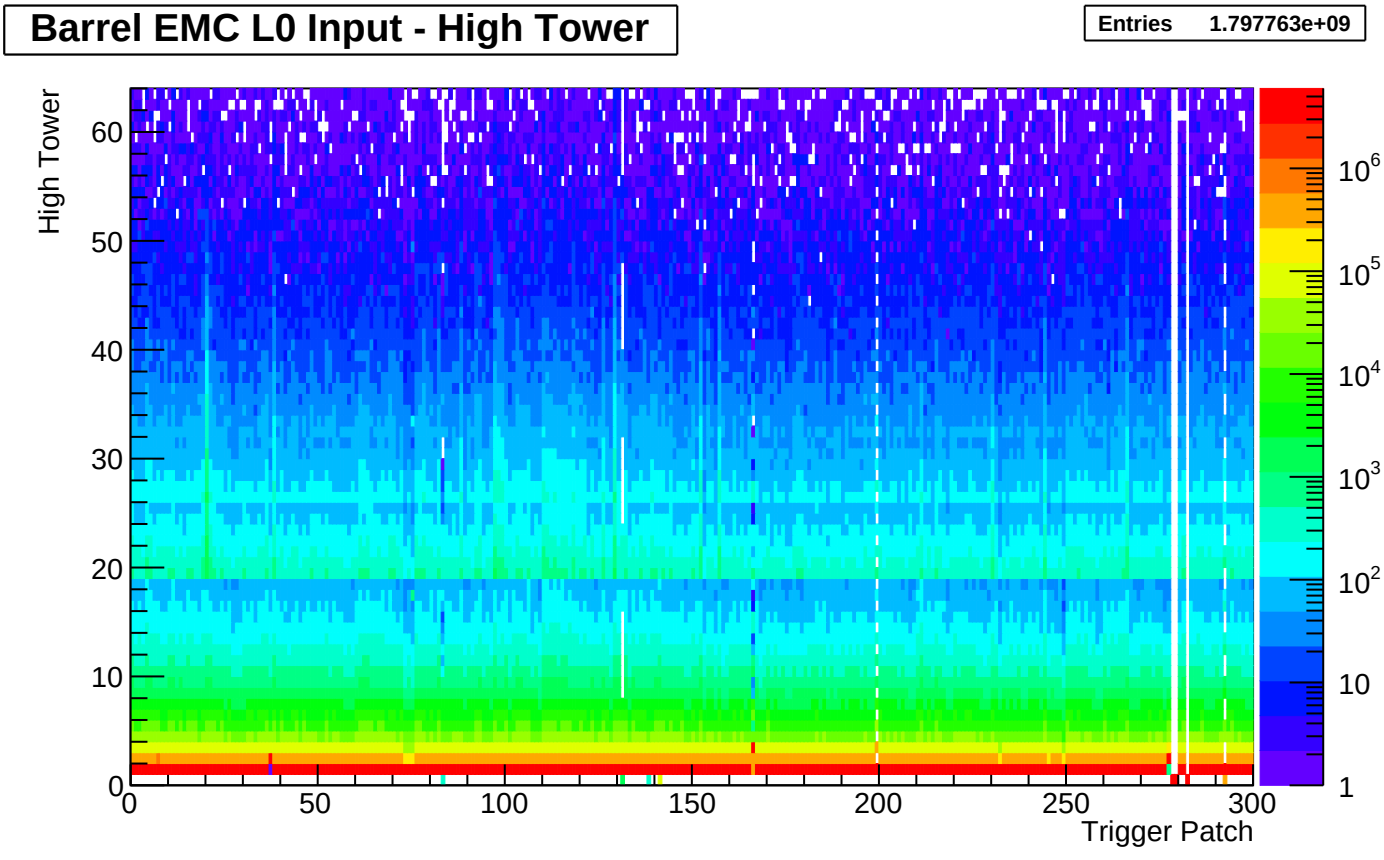
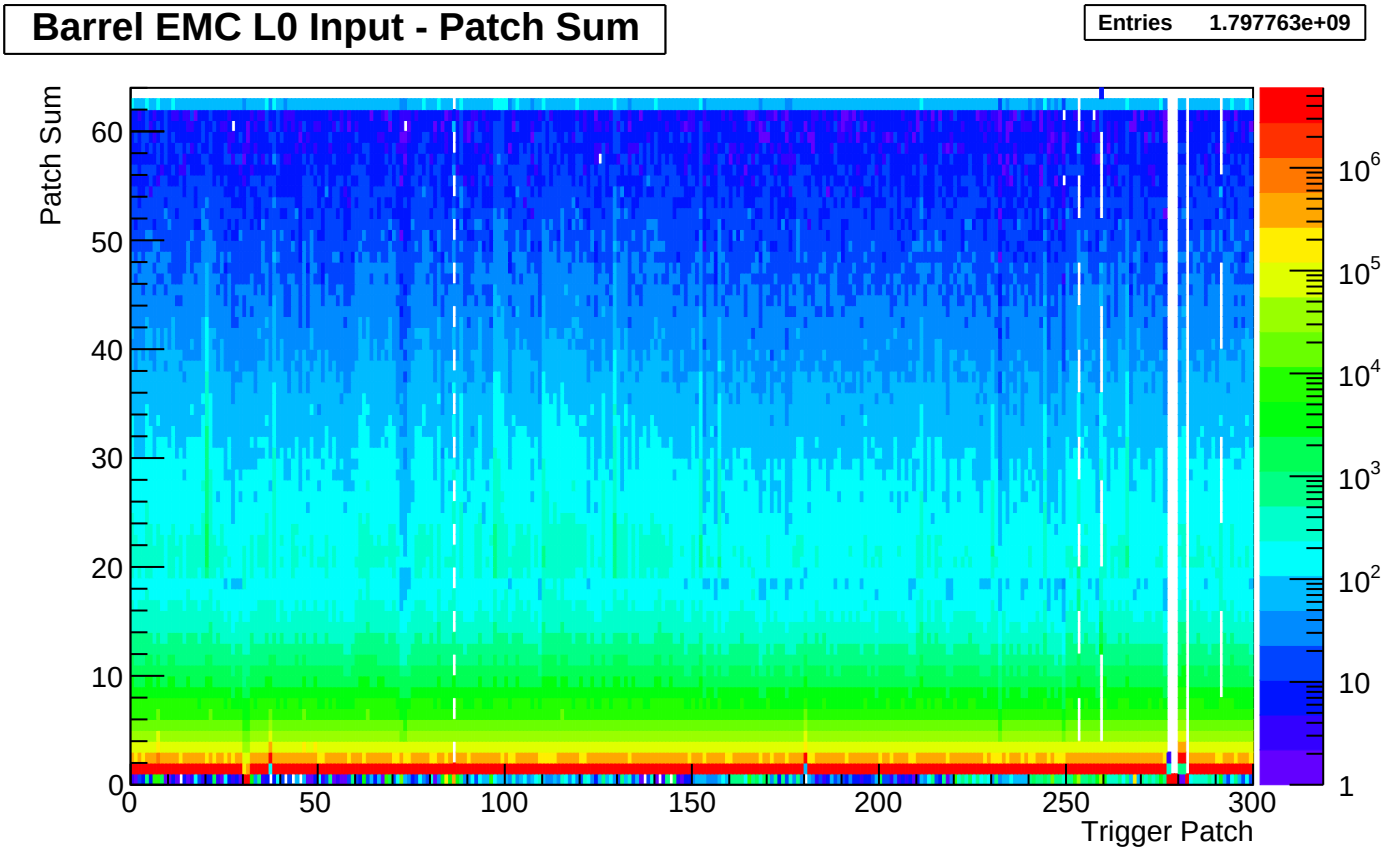
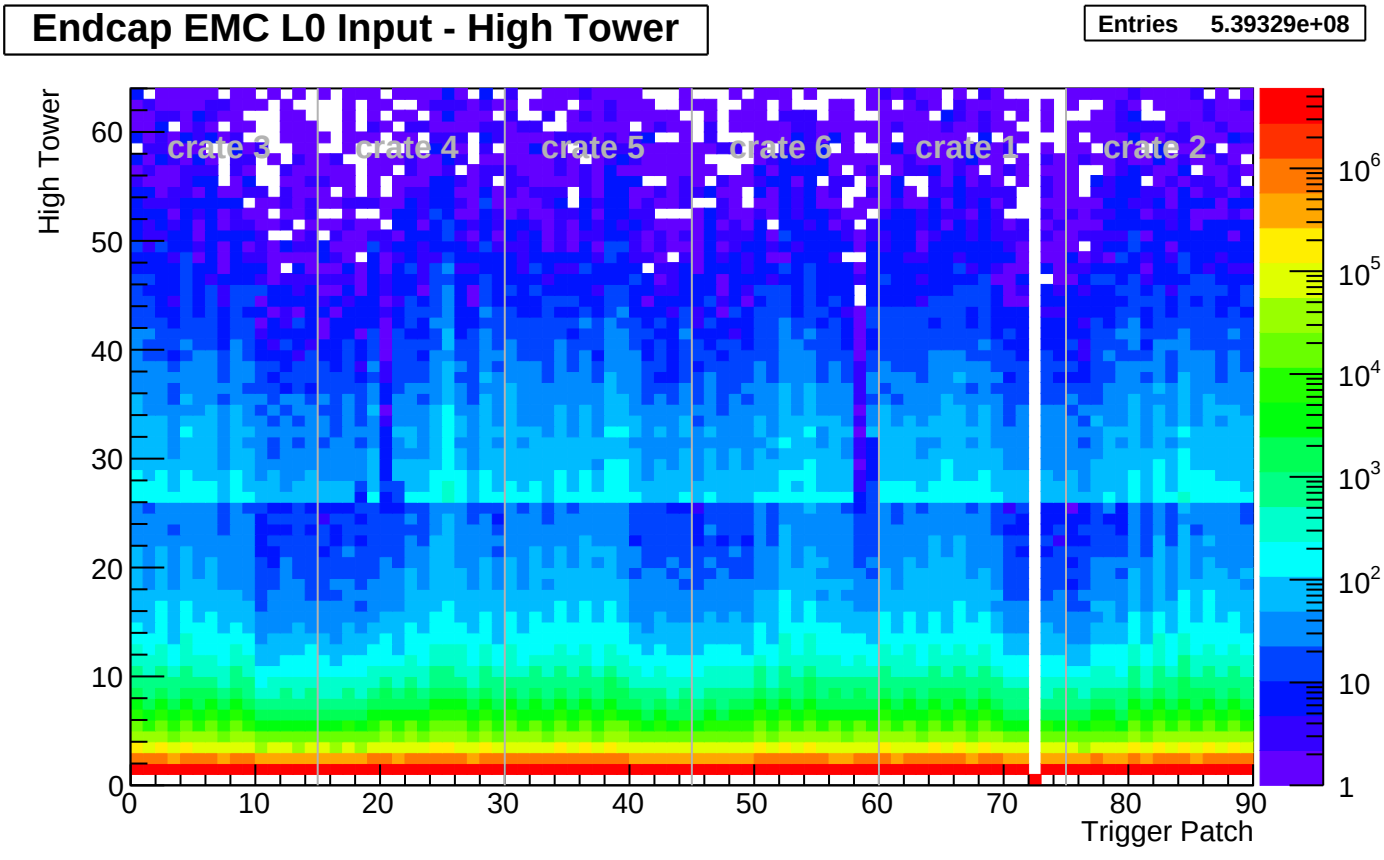
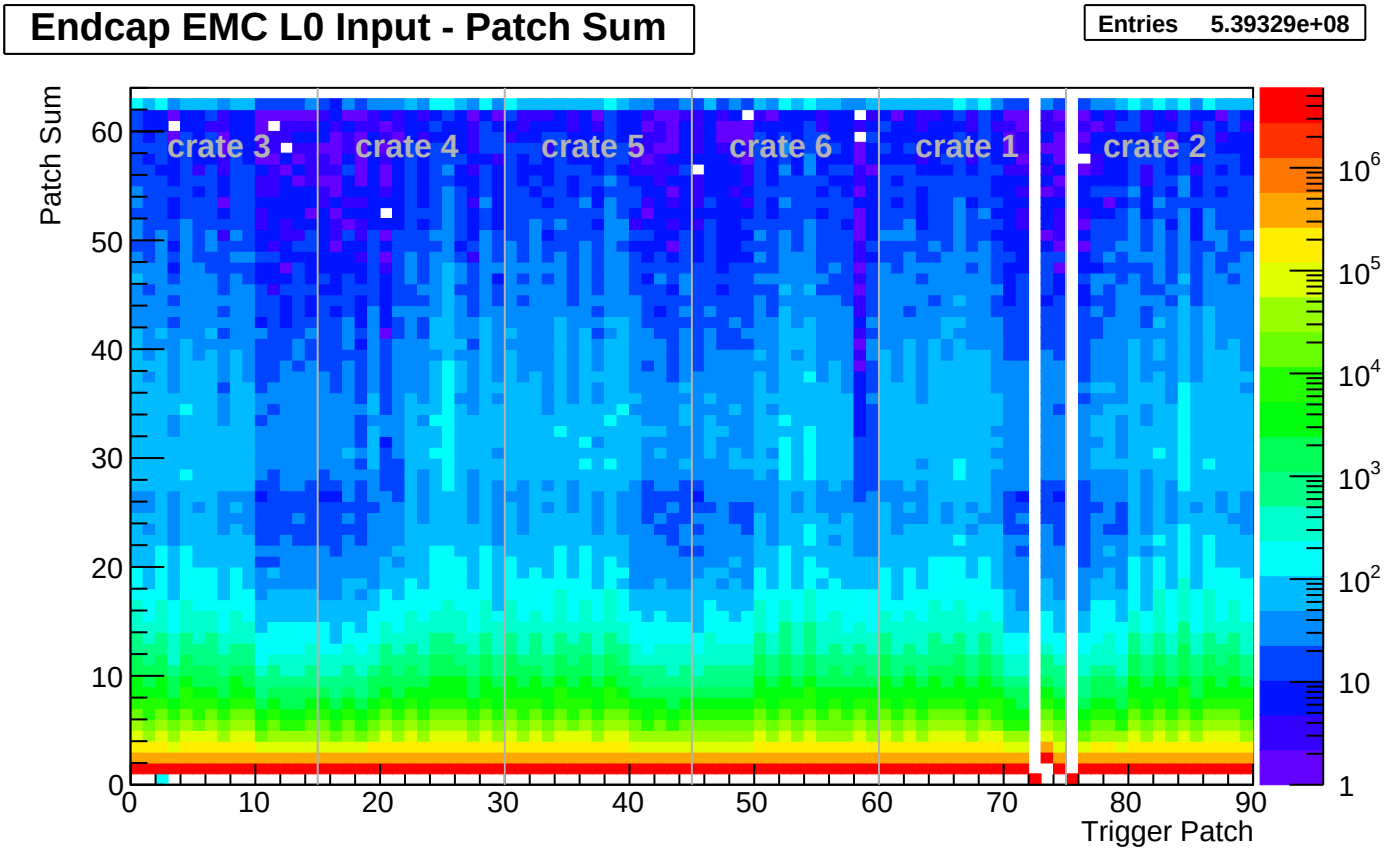
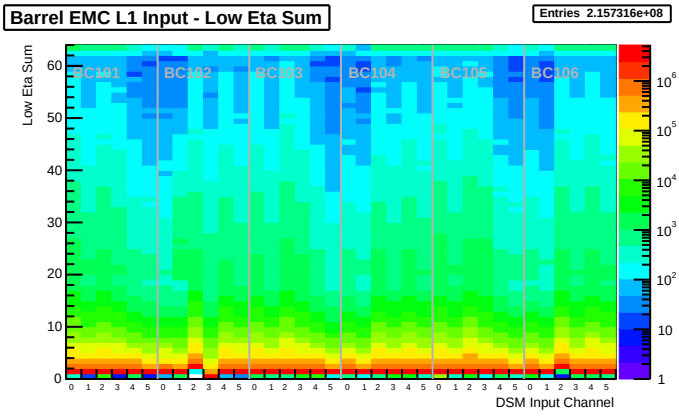
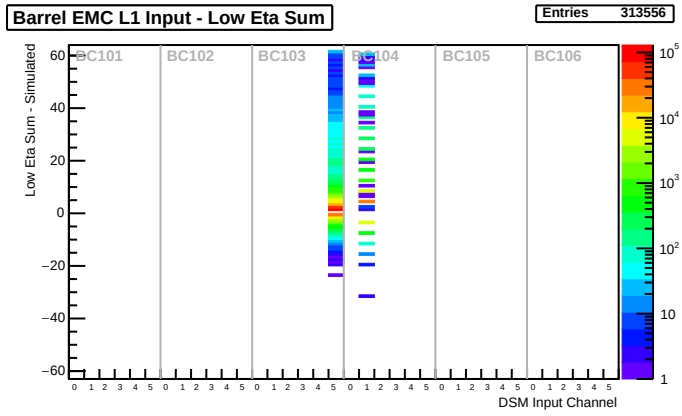

