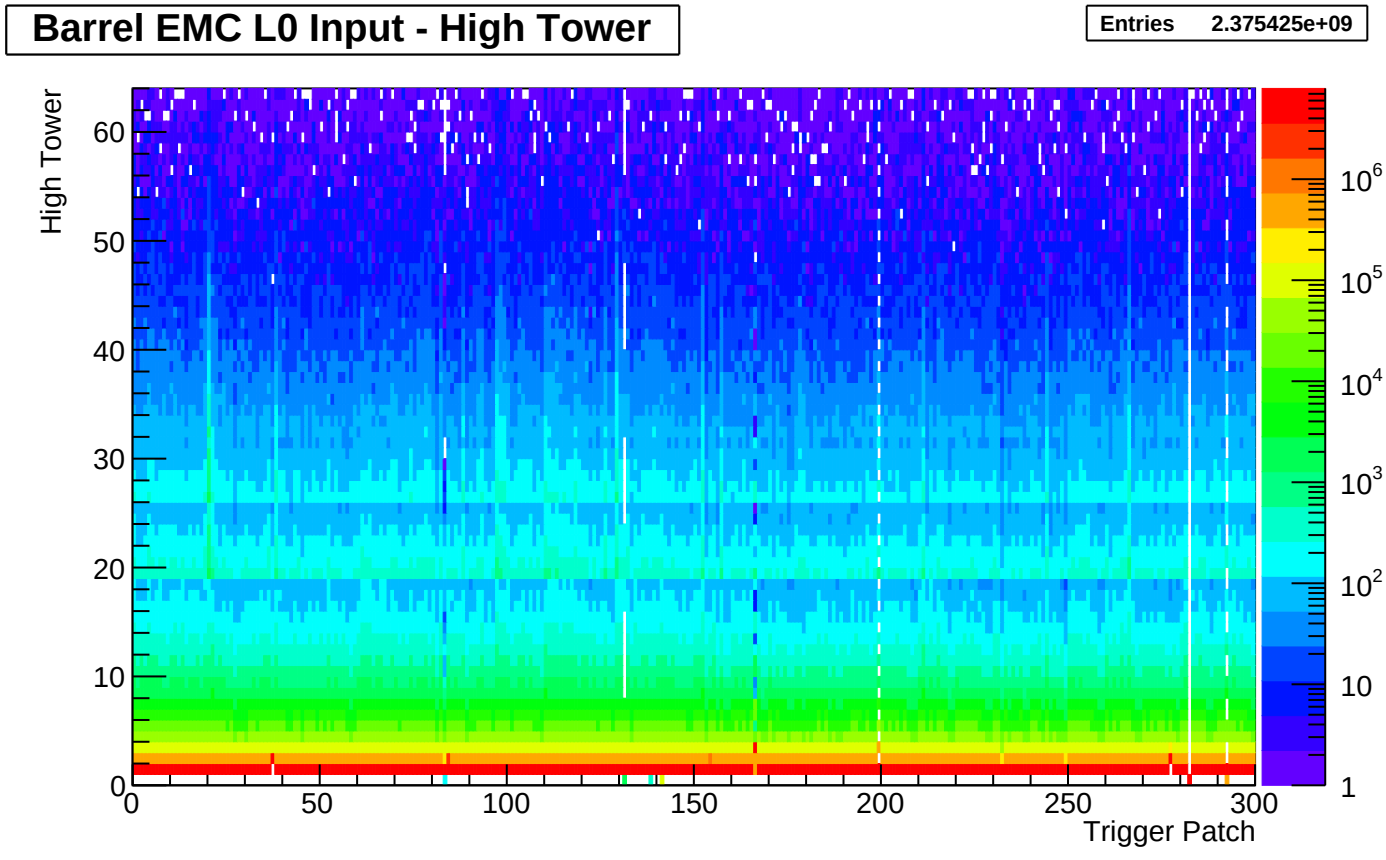
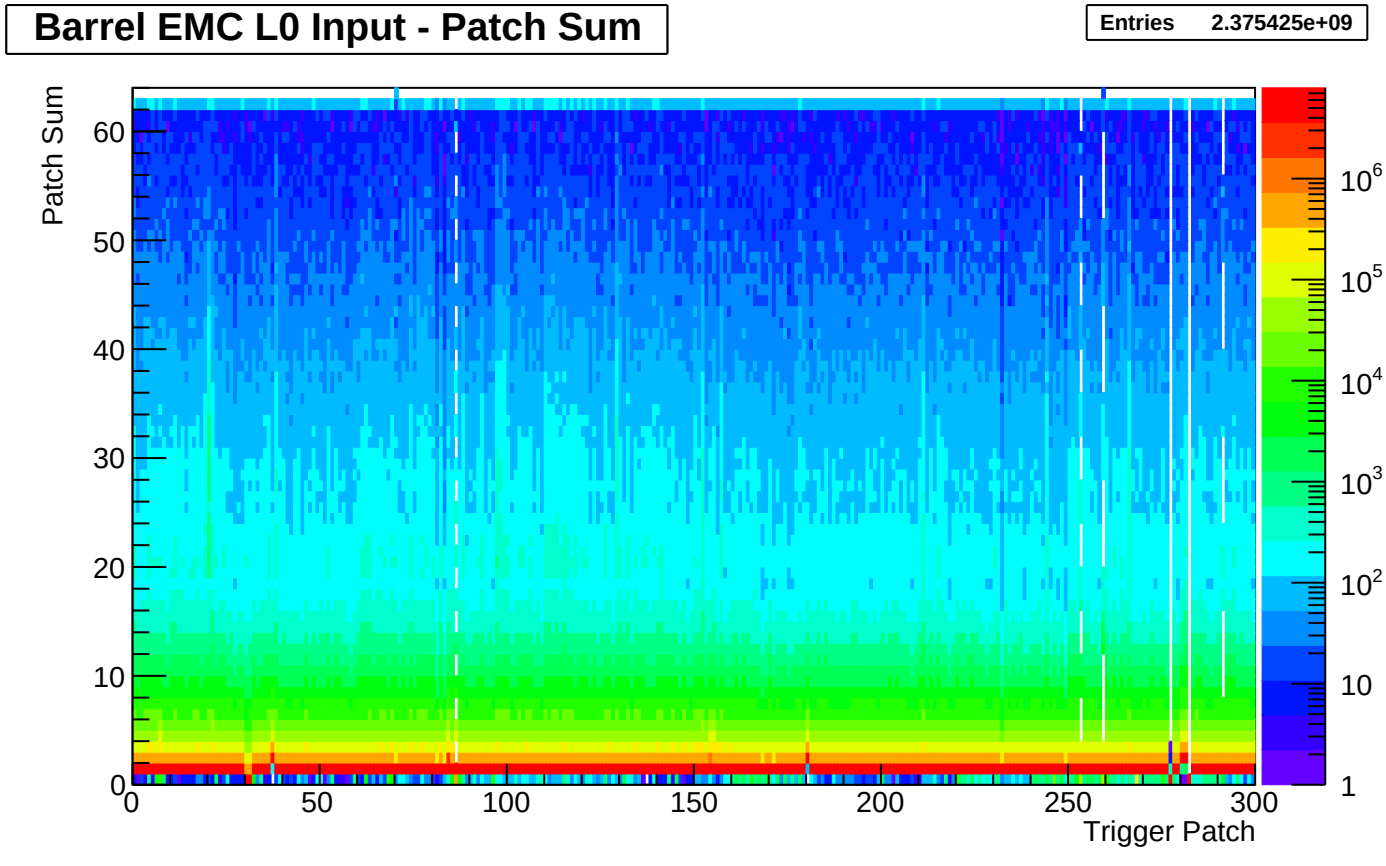
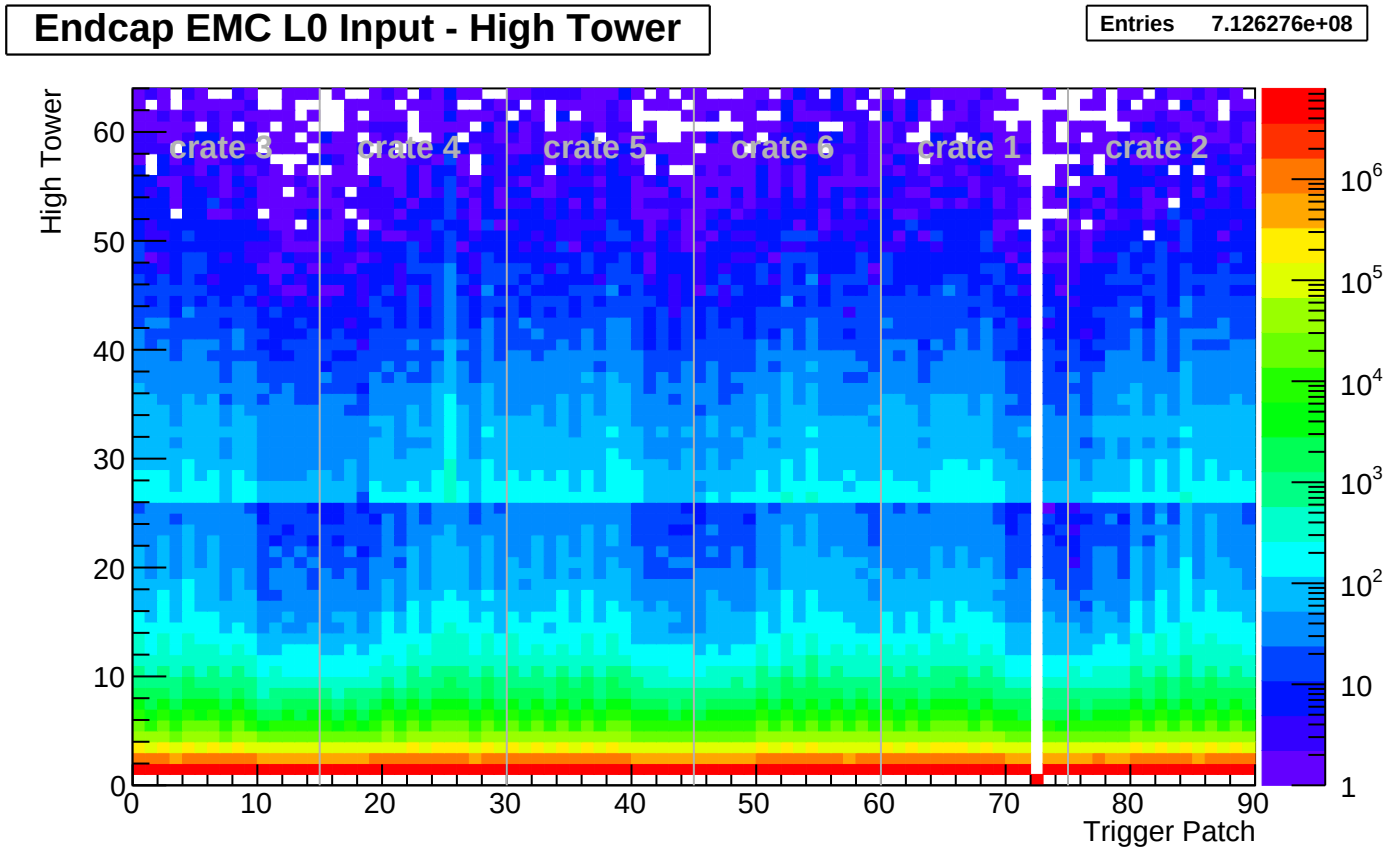
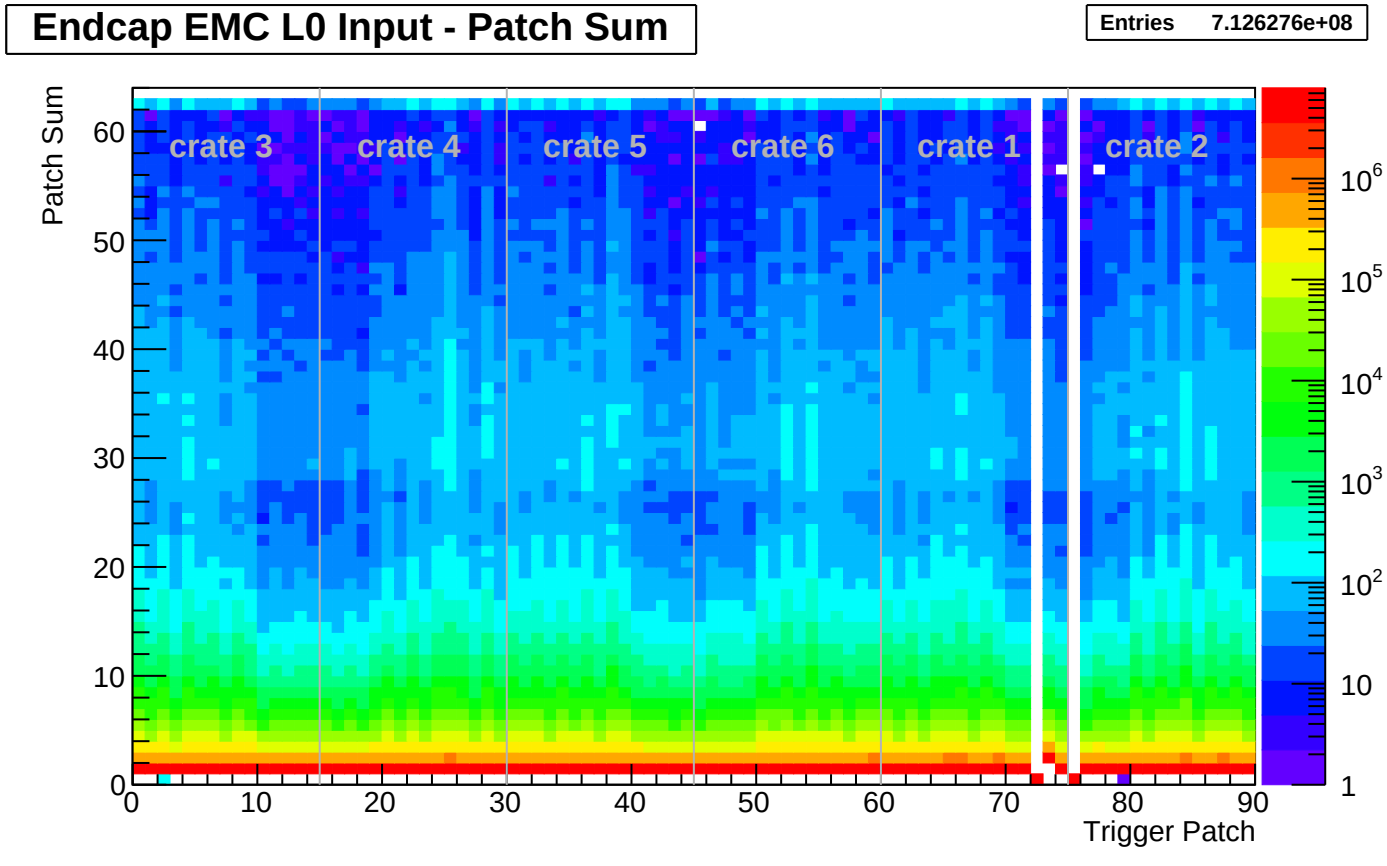
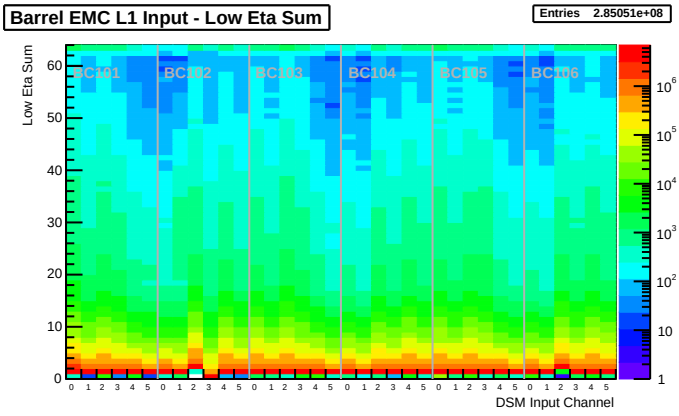
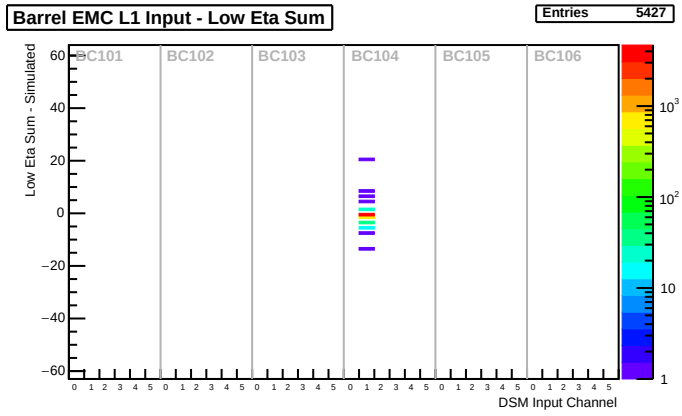

Barrel EMC L0 Input - High Tower
Entries 2.375425e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

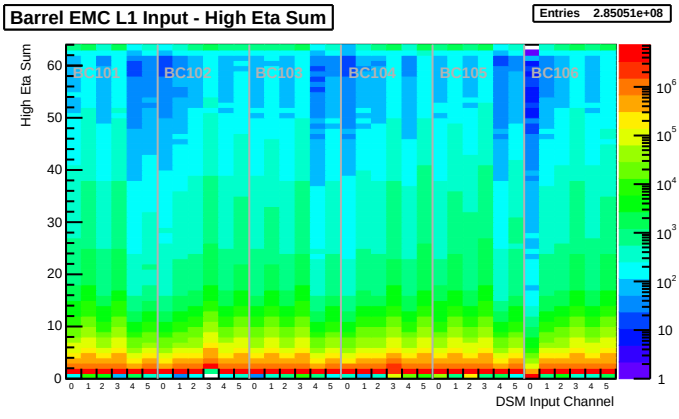

Barrel EMC L0 Input - Patch Sum
Entries 2.375425e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

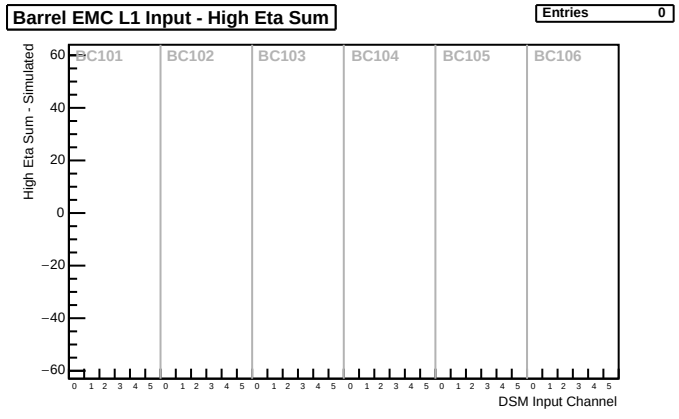

Endcap EMC L0 Input - High Tower
Entries 7.126276e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

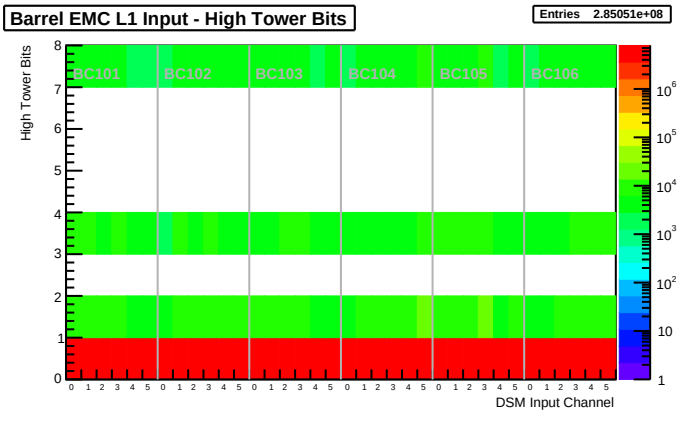

Endcap EMC L0 Input - Patch Sum
Entries 7.126276e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

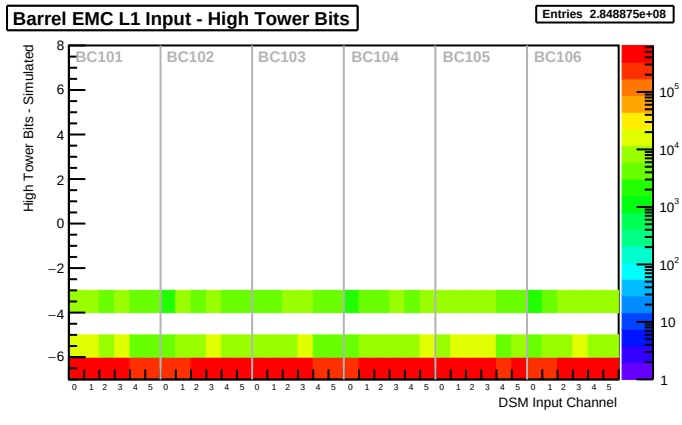

Barrel EMC L1 Input - Low Eta Sum
Entries 2.85051e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

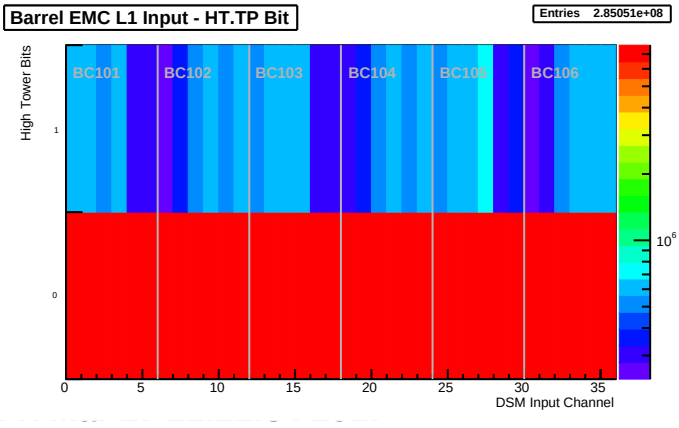

Barrel EMC L1 Input - Low Eta Sum
Entries 5427
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

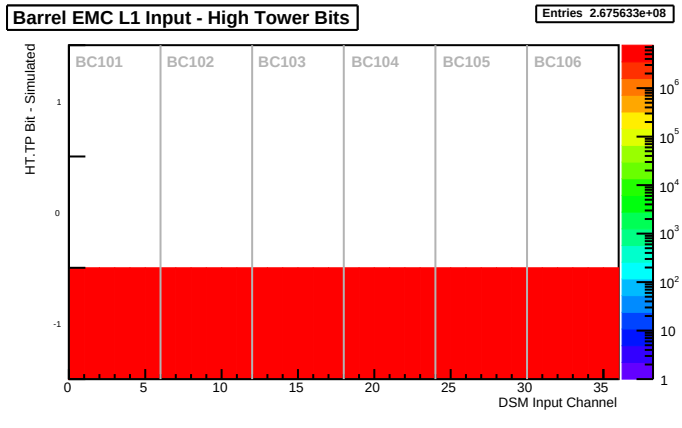

Barrel EMC L1 Input - High Eta Sum
Entries 2.85051e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

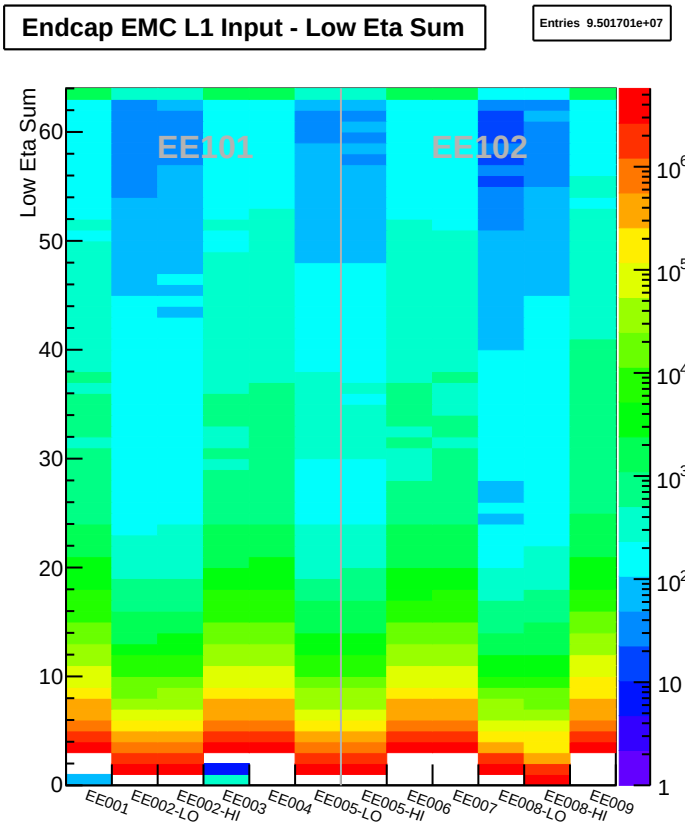

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

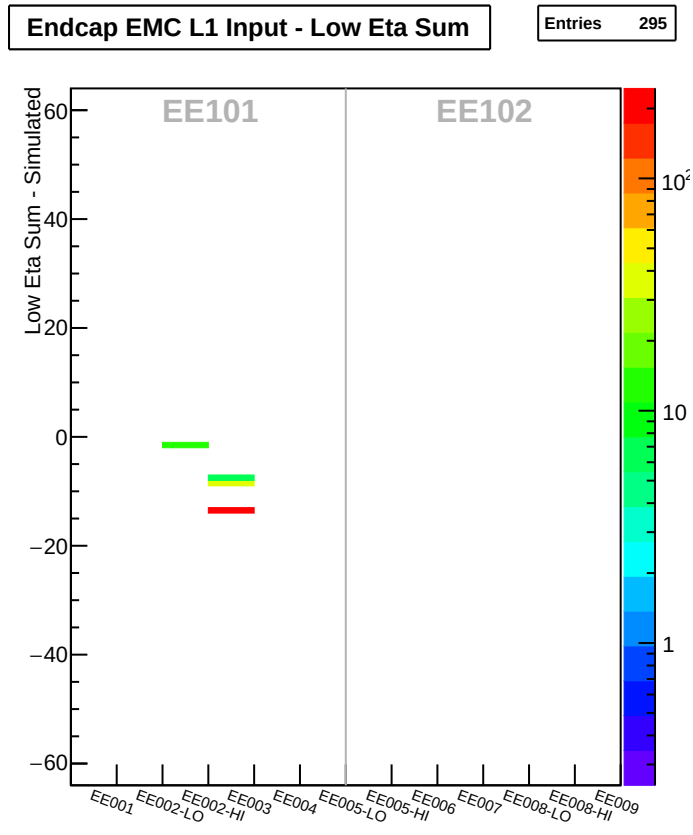

Barrel EMC L1 Input - High Tower Bits
Entries 2.85051e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

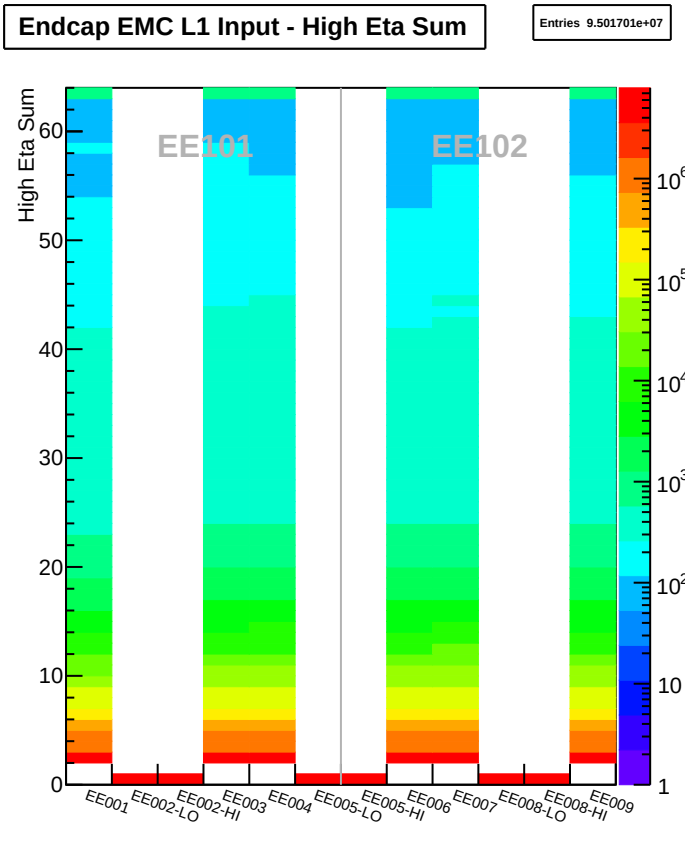

Barrel EMC L1 Input - High Tower Bits
Entries 2.848875e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

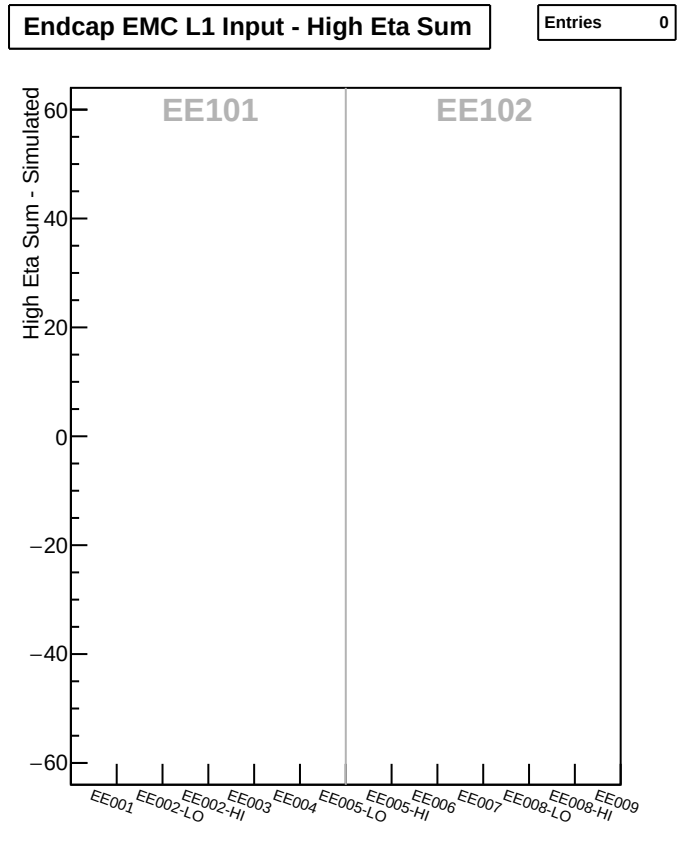

Barrel EMC L1 Input - HT.TP Bit
Entries 2.85051e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 2.675633e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

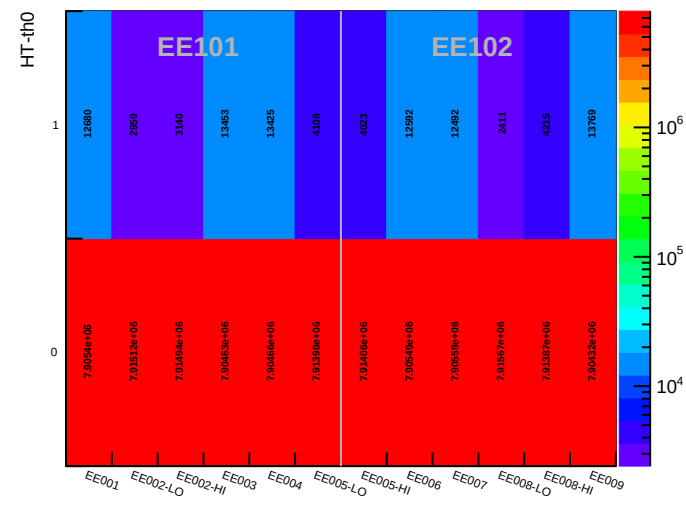

Endcap EMC L1 Input - Low Eta Sum
Entries 9.501701e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 295
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

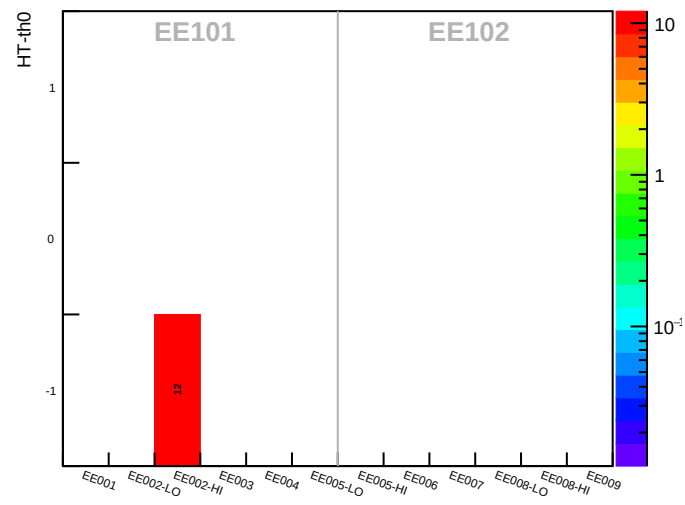

Endcap EMC L1 Input - High Eta Sum
Entries 9.501701e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

