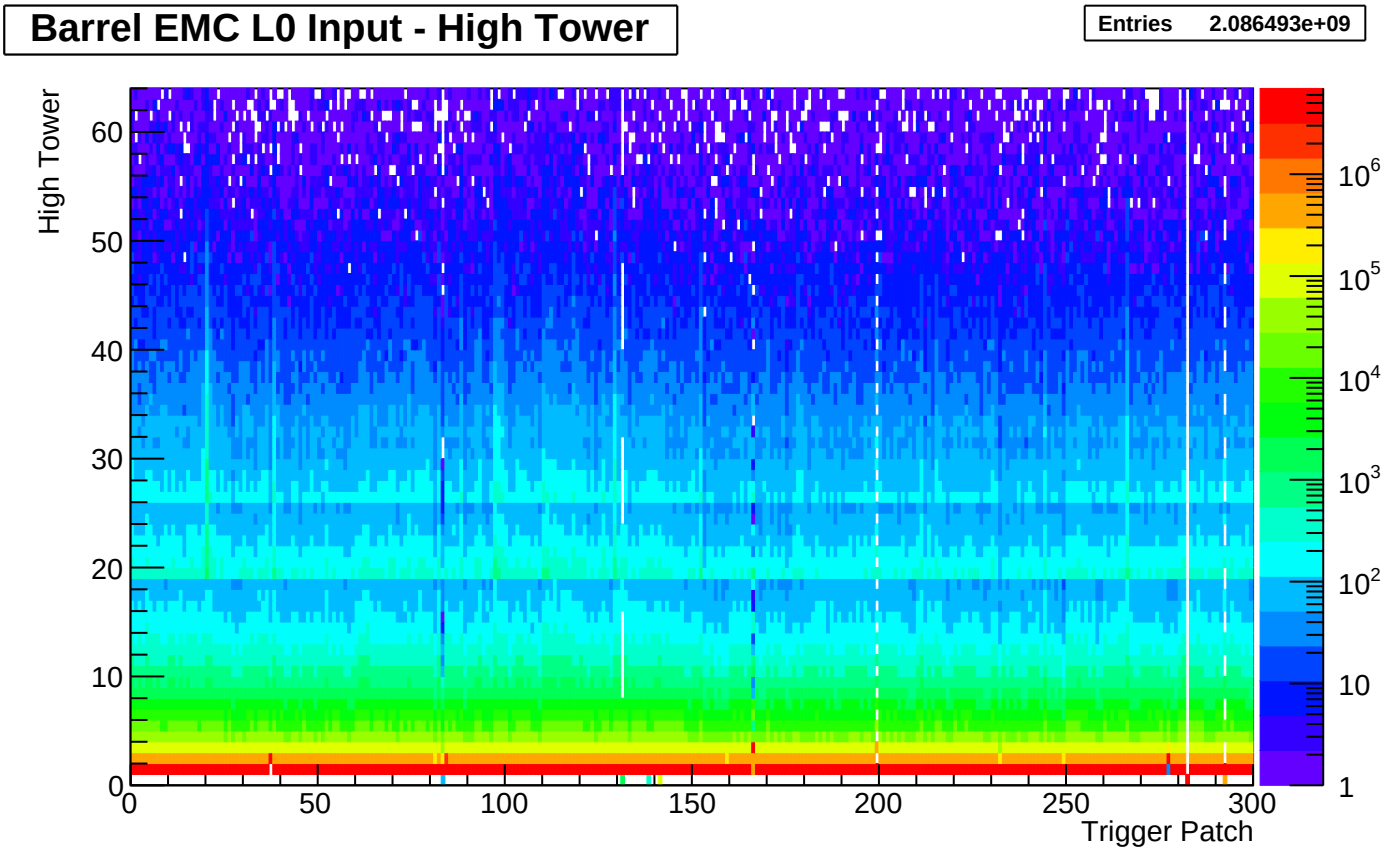
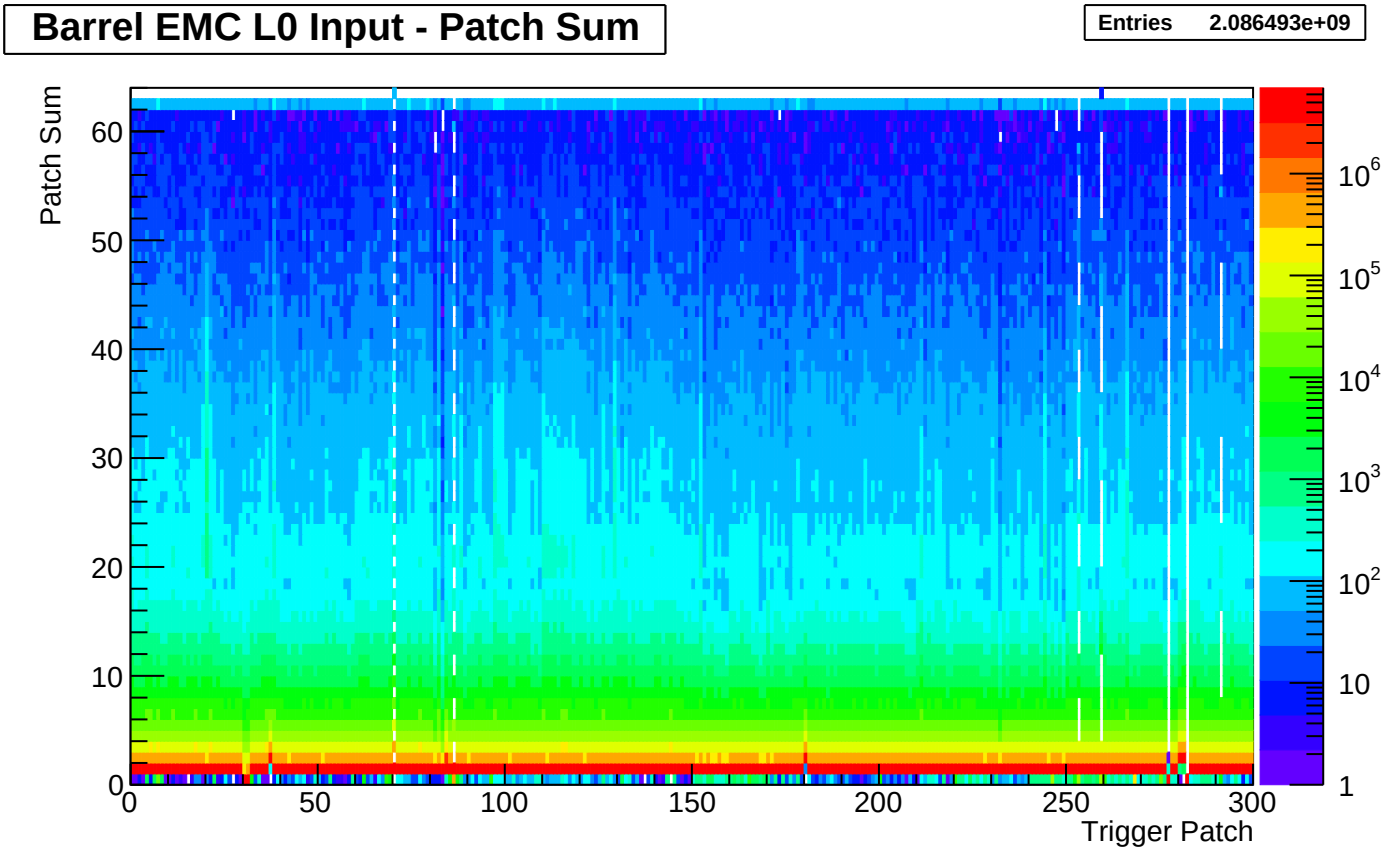
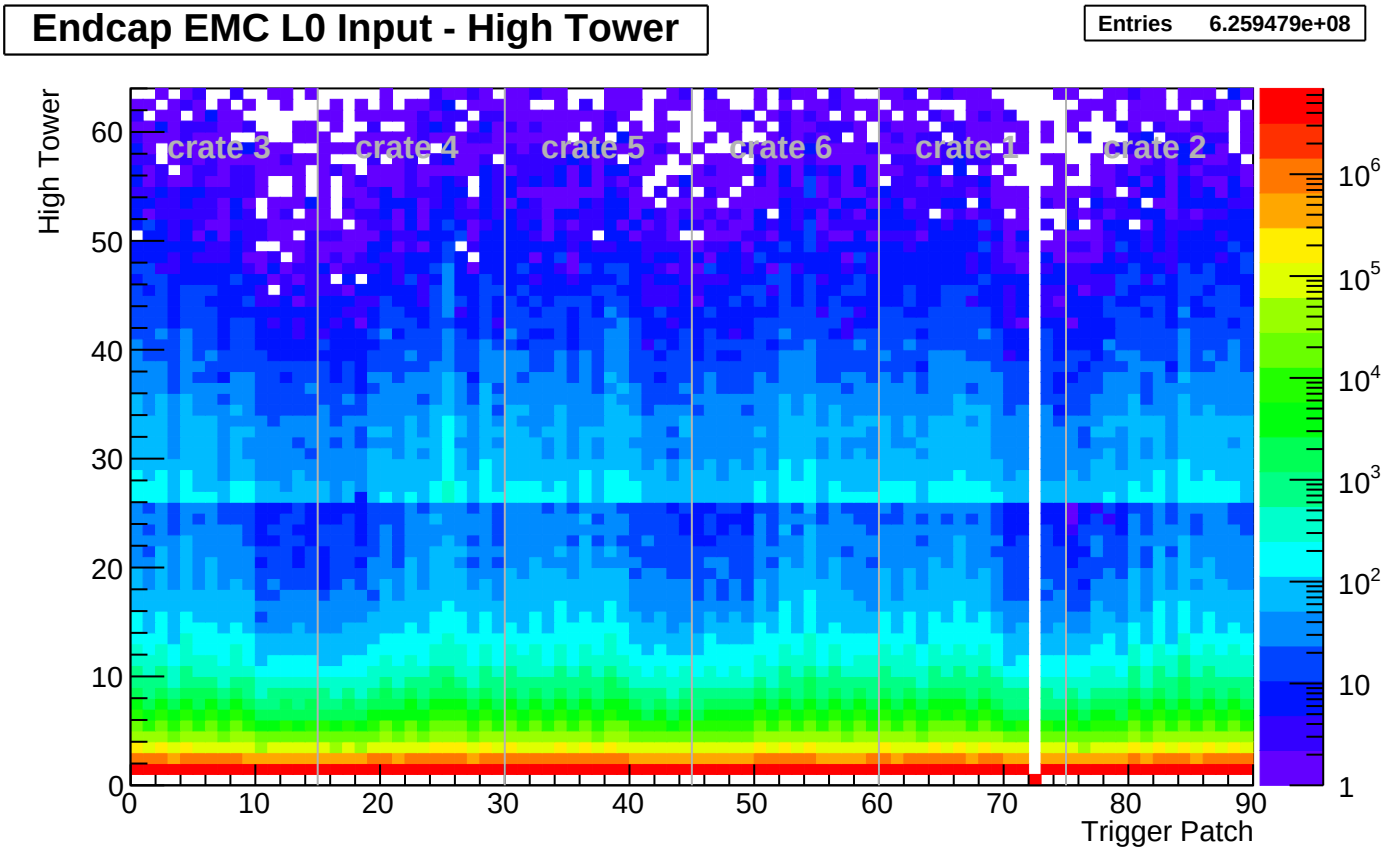
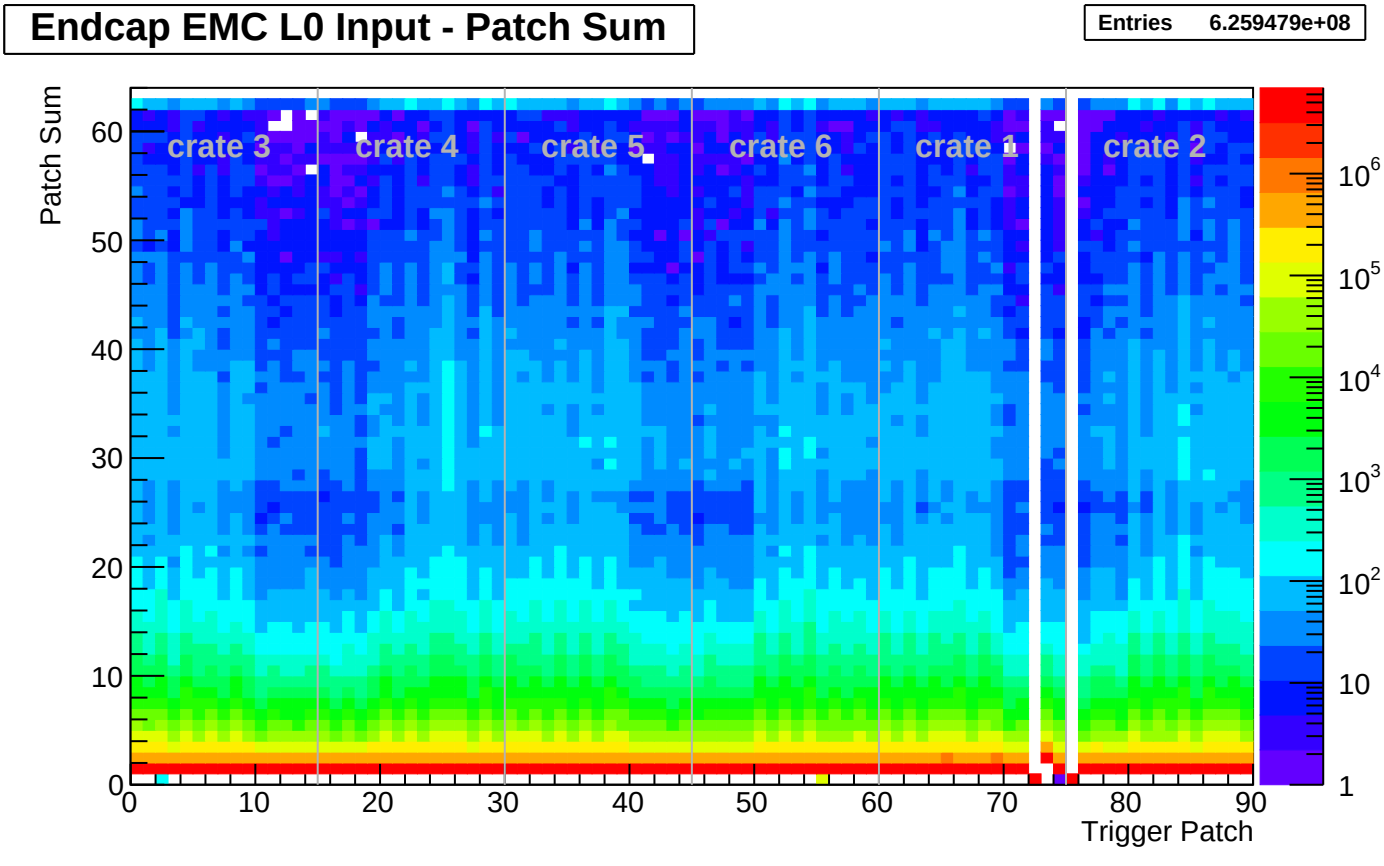
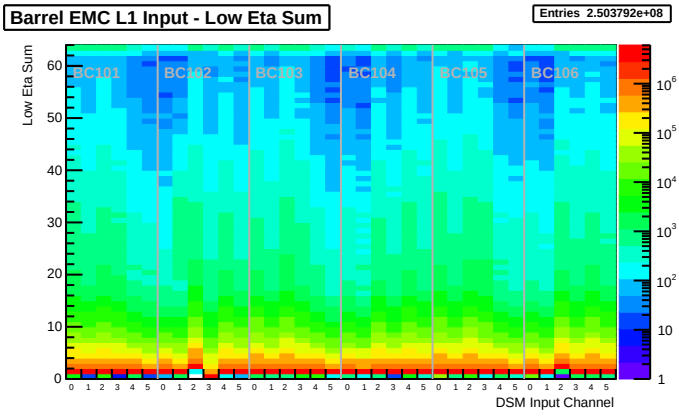
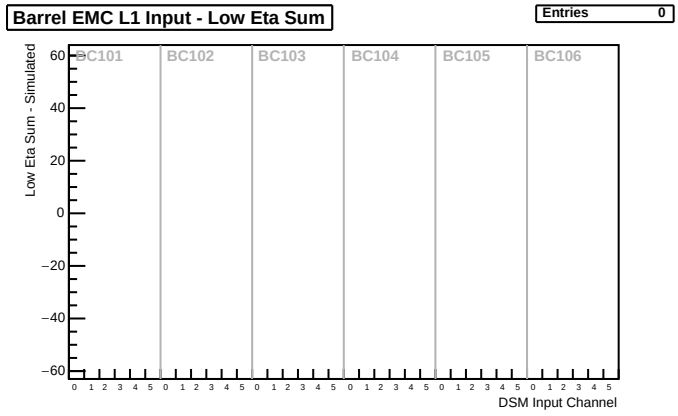

Barrel EMC L0 Input - High Tower
Entries 2.086493e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

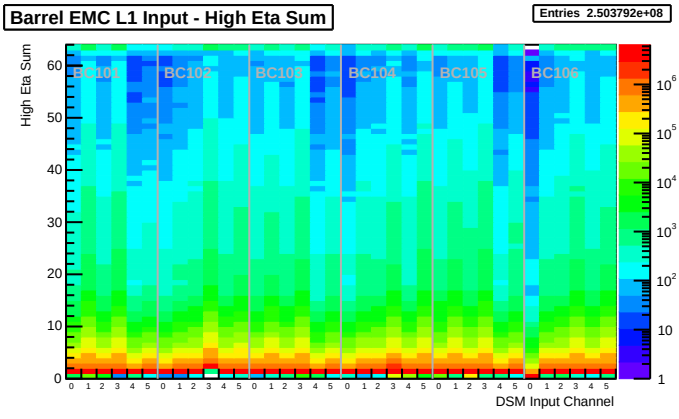

Barrel EMC L0 Input - Patch Sum
Entries 2.086493e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

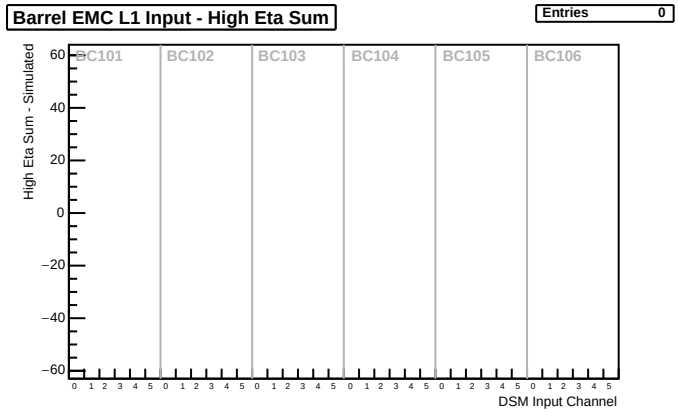

Endcap EMC L0 Input - High Tower
Entries 6.259479e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

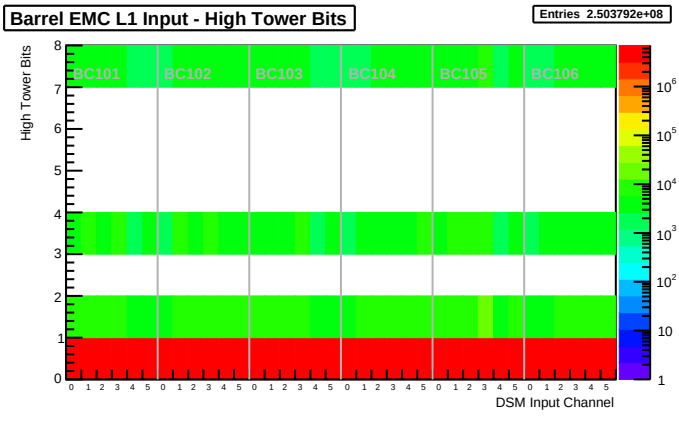

Endcap EMC L0 Input - Patch Sum
Entries 6.259479e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

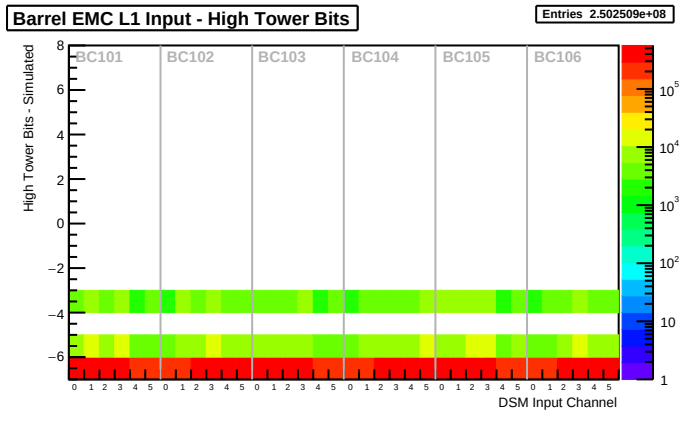

Barrel EMC L1 Input - Low Eta Sum
Entries 2.503792e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

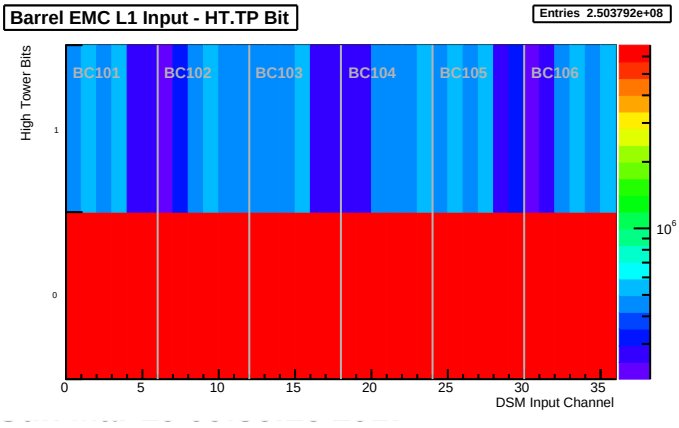

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

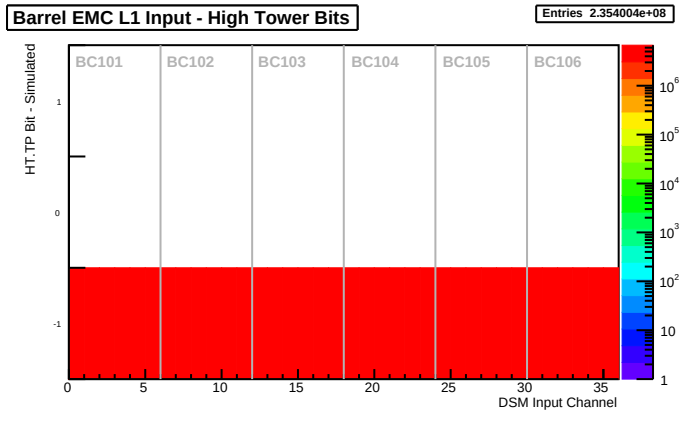

Barrel EMC L1 Input - High Eta Sum
Entries 2.503792e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

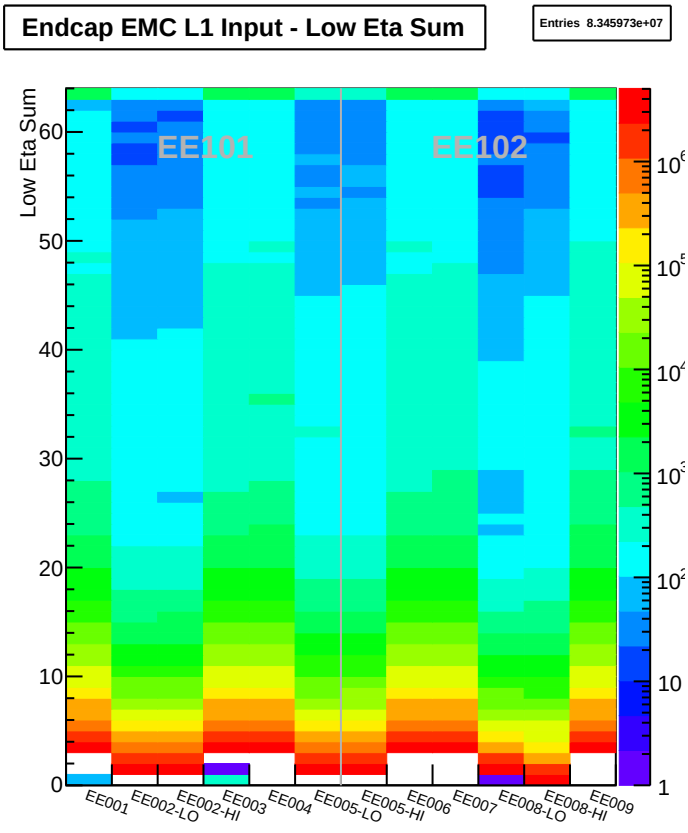

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

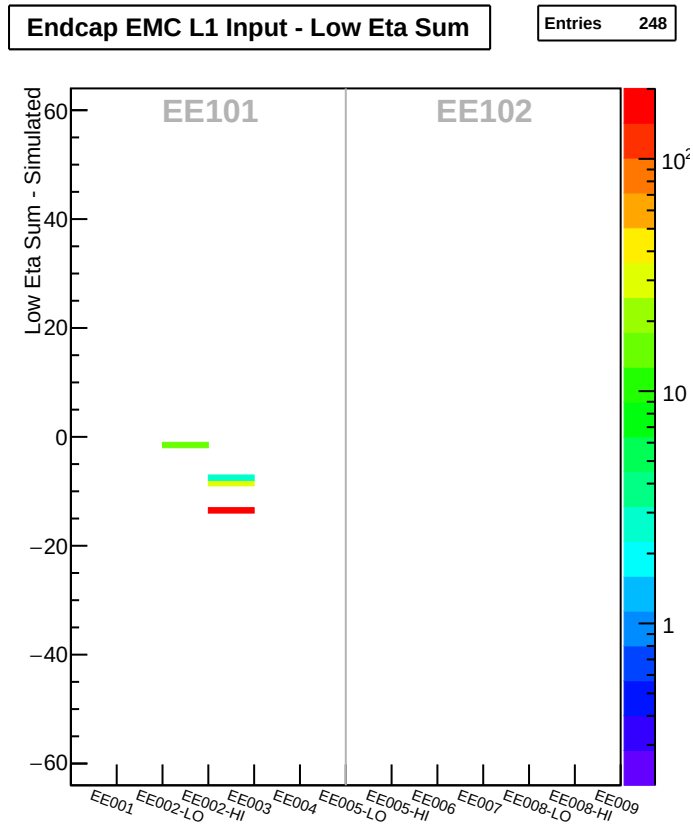

Barrel EMC L1 Input - High Tower Bits
Entries 2.503792e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

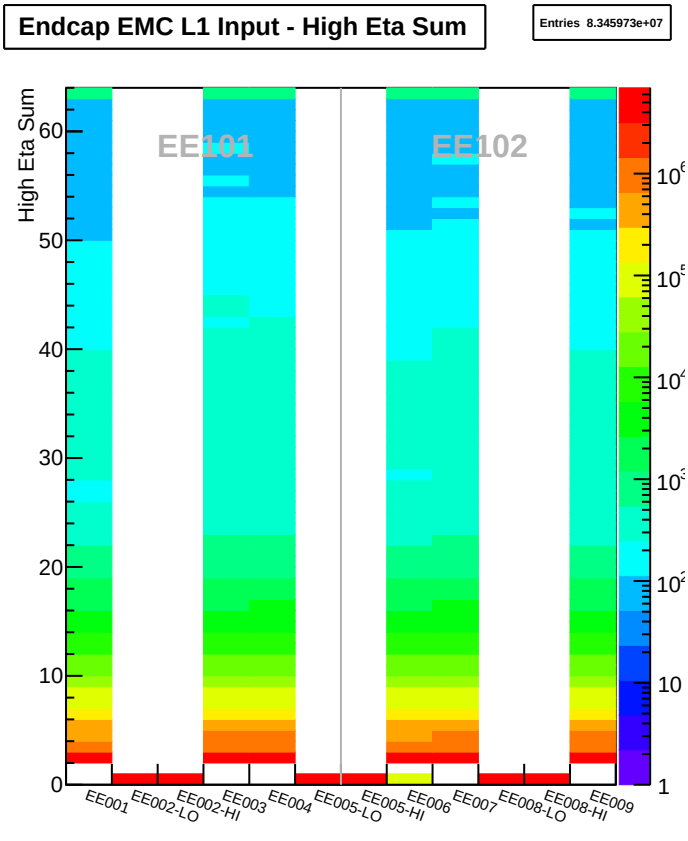

Barrel EMC L1 Input - High Tower Bits
Entries 2.502509e+08
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

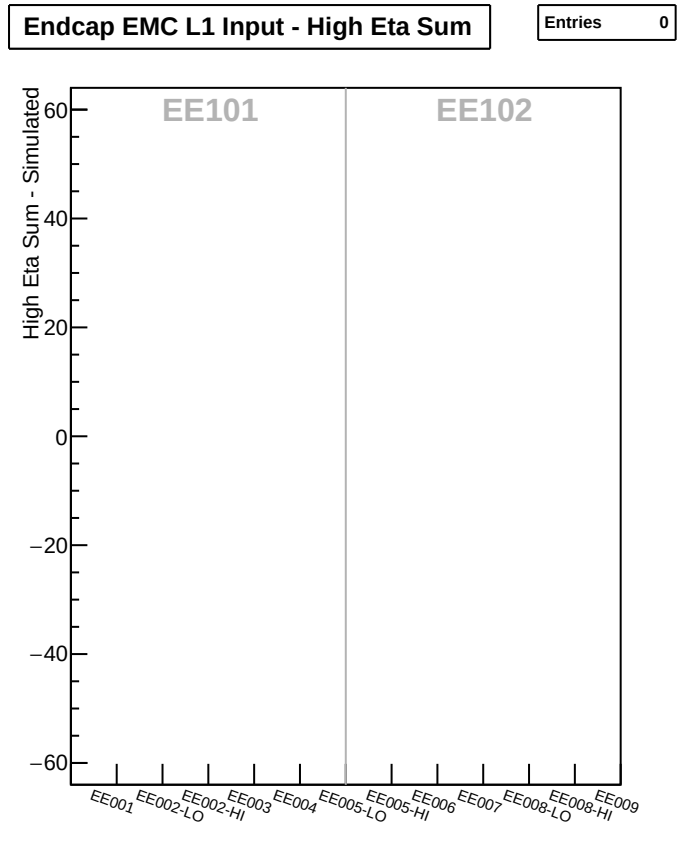

Barrel EMC L1 Input - HT.TP Bit
Entries 2.503792e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106


Barrel EMC L1 Input - High Tower Bits
Entries 2.354004e+08
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

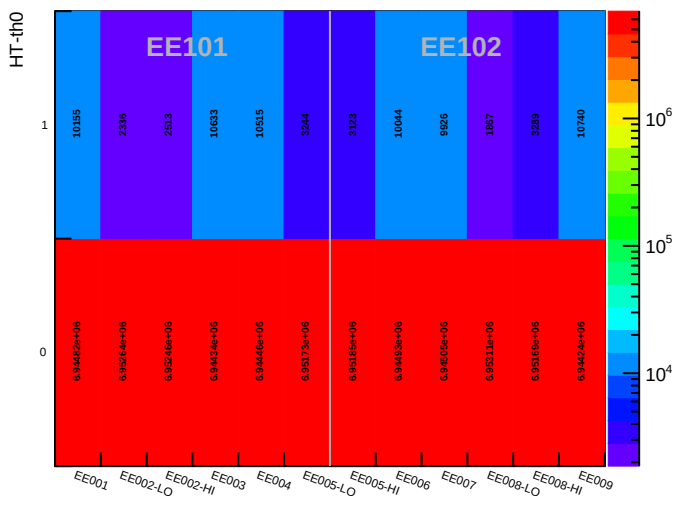

Endcap EMC L1 Input - Low Eta Sum
Entries 8.345973e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 248
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

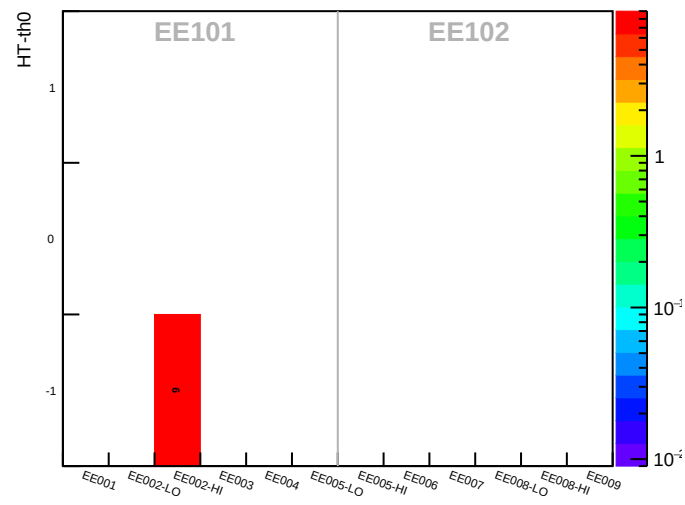

Endcap EMC L1 Input - High Eta Sum
Entries 8.345973e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