Barrel EMC L0 Input - High Tower
Entries 1.797763e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

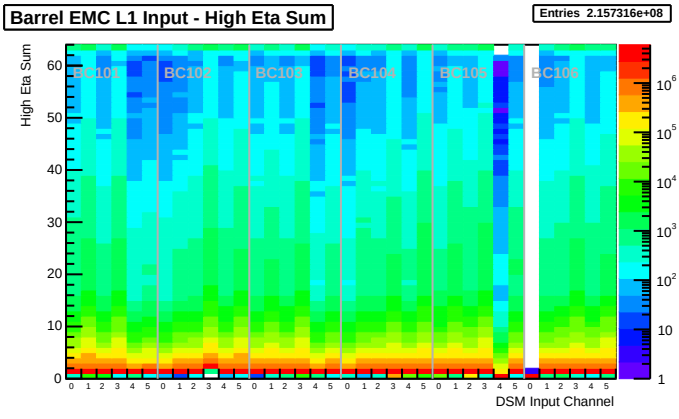

Barrel EMC L0 Input - Patch Sum
Entries 1.797763e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

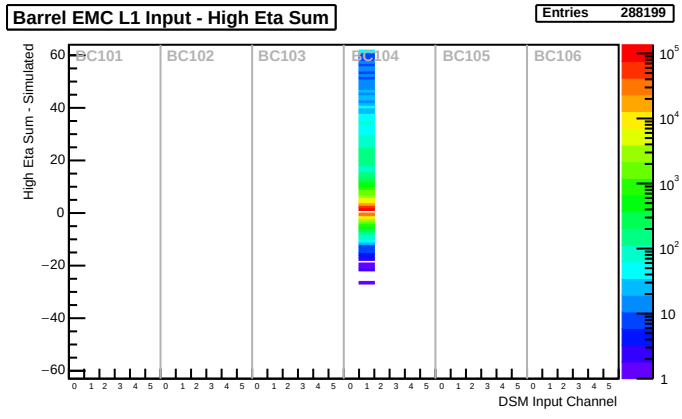

Endcap EMC L0 Input - High Tower
Entries 5.39329e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

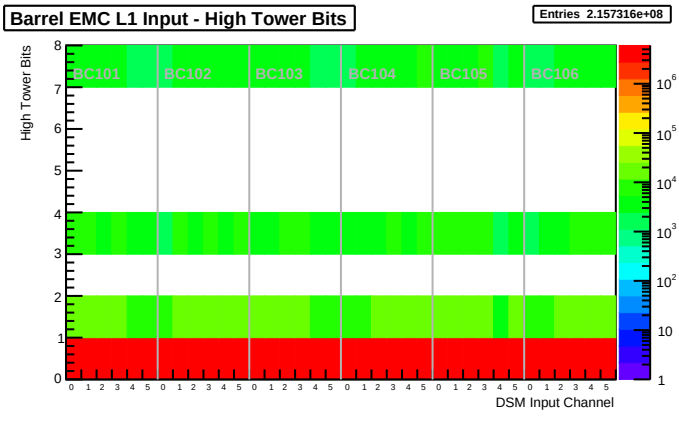

Endcap EMC L0 Input - Patch Sum
Entries 5.39329e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

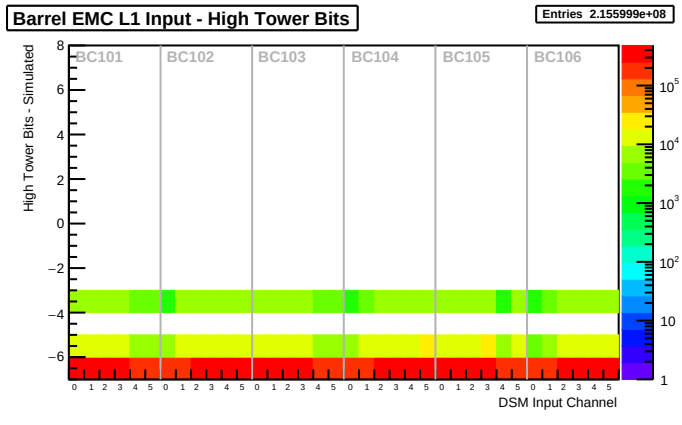

Barrel EMC L1 Input - Low Eta Sum
Entries 2.157316e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

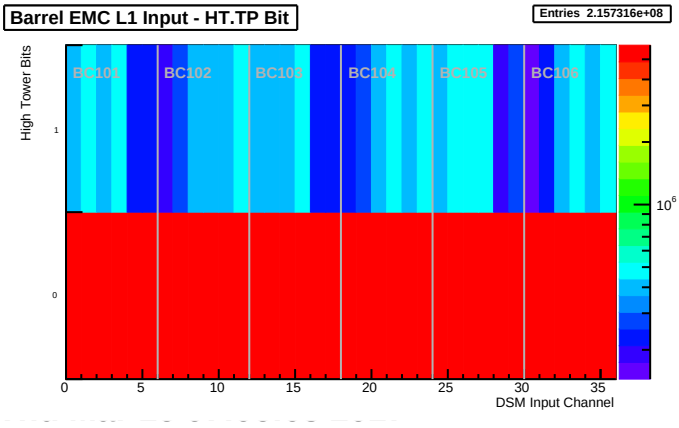

Barrel EMC L1 Input - Low Eta Sum
Entries 313556
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

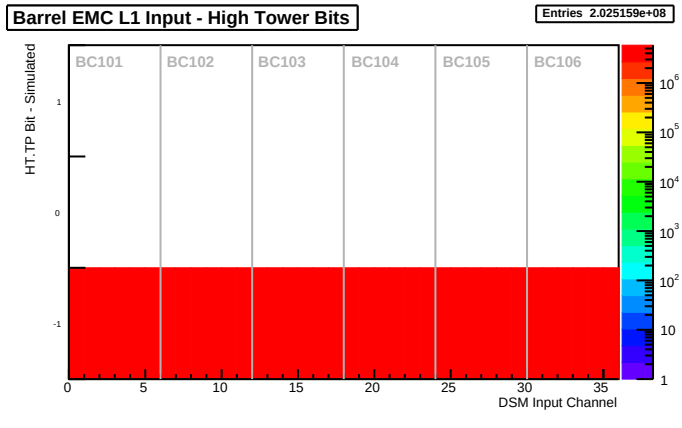

Barrel EMC L1 Input - High Eta Sum
Entries 2.157316e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

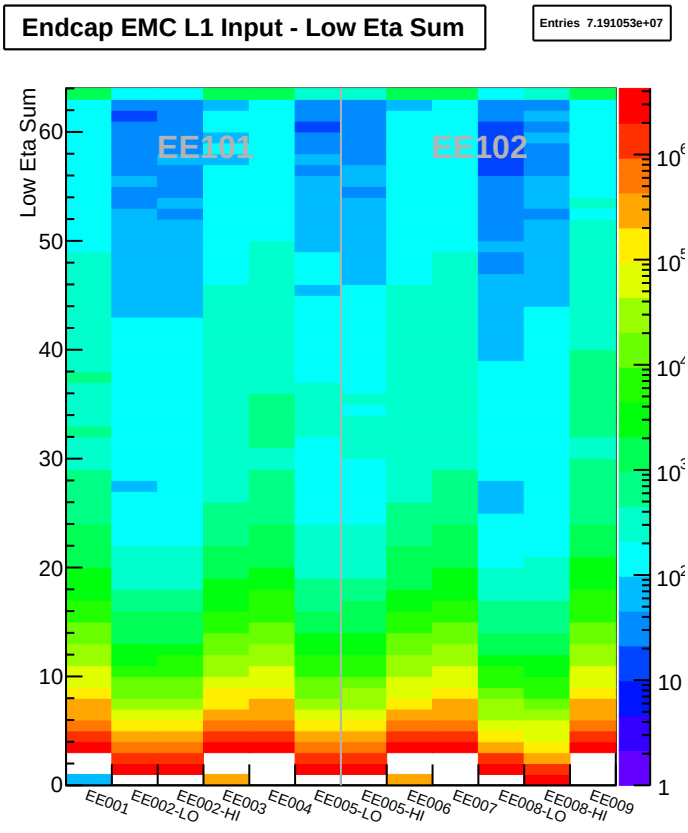

Barrel EMC L1 Input - High Eta Sum
Entries 288199
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

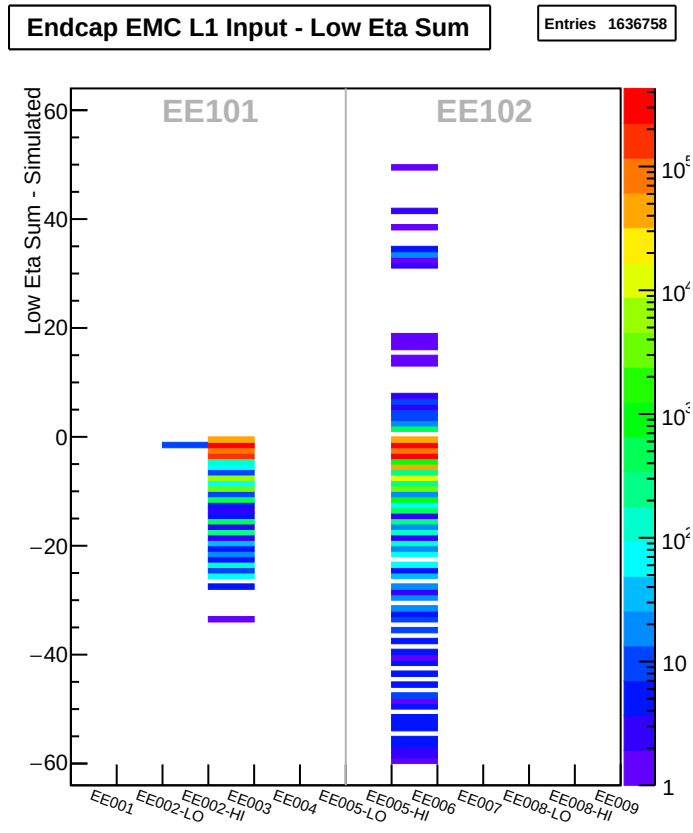

Barrel EMC L1 Input - High Tower Bits
Entries 2.157316e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

