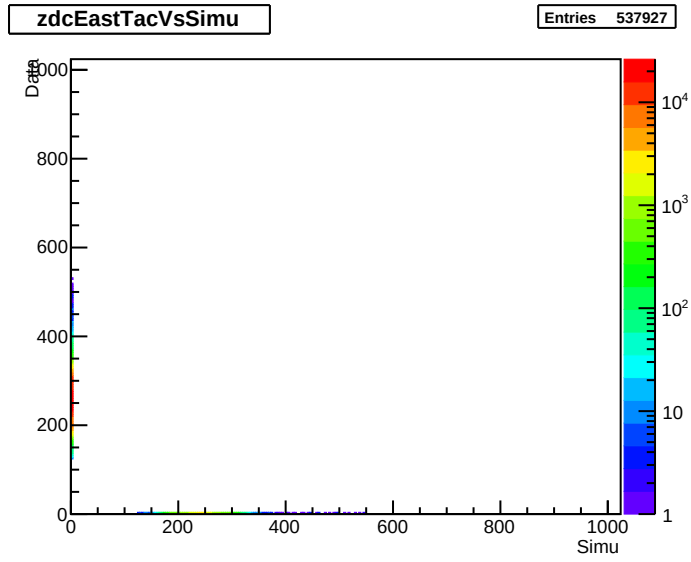

vpdWestNHits
Entries2829775

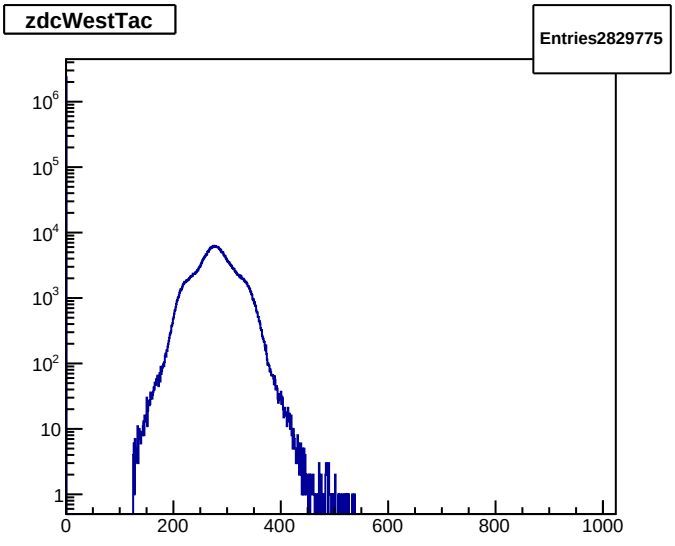

vpdWestNHitsVsSimu
Entries 552662

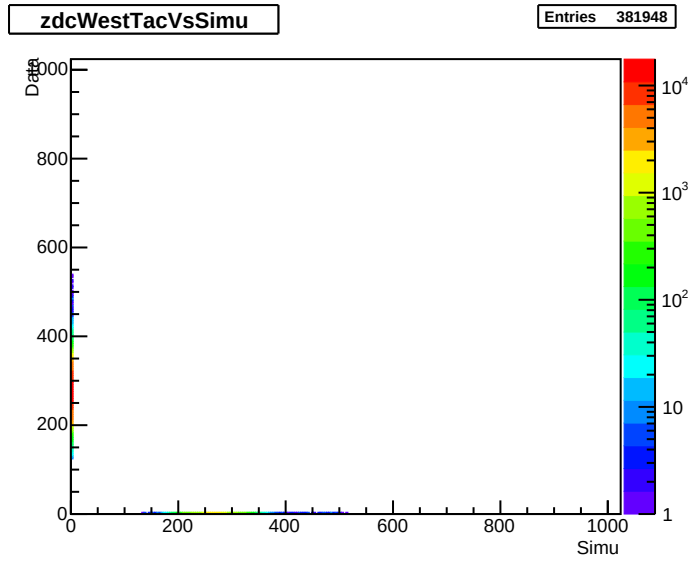

vpdWestTacSum
Entries2829775

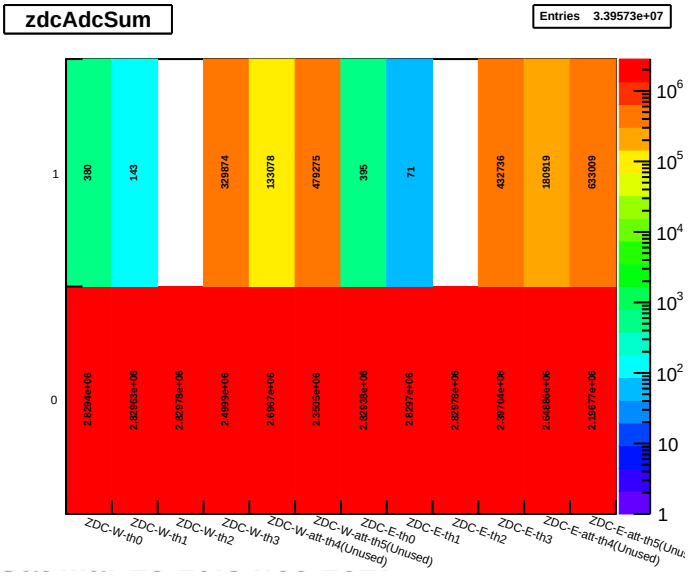

vpdWestTacSumVsSimu
Entries 2173066
Data
Simu

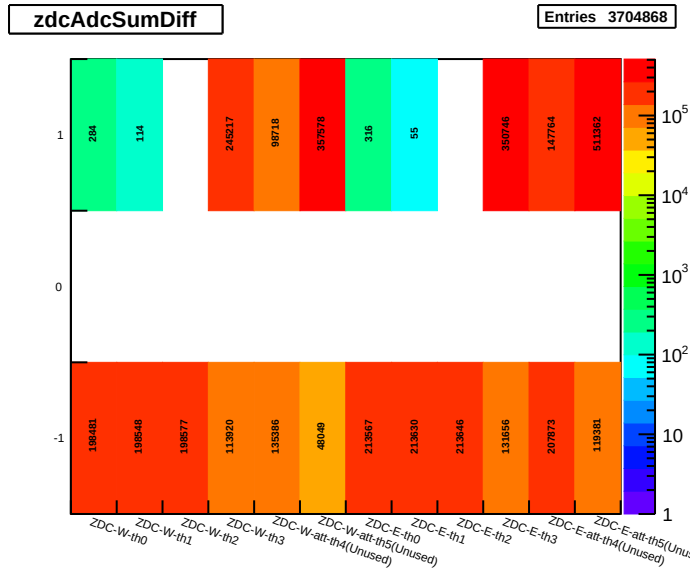

zdcEastTac
Entries2829775

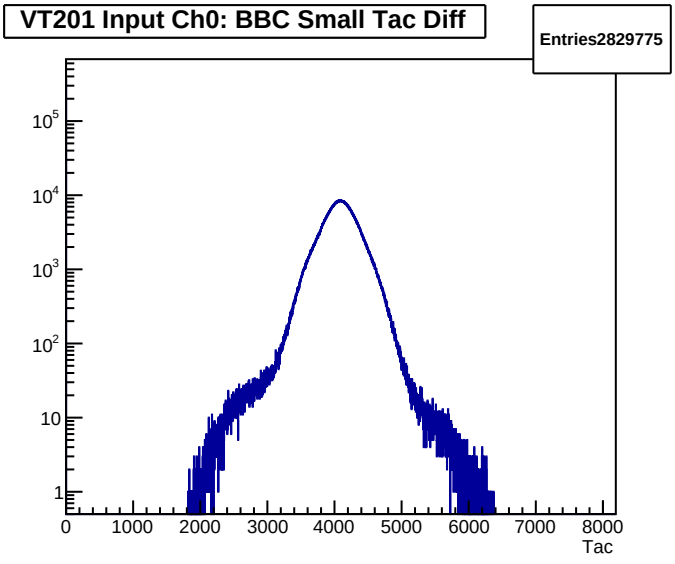

zdcEastTacVsSimu
Entries 537927
Data
Simu

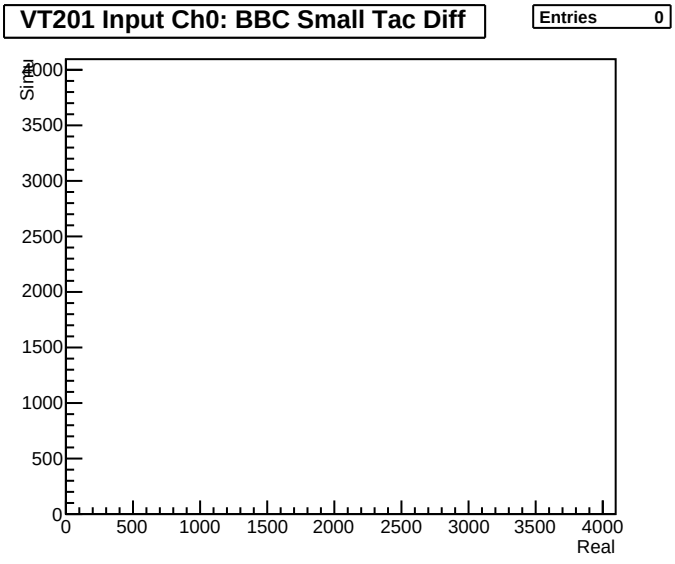

zdcWestTac
Entries2829775

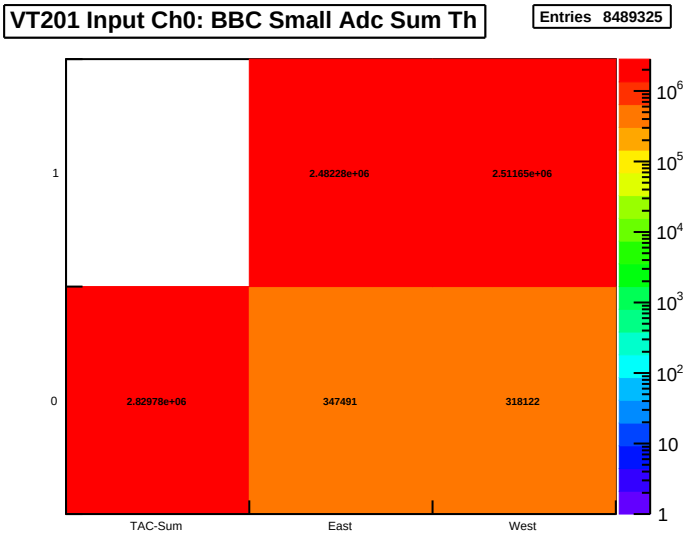

zdcWestTacVsSimu
Entries 381948
Data
Simu

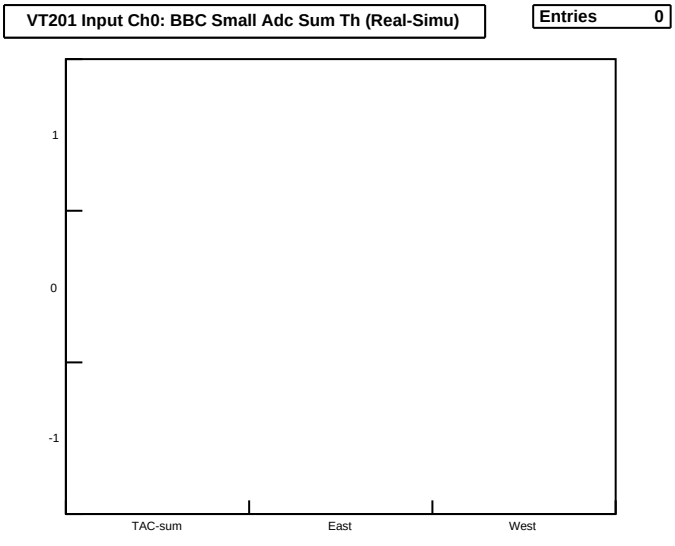

zdcAdcSum
Entries 3.39573e+07
380
143
329874
133078
479275
395
71
432736
180919
633009
2.82944e+06
2.82953e+06
2.82978e+06
2.4999e+06
2.6867e+06
2.3505e+06
2.82938e+06
2.82977e+06
2.82978e+06
2.38704e+06
2.64886e+06
2.19677e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

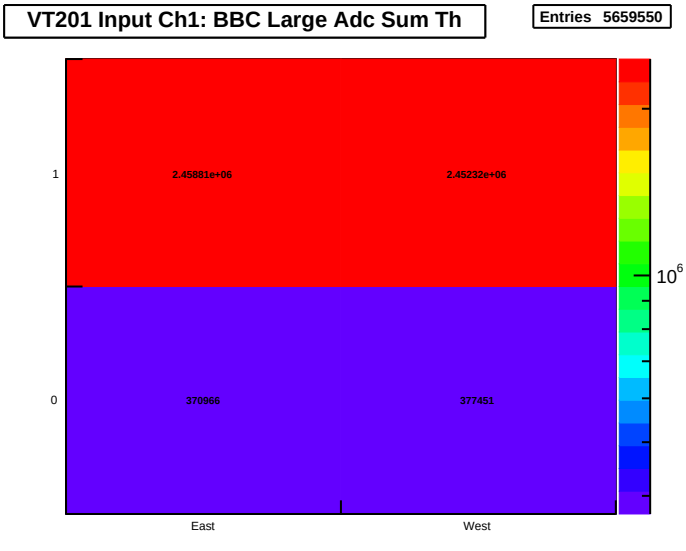

zdcAdcSumDiff
Entries 3704868
294
114
245217
98718
357578
316
55
350746
147764
511362
198481
198548
198577
113920
135386
48049
213567
213630
213646
131656
207873
119381
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

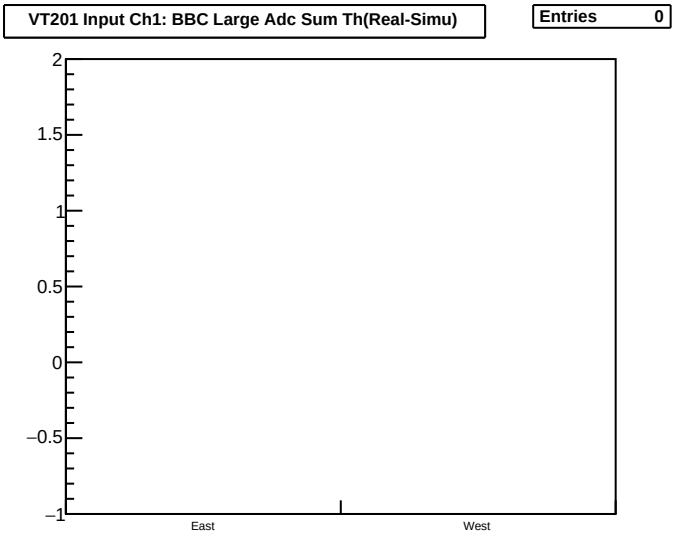

VT201 Input Ch0: BBC Small Tac Diff
Entries2829775
Tac


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

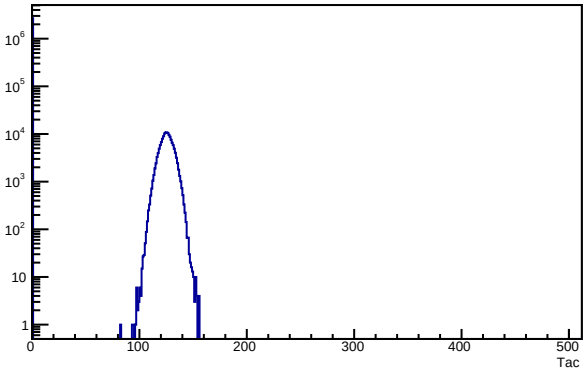

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 8489325
2.48228e+06
2.51165e+06
2.82978e+06
347491
318122
TAC-Sum
East
West


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

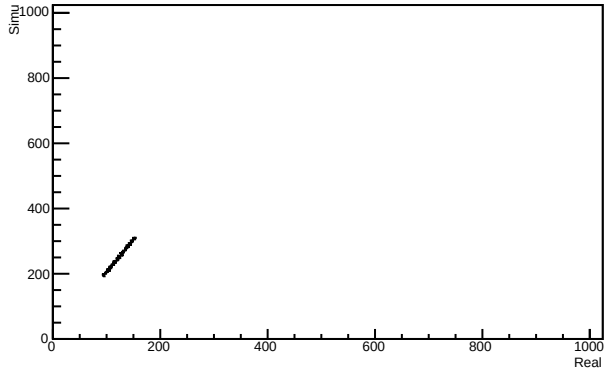

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5659550
2.45881e+06
2.45232e+06
370966
377451
East
West