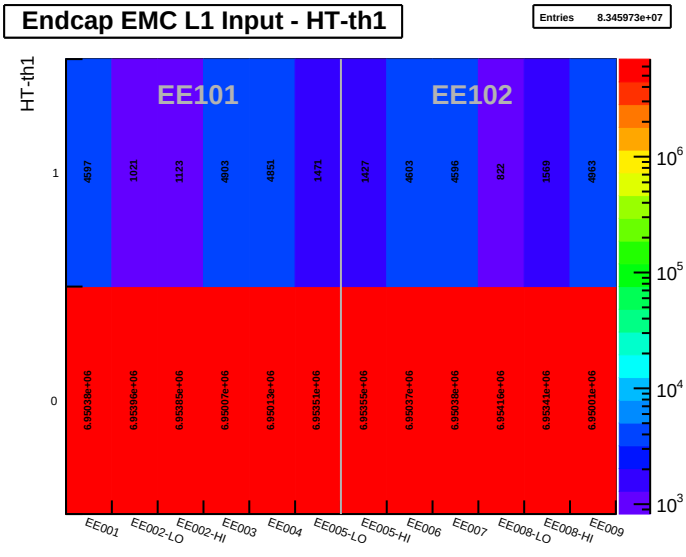
Endcap EMC L1 Input - HT-th0



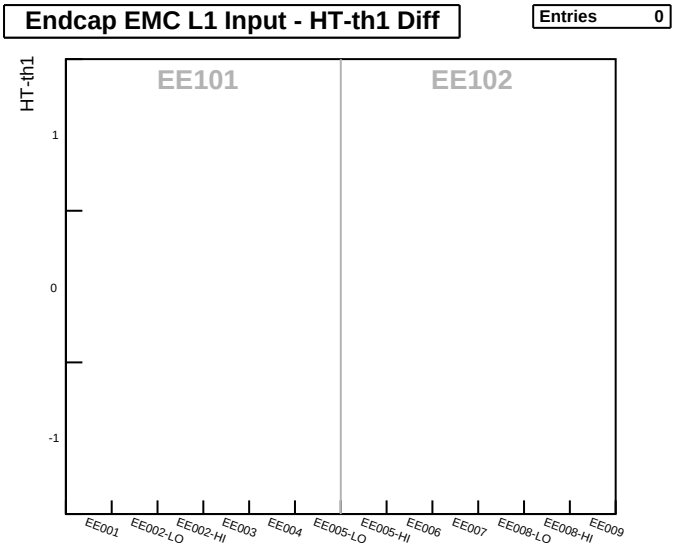
Endcap EMC L1 Input - HT-th0 Diff



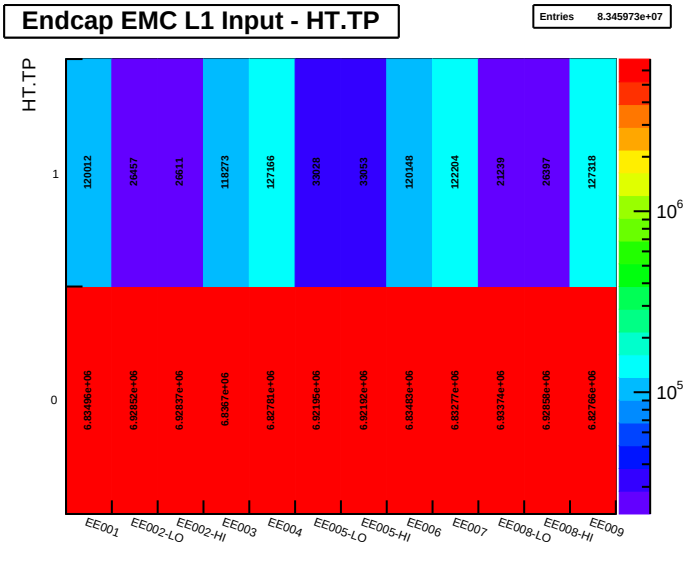
Endcap EMC L1 Input - HT-th1



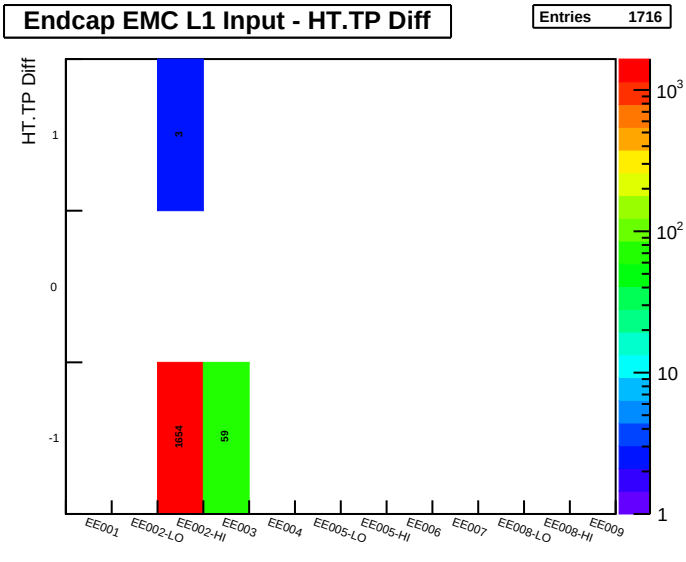
Endcap EMC L1 Input - HT-th1 Diff

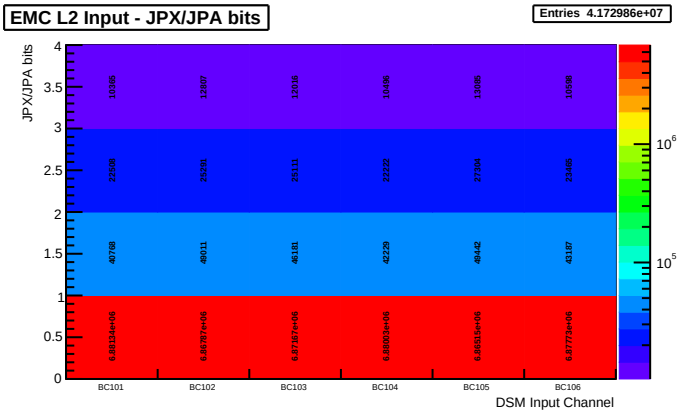


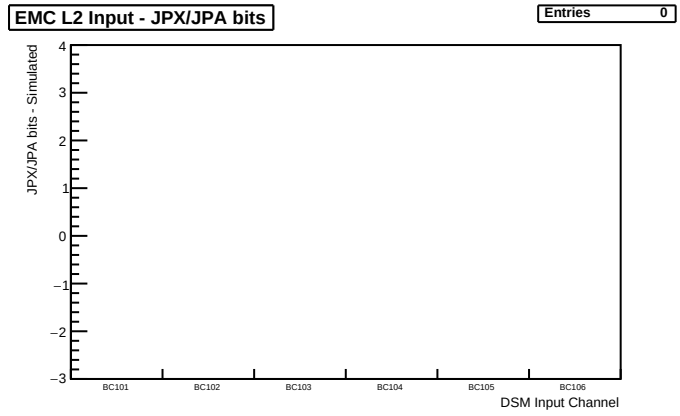
Endcap EMC L1 Input - HT.TP

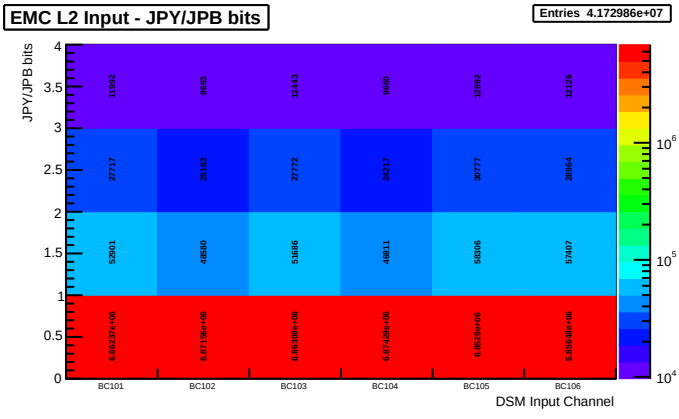


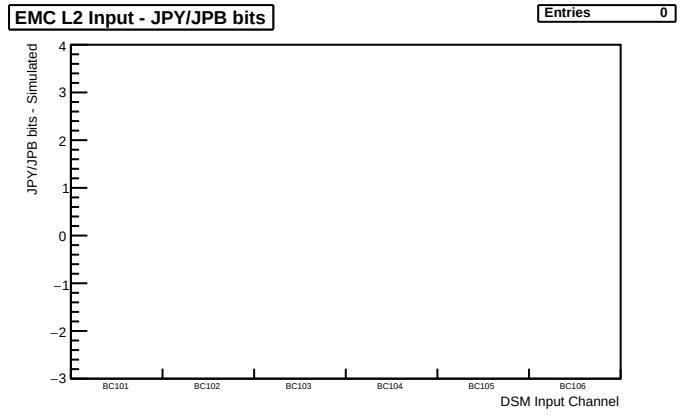
Endcap EMC L1 Input - HT.TP Diff

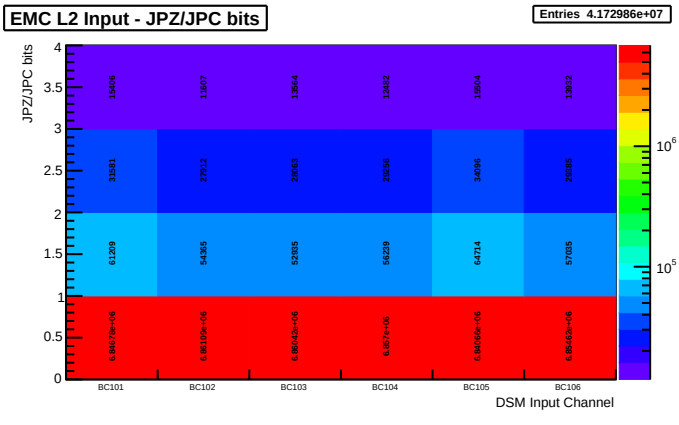


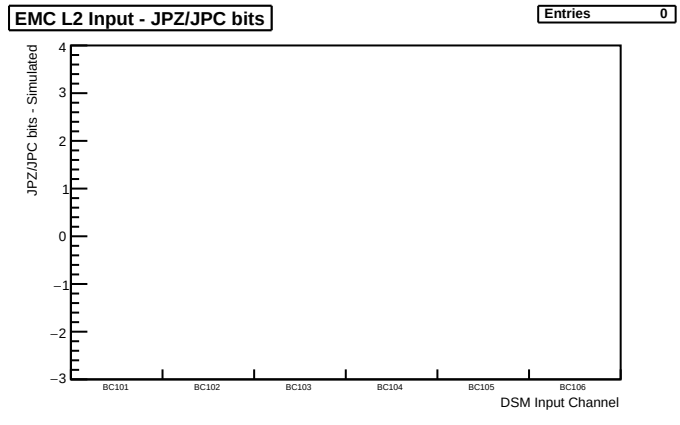

EMC L2 Input - JPX/JPA bits
Entries 4.172986e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10365
12807
12018
10496
13085
10598
22548
25291
25111
22222
27204
23465
40768
49011
46181
42229
49442
43187
6.88314e+06
6.86787e+06
6.87167e+06
6.88003e+06
6.86515e+06
6.87773e+06

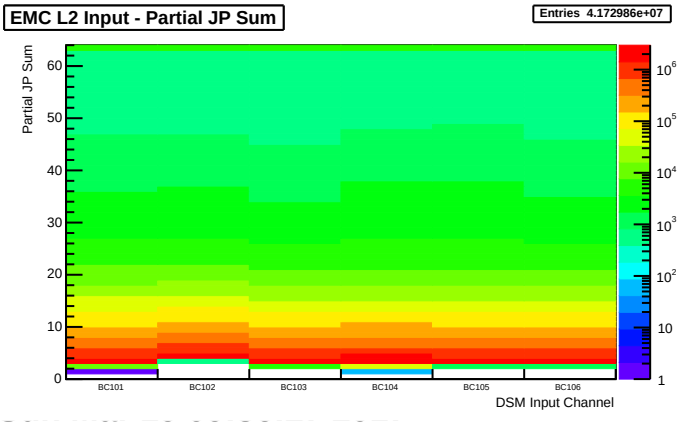

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

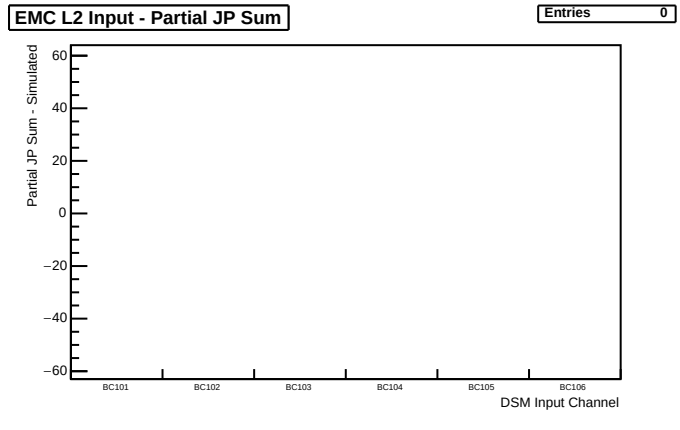

EMC L2 Input - JPY/JPB bits
Entries 4.172986e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11992
9653
12443
9660
12992
12126
27717
25182
27772
24217
30777
28964
52901
48580
51696
46811
58106
57407
6.86237e+06
6.87156e+06
6.86308e+06
6.87429e+06
6.8529e+06
6.85482e+06

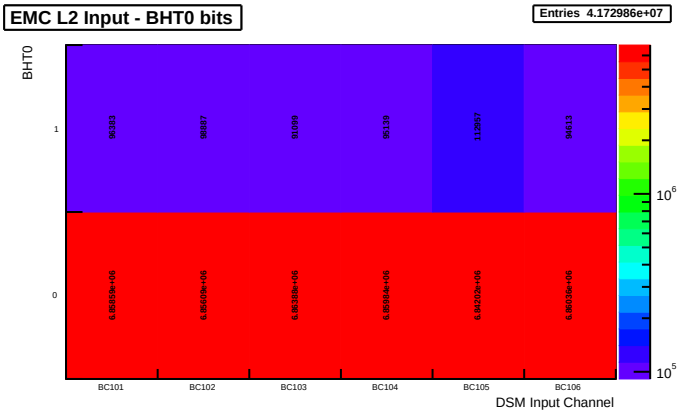

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

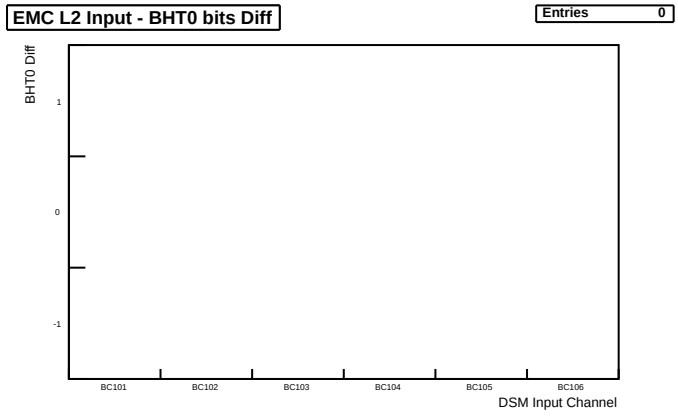

EMC L2 Input - JPZ/JPC bits
Entries 4.172986e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15406
11607
13854
12432
15904
13832
31581
27912
28863
29356
34096
28885
61209
54365
52935
56239
64714
57035
6.84678e+06
6.85109e+06
6.86042e+06
6.857e+06
6.84056e+06
6.85462e+06

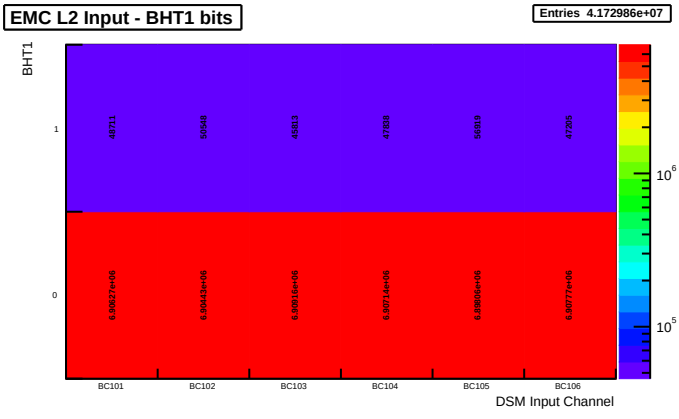

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

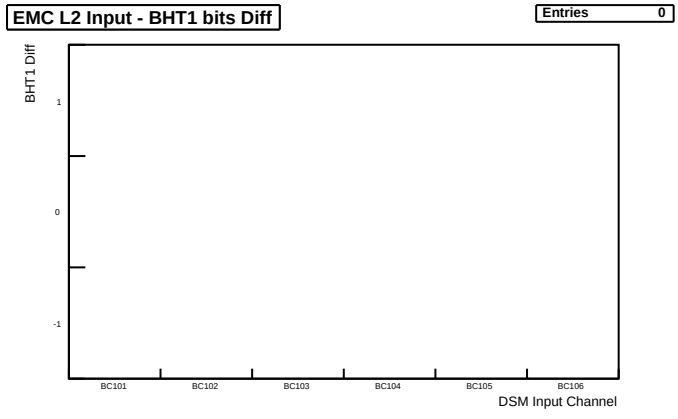

EMC L2 Input - Partial JP Sum
Entries 4.172986e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

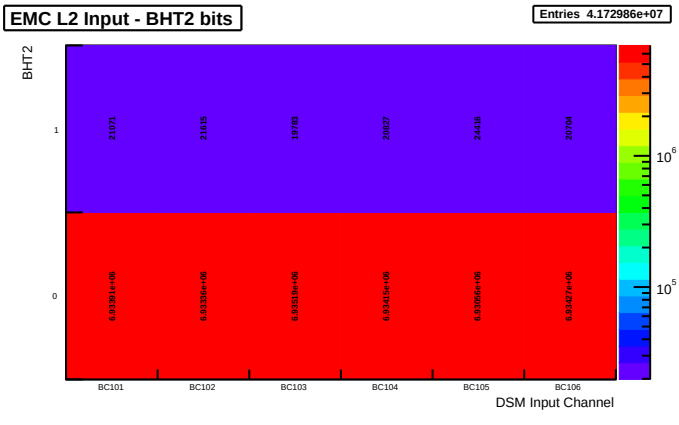

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

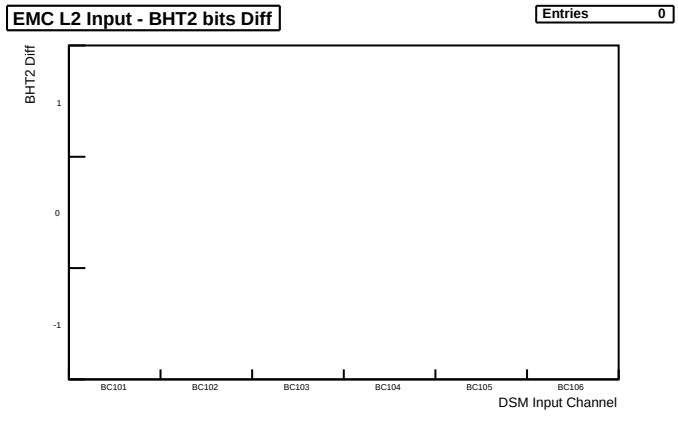

EMC L2 Input - BHT0 bits
Entries 4.172986e+07
BHT0
96383
98887
91099
95139
112957
94613
6.83859e+06
6.85609e+06
6.86389e+06
6.85898e+06
6.84202e+06
6.86036e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

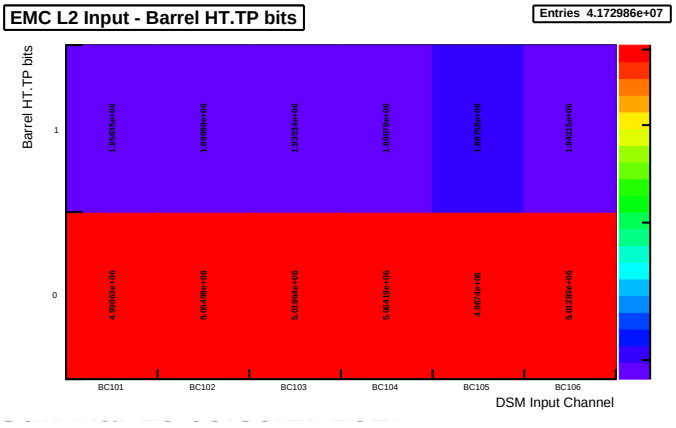

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

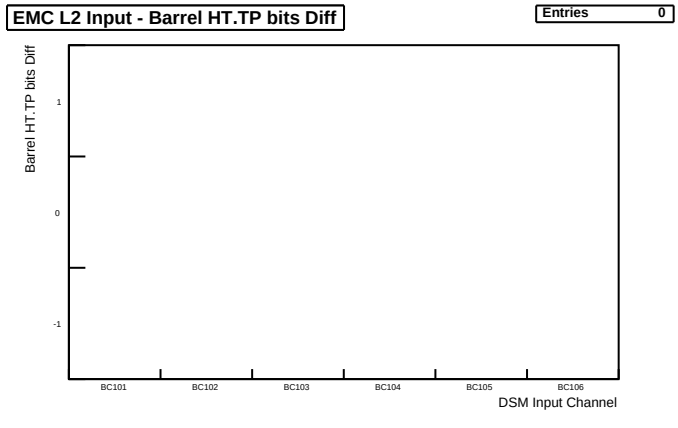

EMC L2 Input - BHT1 bits
Entries 4.172986e+07
BHT1
43711
50548
45813
47838
56919
47205
6.90027e+06
6.90443e+06
6.90016e+06
6.90714e+06
6.89906e+06
6.90777e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

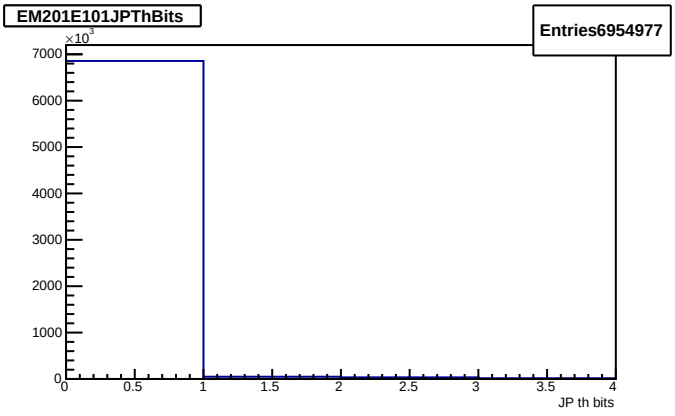

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

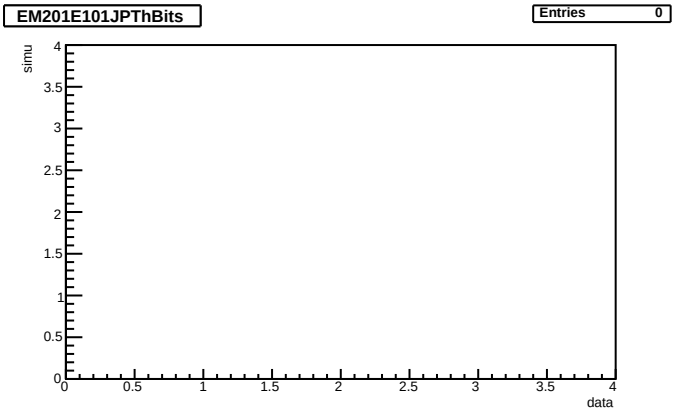

EMC L2 Input - BHT2 bits
Entries 4.172986e+07
BHT2
21071
21515
19783
20827
24415
20704
6.93391e+06
6.93335e+06
6.93519e+06
6.93415e+06
6.93056e+06
6.93427e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

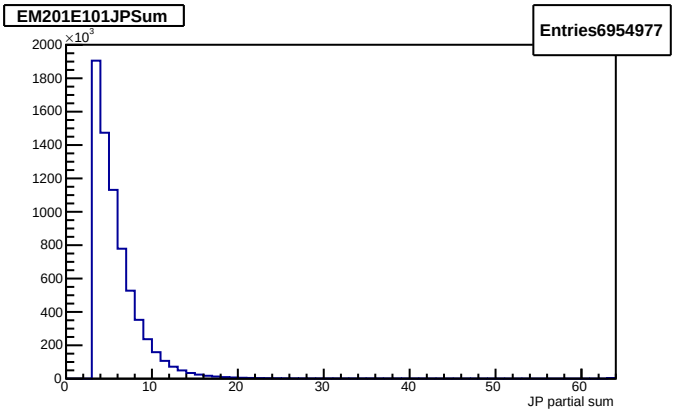

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

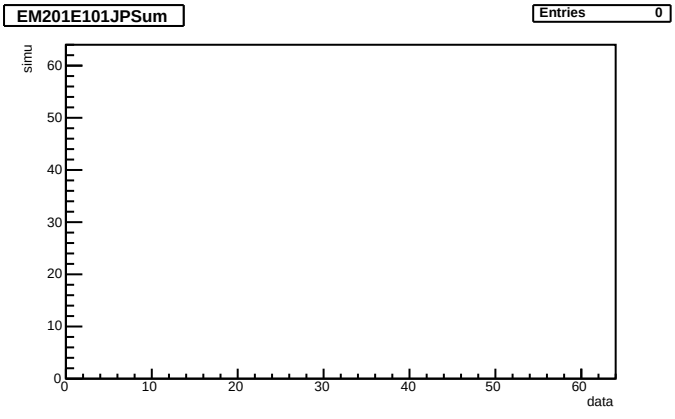

EMC L2 Input - Barrel HT.TP bits
Entries 4.172986e+07
Barrel HT.TP bits
1.95483e+06
1.93999e+06
1.93524e+06
1.93078e+06
1.95759e+06
1.94215e+06
4.99883e+06
5.05499e+06
5.01964e+06
5.06418e+06
4.9574e+06
5.01283e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

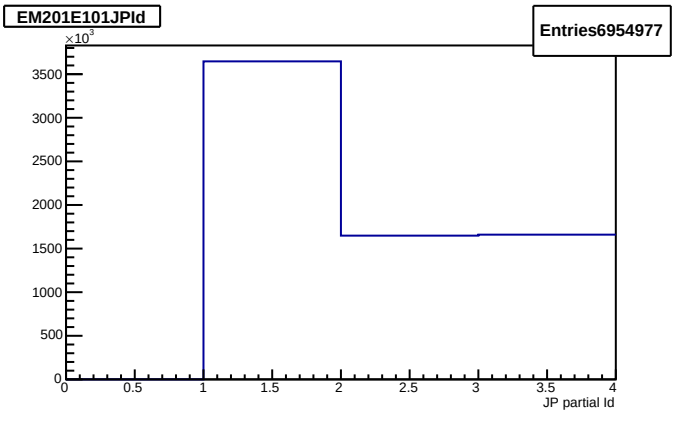

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

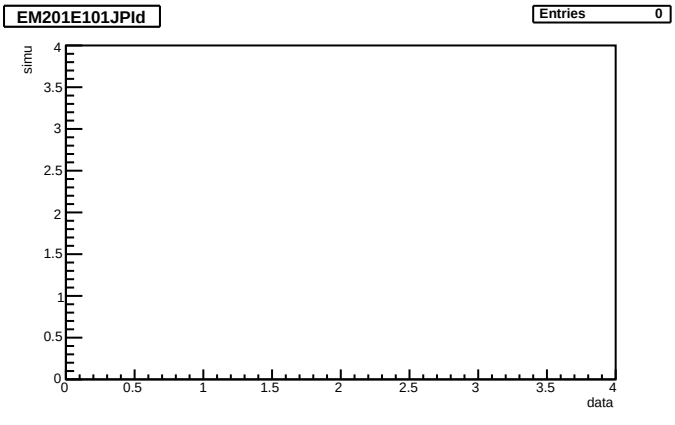

EM201E101JPThBits
Entries6954977
×10^3
JP th bits

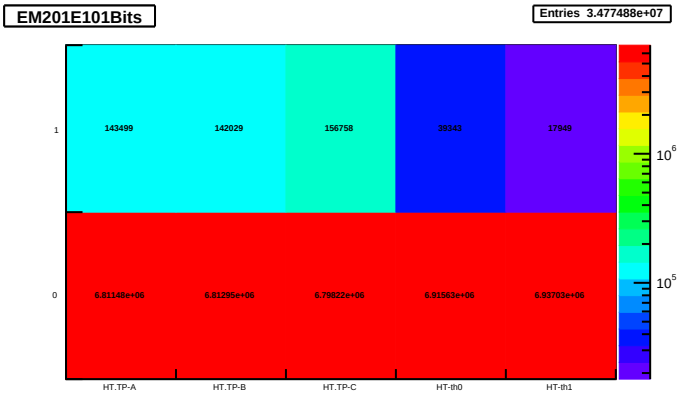

EM201E101JPThBits
Entries 0
simu
data

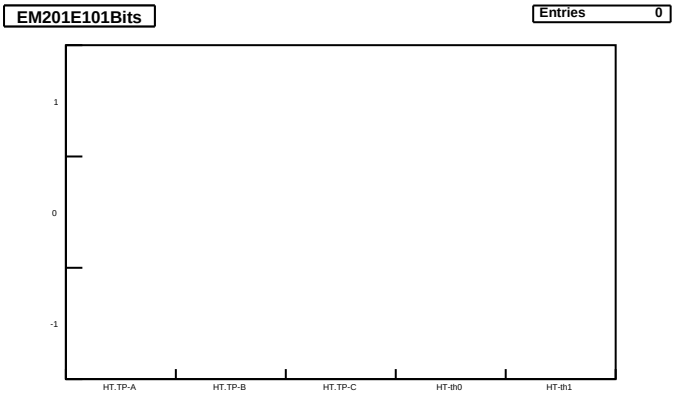

EM201E101JPSum
Entries6954977
×10^3
JP partial sum

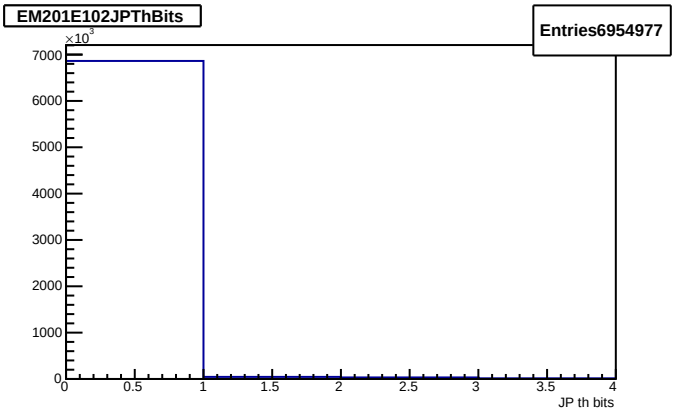

EM201E101JPSum
Entries 0
simu
data

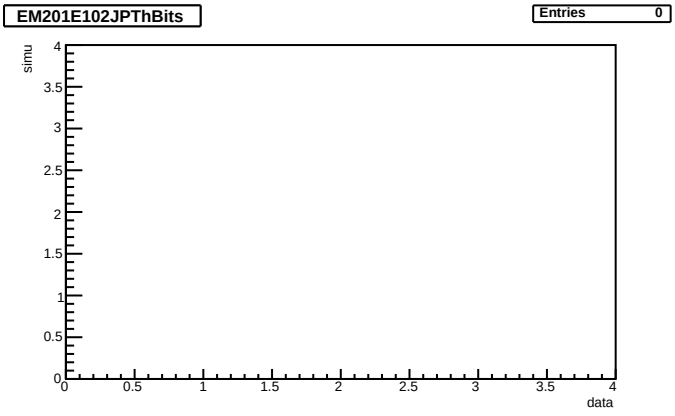

EM201E101JPId
Entries6954977
×10^3
JP partial Id

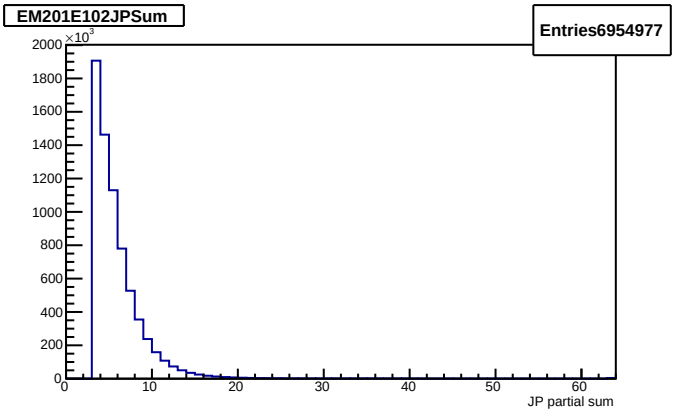

EM201E101JPId
Entries 0
simu
data

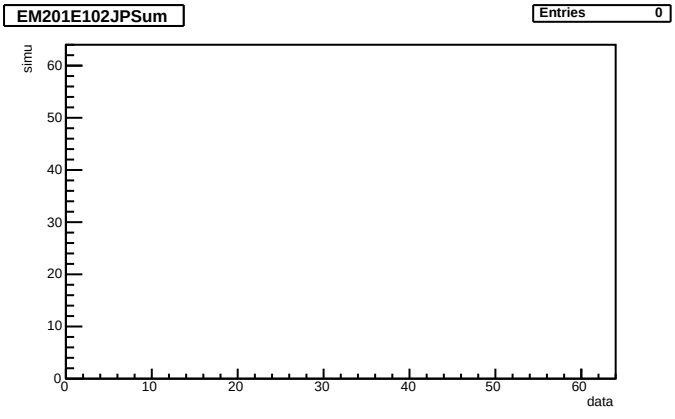

EM201E101Bits
Entries 3.477488e+07
143499
142029
156758
39343
17949
6.81148e+06
6.81295e+06
6.79822e+06
6.91563e+06
6.93703e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

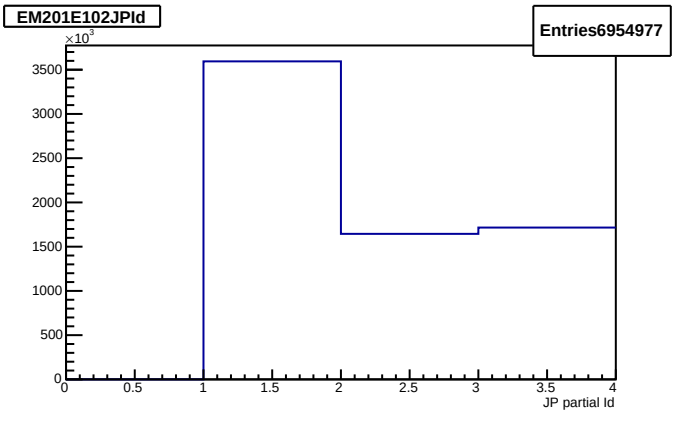

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

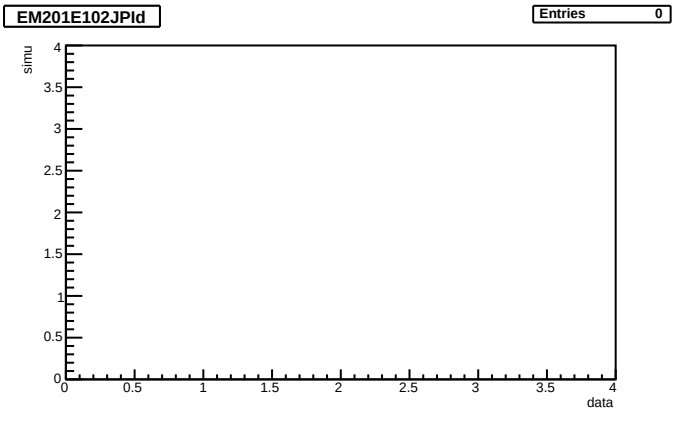

EM201E102JPThBits
Entries6954977
×10^3
JP th bits

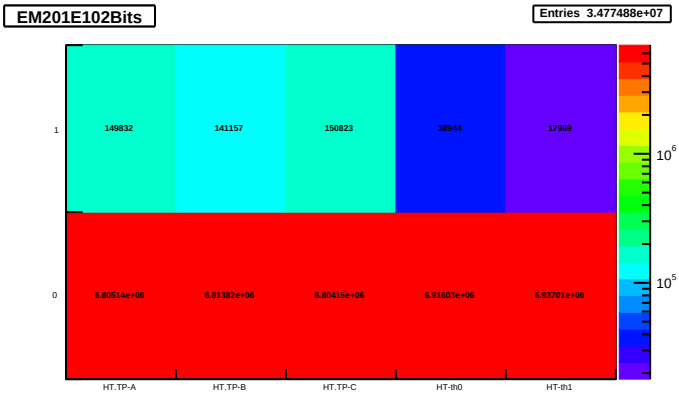

EM201E102JPThBits
Entries 0
simu
data

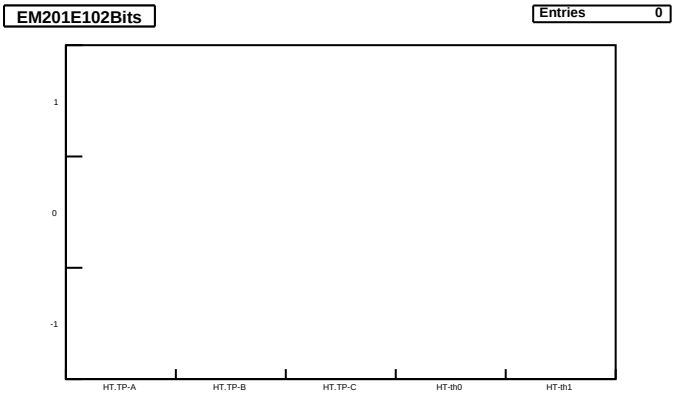

EM201E102JPSum
Entries6954977
×10^3
JP partial sum

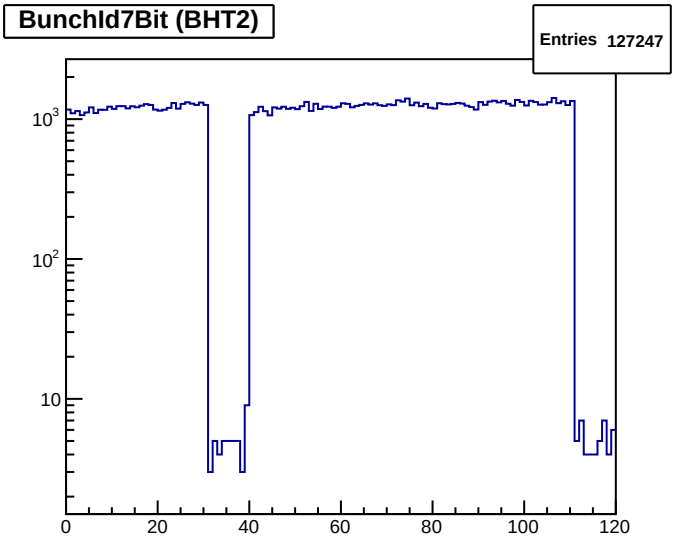

EM201E102JPSum
Entries 0
simu
data

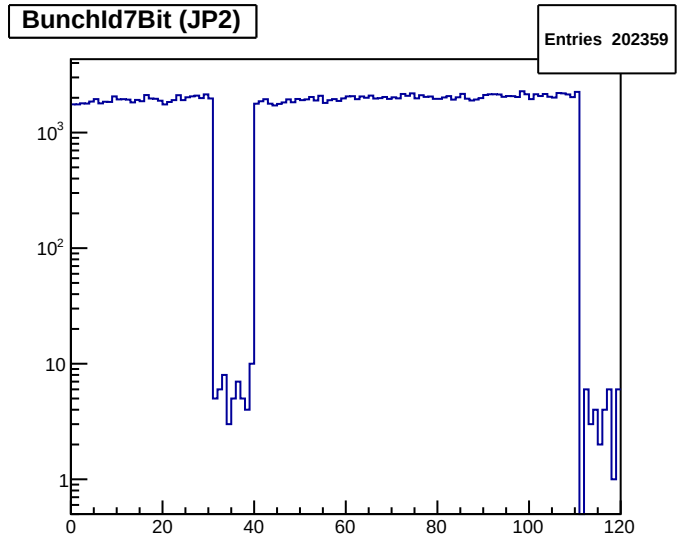

EM201E102JPId
Entries6954977
×10^3
JP partial Id

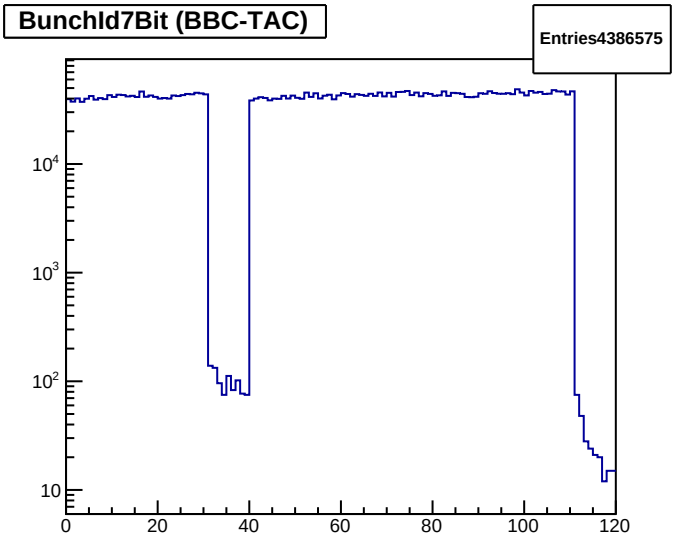

EM201E102JPId
Entries 0
simu
data

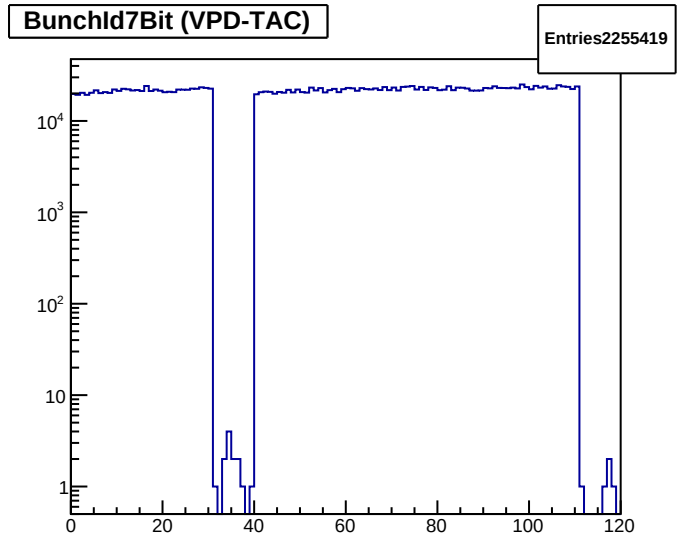

EM201E102Bits
Entries 3.477488e+07
149832
141157
150823
38944
17969
6.80514e+06
6.81382e+06
6.80415e+06
6.91603e+06
6.93701e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