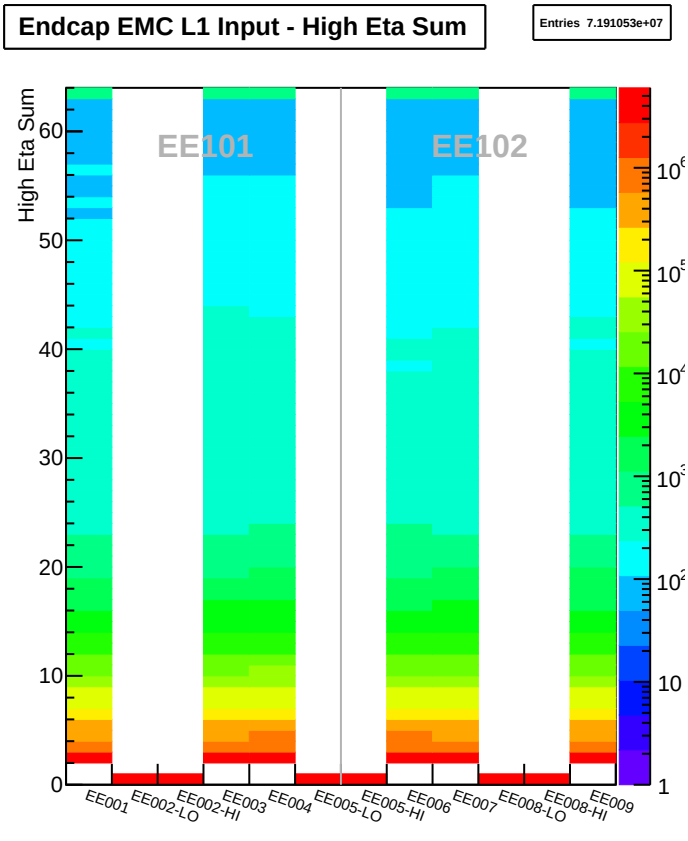

Barrel EMC L1 Input - High Tower Bits
Entries 2.155999e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

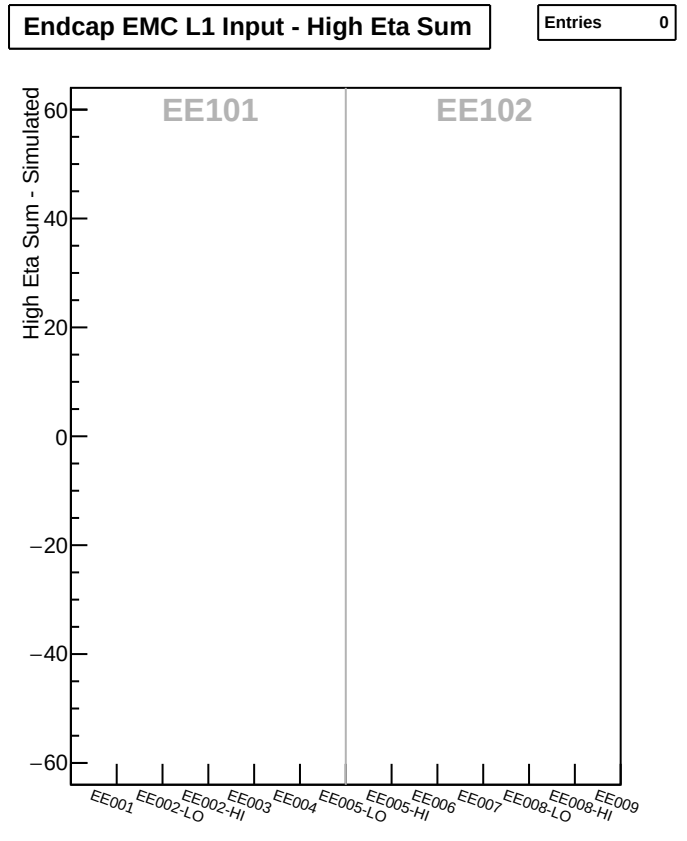

Barrel EMC L1 Input - HT.TP Bit
Entries 2.157316e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

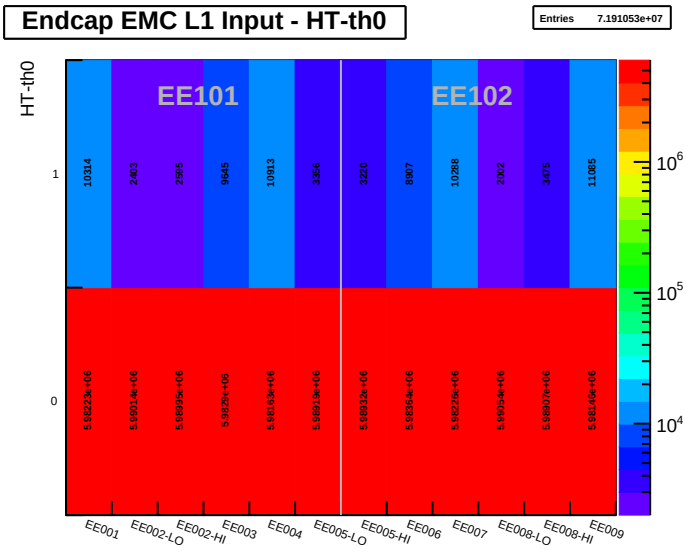

Barrel EMC L1 Input - High Tower Bits
Entries 2.025159e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

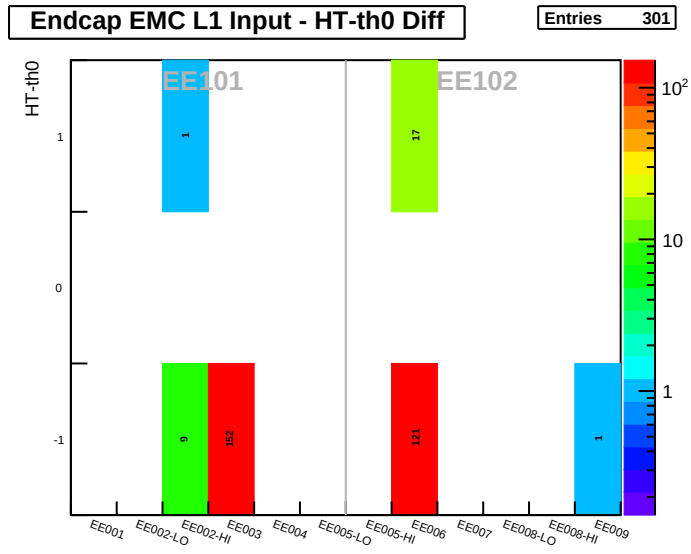

Endcap EMC L1 Input - Low Eta Sum
Entries 7.191053e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

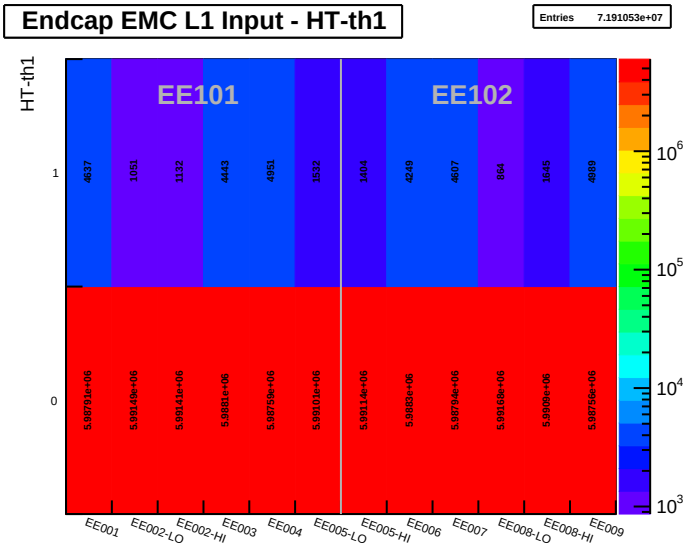

Endcap EMC L1 Input - Low Eta Sum
Entries 1636758
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

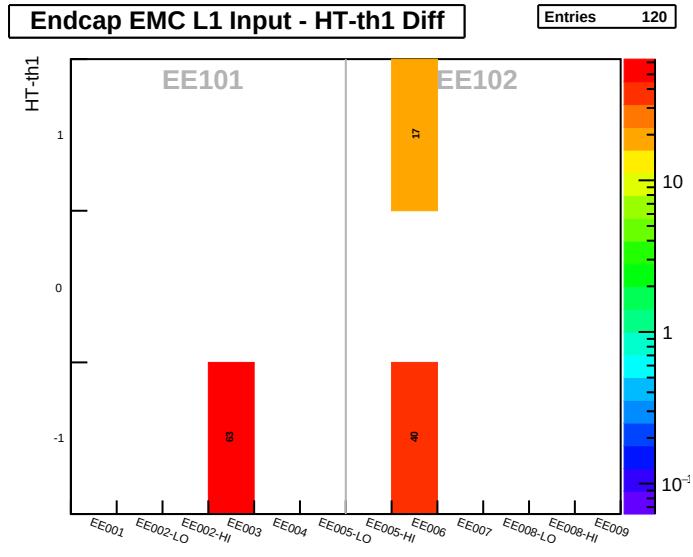

Endcap EMC L1 Input - High Eta Sum
Entries 7.191053e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

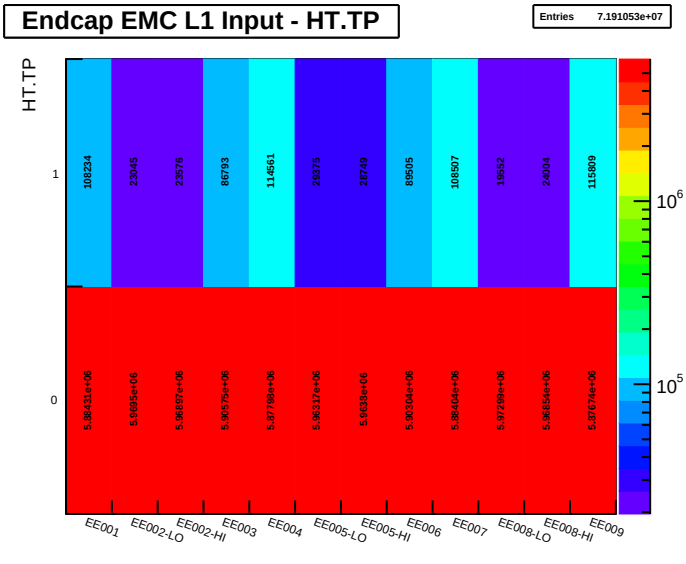

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

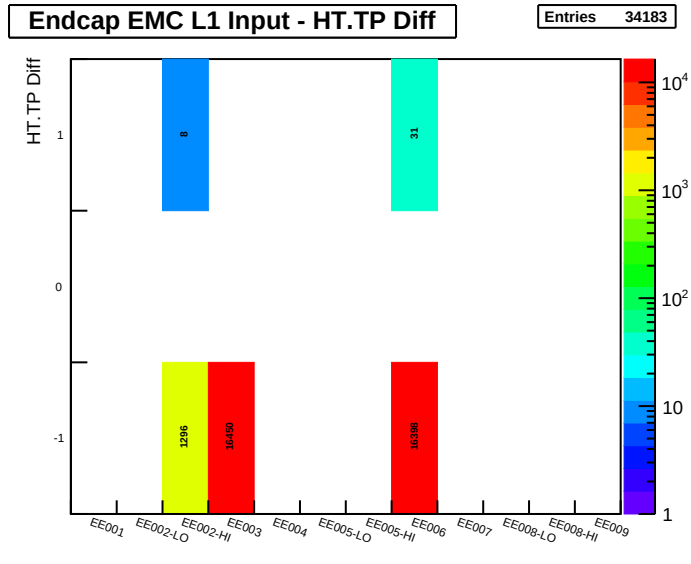

Endcap EMC L1 Input - HT-th0
Entries 7.191053e+07
HT-th0
EE101
EE102
10314 2403 2595 9645 10913 3356 3220 8907 10288 2002 3475 11085
5.98223e+06 5.99014e+06 5.98995e+06 5.9829e+06 5.98163e+06 5.98819e+06 5.98932e+06 5.98364e+06 5.98226e+06 5.99054e+06 5.98807e+06 5.98146e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

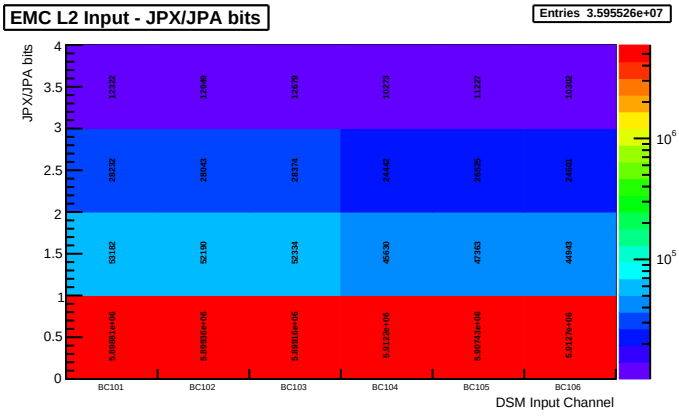

Endcap EMC L1 Input - HT-th0 Diff
Entries 301
HT-th0
EE101
EE102
1 17
9 152 121 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