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

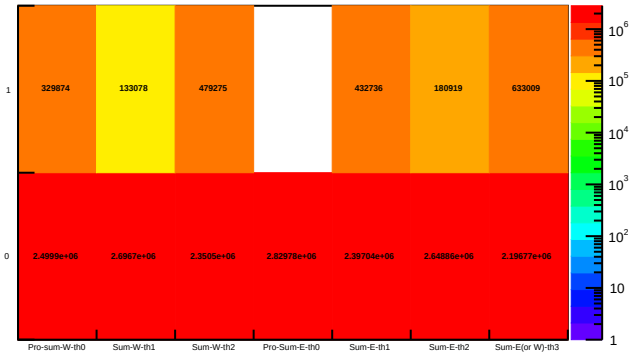
VT201 Input Ch2: ZDC Tac Diff



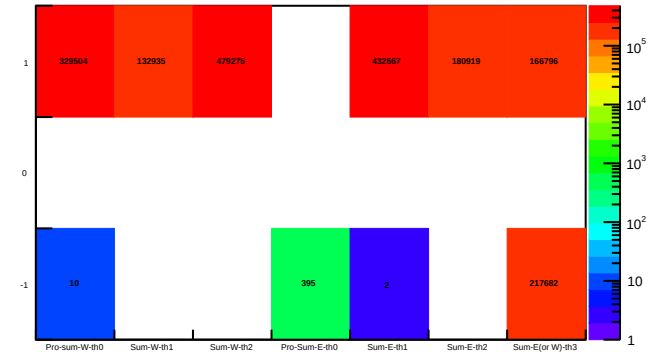
VT201 Input Ch2: ZDC Tac Diff



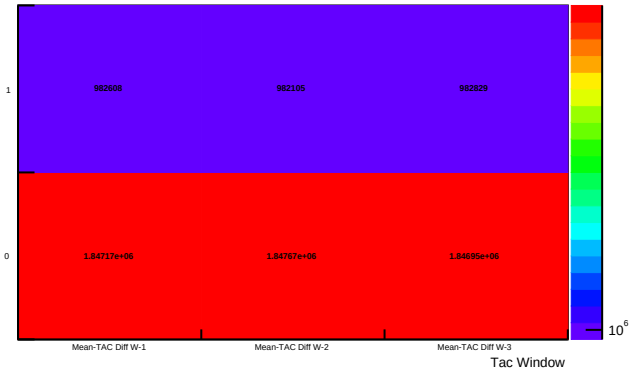
VT201 Input Ch2: ZDC Adc Sum Th



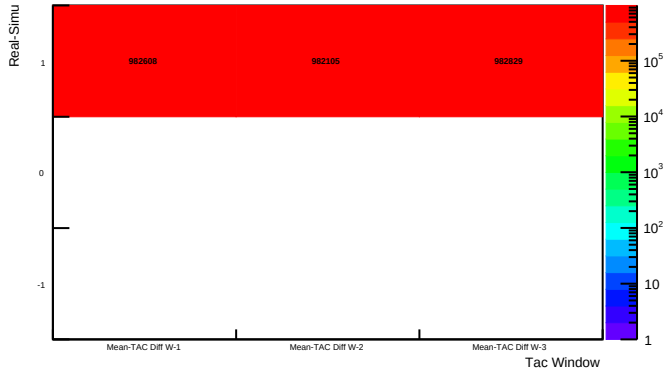
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



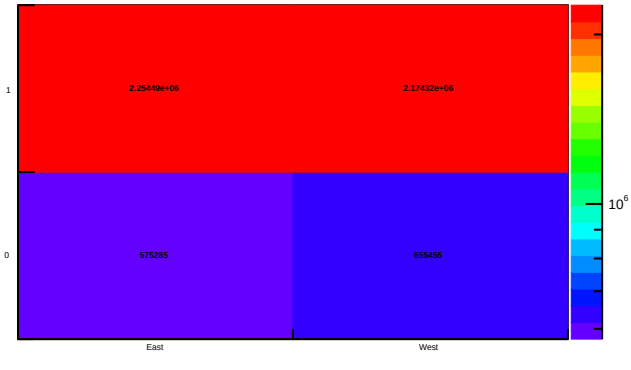
VT201 Input Ch4: VPD Tac Diff



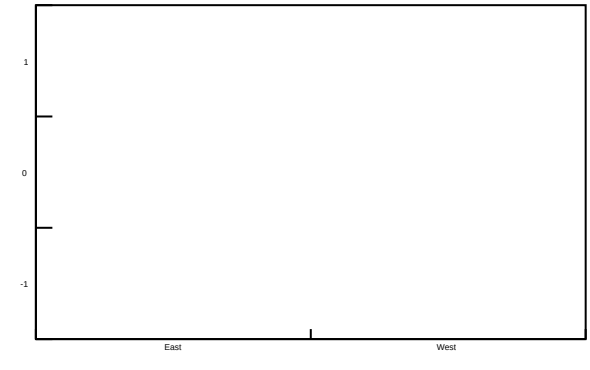
VT201 Input Ch4: VPD Tac Diff

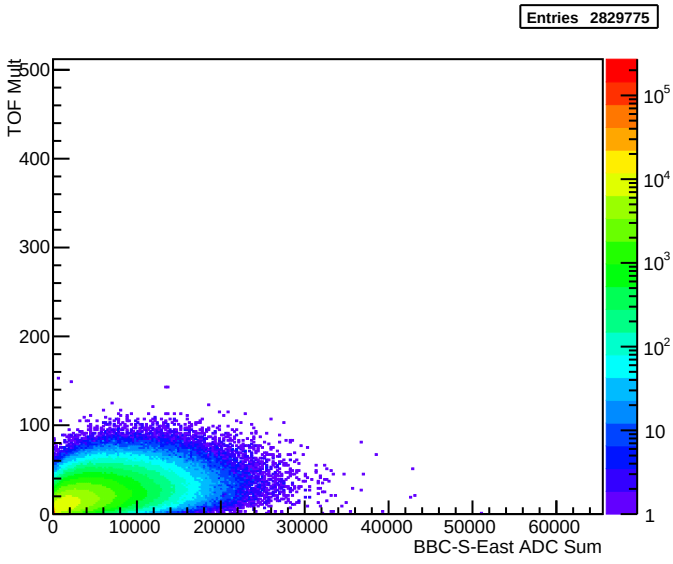


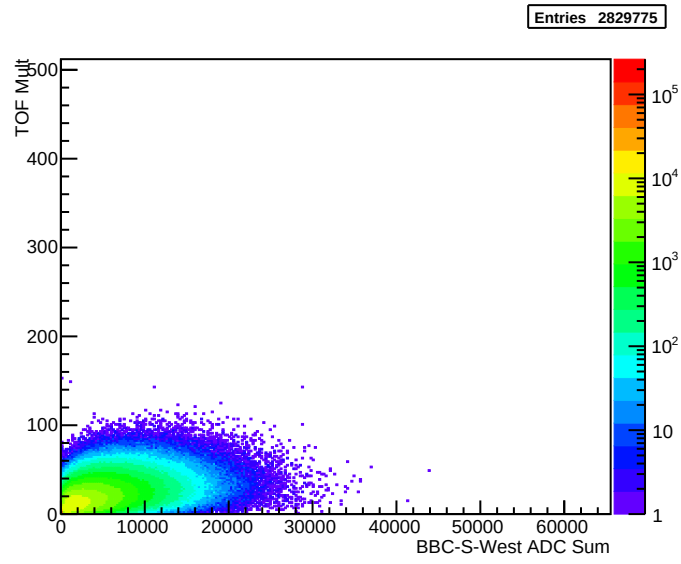
VT201 Input Ch4: VPD Adc Sum Th

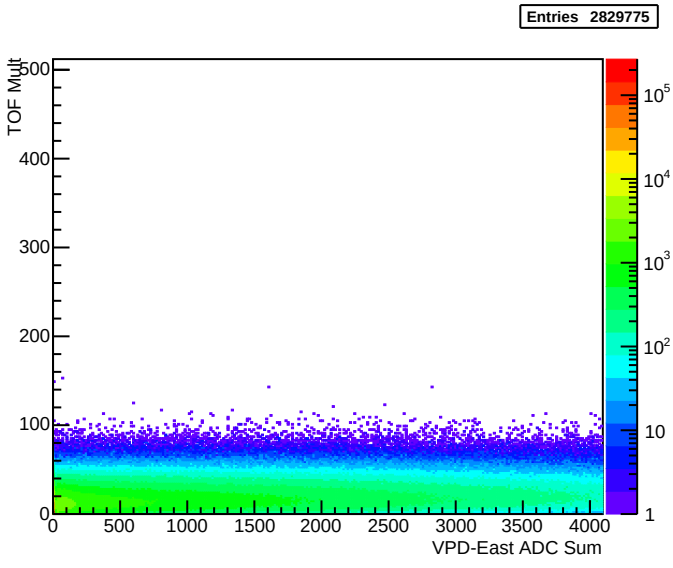


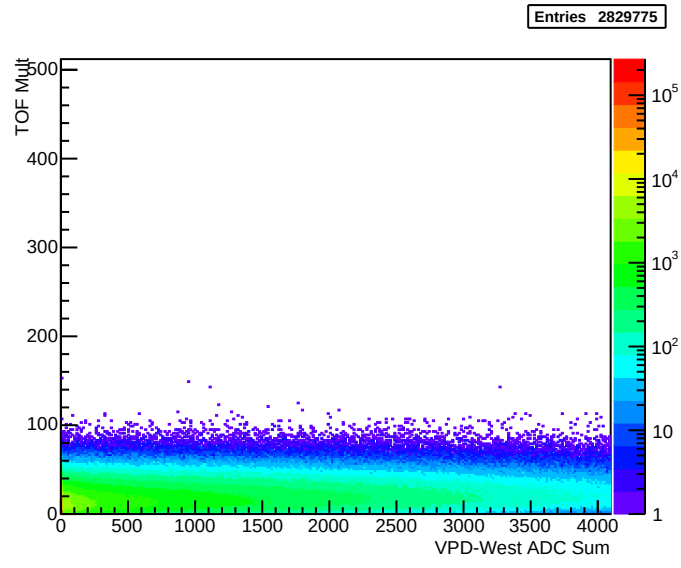
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