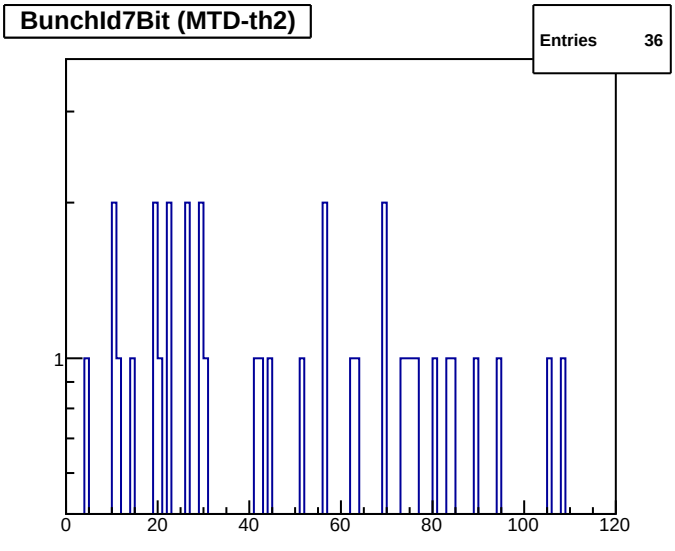

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

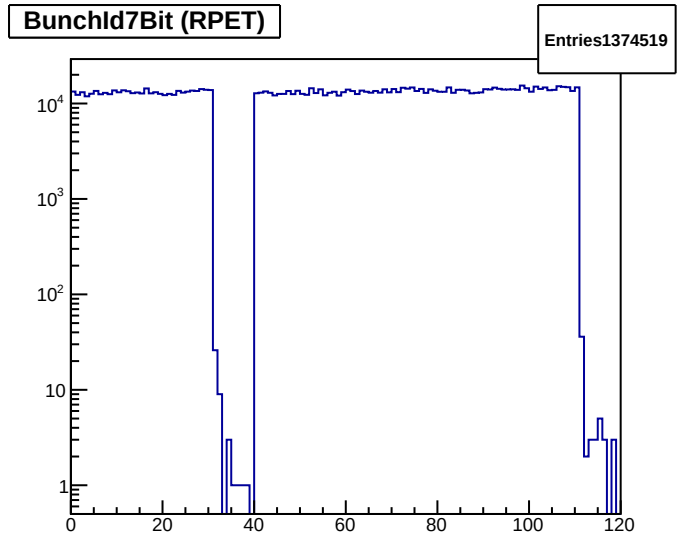

BunchId7Bit (BHT2)
Entries 127247
10^3
10^2
10
0
20
40
60
80
100
120

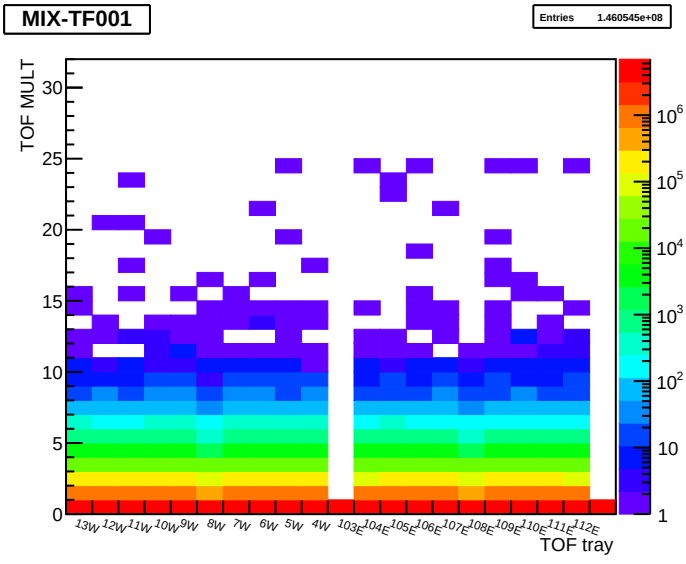

BunchId7Bit (JP2)
Entries 202359
10^3
10^2
10
1
0
20
40
60
80
100
120

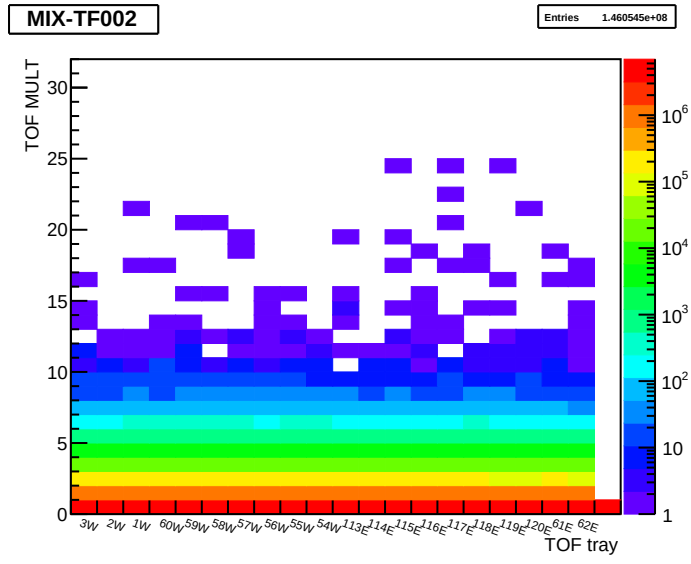

BunchId7Bit (BBC-TAC)
Entries4386575
10^4
10^3
10^2
10
0
20
40
60
80
100
120

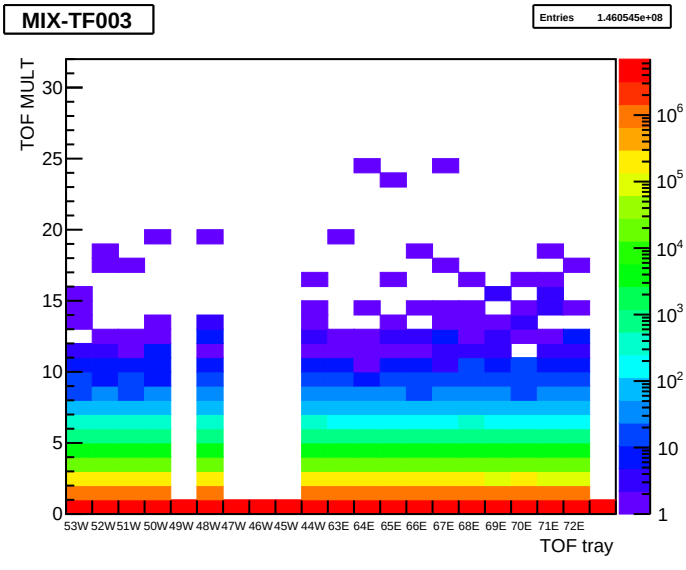

BunchId7Bit (VPD-TAC)
Entries2255419
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

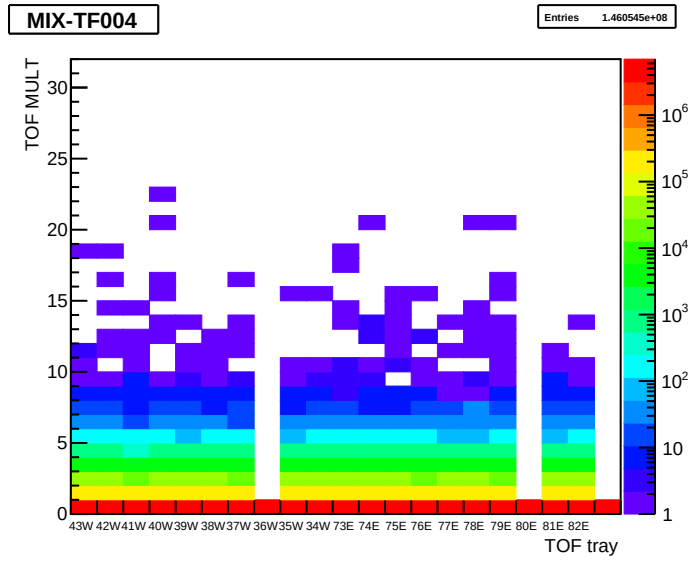

BunchId7Bit (MTD-th2)
Entries 36
1
0
20
40
60
80
100
120

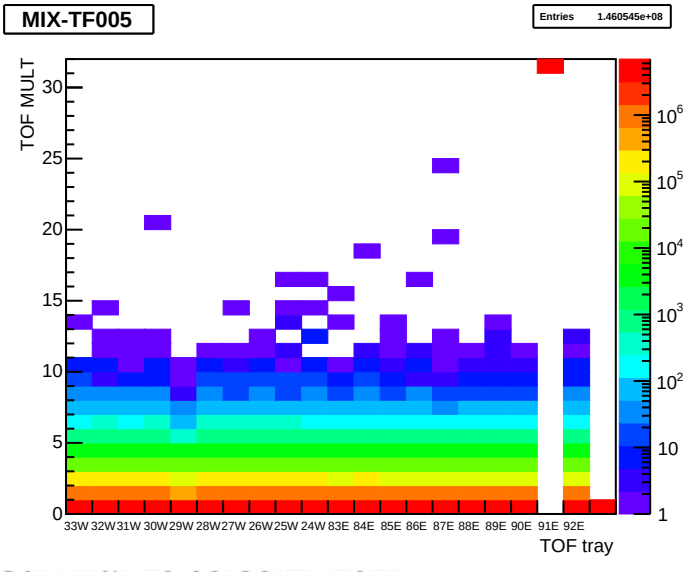

BunchId7Bit (RPET)
Entries1374519
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

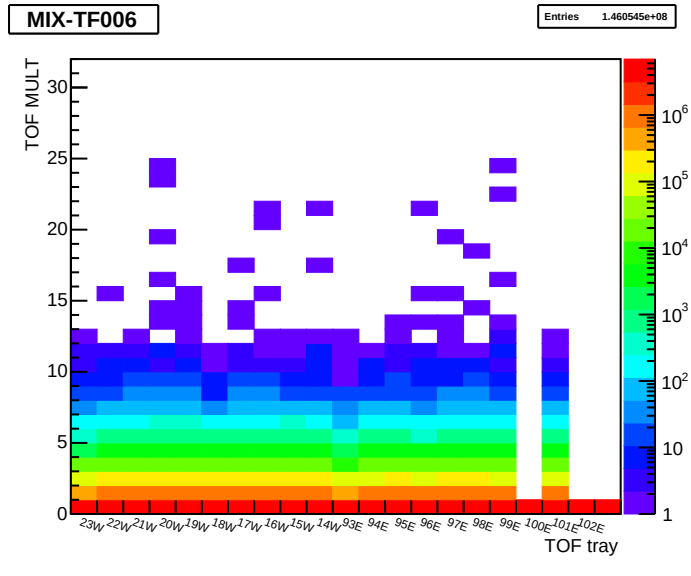

MIX-TF001
Entries 1.460545e+08
TOF MULT
TOF tray

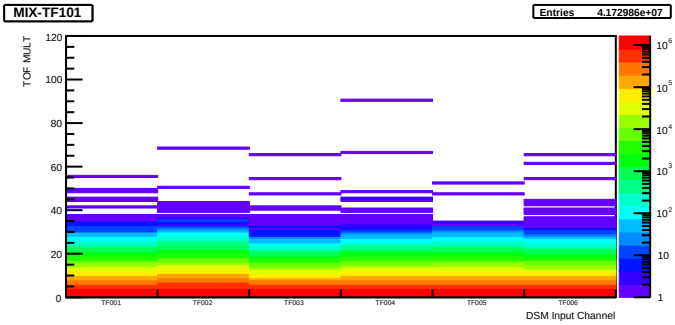

MIX-TF002
Entries 1.460545e+08
TOF MULT
TOF tray

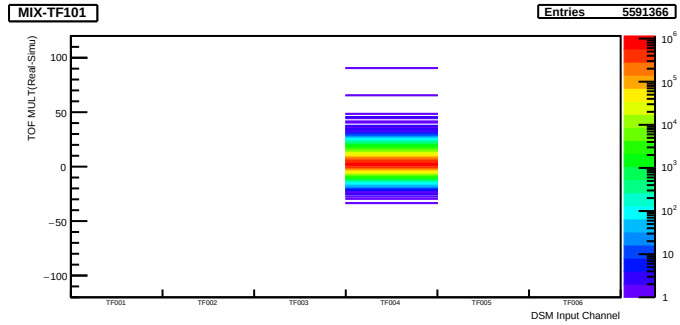

MIX-TF003
Entries 1.460545e+08
TOF MULT
TOF tray

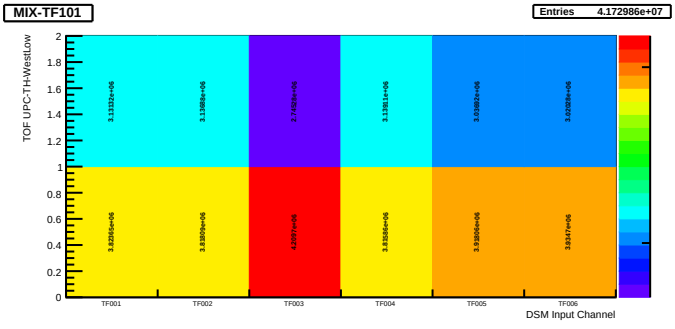

MIX-TF004
Entries 1.460545e+08
TOF MULT
TOF tray

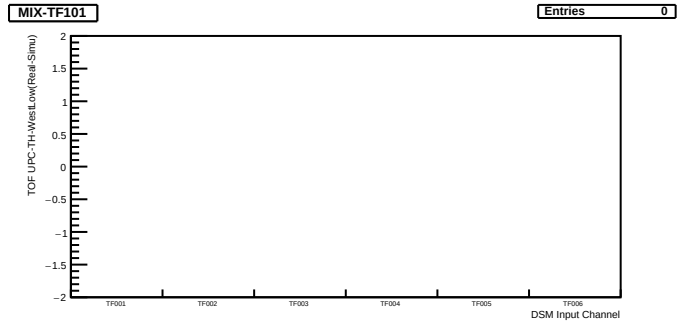

MIX-TF005
Entries 1.460545e+08
TOF MULT
TOF tray

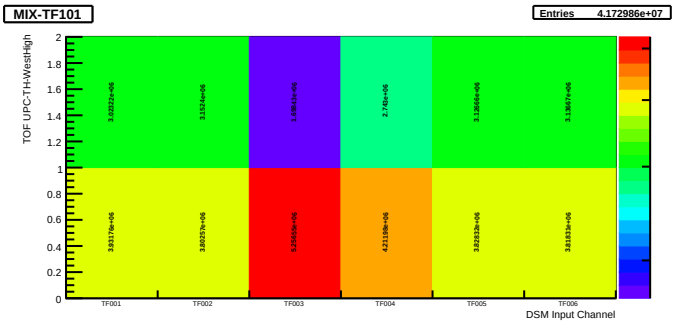

MIX-TF006
Entries 1.460545e+08
TOF MULT
TOF tray

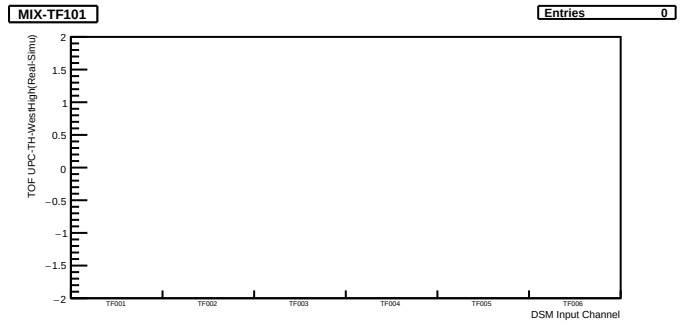

MIX-TF101
Entries 4.172986e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

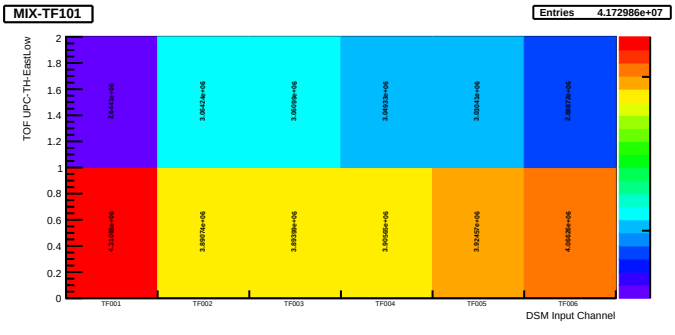

MIX-TF101
Entries 5591366
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

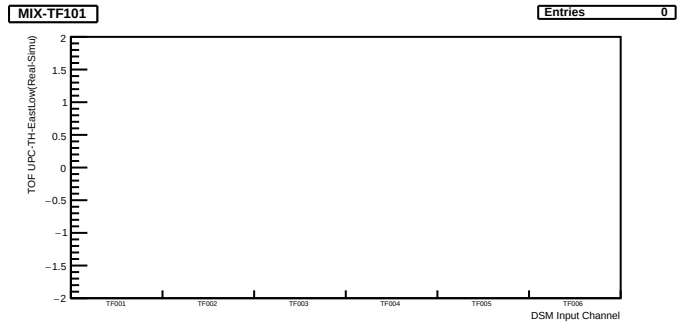

MIX-TF101
Entries 4.172986e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

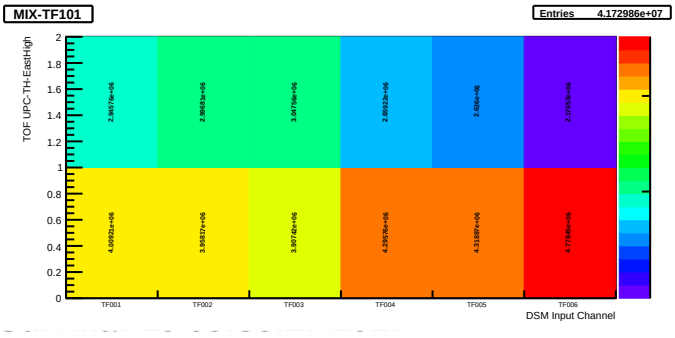

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

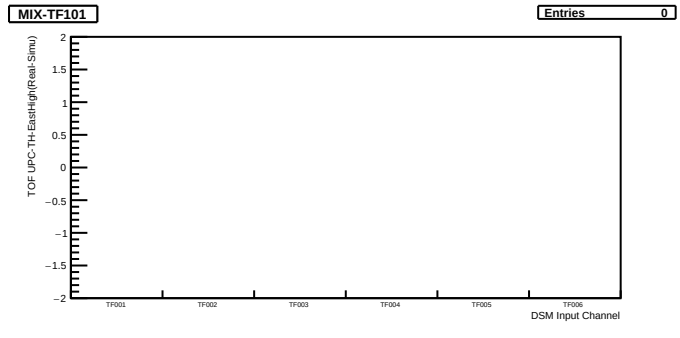

MIX-TF101
Entries 4.172986e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

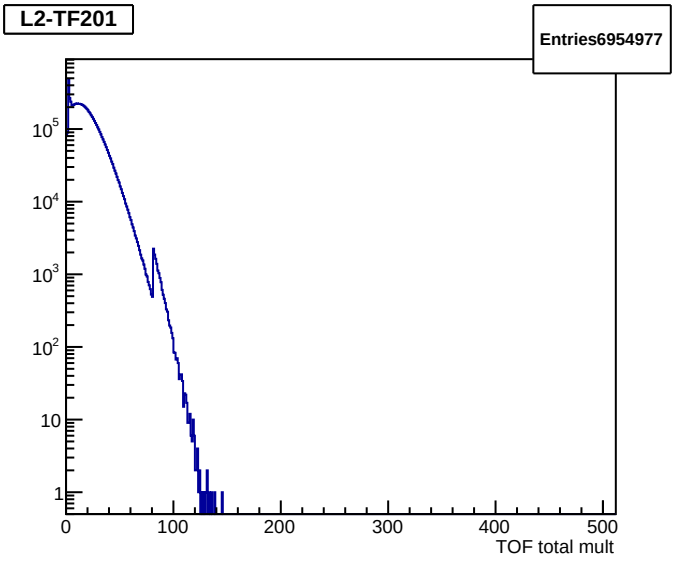

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

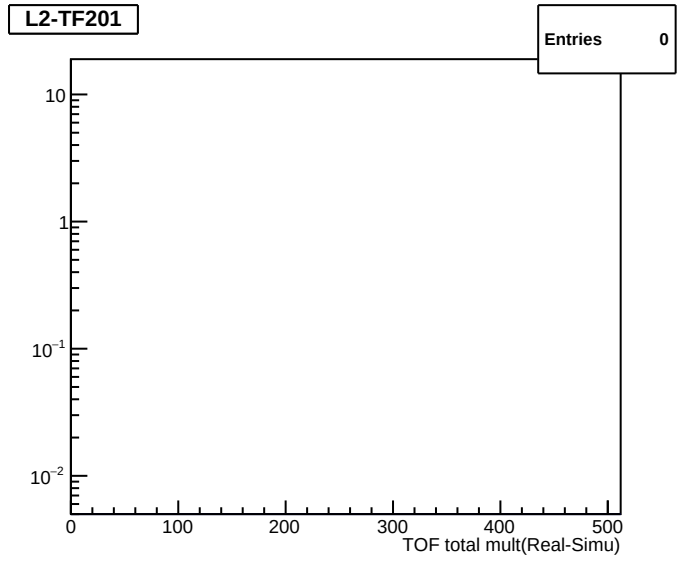

MIX-TF101
Entries 4.172986e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

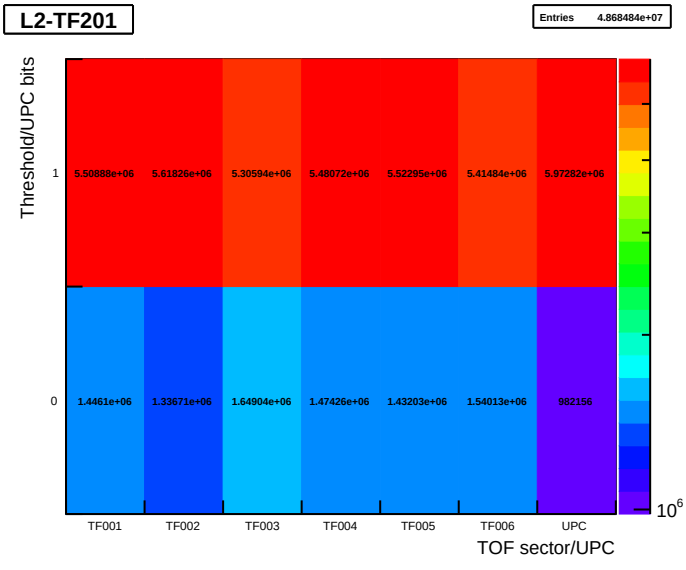

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

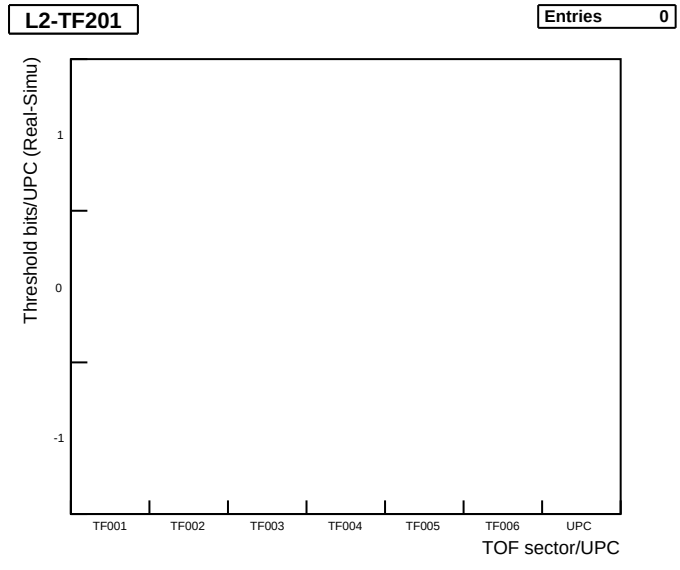

MIX-TF101
Entries 4.172986e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

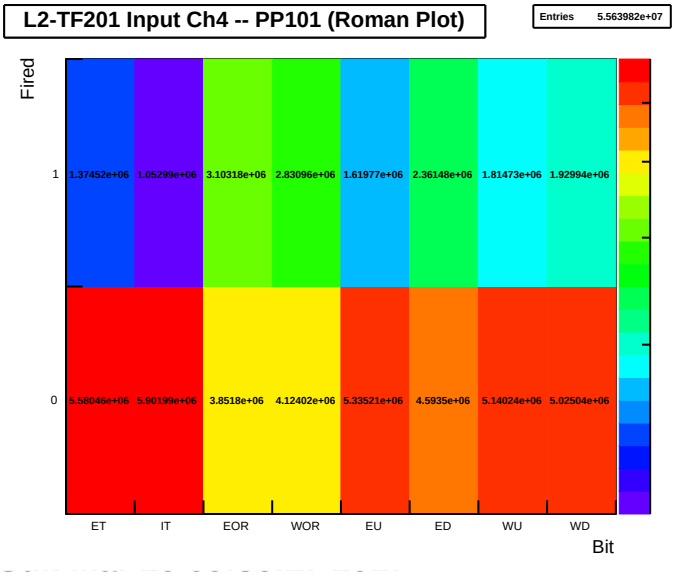

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

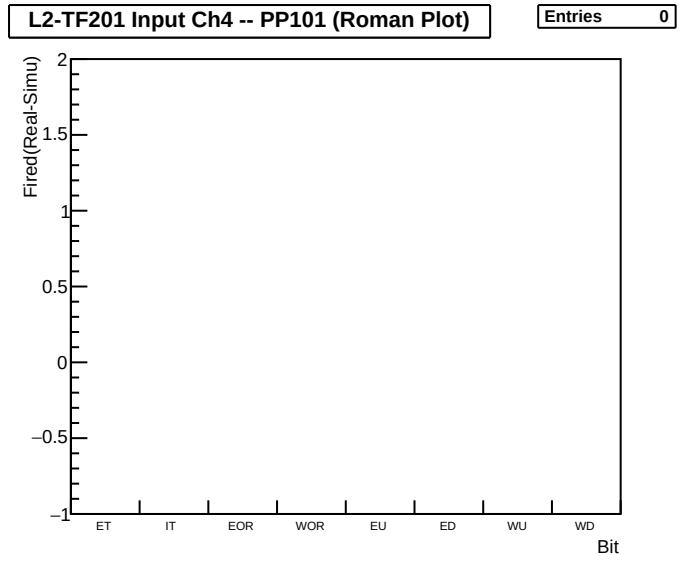

L2-TF201
Entries6954977
TOF total mult

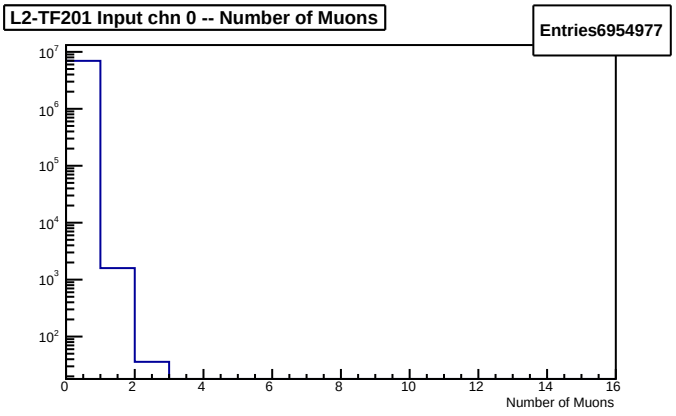

L2-TF201
Entries 0
TOF total mult(Real-Simu)

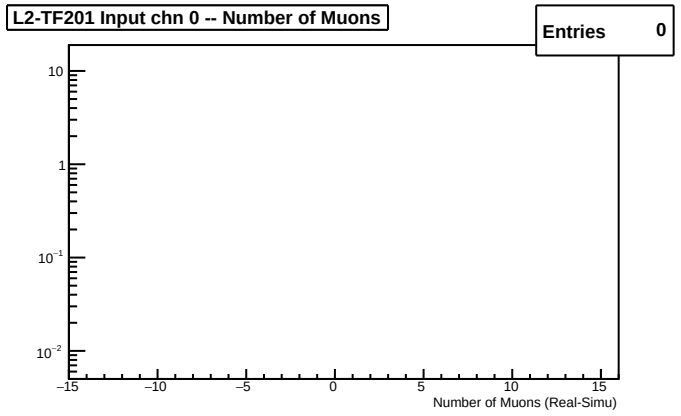

L2-TF201
Entries 4.868484e+07
Threshold/UPC bits
5.50888e+06
5.61826e+06
5.30594e+06
5.48072e+06
5.52295e+06
5.41484e+06
5.97282e+06
1.4461e+06
1.33671e+06
1.64904e+06
1.47426e+06
1.43203e+06
1.54013e+06
982156
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

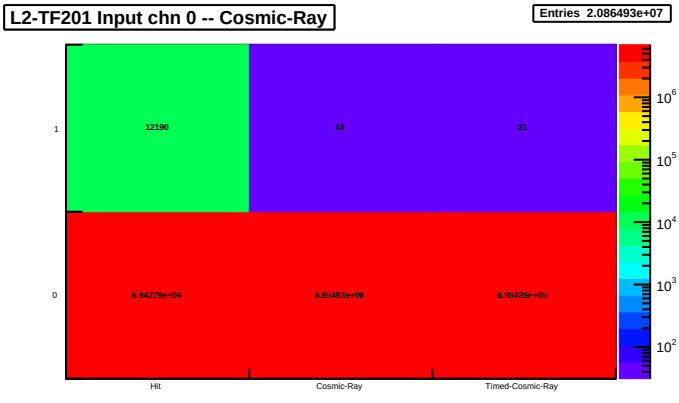

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

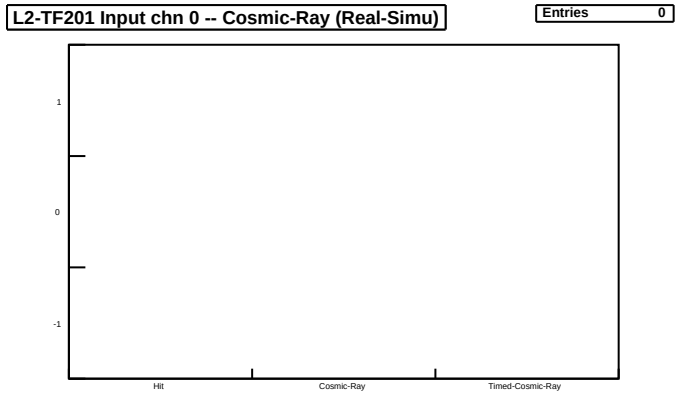

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.563982e+07
Fired
1.37452e+06
1.05299e+06
3.10318e+06
2.83096e+06
1.61977e+06
2.36148e+06
1.81473e+06
1.92994e+06
5.58046e+06
5.90199e+06
3.8518e+06
4.12402e+06
5.33521e+06
4.5935e+06
5.14024e+06
5.02504e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

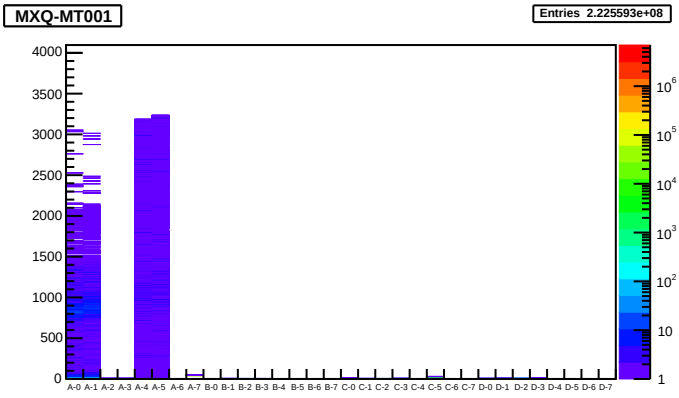

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

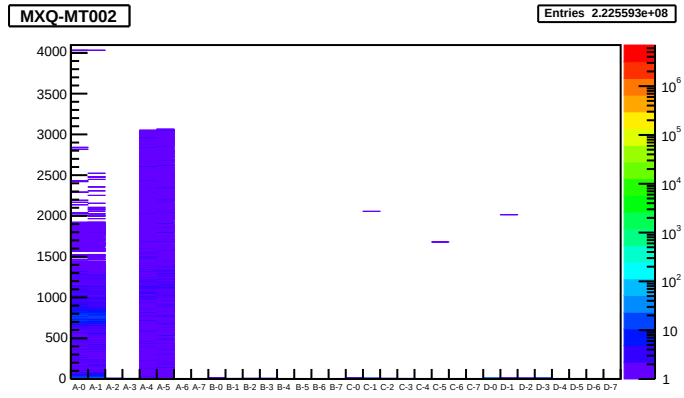

L2-TF201 Input chn 0 -- Number of Muons
Entries6954977
Number of Muons

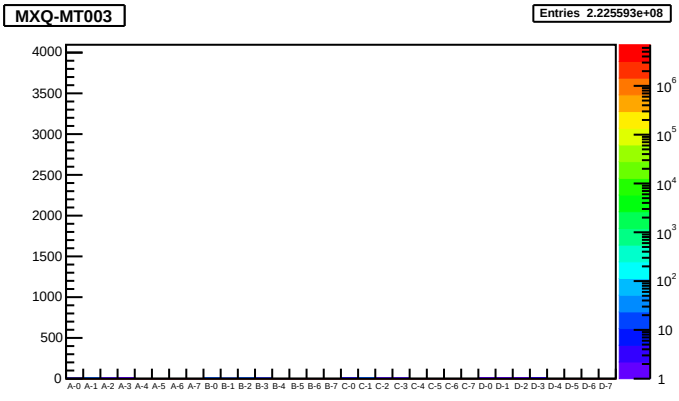

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

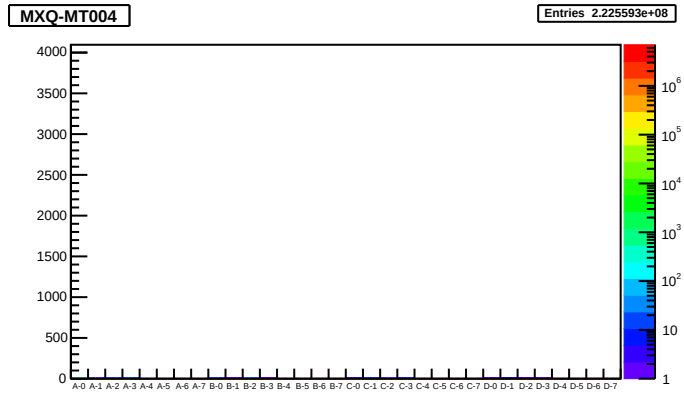

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.086493e+07
12190
43
31
6.94279e+06
6.95493e+06
6.95495e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