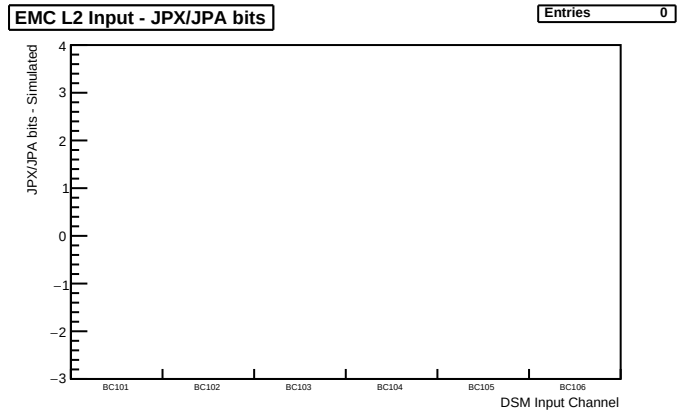

Endcap EMC L1 Input - HT-th1
Entries 7.191053e+07
HT-th1
EE101
EE102
4637 1051 1132 4443 4951 1532 1404 4249 4607 864 1545 4989
5.98791e+06 5.90149e+06 5.90141e+06 5.9881e+06 5.98759e+06 5.90101e+06 5.90114e+06 5.9883e+06 5.98794e+06 5.90168e+06 5.9909e+06 5.98756e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

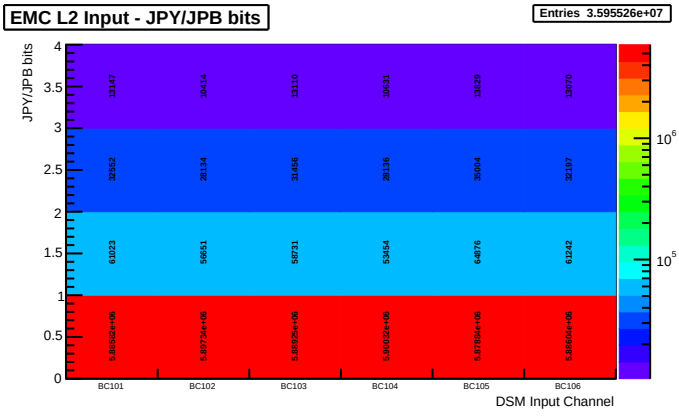

Endcap EMC L1 Input - HT-th1 Diff
Entries 120
HT-th1
EE101
EE102
17
63 40
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

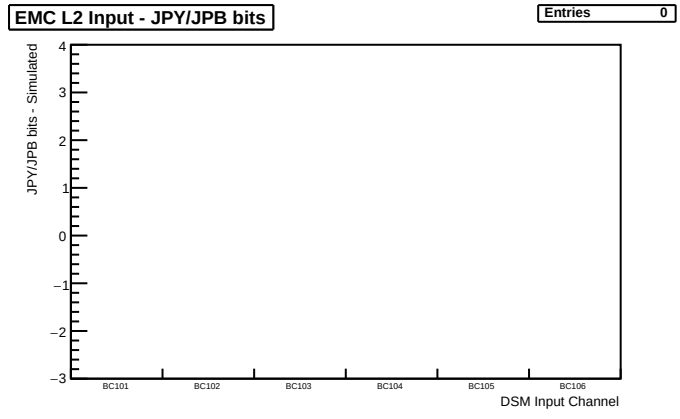

Endcap EMC L1 Input - HT.TP
Entries 7.191053e+07
HT.TP
108234 23045 23576 86793 114561 29375 28749 89505 108507 19552 24004 115809
5.88431e+06 5.9695e+06 5.96897e+06 5.90575e+06 5.87798e+06 5.96317e+06 5.9638e+06 5.90304e+06 5.88404e+06 5.97298e+06 5.96854e+06 5.87674e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

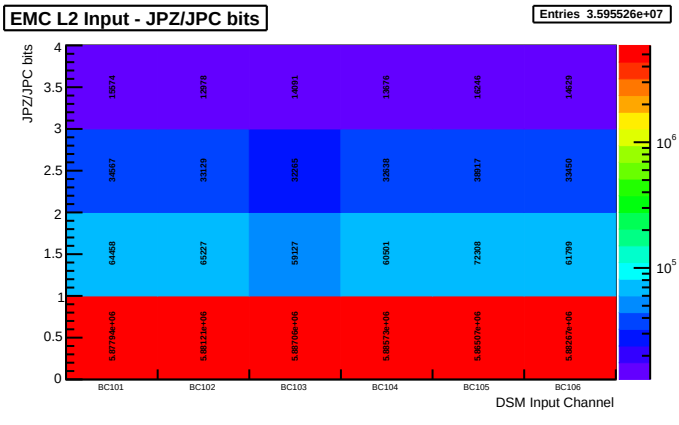

Endcap EMC L1 Input - HT.TP Diff
Entries 34183
HT.TP Diff
8 31
1296 16450 16398
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

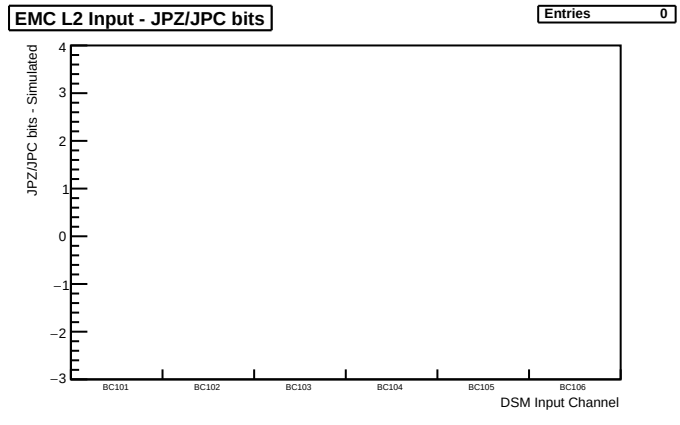

EMC L2 Input - JPX/JPA bits
Entries 3.595526e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

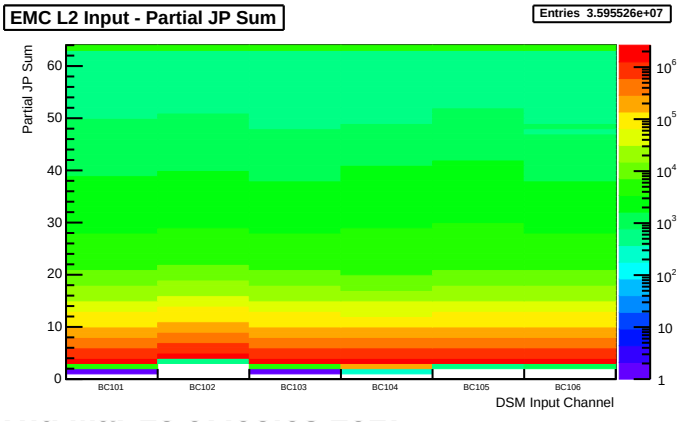

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

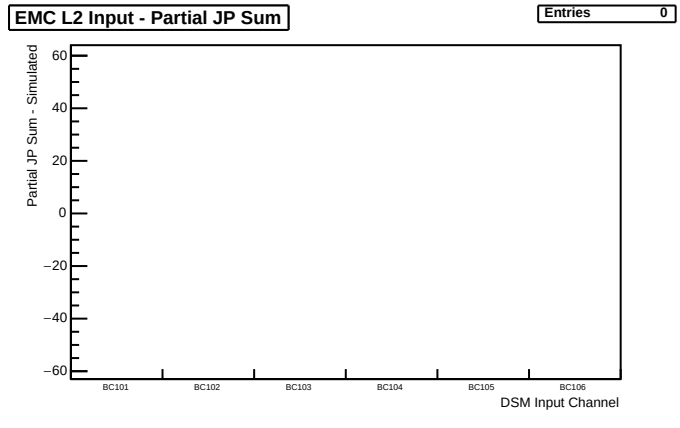

EMC L2 Input - JPY/JPB bits
Entries 3.595526e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

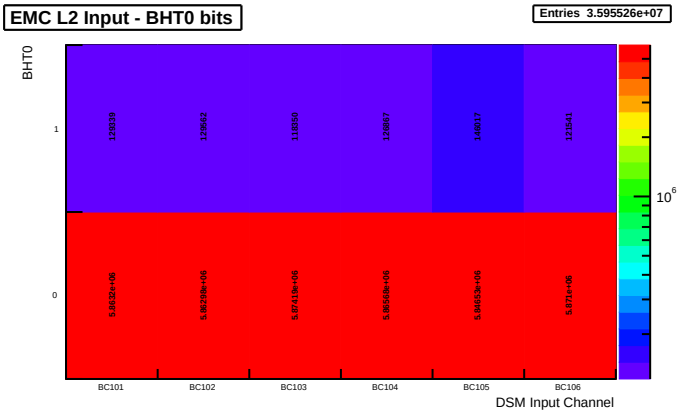

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

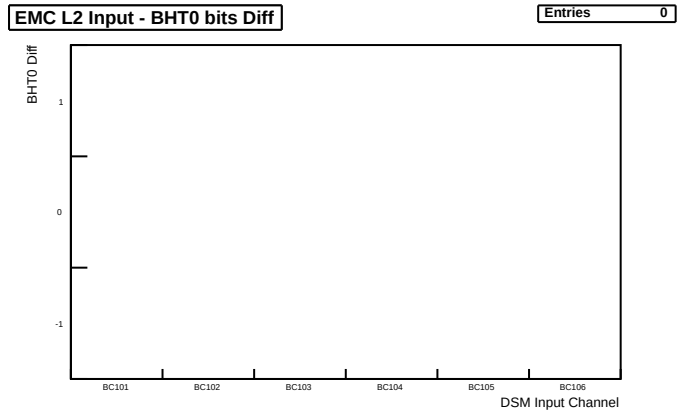

EMC L2 Input - JPZ/JPC bits
Entries 3.595526e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

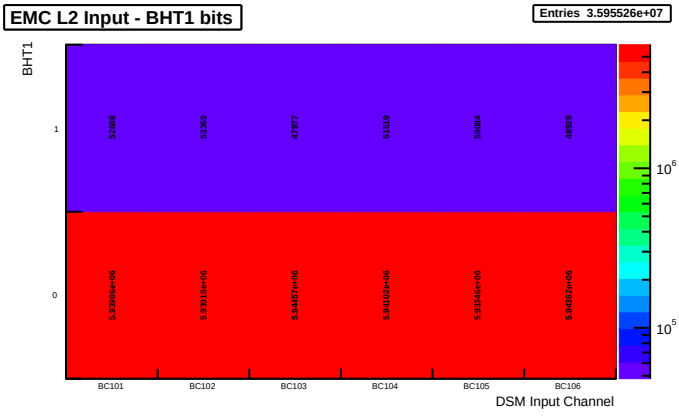

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

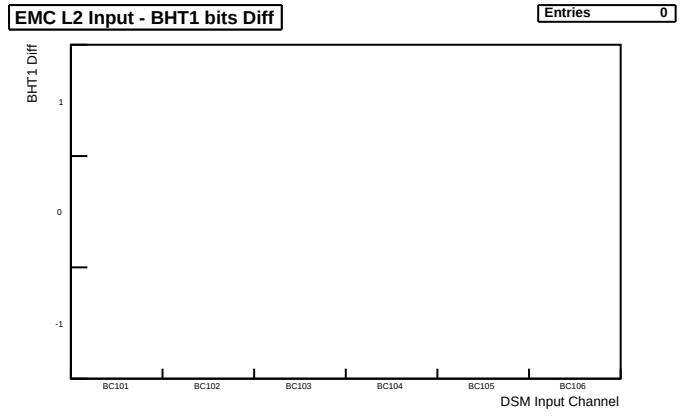

EMC L2 Input - Partial JP Sum
Entries 3.595526e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

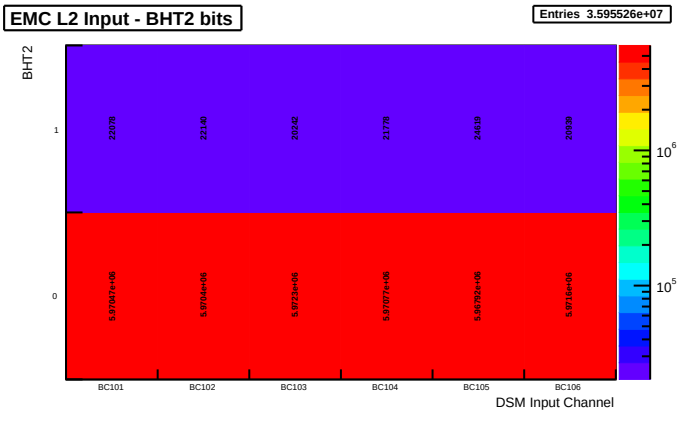

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

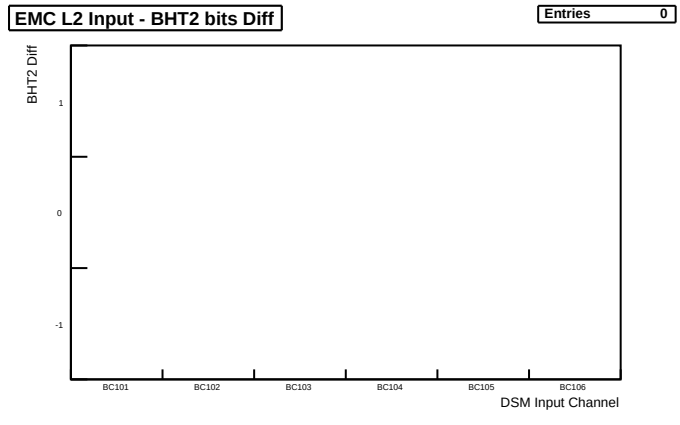

EMC L2 Input - BHT0 bits
Entries 3.595526e+07
BHT0
1
0
129339
129562
118350
128667
146017
121541
5.9832e+06
5.9829e+06
5.97419e+06
5.9556e+06
5.94653e+06
5.971e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