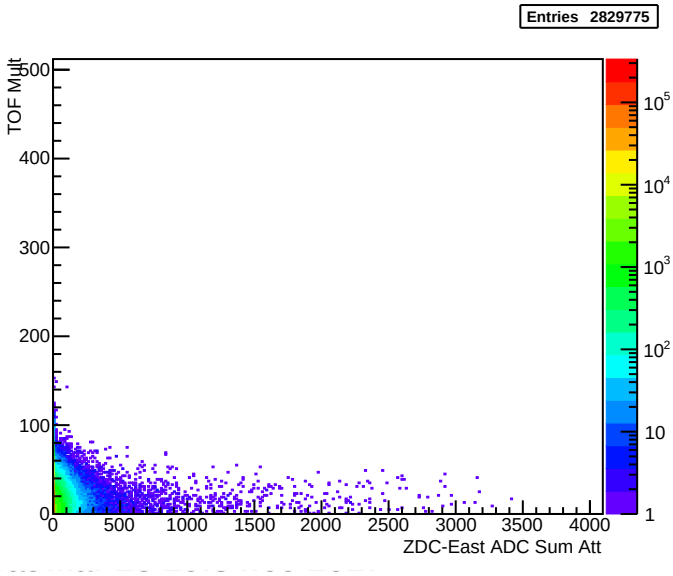


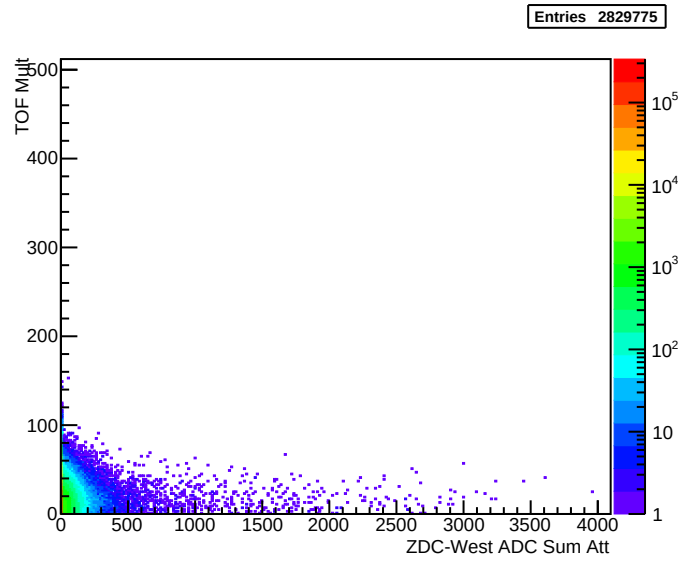

Entries 2829775
TOF Mult
BBC-S-East ADC Sum

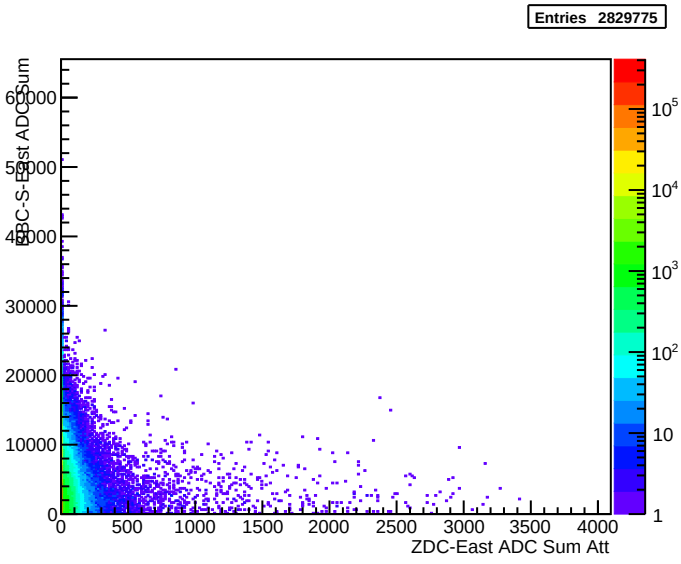

Entries 2829775
TOF Mult
BBC-S-West ADC Sum

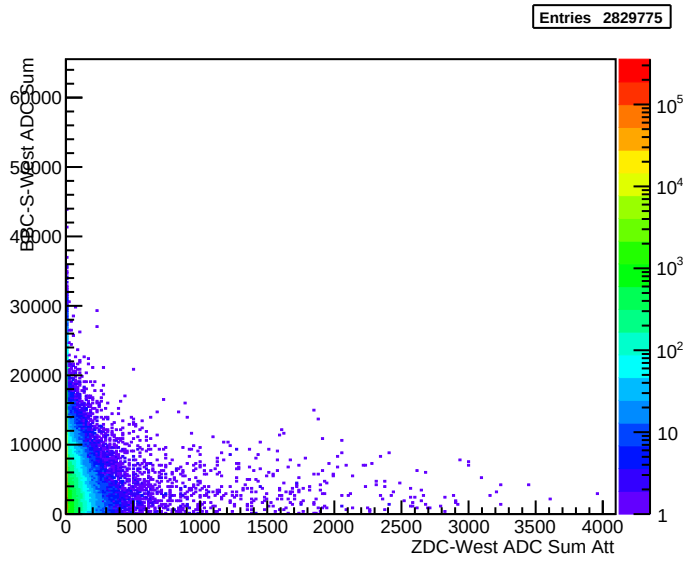

Entries 2829775
TOF Mult
VPD-East ADC Sum

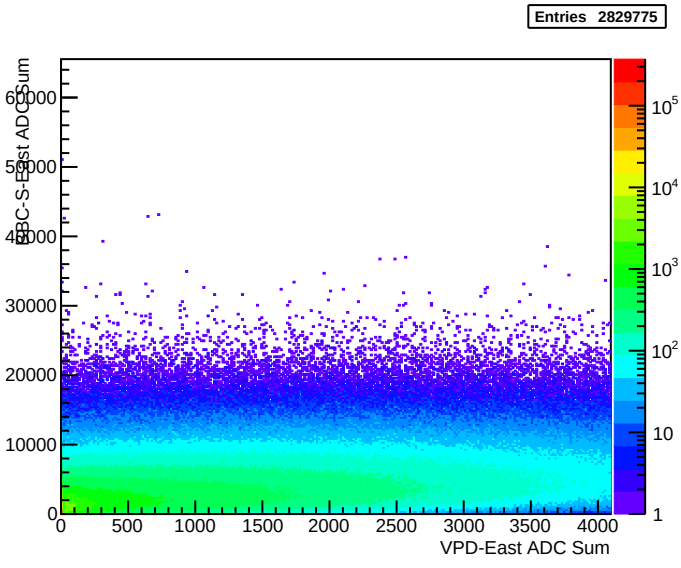

Entries 2829775
TOF Mult
VPD-West ADC Sum

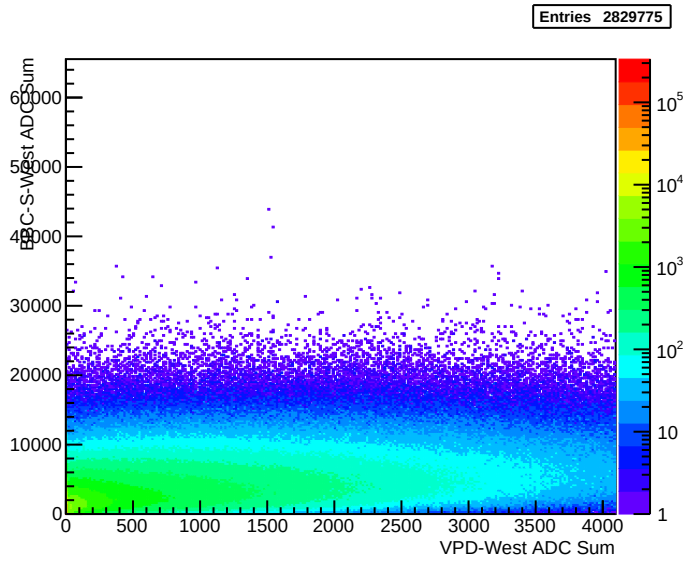

Entries 2829775
TOF Mult
ZDC-East ADC Sum Att

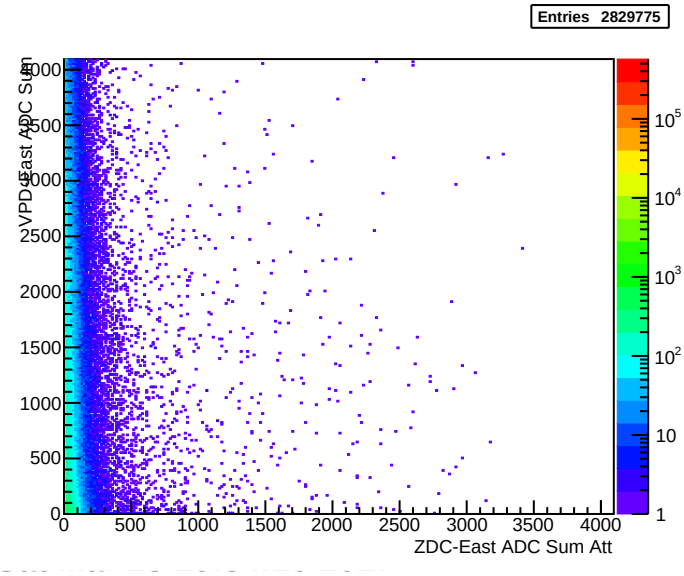

Entries 2829775
TOF Mult
ZDC-West ADC Sum Att

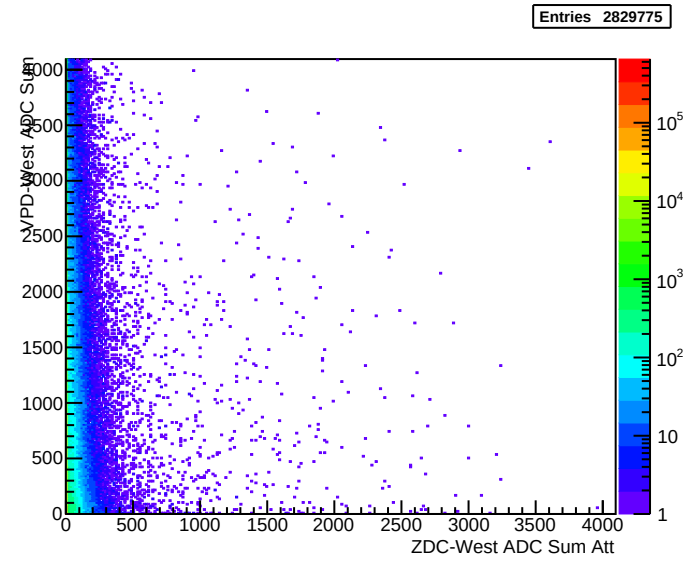

Entries 2829775
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

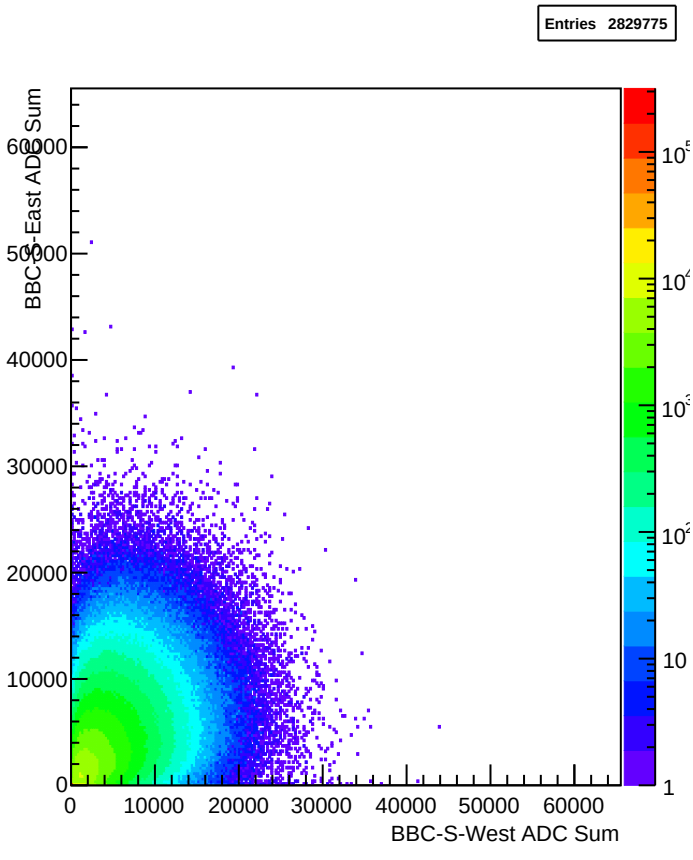

Entries 2829775
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

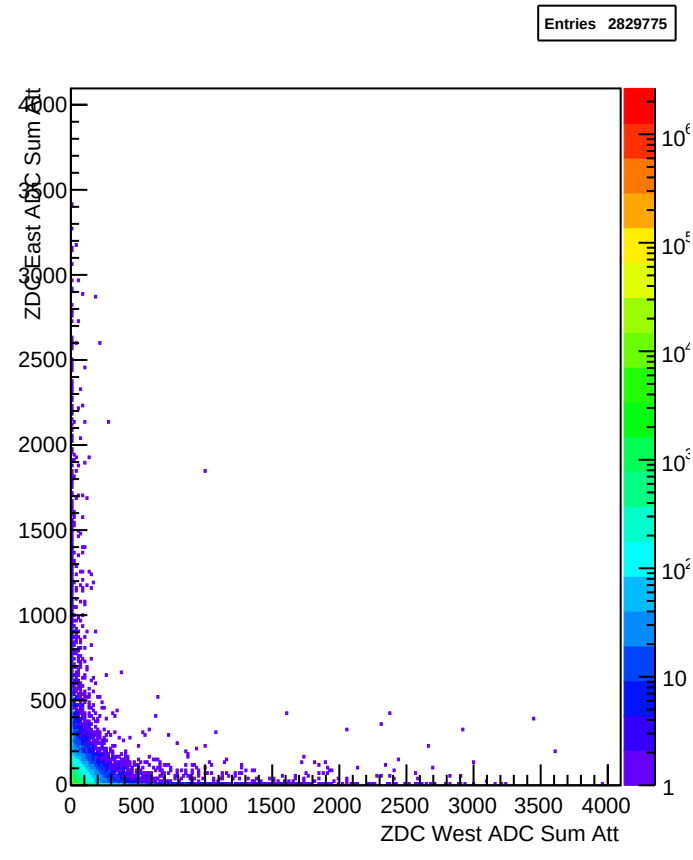

Entries 2829775
BBC-S-East ADC Sum
VPD-East ADC Sum

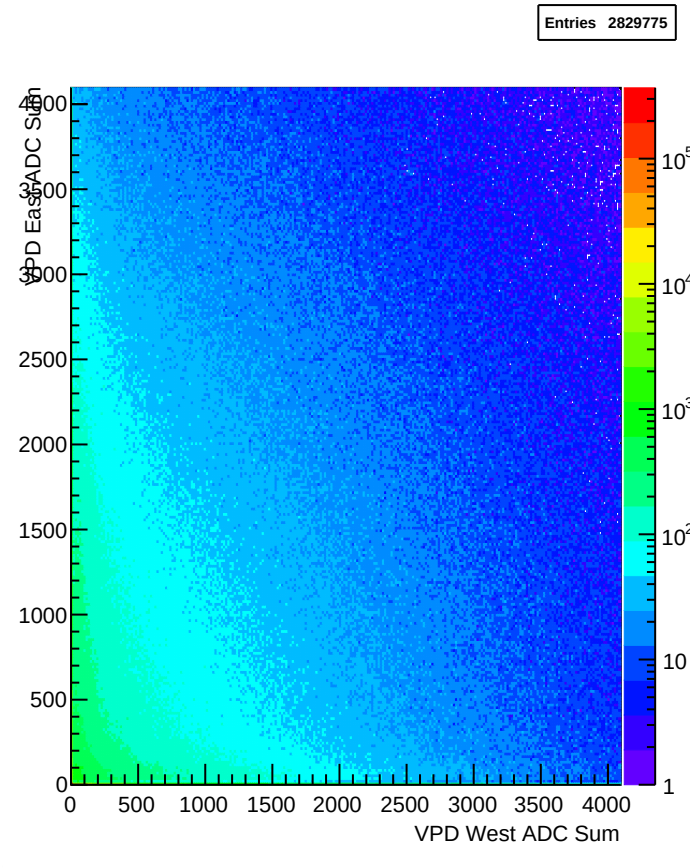

Entries 2829775
BBC-S-West ADC Sum
VPD-West ADC Sum

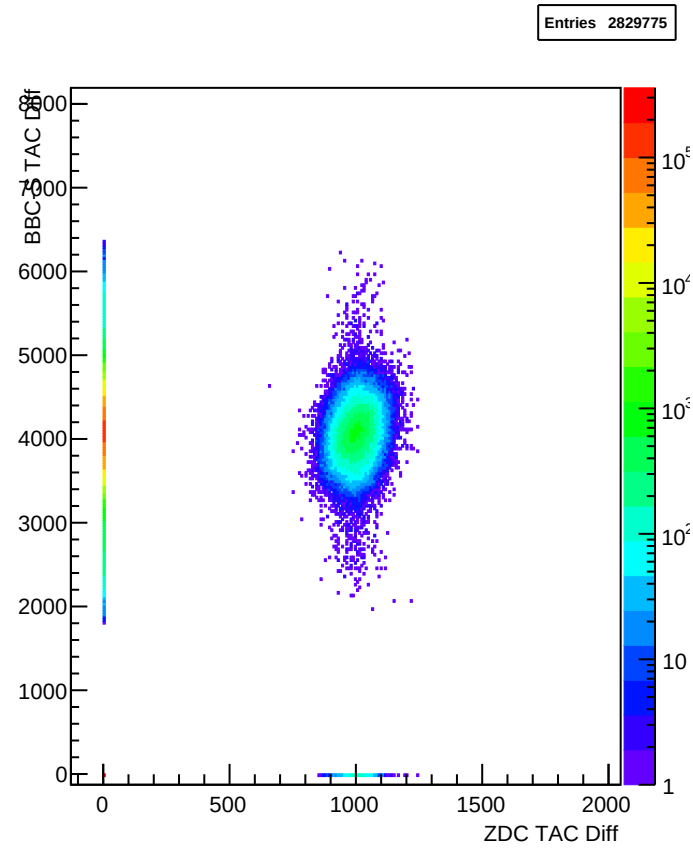

Entries 2829775
VPD-East ADC Sum
ZDC-East ADC Sum Att

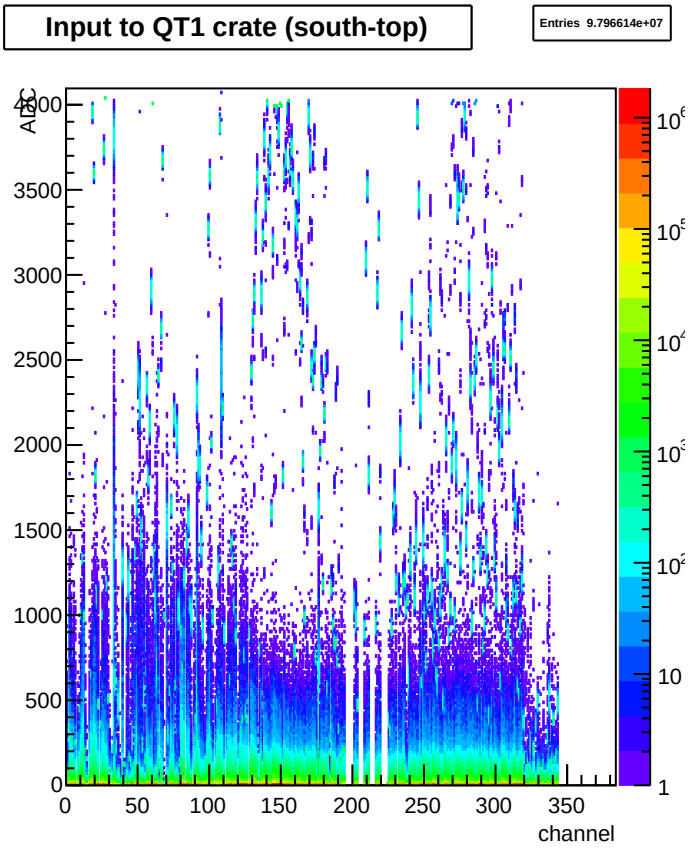

Entries 2829775
VPD-West ADC Sum
ZDC-West ADC Sum Att

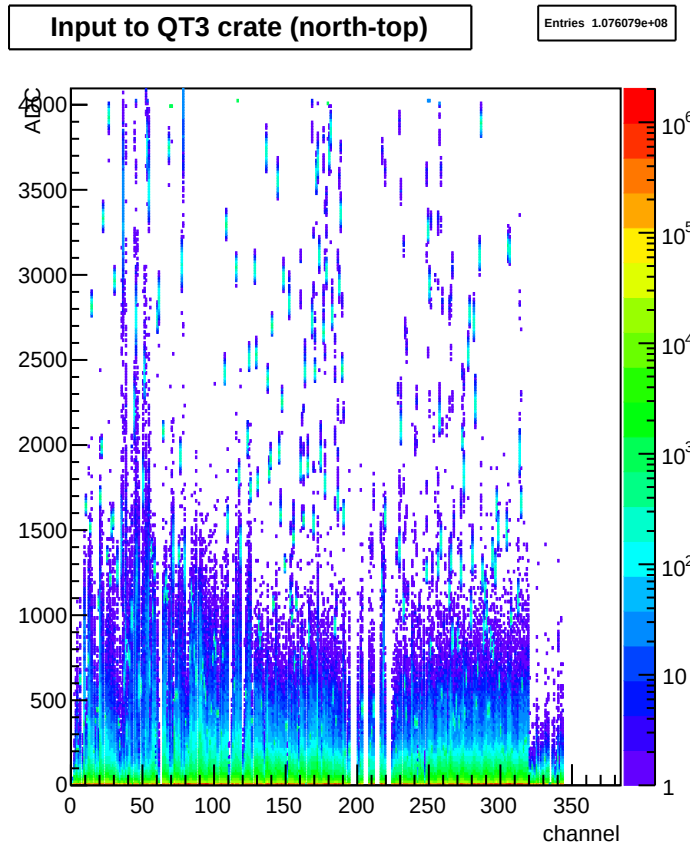

Entries 2829775
BBC-S-East ADC Sum
BBC-S-West ADC Sum

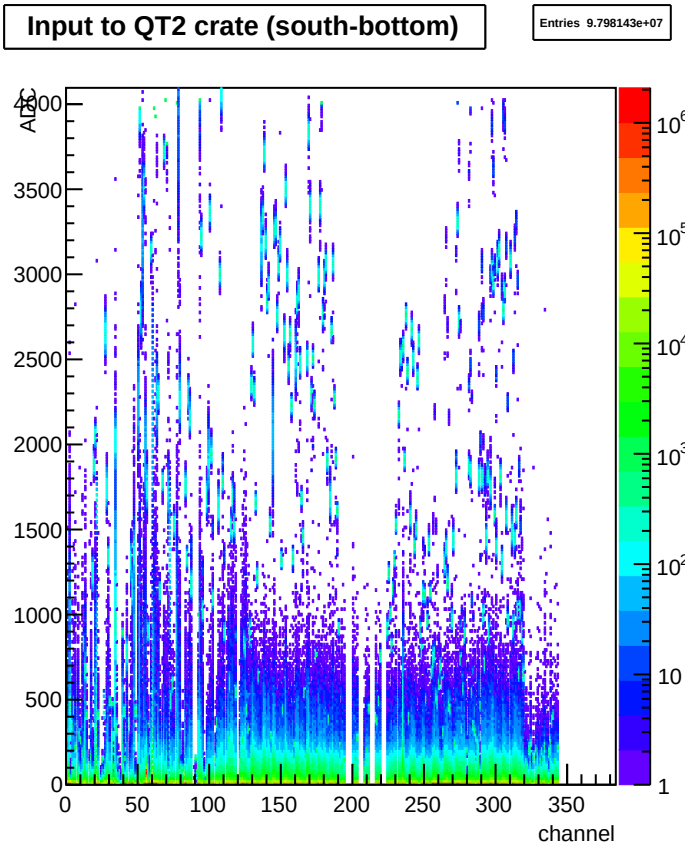

Entries 2829775
ZDC East ADC Sum Att
ZDC West ADC Sum Att

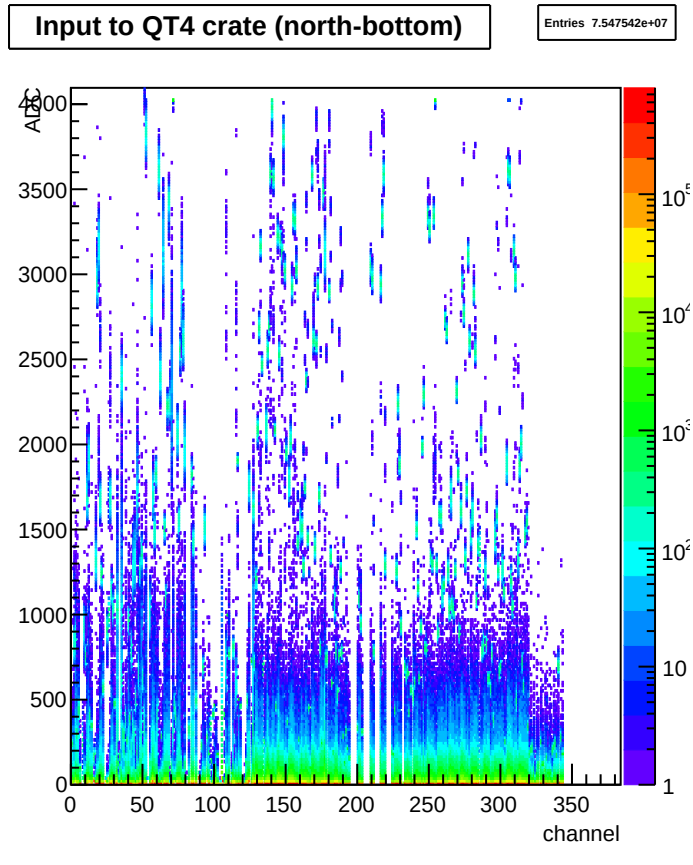

Entries 2829775
VPD East ADC Sum
VPD West ADC Sum

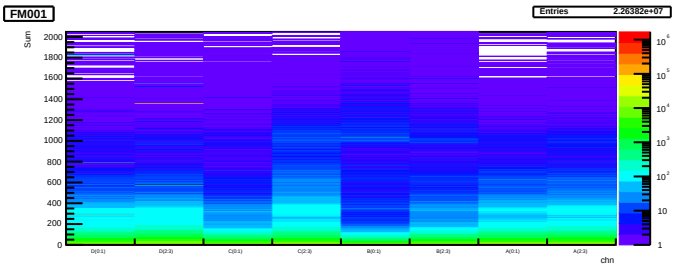

Entries 2829775
BBC-S TAC Diff
ZDC TAC Diff

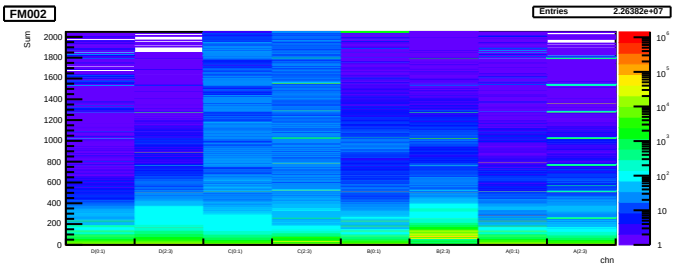

Input to QT1 crate (south-top)
Entries 9.796614e+07
ADC
channel

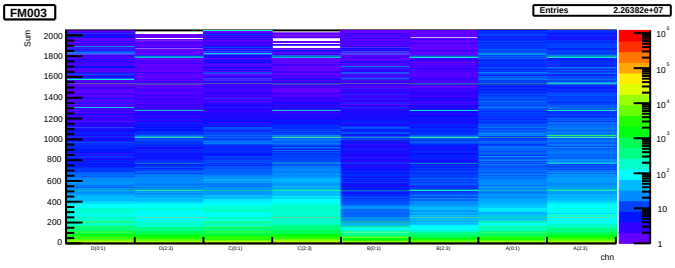

Input to QT3 crate (north-top)
Entries 1.076079e+08