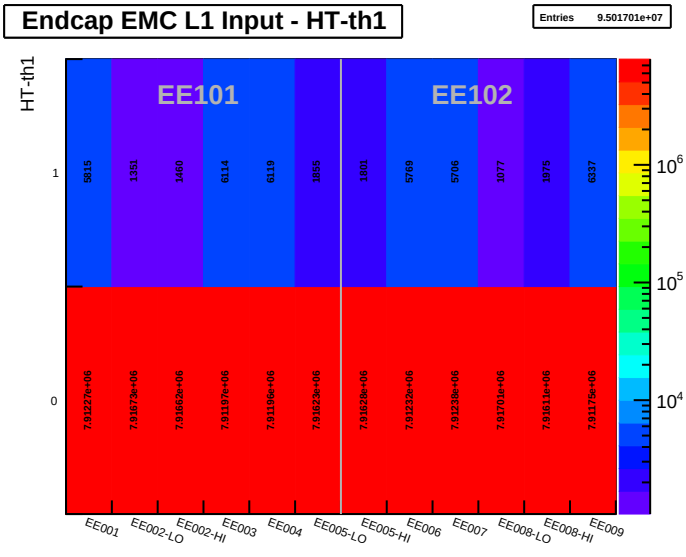
Endcap EMC L1 Input - HT-th0



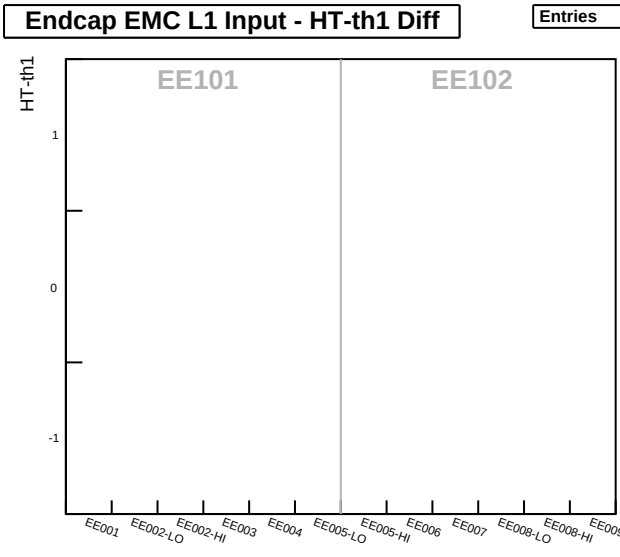
Endcap EMC L1 Input - HT-th0 Diff



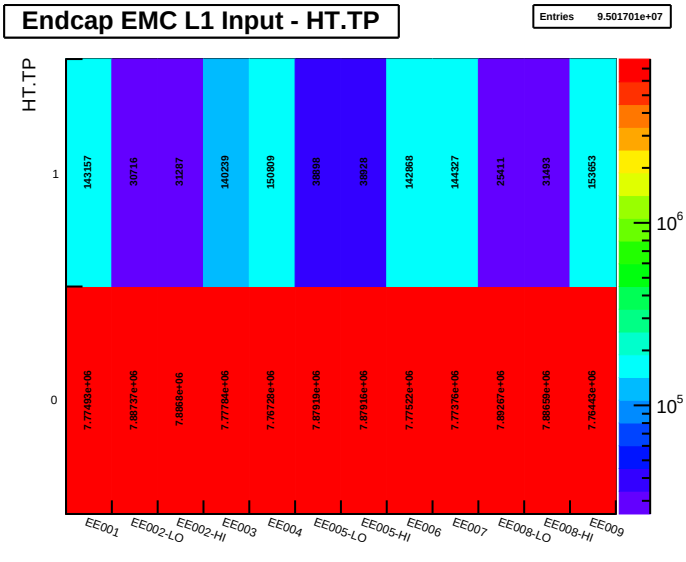
Endcap EMC L1 Input - HT-th1



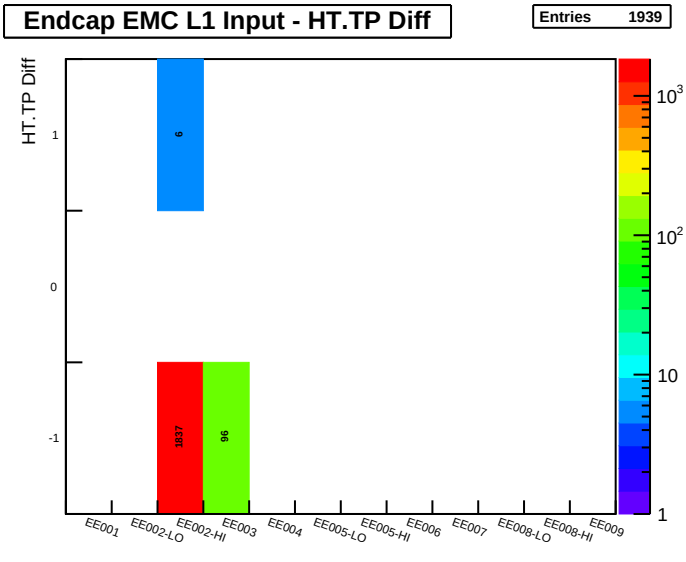
Endcap EMC L1 Input - HT-th1 Diff

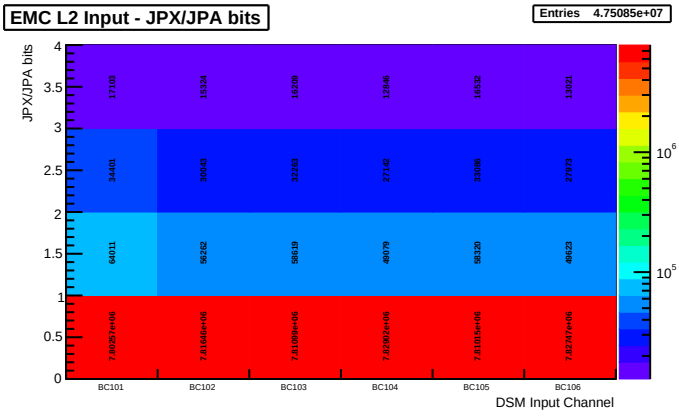


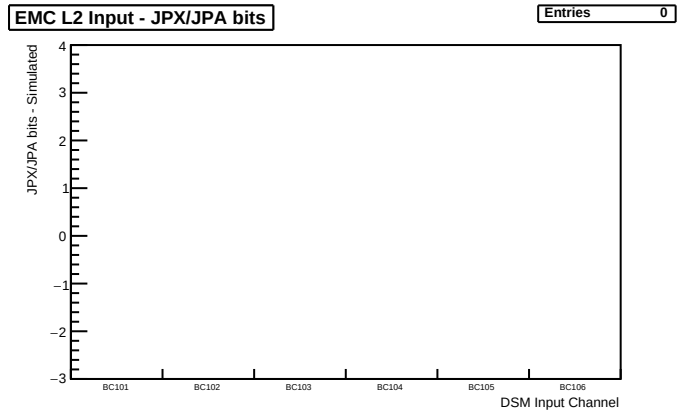
Endcap EMC L1 Input - HT.TP

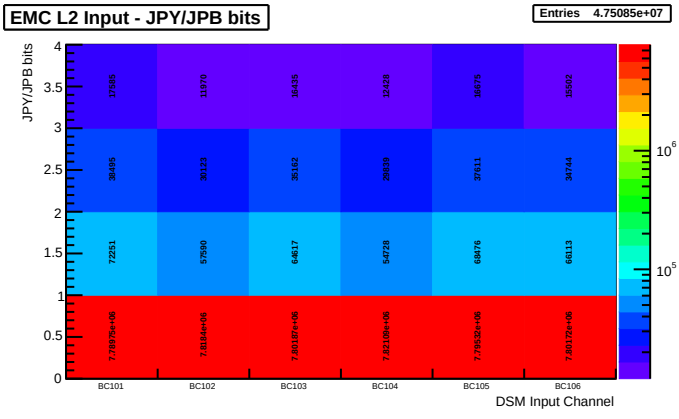


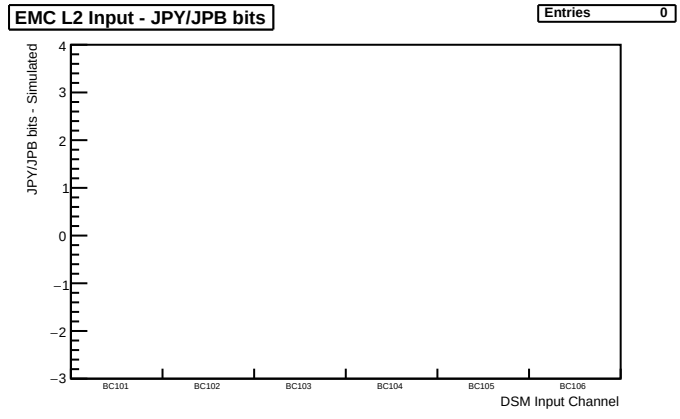
Endcap EMC L1 Input - HT.TP Diff

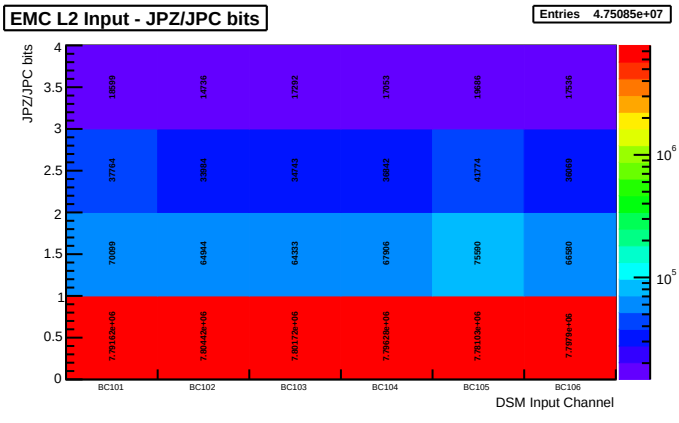


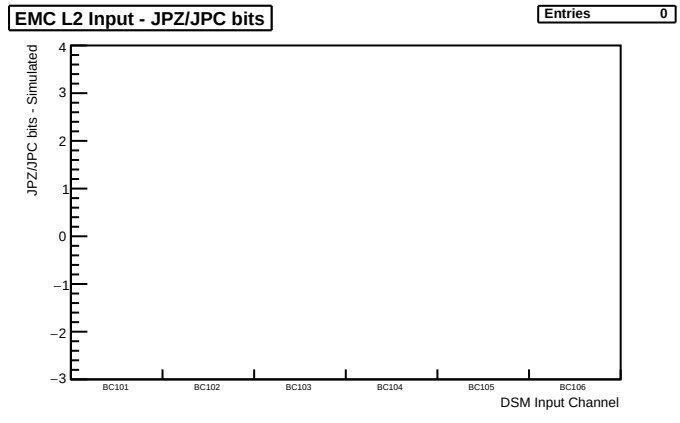

EMC L2 Input - JPX/JPA bits
Entries 4.75085e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
17103
15324
16239
12346
16532
13921
34401
30043
32263
27142
33086
27973
64011
56262
58619
49079
58320
49623
7.80257e+06
7.81456e+06
7.81099e+06
7.82302e+06
7.81015e+06
7.82767e+06

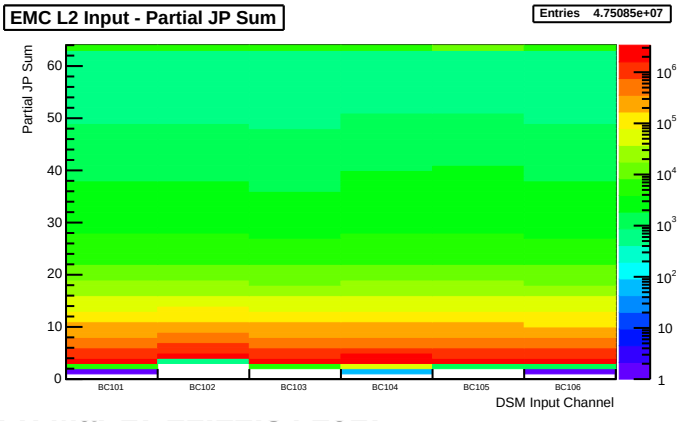

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

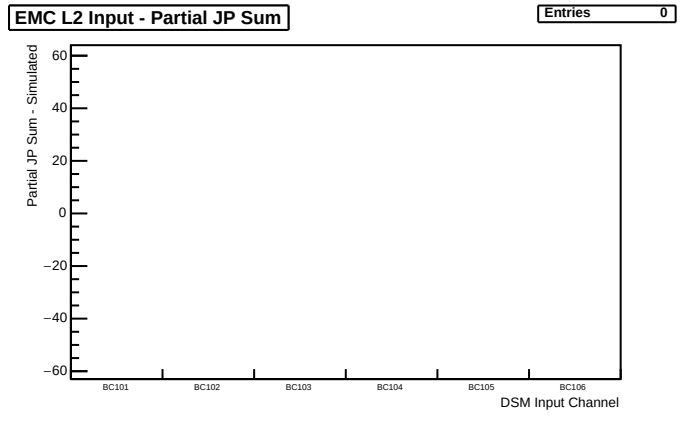

EMC L2 Input - JPY/JPB bits
Entries 4.75085e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13585
11970
16435
12428
16975
15502
38495
30123
35162
29839
37611
34744
72251
57590
64617
54728
69476
66113
7.78975e+06
7.8194e+06
7.80187e+06
7.82109e+06
7.79532e+06
7.80172e+06

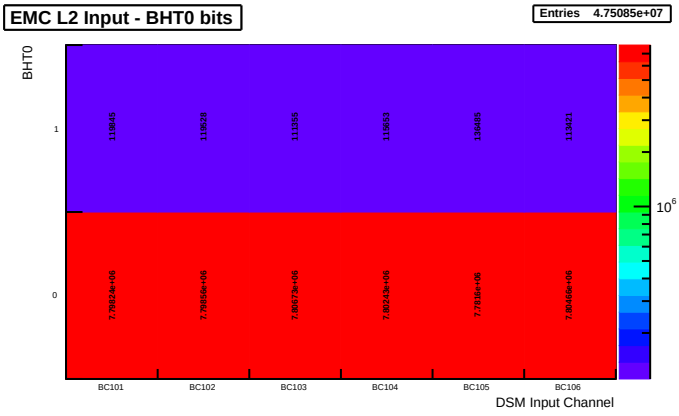

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

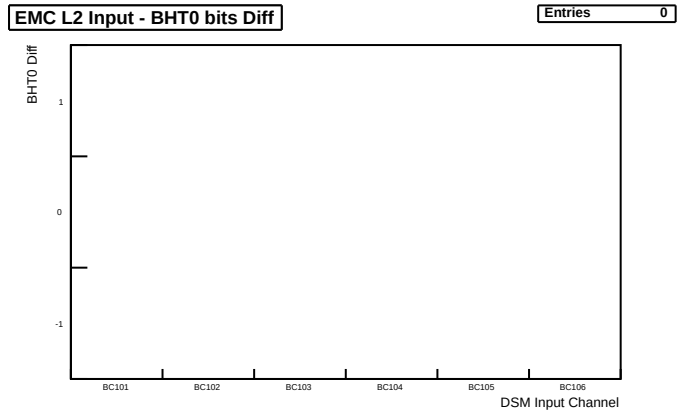

EMC L2 Input - JPZ/JPC bits
Entries 4.75085e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
18839
14736
17232
17053
19686
17536
37764
33834
36743
36842
41774
36869
70099
64944
64333
67906
75980
66980
7.78152e+06
7.80442e+06
7.80172e+06
7.79528e+06
7.78193e+06
7.7979e+06

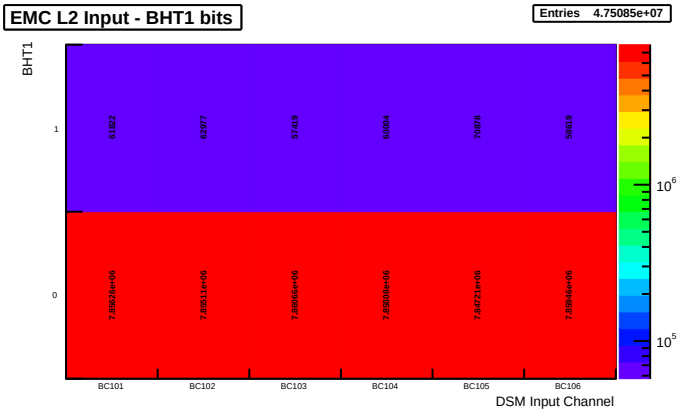

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

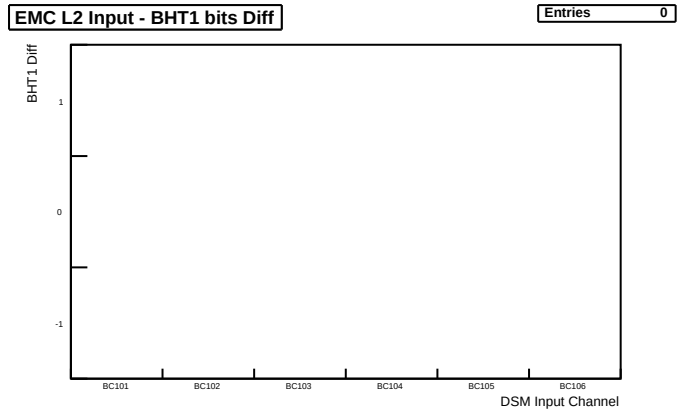

EMC L2 Input - Partial JP Sum
Entries 4.75085e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

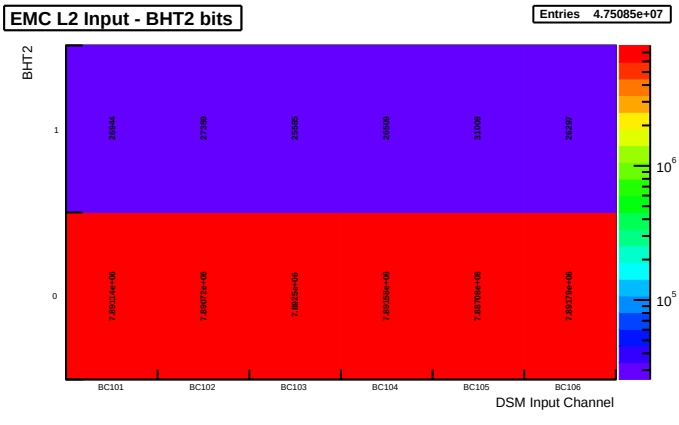

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

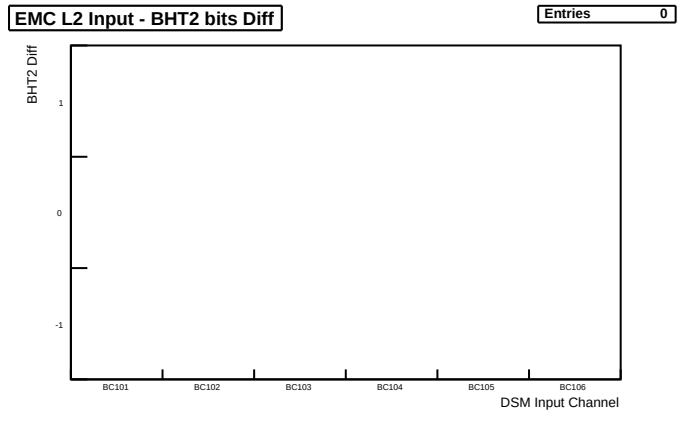

EMC L2 Input - BHT0 bits
Entries 4.75085e+07
BHT0
1
0
119845
119528
111355
115653
136485
113421
7.79824e+06
7.79856e+06
7.80673e+06
7.80243e+06
7.7838e+06
7.80456e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

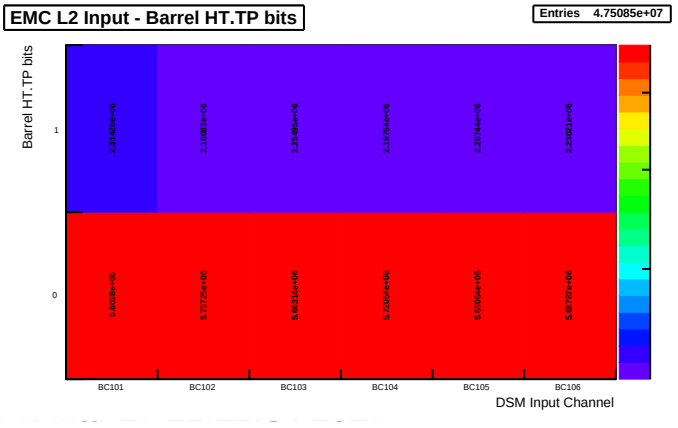

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

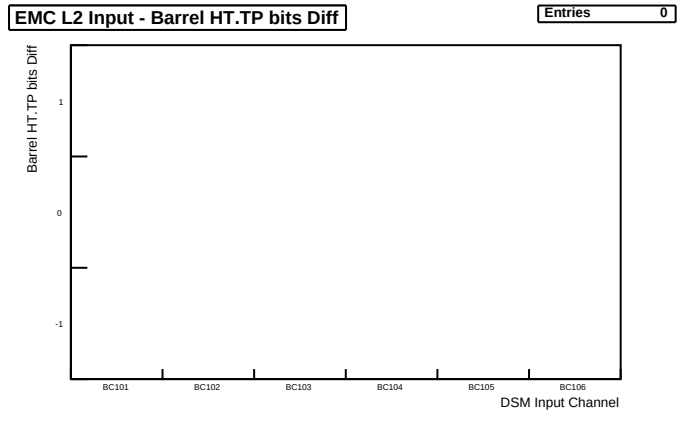

EMC L2 Input - BHT1 bits
Entries 4.75085e+07
BHT1
1
0
61822
62977
57419
60004
70878
55619
7.85526e+06
7.89511e+06
7.86966e+06
7.85908e+06
7.84721e+06
7.85946e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

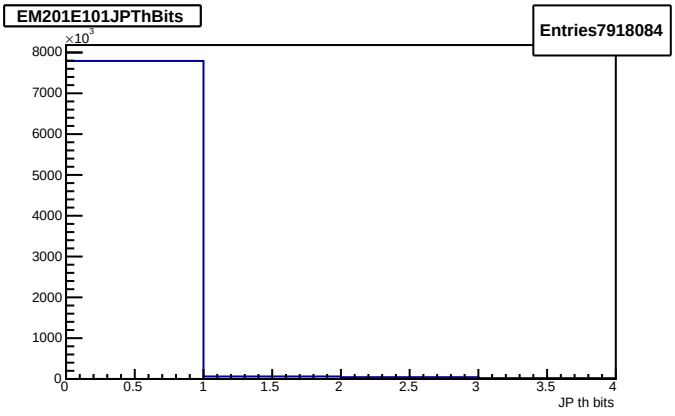

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

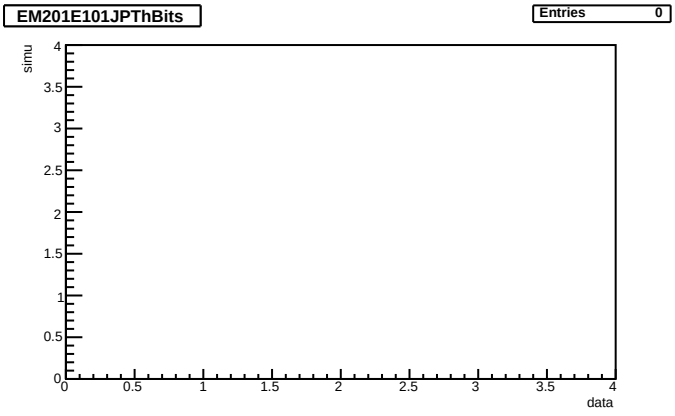

EMC L2 Input - BHT2 bits
Entries 4.75085e+07
BHT2
1
0
26344
27339
25585
26509
31109
26297
7.89114e+06
7.89072e+06
7.8925e+06
7.89158e+06
7.88708e+06
7.89128e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

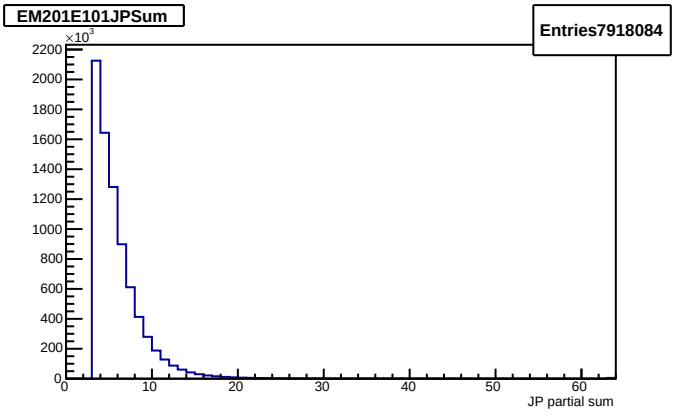

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

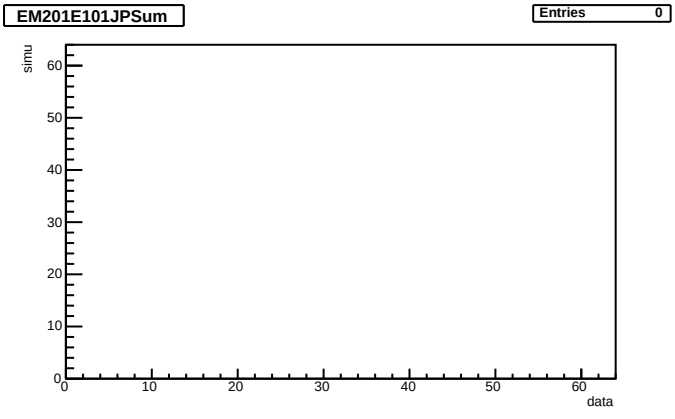

EMC L2 Input - Barrel HT.TP bits
Entries 4.75085e+07
Barrel HT.TP bits
1
0
2.31426e+06
2.18093e+06
2.25495e+06
2.19754e+06
2.28744e+06
2.23021e+06
5.6088e+06
5.73725e+06
5.66104e+06
5.72054e+06
5.63064e+06
5.68789e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

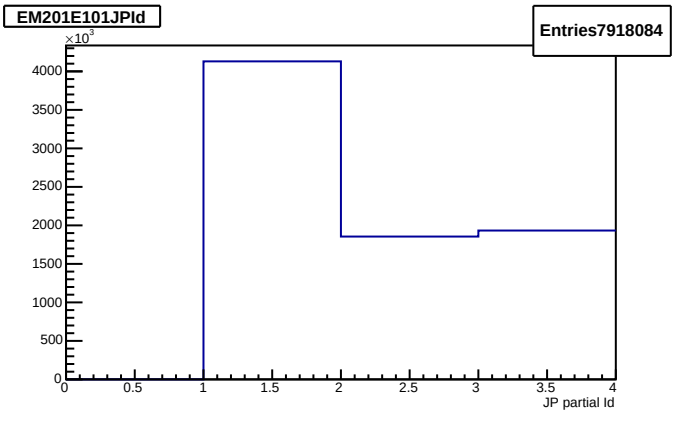

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

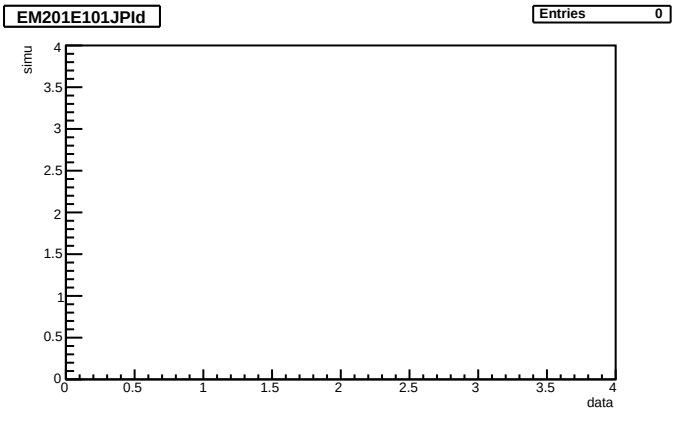

EM201E101JPThBits
Entries7918084
JP th bits

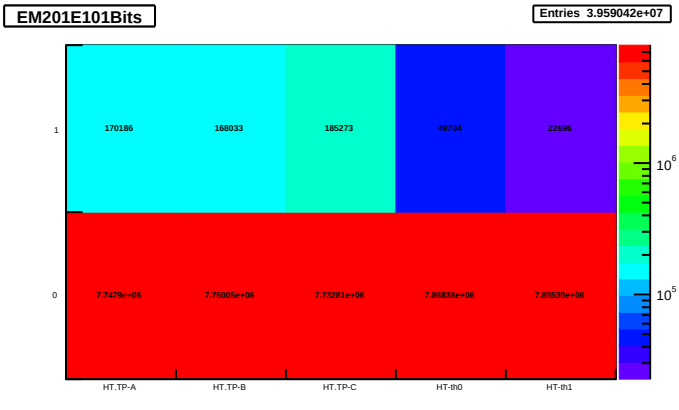

EM201E101JPThBits
Entries 0
simu
data

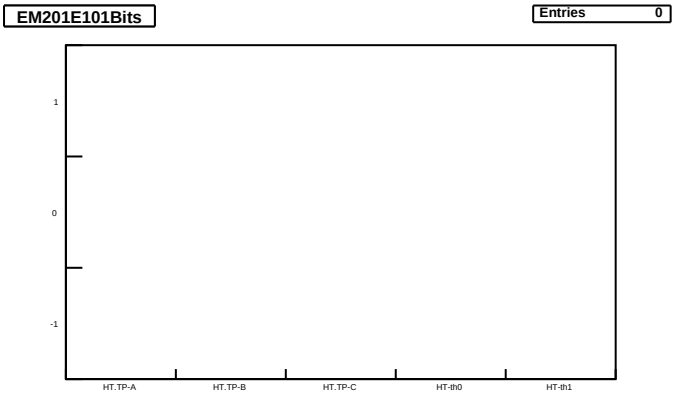

EM201E101JPSum
Entries7918084
JP partial sum

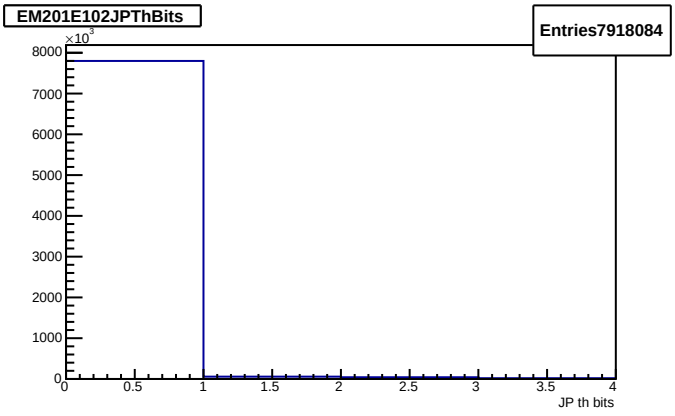

EM201E101JPSum
Entries 0
simu
data

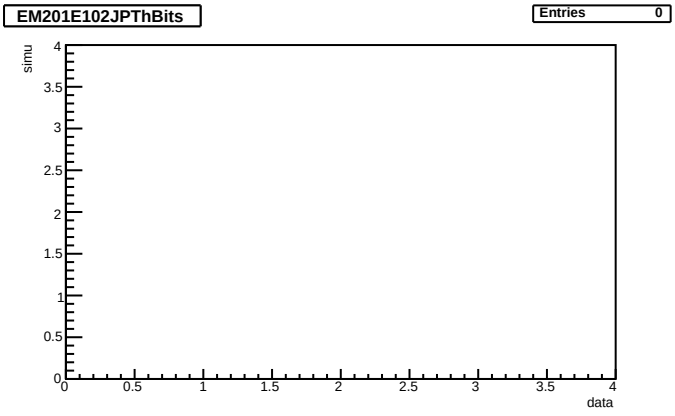

EM201E101JPId
Entries7918084
JP partial Id

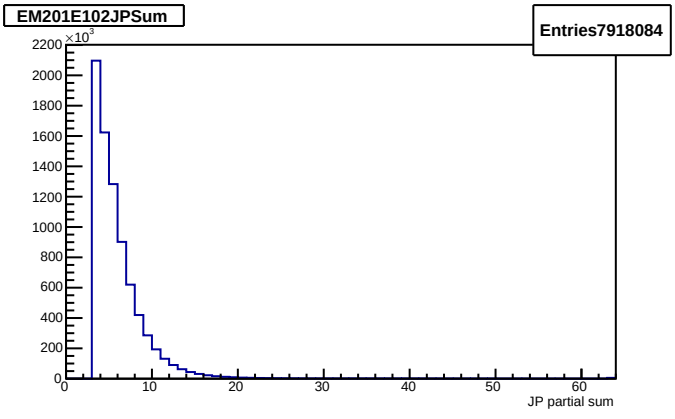

EM201E101JPId
Entries 0
simu
data

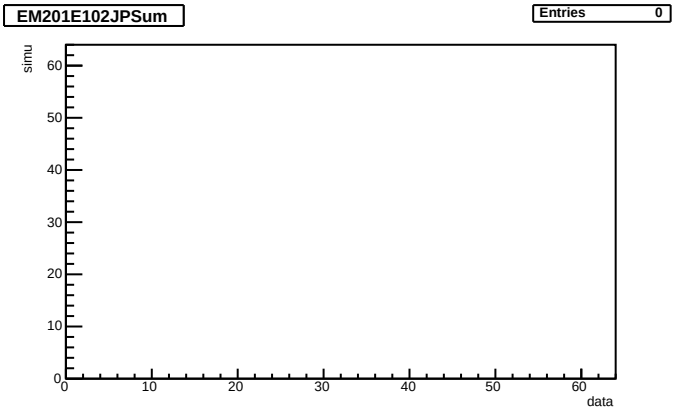

EM201E101Bits
Entries 3.959042e+07
170186
168033
185273
49704
22696
7.7479e+06
7.75005e+06
7.73281e+06
7.86838e+06
7.89539e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

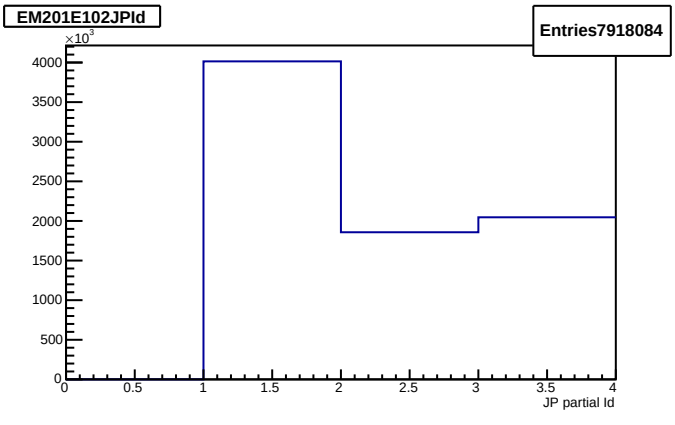

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

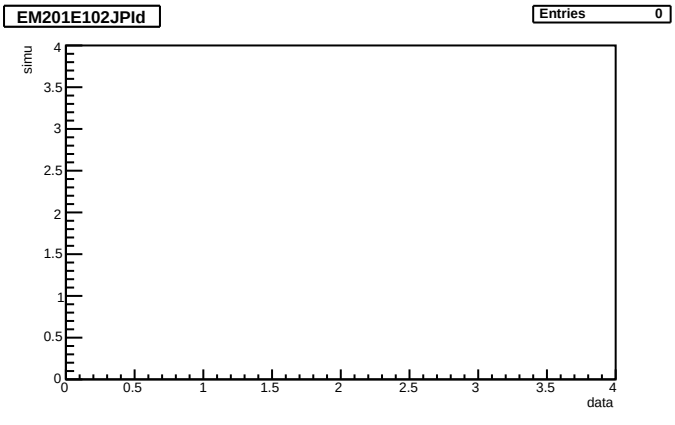

EM201E102JPThBits
Entries7918084
×10^3
JP th bits

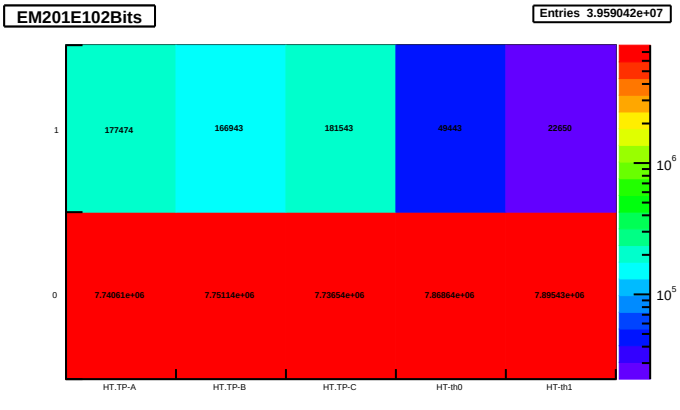

EM201E102JPThBits
Entries 0
simu
data

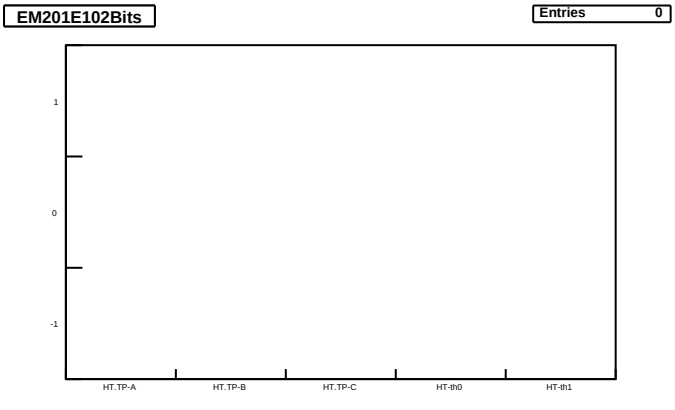

EM201E102JPSum
Entries7918084
×10^3
JP partial sum

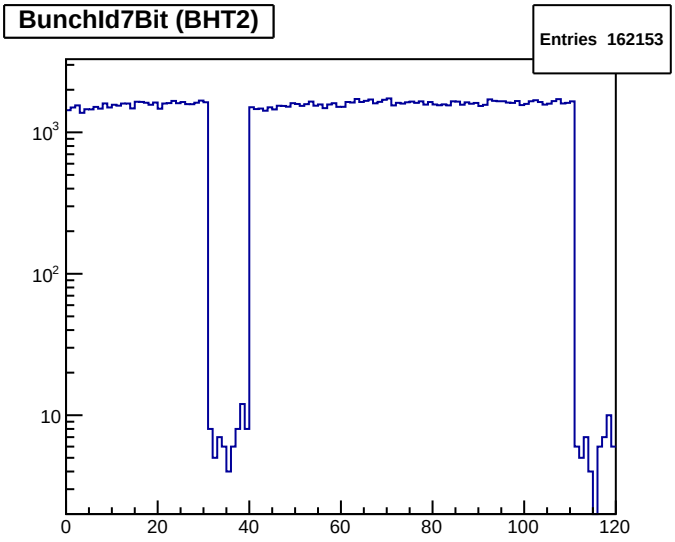

EM201E102JPSum
Entries 0
simu
data

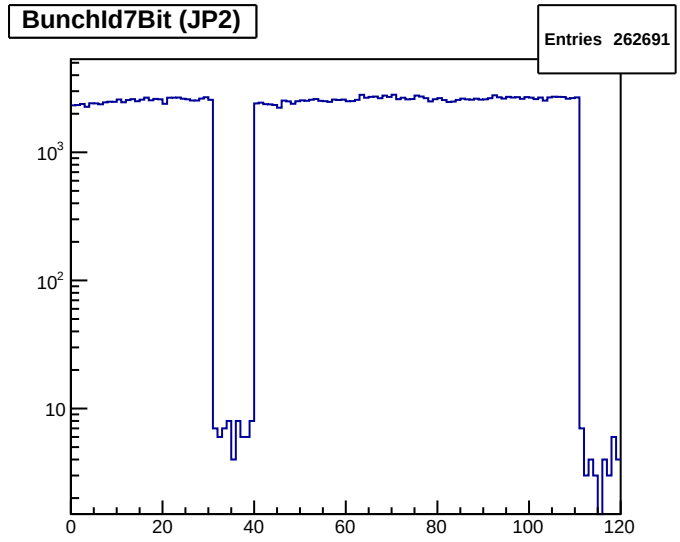

EM201E102JPId
Entries7918084
×10^3
JP partial Id

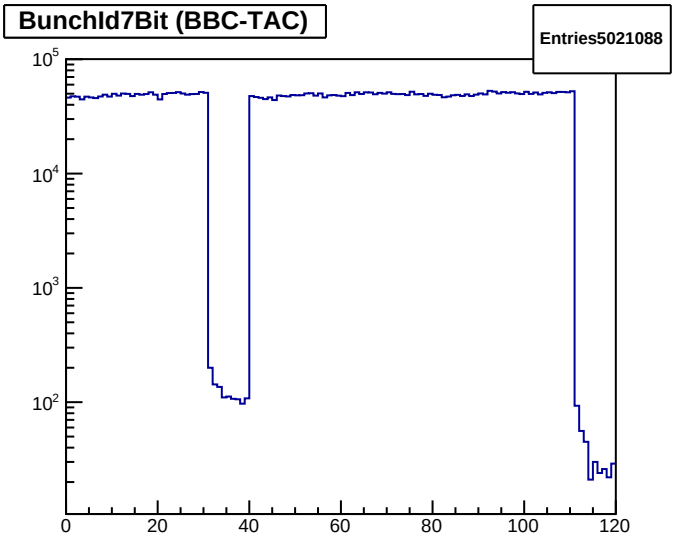

EM201E102JPId
Entries 0
simu
data

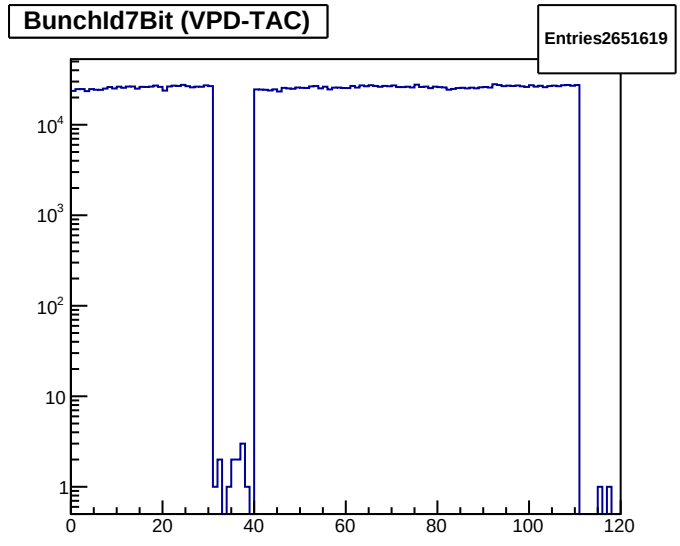

EM201E102Bits
Entries 3.959042e+07
177474
166943
181543
49443
22650
7.74061e+06
7.75114e+06
7.73654e+06
7.86864e+06
7.89543e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