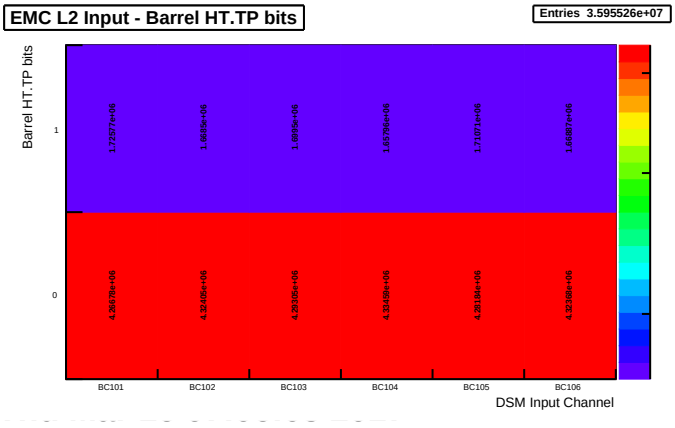

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

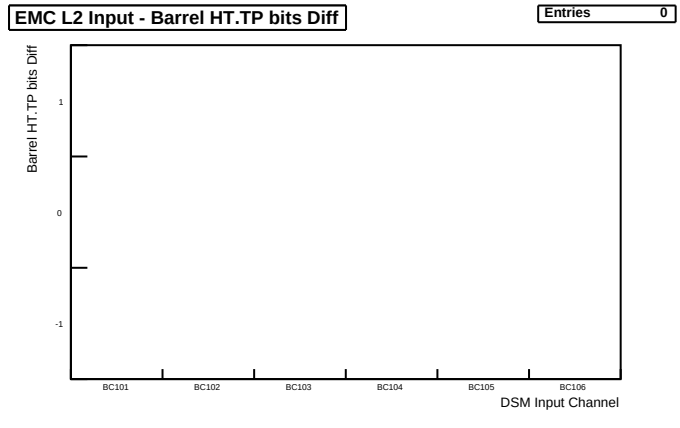

EMC L2 Input - BHT1 bits
Entries 3.595526e+07
BHT1
1
0
52888
53369
47977
51519
53084
48929
5.93986e+06
5.93918e+06
5.94457e+06
5.94102e+06
5.93346e+06
5.94062e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

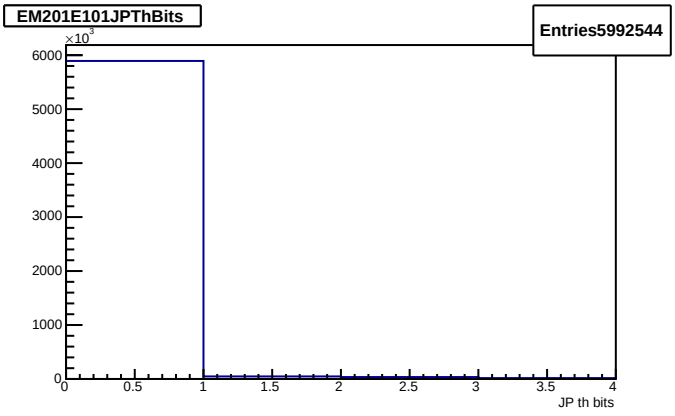

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

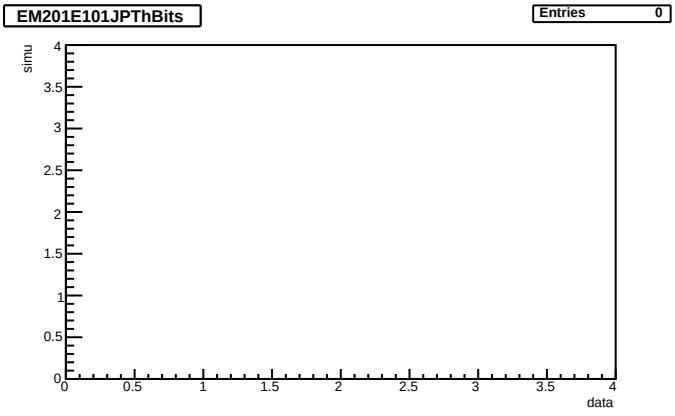

EMC L2 Input - BHT2 bits
Entries 3.595526e+07
BHT2
1
0
22578
22140
20242
21778
24519
20939
5.97047e+06
5.9754e+06
5.9723e+06
5.97077e+06
5.95792e+06
5.9716e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

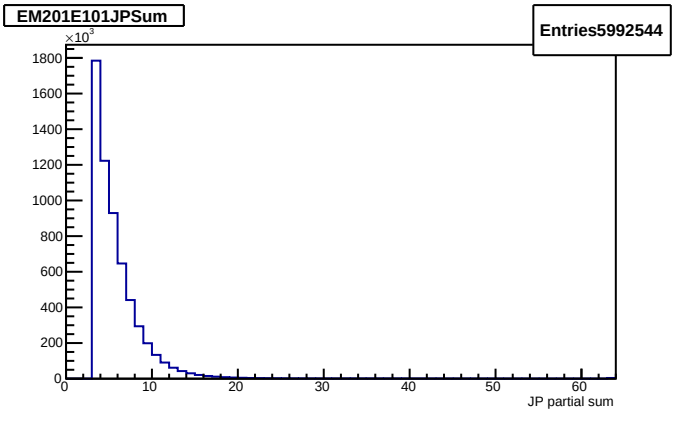

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

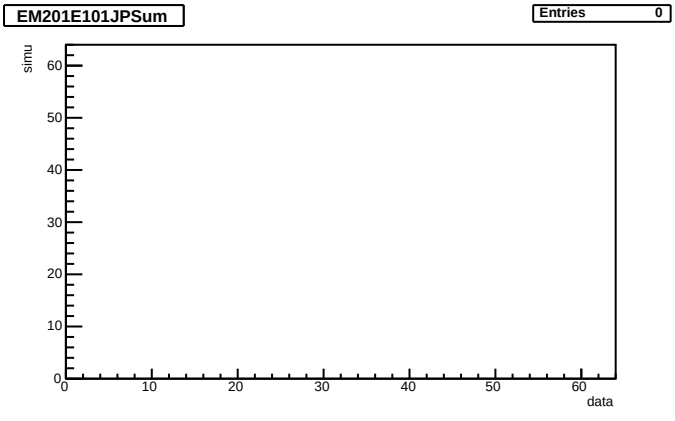

EMC L2 Input - Barrel HT.TP bits
Entries 3.595526e+07
Barrel HT.TP bits
1
0
1.72577e+06
1.6956e+06
1.6996e+06
1.65796e+06
1.71071e+06
1.66887e+06
4.26578e+06
4.32405e+06
4.29305e+06
4.33459e+06
4.28194e+06
4.32369e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

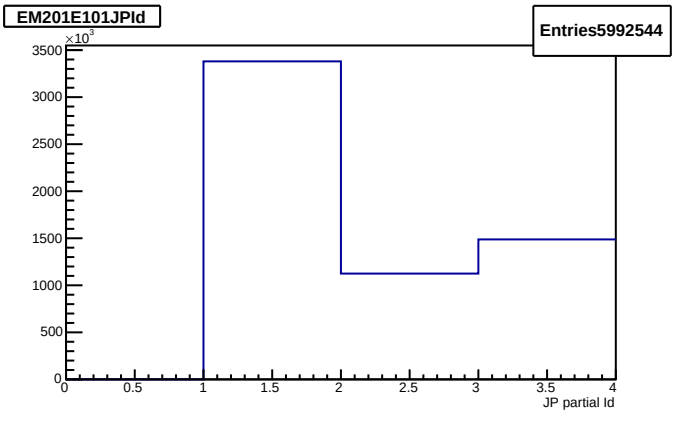

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

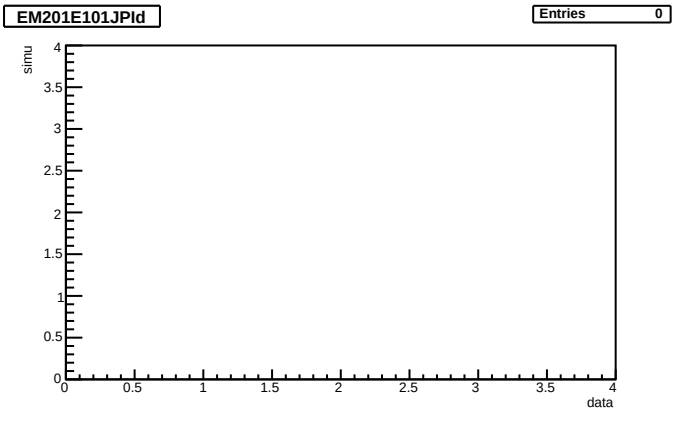

EM201E101JPThBits
Entries5992544
×10^3
JP th bits

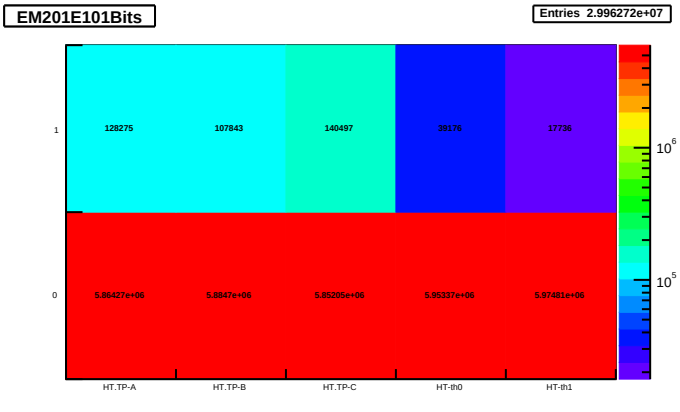

EM201E101JPThBits
Entries 0
simu
data

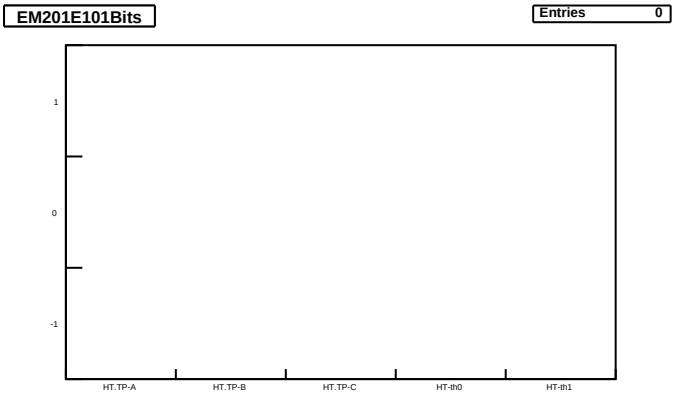

EM201E101JPSum
Entries5992544
×10^3
JP partial sum

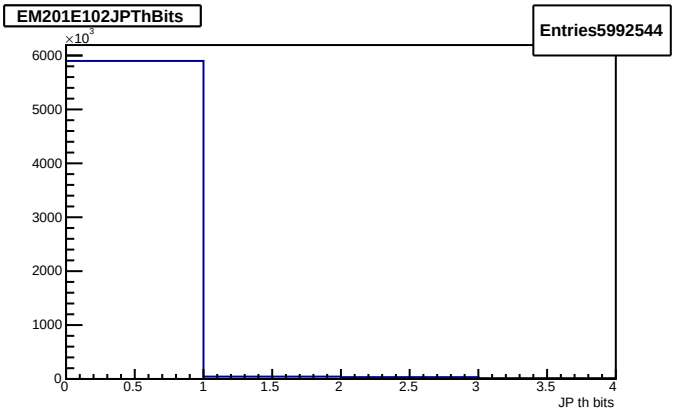

EM201E101JPSum
Entries 0
simu
data

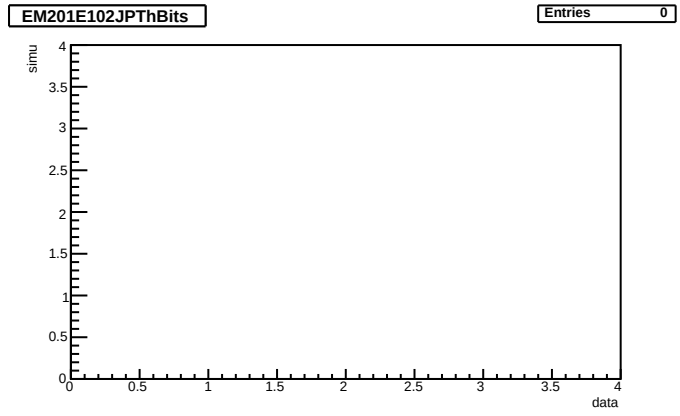

EM201E101JPId
Entries5992544
×10^3
JP partial Id

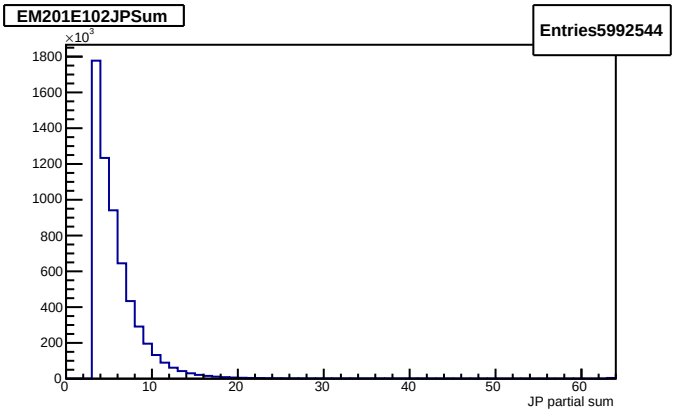

EM201E101JPId
Entries 0
simu
data

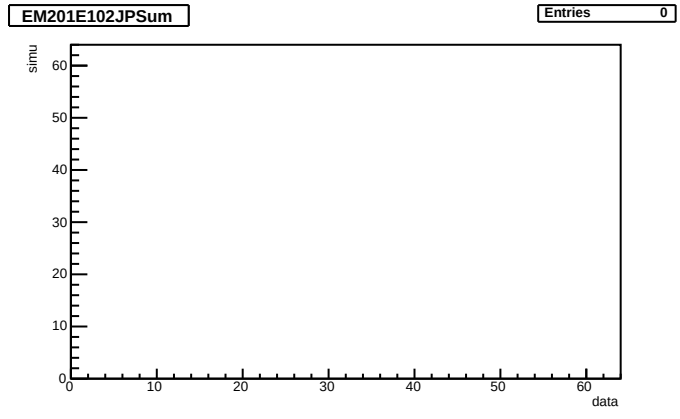

EM201E101Bits
Entries 2.996272e+07
128275
107843
140497
39176
17736
5.86427e+06
5.8847e+06
5.85205e+06
5.95337e+06
5.97481e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