ADC
channel

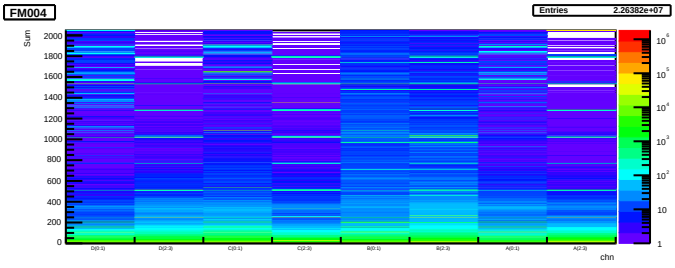

Input to QT2 crate (south-bottom)
Entries 9.798143e+07
ADC
channel

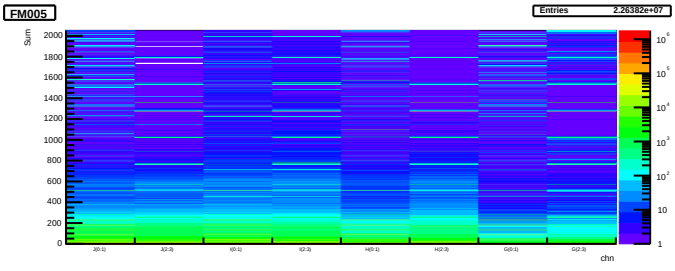

Input to QT4 crate (north-bottom)
Entries 7.547542e+07
ADC
channel

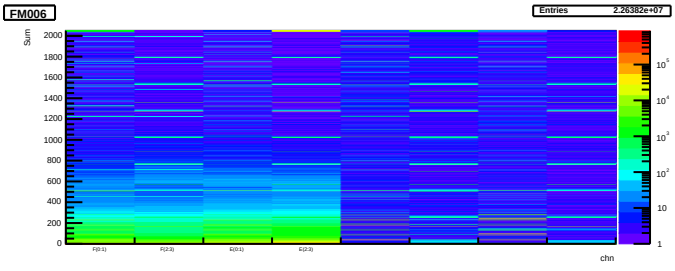

FM001
Entries 2.26382e+07
Sum
chn


FM002
Entries 2.26382e+07
Sum
chn


FM003
Entries 2.26382e+07
Sum
chn


FM004
Entries 2.26382e+07
Sum
chn


FM005
Entries 2.26382e+07
Sum
chn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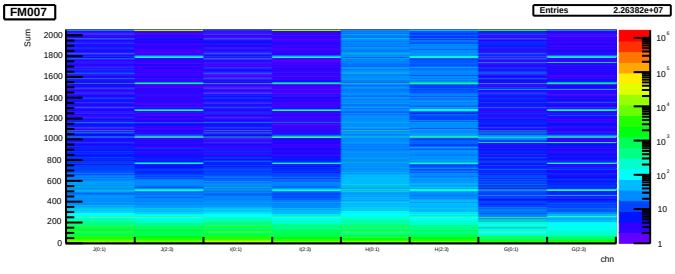
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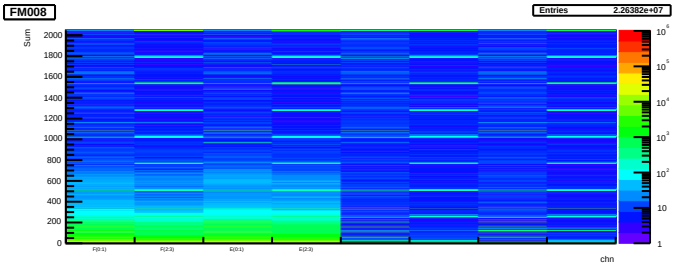
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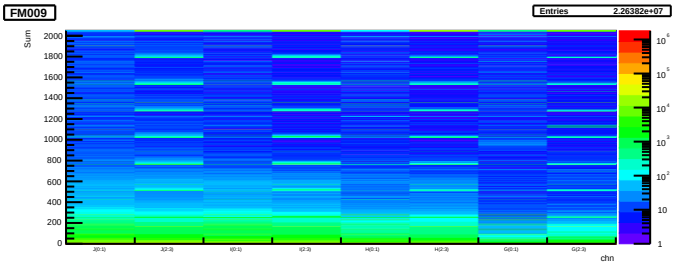
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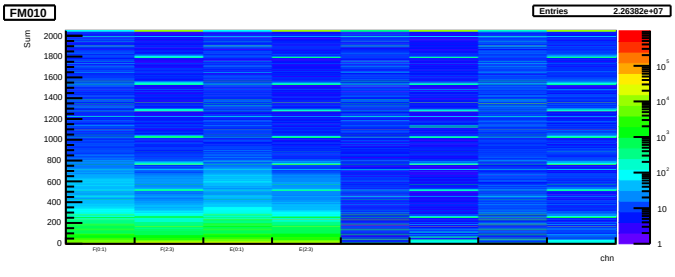
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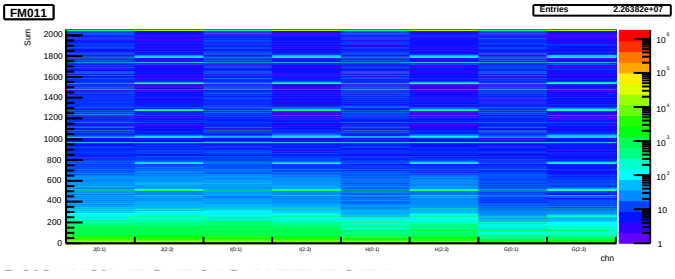
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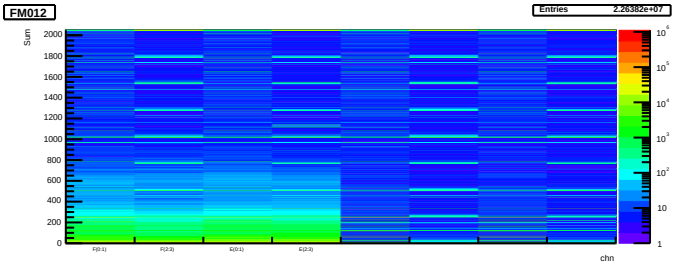
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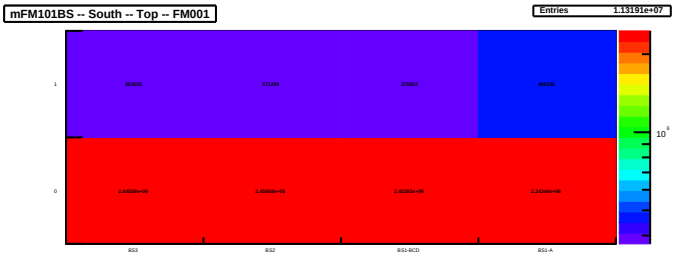
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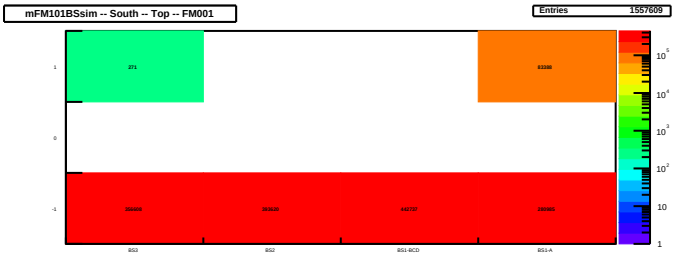
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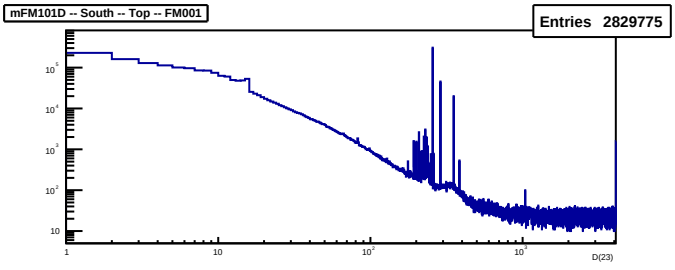
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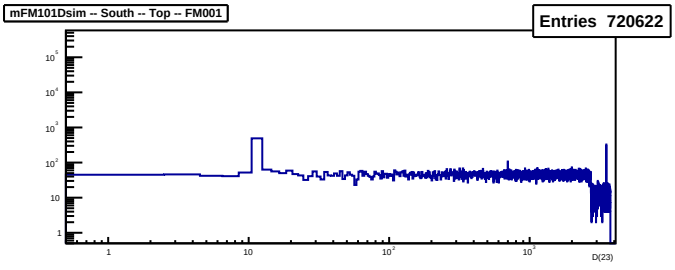
Entries 2829775
D(23)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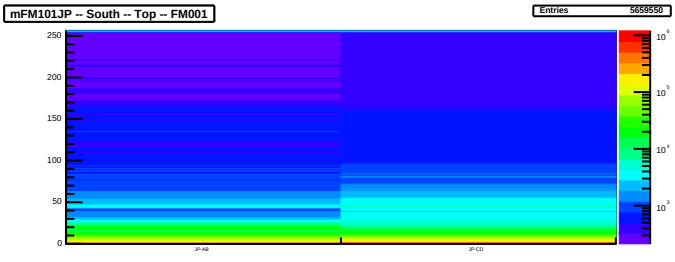
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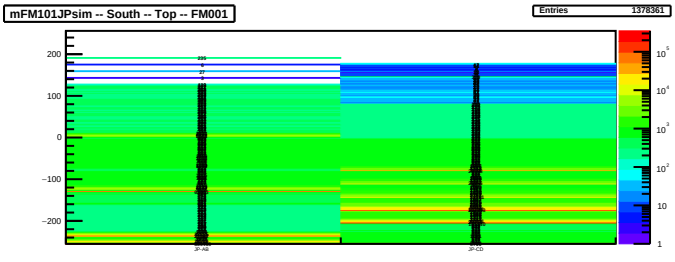
Entries 5659550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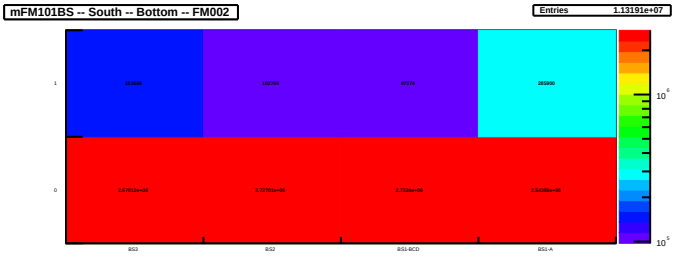
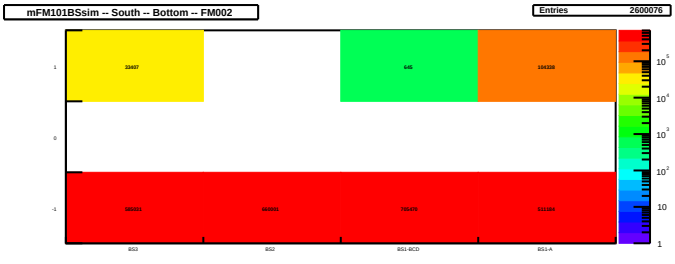