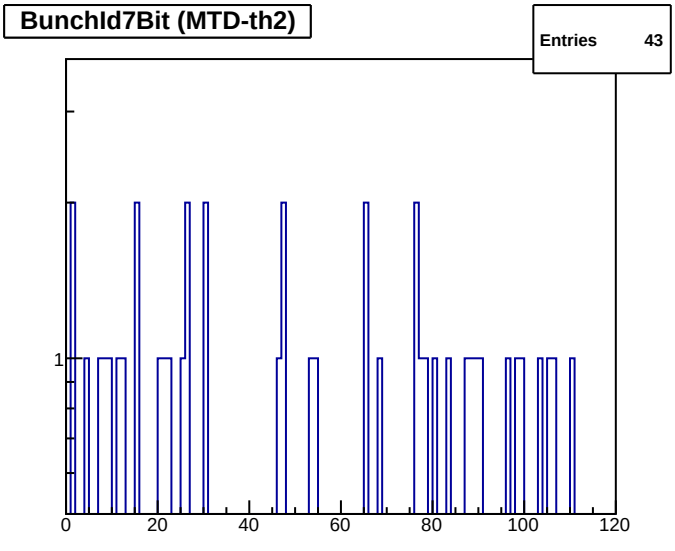

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

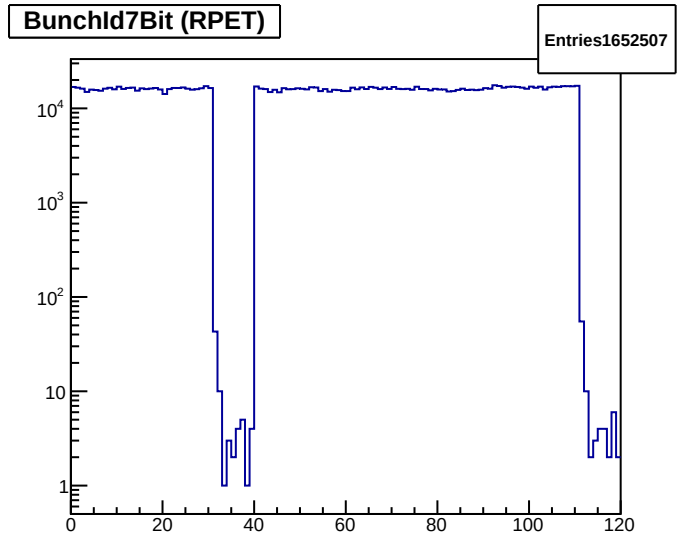

BunchId7Bit (BHT2)
Entries 162153
10^3
10^2
10
0
20
40
60
80
100
120

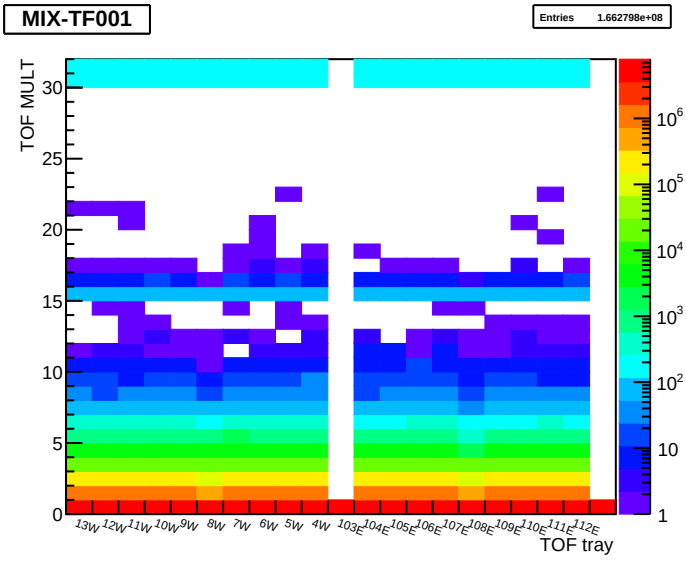

BunchId7Bit (JP2)
Entries 262691
10^3
10^2
10
0
20
40
60
80
100
120

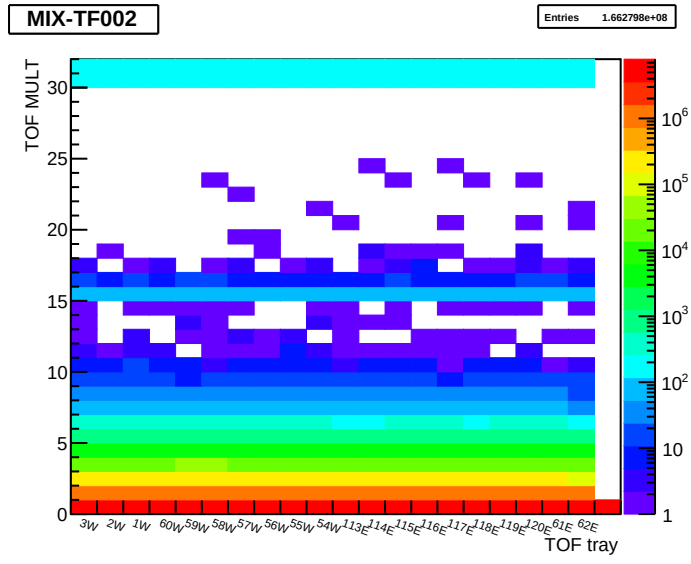

BunchId7Bit (BBC-TAC)
Entries5021088
10^5
10^4
10^3
10^2
0
20
40
60
80
100
120

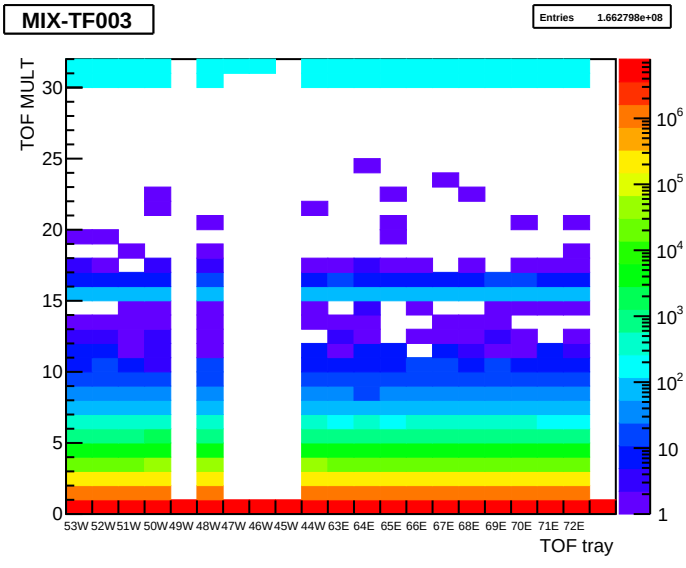

BunchId7Bit (VPD-TAC)
Entries2651619
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

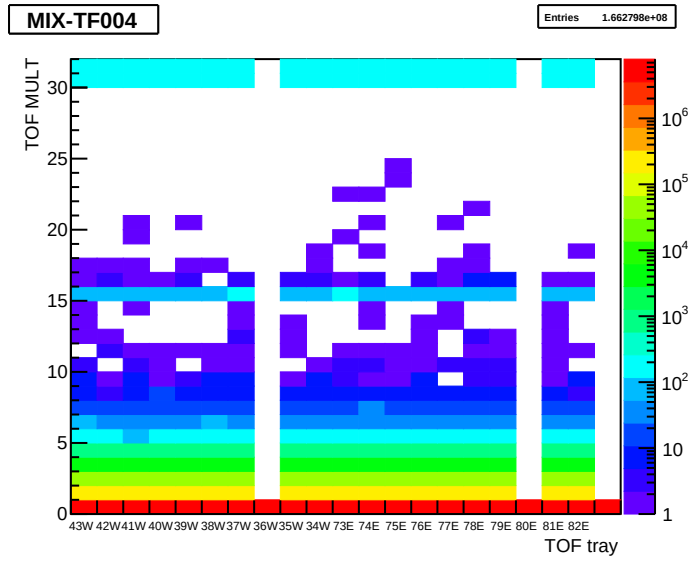

BunchId7Bit (MTD-th2)
Entries 43
1
0
20
40
60
80
100
120

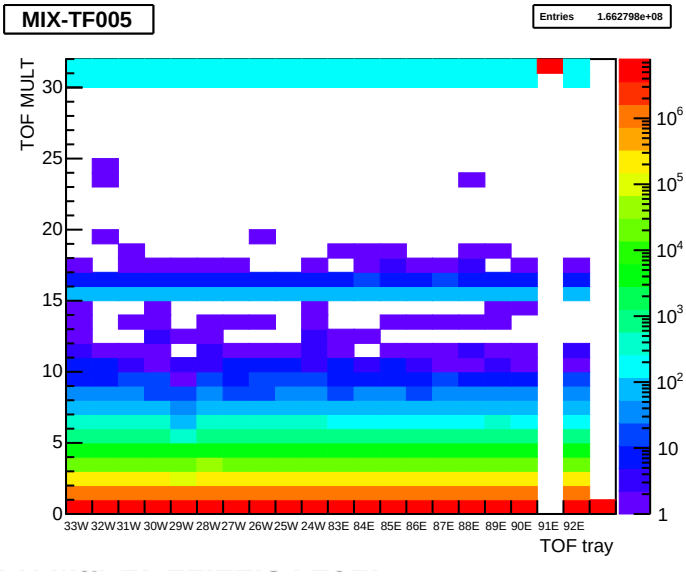

BunchId7Bit (RPET)
Entries1652507
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

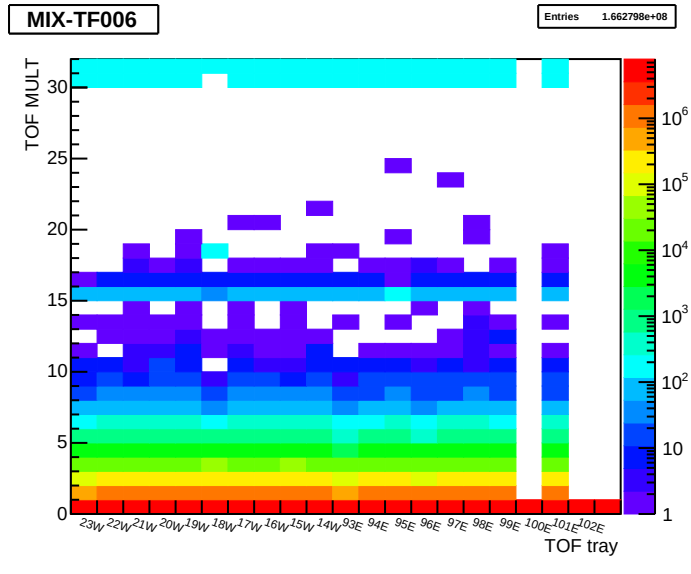

MIX-TF001
Entries 1.662798e+08
TOF MULT
TOF tray

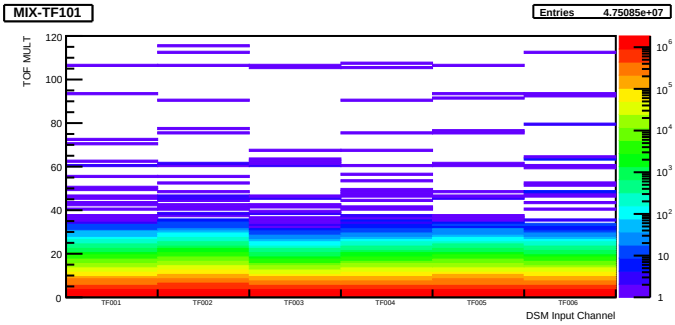

MIX-TF002
Entries 1.662798e+08
TOF MULT
TOF tray

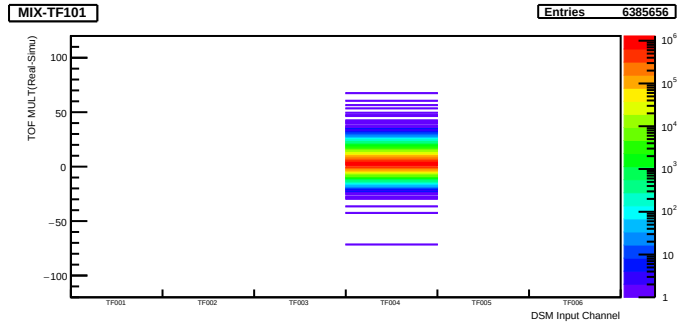

MIX-TF003
Entries 1.662798e+08
TOF MULT
TOF tray

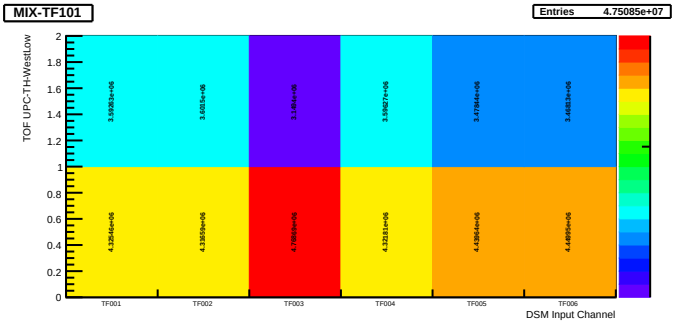

MIX-TF004
Entries 1.662798e+08
TOF MULT
TOF tray

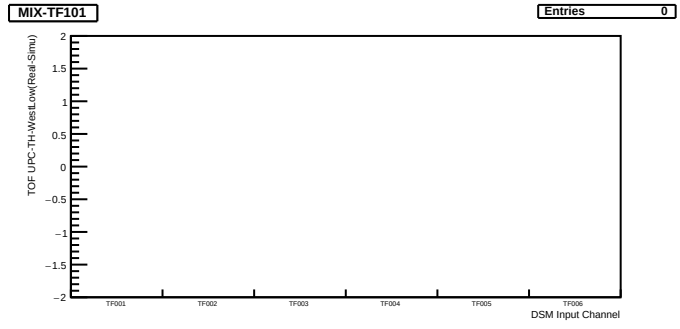

MIX-TF005
Entries 1.662798e+08
TOF MULT
TOF tray

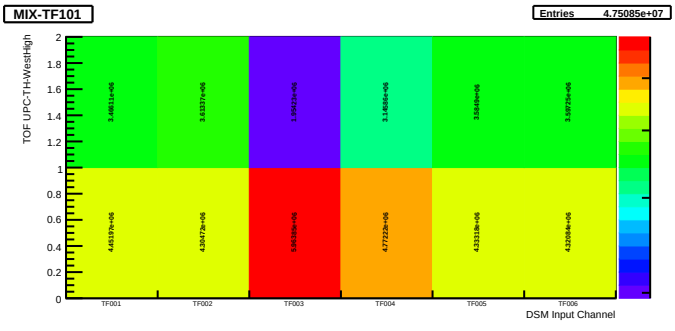

MIX-TF006
Entries 1.662798e+08
TOF MULT
TOF tray

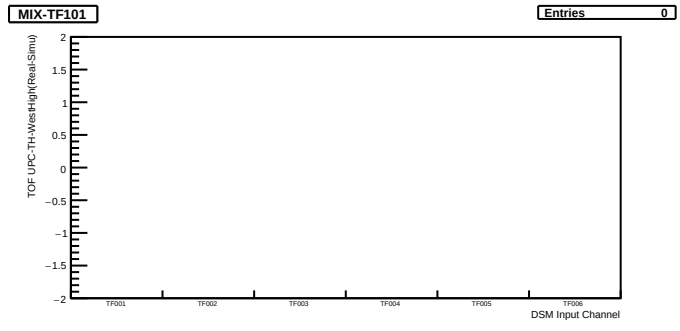

MIX-TF101
Entries 4.75085e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

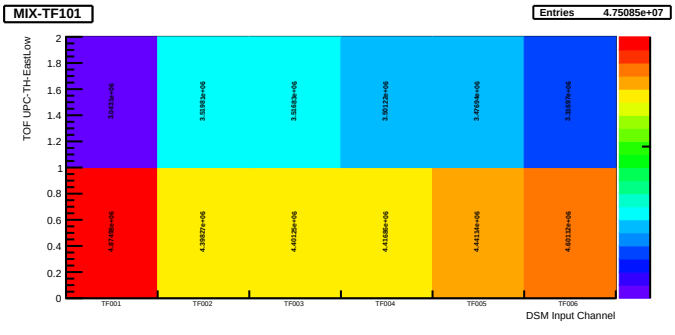

MIX-TF101
Entries 6385656
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

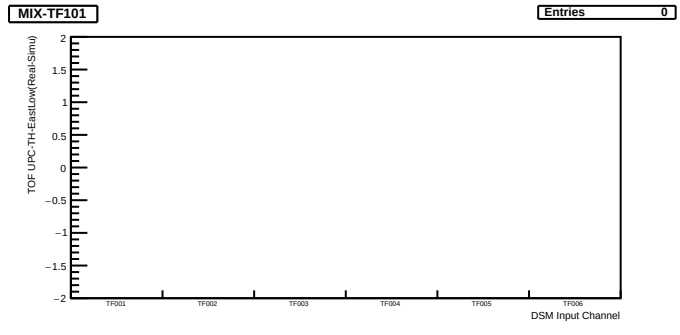

MIX-TF101
Entries 4.75085e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

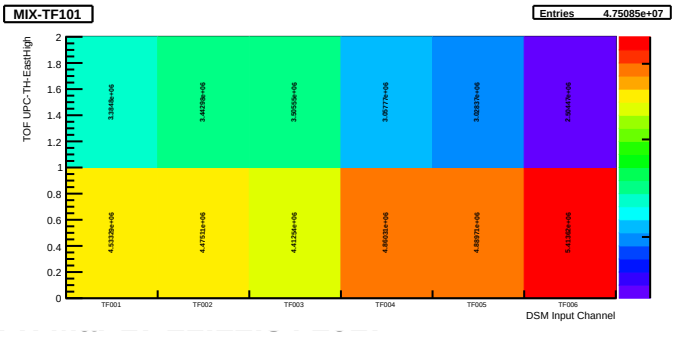

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

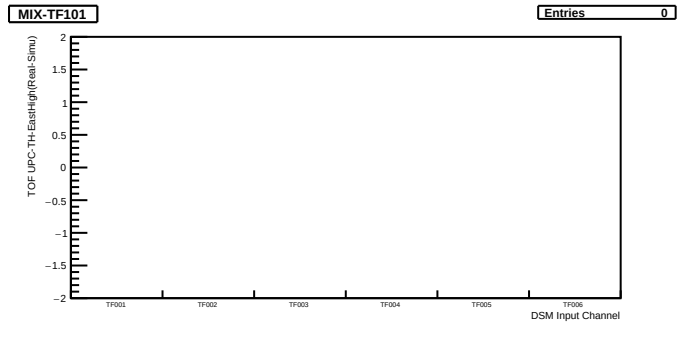

MIX-TF101
Entries 4.75085e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

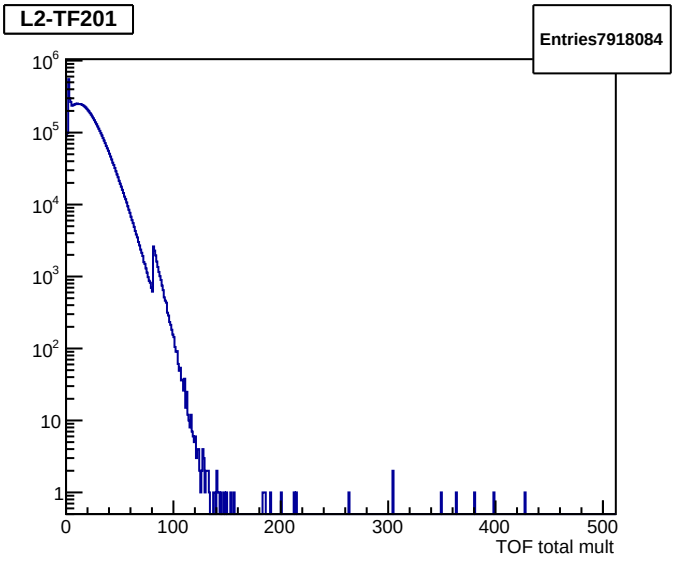

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

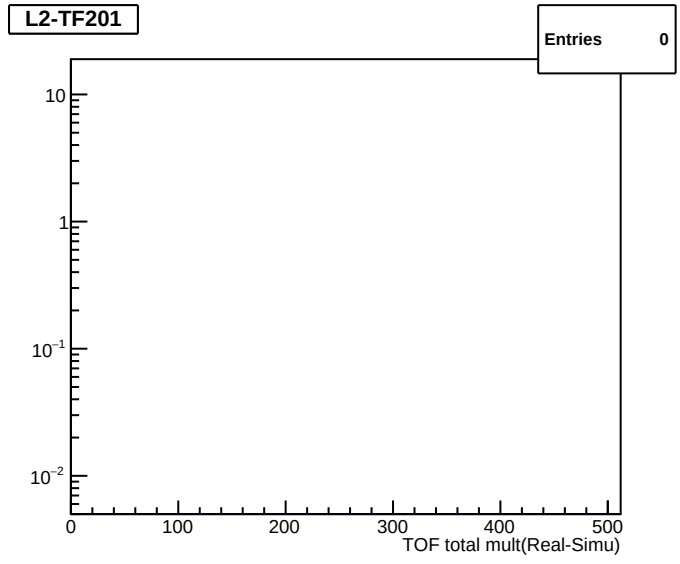

MIX-TF101
Entries 4.75085e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

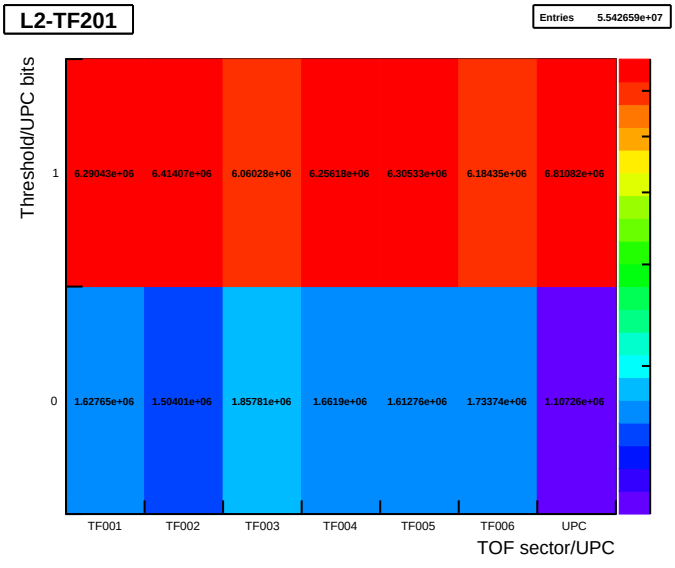

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

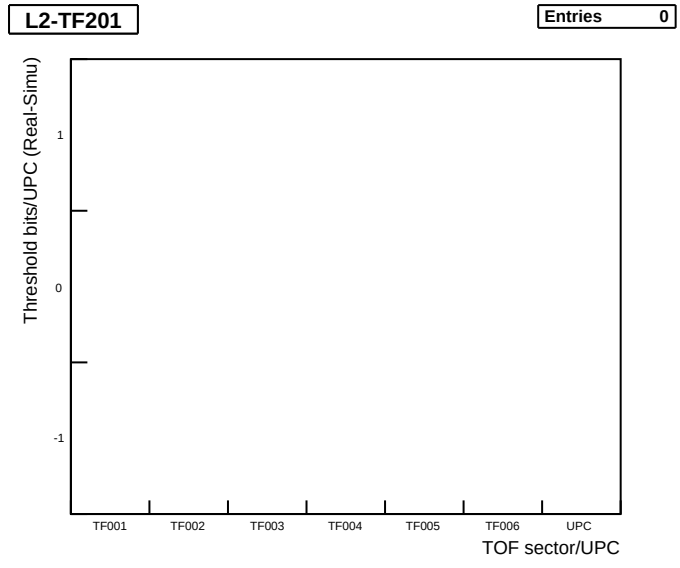

MIX-TF101
Entries 4.75085e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

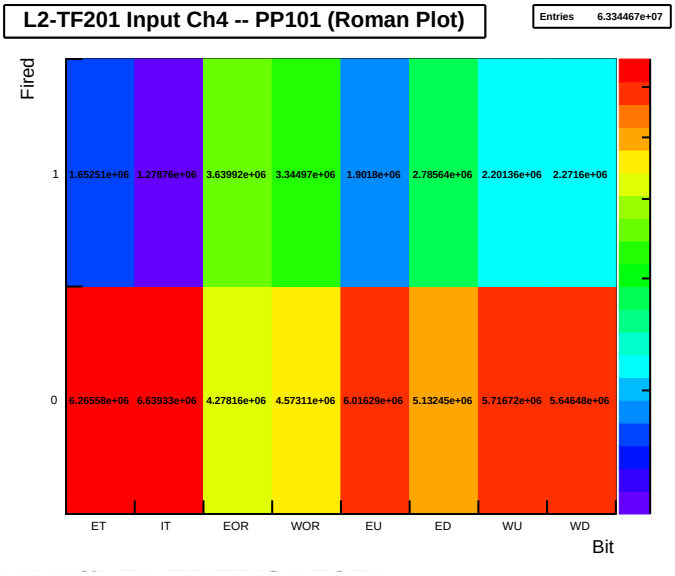

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

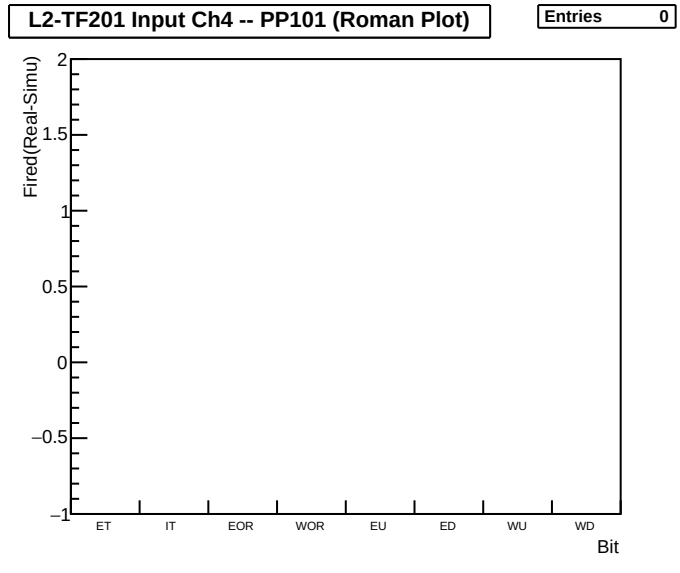

L2-TF201
Entries7918084
TOF total mult

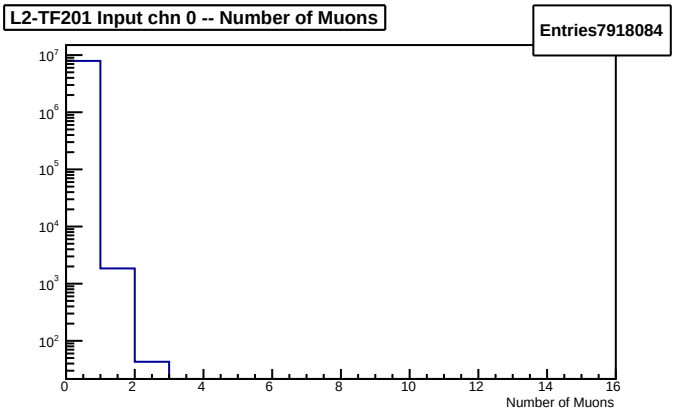

L2-TF201
Entries 0
TOF total mult(Real-Simu)

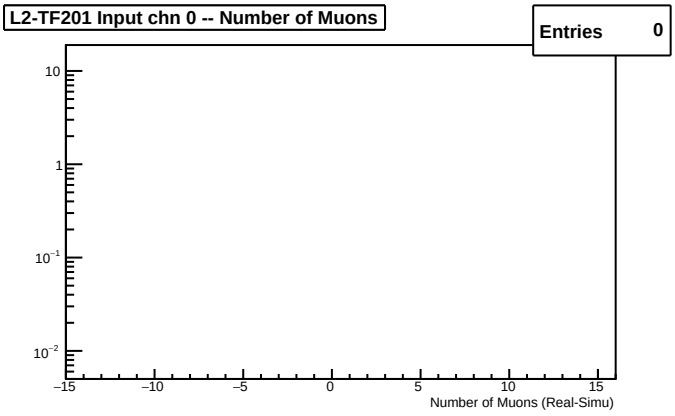

L2-TF201
Entries 5.542659e+07
Threshold/UPC bits
6.29043e+06
6.41407e+06
6.06028e+06
6.25618e+06
6.30533e+06
6.18435e+06
6.81082e+06
1.62765e+06
1.50401e+06
1.85781e+06
1.6619e+06
1.61276e+06
1.73374e+06
1.10726e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

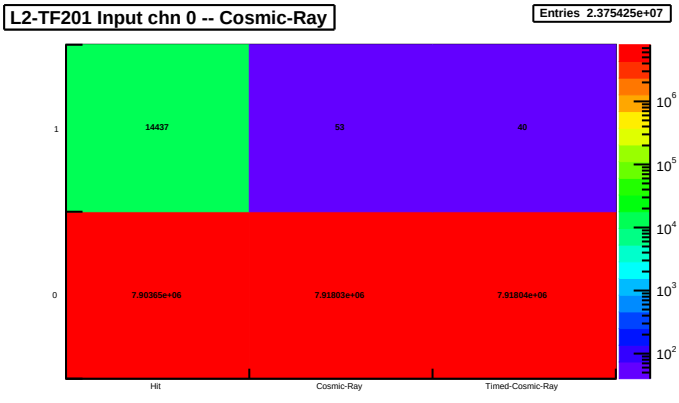

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

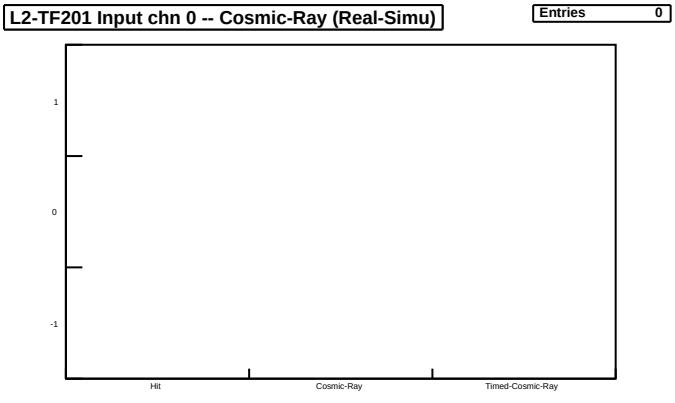

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 6.334467e+07
Fired
1.65251e+06
1.27876e+06
3.63992e+06
3.34497e+06
1.9018e+06
2.78564e+06
2.20136e+06
2.2716e+06
6.26558e+06
6.63933e+06
4.27816e+06
4.57311e+06
6.01629e+06
5.13245e+06
5.71672e+06
5.64648e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

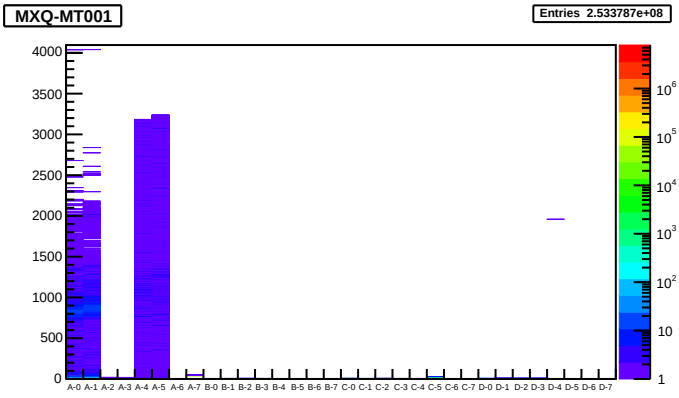

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

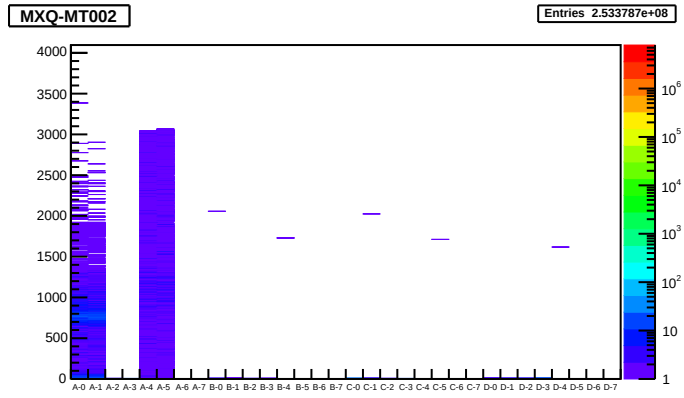

L2-TF201 Input chn 0 -- Number of Muons
Entries7918084
Number of Muons

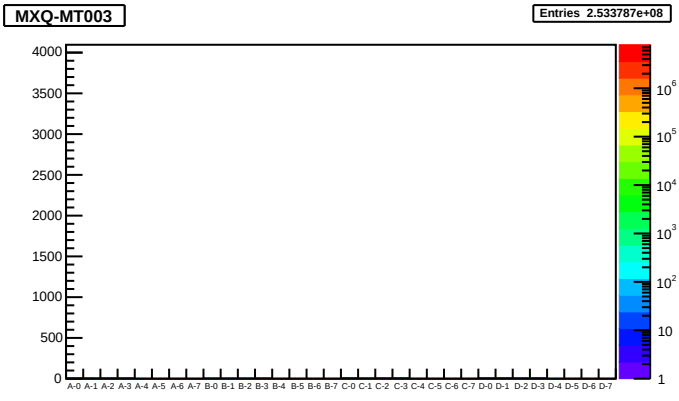

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

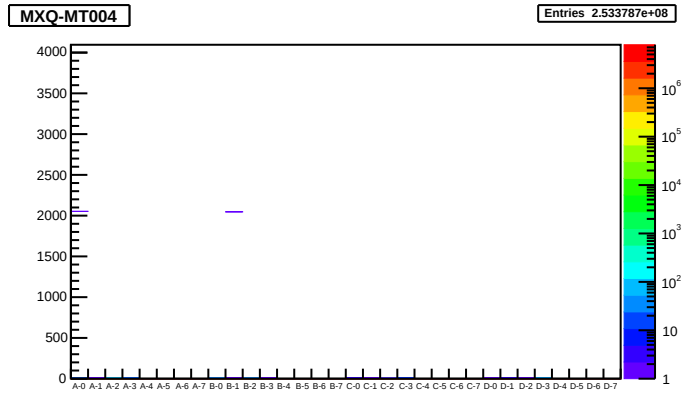

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.375425e+07
14437
53
40
7.90365e+06
7.91803e+06
7.91804e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