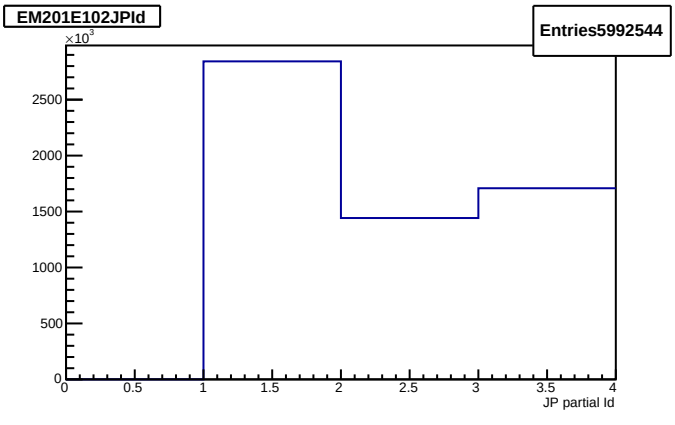

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

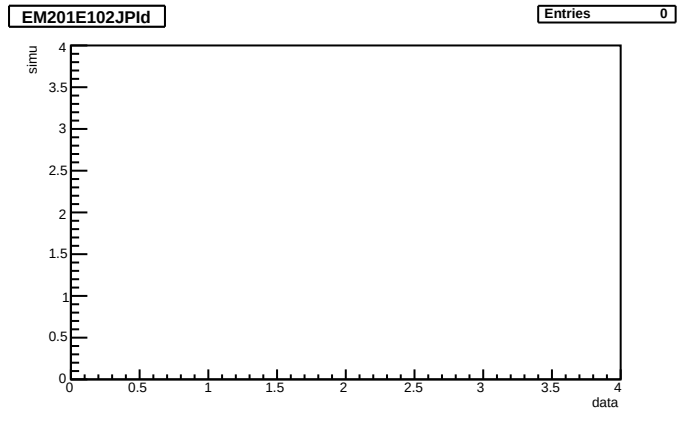

EM201E102JPThBits
Entries5992544
×10^3
JP th bits

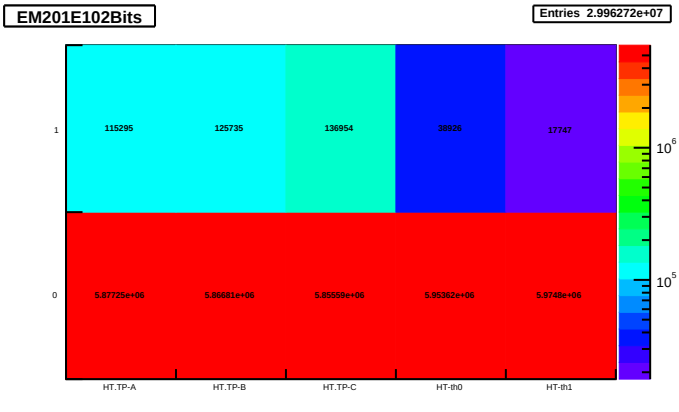

EM201E102JPThBits
Entries 0
simu
data

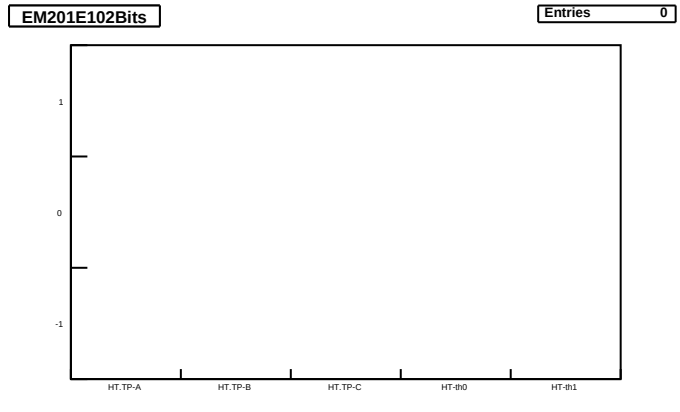

EM201E102JPSum
Entries5992544
×10^3
JP partial sum

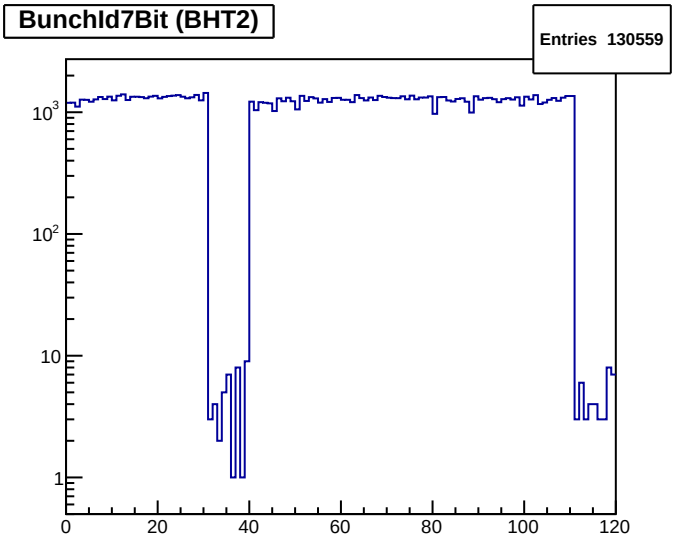

EM201E102JPSum
Entries 0
simu
data

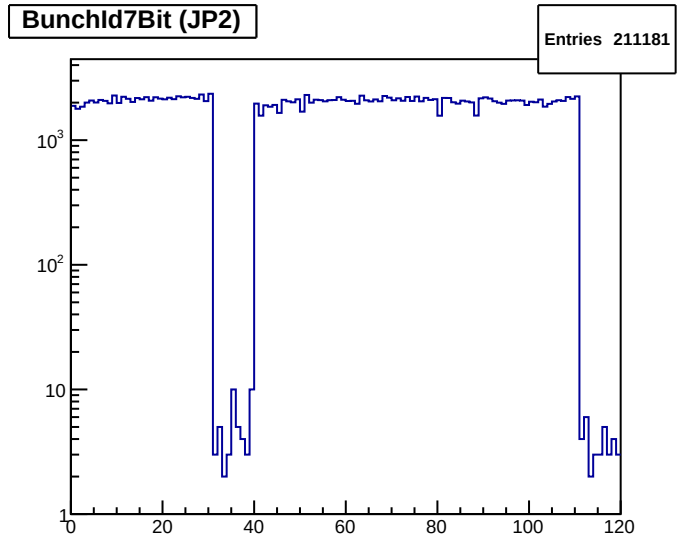

EM201E102JPId
Entries5992544
×10^3
JP partial Id

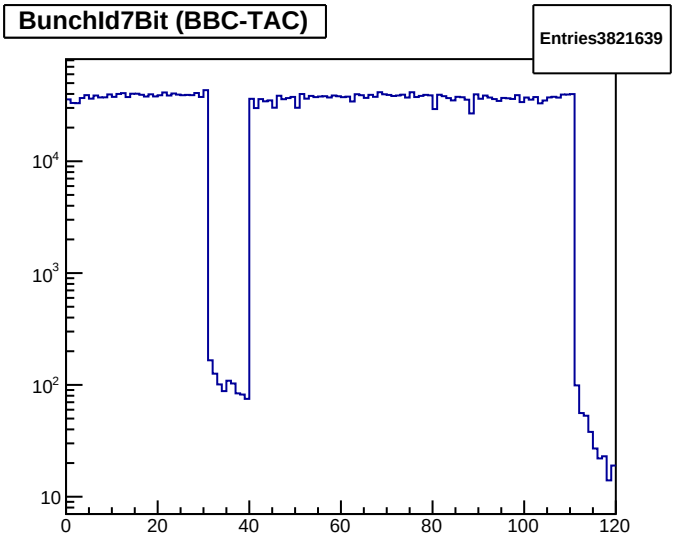

EM201E102JPId
Entries 0
simu
data

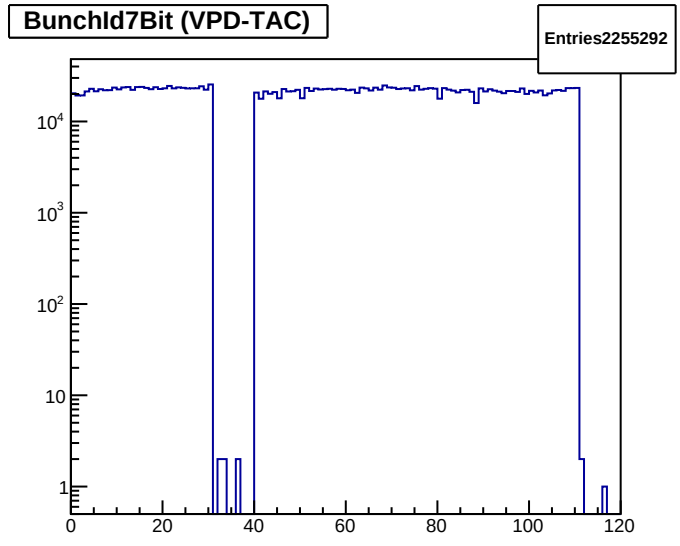

EM201E102Bits
Entries 2.996272e+07
115295
125735
136954
30926
17747
5.87725e+06
5.86681e+06
5.85559e+06
5.95362e+06
5.9748e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