mFM101BS -- South -- Bottom -- FM002
Entries 1.13191e+07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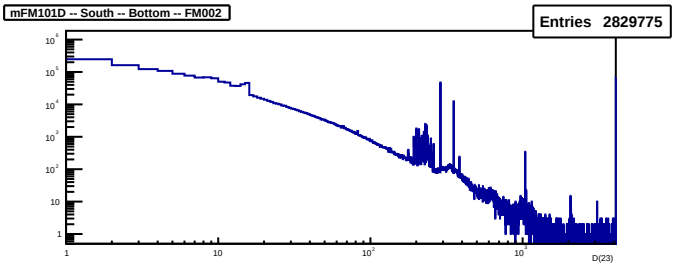
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Entries 2829775
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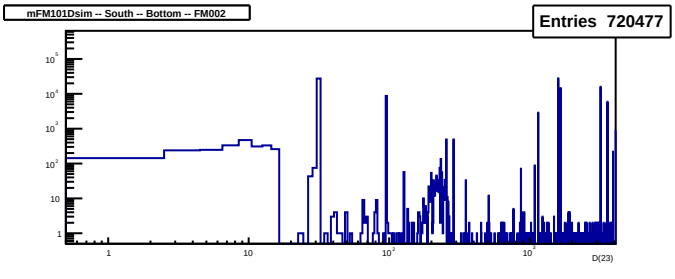
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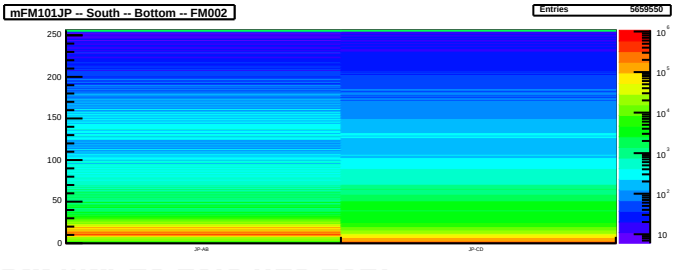
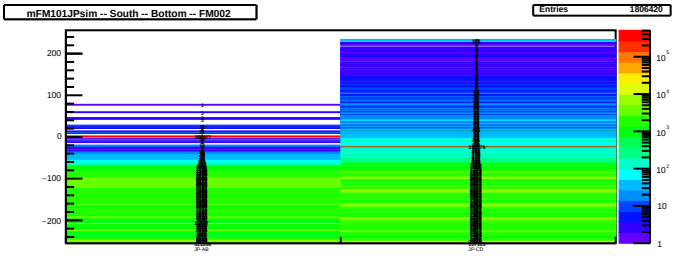

mFM101JP -- South -- Bottom -- FM002
Entries 5659550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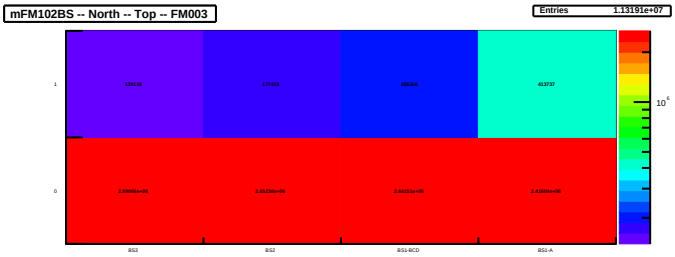
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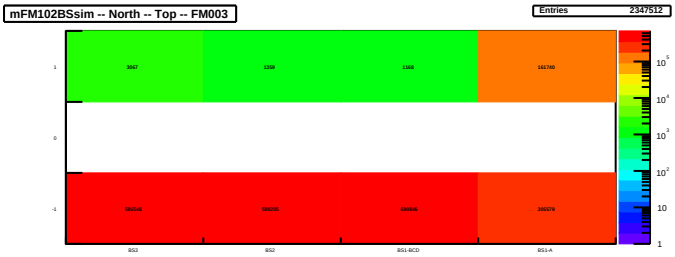
Entries 1.13191e+07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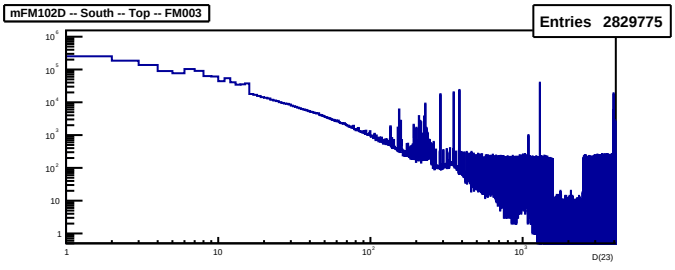
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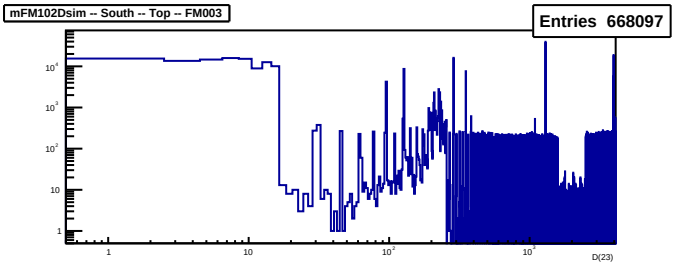
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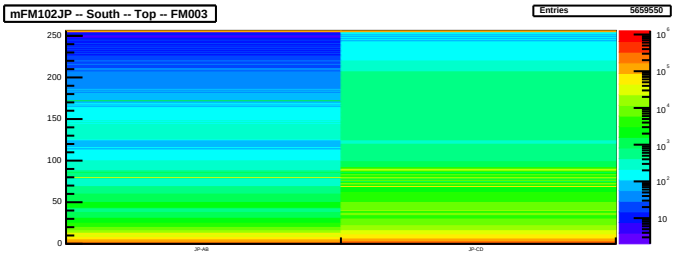
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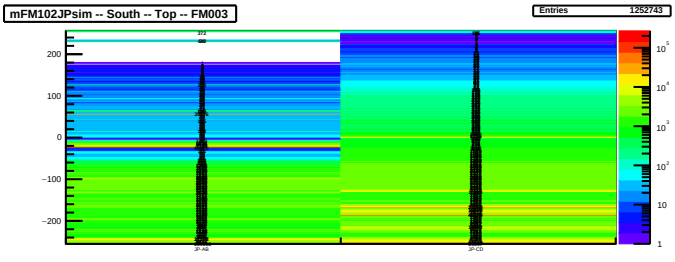
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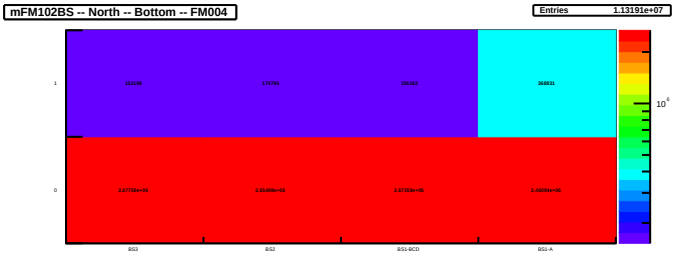
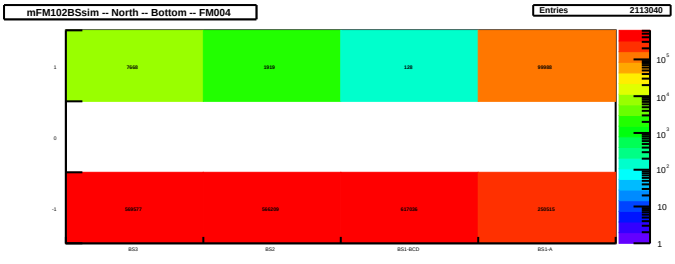

mFM102BS -- North -- Bottom -- FM004
Entries 1.13191e+07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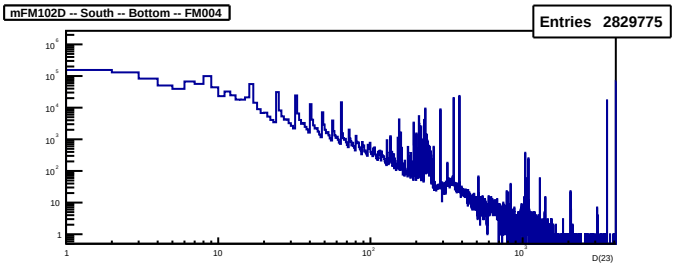
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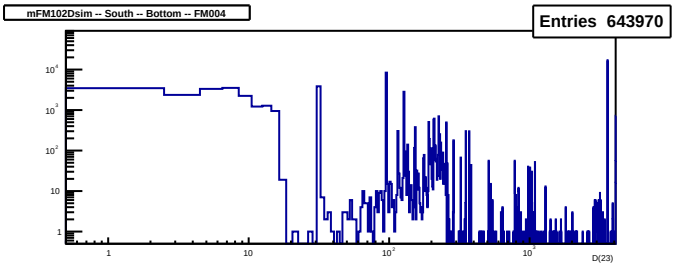
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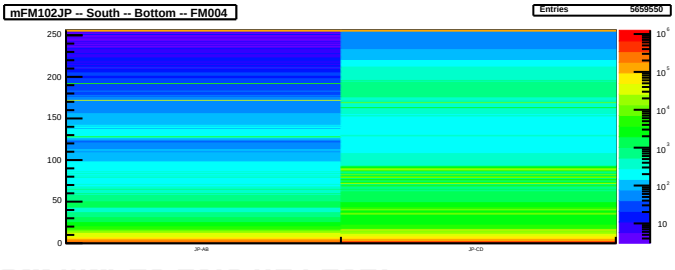
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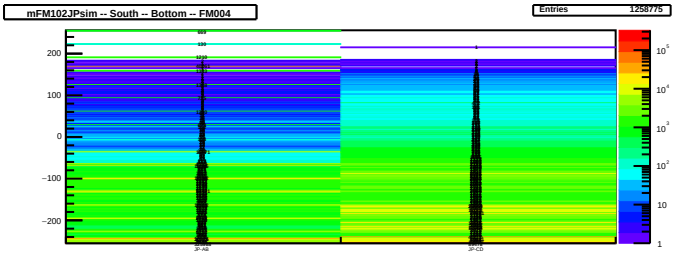
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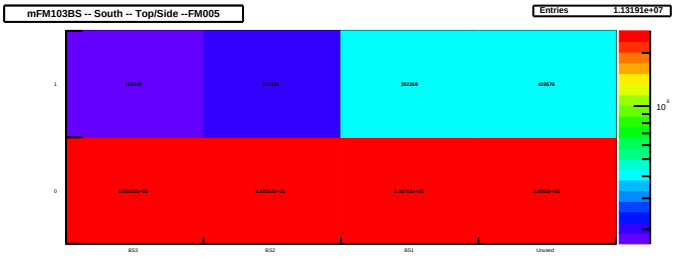
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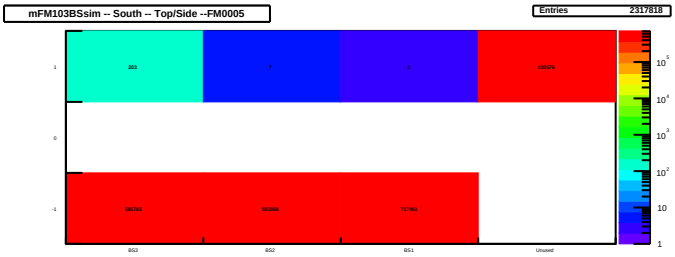
Entries 1.13191e+07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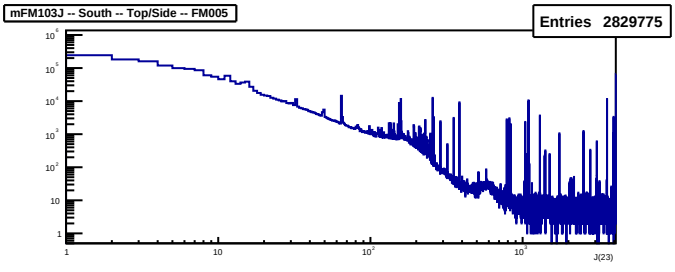
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Entries 2829775
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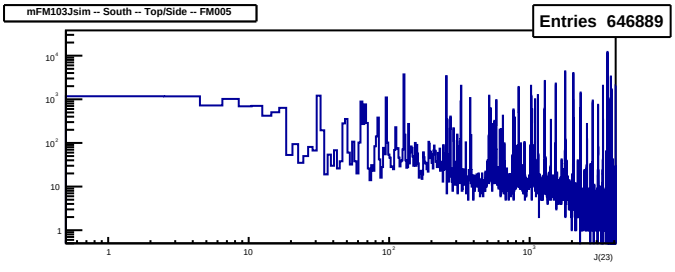
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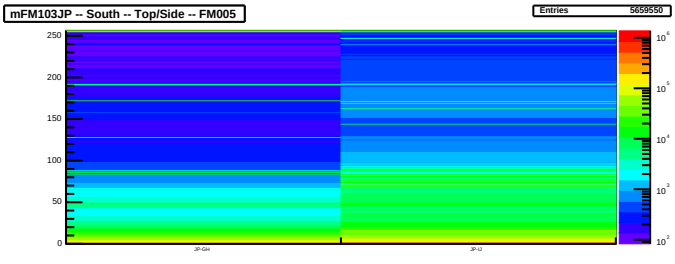
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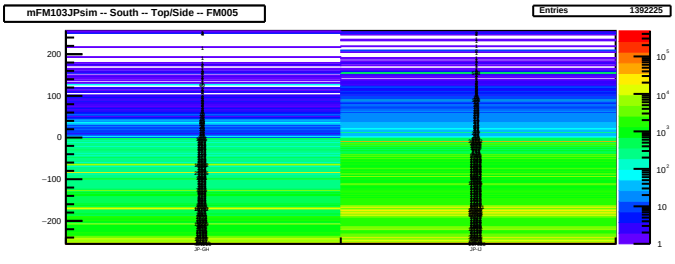
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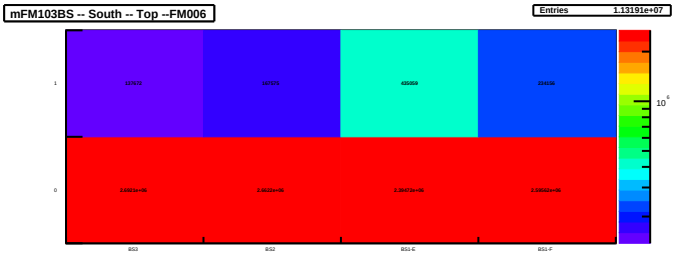
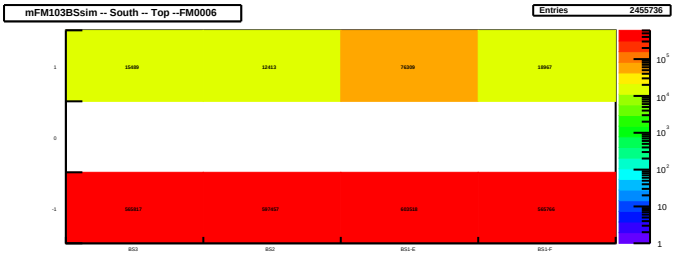