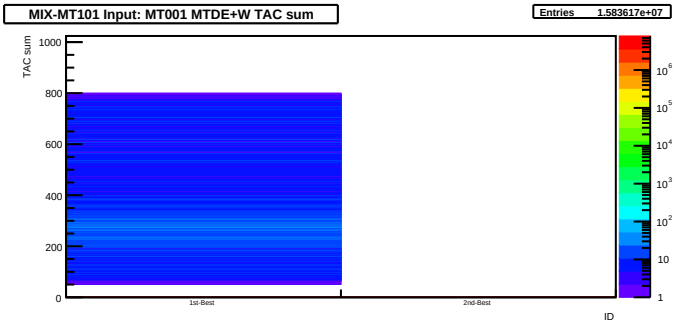

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

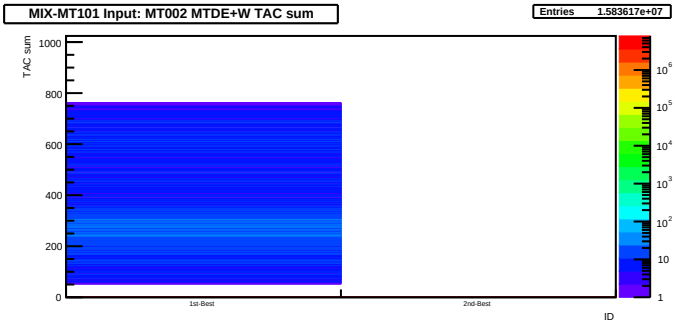

MXQ-MT001
Entries 2.533787e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

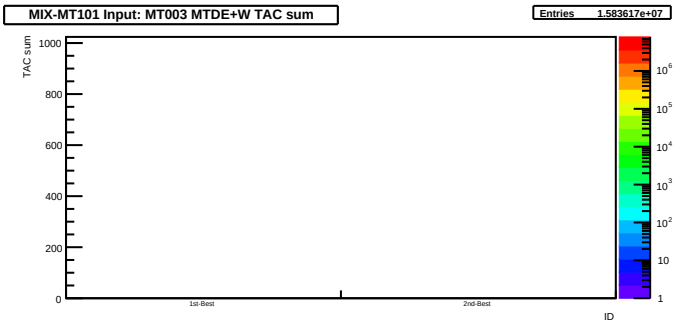

MXQ-MT002
Entries 2.533787e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

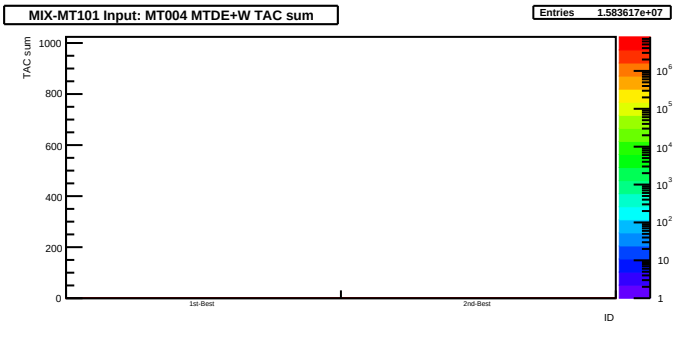

MXQ-MT003
Entries 2.533787e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

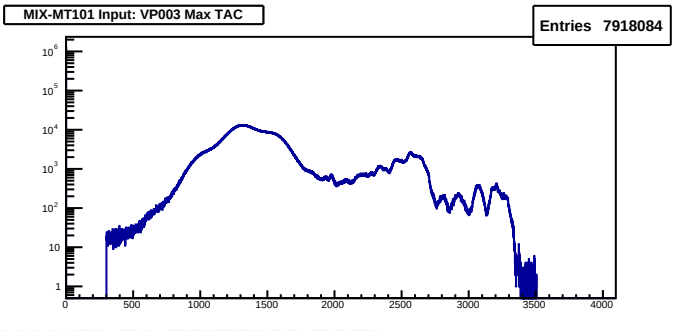

MXQ-MT004
Entries 2.533787e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

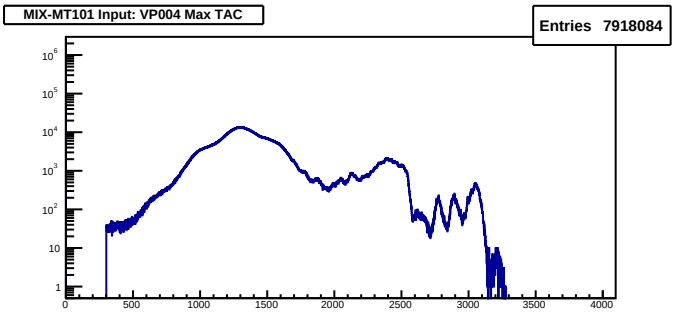

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.583617e+07
TAC sum
1st-Best
2nd-Best
ID

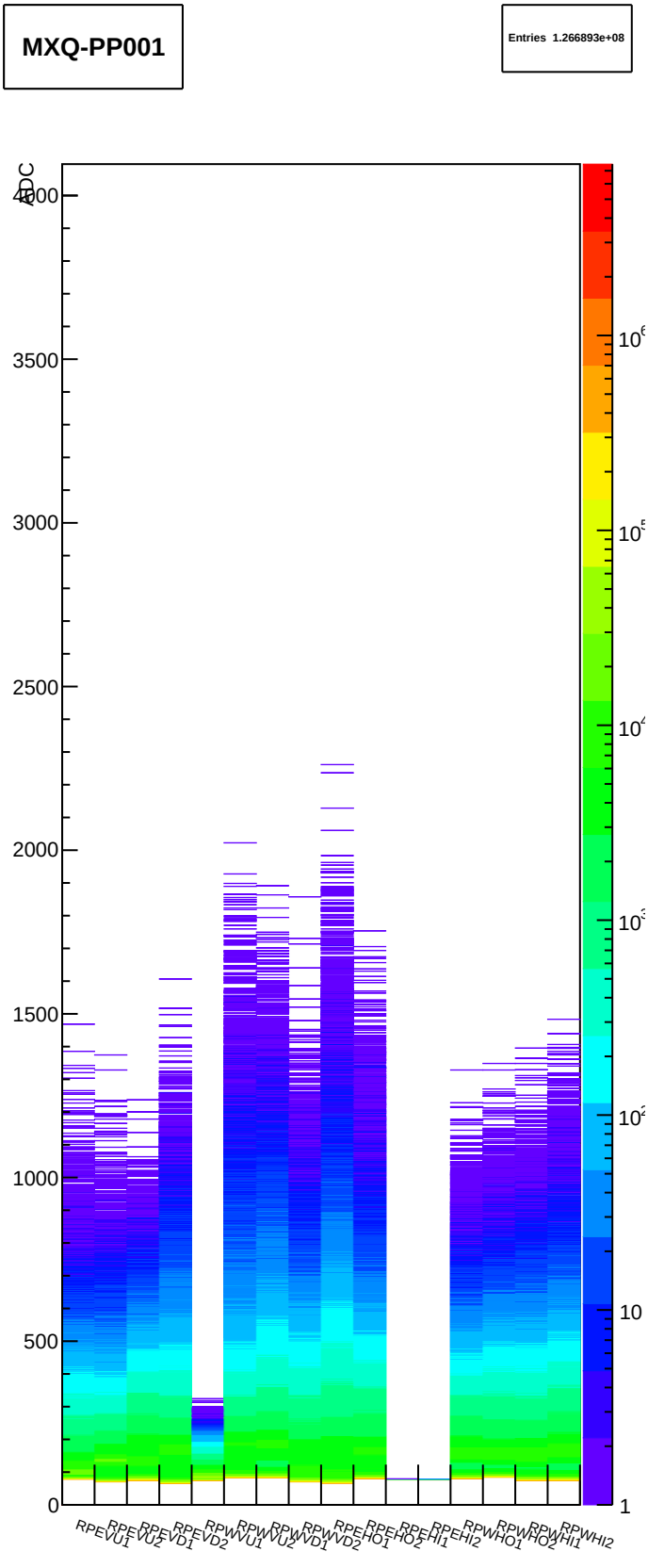

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.583617e+07
TAC sum
1st-Best
2nd-Best
ID

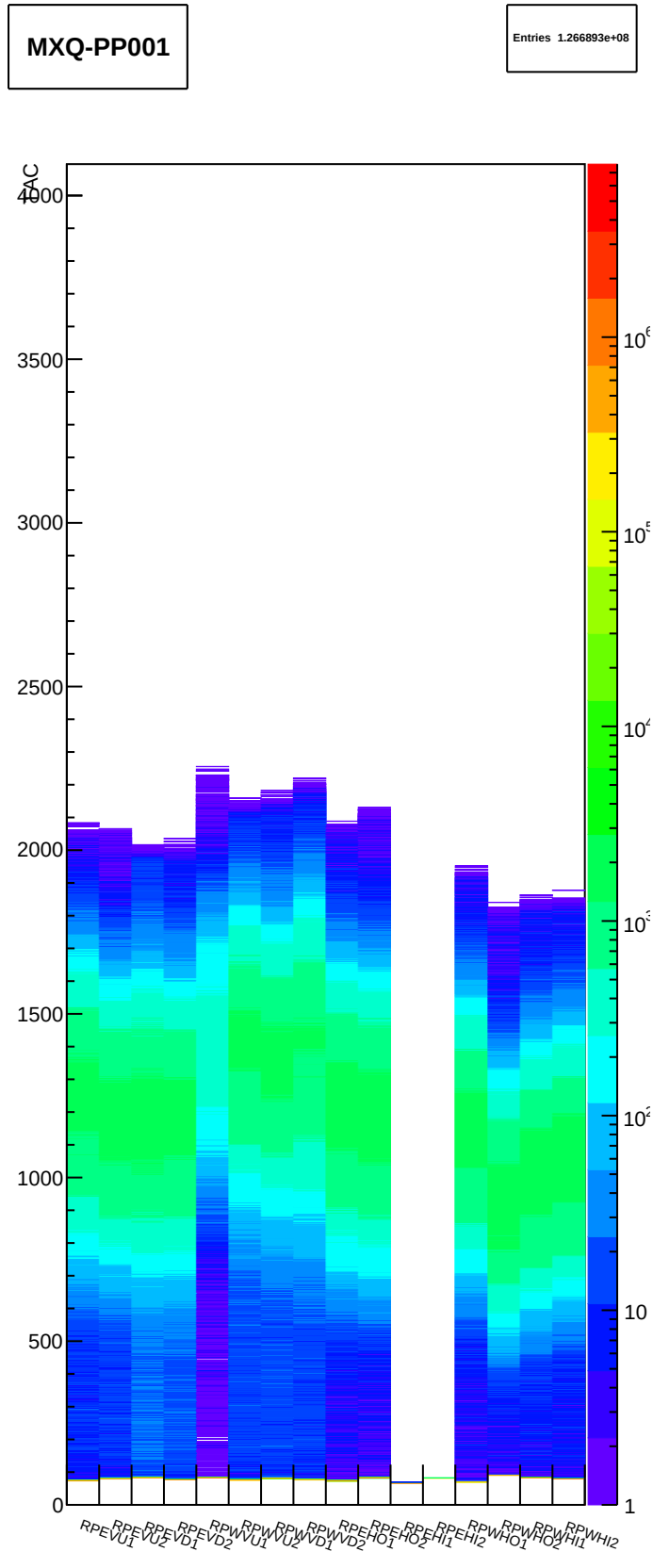

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.583617e+07
TAC sum
1st-Best
2nd-Best
ID

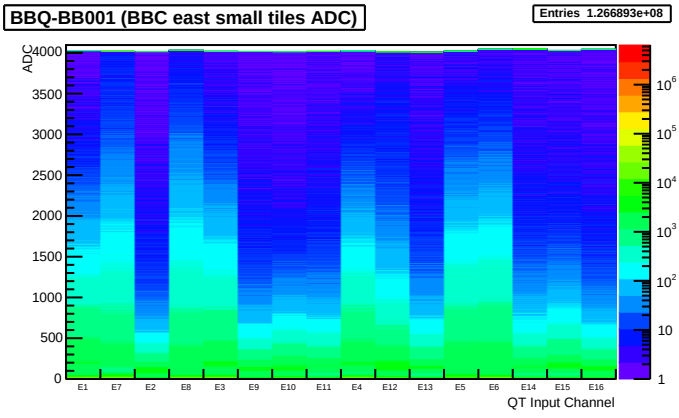

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.583617e+07
TAC sum
1st-Best
2nd-Best
ID

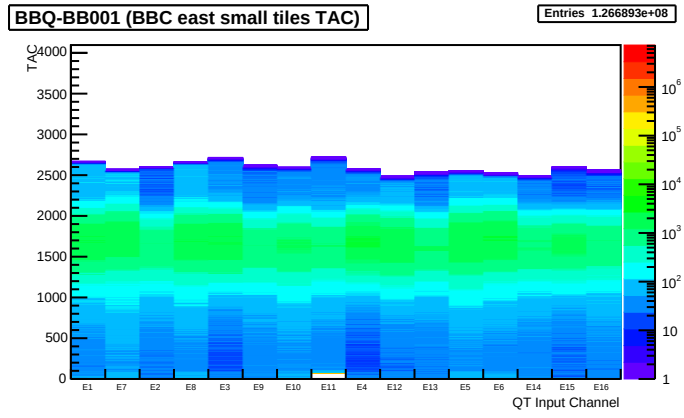

MIX-MT101 Input: VP003 Max TAC
Entries 7918084

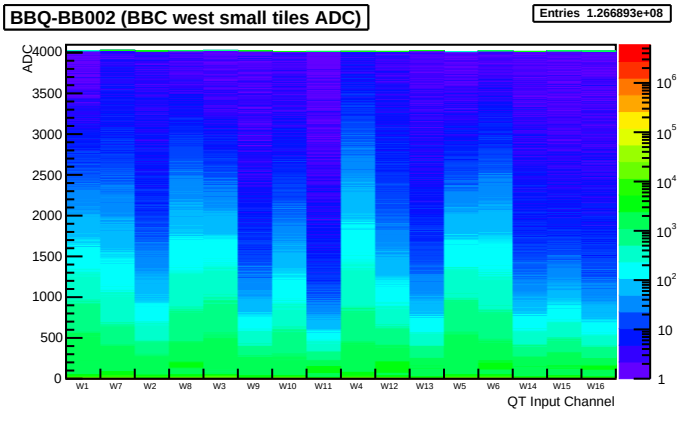

MIX-MT101 Input: VP004 Max TAC
Entries 7918084

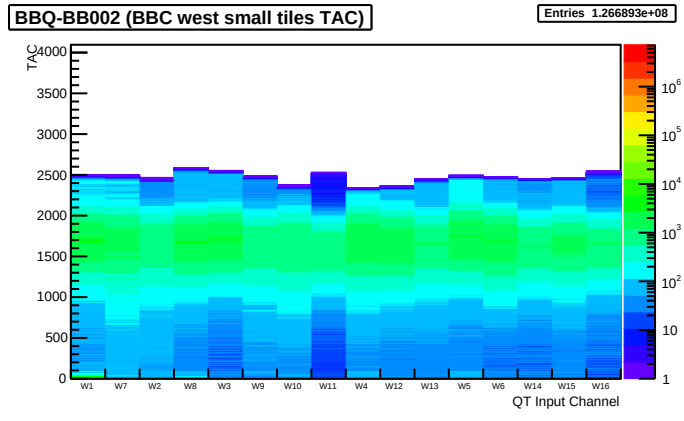

MXQ-PP001
Entries 1.266893e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

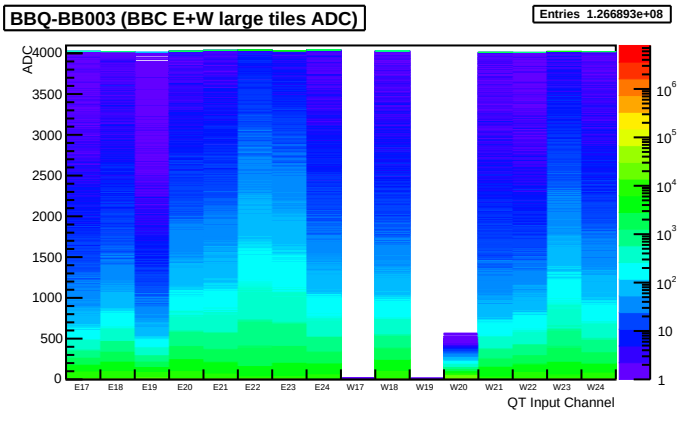

MXQ-PP001
Entries 1.266893e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

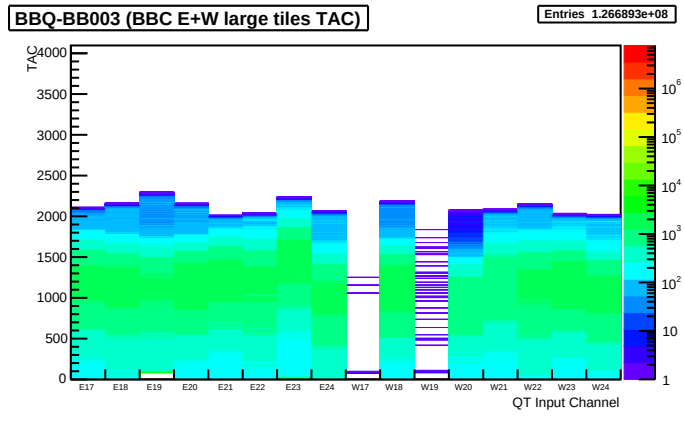

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.266893e+08
ADC
QT Input Channel

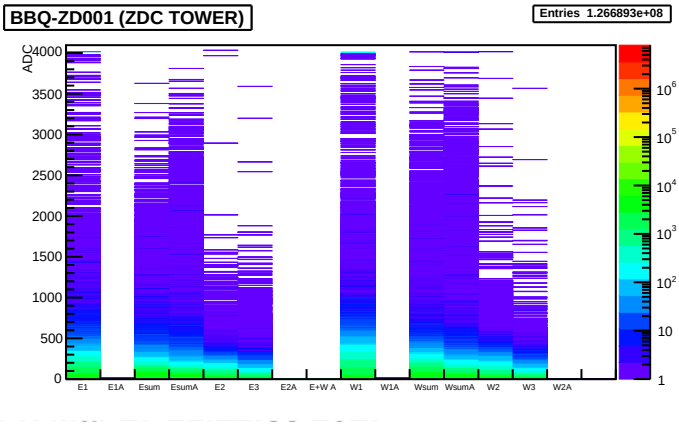

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.266893e+08
TAC
QT Input Channel

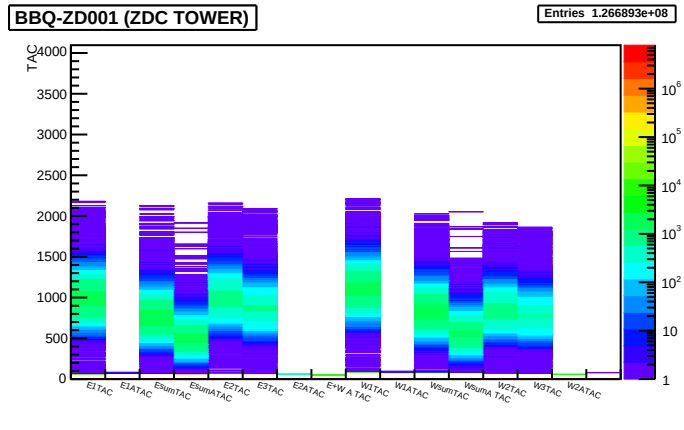

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.266893e+08
ADC
QT Input Channel

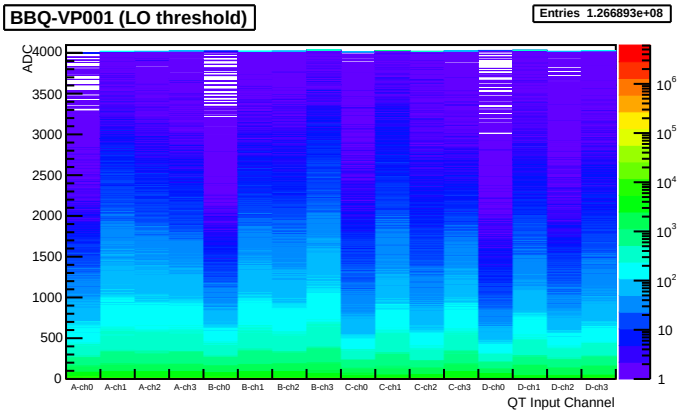

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.266893e+08
TAC
QT Input Channel

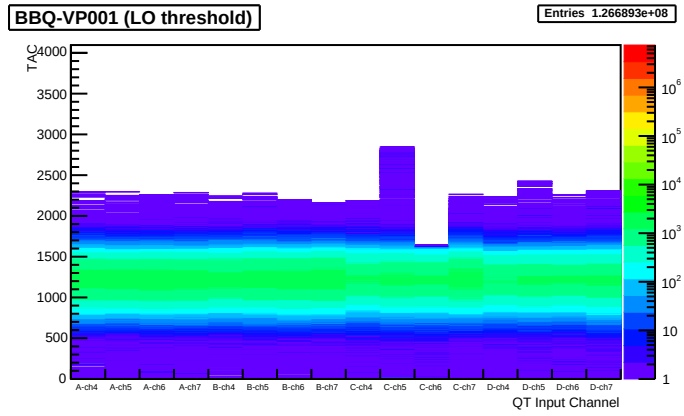

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.266893e+08
ADC
QT Input Channel

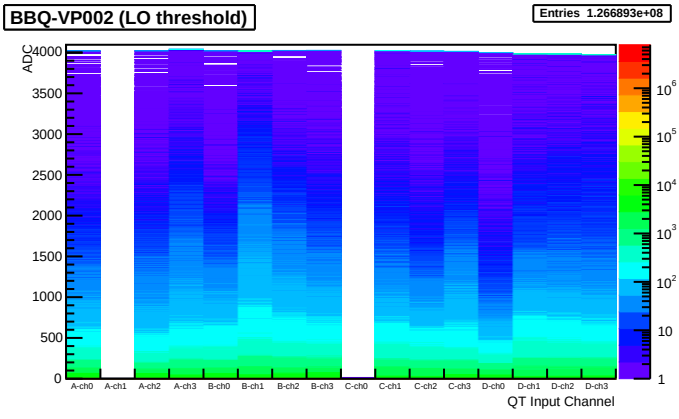

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.266893e+08
TAC
QT Input Channel

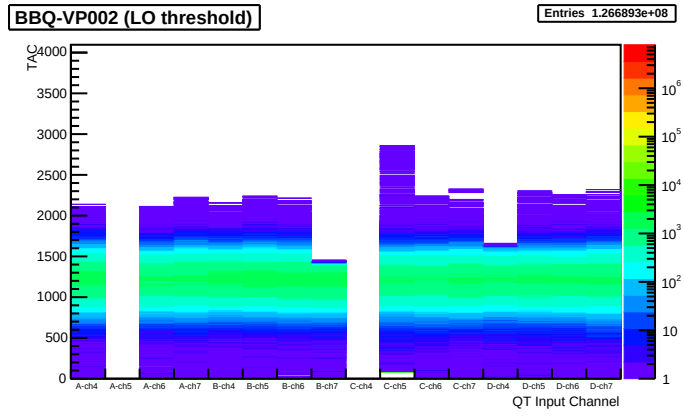

BBQ-ZD001 (ZDC TOWER)
Entries 1.266893e+08
ADC

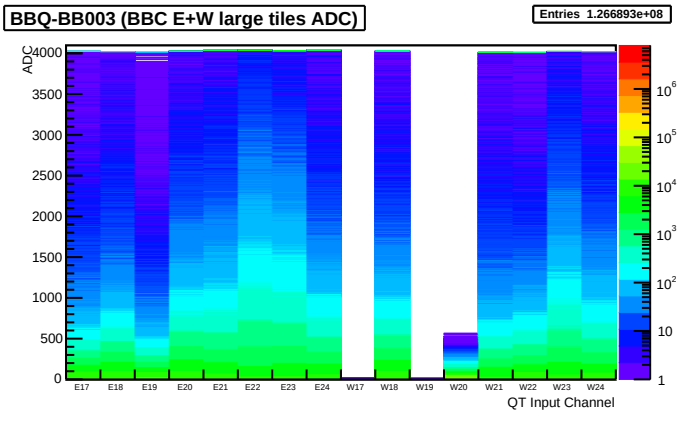

BBQ-ZD001 (ZDC TOWER)
Entries 1.266893e+08
TAC

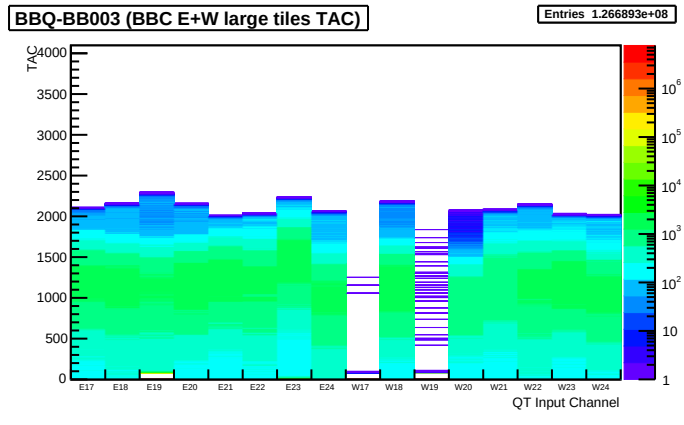

BBQ-VP001 (LO threshold)
Entries 1.266893e+08
ADC
QT Input Channel

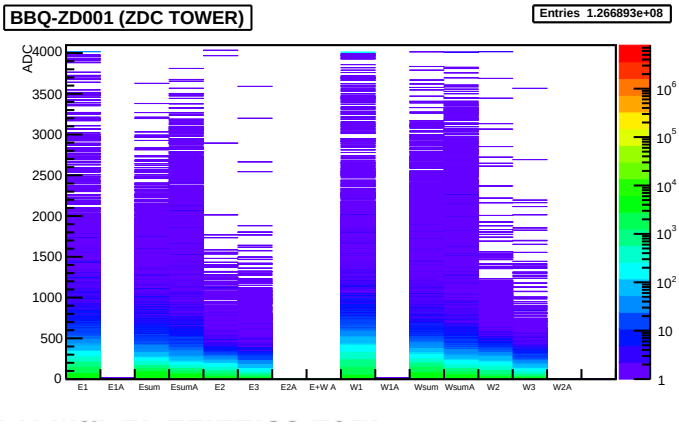

BBQ-VP001 (LO threshold)
Entries 1.266893e+08
TAC
QT Input Channel

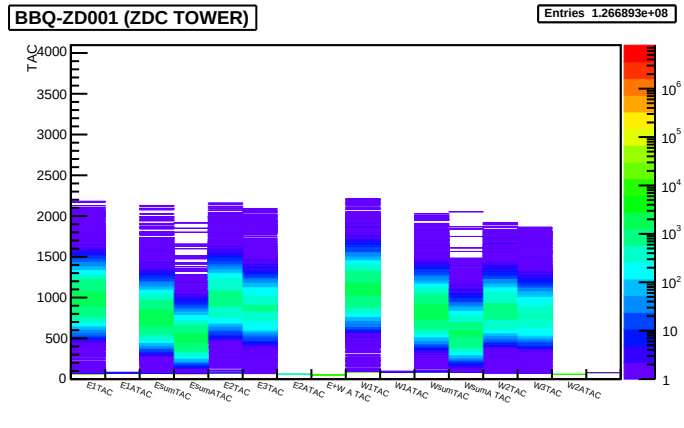

BBQ-VP002 (LO threshold)
Entries 1.266893e+08
ADC
QT Input Channel

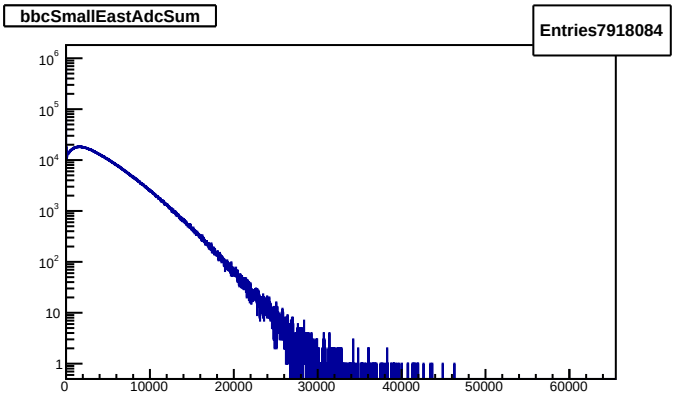

BBQ-VP002 (LO threshold)
Entries 1.266893e+08
TAC
QT Input Channel

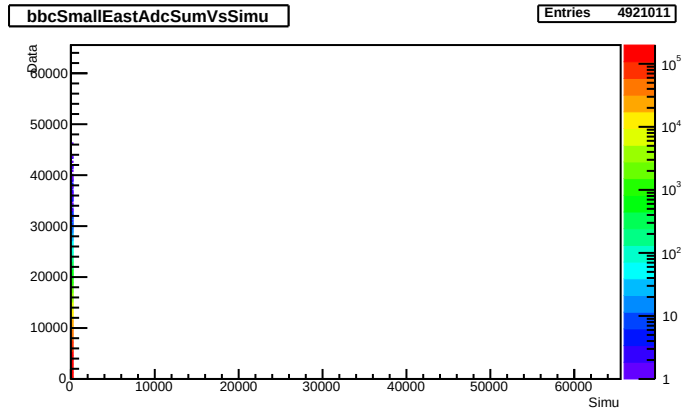

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.266893e+08
ADC
QT Input Channel

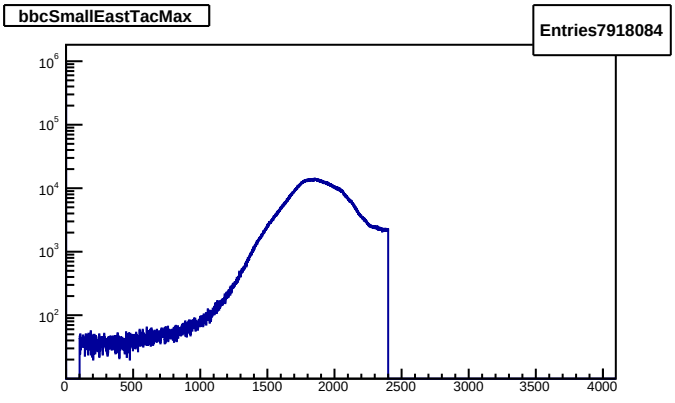

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.266893e+08
TAC
QT Input Channel