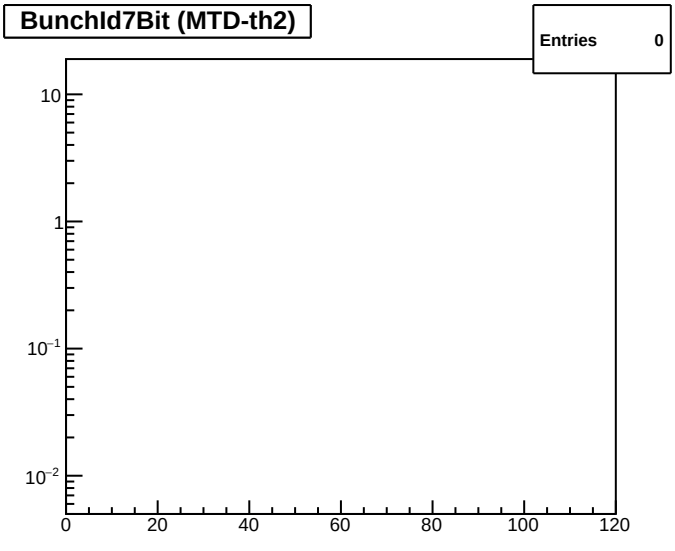

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

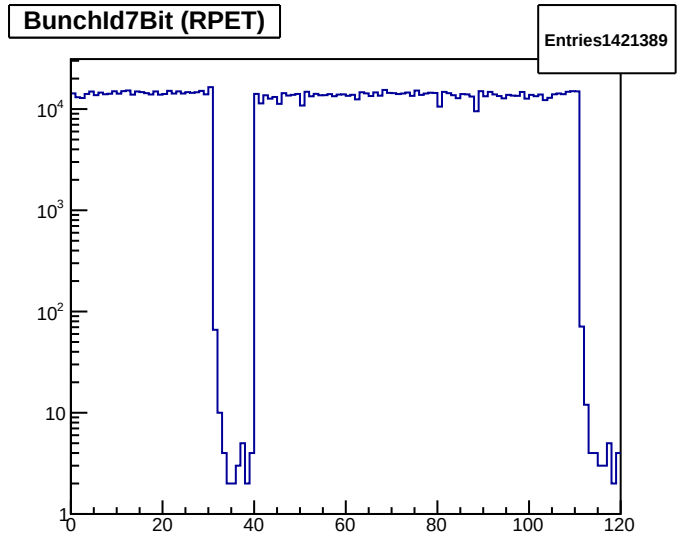

BunchId7Bit (BHT2)
Entries 130559

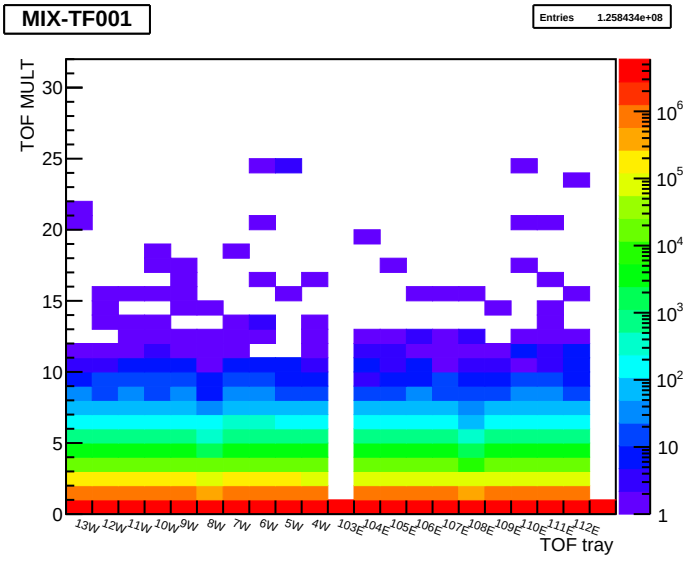

BunchId7Bit (JP2)
Entries 211181

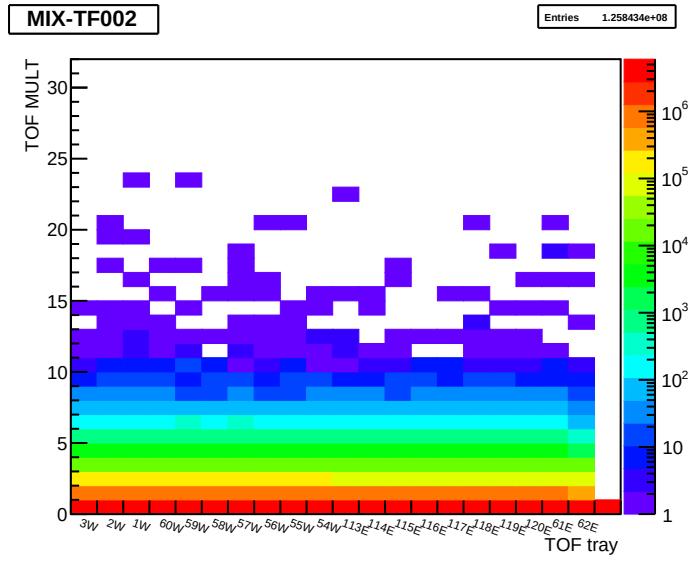

BunchId7Bit (BBC-TAC)
Entries3821639

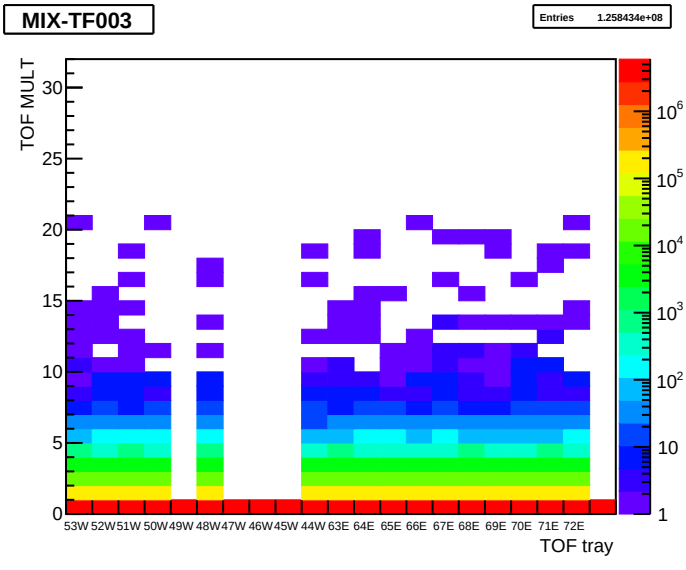

BunchId7Bit (VPD-TAC)
Entries2255292

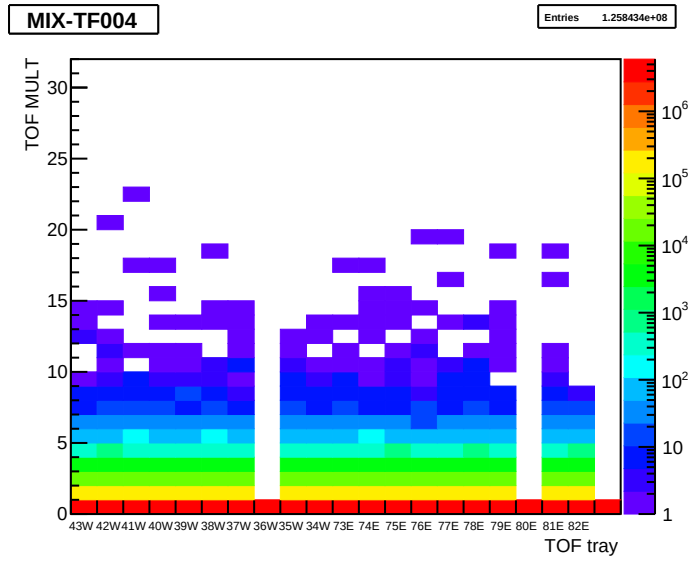

BunchId7Bit (MTD-th2)
Entries 0

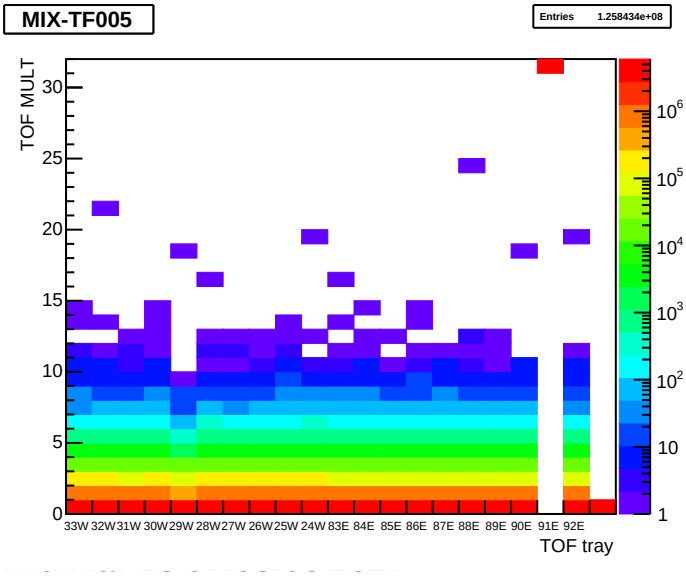

BunchId7Bit (RPET)
Entries1421389

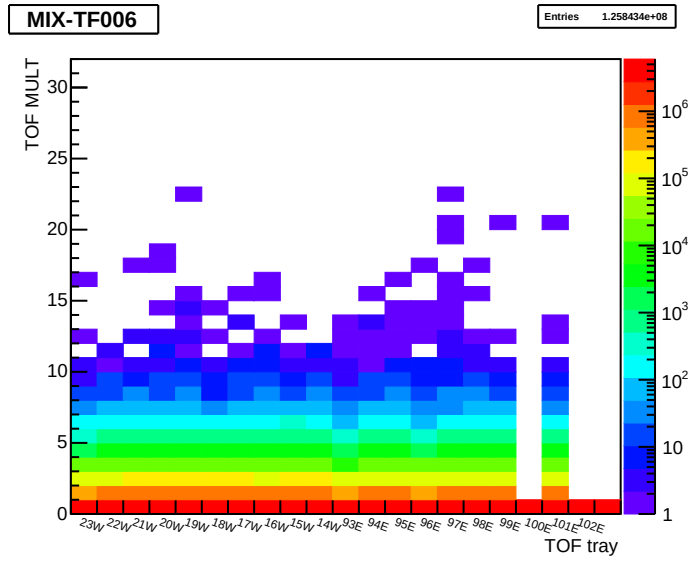

MIX-TF001
Entries 1.258434e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

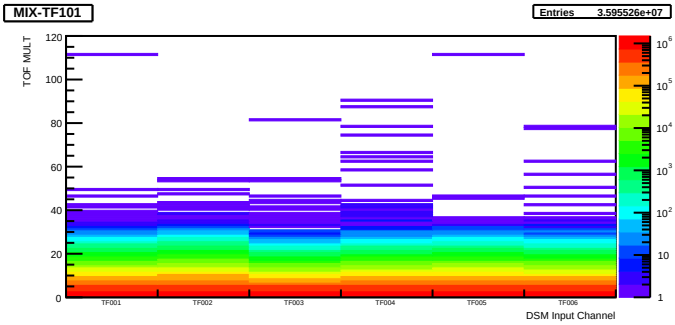

MIX-TF002
Entries 1.258434e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

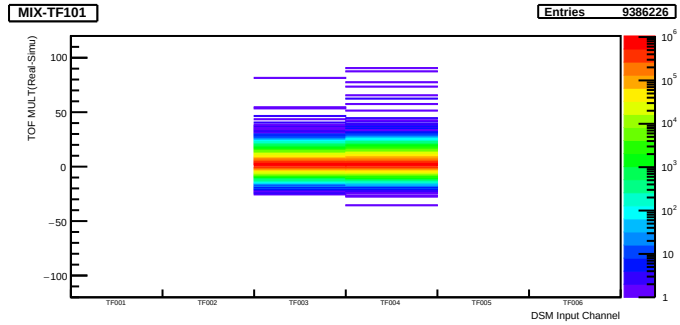

MIX-TF003
Entries 1.258434e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

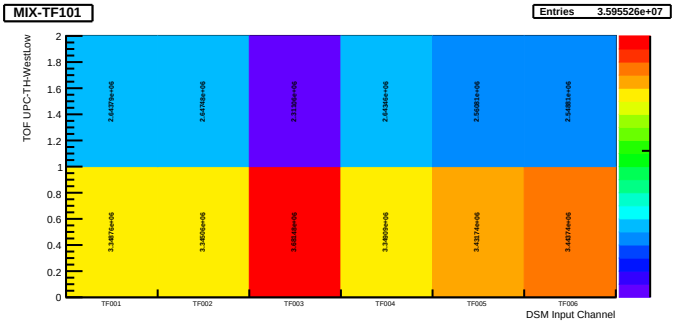

MIX-TF004
Entries 1.258434e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

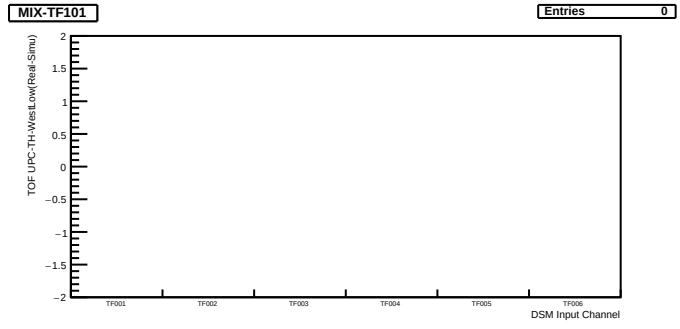

MIX-TF005
Entries 1.258434e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

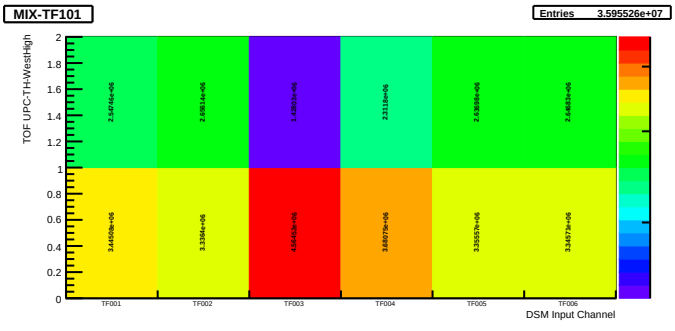

MIX-TF006
Entries 1.258434e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

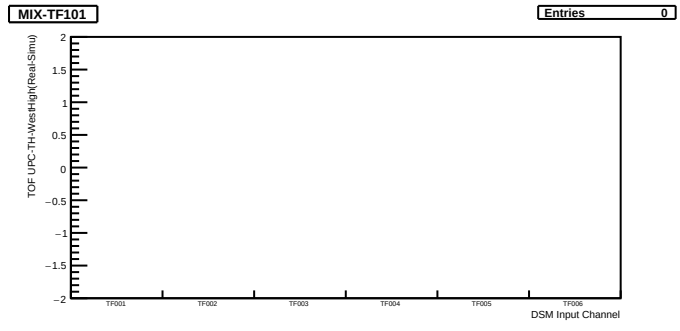

MIX-TF101
Entries 3.595526e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

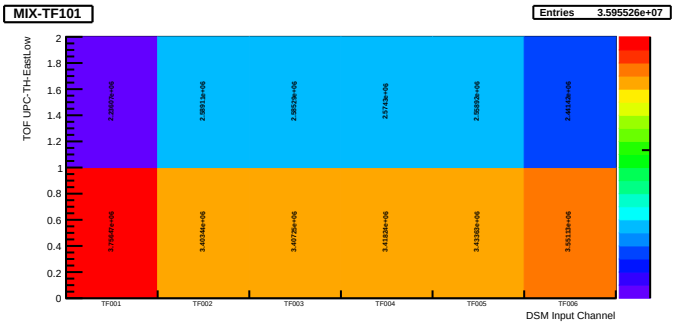

MIX-TF101
Entries 9386226
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

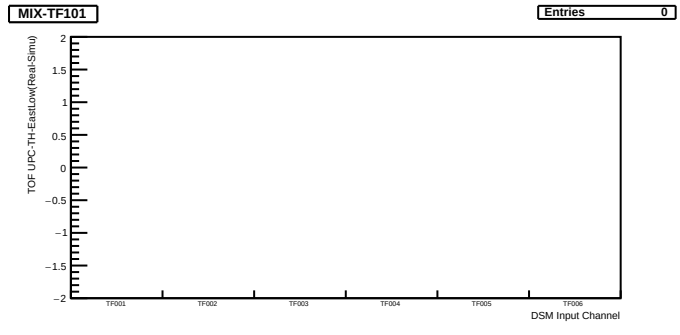

MIX-TF101
Entries 3.595526e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