mFM103BS -- South -- Top --FM006
Entries 1.13191e+07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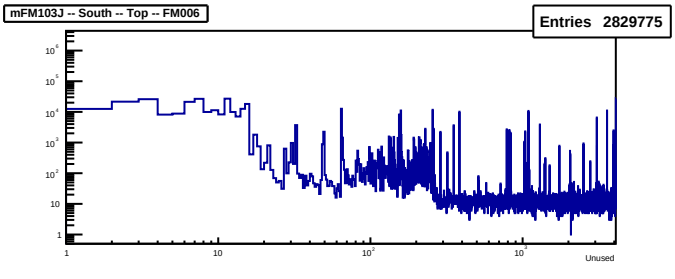
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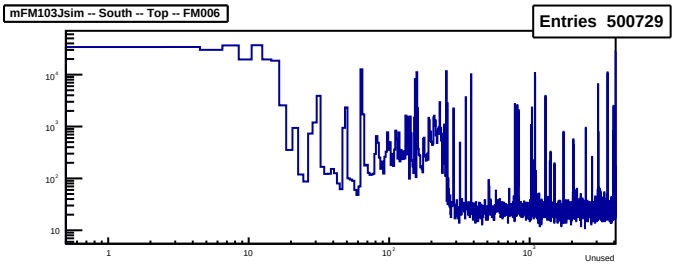
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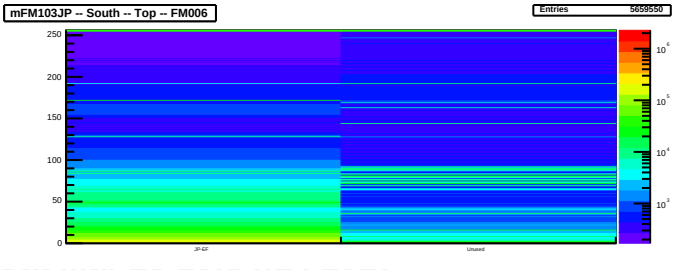
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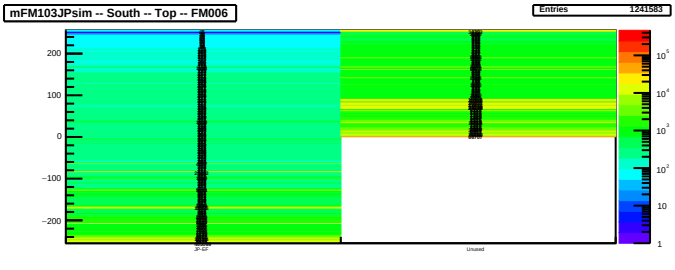
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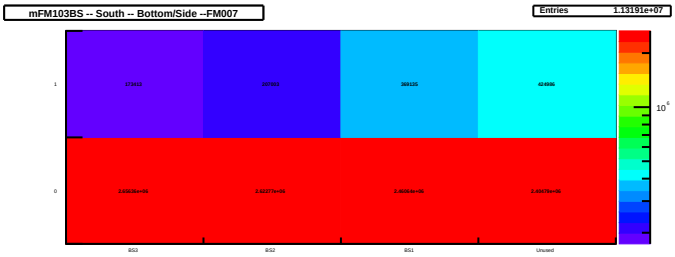
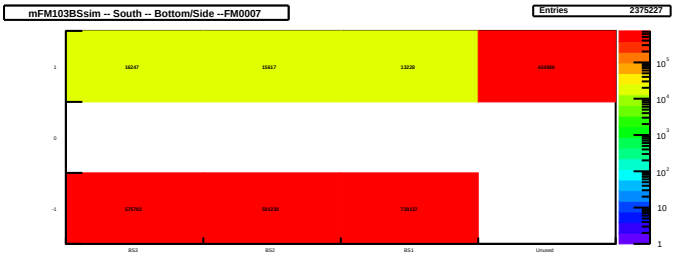

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.13191e+07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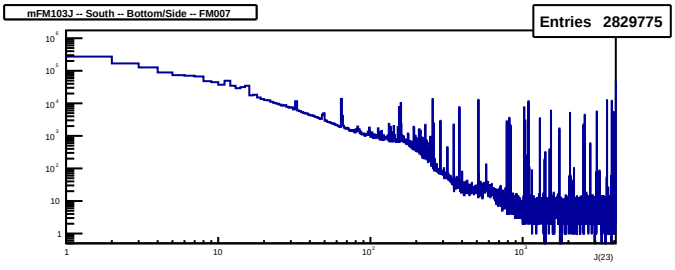
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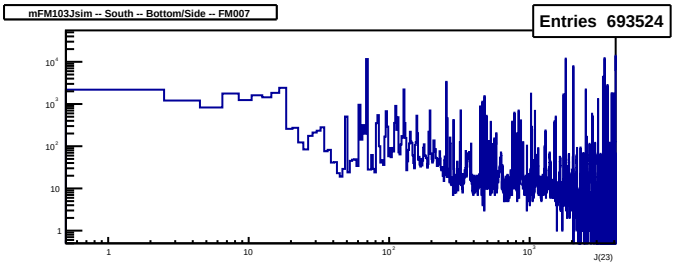
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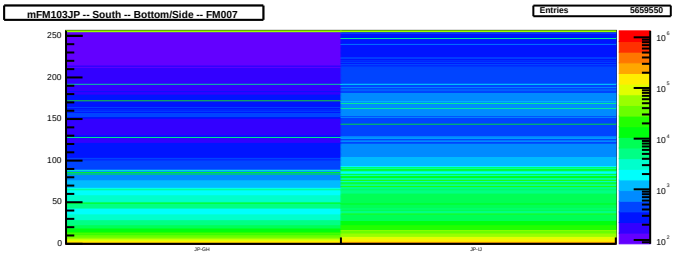
J(23)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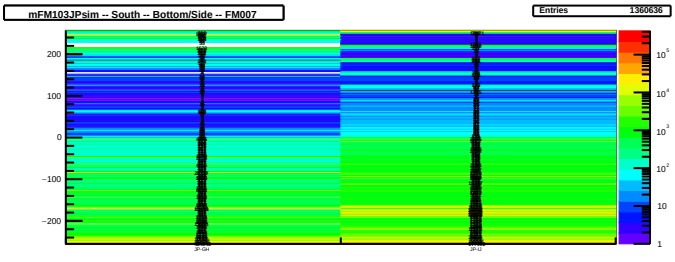
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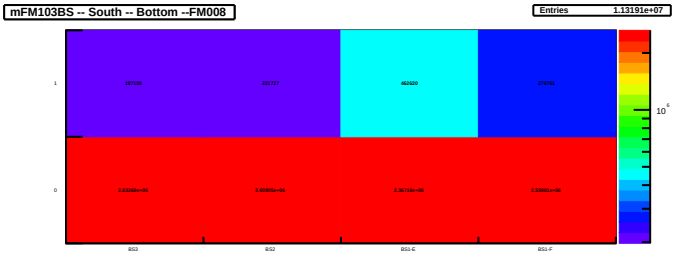
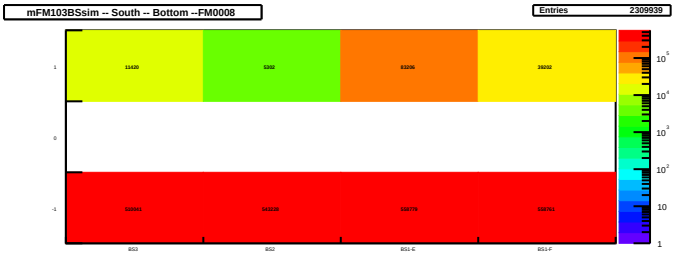

mFM103BS -- South -- Bottom --FM008
Entries 1.13191e+07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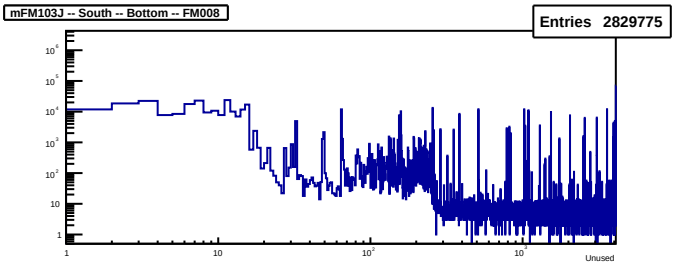
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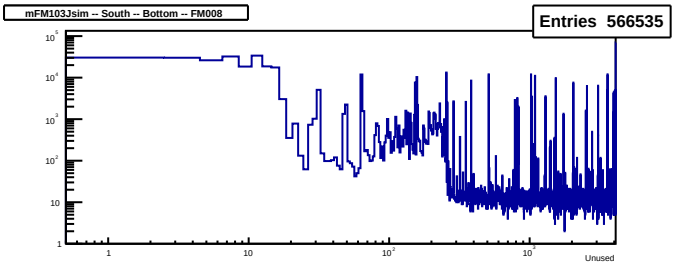
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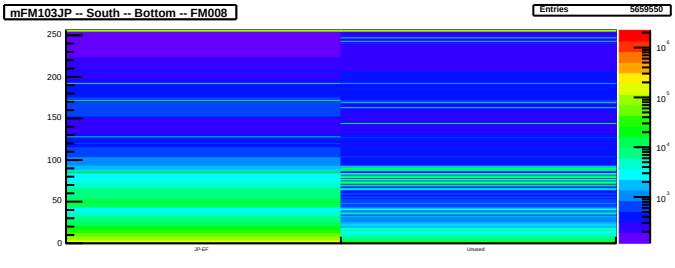
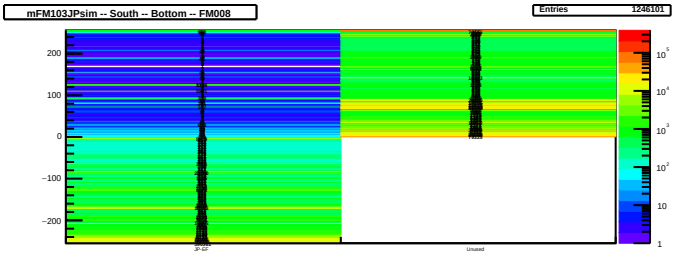

mFM103JP -- South -- Bottom -- FM008
Entries 5659550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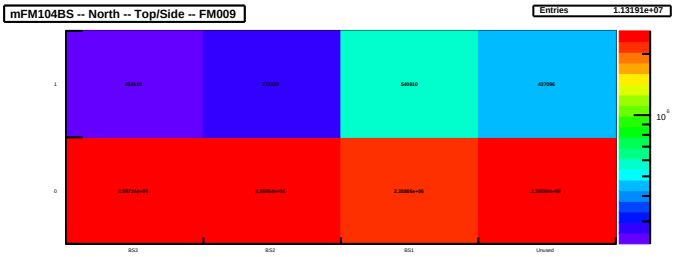
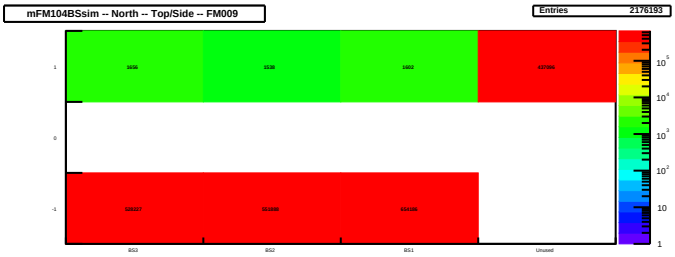
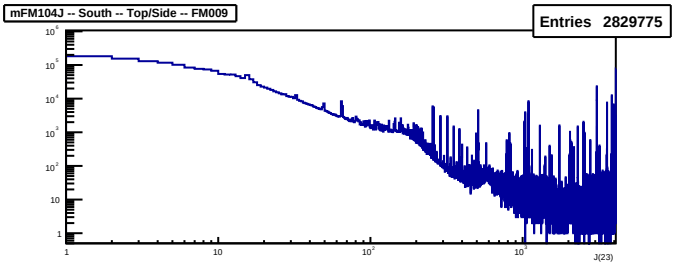
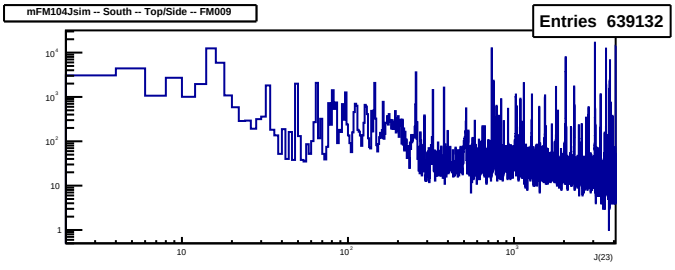
Entries 1246101


mFM104BS -- North -- Top/Side -- FM009
Entries 1.13191e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 2176193


mFM104J -- South -- Top/Side -- FM009
Entries 2829775
J(23)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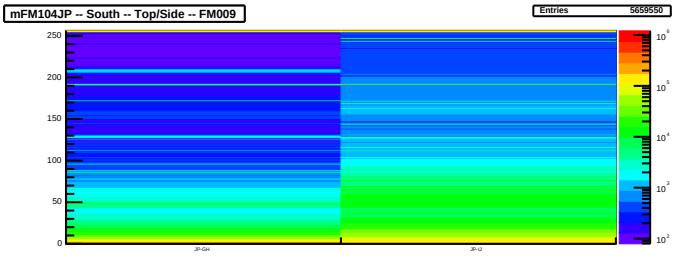
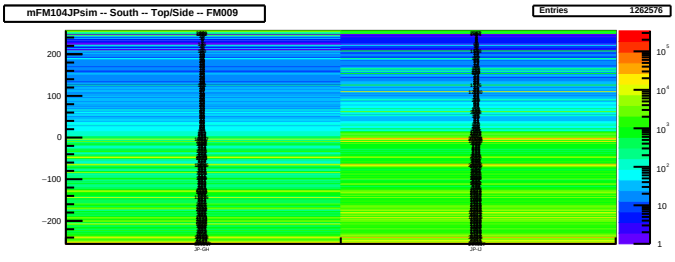
Entries 639132
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 5659550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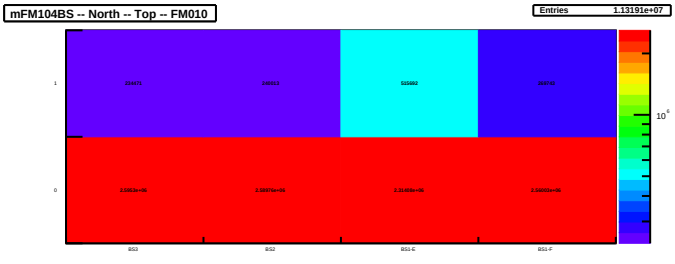
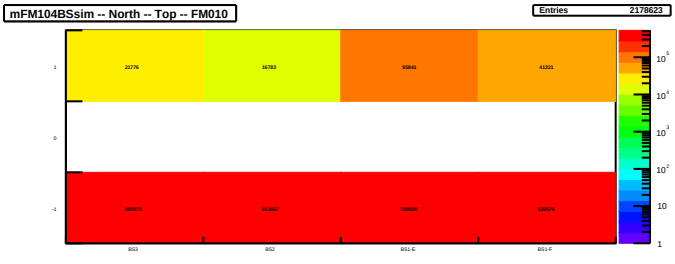
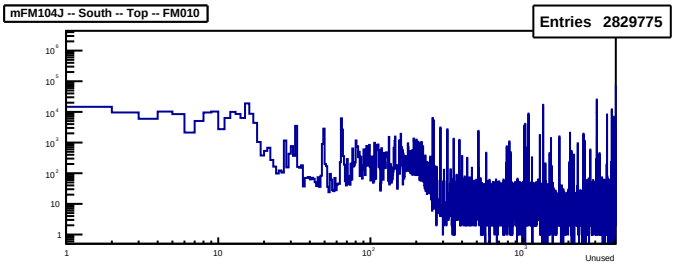
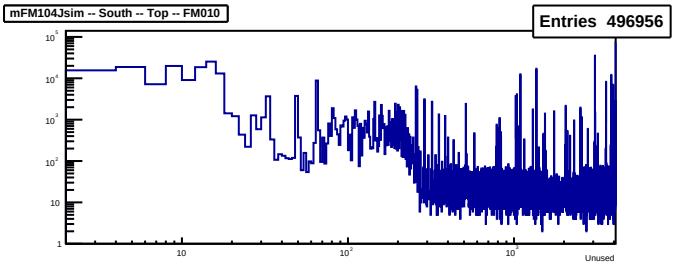
Entries 1262576


mFM104BS -- North -- Top -- FM010
Entries 1.13191e+07


mFM104BSsim -- North -- Top -- FM010
Entries 2178623


mFM104J -- South -- Top -- FM010
Entries 2829775
Unused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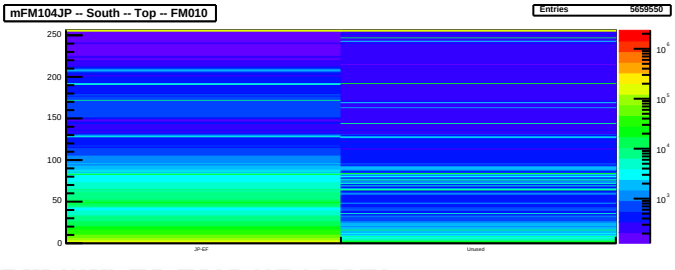
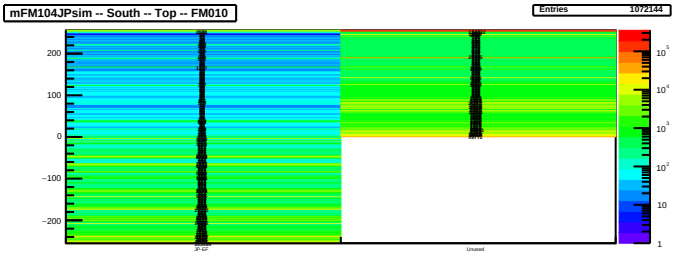
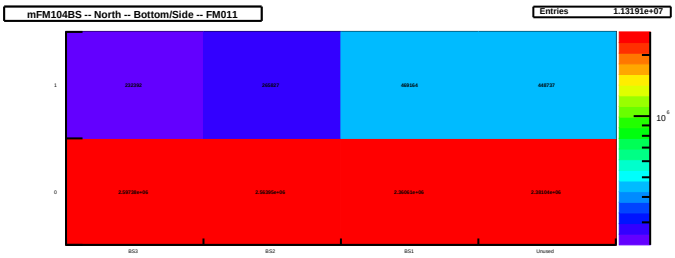
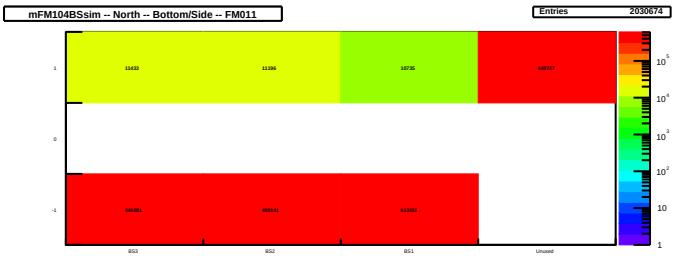
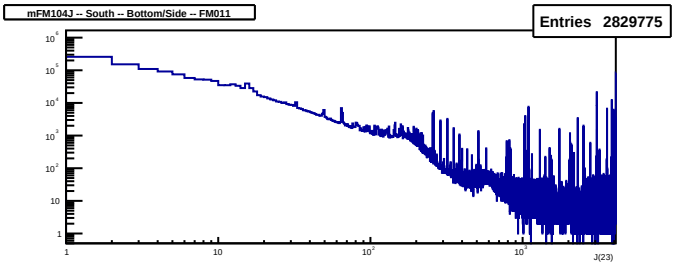
Entries 496956
Unused