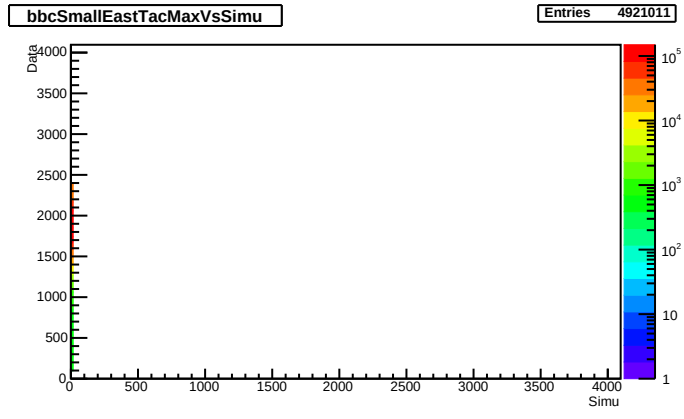

BBQ-ZD001 (ZDC TOWER)
Entries 1.266893e+08
ADC

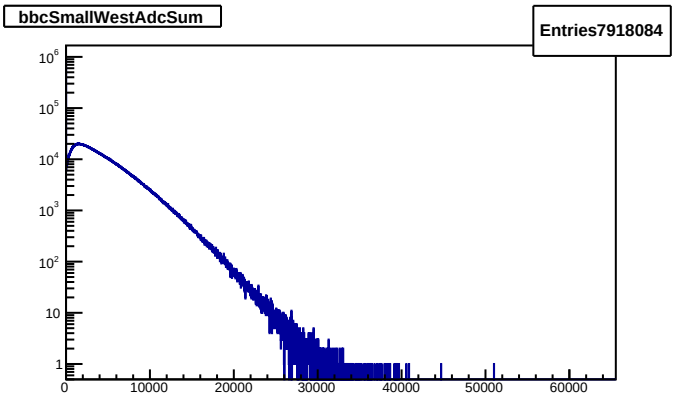

BBQ-ZD001 (ZDC TOWER)
Entries 1.266893e+08
TAC

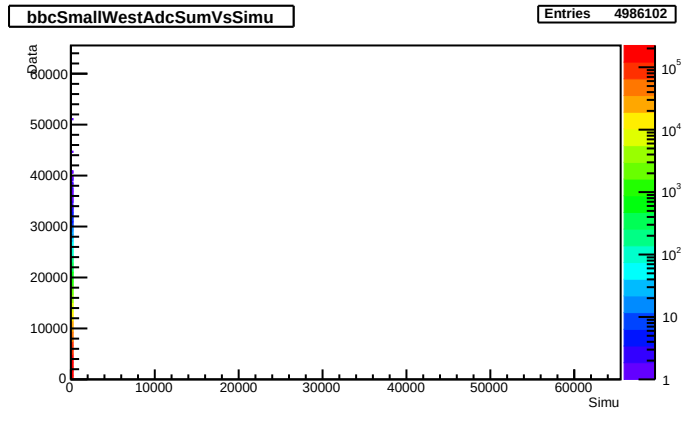

bbcSmallEastAdcSum
Entries7918084

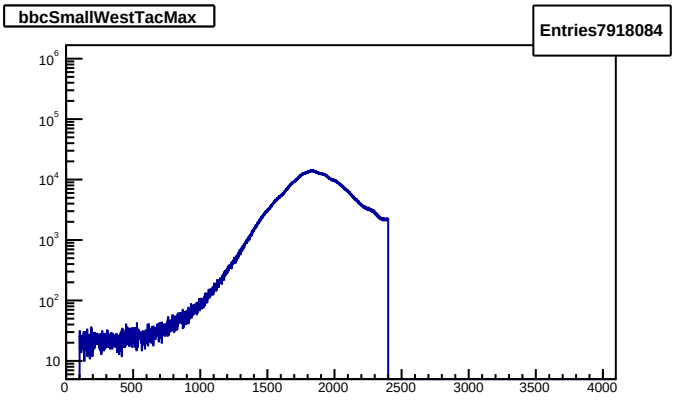

bbcSmallEastAdcSumVsSimu
Entries 4921011
Data
Simu

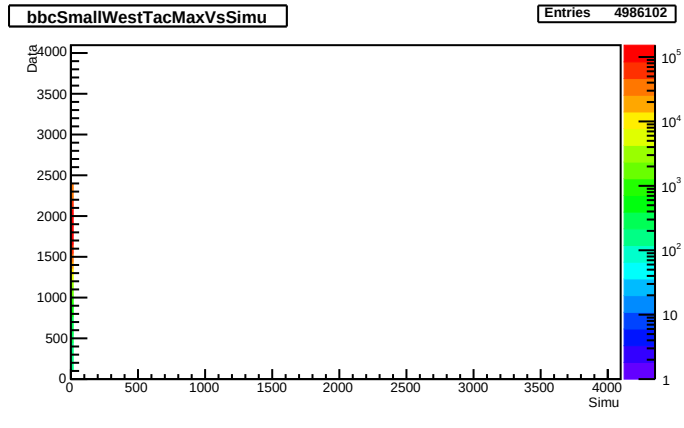

bbcSmallEastTacMax
Entries7918084

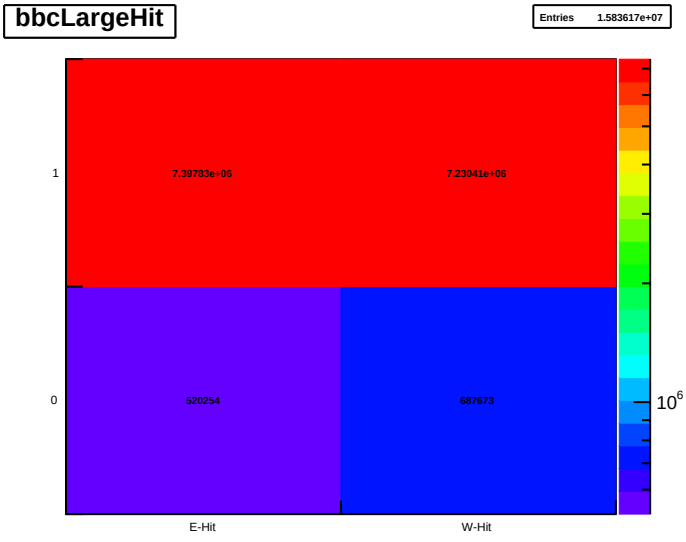

bbcSmallEastTacMaxVsSimu
Entries 4921011
Data
Simu

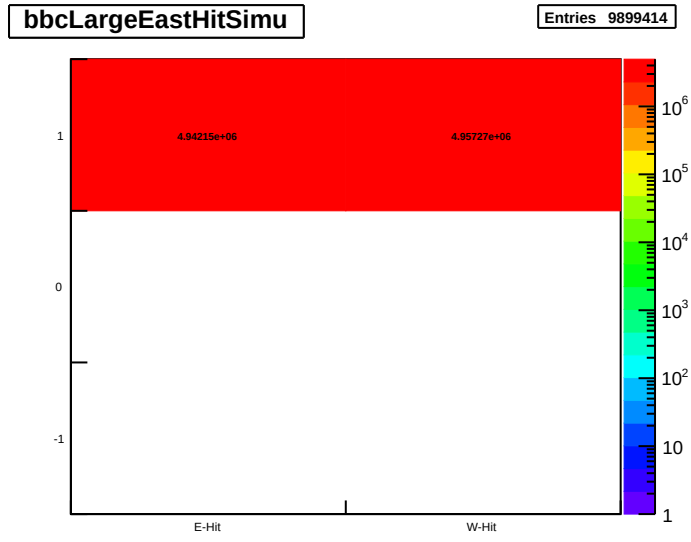

bbcSmallWestAdcSum
Entries7918084

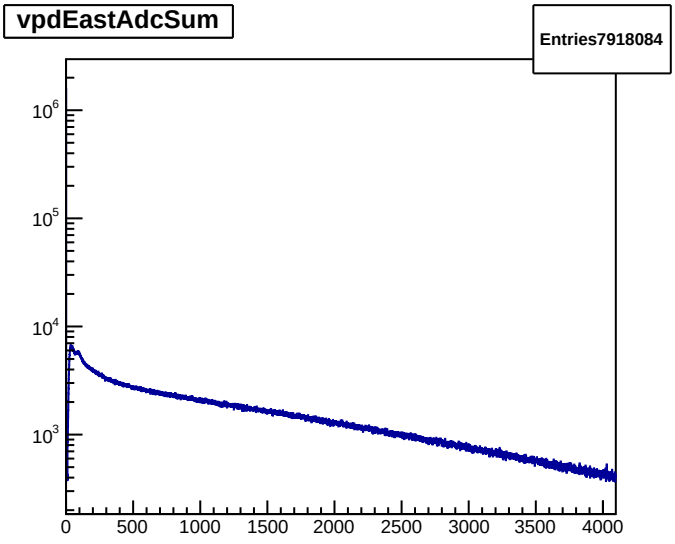

bbcSmallWestAdcSumVsSimu
Entries 4986102
Data
Simu

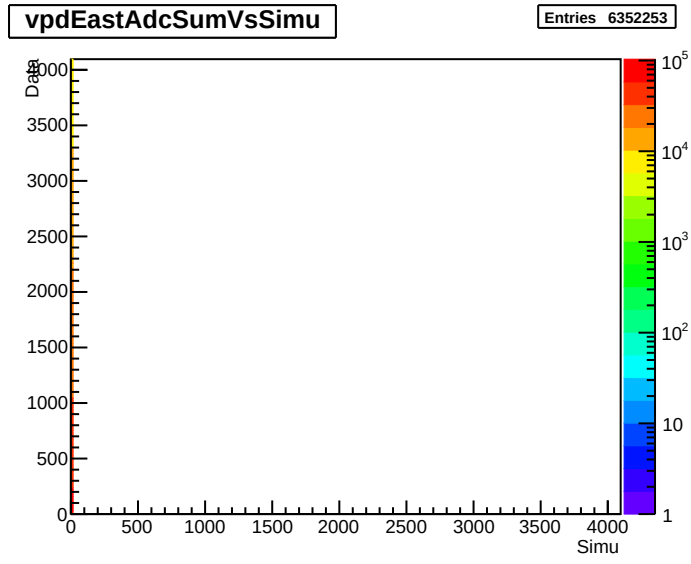

bbcSmallWestTacMax
Entries7918084

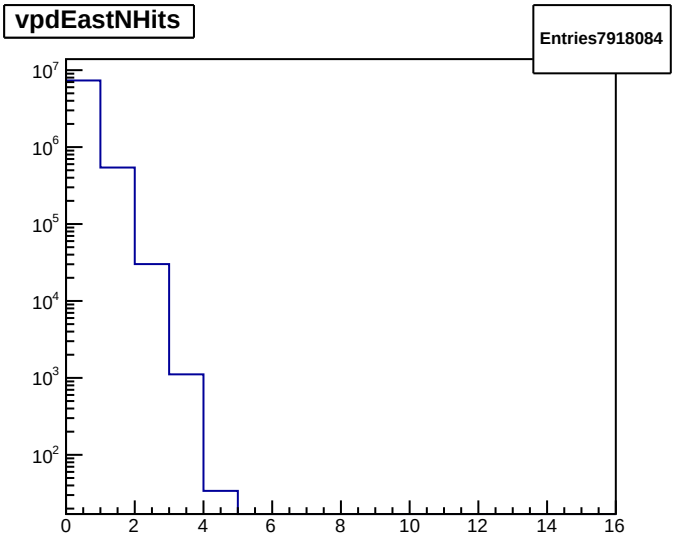

bbcSmallWestTacMaxVsSimu
Entries 4986102
Data
Simu

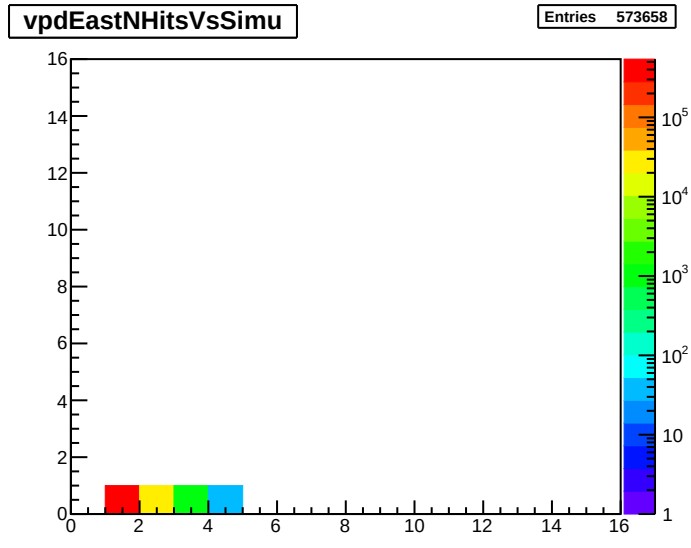

bbcLargeHit
Entries 1.583617e+07
7.39783e+06
7.23041e+06
520254
687673
1
0
E-Hit
W-Hit
10^6

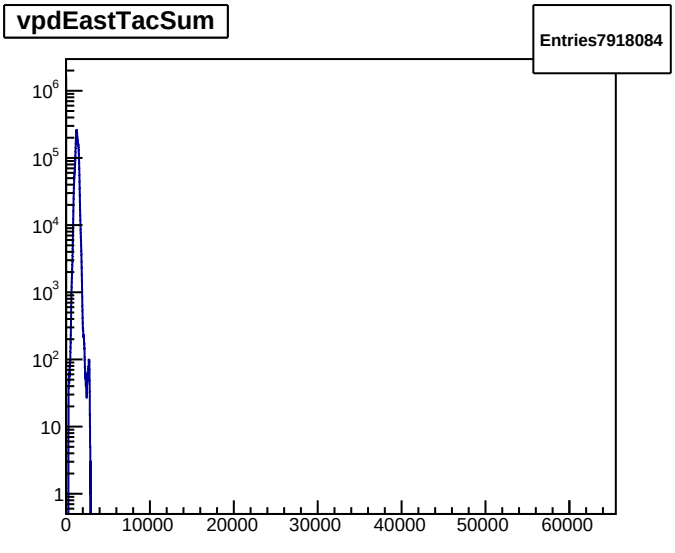

bbcLargeEastHitSimu
Entries 9899414
4.94215e+06
4.95727e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

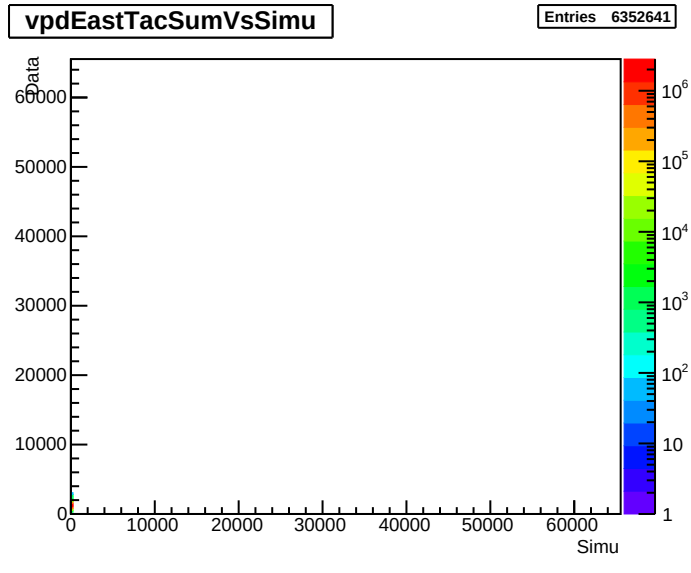

vpdEastAdcSum
Entries7918084

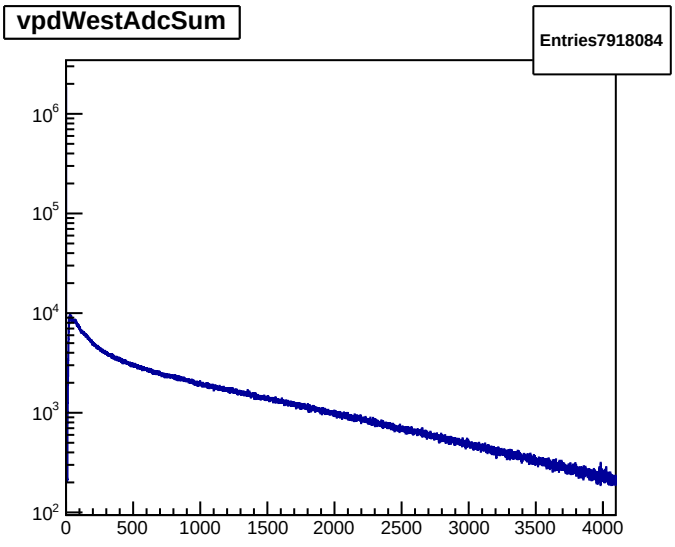

vpdEastAdcSumVsSimu
Entries 6352253
Data
Simu

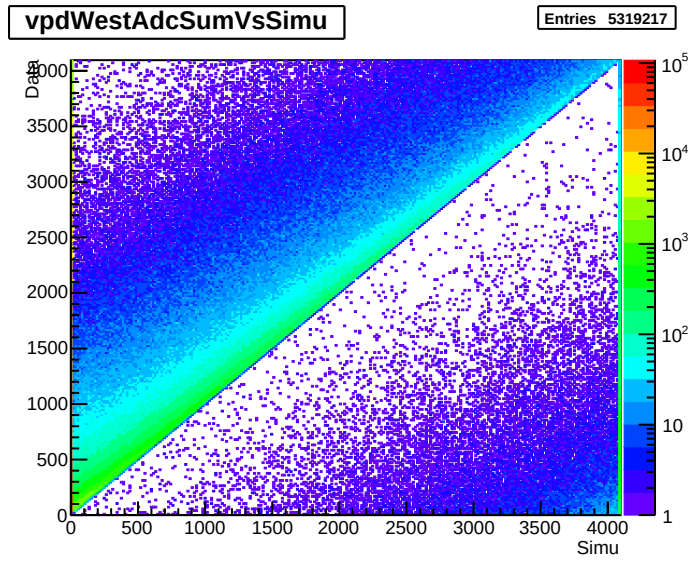

vpdEastNHits
Entries7918084

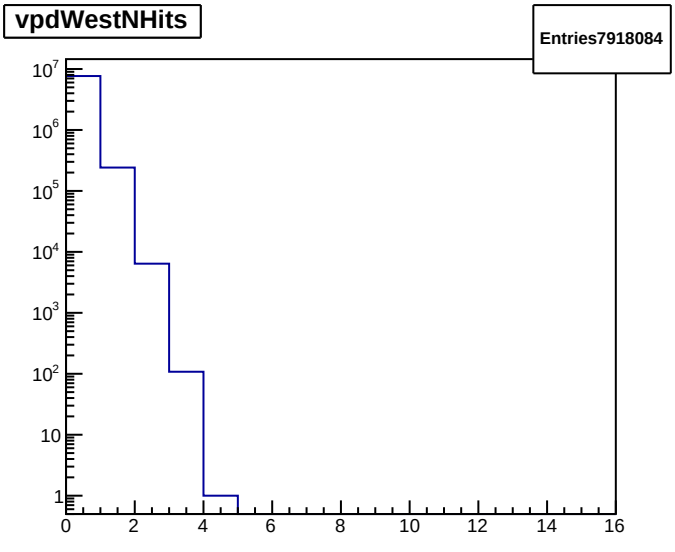

vpdEastNHitsVsSimu
Entries 573658

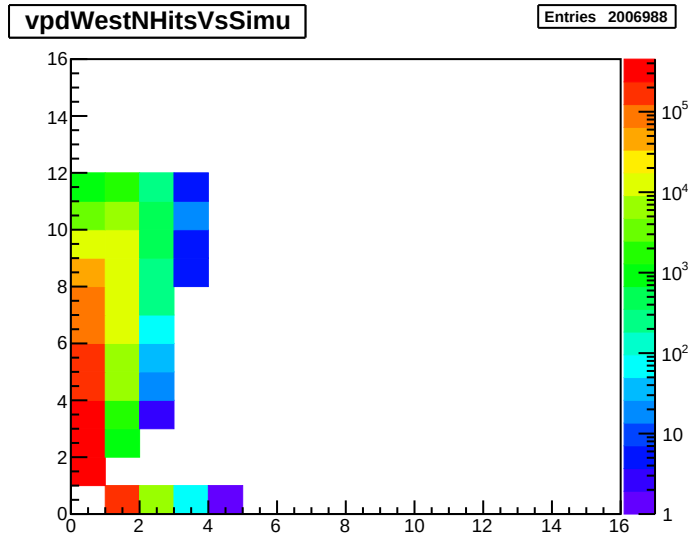

vpdEastTacSum
Entries7918084

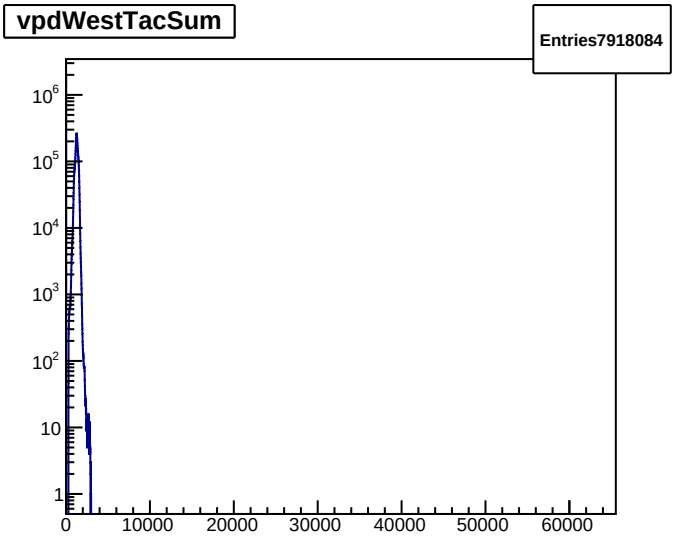

vpdEastTacSumVsSimu
Entries 6352641
Data
Simu

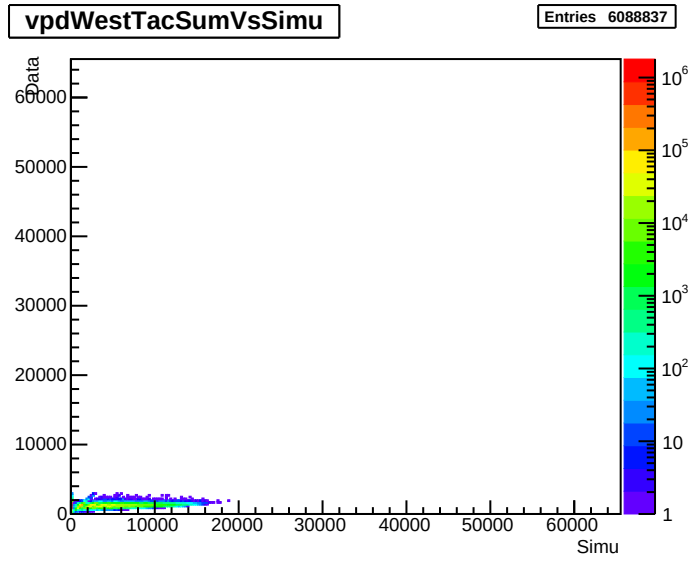

vpdWestAdcSum
Entries7918084

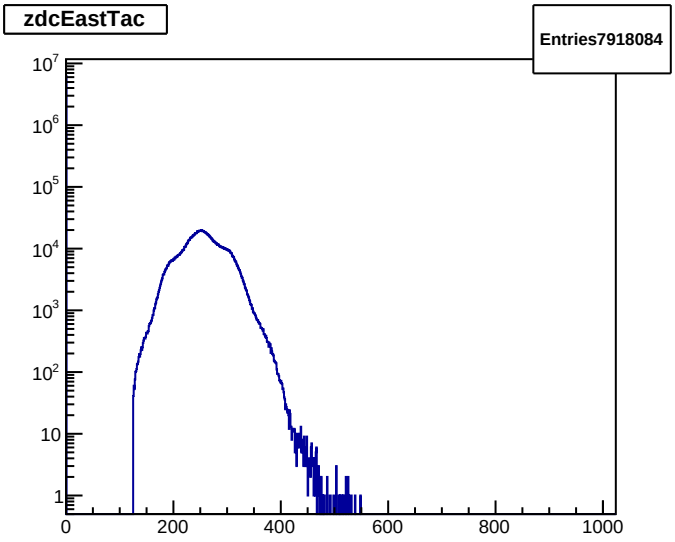

vpdWestAdcSumVsSimu
Entries 5319217
Data
Simu

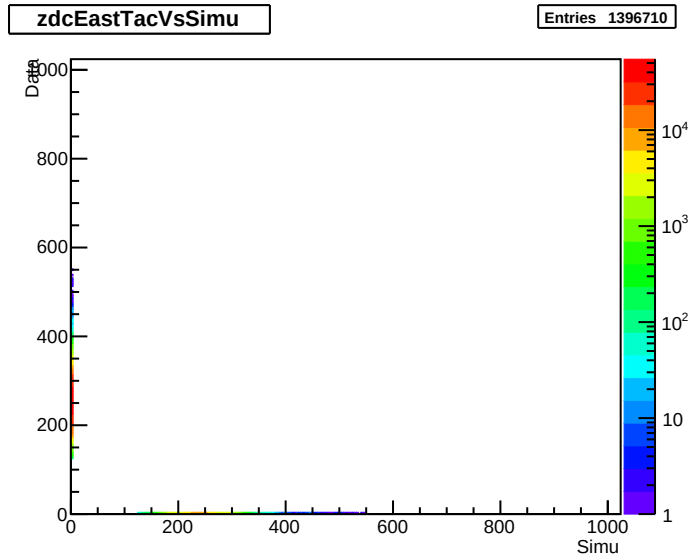

vpdWestNHits
Entries7918084

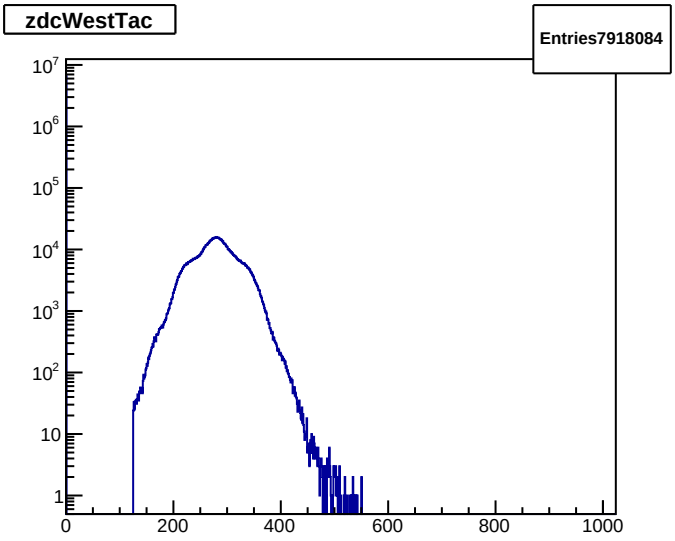

vpdWestNHitsVsSimu
Entries 2006988

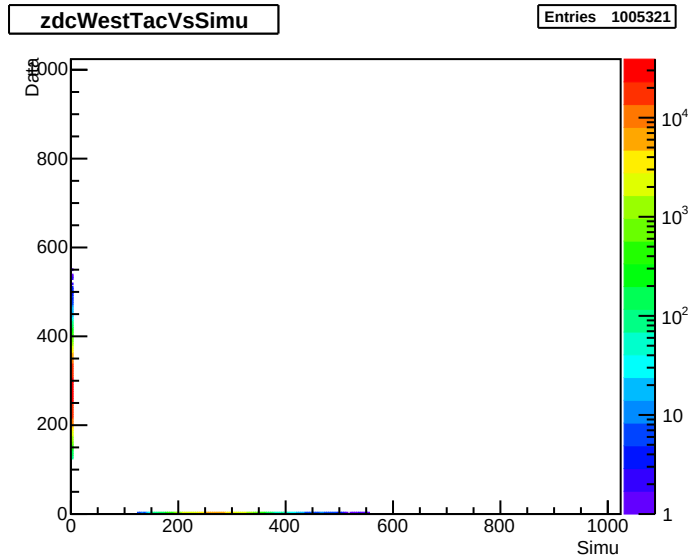

vpdWestTacSum
Entries7918084

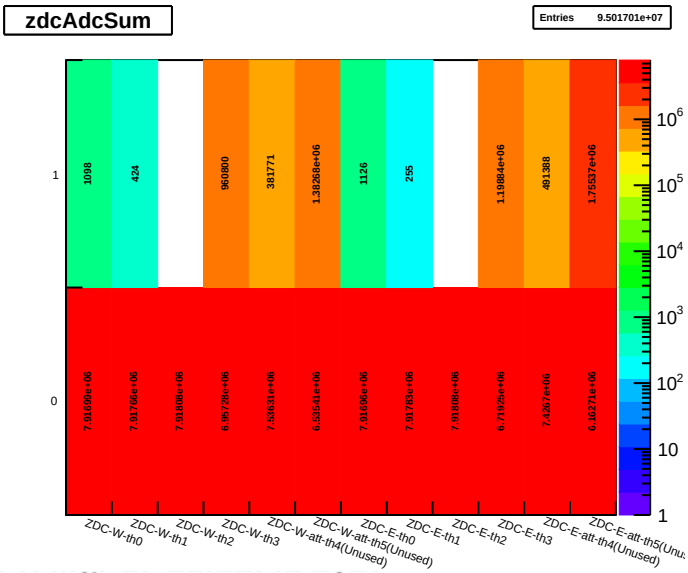

vpdWestTacSumVsSimu
Entries 6088837
Data
Simu

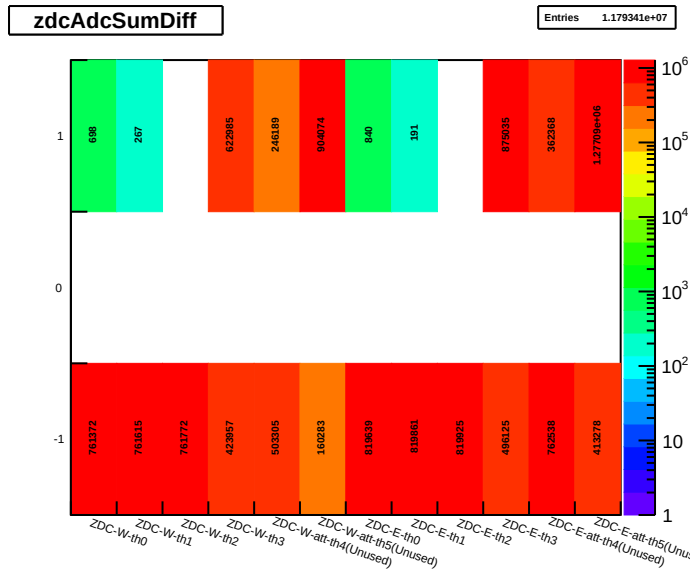

zdcEastTac
Entries7918084

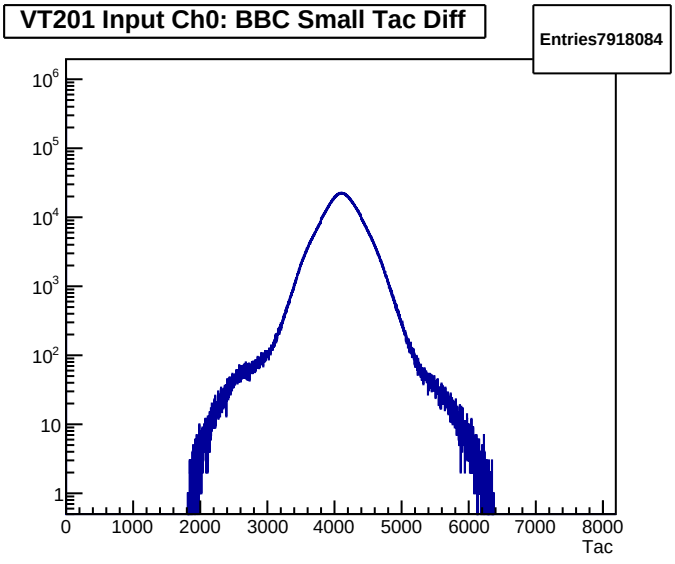

zdcEastTacVsSimu
Entries 1396710
Data
Simu

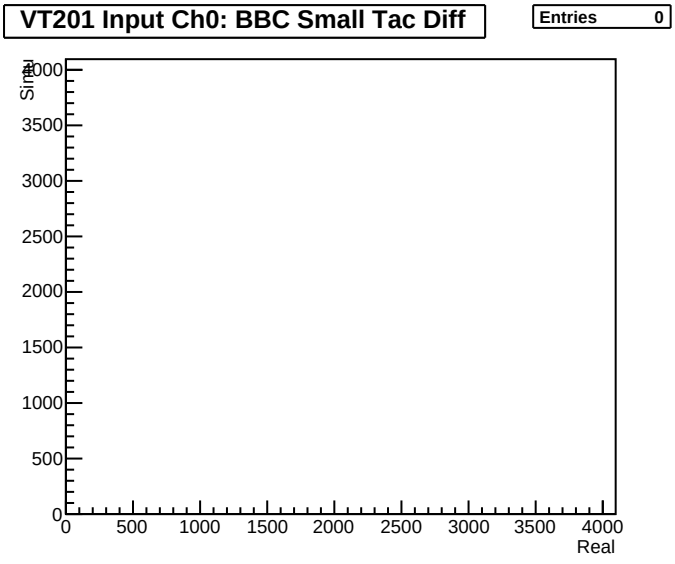

zdcWestTac
Entries7918084

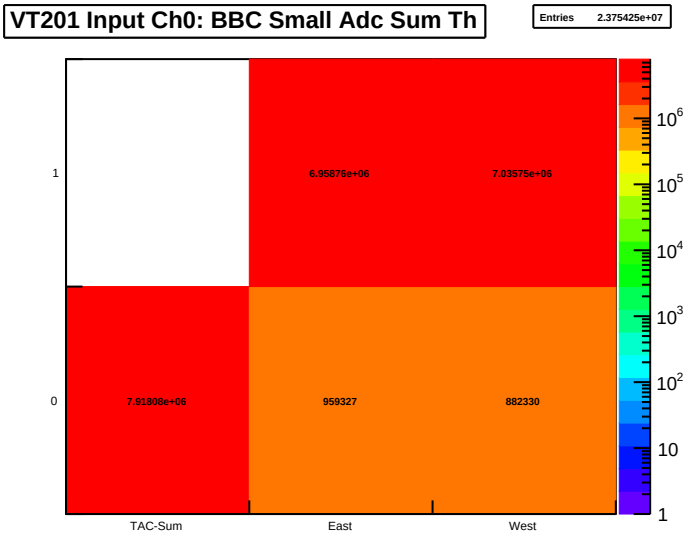

zdcWestTacVsSimu
Entries 1005321
Data
Simu

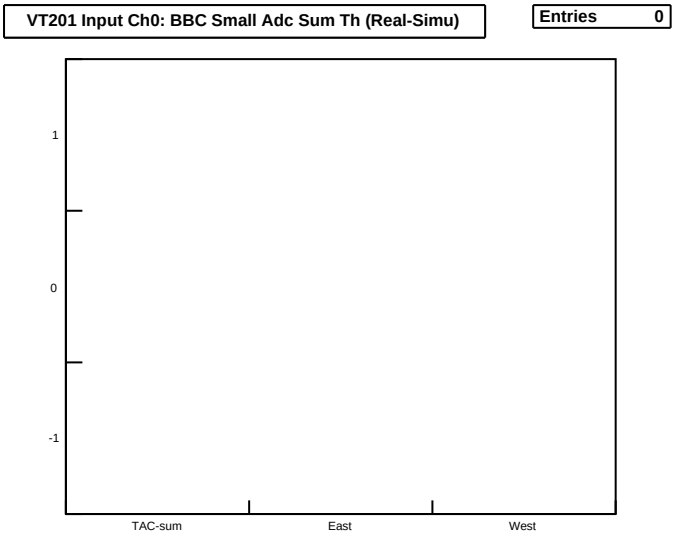

zdcAdcSum
Entries 9.501701e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

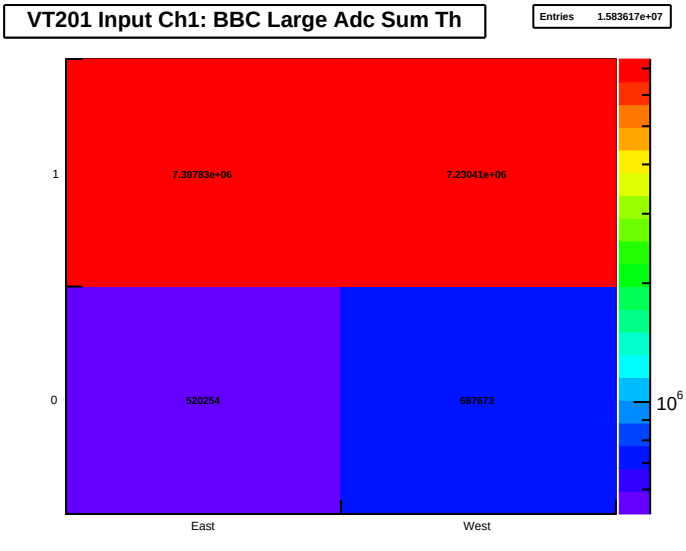

zdcAdcSumDiff
Entries 1.179341e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

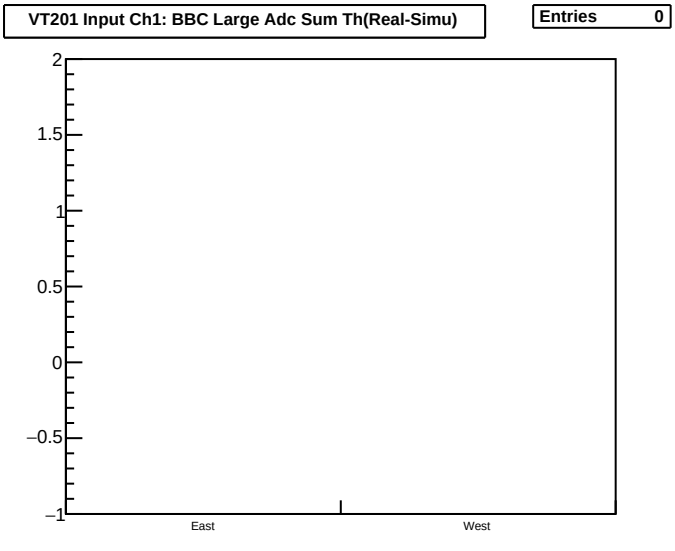

VT201 Input Ch0: BBC Small Tac Diff
Entries7918084
Tac


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

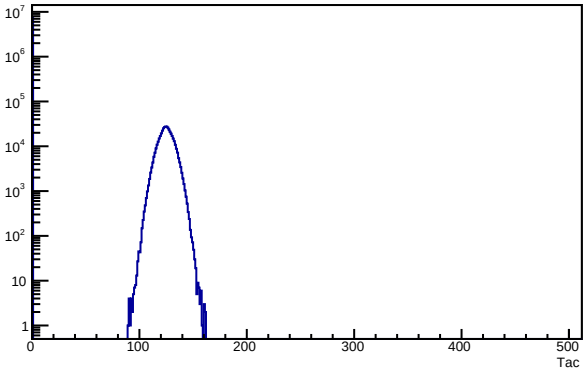

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.375425e+07
6.95876e+06
7.03575e+06
7.91808e+06
959327
882330
TAC-Sum
East
West


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

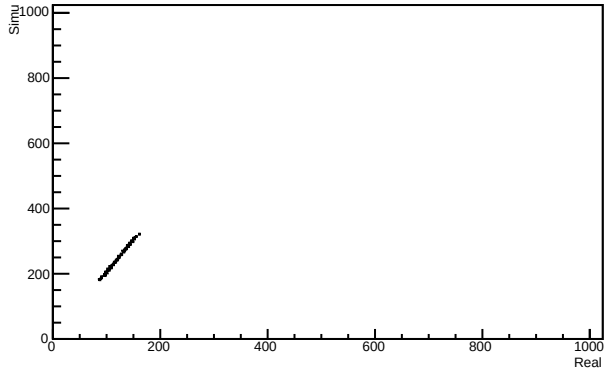

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.583617e+07
7.39783e+06
7.23041e+06
520254
687673
East
West


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

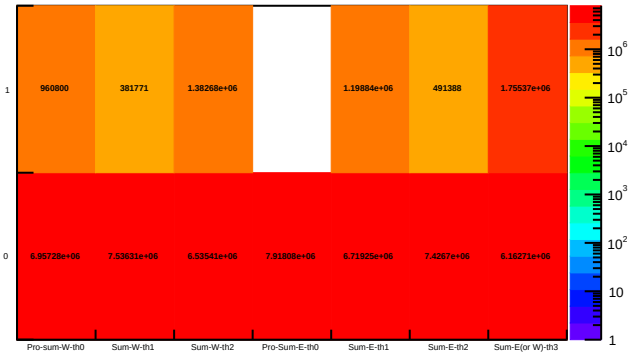
VT201 Input Ch2: ZDC Tac Diff



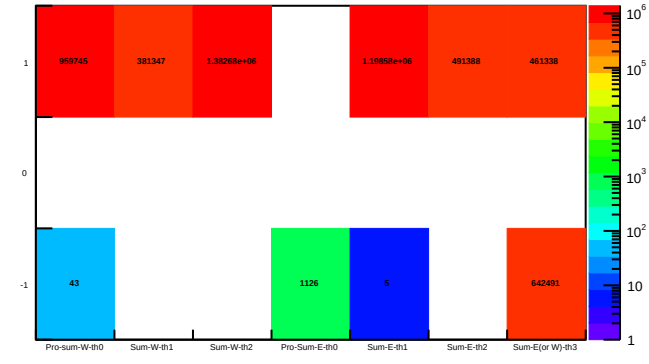
VT201 Input Ch2: ZDC Tac Diff



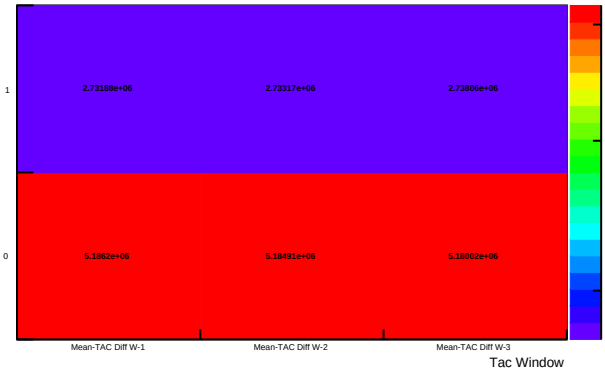
VT201 Input Ch2: ZDC Adc Sum Th



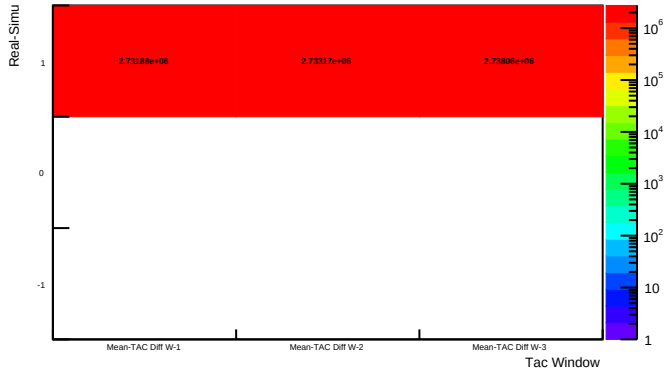
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