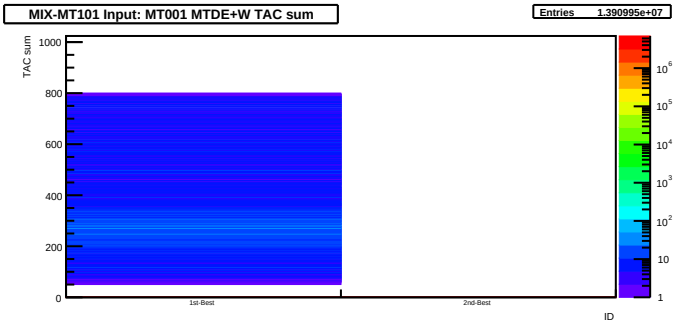

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

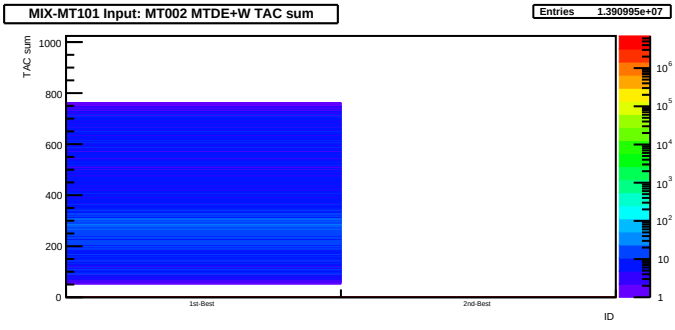

MXQ-MT001
Entries 2.225593e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

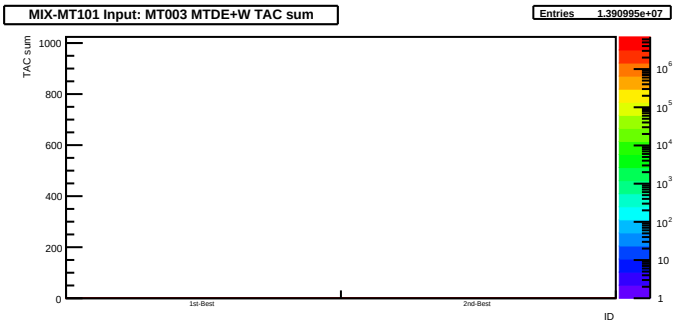

MXQ-MT002
Entries 2.225593e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

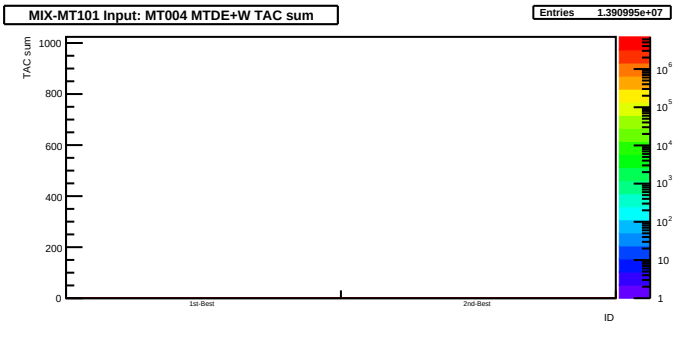

MXQ-MT003
Entries 2.225593e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

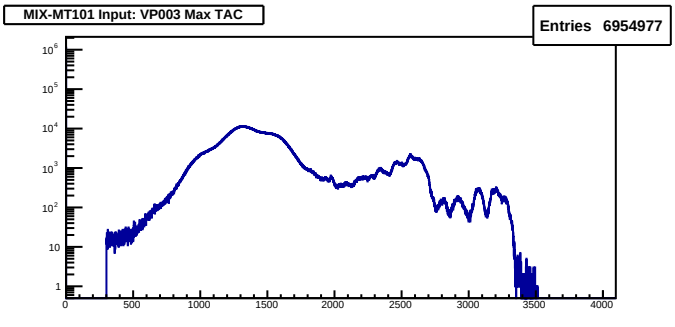

MXQ-MT004
Entries 2.225593e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

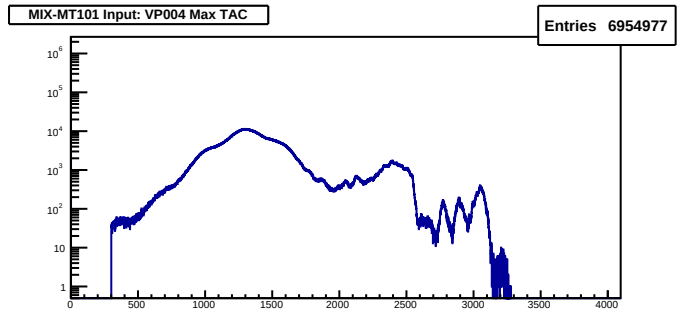

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.390995e+07
TAC sum
1st-Best
2nd-Best
ID

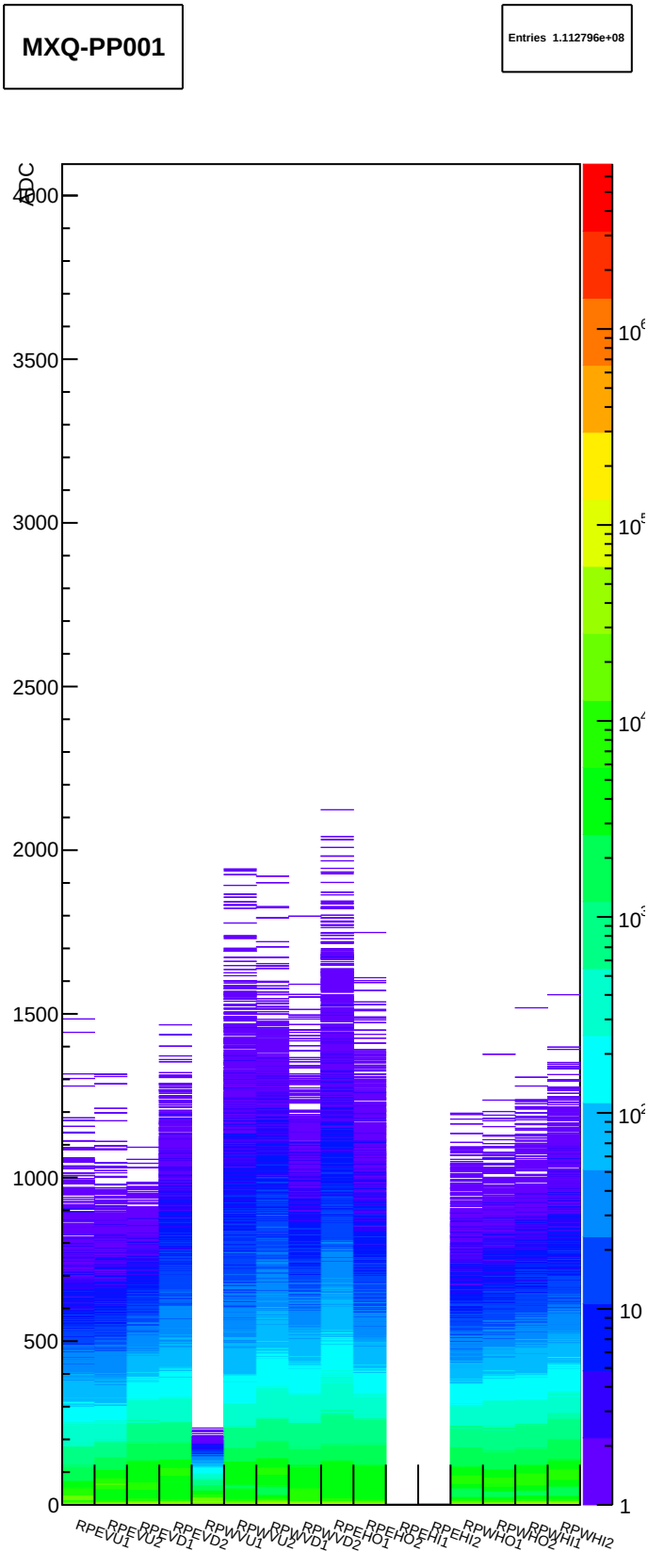

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.390995e+07
TAC sum
1st-Best
2nd-Best
ID

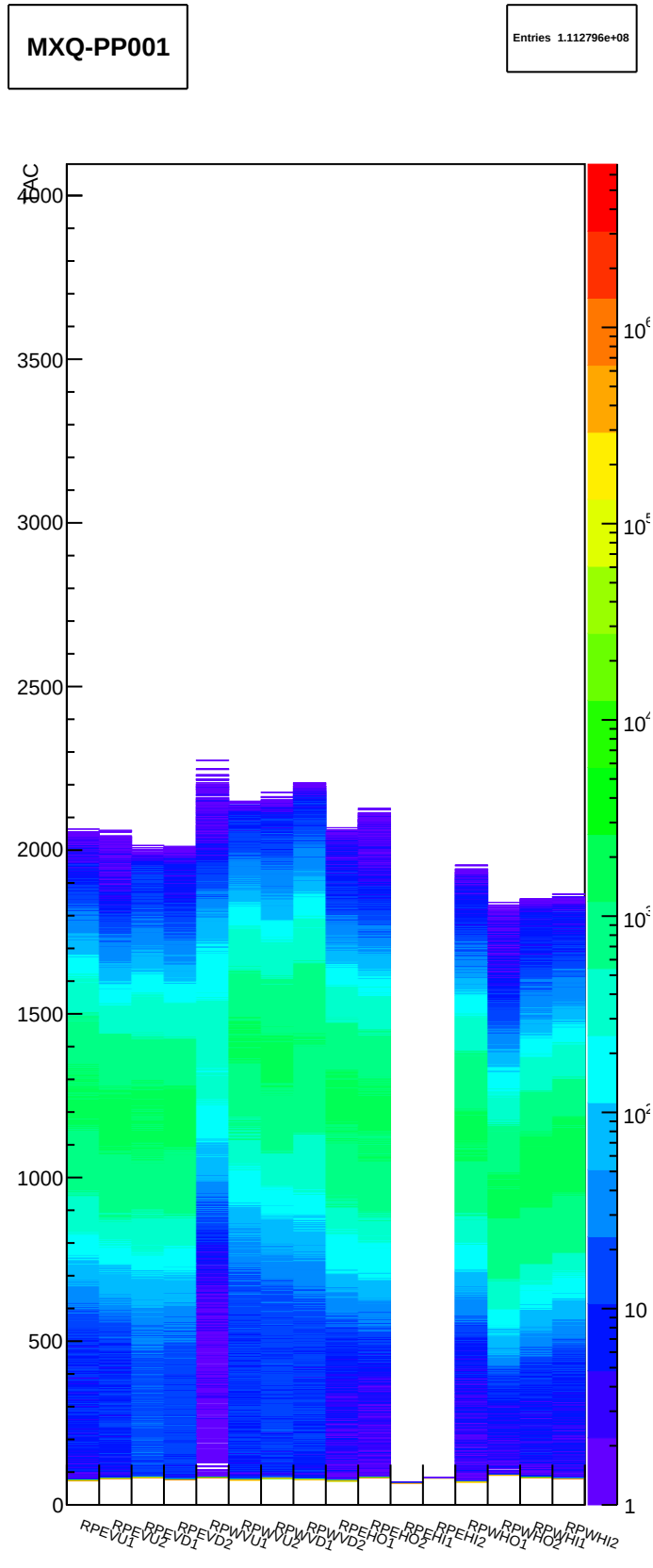

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.390995e+07
TAC sum
1st-Best
2nd-Best
ID

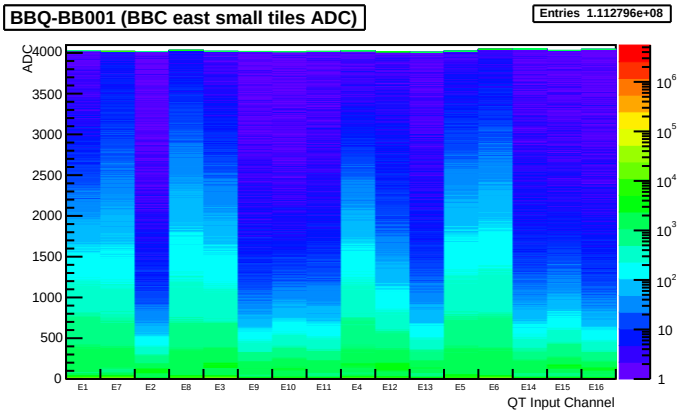

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.390995e+07
TAC sum
1st-Best
2nd-Best
ID

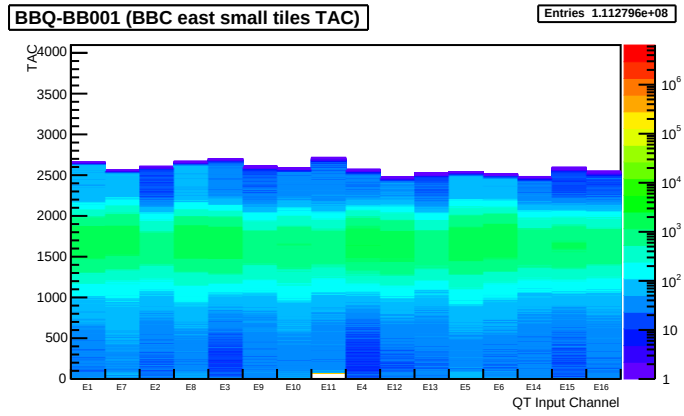

MIX-MT101 Input: VP003 Max TAC
Entries 6954977

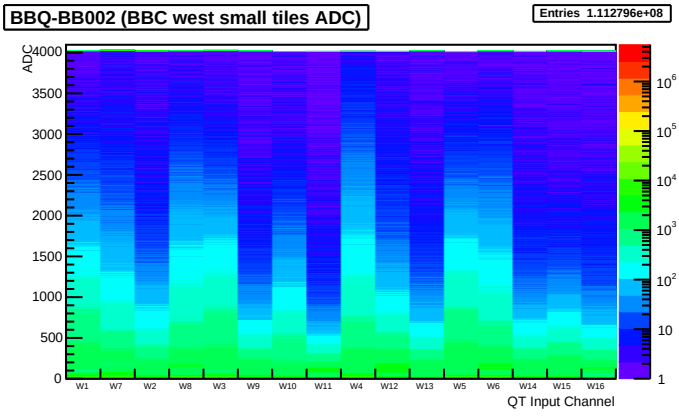

MIX-MT101 Input: VP004 Max TAC
Entries 6954977

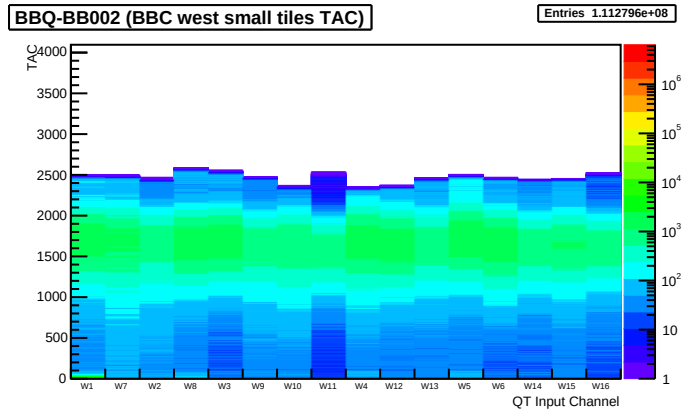

MXQ-PP001
Entries 1.112796e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

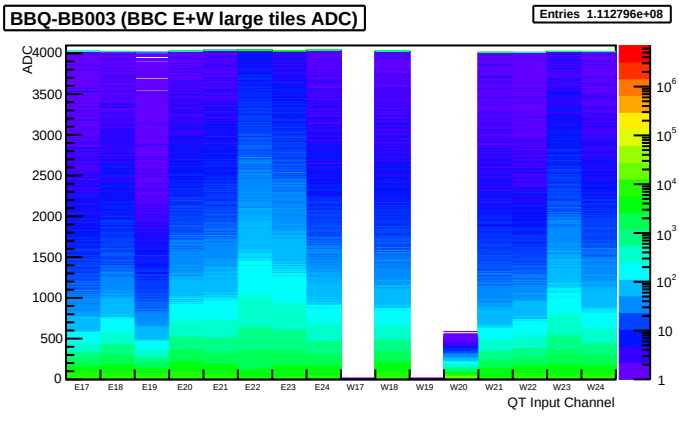

MXQ-PP001
Entries 1.112796e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

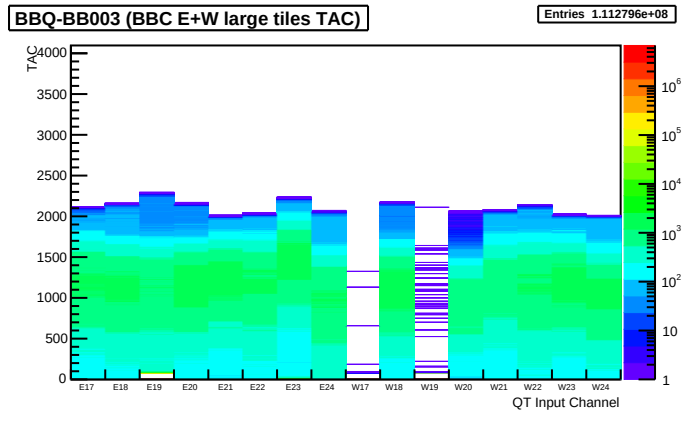

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.112796e+08
ADC
QT Input Channel

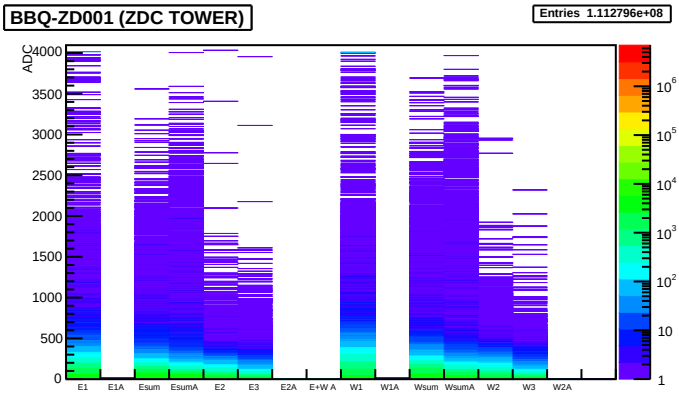

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.112796e+08
TAC
QT Input Channel

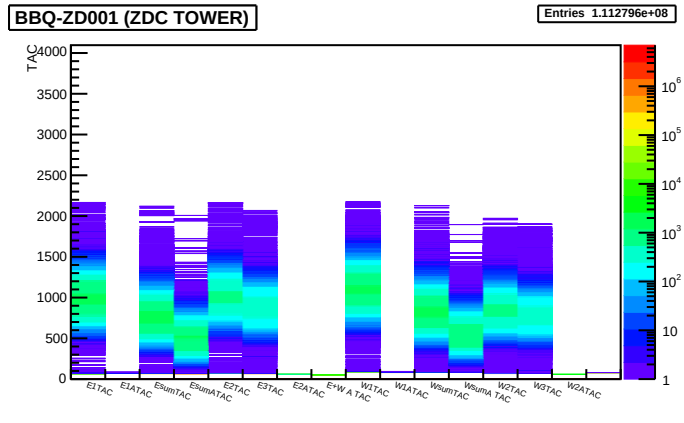

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.112796e+08
ADC
QT Input Channel

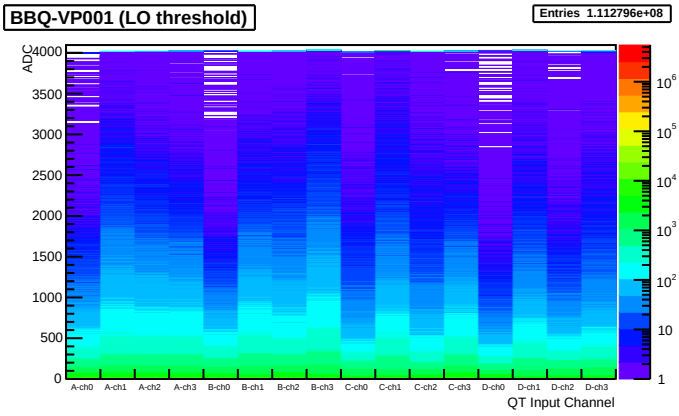

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.112796e+08
TAC
QT Input Channel

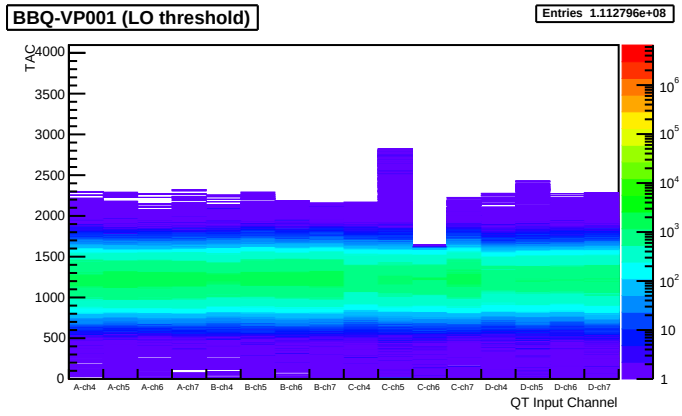

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.112796e+08
ADC
QT Input Channel

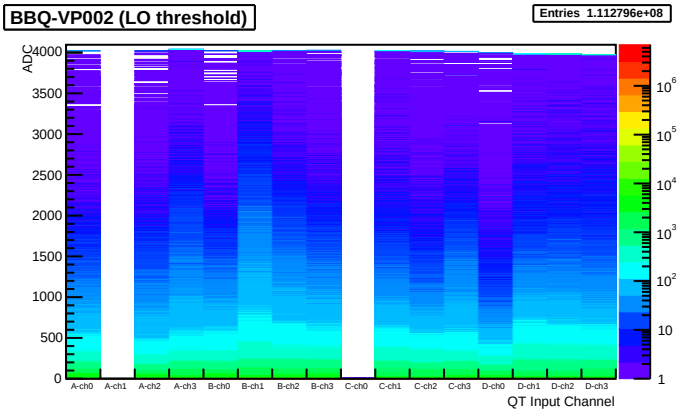

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.112796e+08
TAC
QT Input Channel

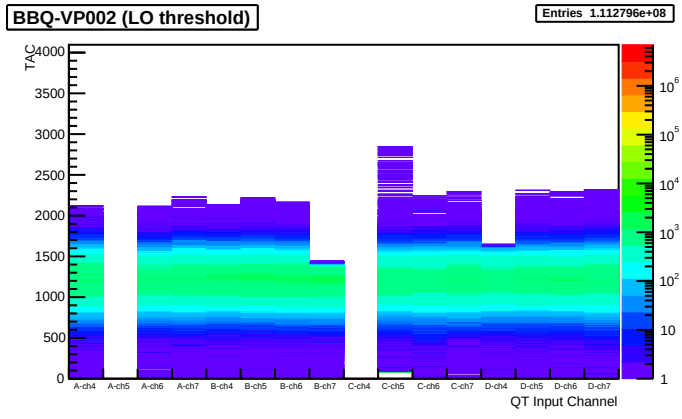

BBQ-ZD001 (ZDC TOWER)
Entries 1.112796e+08
ADC

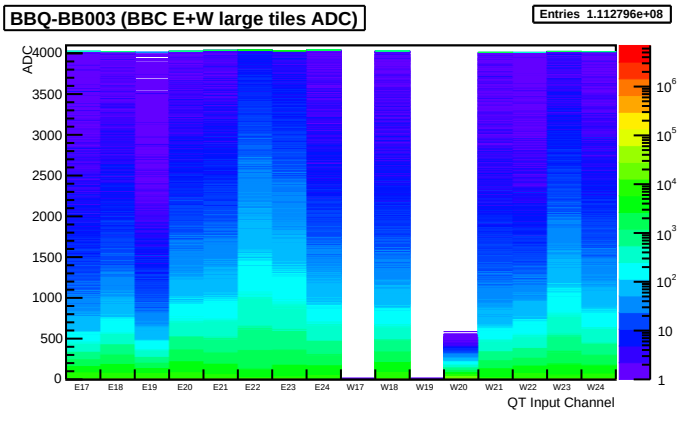

BBQ-ZD001 (ZDC TOWER)
Entries 1.112796e+08
TAC

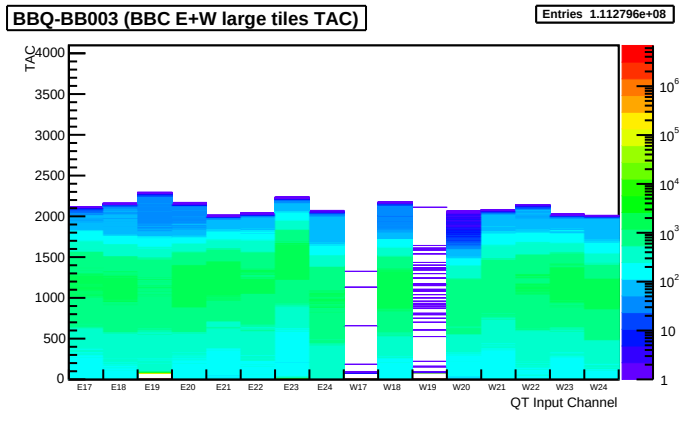

BBQ-VP001 (LO threshold)
Entries 1.112796e+08
ADC
QT Input Channel

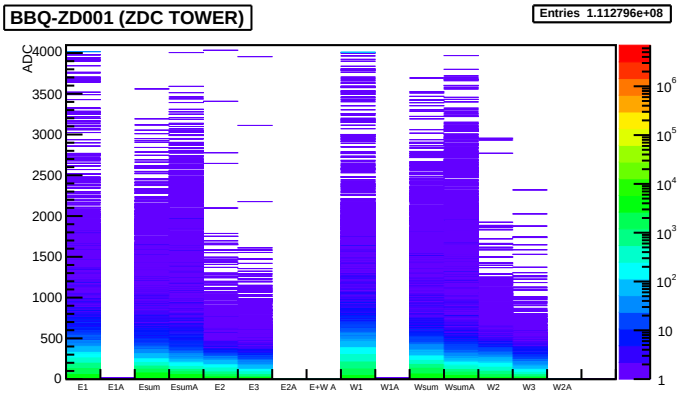

BBQ-VP001 (LO threshold)
Entries 1.112796e+08
TAC
QT Input Channel

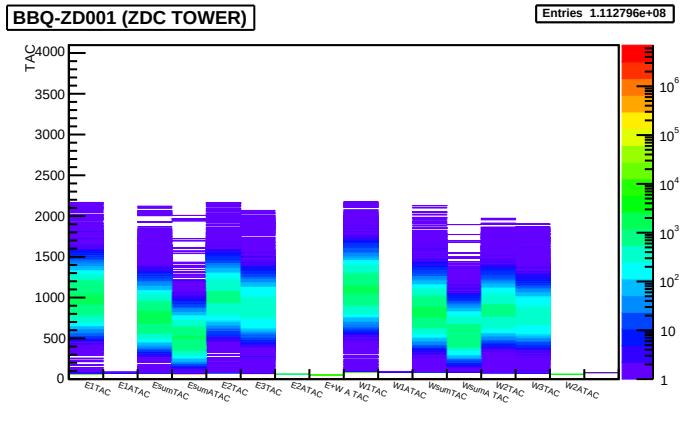

BBQ-VP002 (LO threshold)
Entries 1.112796e+08
ADC
QT Input Channel

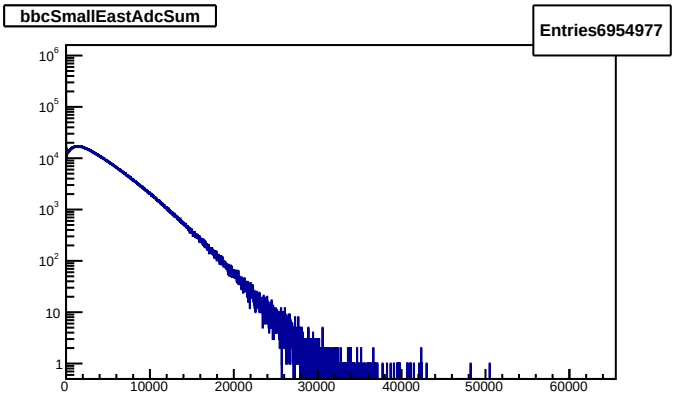

BBQ-VP002 (LO threshold)
Entries 1.112796e+08
TAC
QT Input Channel

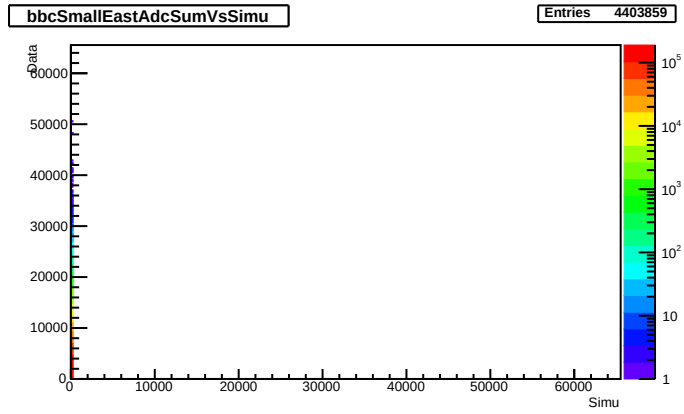

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.112796e+08
ADC
QT Input Channel

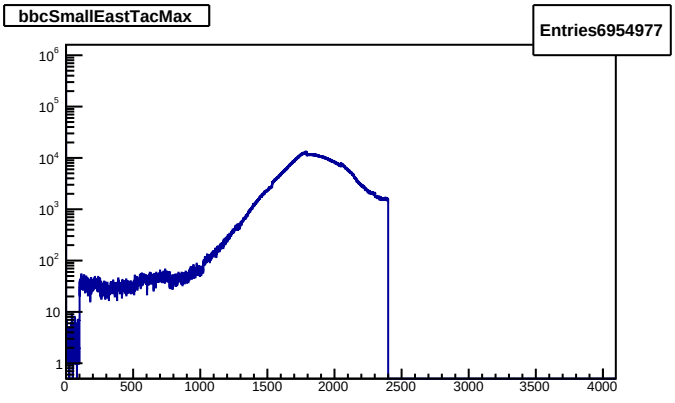

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.112796e+08
TAC
QT Input Channel