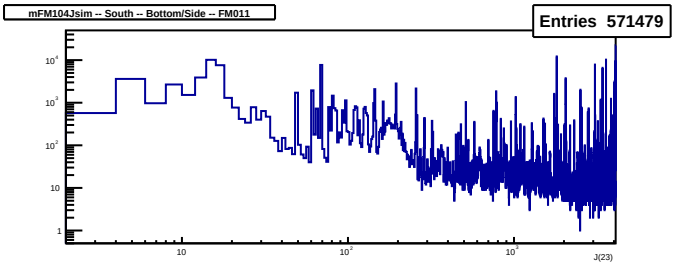

mFM104JP -- South -- Top -- FM010
Entries 5659550


mFM104JPsim -- South -- Top -- FM010
Entries 1072144


mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.13191e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2030674


mFM104J -- South -- Bottom/Side -- FM011
Entries 2829775
J(23)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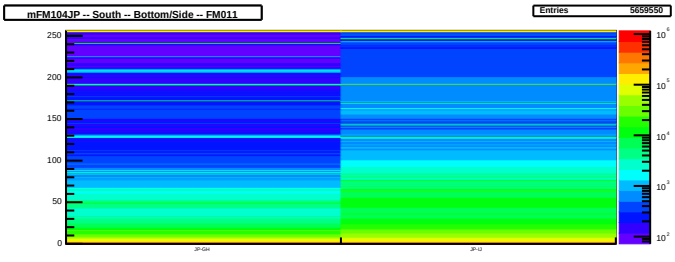
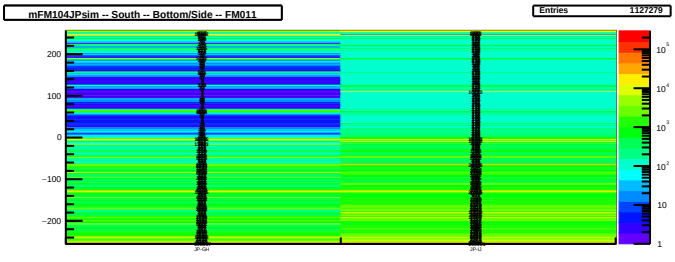
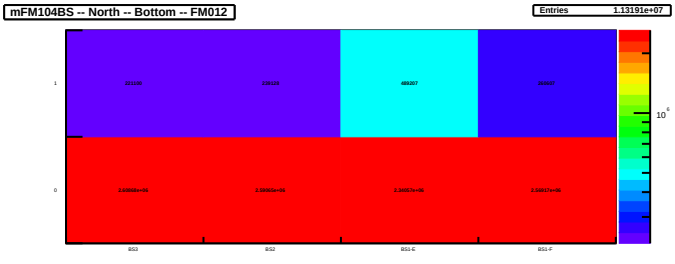
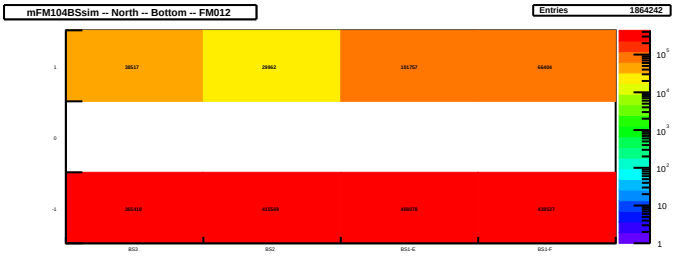
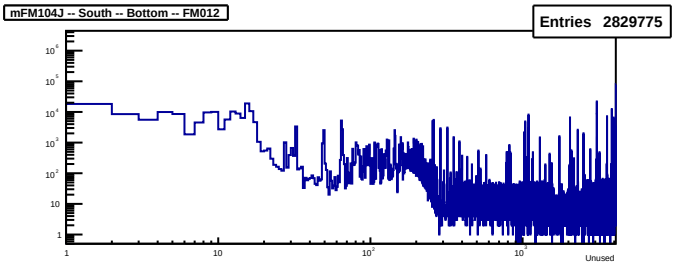
Entries 571479
J(23)

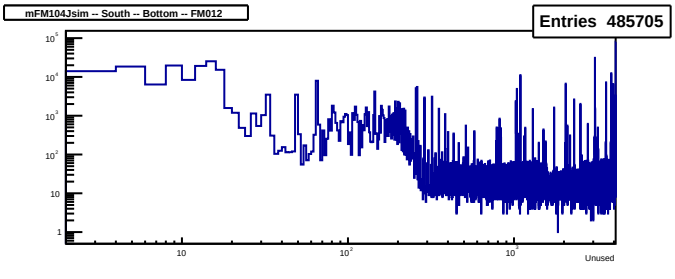

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5659550

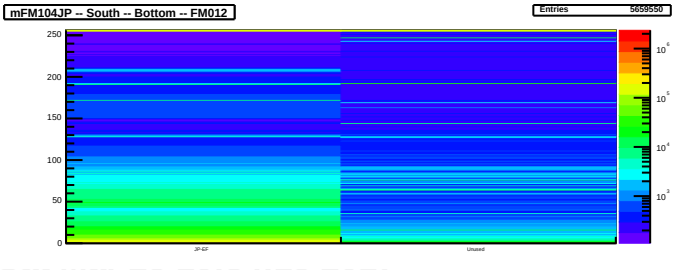

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1127279

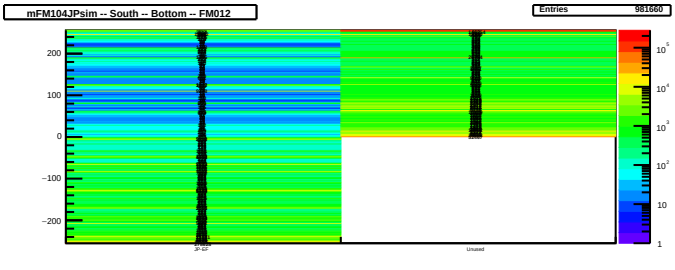

mFM104BS -- North -- Bottom -- FM012
Entries 1.13191e+07

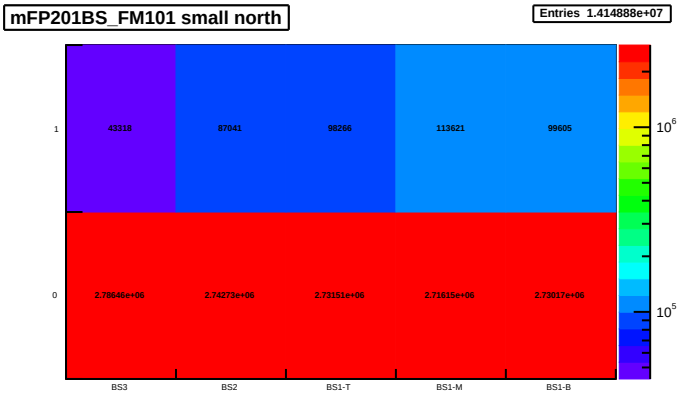

mFM104BSsim -- North -- Bottom -- FM012
Entries 1864242

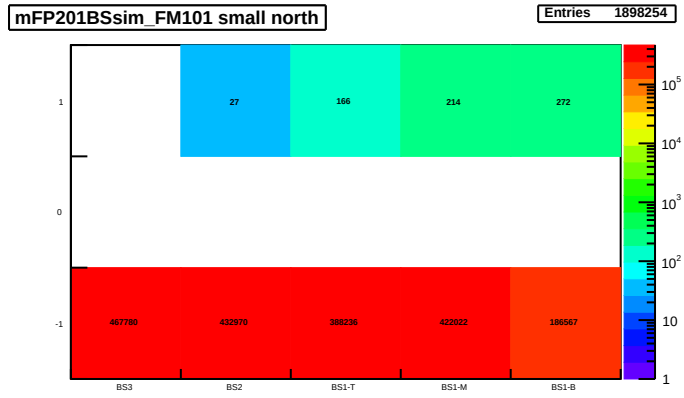

mFM104J -- South -- Bottom -- FM012
Entries 2829775
Unused

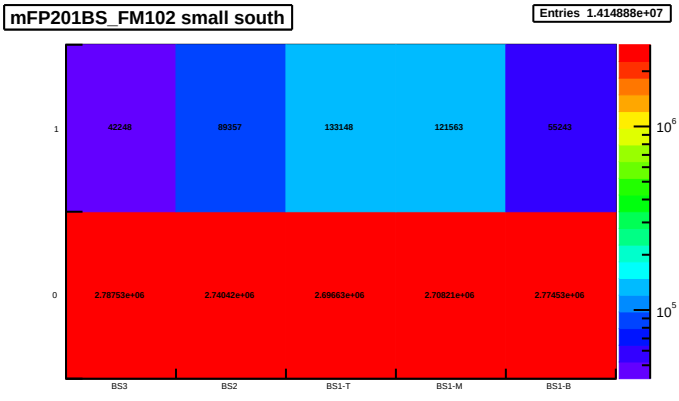

mFM104Jsim -- South -- Bottom -- FM012
Entries 485705
Unused

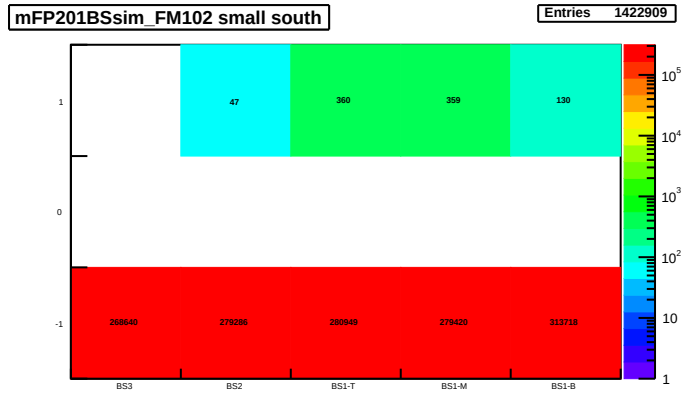

mFM104JP -- South -- Bottom -- FM012
Entries 5659550

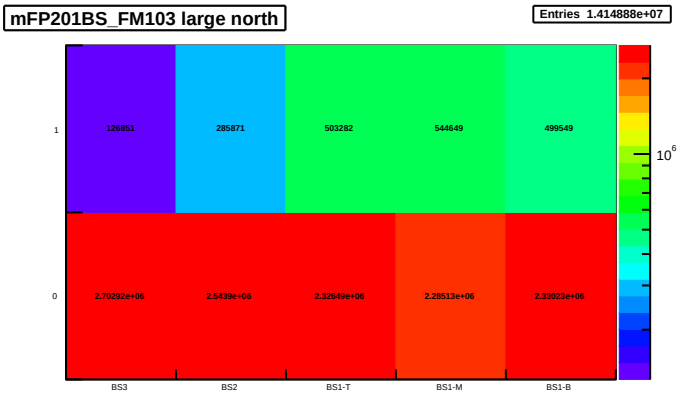

mFM104JPsim -- South -- Bottom -- FM012
Entries 981660

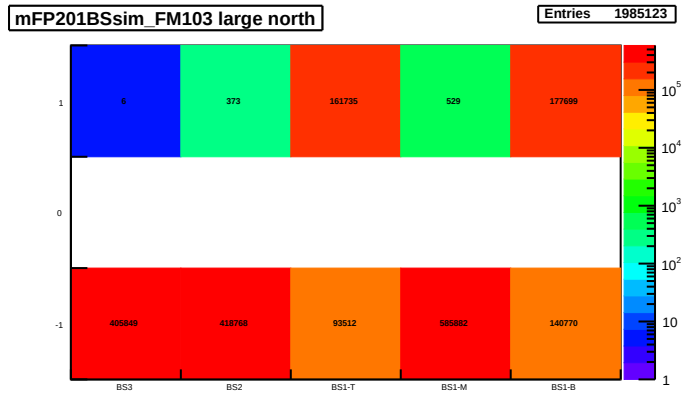

mFP201BS_FM101 small north
Entries 1.414888e+07
43318
87041
98266
113621
99605
2.78646e+06
2.74273e+06
2.73151e+06
2.71615e+06
2.73017e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

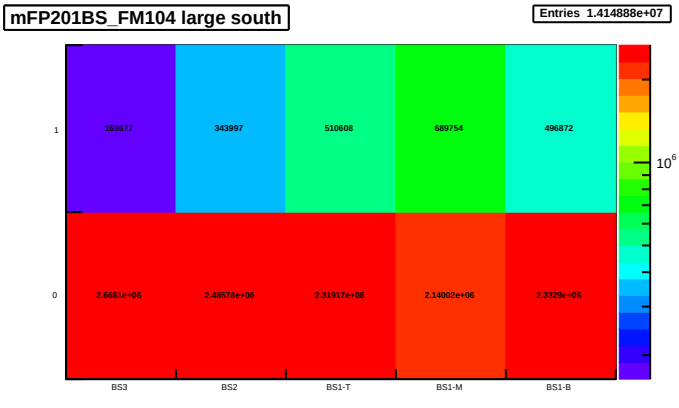

mFP201BSsim_FM101 small north
Entries 1898254
27
166
214
272
467780
432970
388236
422022
186567
BS3
BS2
BS1-T
BS1-M
BS1-B

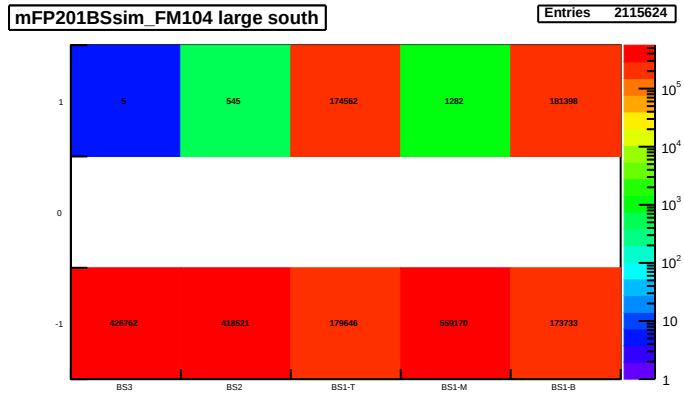

mFP201BS_FM102 small south
Entries 1.414888e+07
42248
89357
133148
121563
55243
2.78753e+06
2.74042e+06
2.69663e+06
2.70821e+06
2.77453e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