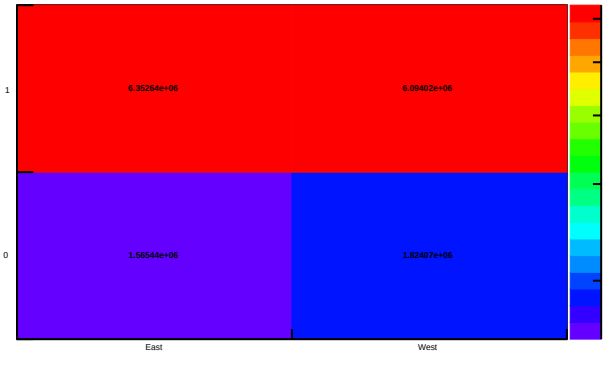
VT201 Input Ch4: VPD Tac Diff



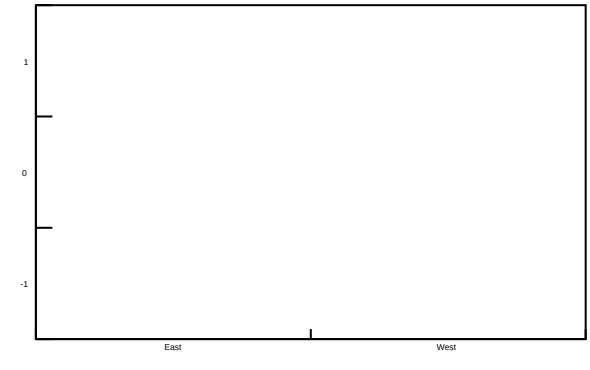
VT201 Input Ch4: VPD Tac Diff

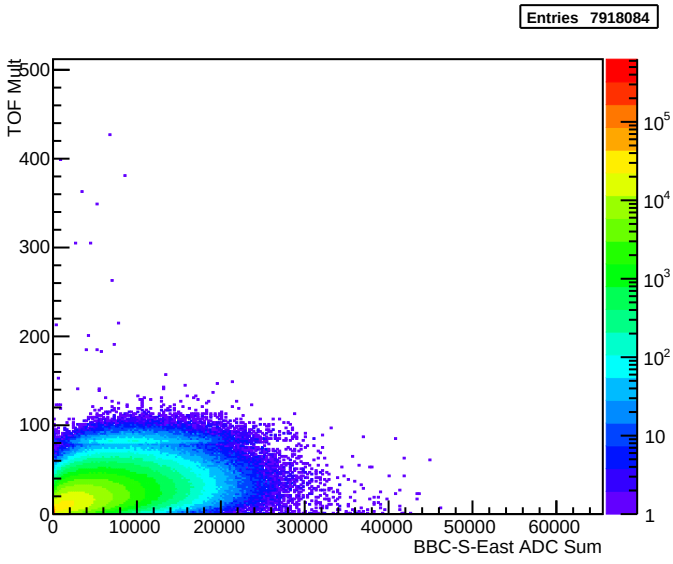


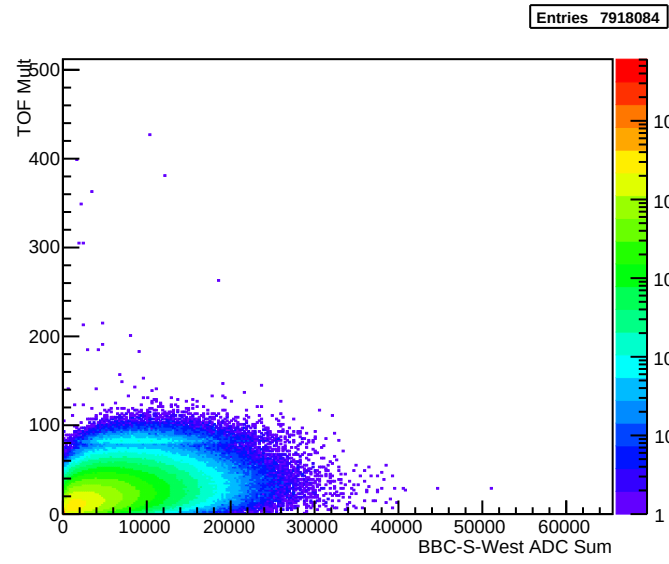
VT201 Input Ch4: VPD Adc Sum Th

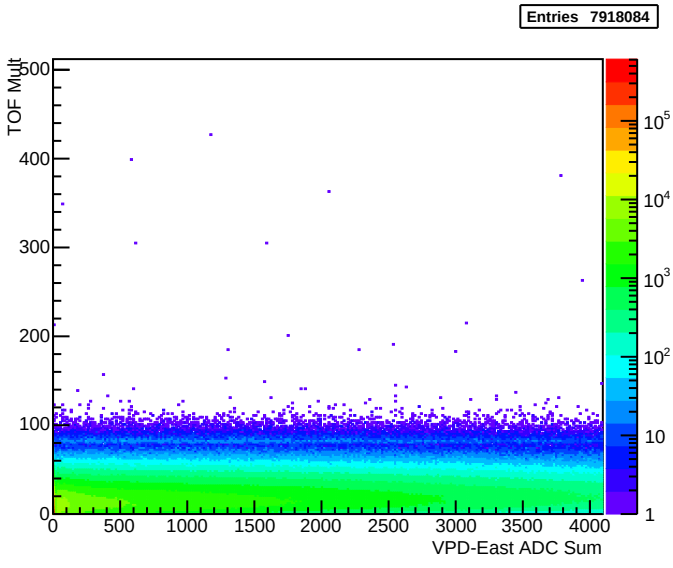


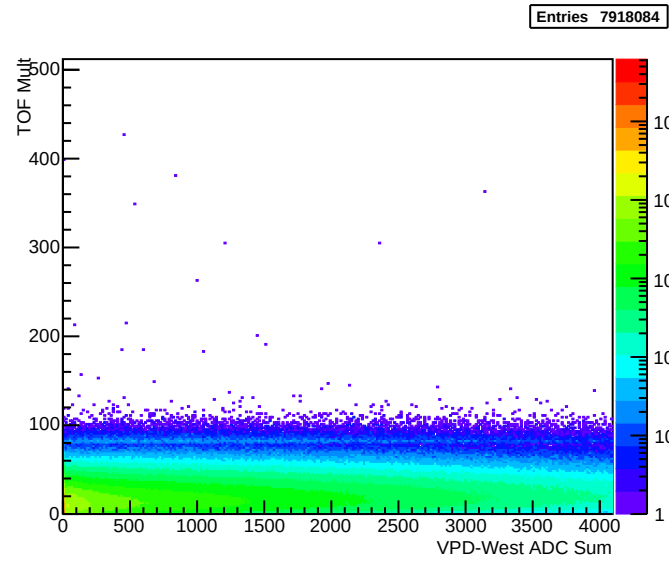
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