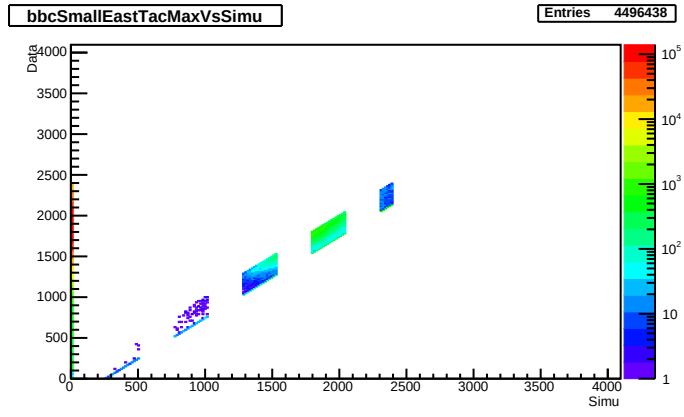

BBQ-ZD001 (ZDC TOWER)
Entries 1.112796e+08
ADC

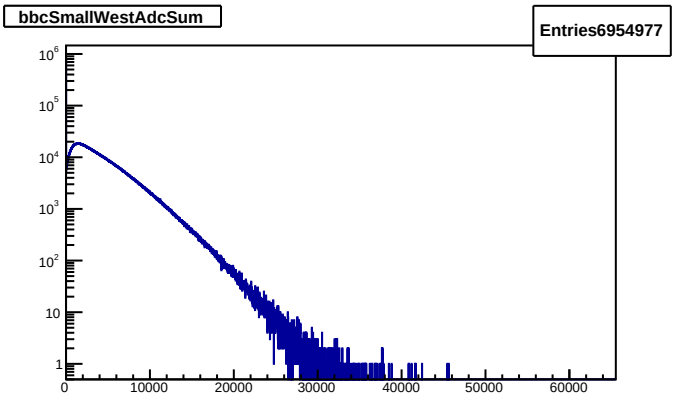

BBQ-ZD001 (ZDC TOWER)
Entries 1.112796e+08
TAC

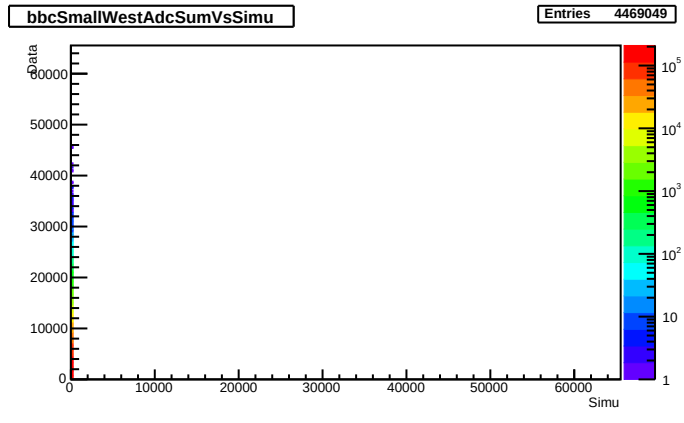

bbcSmallEastAdcSum
Entries6954977

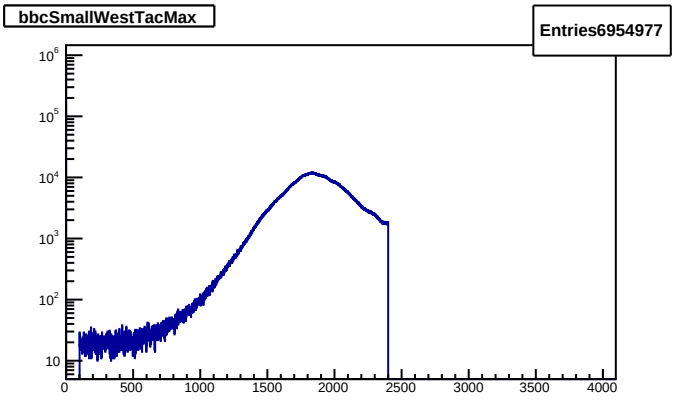

bbcSmallEastAdcSumVsSimu
Entries 4403859
Data
Simu

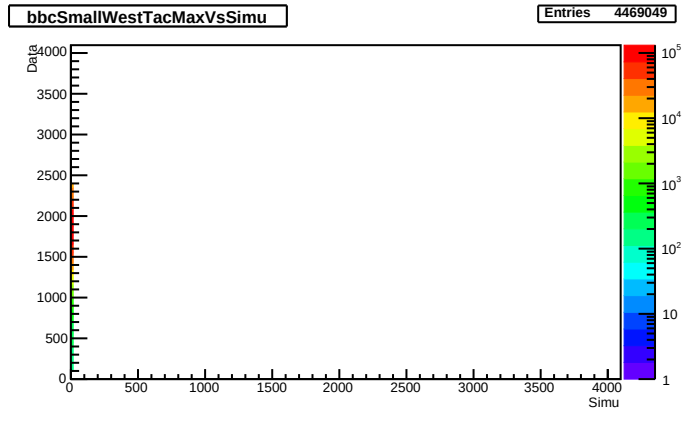

bbcSmallEastTacMax
Entries6954977

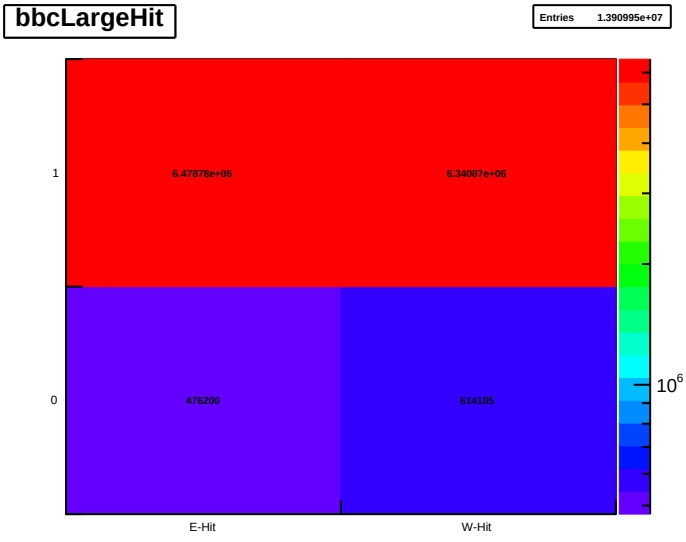

bbcSmallEastTacMaxVsSimu
Entries 4496438
Data
Simu

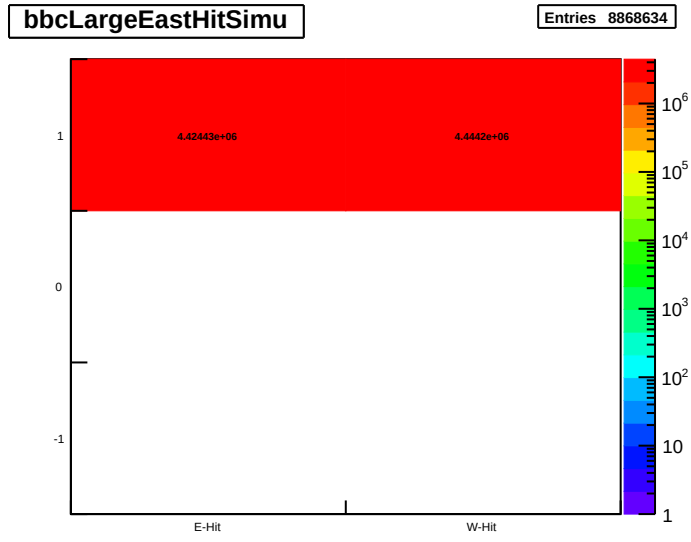

bbcSmallWestAdcSum
Entries6954977

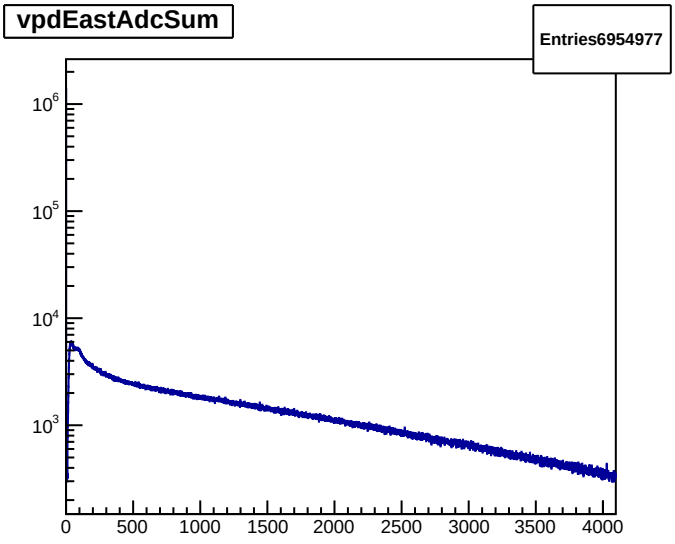

bbcSmallWestAdcSumVsSimu
Entries 4469049
Data
Simu

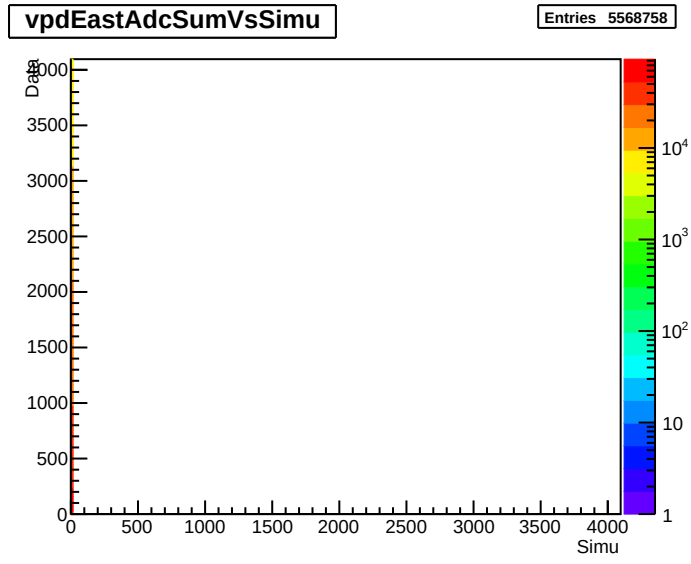

bbcSmallWestTacMax
Entries6954977

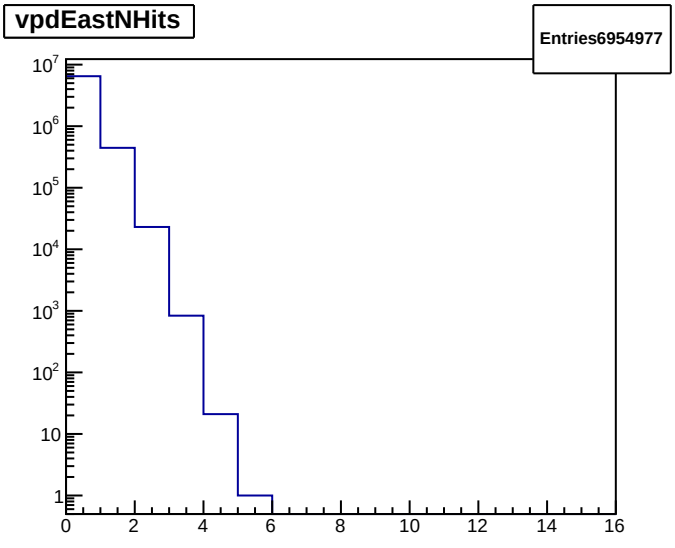

bbcSmallWestTacMaxVsSimu
Entries 4469049
Data
Simu

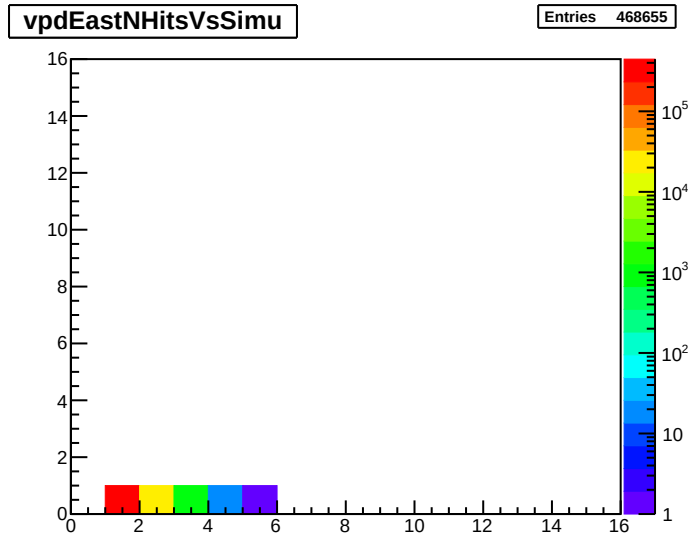

bbcLargeHit
Entries 1.390995e+07
1
0
6.47878e+06
6.34087e+06
476200
614105
E-Hit
W-Hit
10^6

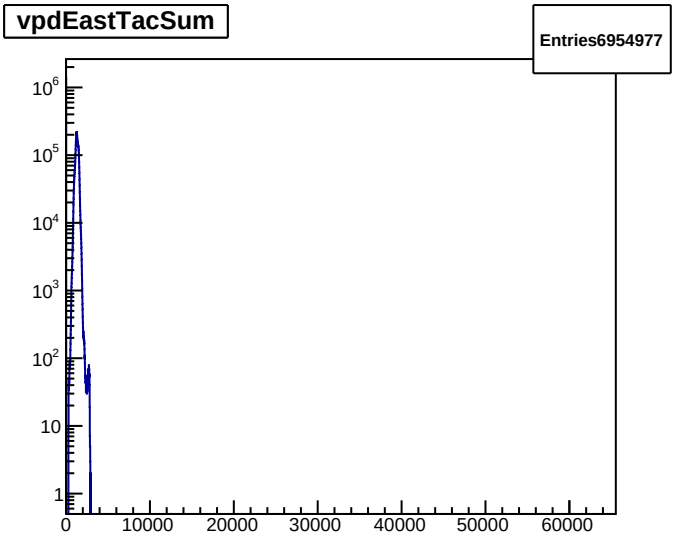

bbcLargeEastHitSimu
Entries 8868634
1
0
-1
4.42443e+06
4.4442e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

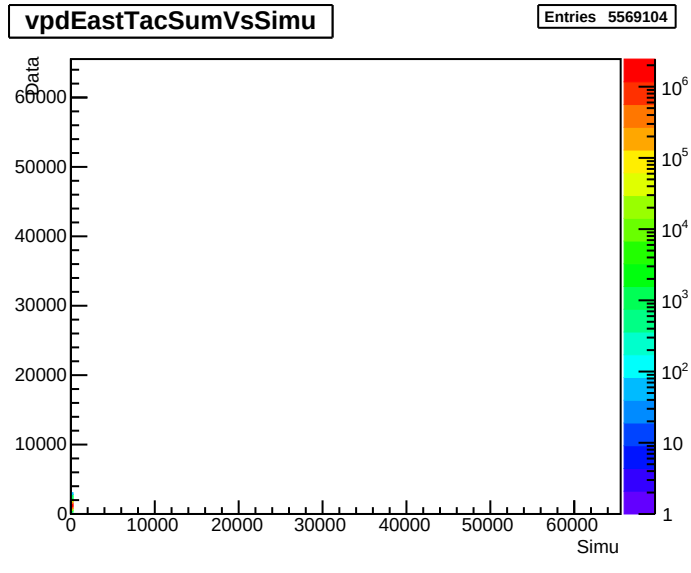

vpdEastAdcSum
Entries6954977

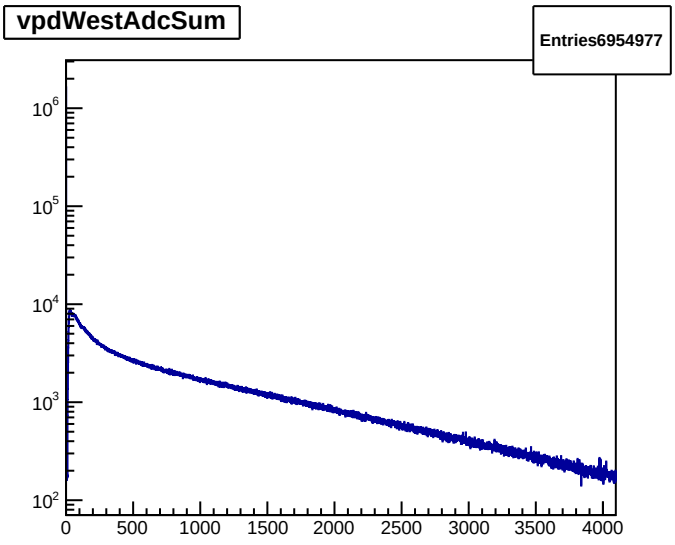

vpdEastAdcSumVsSimu
Entries 5568758
Data
Simu

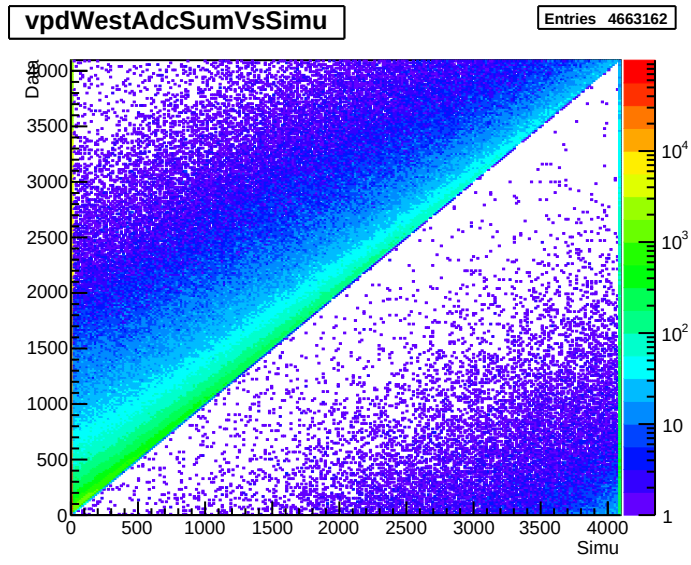

vpdEastNHits
Entries6954977

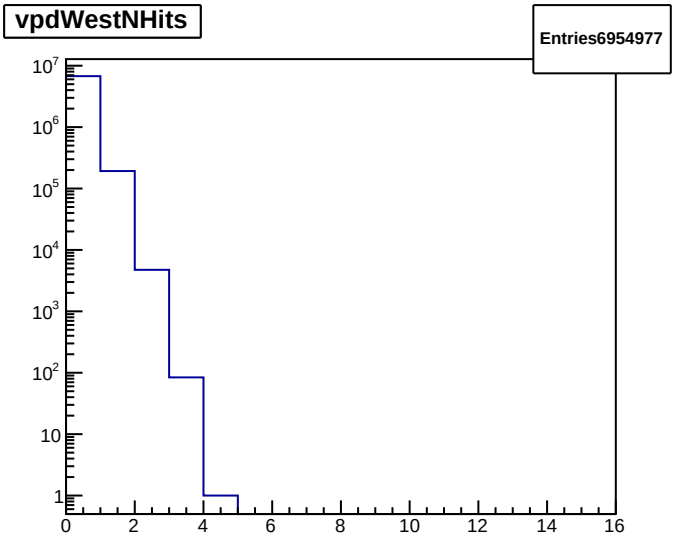

vpdEastNHitsVsSimu
Entries 468655

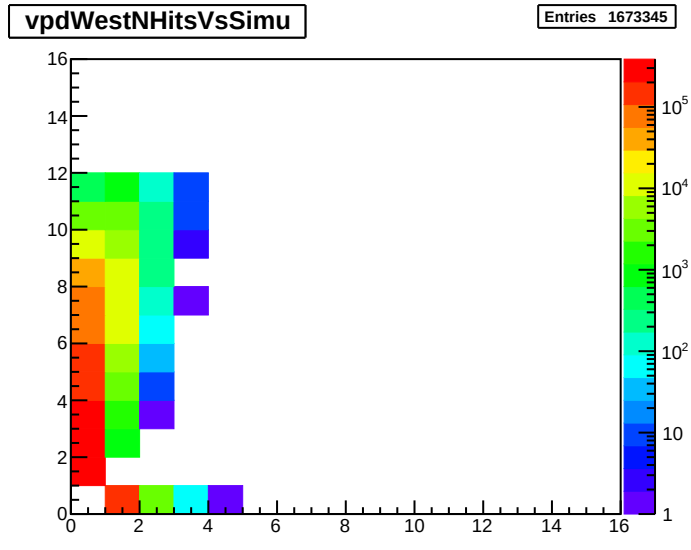

vpdEastTacSum
Entries6954977

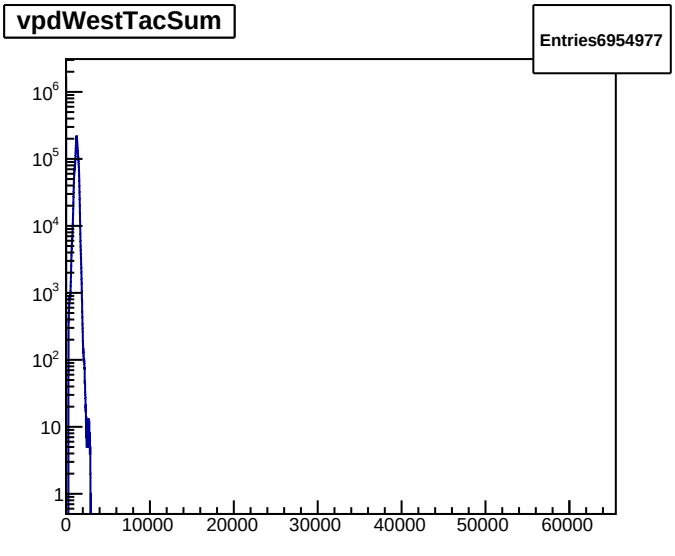

vpdEastTacSumVsSimu
Entries 5569104
Data
Simu

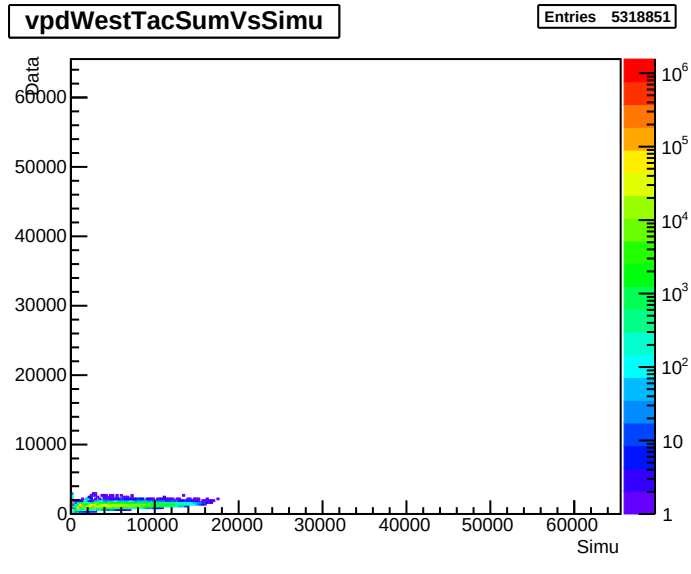

vpdWestAdcSum
Entries6954977

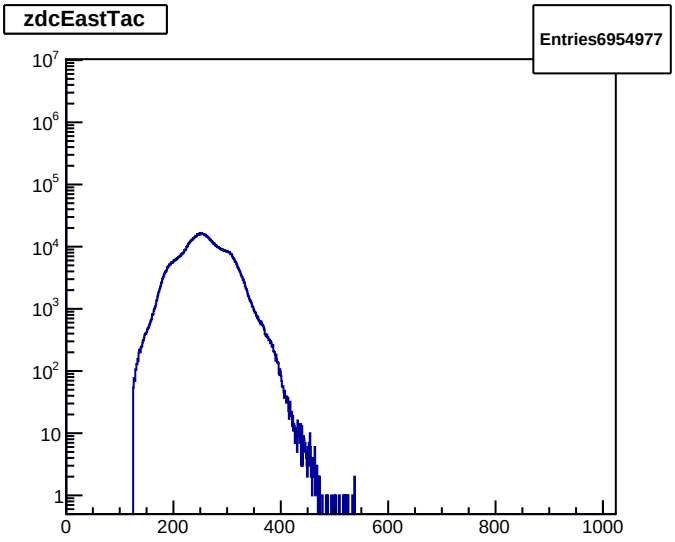

vpdWestAdcSumVsSimu
Entries 4663162
Data
Simu

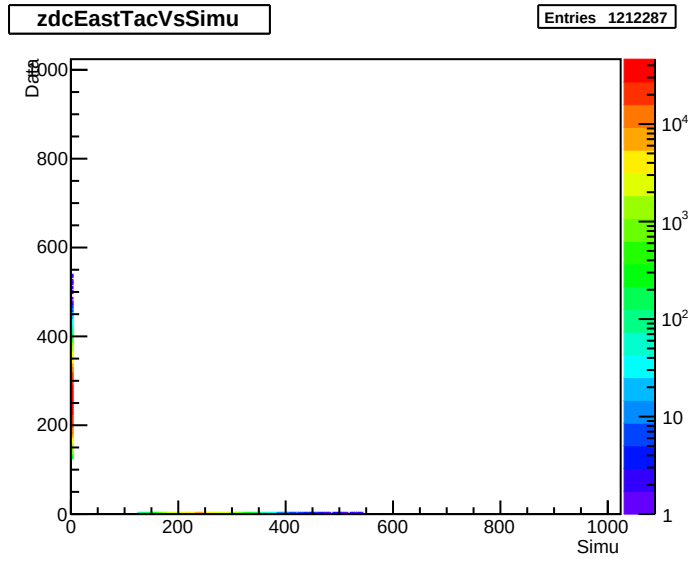

vpdWestNHits
Entries6954977

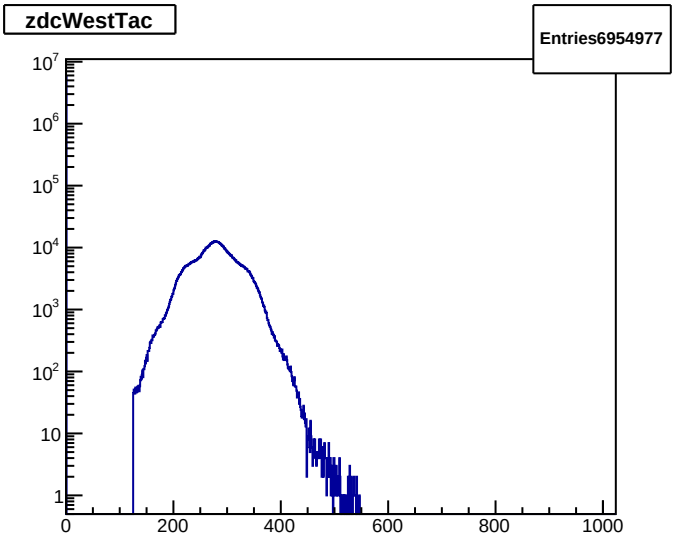

vpdWestNHitsVsSimu
Entries 1673345

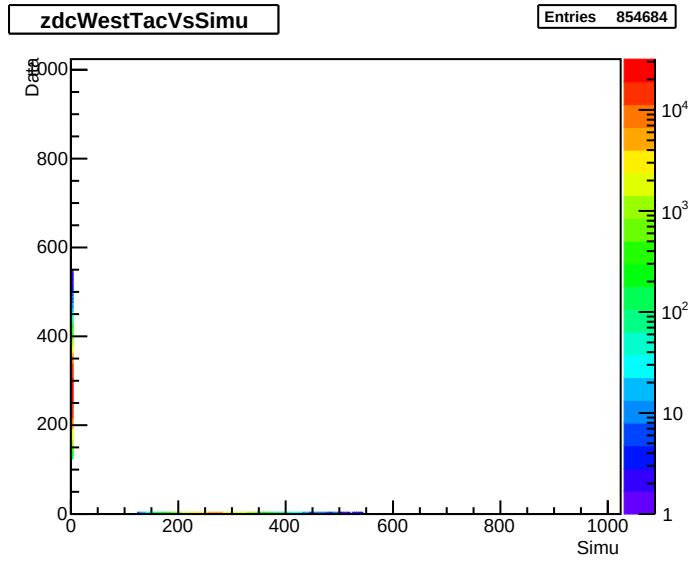

vpdWestTacSum
Entries6954977

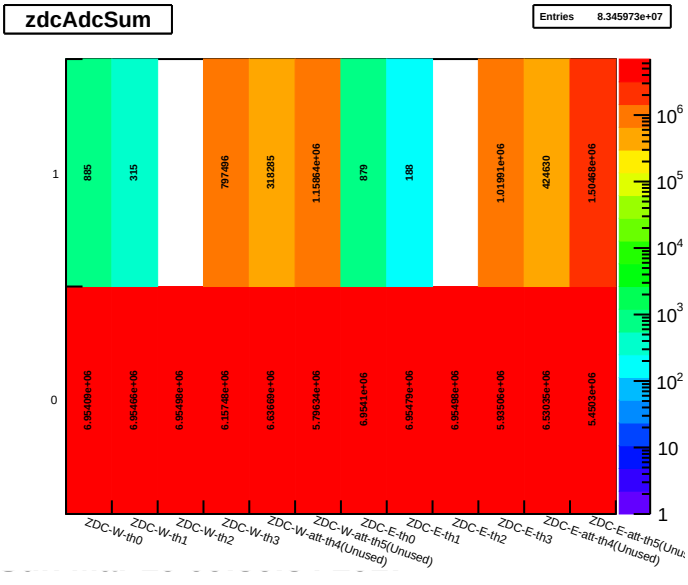

vpdWestTacSumVsSimu
Entries 5318851
Data
Simu

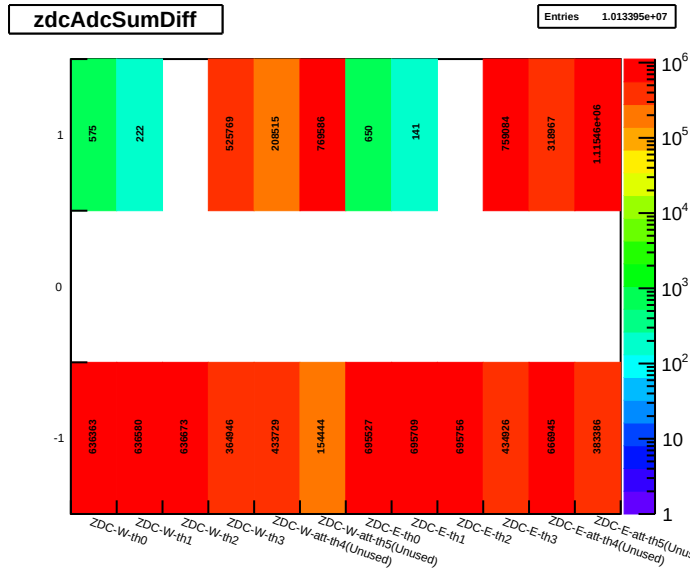

zdcEastTac
Entries6954977

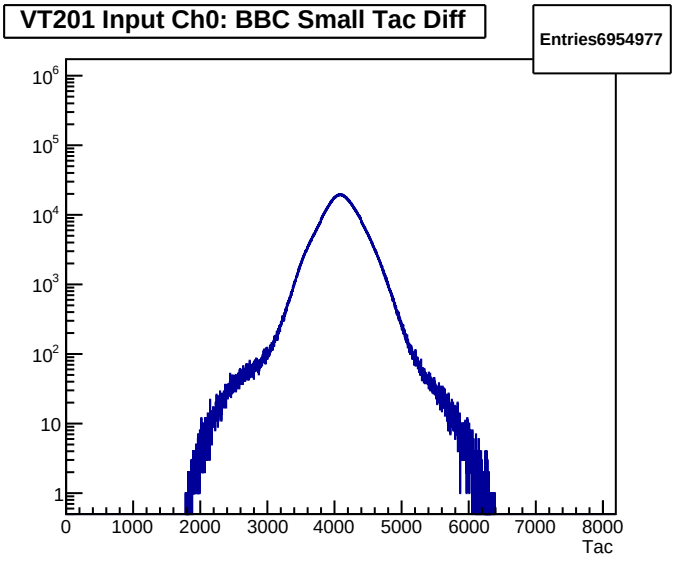

zdcEastTacVsSimu
Entries 1212287
Data
Simu

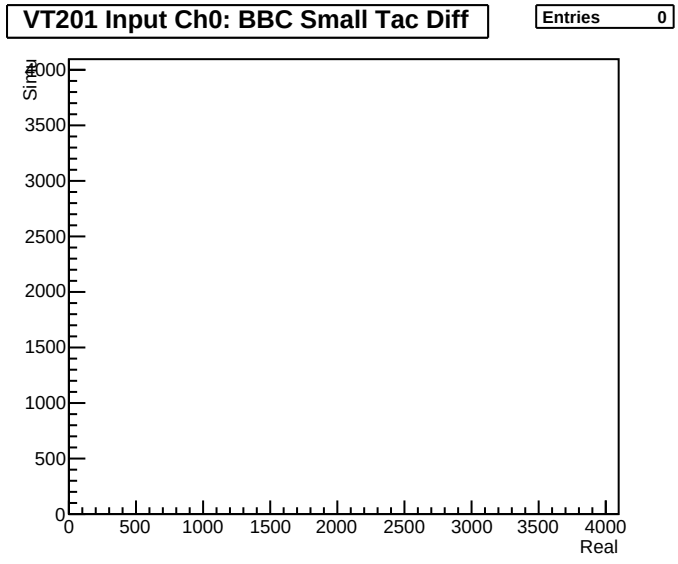

zdcWestTac
Entries6954977

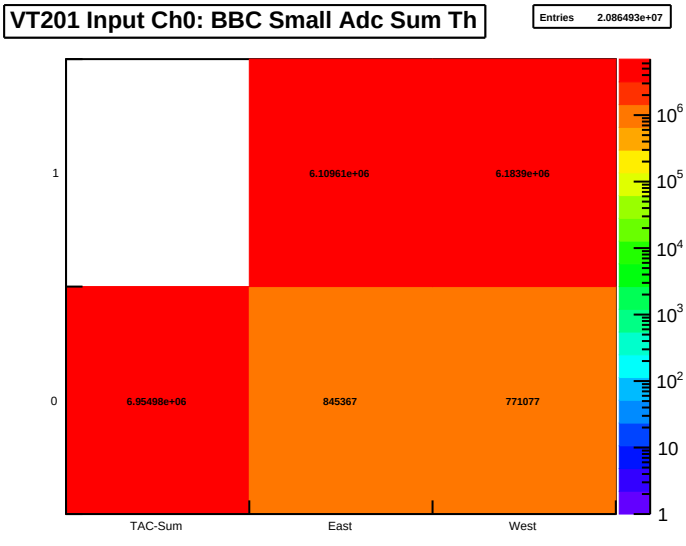

zdcWestTacVsSimu
Entries 854684
Data
Simu

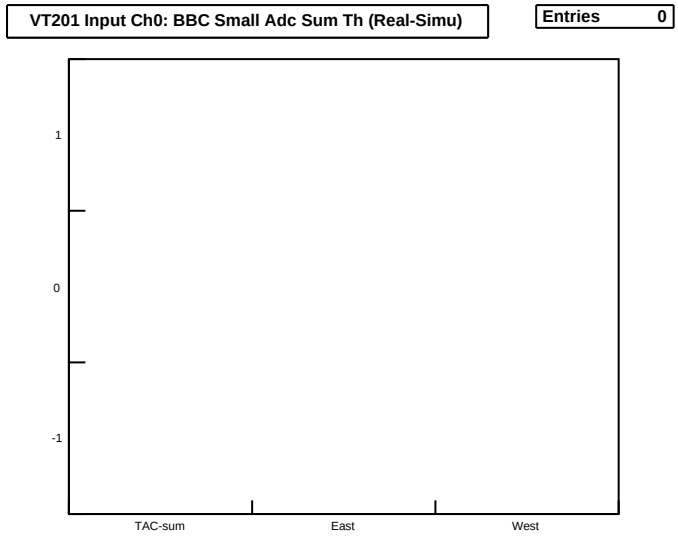

zdcAdcSum
Entries 8.345973e+07
885
315
797496
318285
1.15864e+06
879
188
1.01991e+06
424630
1.50468e+06
6.95408e+06
6.95466e+05
6.96498e+06
6.15748e+06
6.63669e+06
5.79634e+05
6.9541e+06
6.95479e+06
6.95498e+05
5.92506e+06
6.53035e+06
5.4503e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

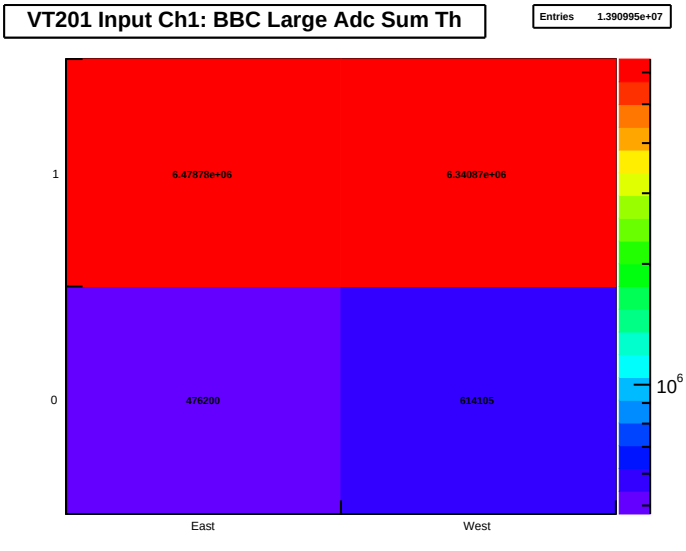

zdcAdcSumDiff
Entries 1.013395e+07
575
222
525769
208515
769586
650
141
759084
318967
1.11546e+06
635363
636580
636673
364946
433729
154444
695527
695709
695756
434926
666945
383386
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

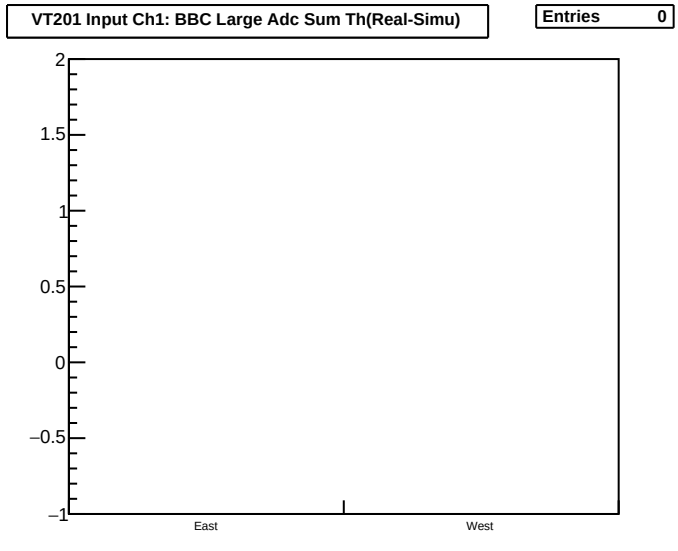

VT201 Input Ch0: BBC Small Tac Diff
Entries6954977
Tac


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

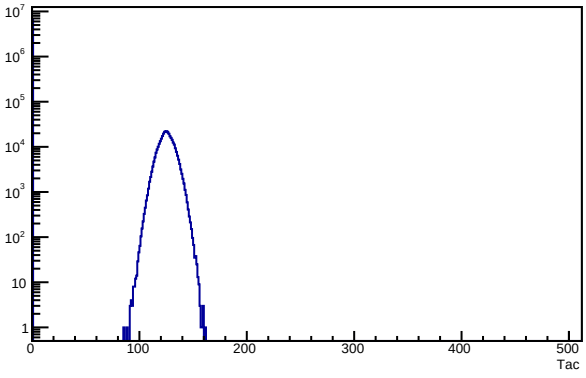

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.086493e+07
6.10961e+06
6.1839e+06
6.95498e+06
845367
771077
TAC-Sum
East
West


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

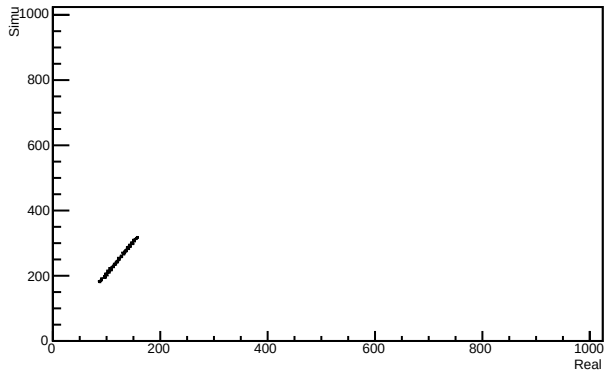

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.390995e+07
6.47878e+06
6.34087e+06
476200
614105
East
West


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

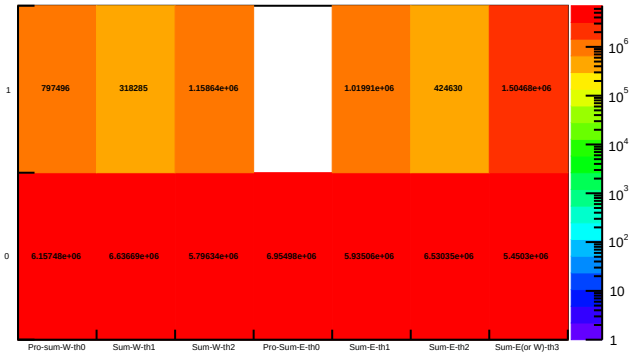
VT201 Input Ch2: ZDC Tac Diff



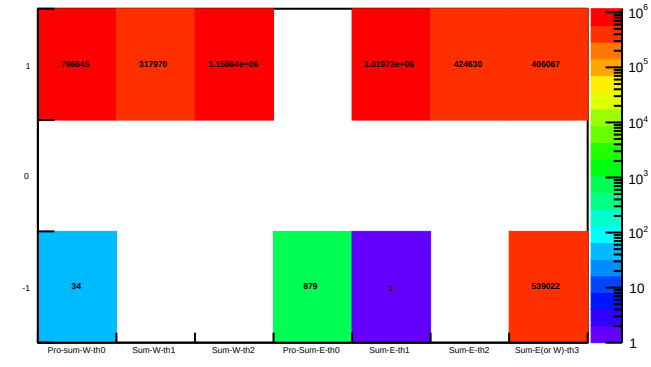
VT201 Input Ch2: ZDC Tac Diff



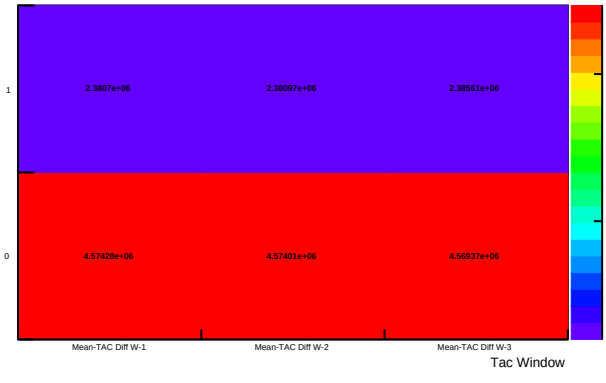
VT201 Input Ch2: ZDC Adc Sum Th



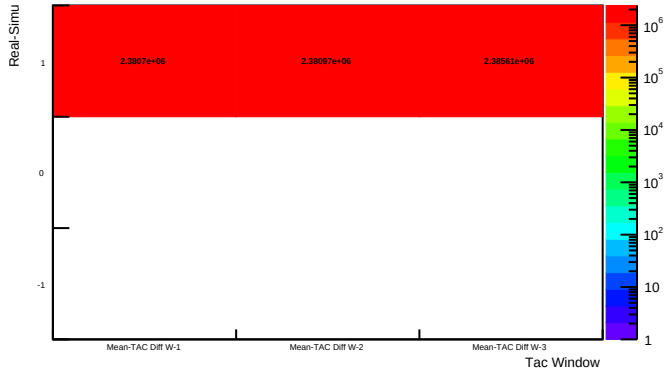
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