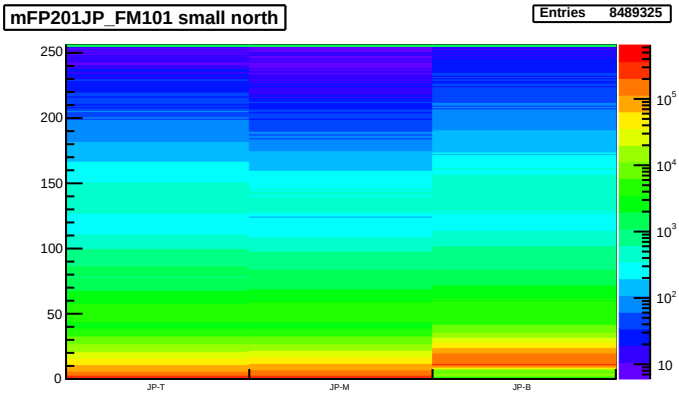

mFP201BSsim_FM102 small south
Entries 1422909
47
360
359
130
268640
279286
280949
279420
313718
BS3
BS2
BS1-T
BS1-M
BS1-B

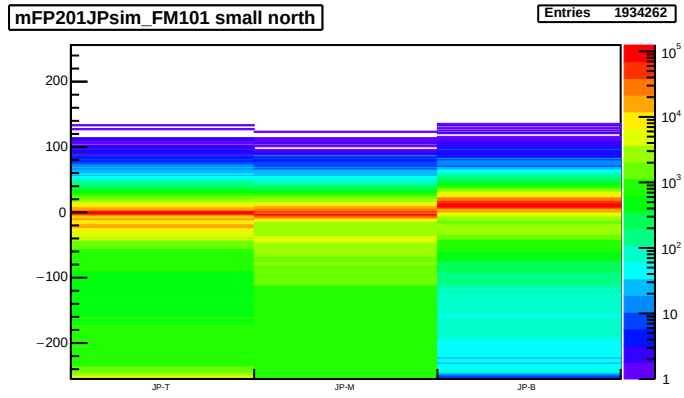

mFP201BS_FM103 large north
Entries 1.414888e+07
126851
285871
503282
544649
499549
2.70292e+06
2.5439e+06
2.32649e+06
2.28513e+06
2.33023e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

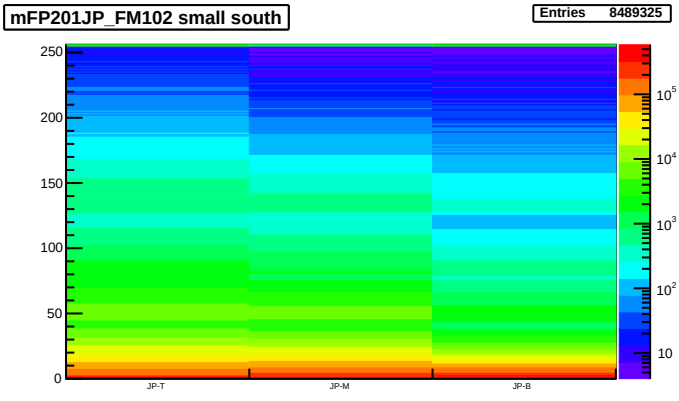

mFP201BSsim_FM103 large north
Entries 1985123
6
373
161735
529
177699
405849
418768
93512
585882
140770
BS3
BS2
BS1-T
BS1-M
BS1-B

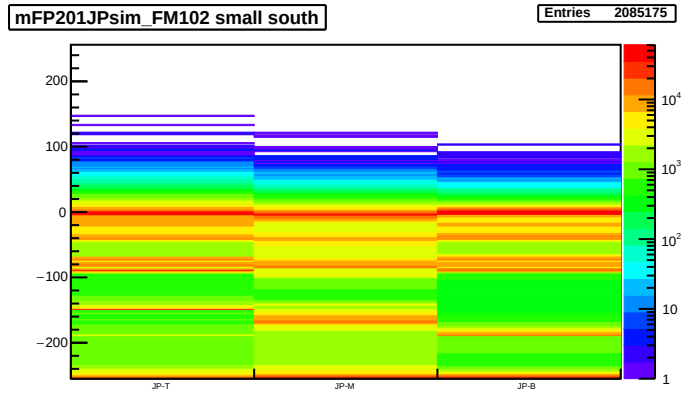

mFP201BS_FM104 large south
Entries 1.414888e+07
163677
343997
510608
689754
496872
2.6661e+06
2.48578e+06
2.31917e+06
2.14002e+06
2.3329e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

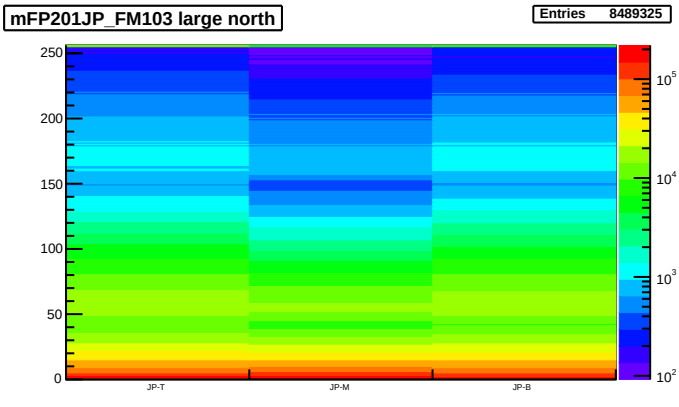

mFP201BSsim_FM104 large south
Entries 2115624
5
545
174562
1282
181398
426762
418521
179646
559170
173733
BS3
BS2
BS1-T
BS1-M
BS1-B

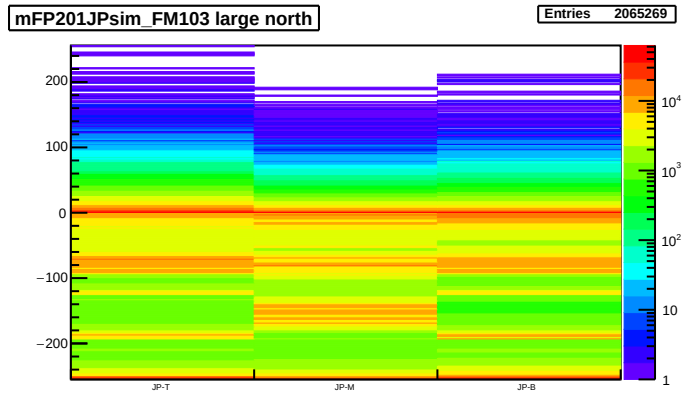

mFP201JP_FM101 small north
Entries 8489325
JP-T
JP-M
JP-B

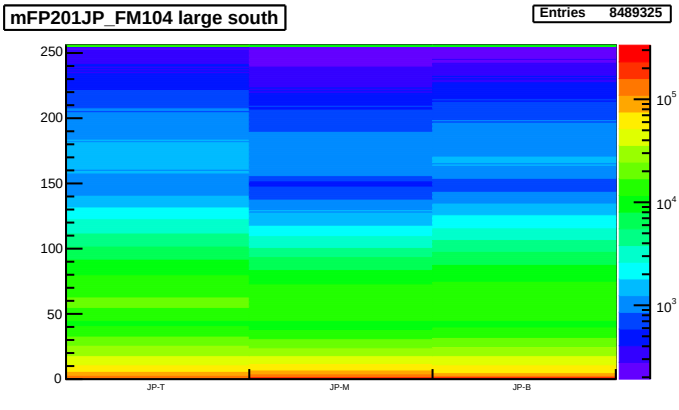

mFP201JPsim_FM101 small north
Entries 1934262
JP-T
JP-M
JP-B

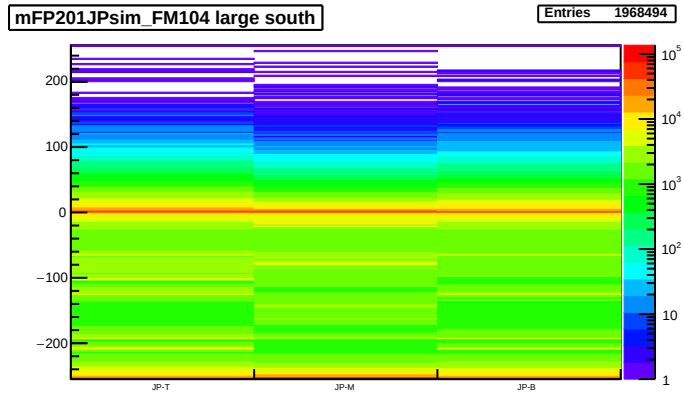

mFP201JP_FM102 small south
Entries 8489325
JP-T
JP-M
JP-B

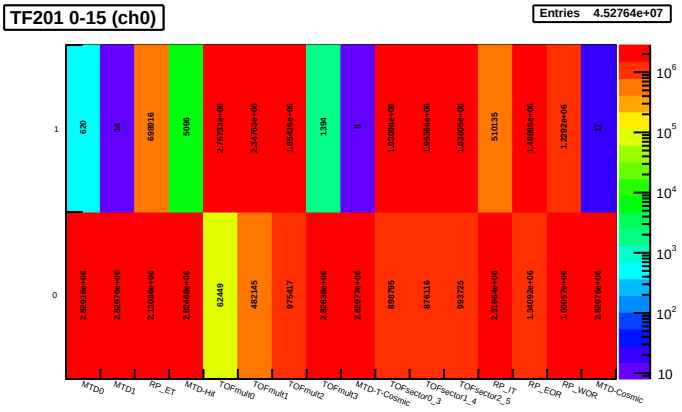

mFP201JPsim_FM102 small south
Entries 2085175
JP-T
JP-M
JP-B

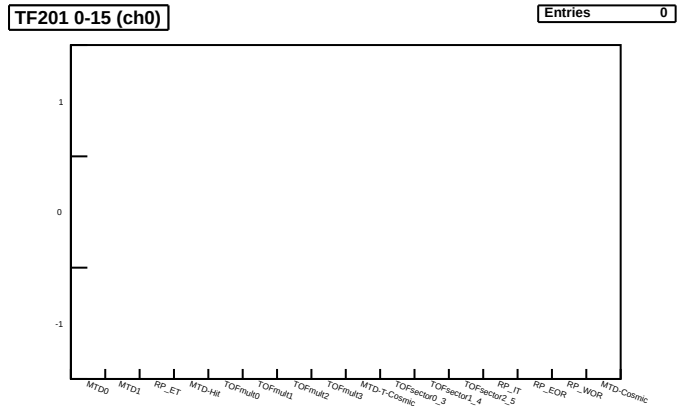

mFP201JP_FM103 large north
Entries 8489325
JP-T
JP-M
JP-B

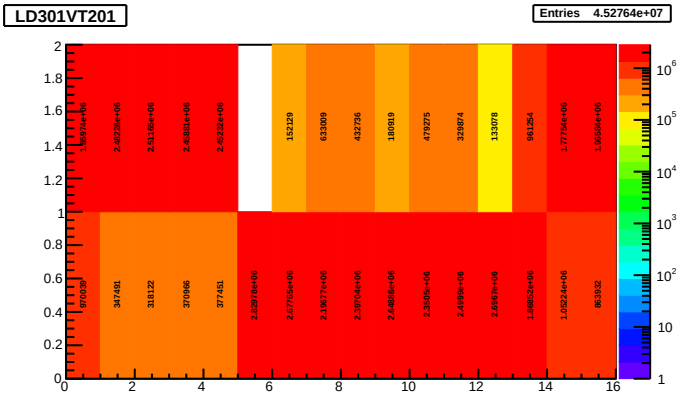

mFP201JPsim_FM103 large north
Entries 2065269
JP-T
JP-M
JP-B

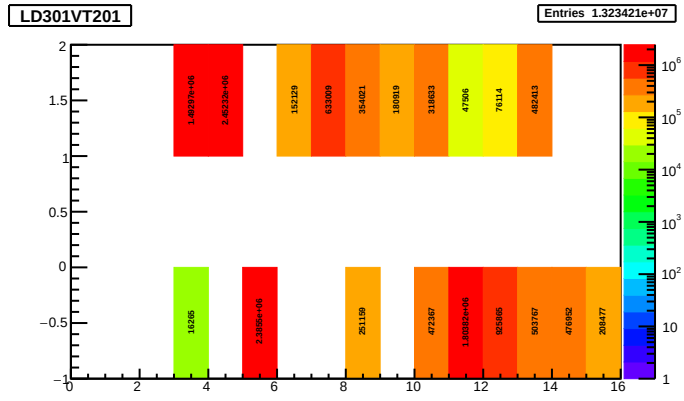

mFP201JP_FM104 large south
Entries 8489325
JP-T
JP-M
JP-B

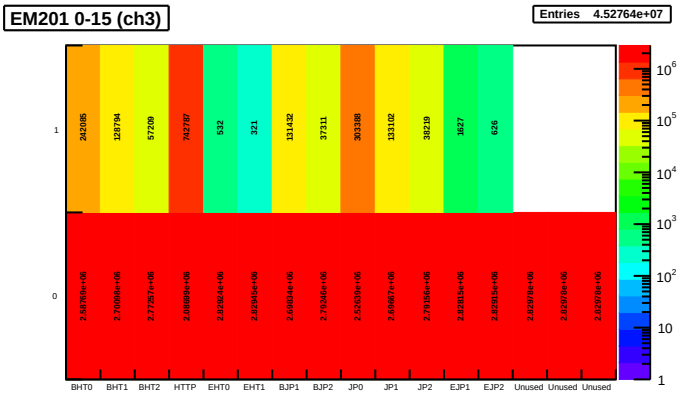

mFP201JPsim_FM104 large south
Entries 1968494
JP-T
JP-M
JP-B

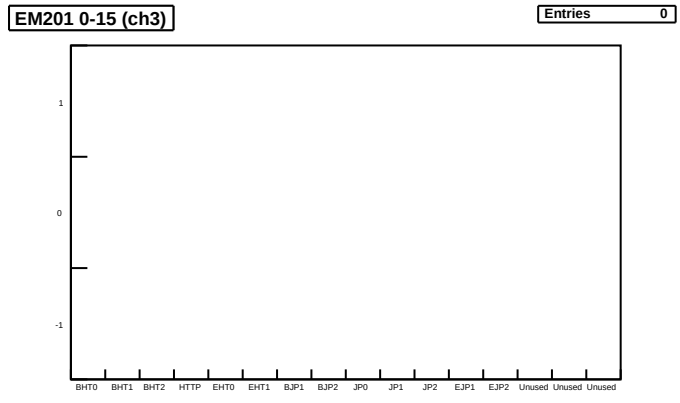

TF201 0-15 (ch0)
Entries 4.52764e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

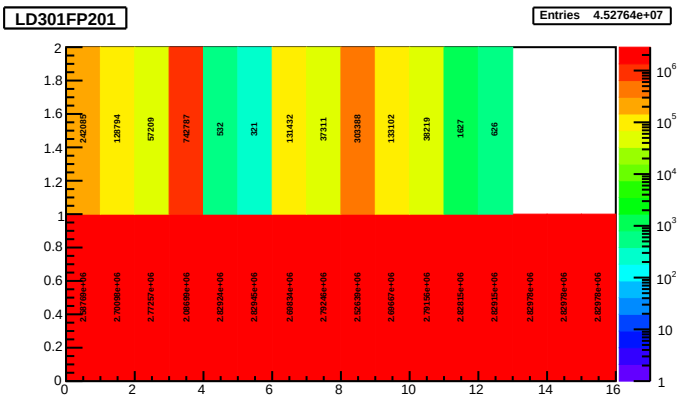

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

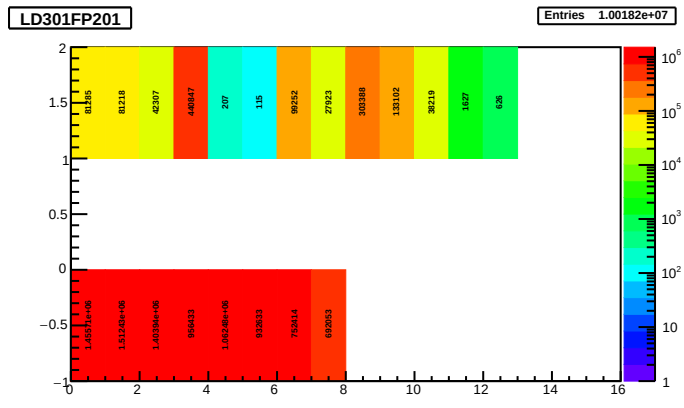

LD301VT201
Entries 4.52764e+07


LD301VT201
Entries 1.323421e+07


EM201 0-15 (ch3)
Entries 4.52764e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 4.52764e+07


LD301FP201
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