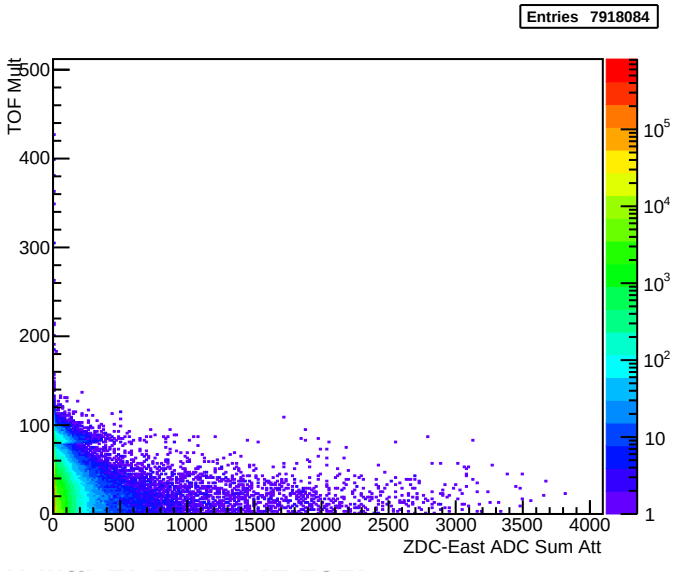


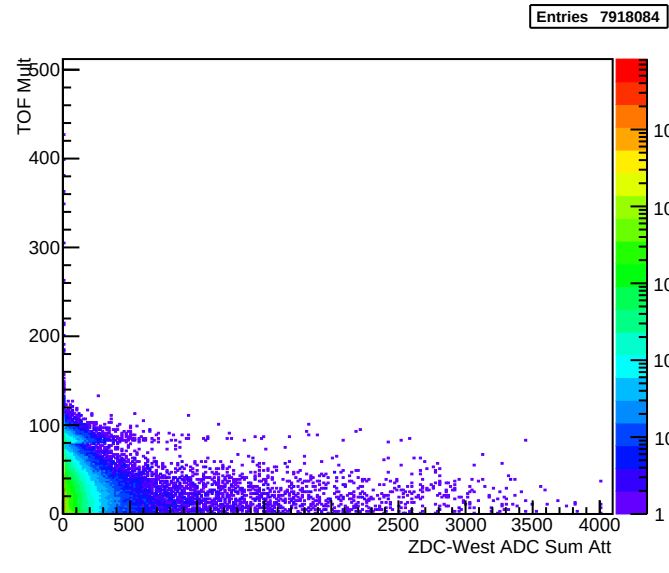

Entries 7918084
TOF Mult
BBC-S-East ADC Sum

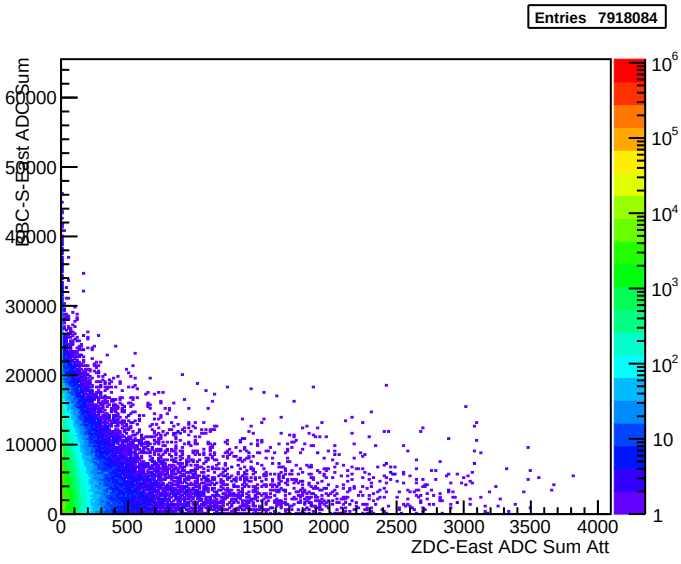

Entries 7918084
TOF Mult
BBC-S-West ADC Sum

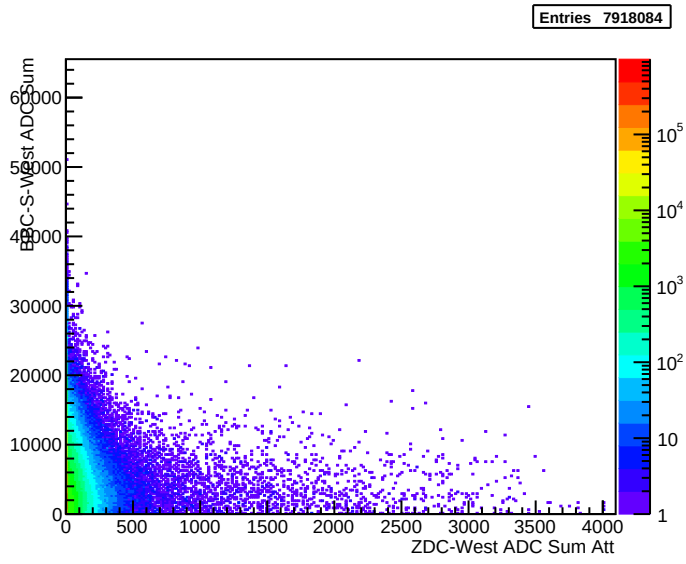

Entries 7918084
TOF Mult
VPD-East ADC Sum

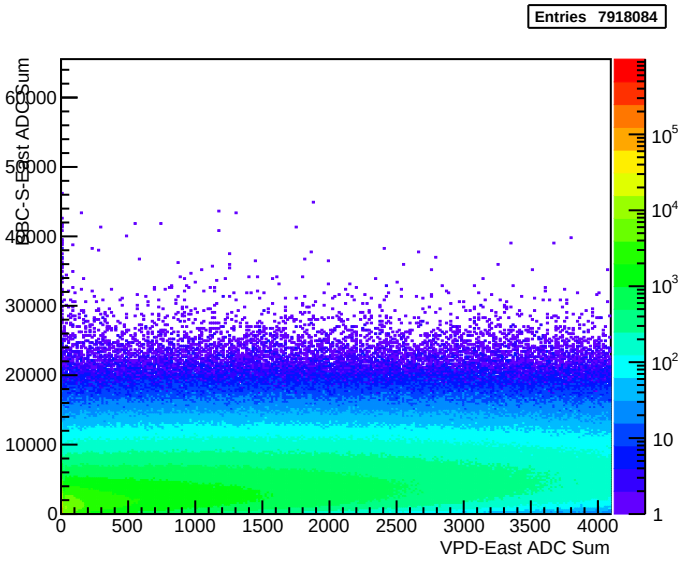

Entries 7918084
TOF Mult
VPD-West ADC Sum

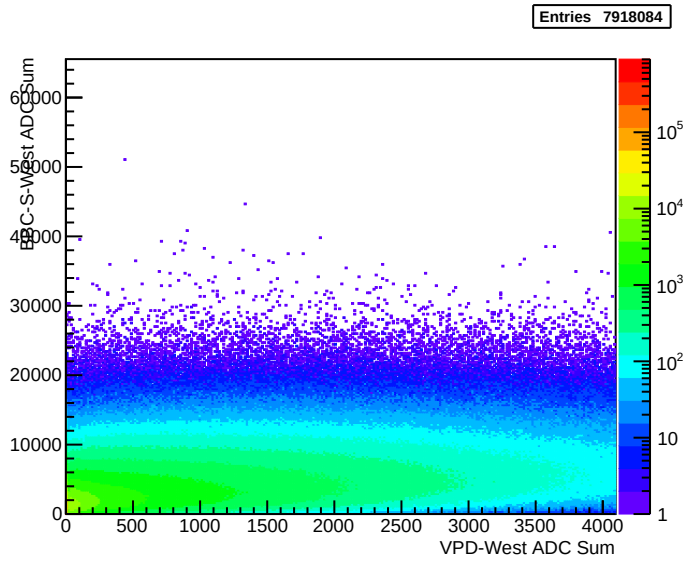

Entries 7918084
TOF Mult
ZDC-East ADC Sum Att

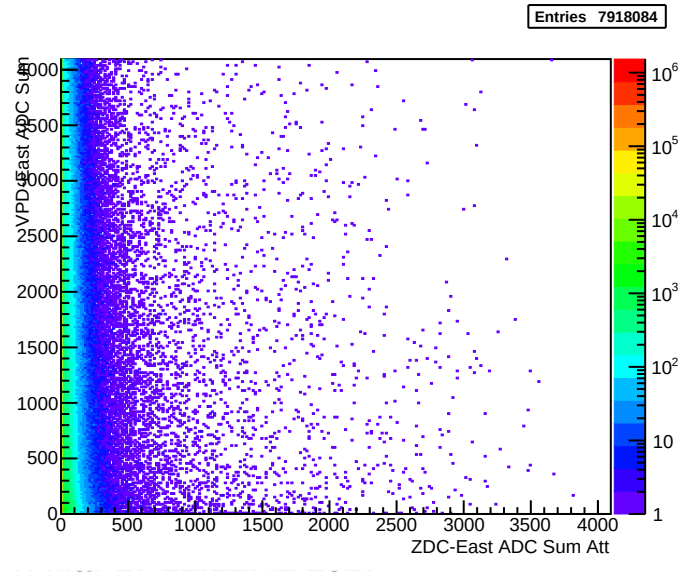

Entries 7918084
TOF Mult
ZDC-West ADC Sum Att

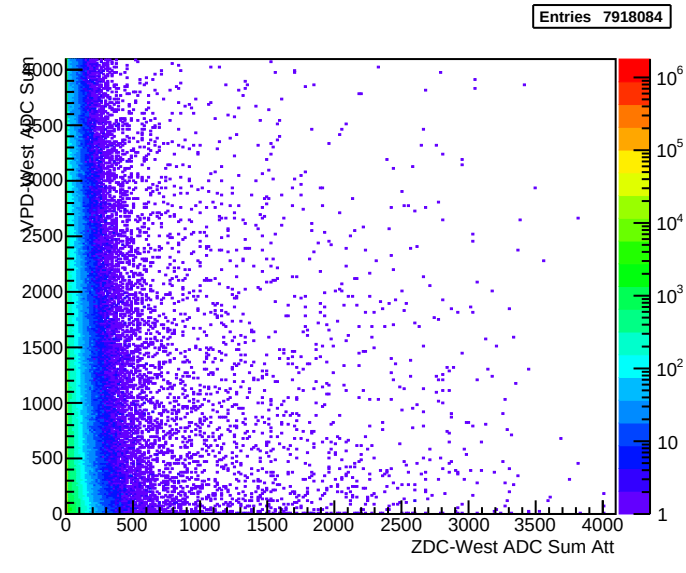

Entries 7918084
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

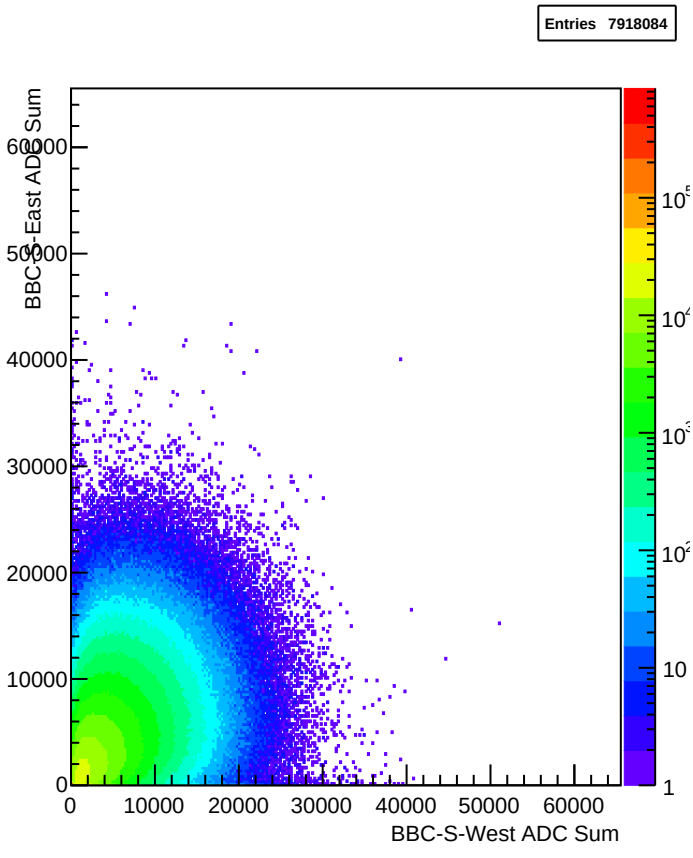

Entries 7918084
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

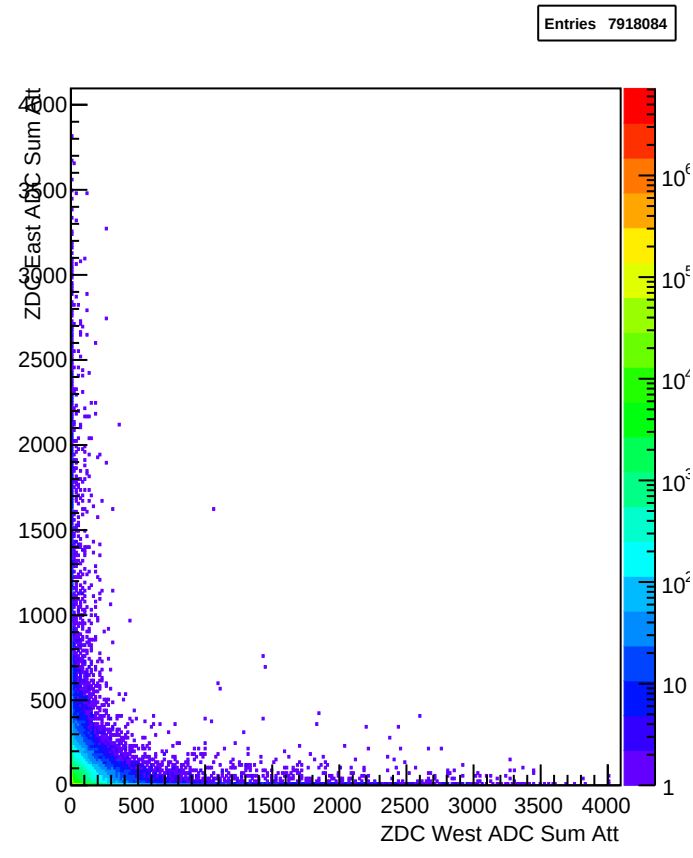

Entries 7918084
BBC-S-East ADC Sum
VPD-East ADC Sum

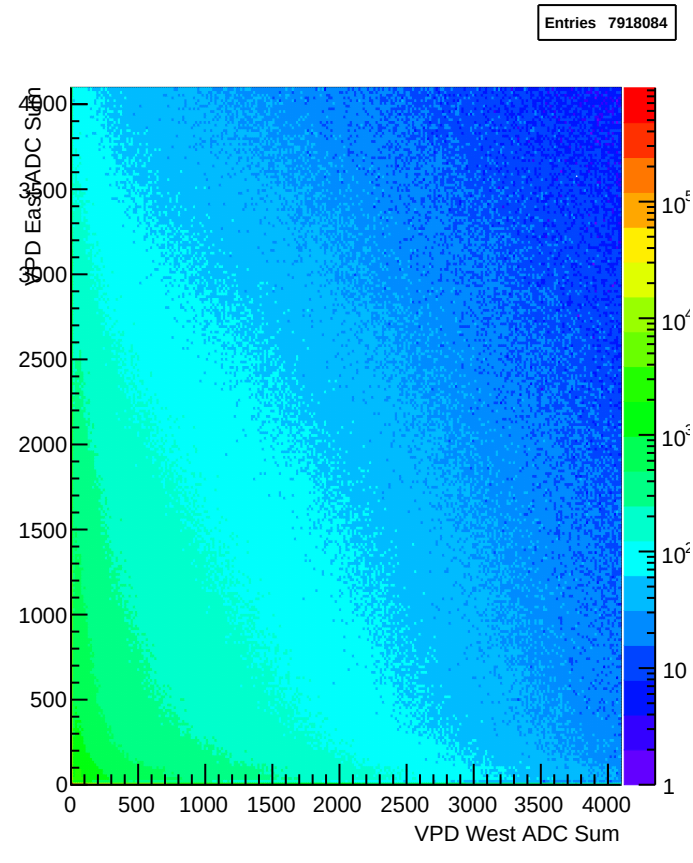

Entries 7918084
BBC-S-West ADC Sum
VPD-West ADC Sum

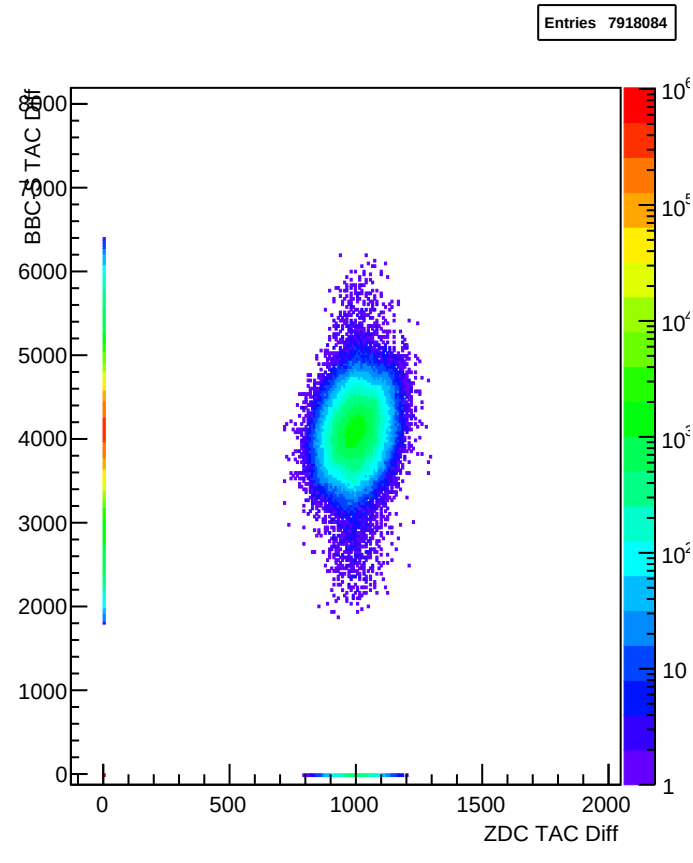

Entries 7918084
VPD-East ADC Sum
ZDC-East ADC Sum Att

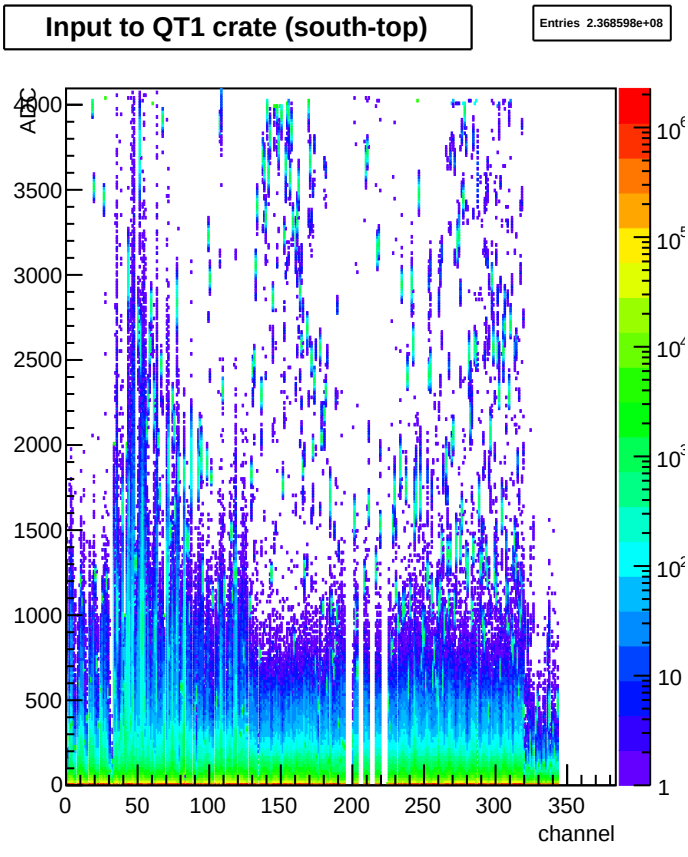

Entries 7918084
VPD-West ADC Sum
ZDC-West ADC Sum Att

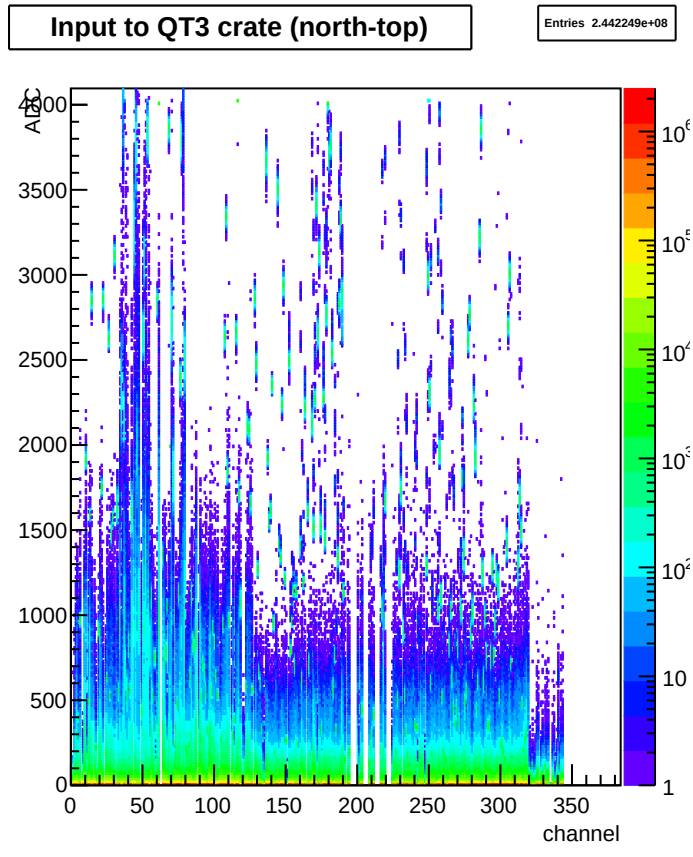

Entries 7918084
BBC-S-East ADC Sum
BBC-S-West ADC Sum

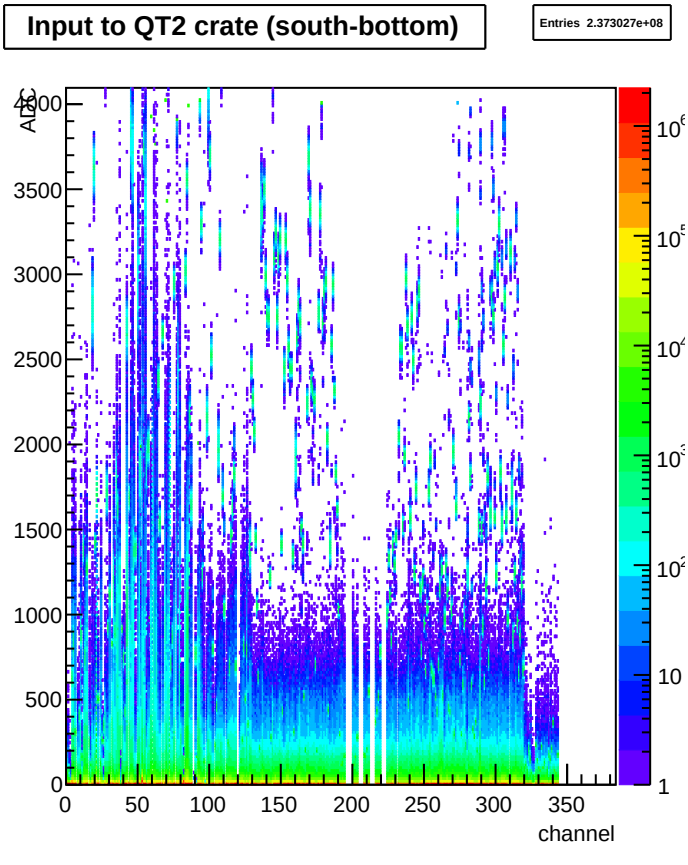

Entries 7918084
ZDC East ADC Sum Att
ZDC West ADC Sum Att

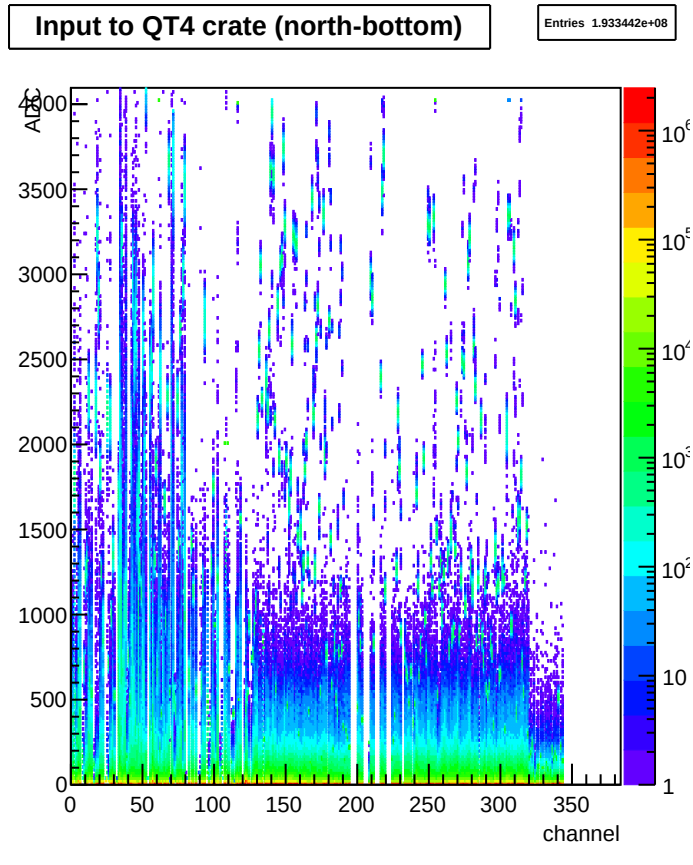

Entries 7918084
VPD East ADC Sum
VPD West ADC Sum

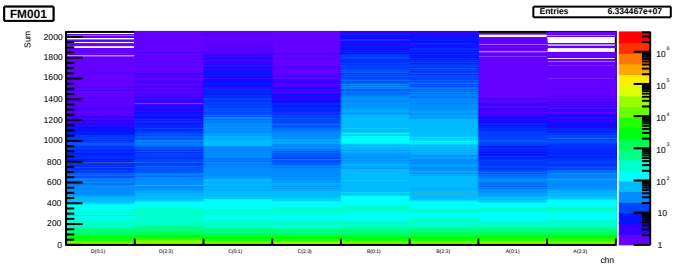

Entries 7918084
BBC-S TAC Diff
ZDC TAC Diff

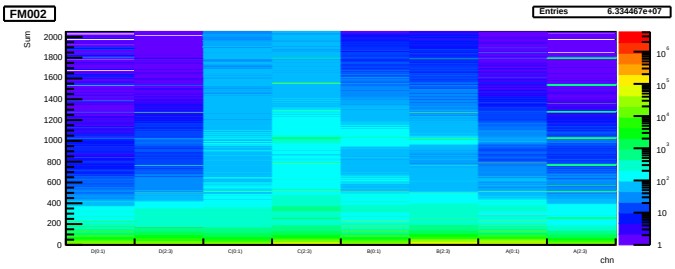

Input to QT1 crate (south-top)
Entries 2.368598e+08
ADC
channel

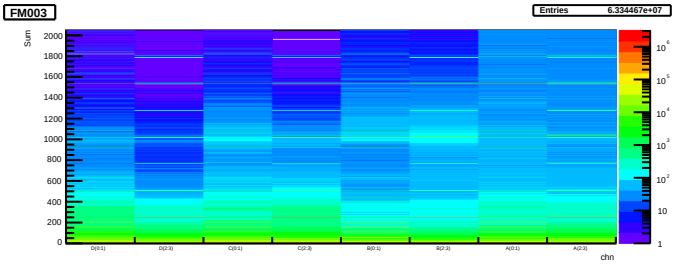

Input to QT3 crate (north-top)
Entries 2.442249e+08
ADC
channel

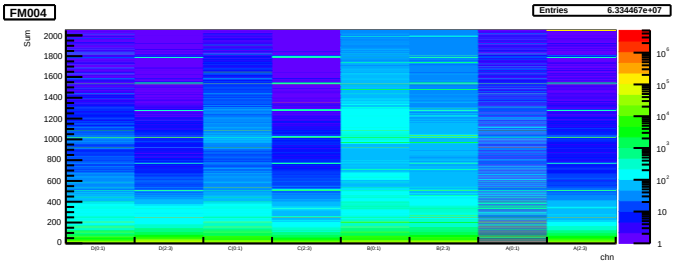

Input to QT2 crate (south-bottom)
Entries 2.373027e+08
ADC
channel

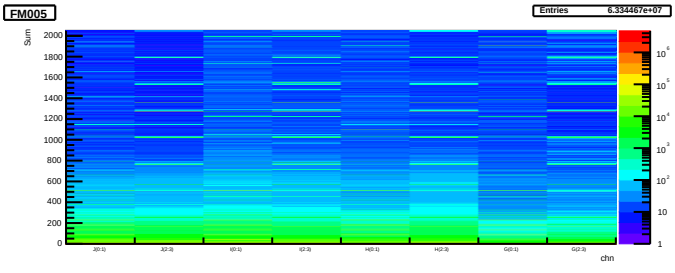

Input to QT4 crate (north-bottom)
Entries 1.933442e+08
ADC
channel

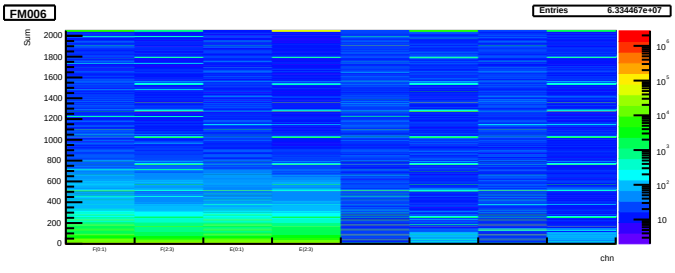

FM001
Entries 6.334467e+07
Sum
chn


FM002
Entries 6.334467e+07
Sum
chn


FM003
Entries 6.334467e+07
Sum
chn


FM004
Entries 6.334467e+07
Sum
chn


FM005
Entries 6.334467e+07
Sum
chn


FM006
Entries 6.334467e+07
Sum
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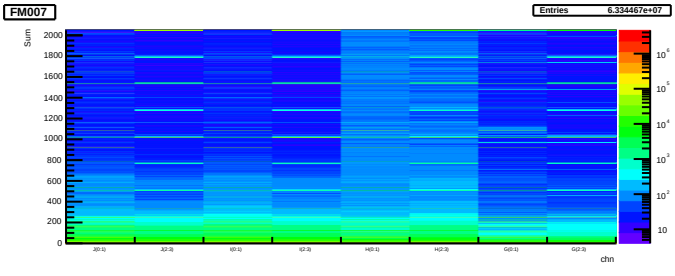
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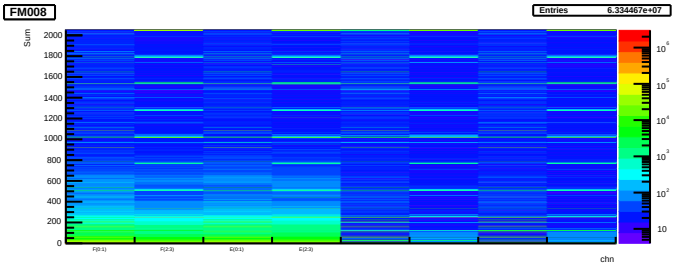
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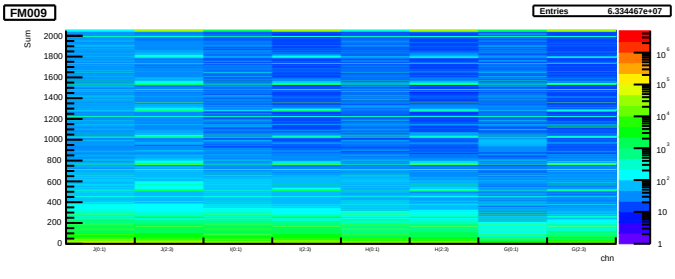
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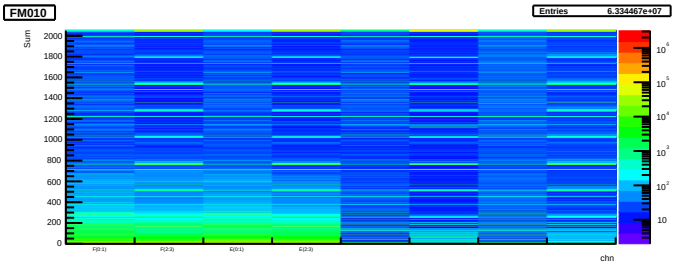
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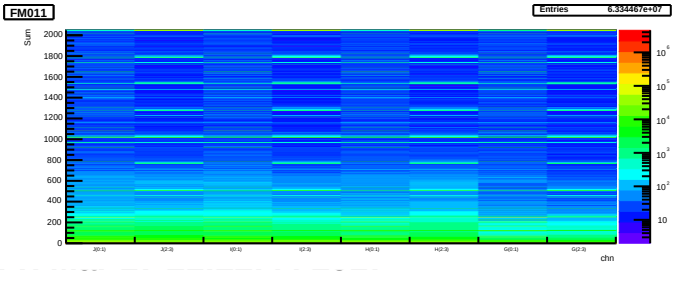
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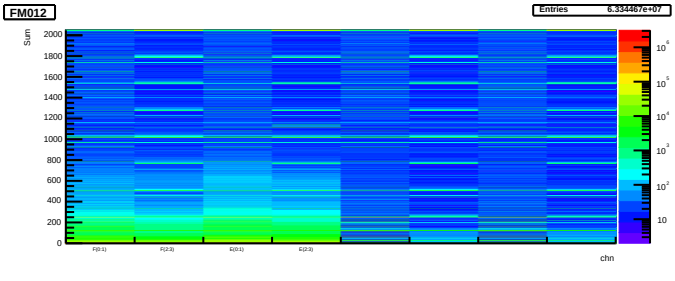
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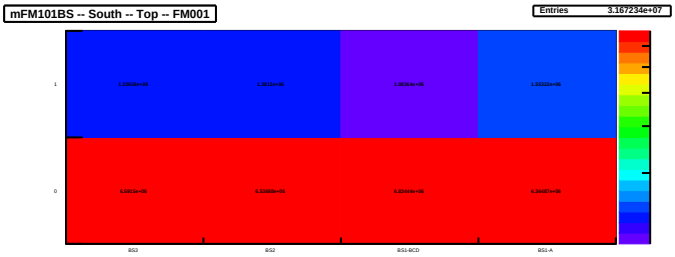
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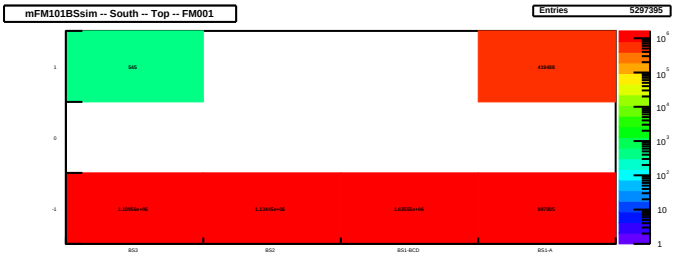
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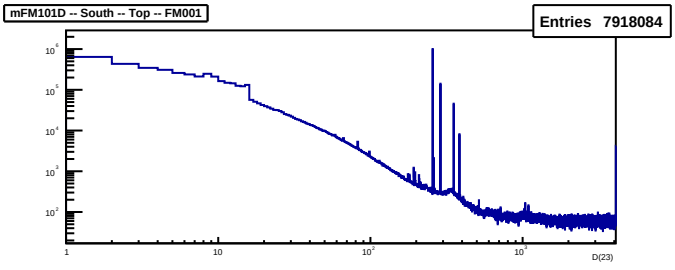
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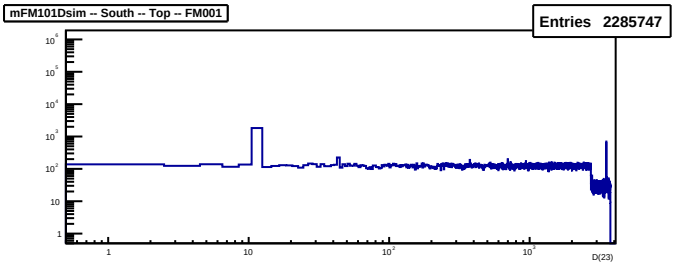
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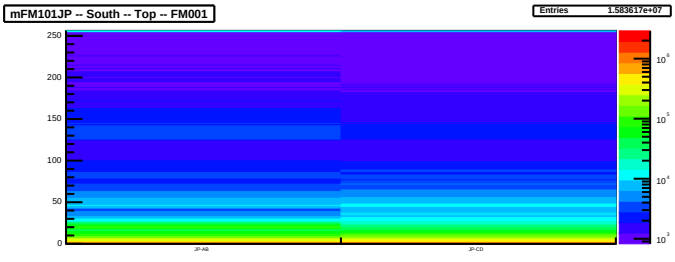
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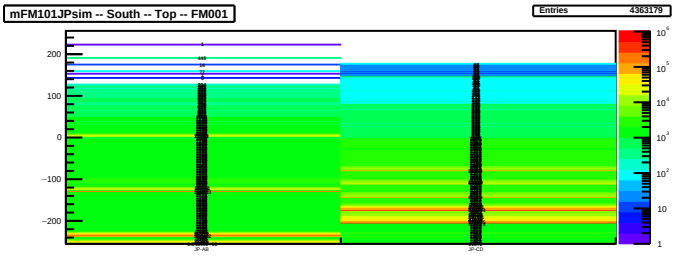
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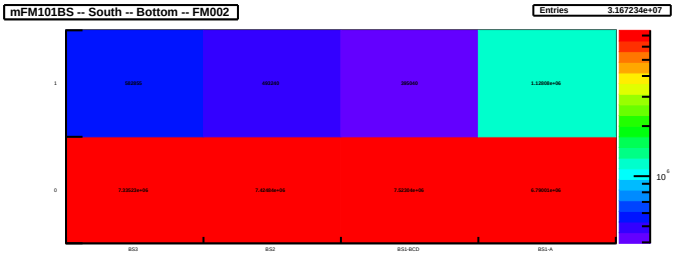
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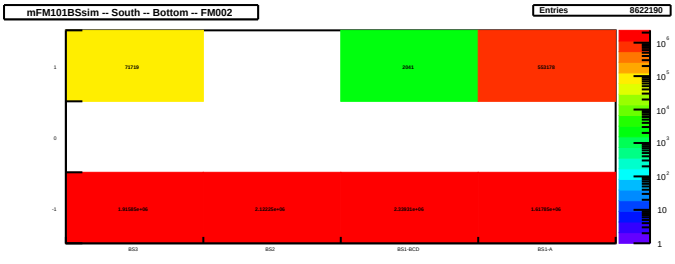
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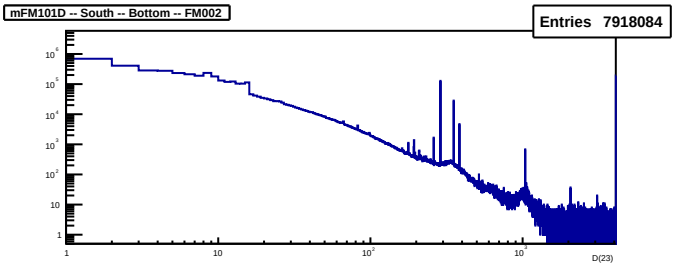
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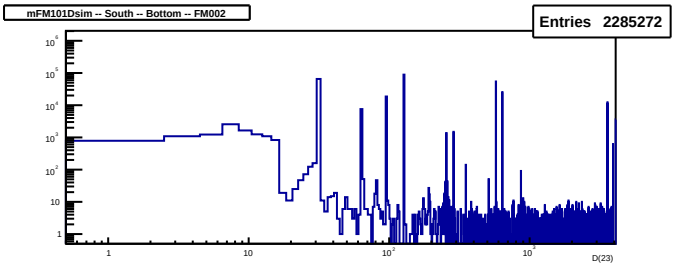
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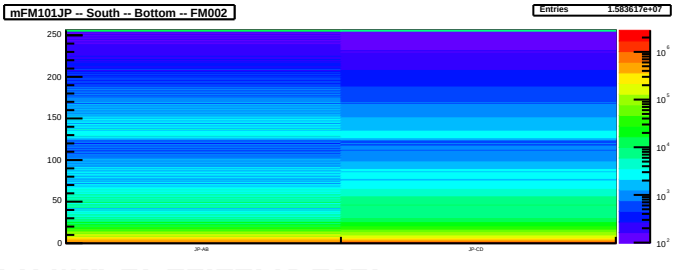
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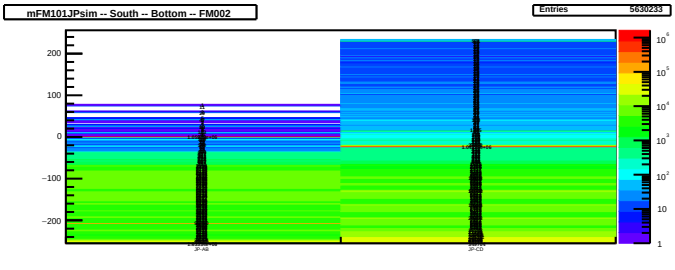
Entries 1.583617e+07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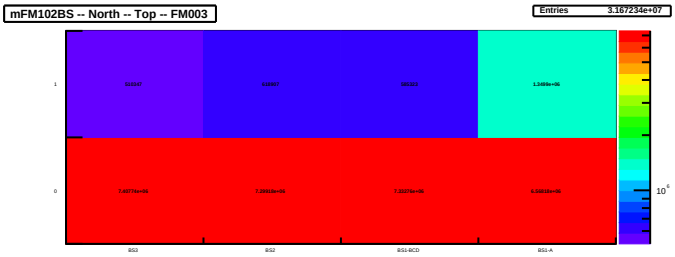
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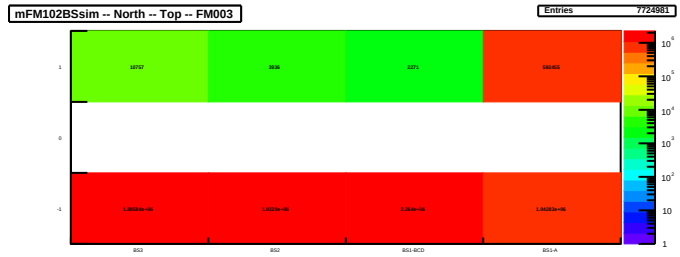
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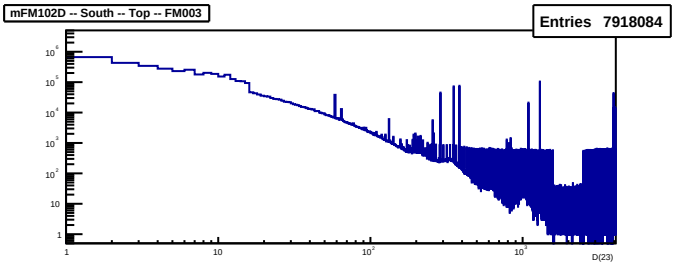
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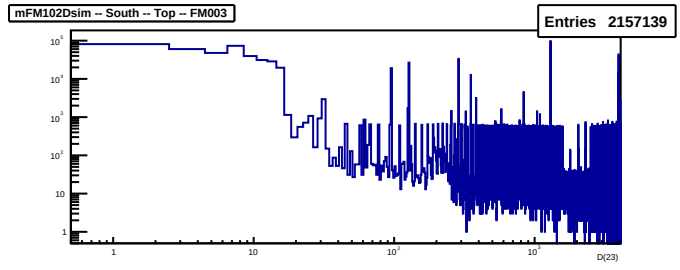
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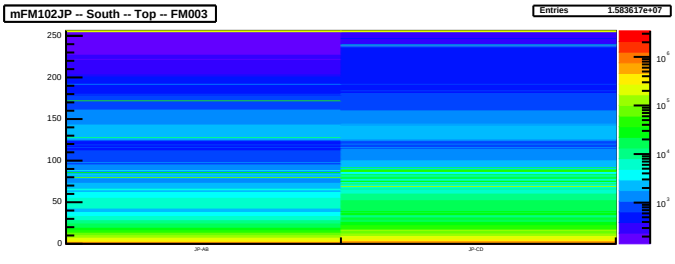
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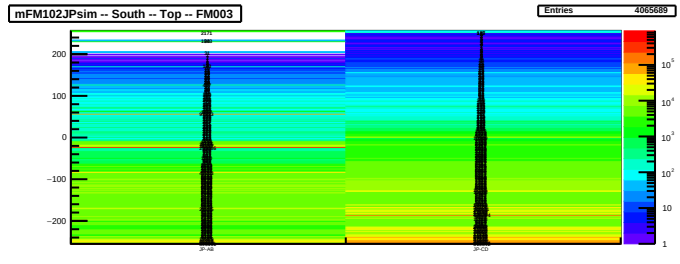
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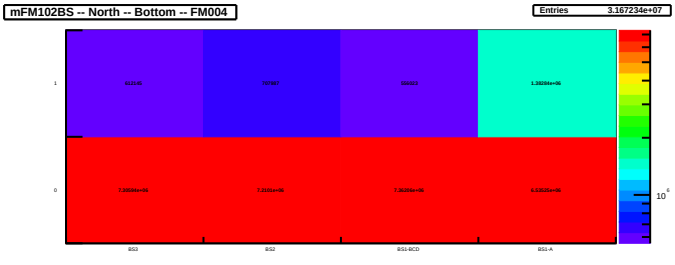
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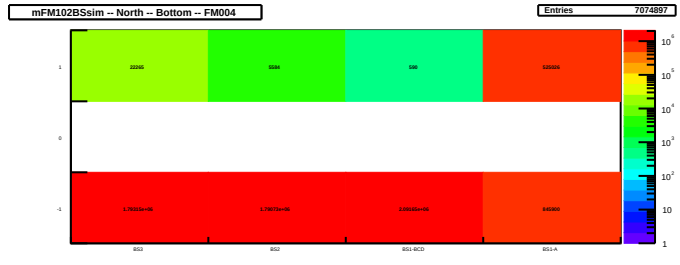
Entries 3.167234e+07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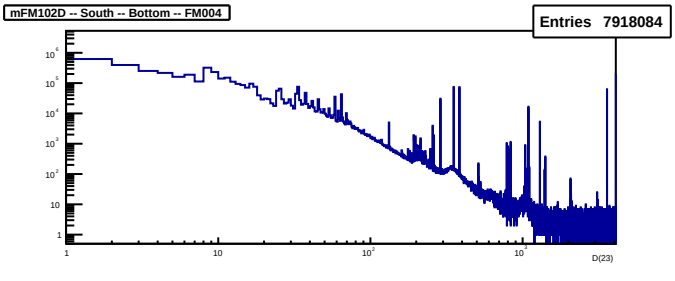
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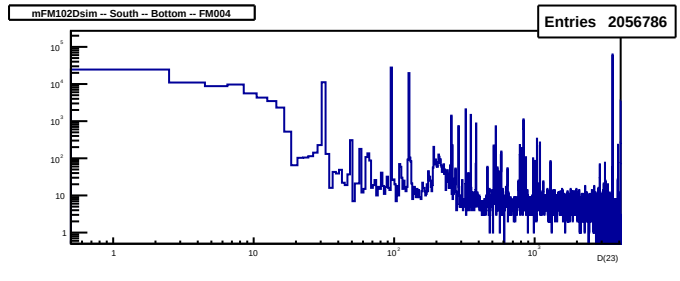
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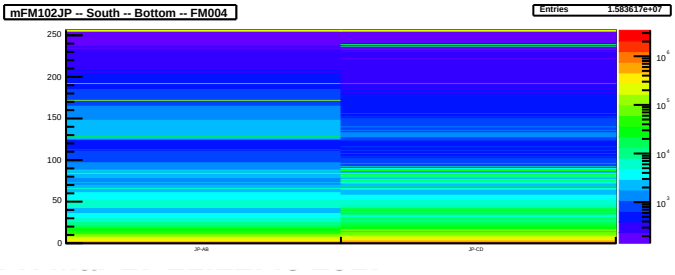
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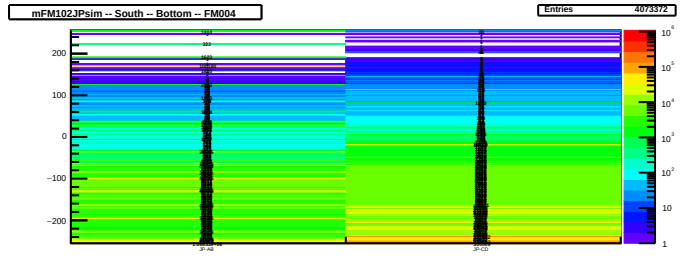
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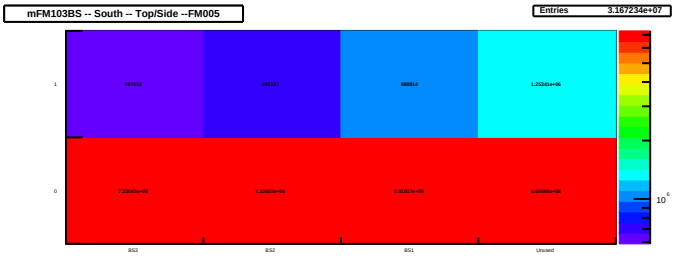
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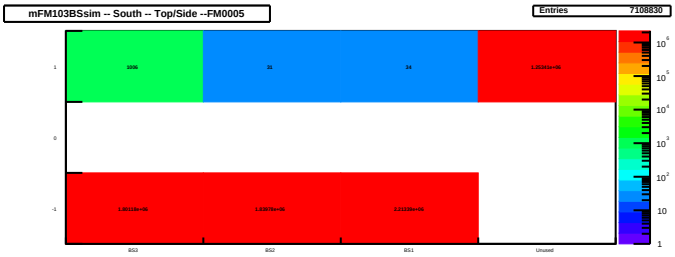
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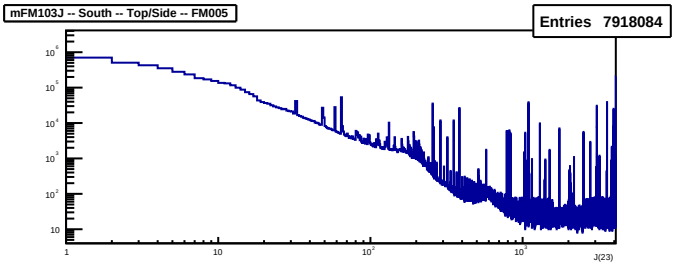
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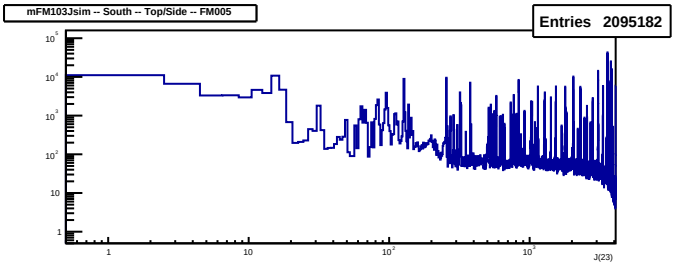
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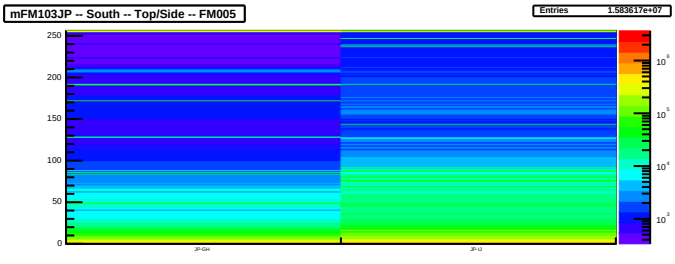
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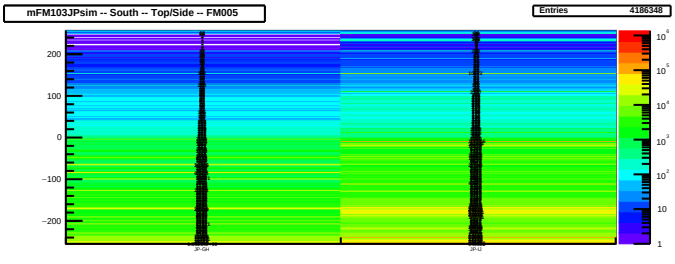
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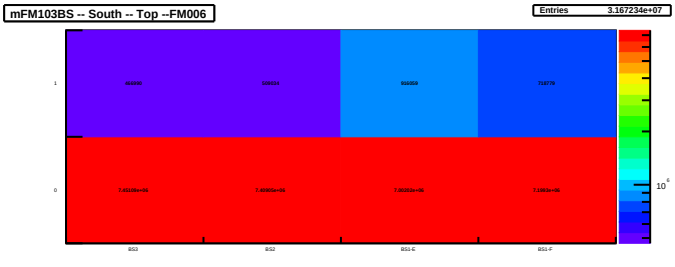
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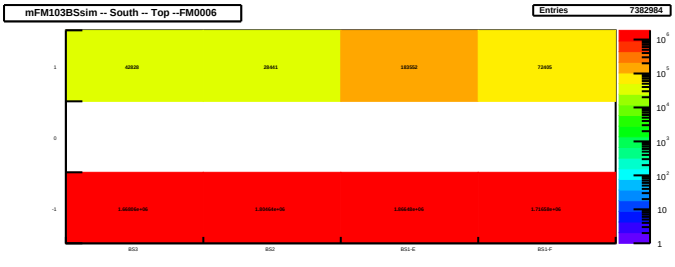
Entries 3.167234e+07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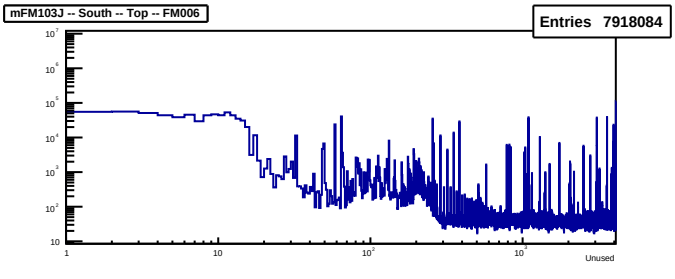
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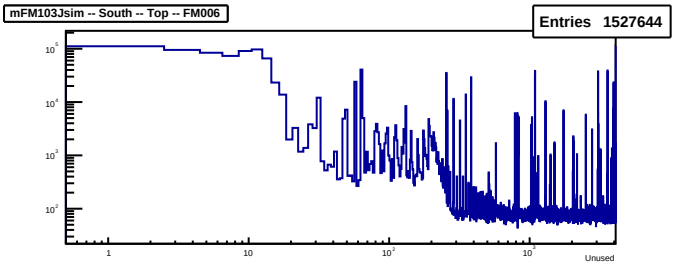
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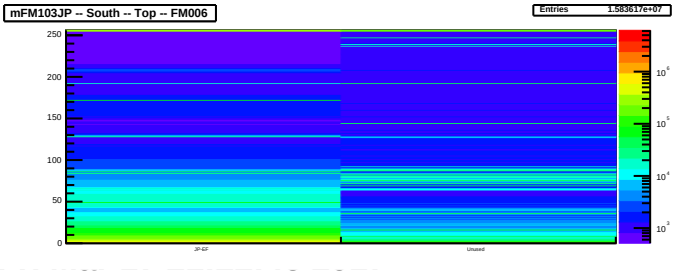
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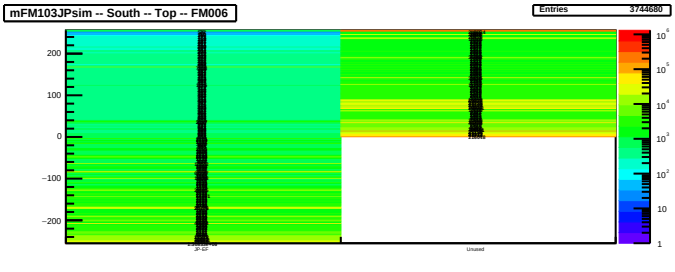
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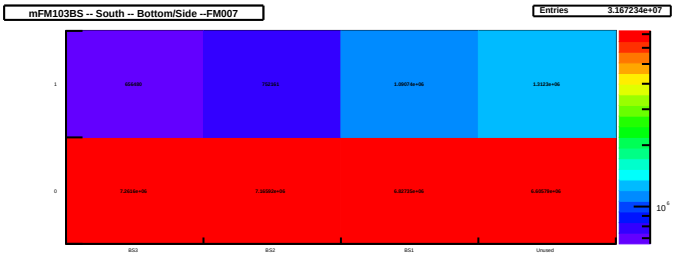
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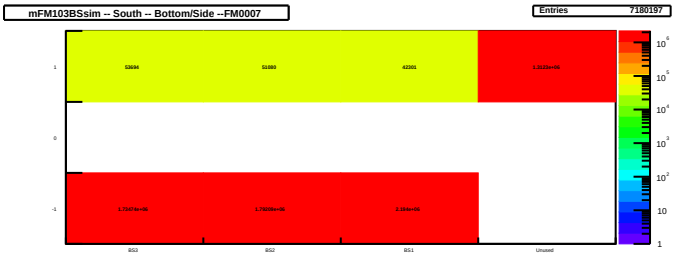
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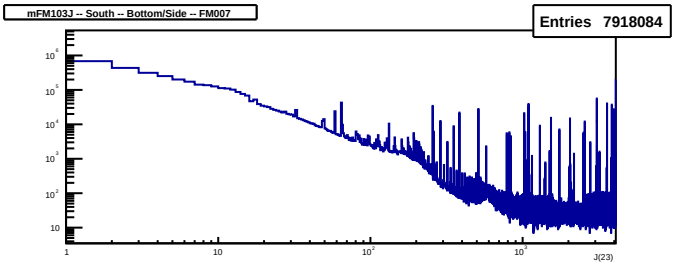
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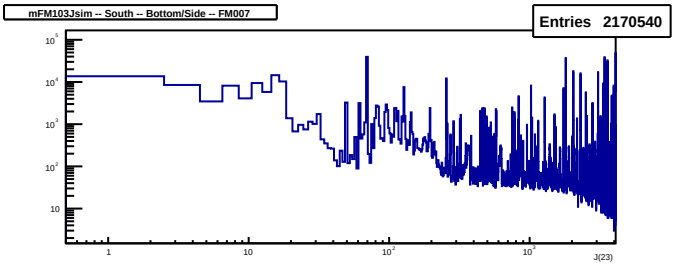
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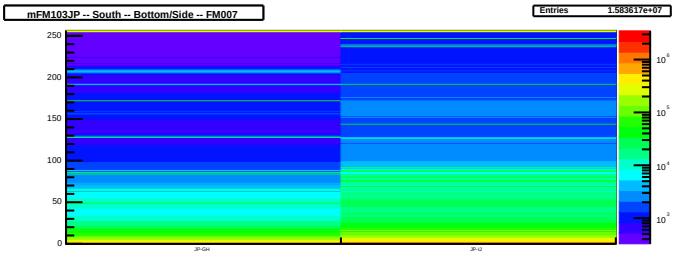
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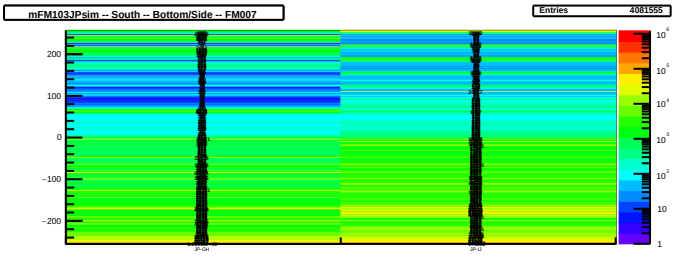
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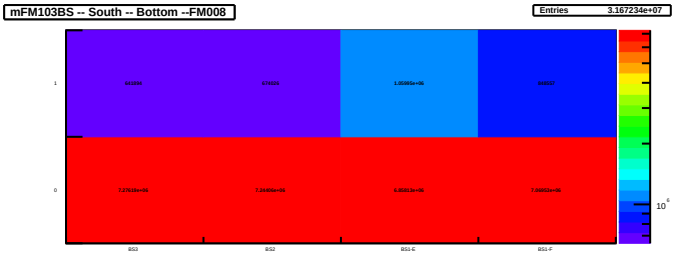
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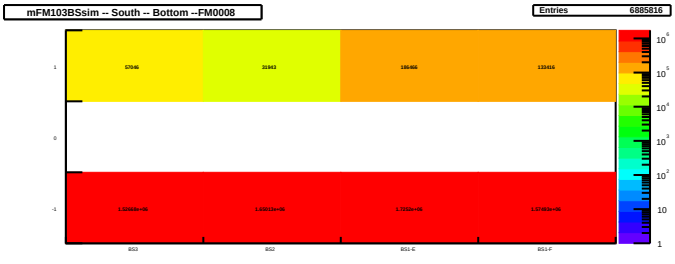
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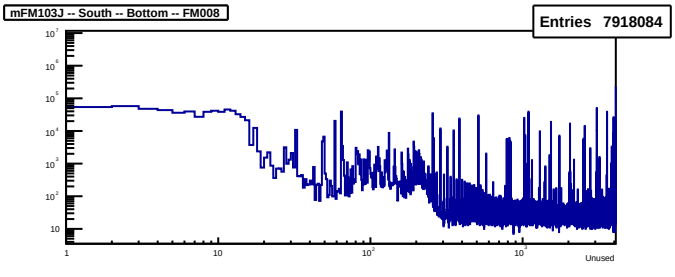
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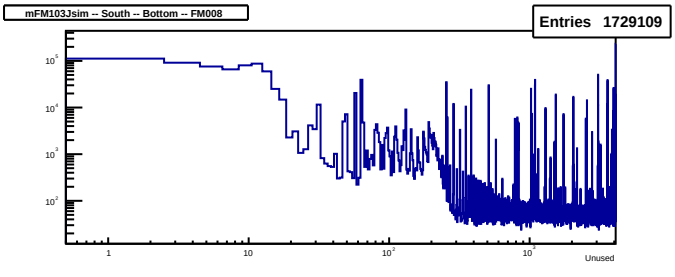
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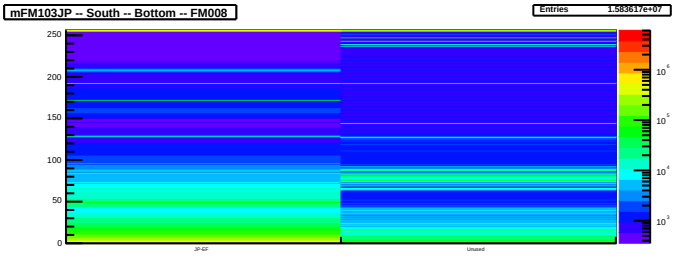
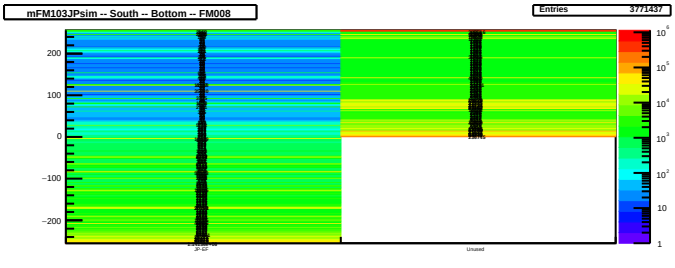
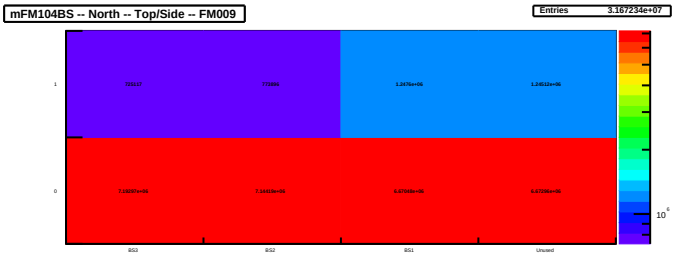
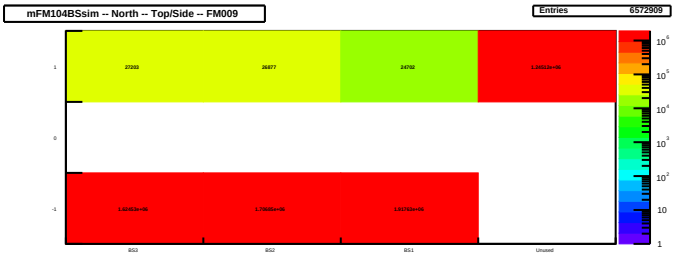
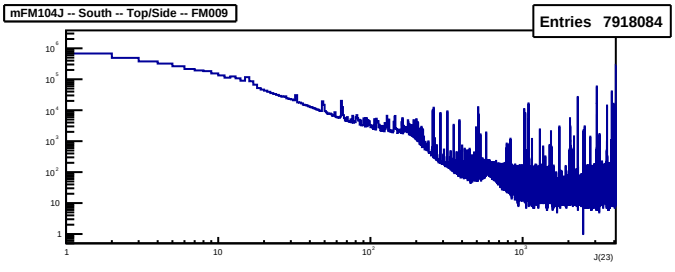
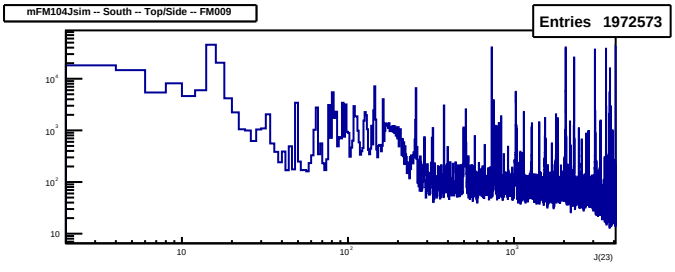

mFM103JP -- South -- Bottom -- FM008
Entries 1.583617e+07

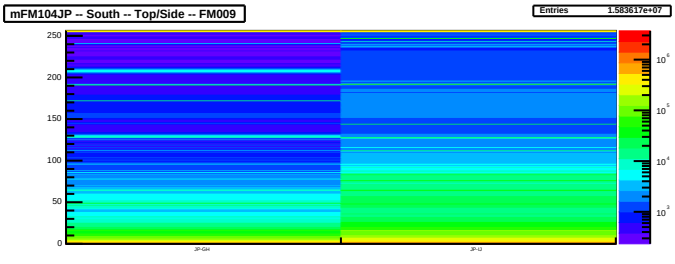

mFM103JPsim -- South -- Bottom -- FM008
Entries 3771437

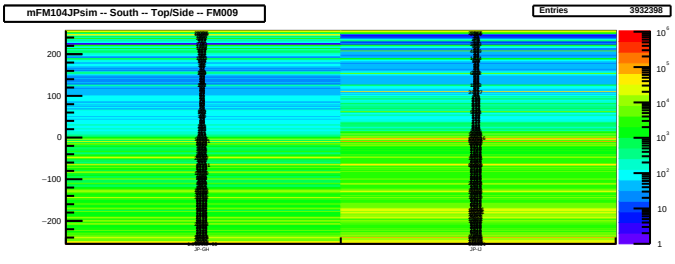

mFM104BS -- North -- Top/Side -- FM009
Entries 3.167234e+07
BS3
BS2
BS1
Unused

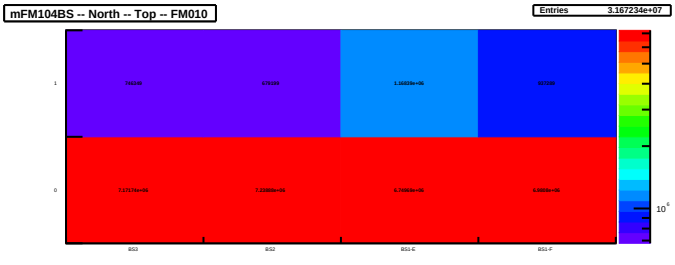

mFM104BSsim -- North -- Top/Side -- FM009
Entries 6572909
BS3
BS2
BS1
Unused

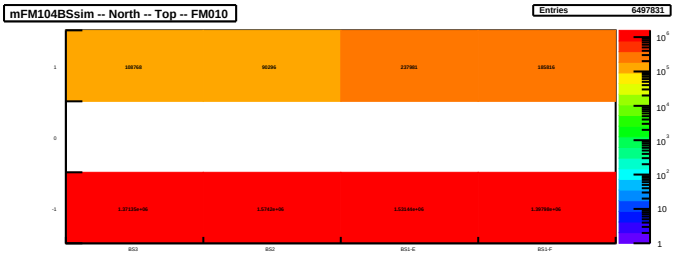

mFM104J -- South -- Top/Side -- FM009
Entries 7918084
J(23)