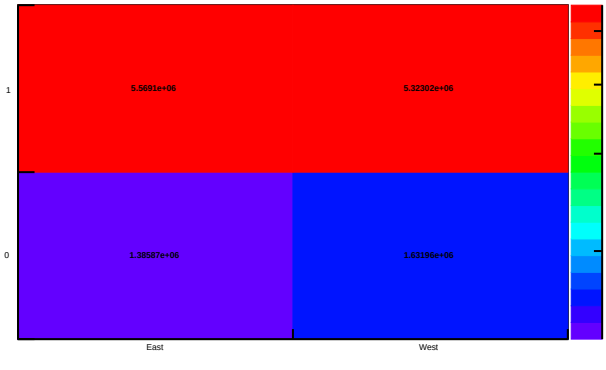
VT201 Input Ch4: VPD Tac Diff



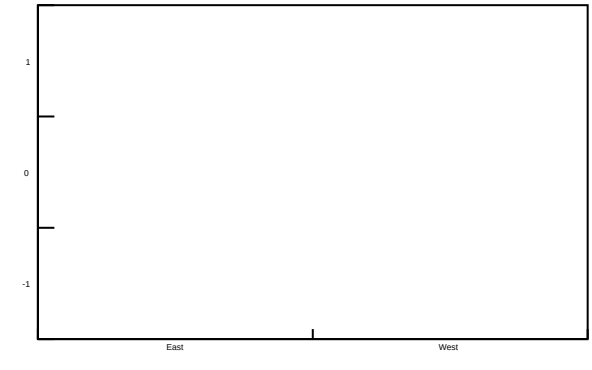
VT201 Input Ch4: VPD Tac Diff

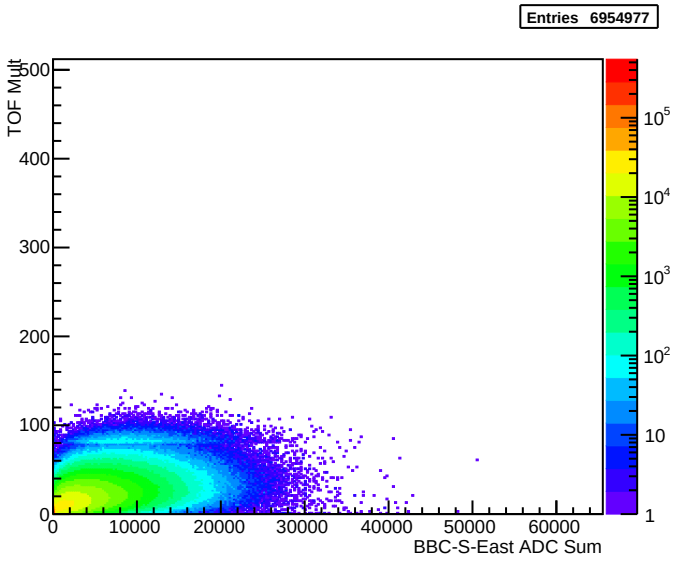


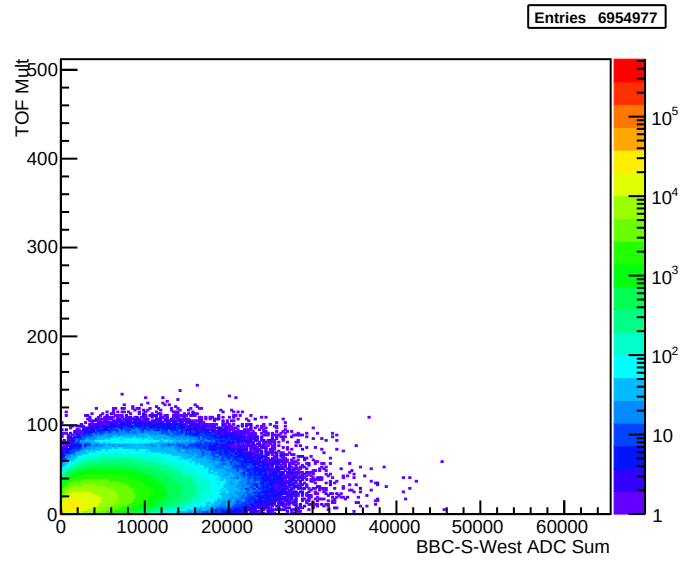
VT201 Input Ch4: VPD Adc Sum Th

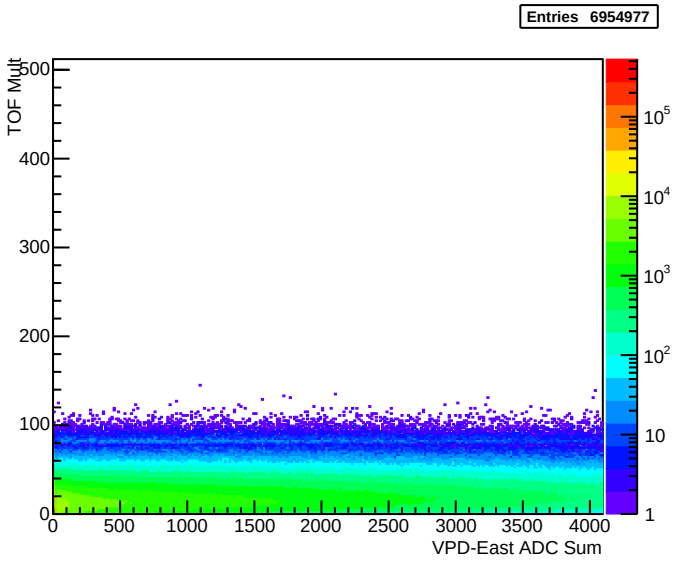


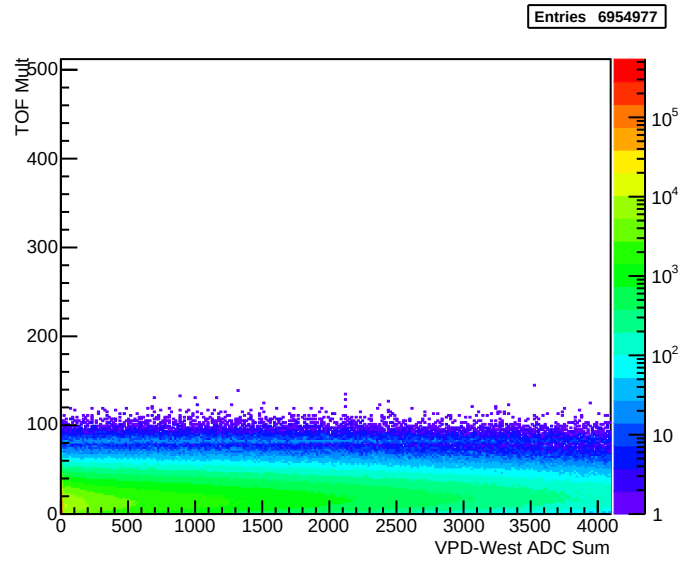
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