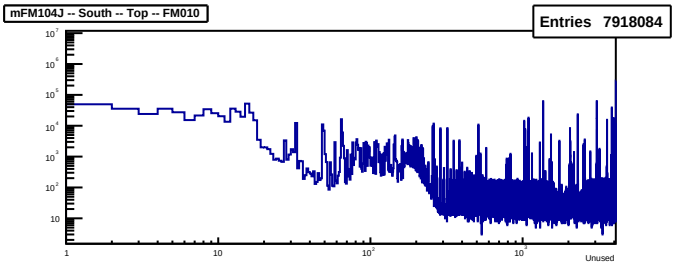

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1972573
J(23)

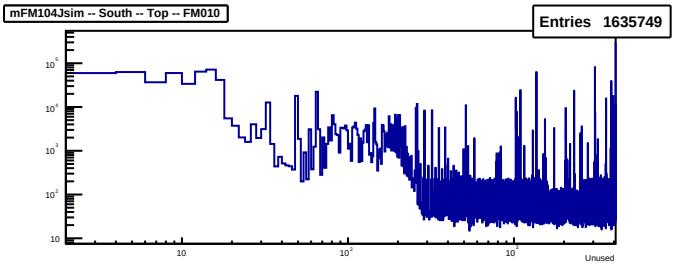

mFM104JP -- South -- Top/Side -- FM009
Entries 1.583617e+07
JP-GH
JP-IJ

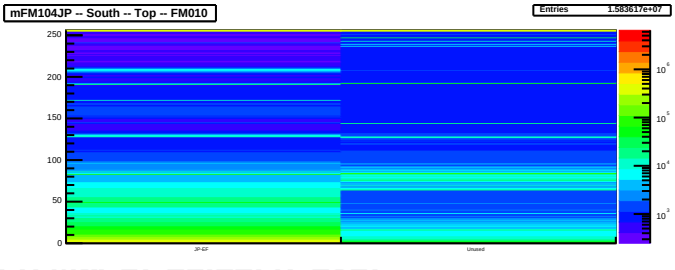

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3932398
JP-GH
JP-IJ

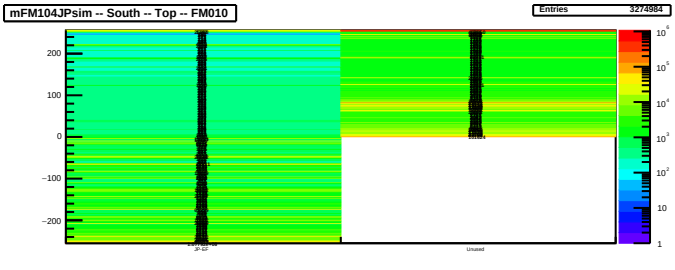

mFM104BS -- North -- Top -- FM010
Entries 3.167234e+07
BS3
BS2
BS1-E
BS1-F

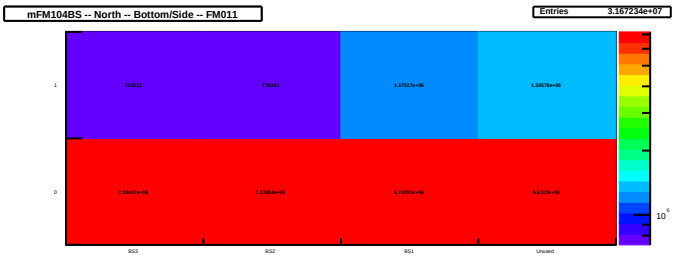

mFM104BSsim -- North -- Top -- FM010
Entries 6497831
BS3
BS2
BS1-E
BS1-F

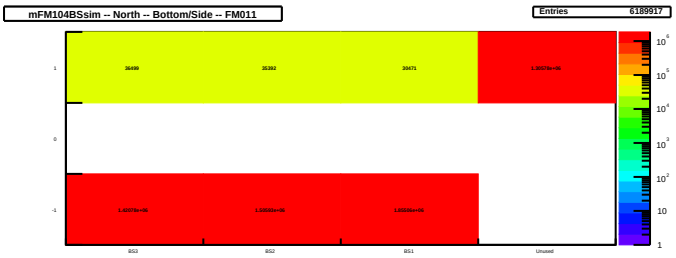

mFM104J -- South -- Top -- FM010
Entries 7918084
Unused

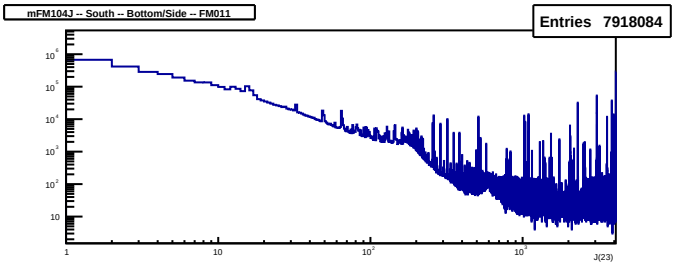

mFM104Jsim -- South -- Top -- FM010
Entries 1635749
Unused

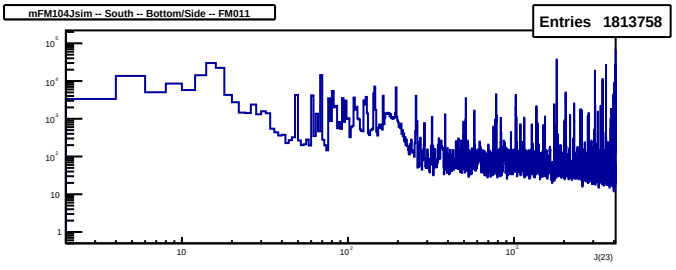

mFM104JP -- South -- Top -- FM010
Entries 1.583617e+07
JP-EF
Unused

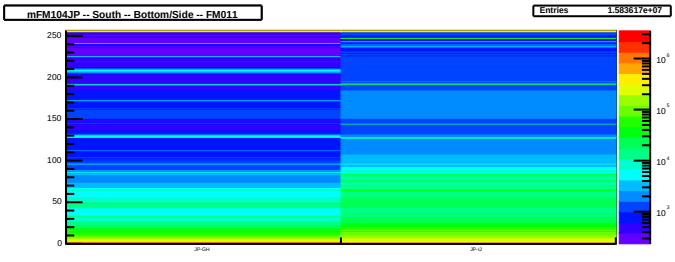

mFM104JPsim -- South -- Top -- FM010
Entries 3274984
JP-EF
Unused

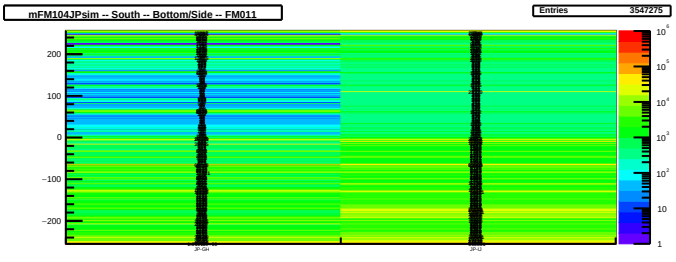

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3.167234e+07

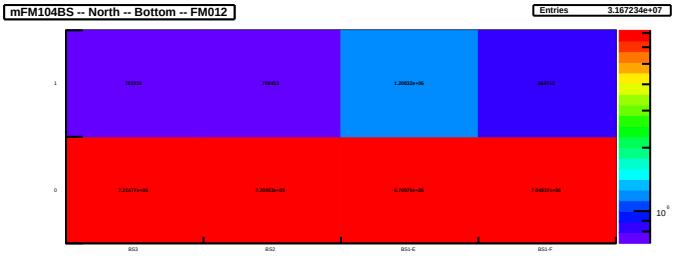

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 6189917

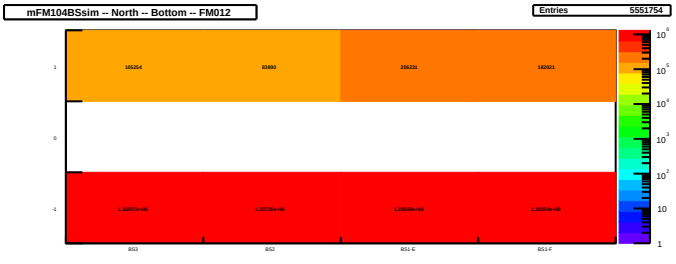

mFM104J -- South -- Bottom/Side -- FM011
Entries 7918084
J(23)

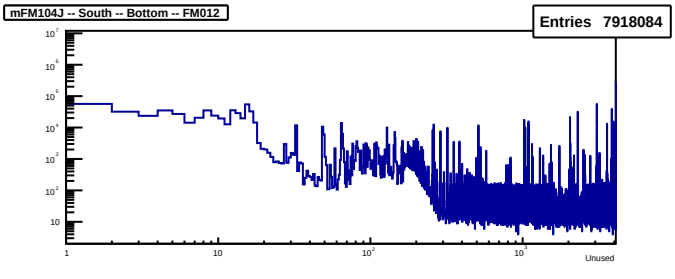

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1813758
J(23)

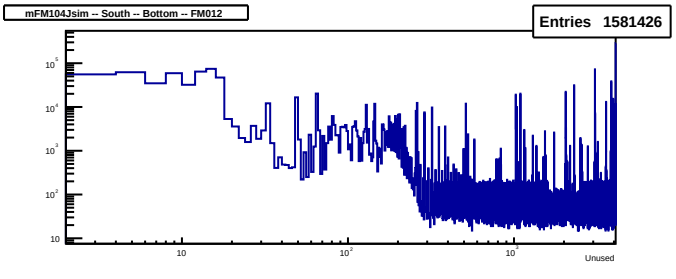

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.583617e+07

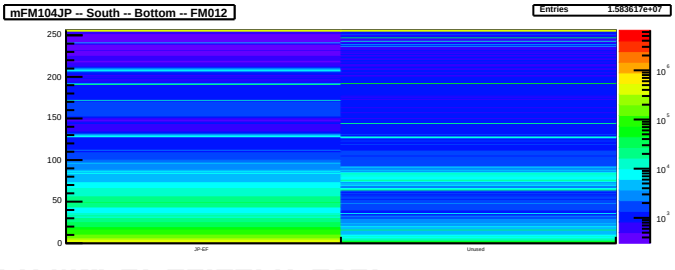

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3547275

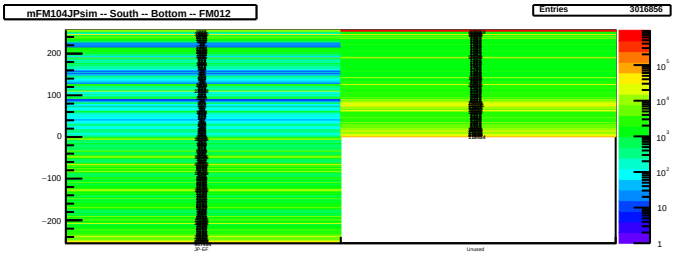

mFM104BS -- North -- Bottom -- FM012
Entries 3.167234e+07

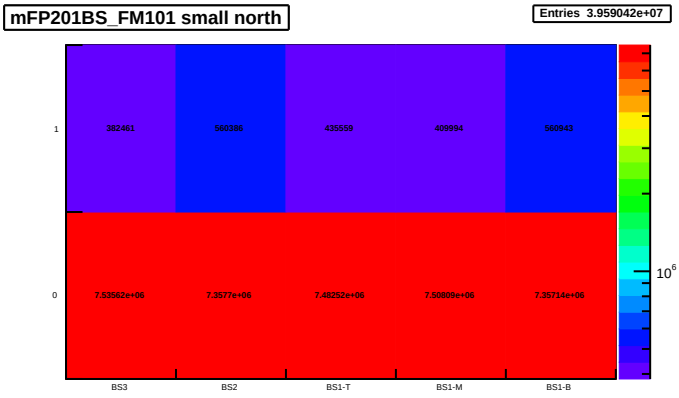

mFM104BSsim -- North -- Bottom -- FM012
Entries 5551754

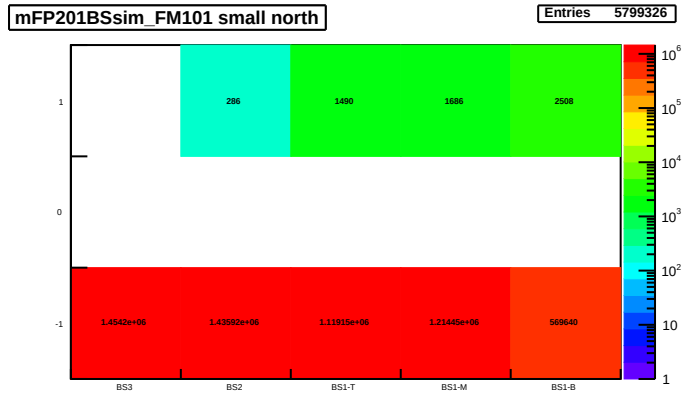

mFM104J -- South -- Bottom -- FM012
Entries 7918084
Unused

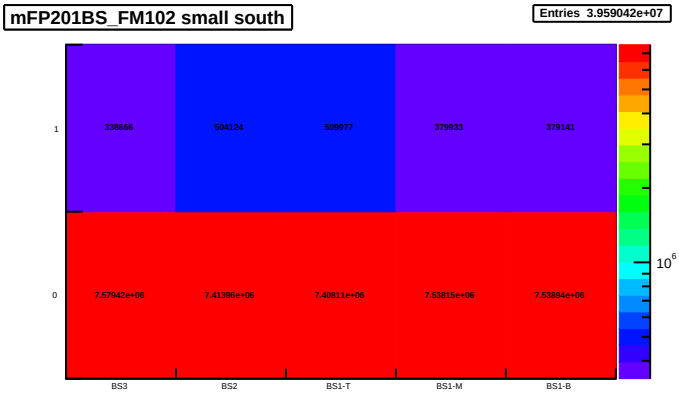

mFM104Jsim -- South -- Bottom -- FM012
Entries 1581426
Unused

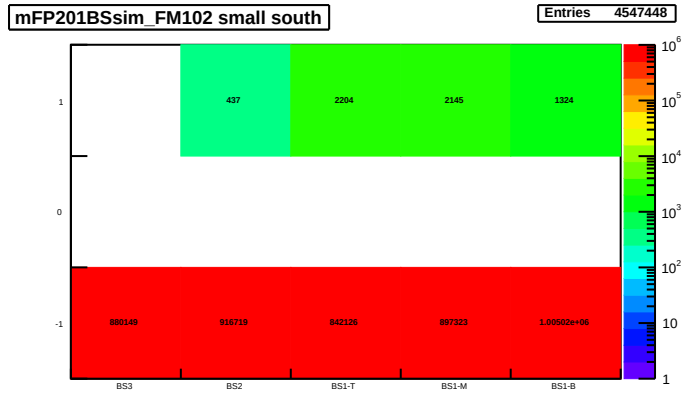

mFM104JP -- South -- Bottom -- FM012
Entries 1.583617e+07

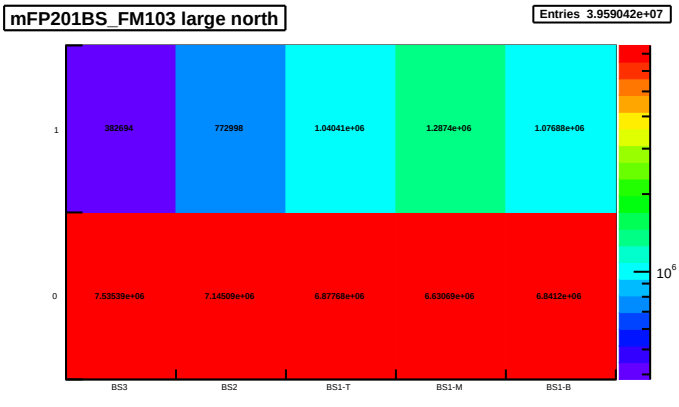

mFM104JPsim -- South -- Bottom -- FM012
Entries 3016856

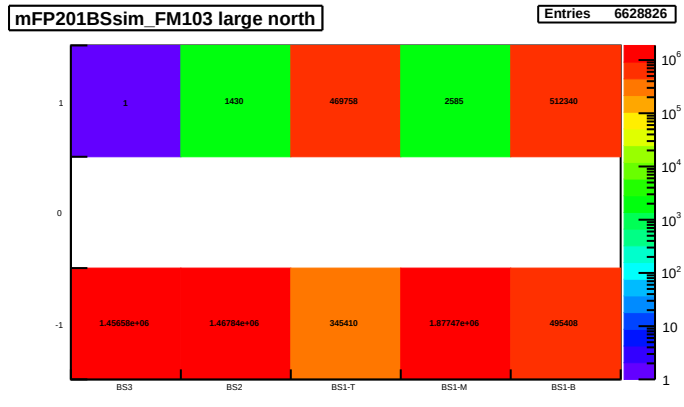

mFP201BS_FM101 small north
Entries 3.959042e+07
382461
560386
435559
409994
560943
7.53562e+06
7.3577e+06
7.48252e+06
7.50809e+06
7.35714e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

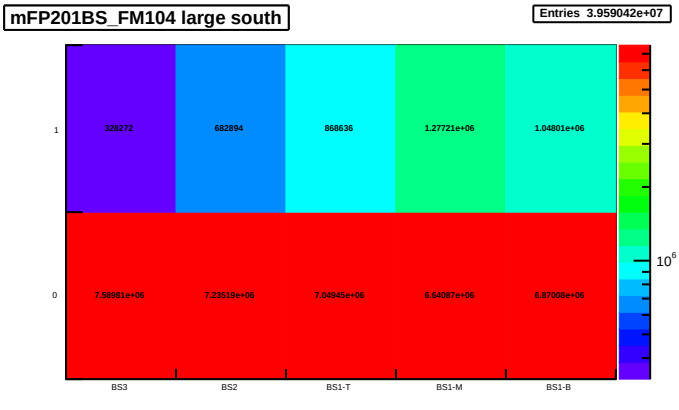

mFP201BSsim_FM101 small north
Entries 5799326
286
1490
1686
2508
1.4542e+06
1.43592e+06
1.11915e+06
1.21445e+06
569640
BS3
BS2
BS1-T
BS1-M
BS1-B

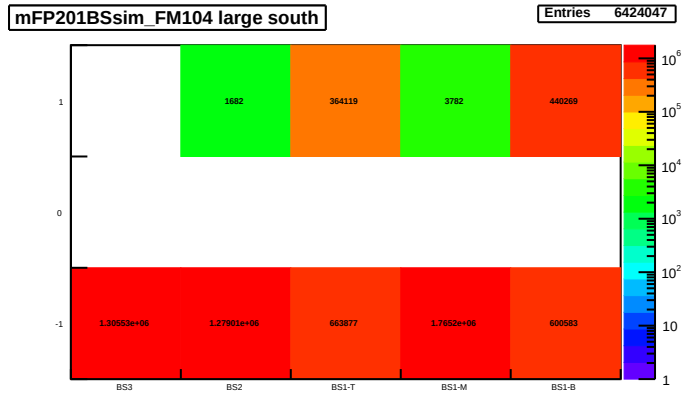

mFP201BS_FM102 small south
Entries 3.959042e+07
338666
504124
509977
379933
379141
7.57942e+06
7.41396e+06
7.40811e+06
7.53815e+06
7.53894e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

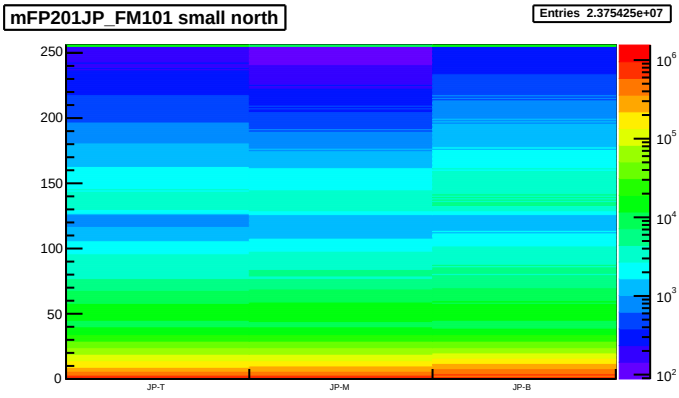

mFP201BSsim_FM102 small south
Entries 4547448
437
2204
2145
1324
880149
916719
842126
897323
1.00502e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

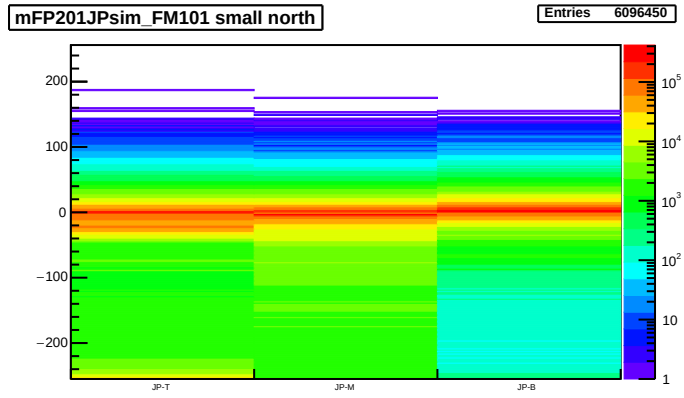

mFP201BS_FM103 large north
Entries 3.959042e+07
382694
772998
1.04041e+06
1.2874e+06
1.07688e+06
7.53539e+06
7.14509e+06
6.87768e+06
6.63069e+06
6.8412e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

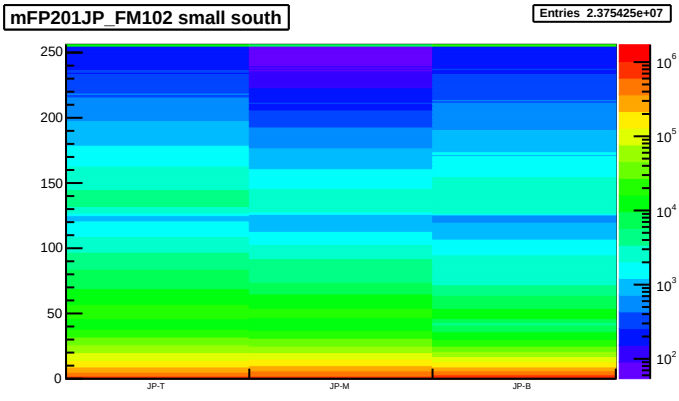

mFP201BSsim_FM103 large north
Entries 6628826
1
1430
469758
2585
512340
1.45658e+06
1.46784e+06
345410
1.87747e+06
495408
BS3
BS2
BS1-T
BS1-M
BS1-B

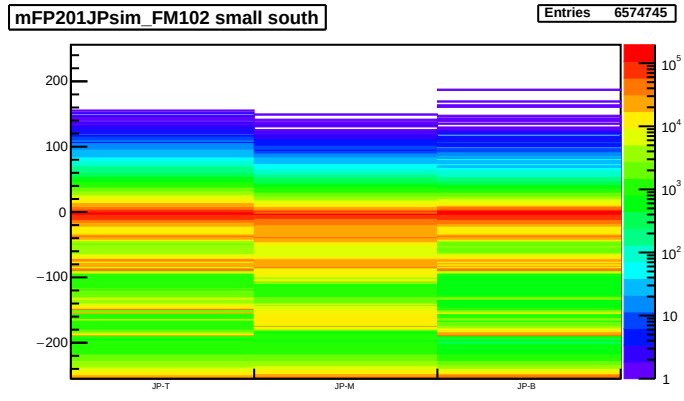

mFP201BS_FM104 large south
Entries 3.959042e+07
328272
682894
868636
1.27721e+06
1.04801e+06
7.58981e+06
7.23519e+06
7.04945e+06
6.64087e+06
6.87008e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

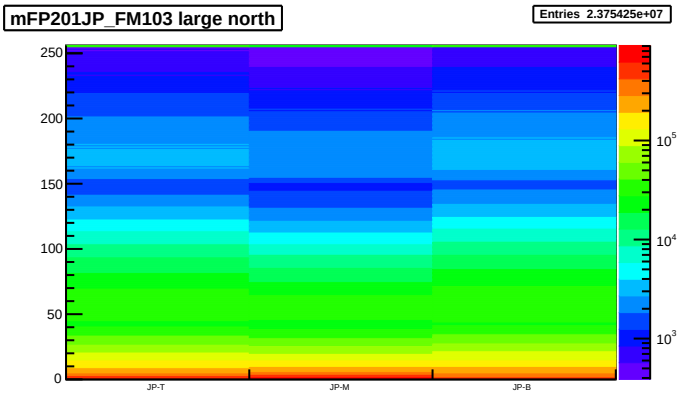

mFP201BSsim_FM104 large south
Entries 6424047
1682
364119
3782
440269
1.30553e+06
1.27901e+06
663877
1.7652e+06
600583
BS3
BS2
BS1-T
BS1-M
BS1-B

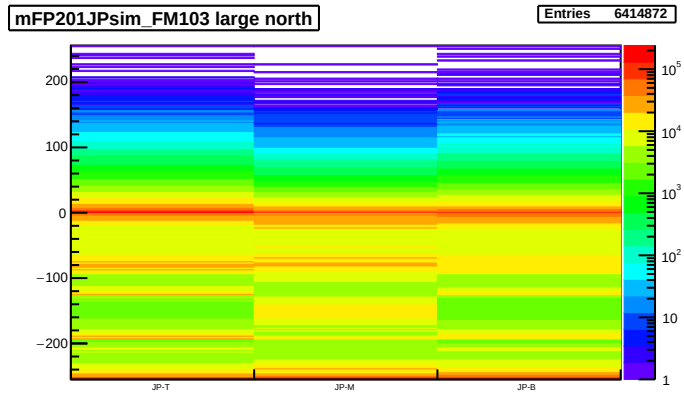

mFP201JP_FM101 small north
Entries 2.375425e+07
JP-T
JP-M
JP-B

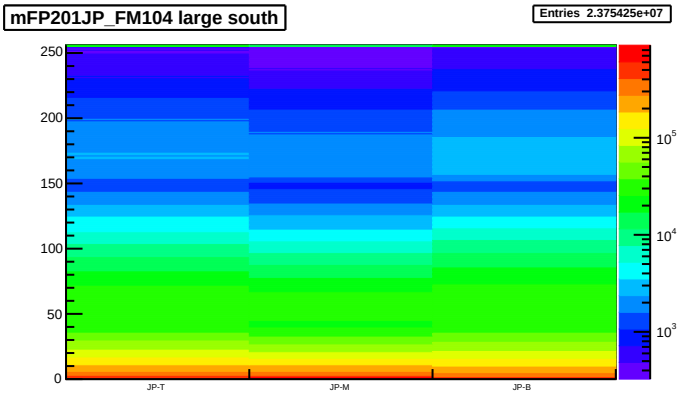

mFP201JPsim_FM101 small north
Entries 6096450
JP-T
JP-M
JP-B

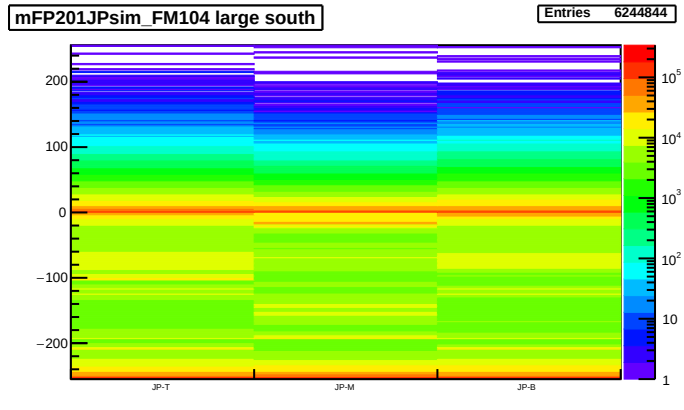

mFP201JP_FM102 small south
Entries 2.375425e+07
JP-T
JP-M
JP-B

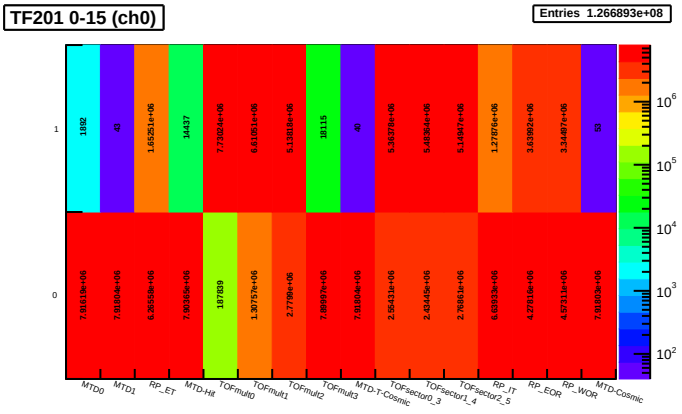

mFP201JPsim_FM102 small south
Entries 6574745
JP-T
JP-M
JP-B

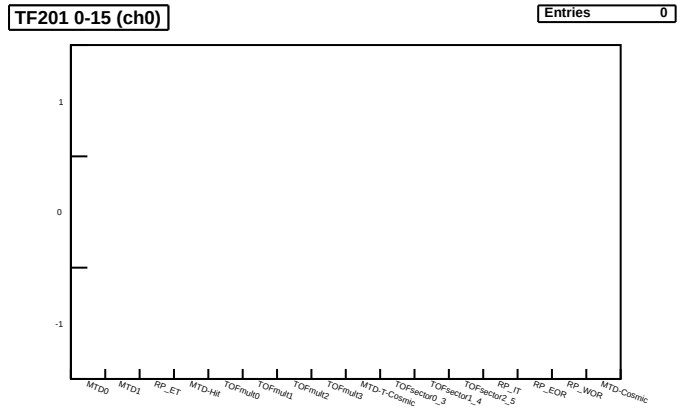

mFP201JP_FM103 large north
Entries 2.375425e+07
JP-T
JP-M
JP-B

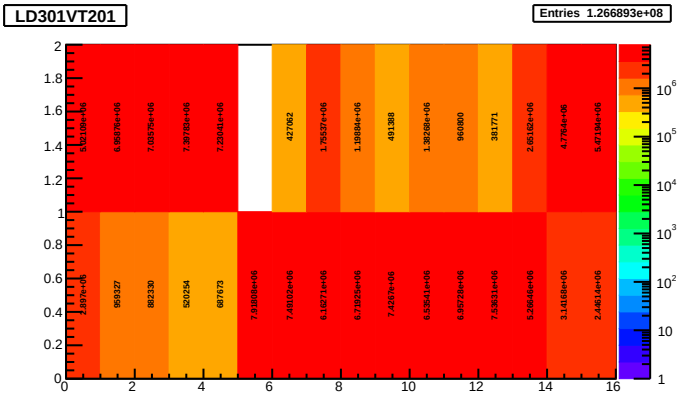

mFP201JPsim_FM103 large north
Entries 6414872
JP-T
JP-M
JP-B

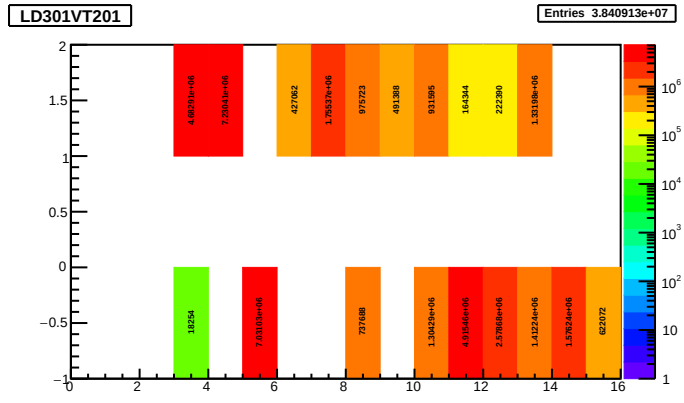

mFP201JP_FM104 large south
Entries 2.375425e+07
JP-T
JP-M
JP-B

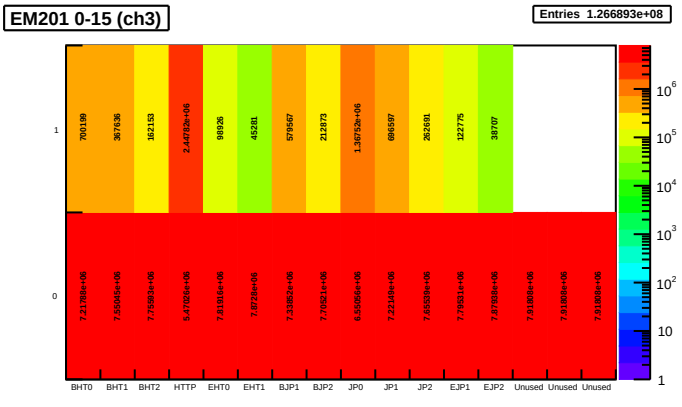

mFP201JPsim_FM104 large south
Entries 6244844
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.266893e+08
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 1.266893e+08


LD301VT201
Entries 3.840913e+07


EM201 0-15 (ch3)
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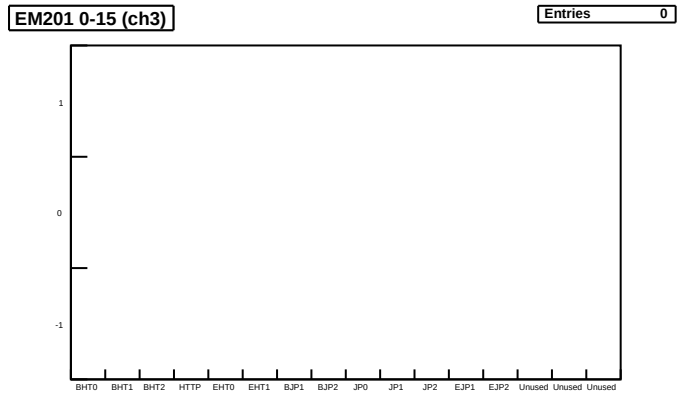
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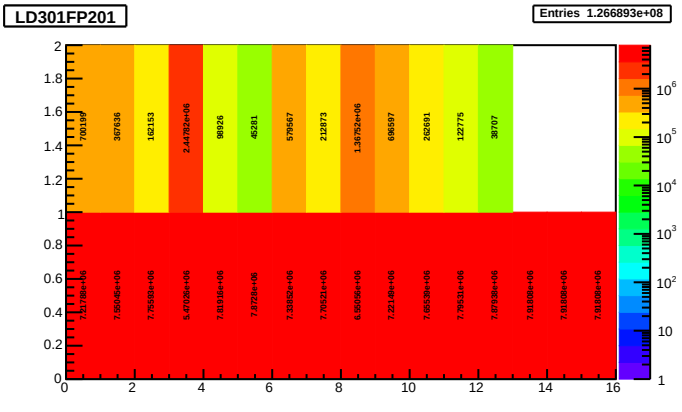
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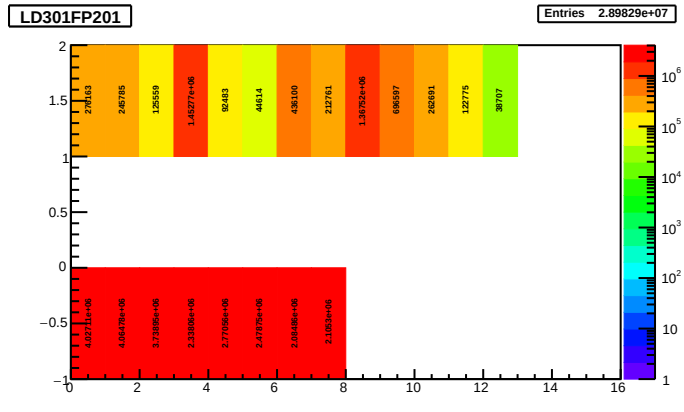
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