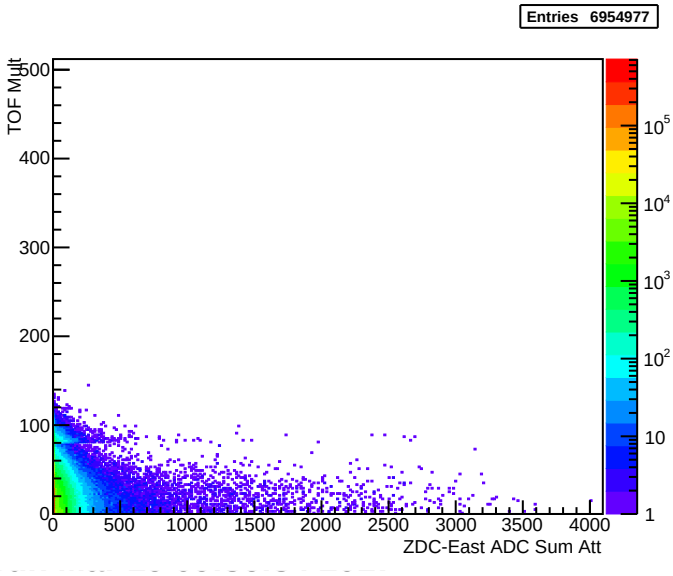


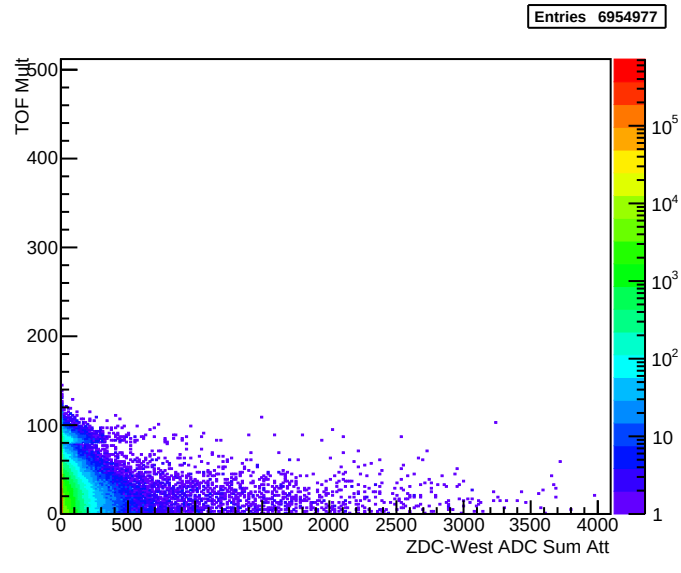

Entries 6954977
TOF Mult
BBC-S-East ADC Sum

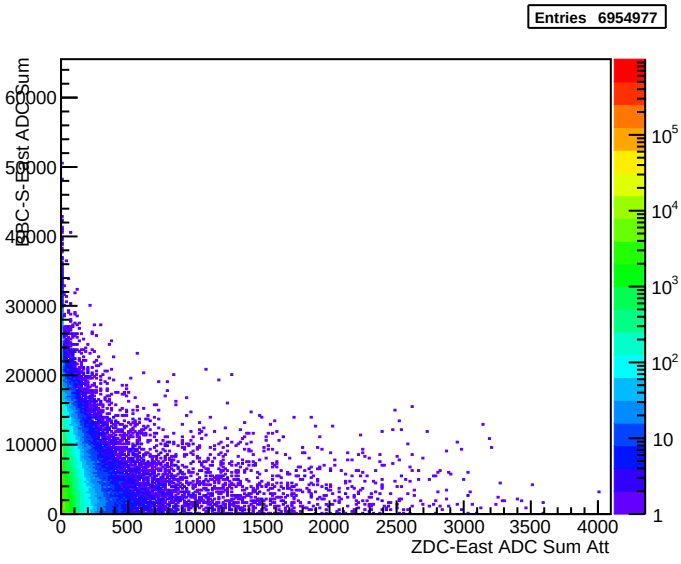

Entries 6954977
TOF Mult
BBC-S-West ADC Sum

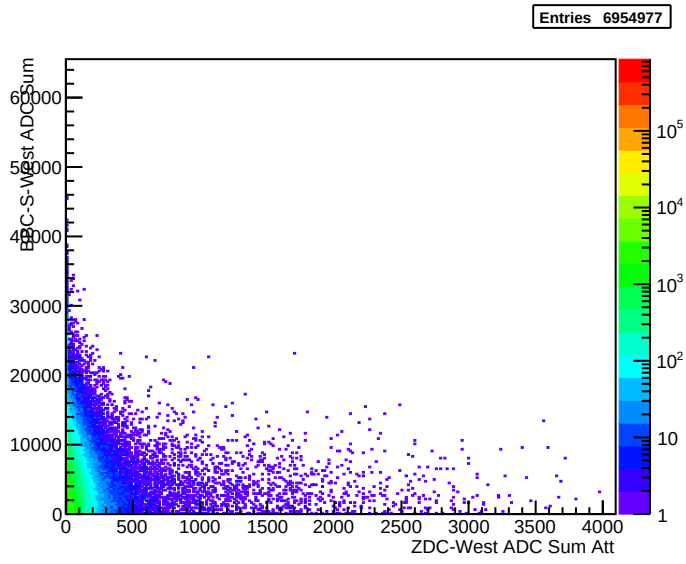

Entries 6954977
TOF Mult
VPD-East ADC Sum

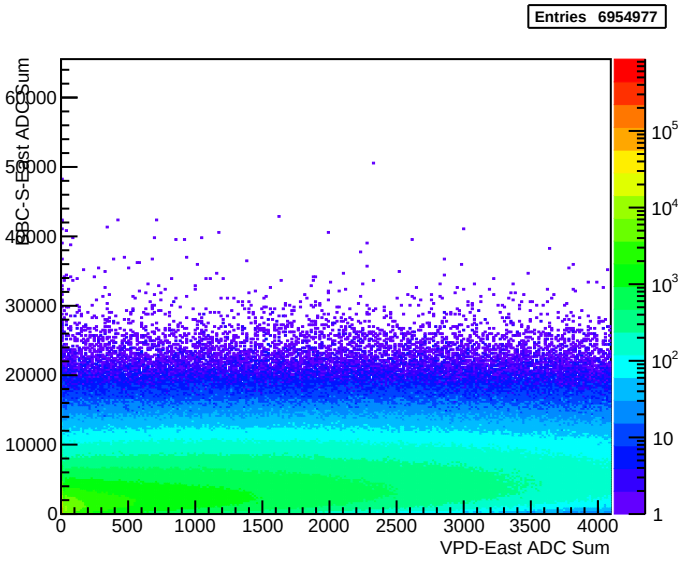

Entries 6954977
TOF Mult
VPD-West ADC Sum

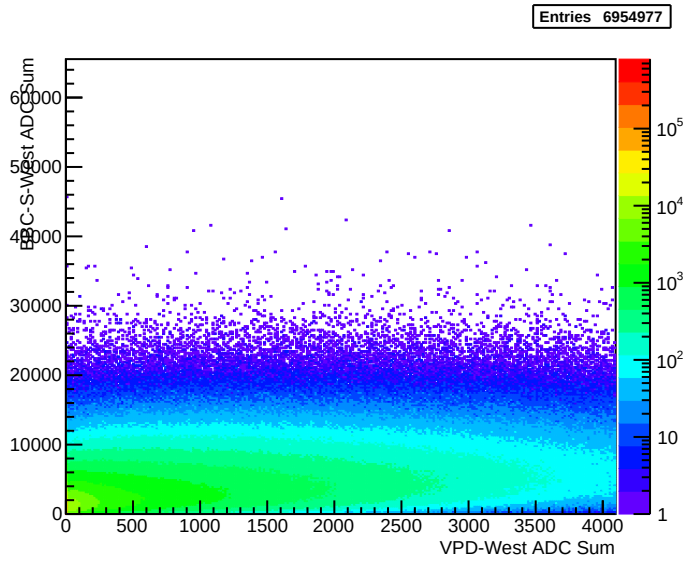

Entries 6954977
TOF Mult
ZDC-East ADC Sum Att

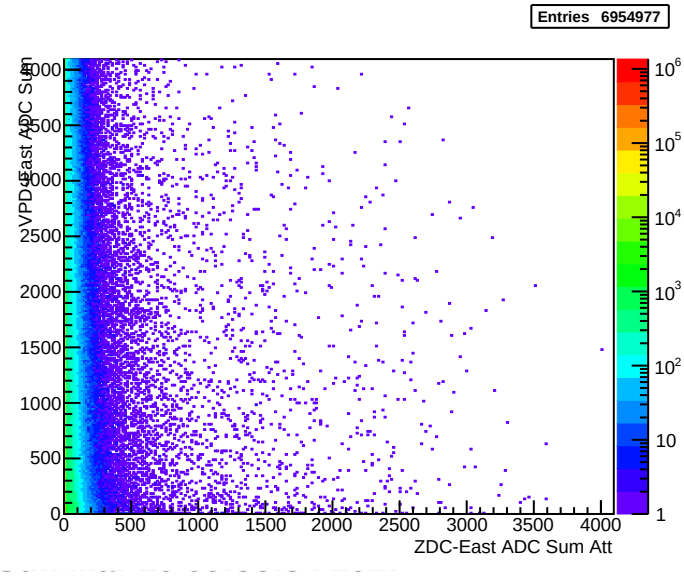

Entries 6954977
TOF Mult
ZDC-West ADC Sum Att

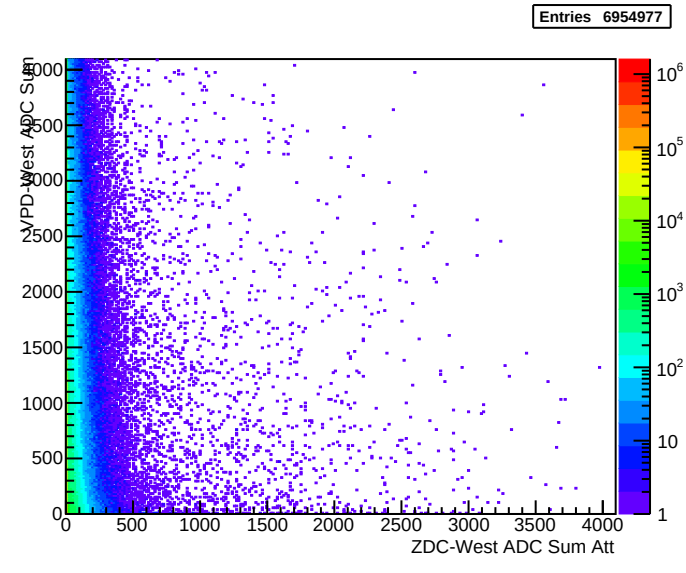

Entries 6954977
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

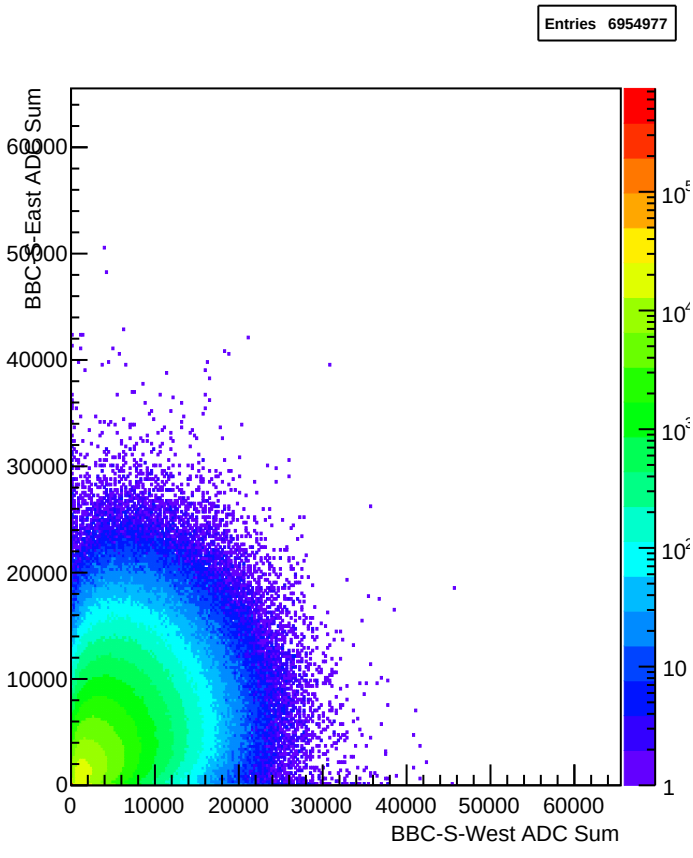

Entries 6954977
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

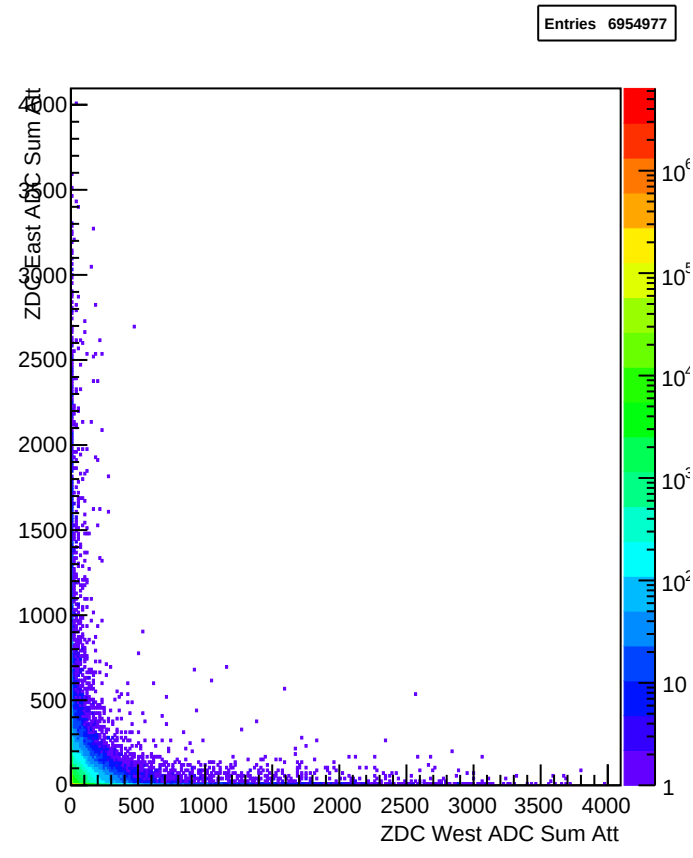

Entries 6954977
BBC-S-East ADC Sum
VPD-East ADC Sum

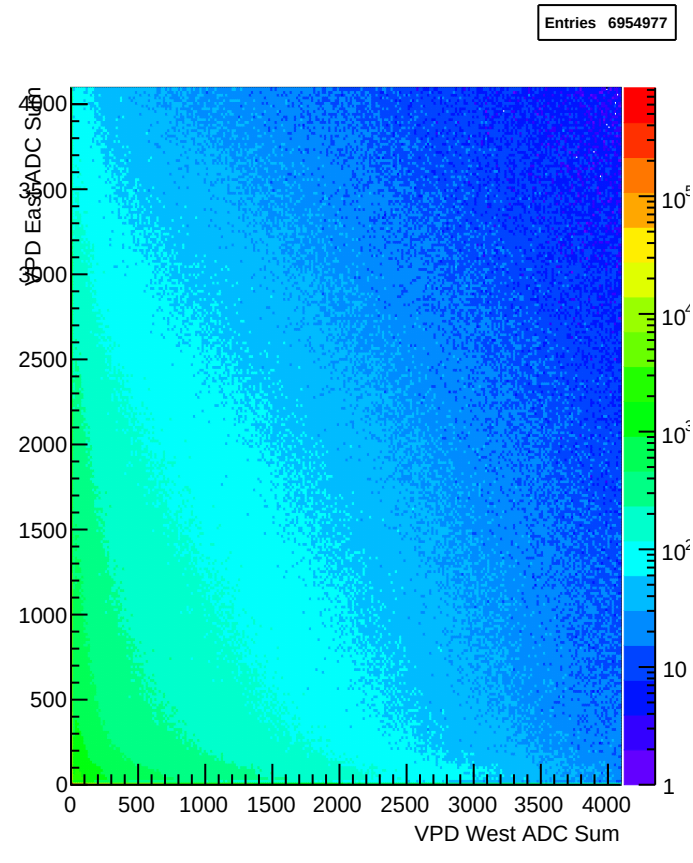

Entries 6954977
BBC-S-West ADC Sum
VPD-West ADC Sum

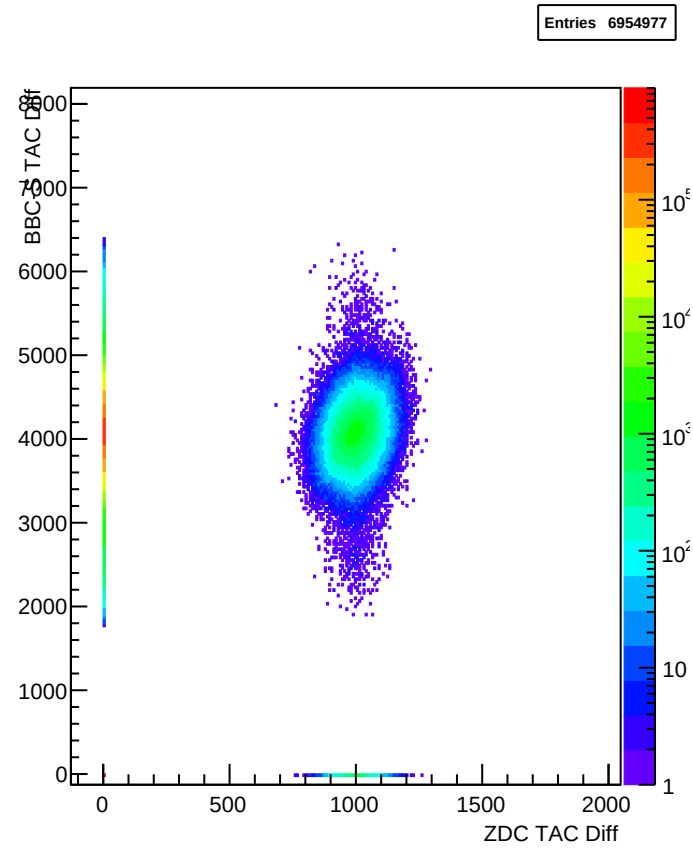

Entries 6954977
VPD-East ADC Sum
ZDC-East ADC Sum Att

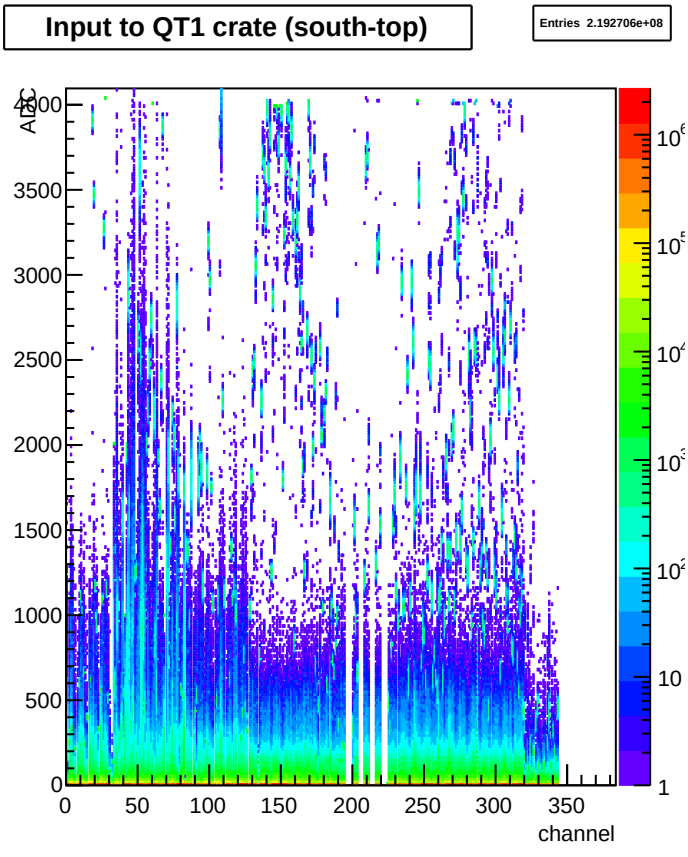

Entries 6954977
VPD-West ADC Sum
ZDC-West ADC Sum Att

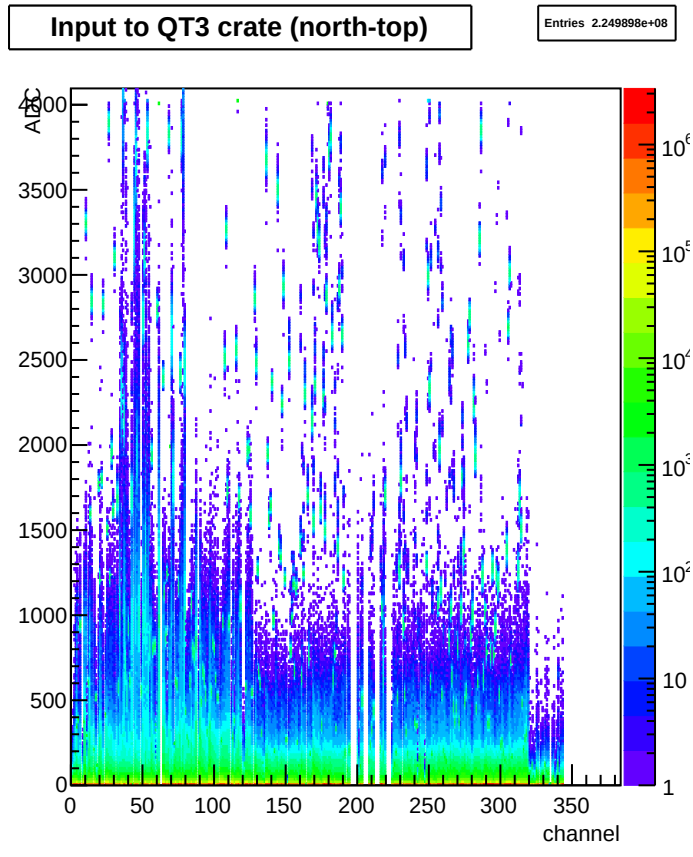

Entries 6954977
BBC-S-East ADC Sum
BBC-S-West ADC Sum

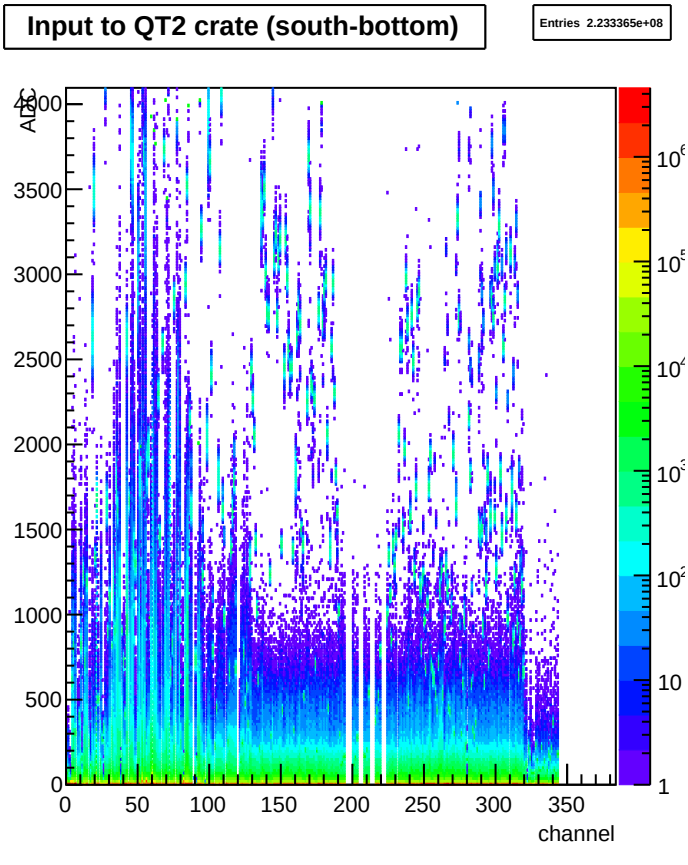

Entries 6954977
ZDC East ADC Sum Att
ZDC West ADC Sum Att

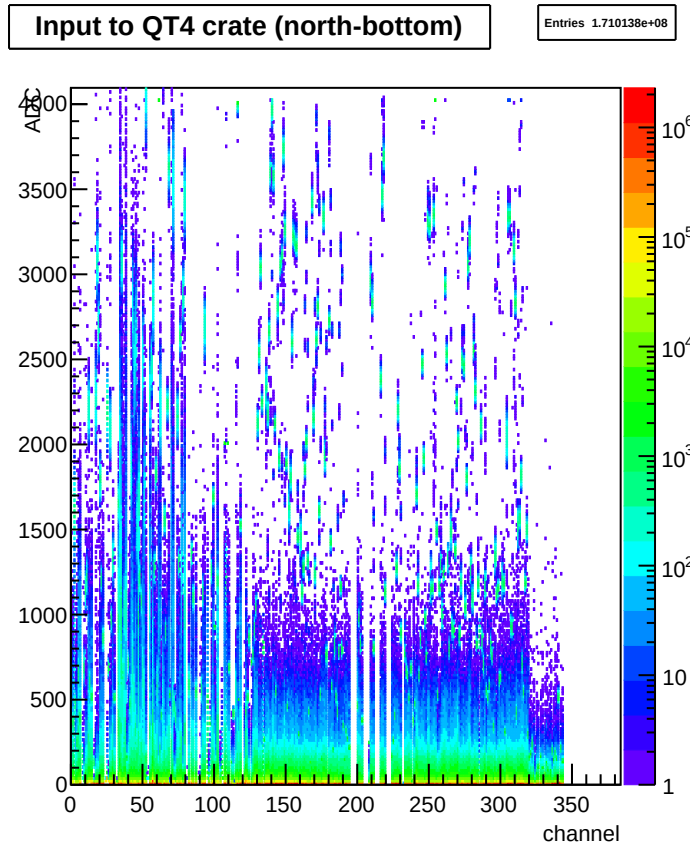

Entries 6954977
VPD East ADC Sum
VPD West ADC Sum

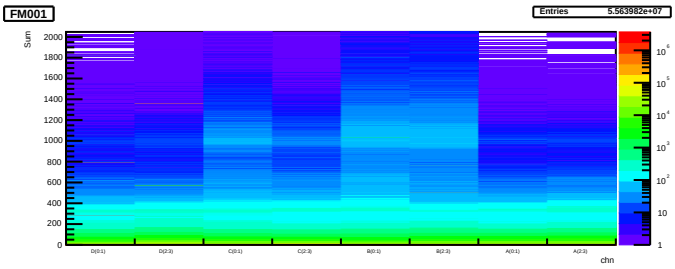

Entries 6954977
BBC-S TAC Diff
ZDC TAC Diff

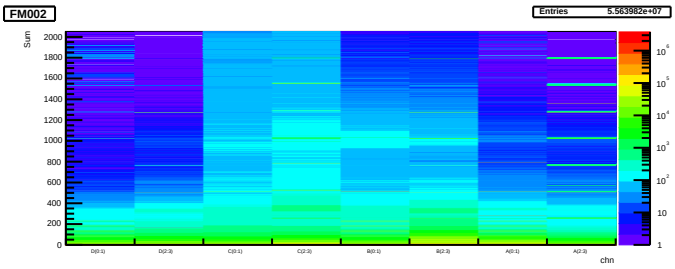

Input to QT1 crate (south-top)
Entries 2.192706e+08
ADC
channel

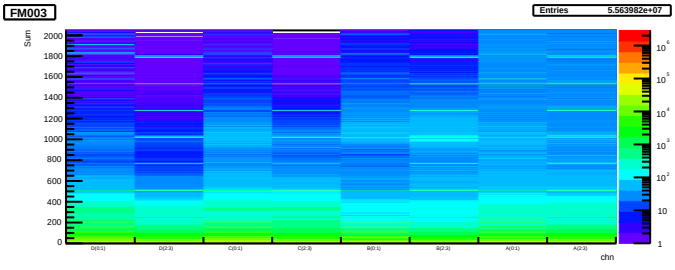

Input to QT3 crate (north-top)
Entries 2.249898e+08
ADC
channel

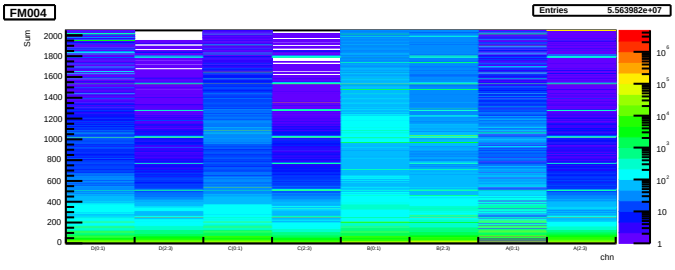

Input to QT2 crate (south-bottom)
Entries 2.233365e+08
ADC
channel

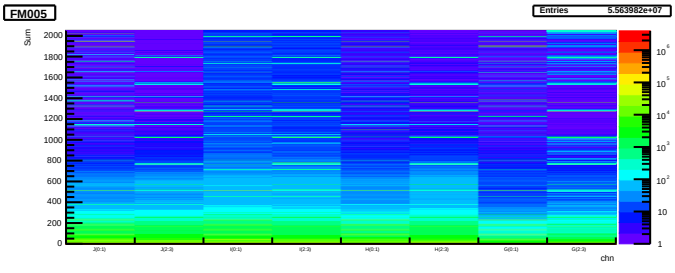

Input to QT4 crate (north-bottom)
Entries 1.710138e+08
ADC
channel

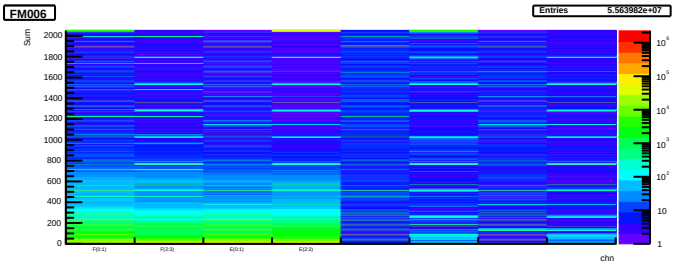

FM001
Entries 5.563982e+07
Sum
chn


FM002
Entries 5.563982e+07
Sum
chn


FM003
Entries 5.563982e+07
Sum
chn


FM004
Entries 5.563982e+07
Sum
chn


FM005
Entries 5.563982e+07
Sum
chn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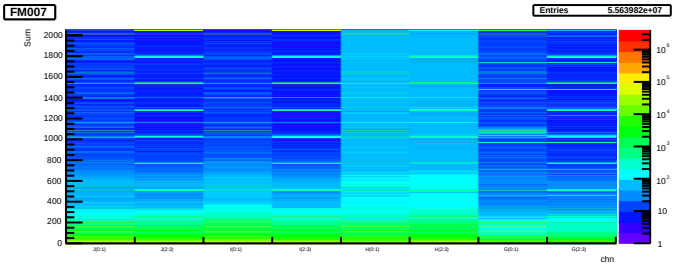
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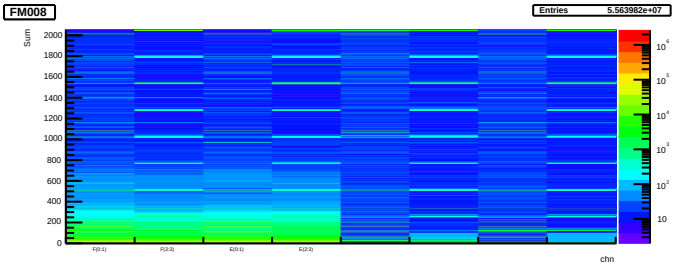
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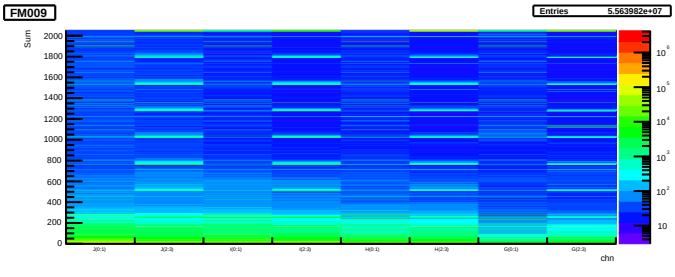
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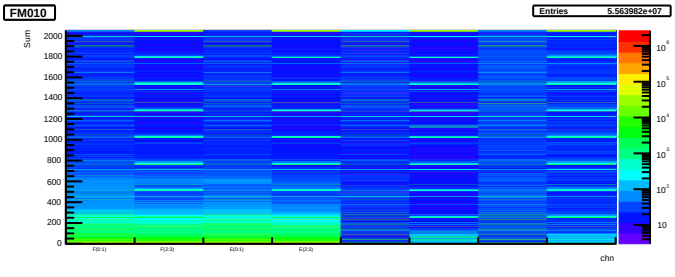
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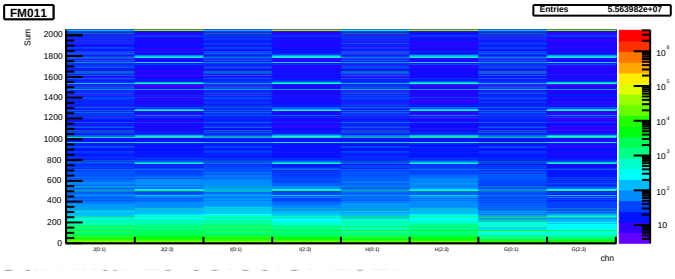
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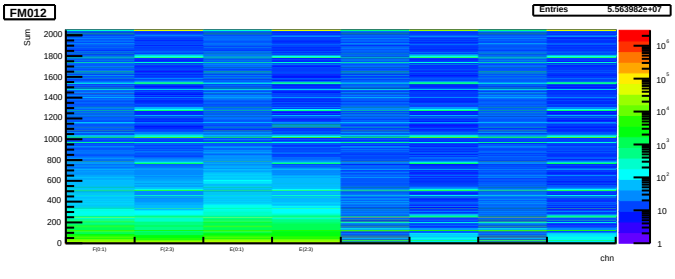
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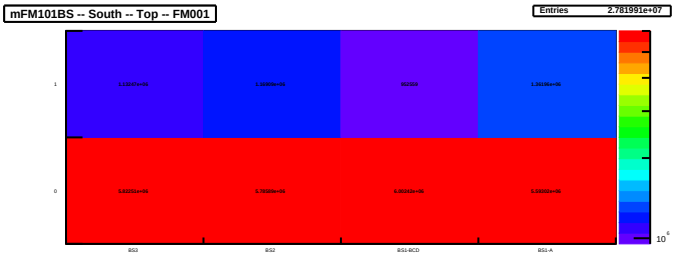
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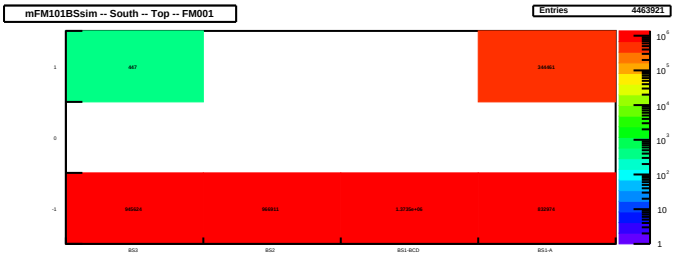
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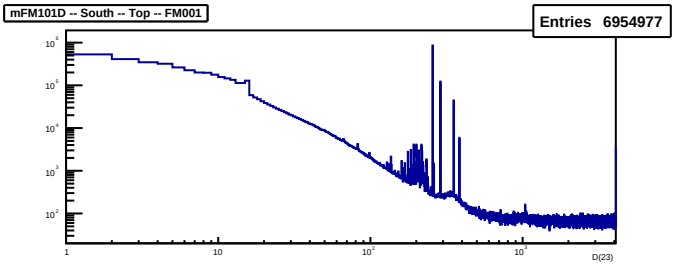
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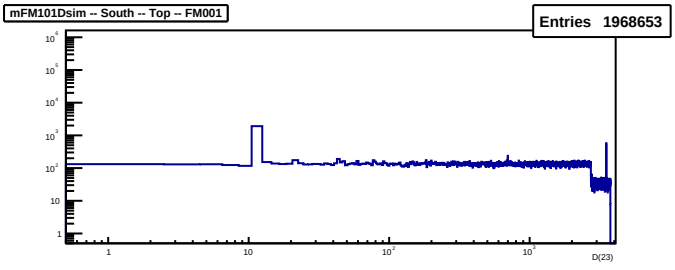
Entries 6954977
D(23)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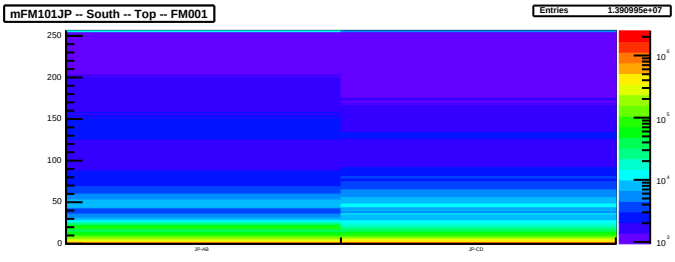
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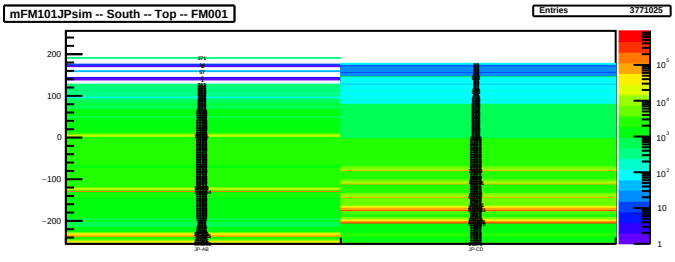
Entries 1.390995e+07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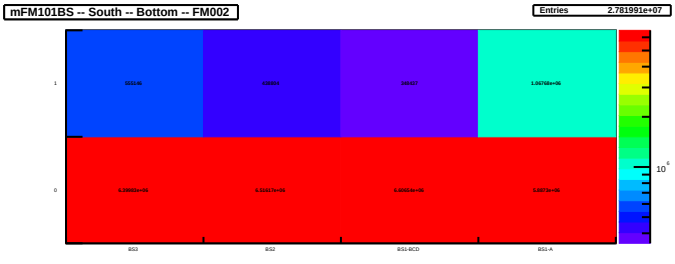
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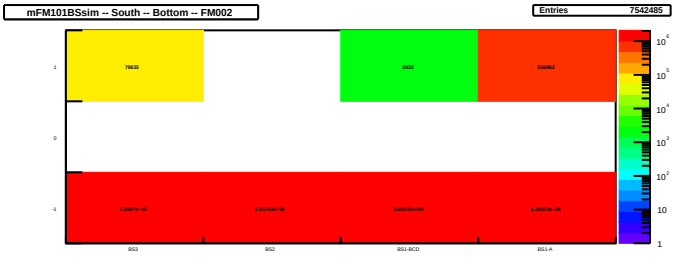
Entries 2.781991e+07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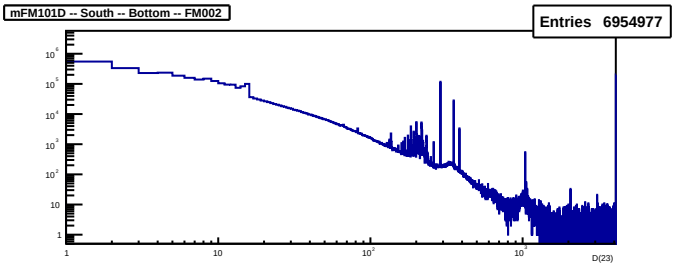
Entries 7542485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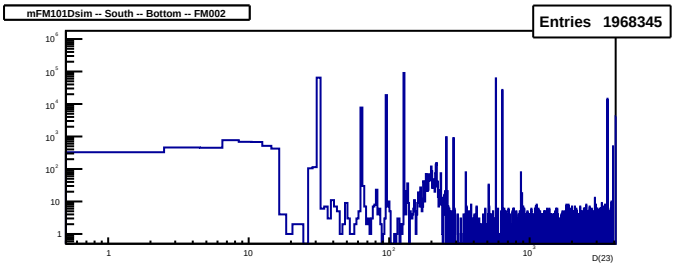
Entries 6954977
D(23)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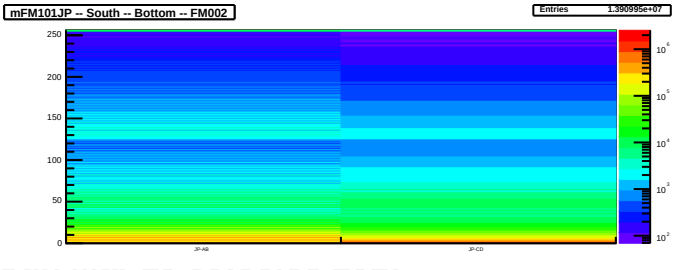
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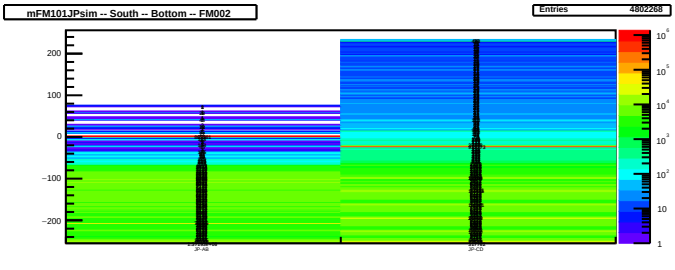
Entries 1.390995e+07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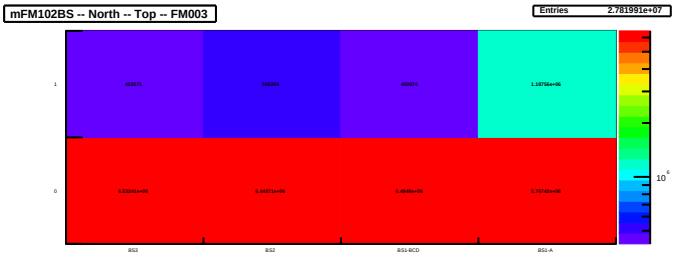

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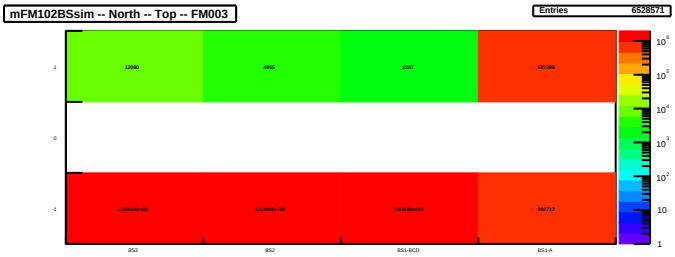

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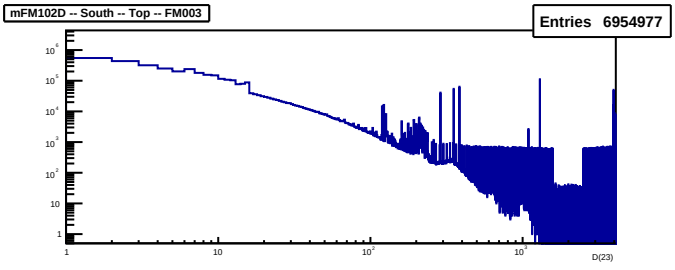

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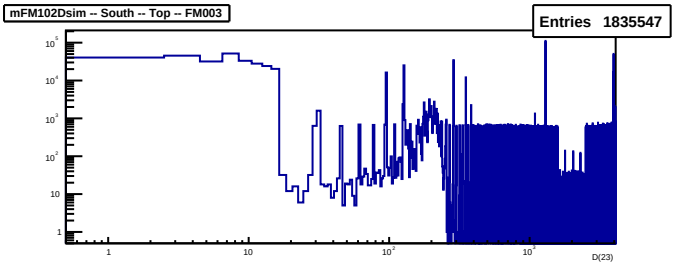

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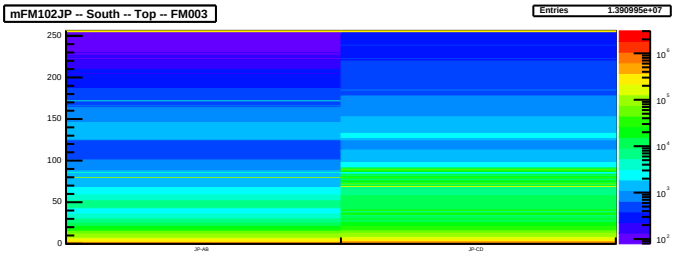

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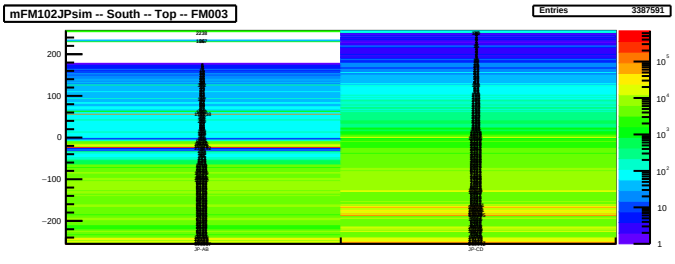

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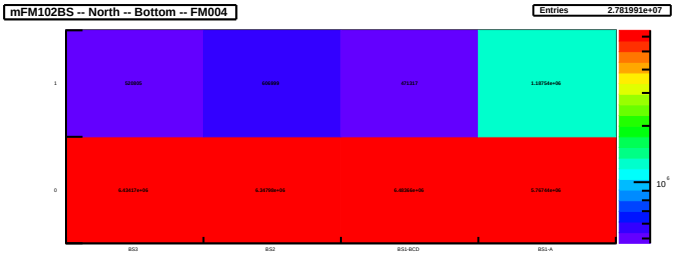
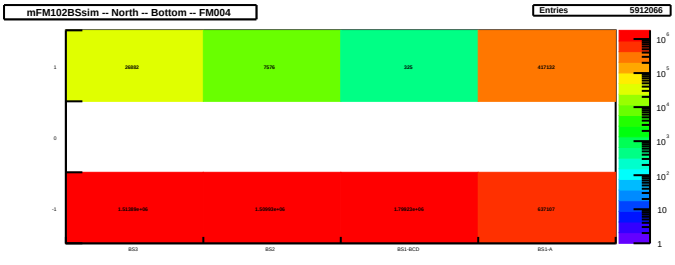


mFM102BSsim -- North -- Bottom -- FM004



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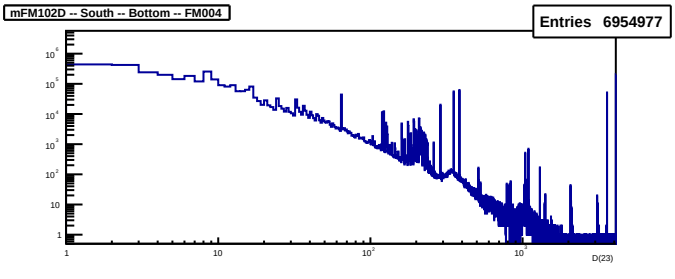

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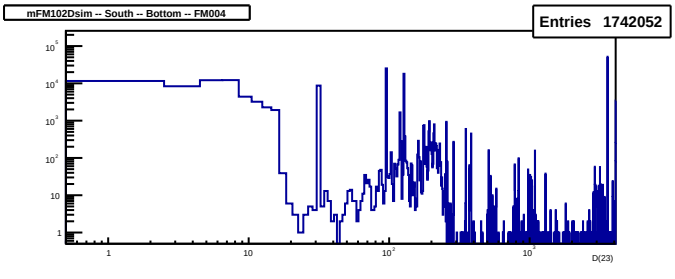

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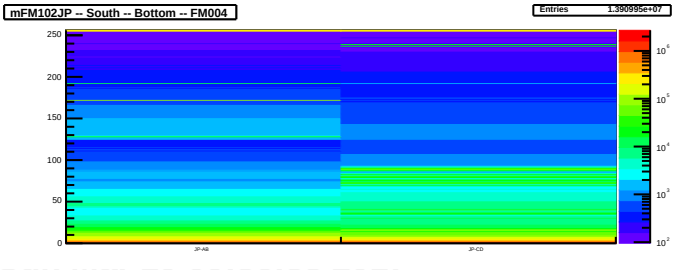

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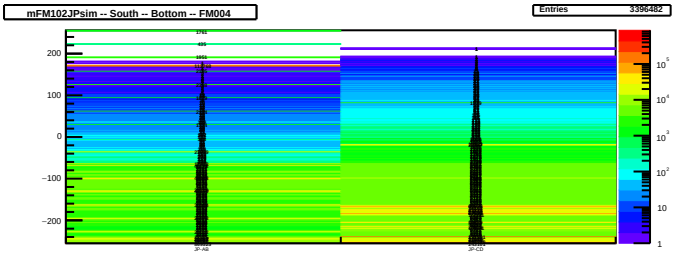
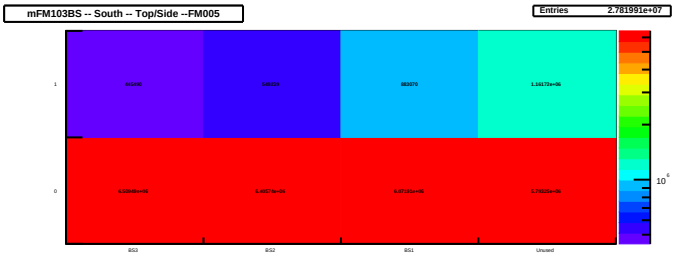
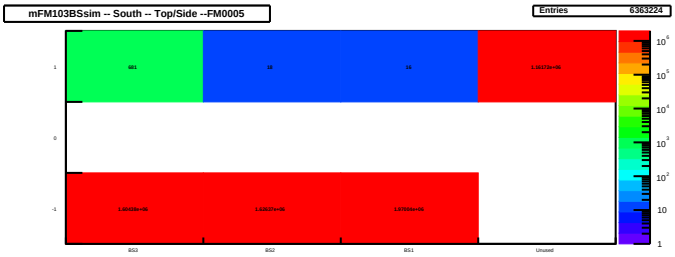



mFM103BS -- South -- Top/Side --FM005
Entries 2.781991e+07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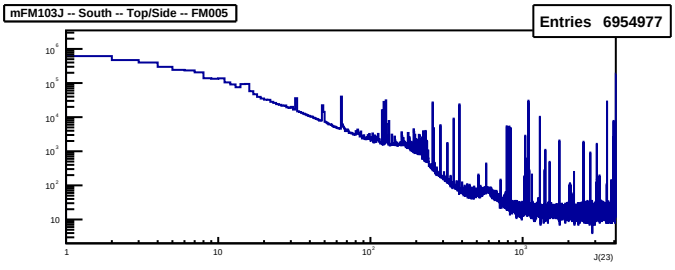
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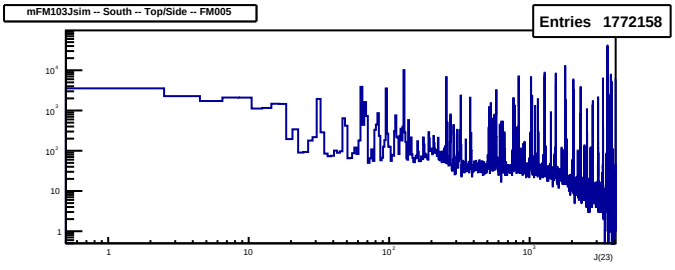
Entries 6954977
J(23)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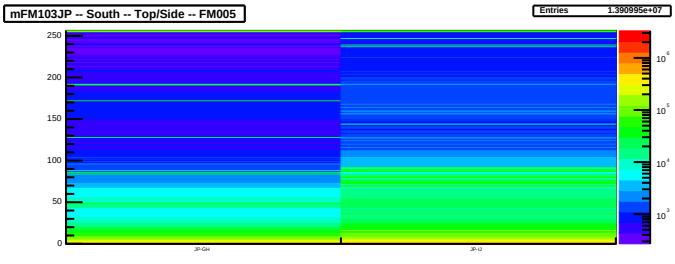
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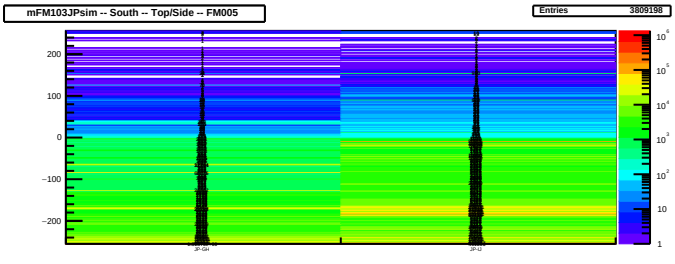
Entries 1.390995e+07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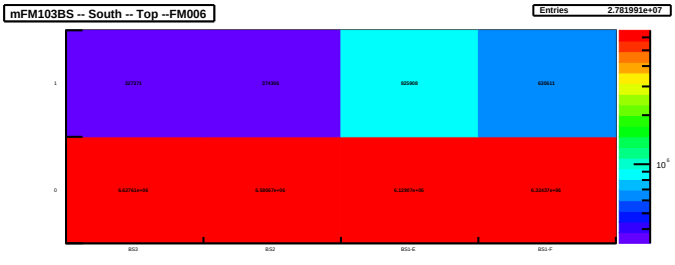
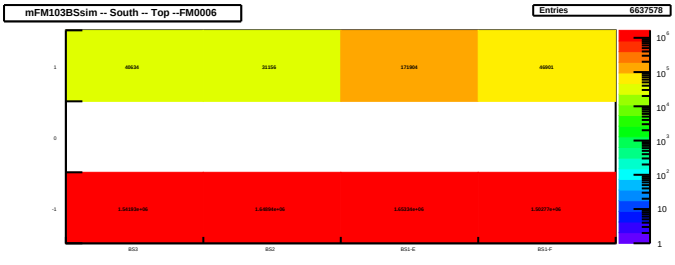

mFM103BS -- South -- Top --FM006
Entries 2.781991e+07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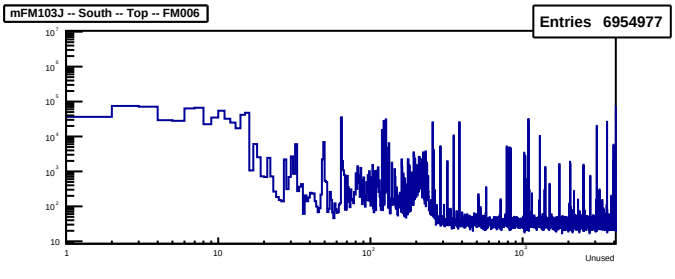
mFM103J -- South -- Top -- FM006
Entries 6954977
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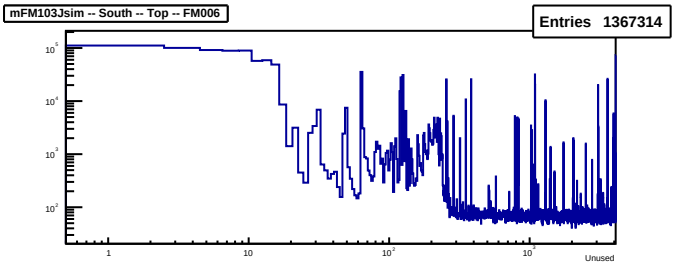
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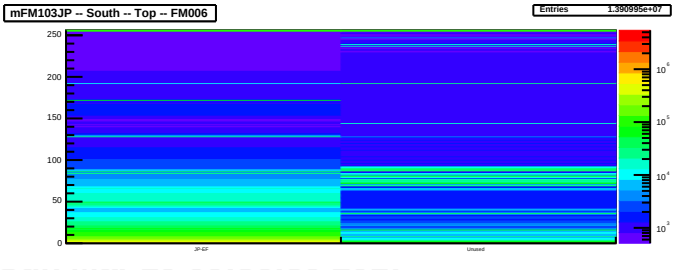
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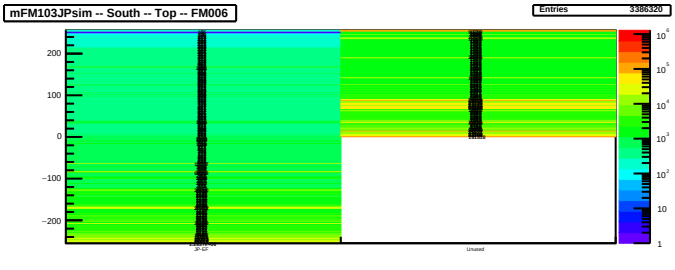
Entries 1.390995e+07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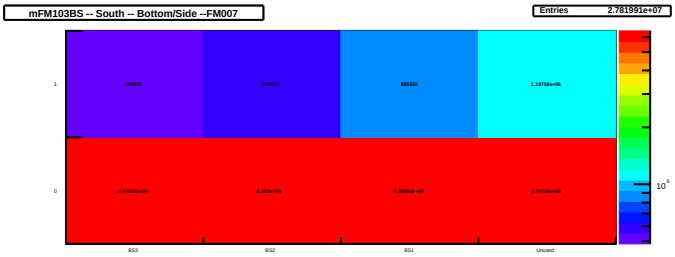
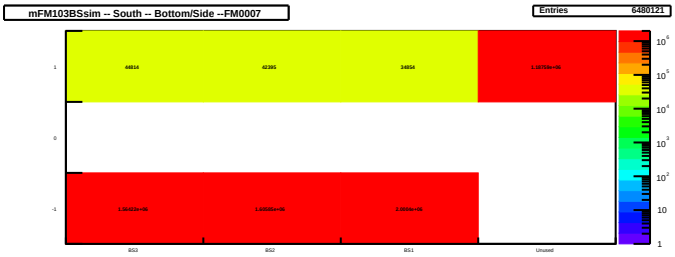

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.781991e+07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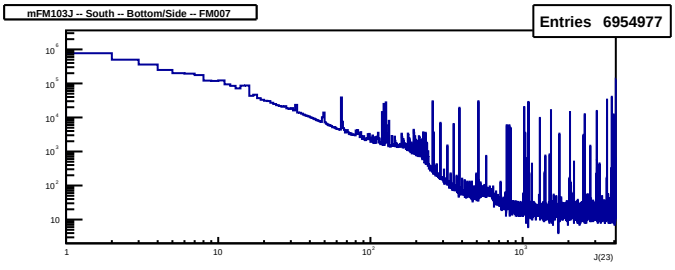
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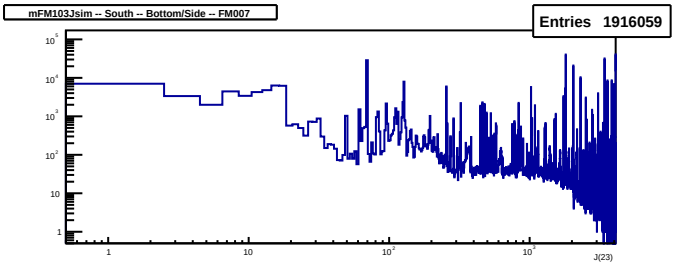
Entries 6954977
J(23)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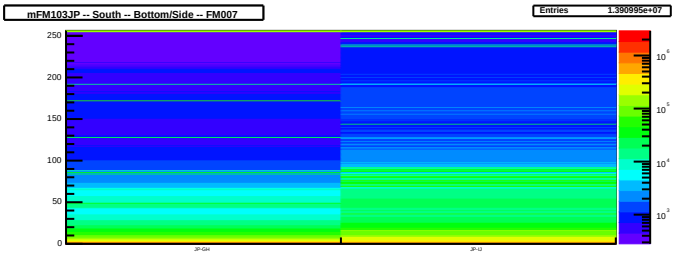
J(23)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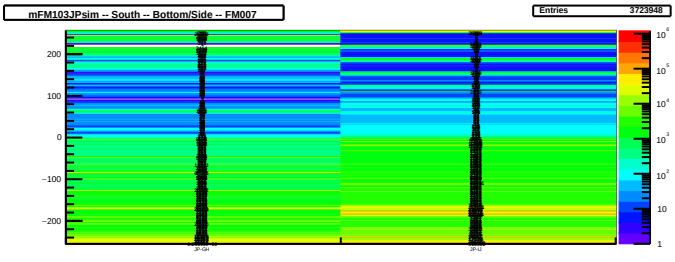
Entries 1.390995e+07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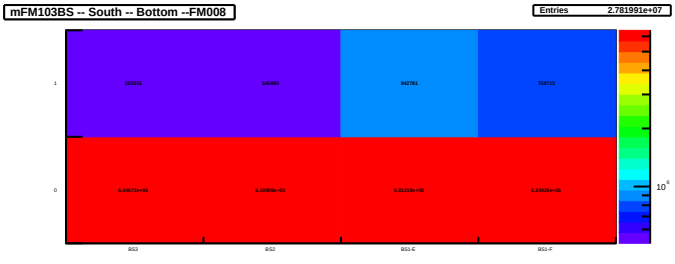
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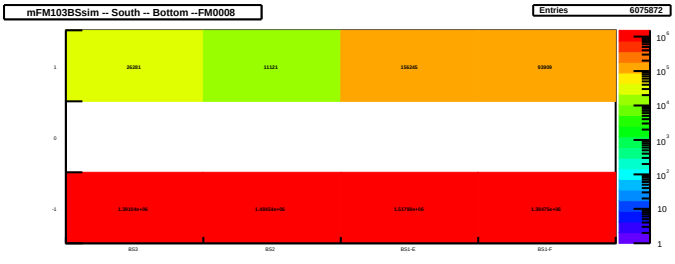
Entries 2.781991e+07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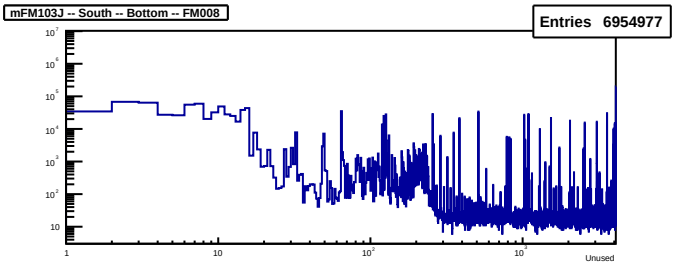
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Entries 6954977
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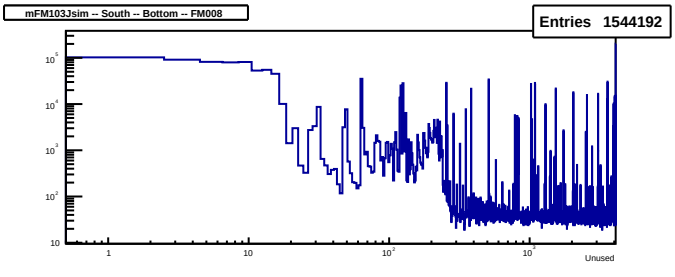
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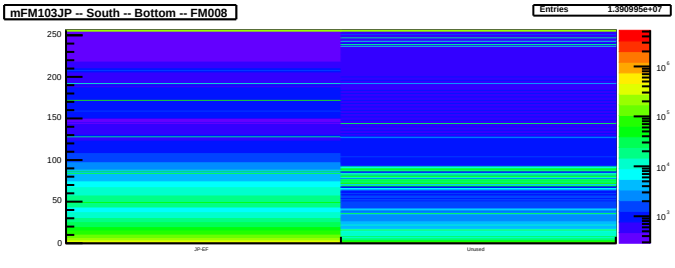
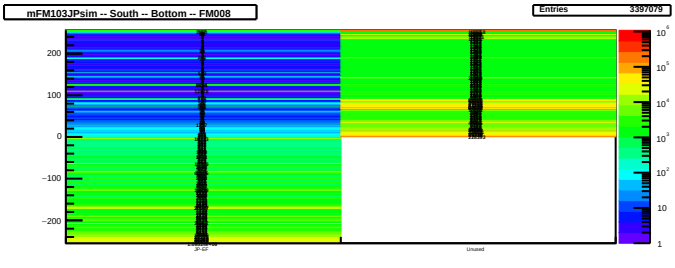
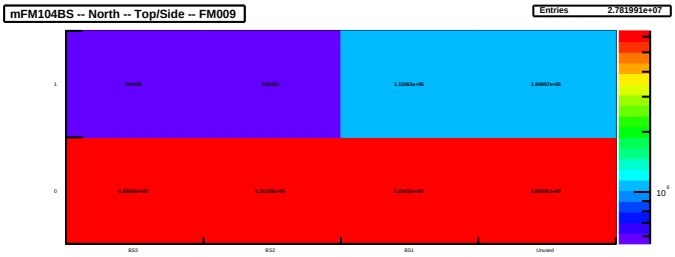
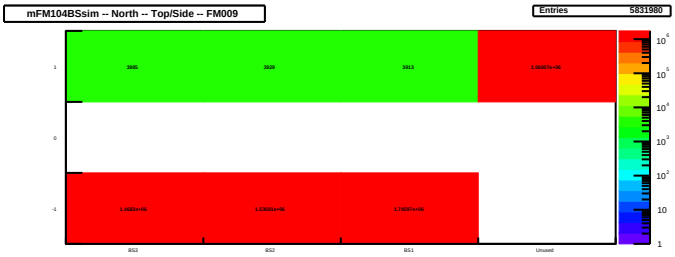
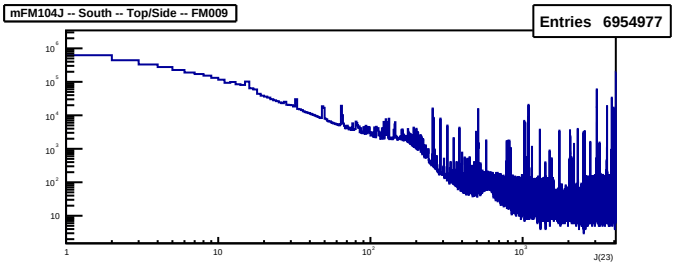
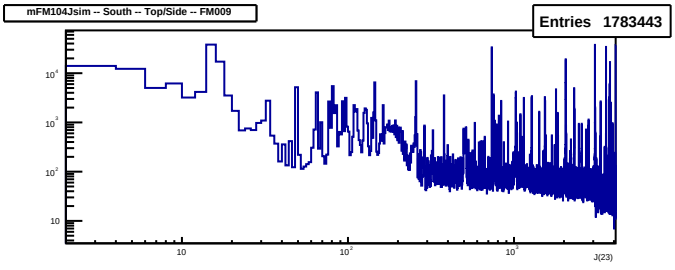

mFM103JP -- South -- Bottom -- FM008
Entries 1.390995e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3397079


mFM104BS -- North -- Top/Side -- FM009
Entries 2.781991e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5831980


mFM104J -- South -- Top/Side -- FM009
Entries 6954977
J(23)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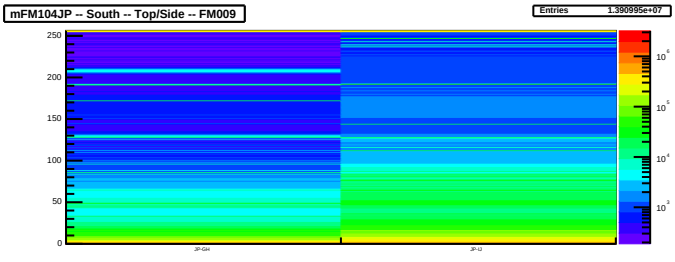
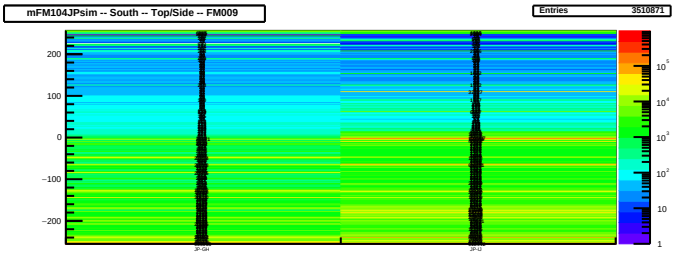
Entries 1783443
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.390995e+07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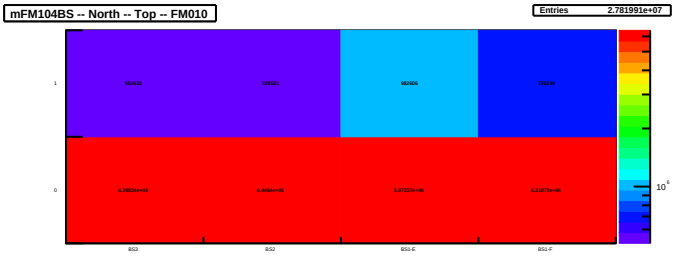
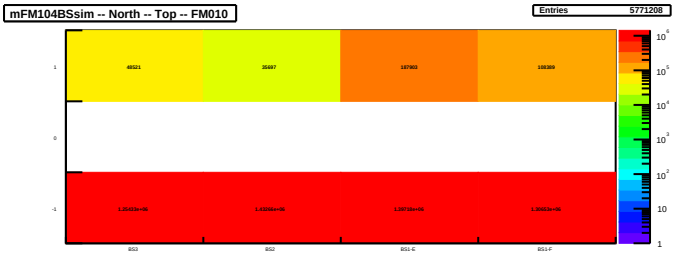
Entries 3510871


mFM104BS -- North -- Top -- FM010
Entries 2.781991e+07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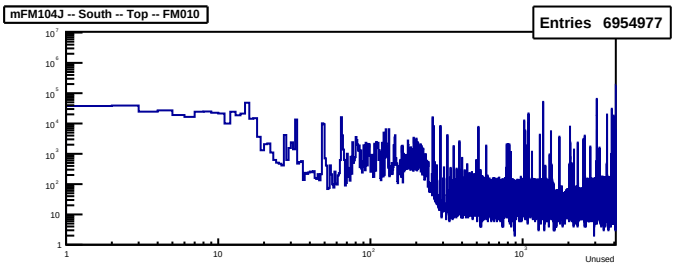
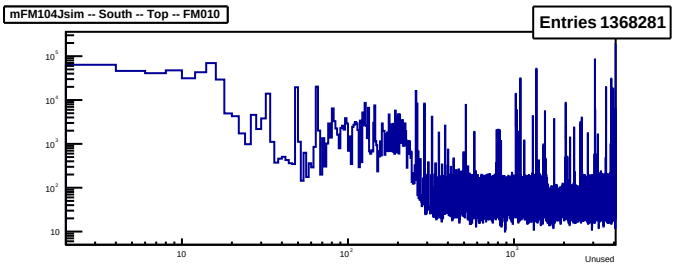
Entries 5771208


mFM104J -- South -- Top -- FM010
Entries 6954977
Unused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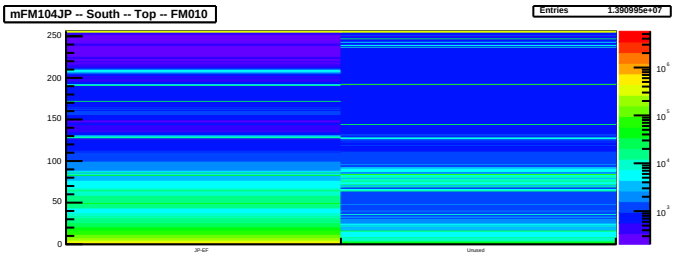
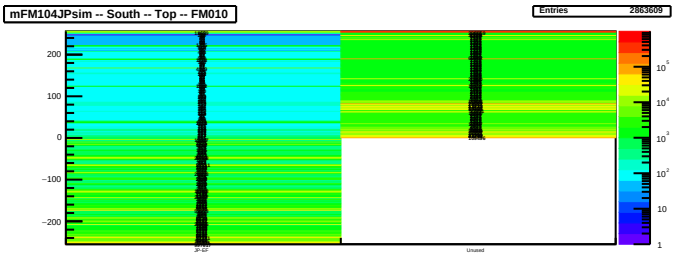
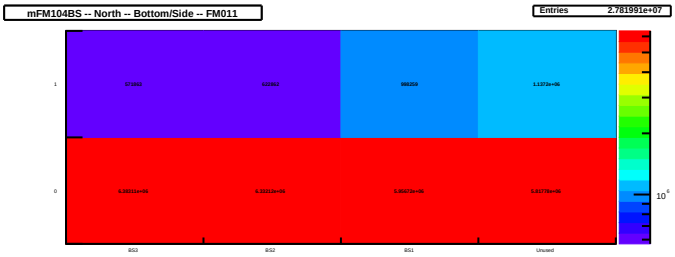
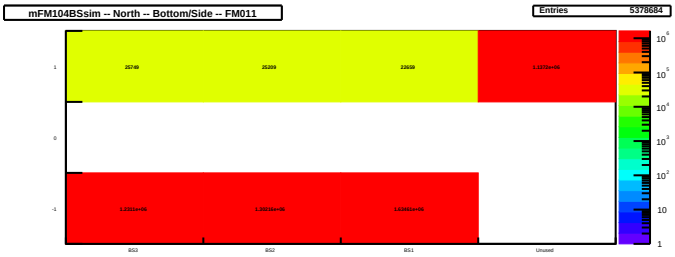
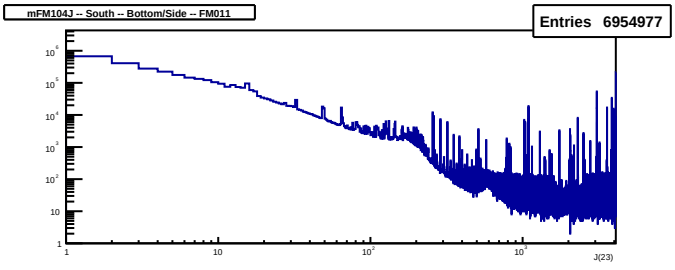
Entries 1368281
Unused

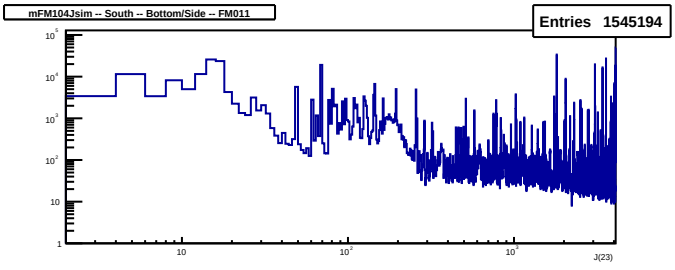

mFM104JP -- South -- Top -- FM010
Entries 1.390995e+07

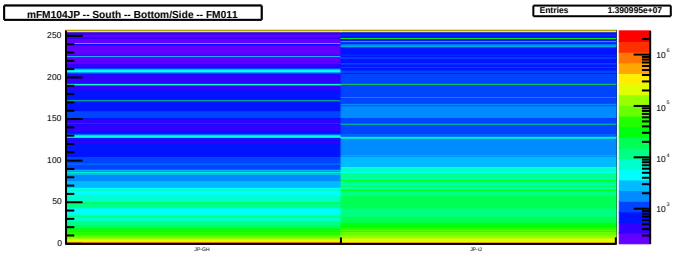

mFM104JPsim -- South -- Top -- FM010
Entries 2863609

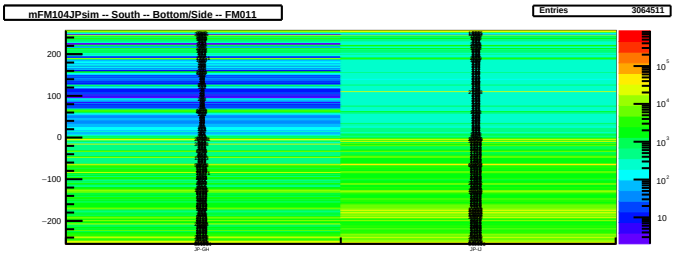

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.781991e+07

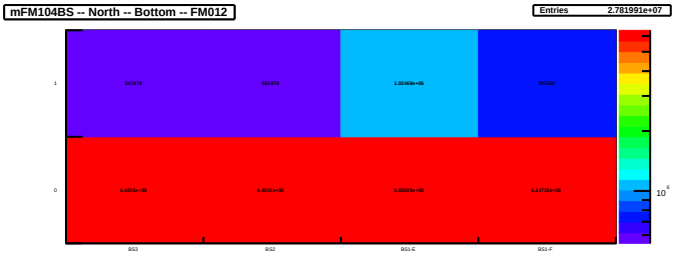

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5378684

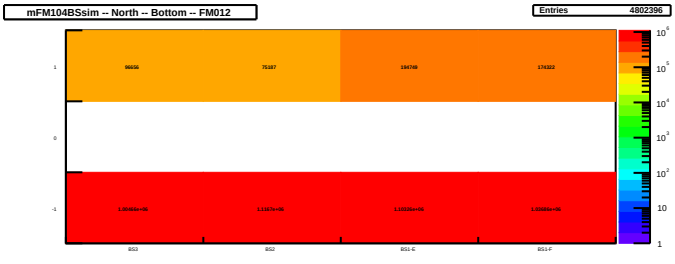

mFM104J -- South -- Bottom/Side -- FM011
Entries 6954977
J(23)

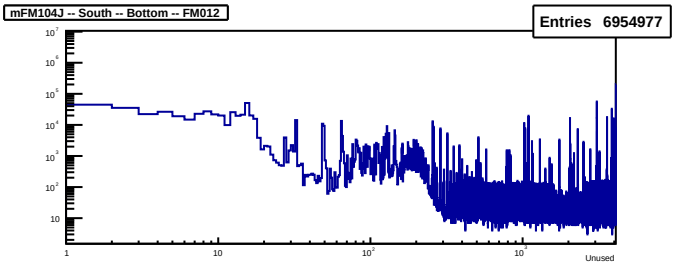

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1545194
J(23)

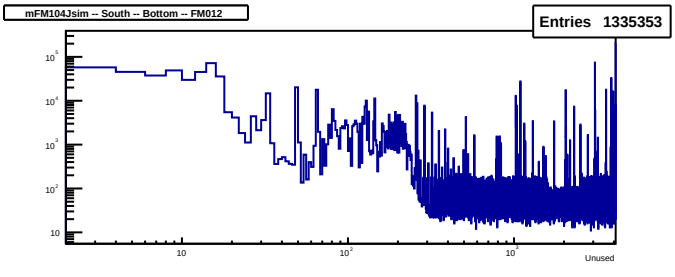

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.390995e+07

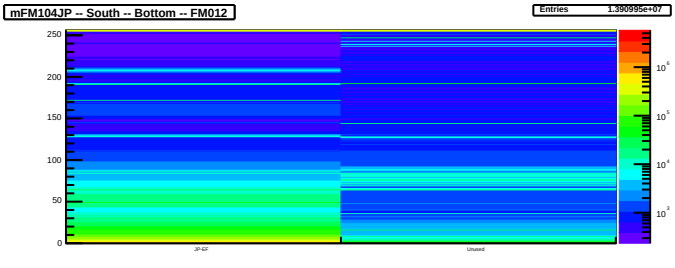

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3064511

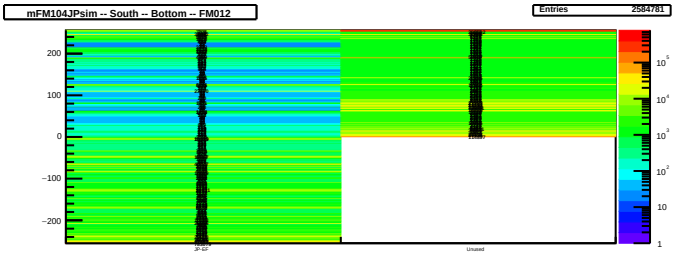

mFM104BS -- North -- Bottom -- FM012
Entries 2.781991e+07

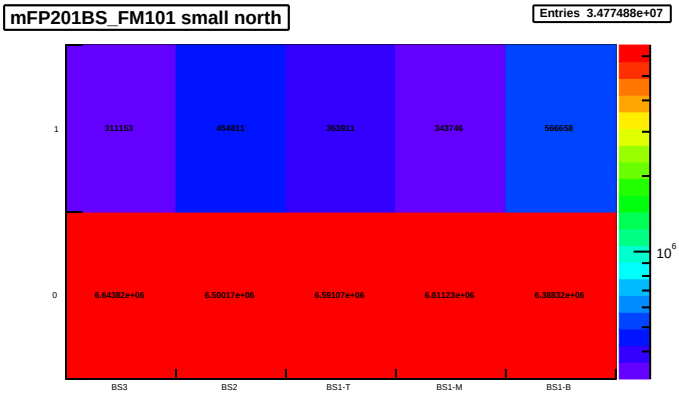

mFM104BSsim -- North -- Bottom -- FM012
Entries 4802396

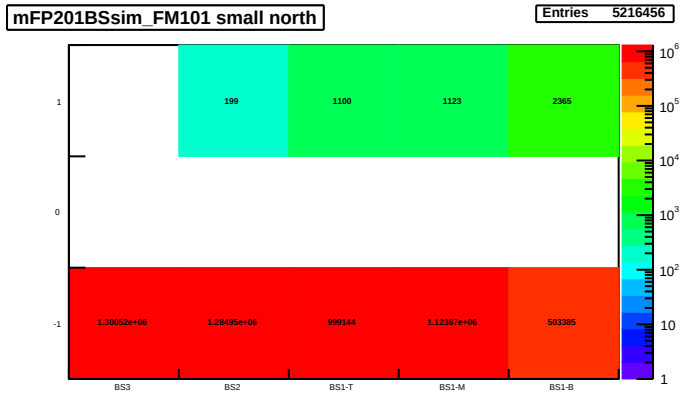

mFM104J -- South -- Bottom -- FM012
Entries 6954977
Unused

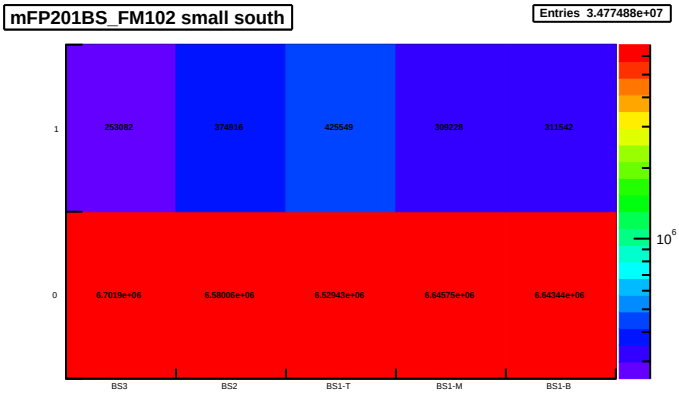

mFM104Jsim -- South -- Bottom -- FM012
Entries 1335353
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 1.390995e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 2584781


mFP201BS_FM101 small north
Entries 3.477488e+07
1
0
311153
454811
363911
343746
566658
6.64382e+06
6.50017e+06
6.59107e+06
6.61123e+06
6.38832e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 5216456
1
0
-1
199
1100
1123
2365
1.30052e+06
1.28495e+06
999144
1.12367e+06
503385
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 3.477488e+07
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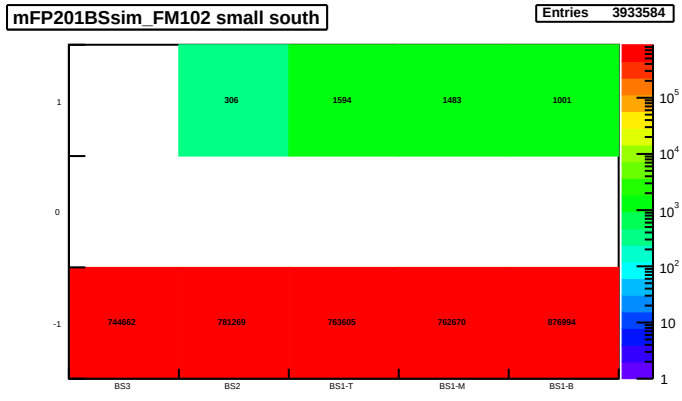
0
253082
374916
425549
309228
311542
6.7019e+06
6.58006e+06
6.52943e+06
6.64575e+06
6.64344e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 3933584
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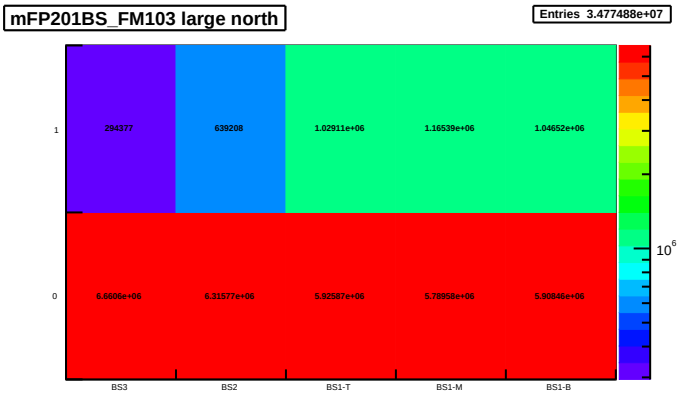
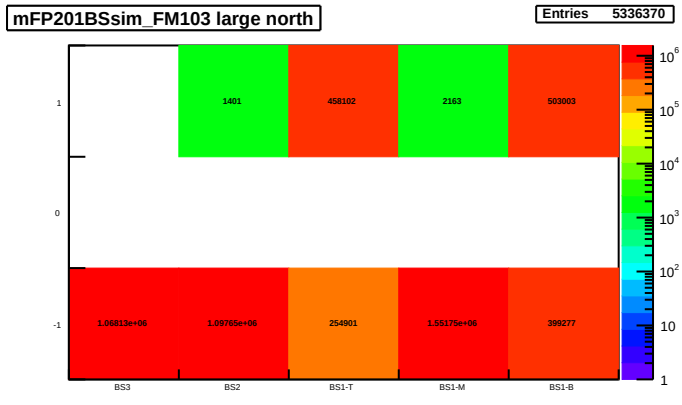
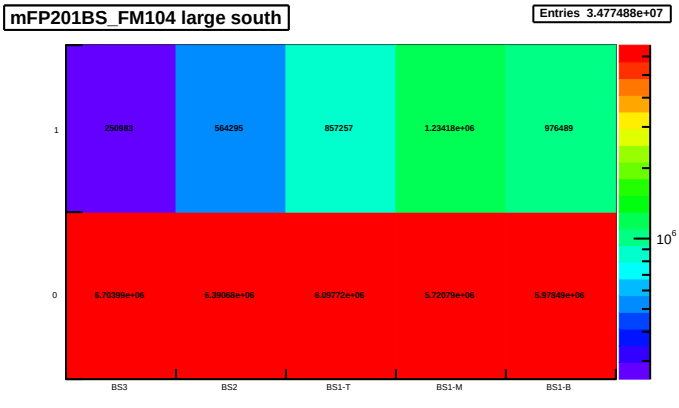
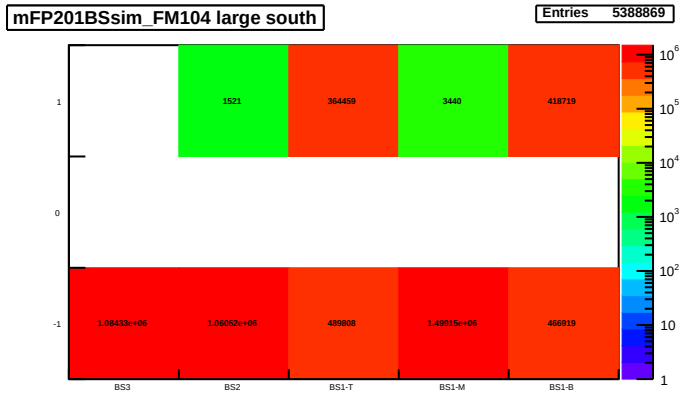
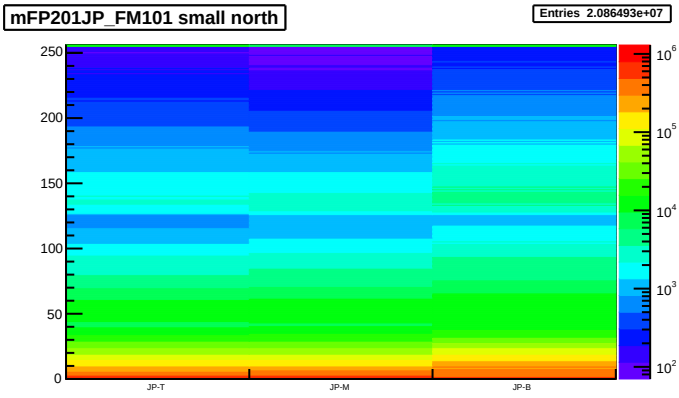
0
-1
306
1594
1483
1001
744662
781269
763605
762670
876994
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

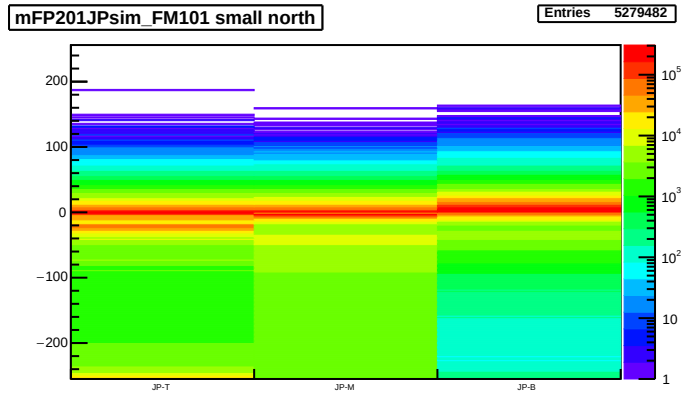

mFP201BS_FM103 large north
Entries 3.477488e+07
1
0
294377
639208
1.02911e+06
1.16539e+06
1.04652e+06
6.6606e+06
6.31577e+06
5.92587e+06
5.78958e+06
5.90846e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

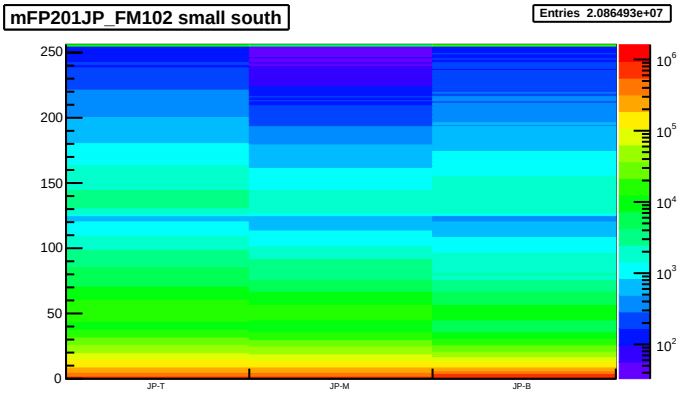

mFP201BSsim_FM103 large north
Entries 5336370
1
0
-1
1401
458102
2163
503003
1.06813e+06
1.09765e+06
254901
1.55175e+06
399277
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

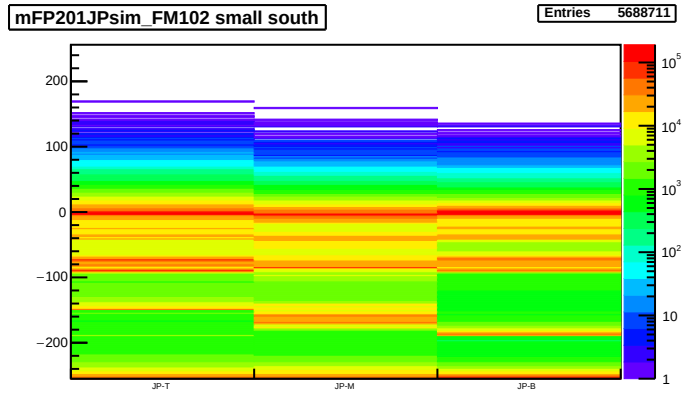

mFP201BS_FM104 large south
Entries 3.477488e+07
1
0
250983
564295
857257
1.23418e+06
976489
6.70399e+06
6.39068e+06
6.09772e+06
5.72079e+06
5.97849e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

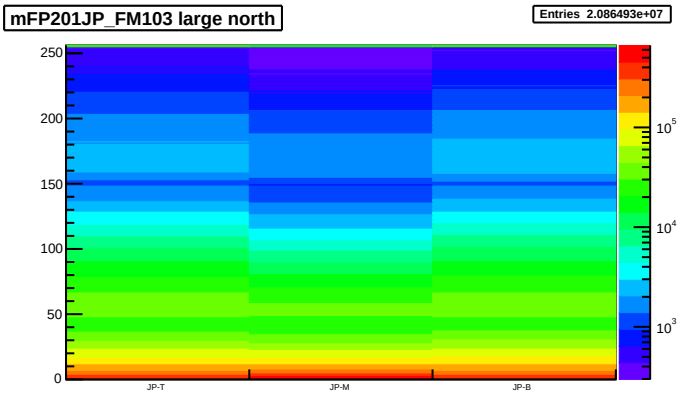

mFP201BSsim_FM104 large south
Entries 5388869
1
0
-1
1521
364459
3440
418719
1.08433e+06
1.06052e+06
489808
1.49915e+06
466919
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

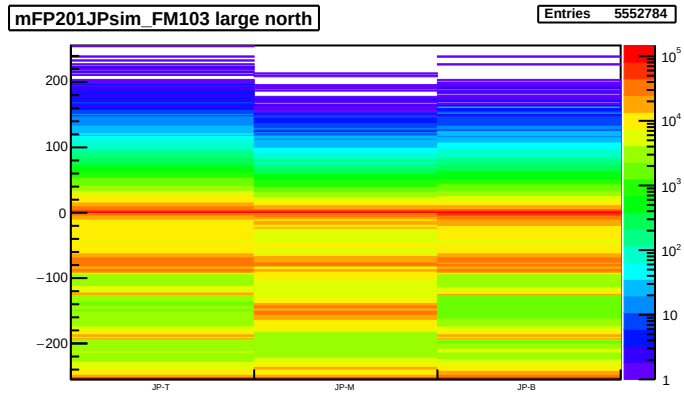

mFP201JP_FM101 small north
Entries 2.086493e+07
JP-T
JP-M
JP-B

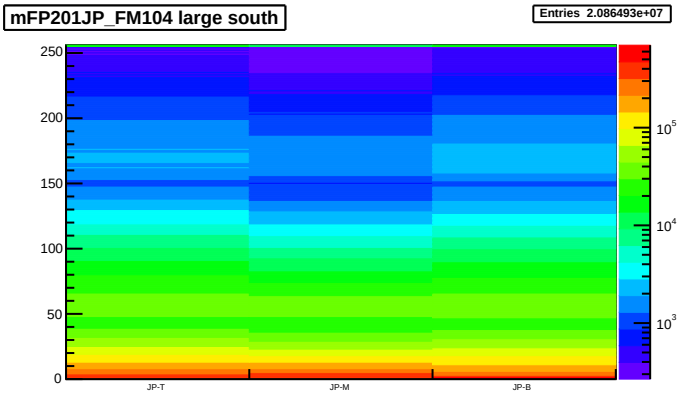

mFP201JPsim_FM101 small north
Entries 5279482
JP-T
JP-M
JP-B

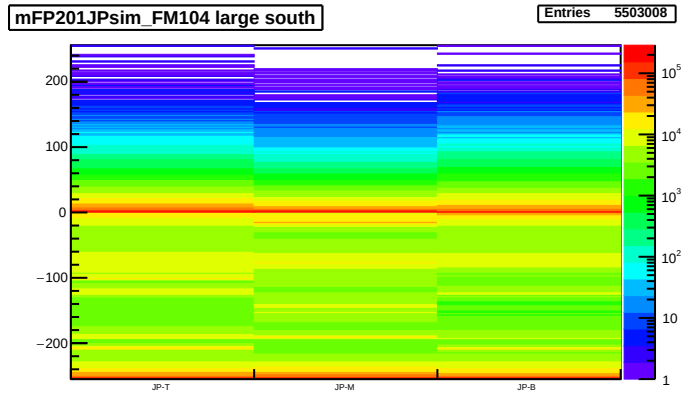

mFP201JP_FM102 small south
Entries 2.086493e+07
JP-T
JP-M
JP-B

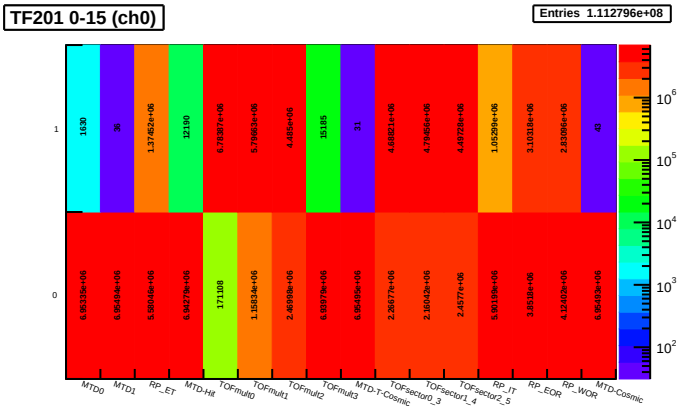

mFP201JPsim_FM102 small south
Entries 5688711
JP-T
JP-M
JP-B

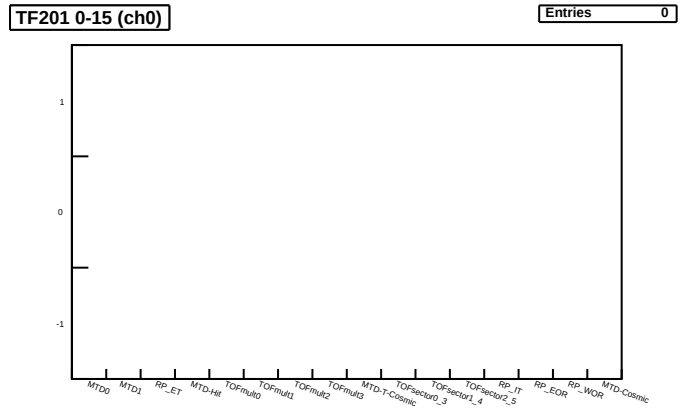

mFP201JP_FM103 large north
Entries 2.086493e+07
JP-T
JP-M
JP-B

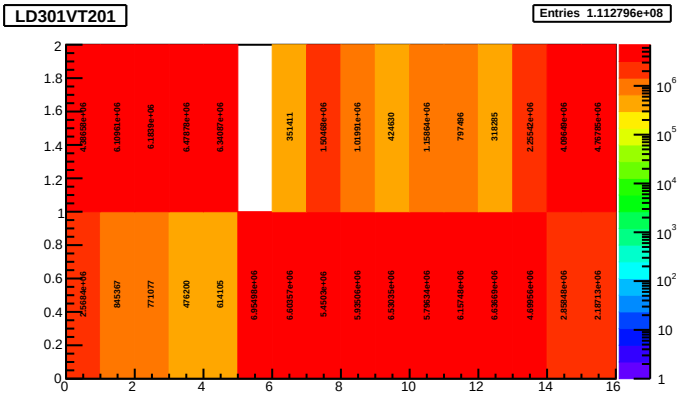

mFP201JPsim_FM103 large north
Entries 5552784
JP-T
JP-M
JP-B

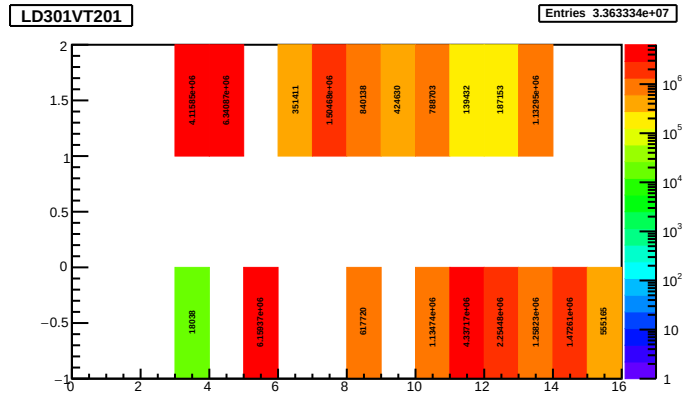

mFP201JP_FM104 large south
Entries 2.086493e+07
JP-T
JP-M
JP-B

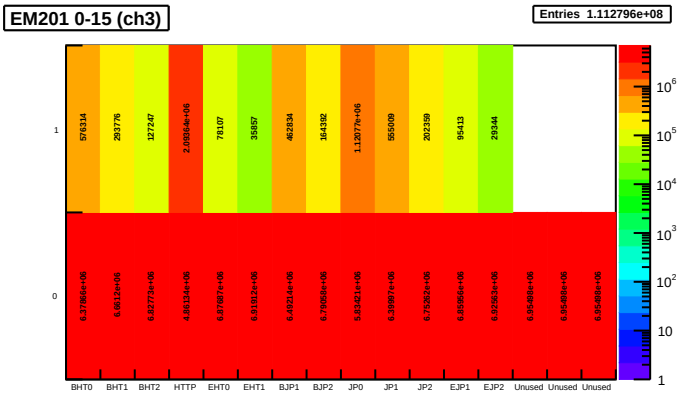

mFP201JPsim_FM104 large south
Entries 5503008
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.112796e+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 1.112796e+08


LD301VT201
Entries 3.363334e+07


EM201 0-15 (ch3)
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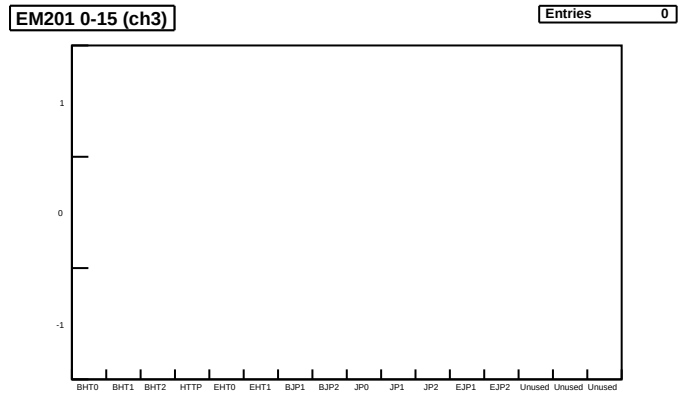
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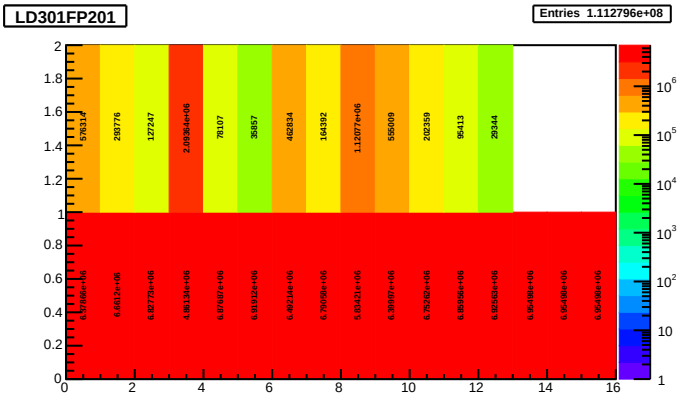
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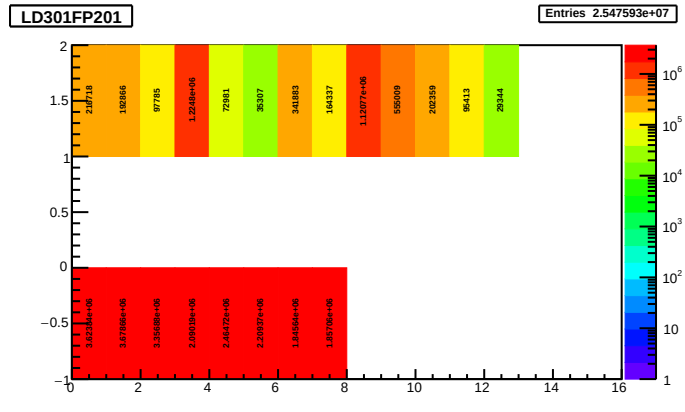
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