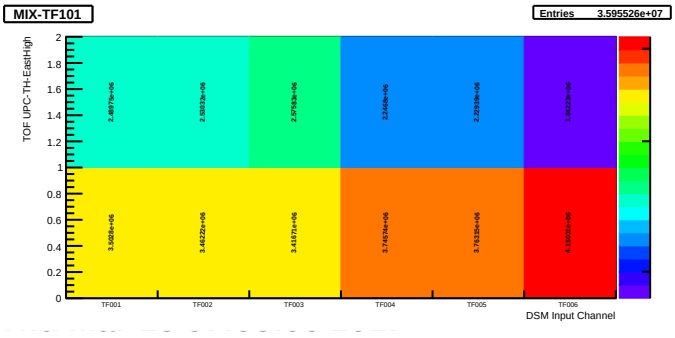

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

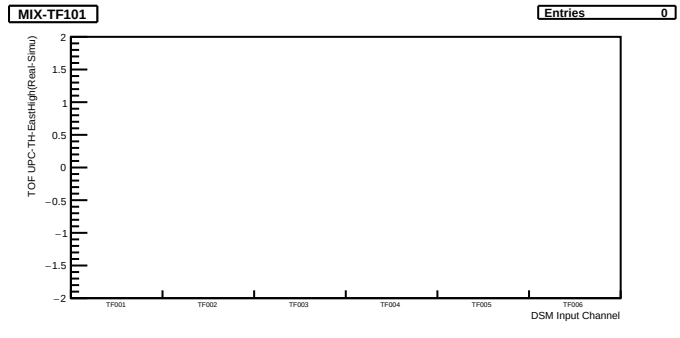

MIX-TF101
Entries 3.595526e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

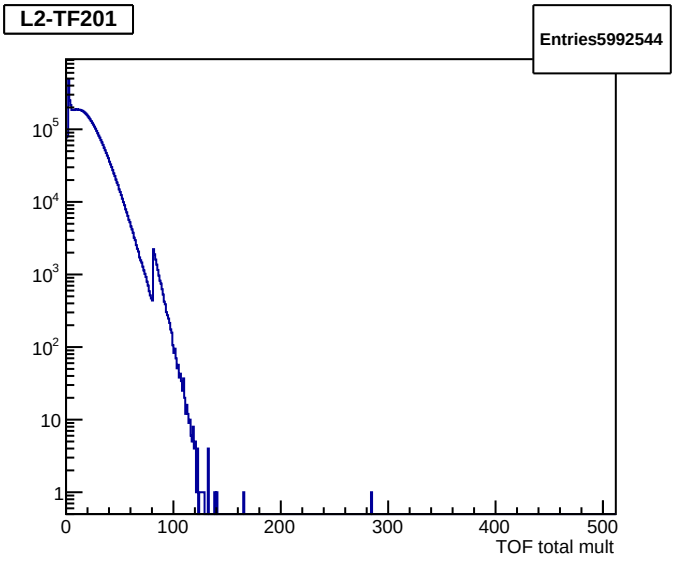

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

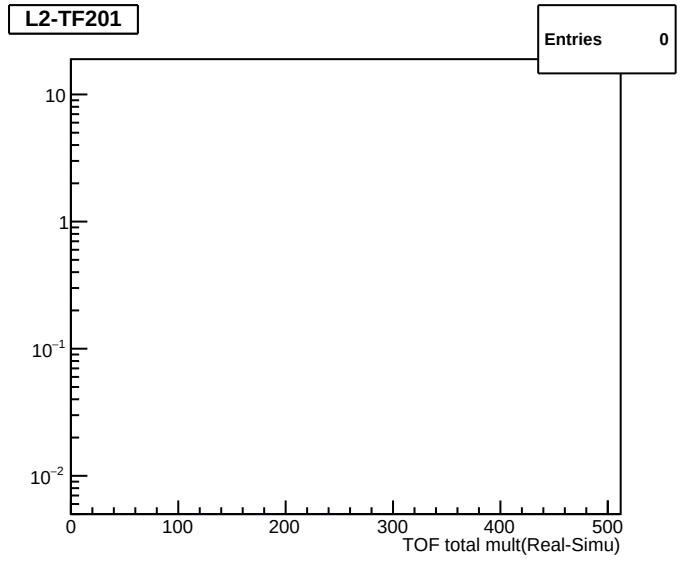

MIX-TF101
Entries 3.595526e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

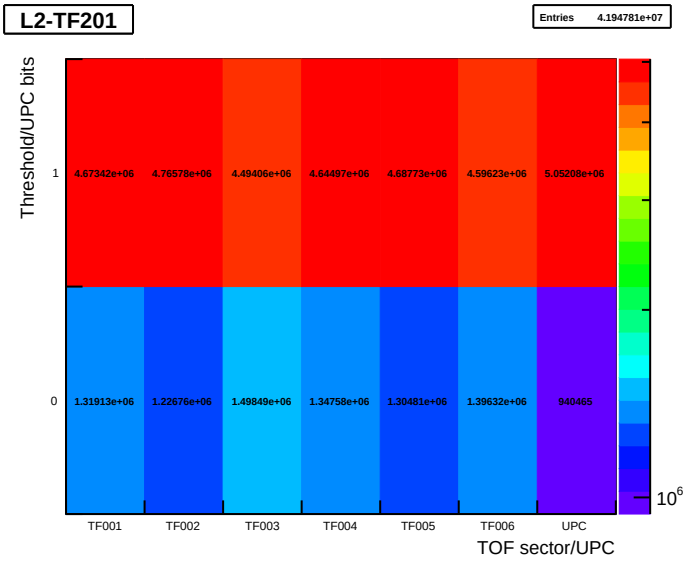

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

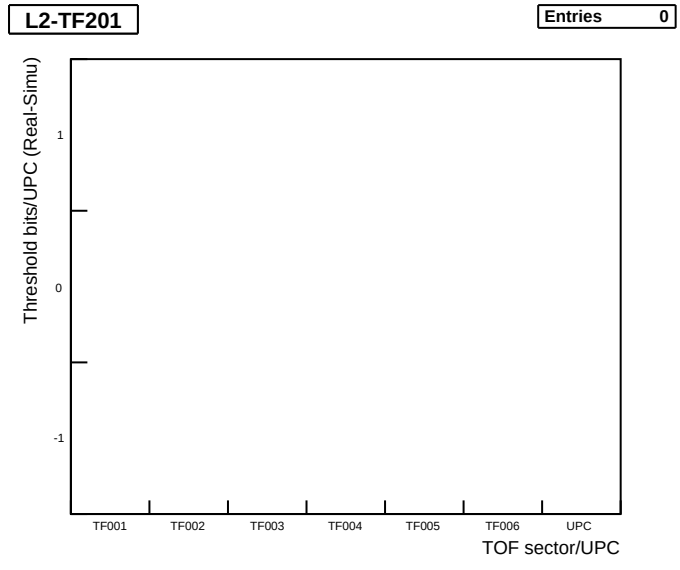

MIX-TF101
Entries 3.595526e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

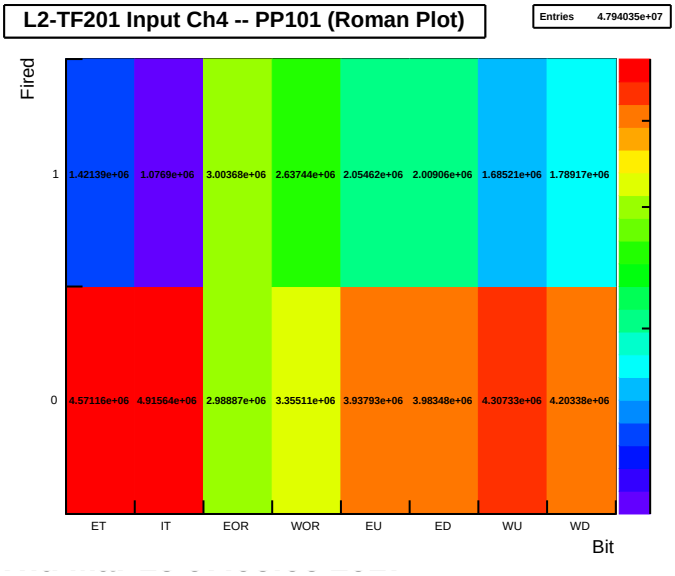

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

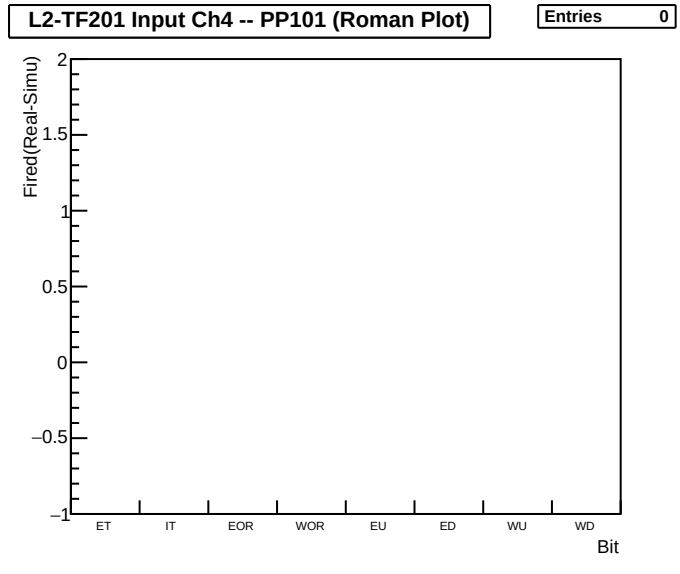

L2-TF201
Entries5992544
TOF total mult

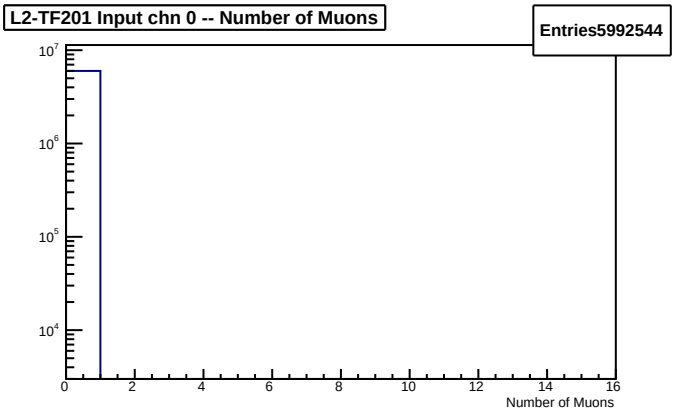

L2-TF201
Entries 0
TOF total mult(Real-Simu)

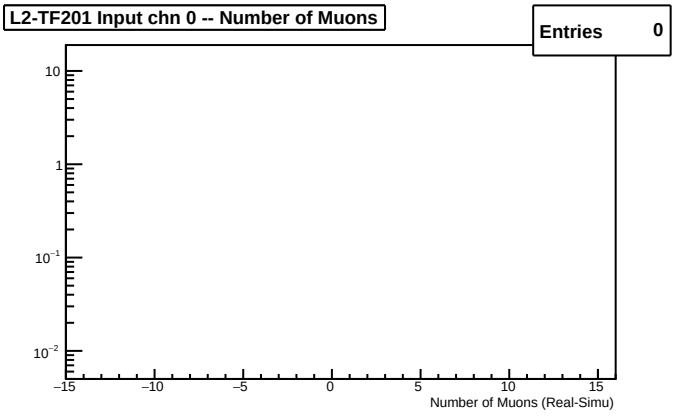

L2-TF201
Entries 4.194781e+07
Threshold/UPC bits
4.67342e+06
4.76578e+06
4.49406e+06
4.64497e+06
4.68773e+06
4.59623e+06
5.05208e+06
1.31913e+06
1.22676e+06
1.49849e+06
1.34758e+06
1.30481e+06
1.39632e+06
940465
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

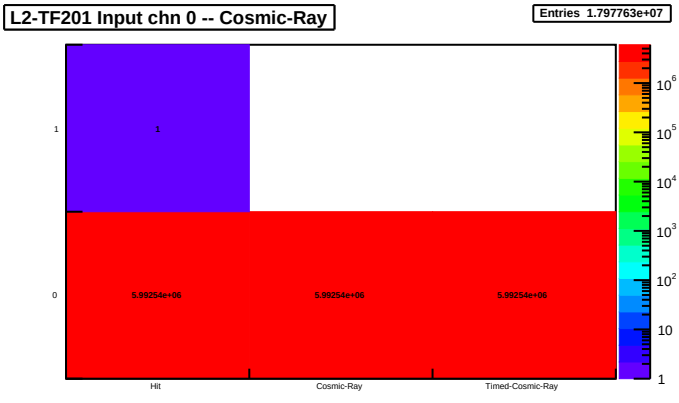

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

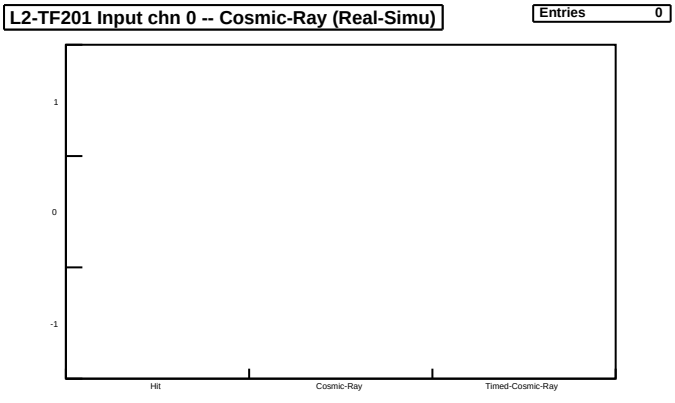

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.794035e+07
Fired
1.42139e+06
1.0769e+06
3.00368e+06
2.63744e+06
2.05462e+06
2.00906e+06
1.68521e+06
1.78917e+06
4.57116e+06
4.91564e+06
2.98887e+06
3.35511e+06
3.93793e+06
3.98348e+06
4.30733e+06
4.20338e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

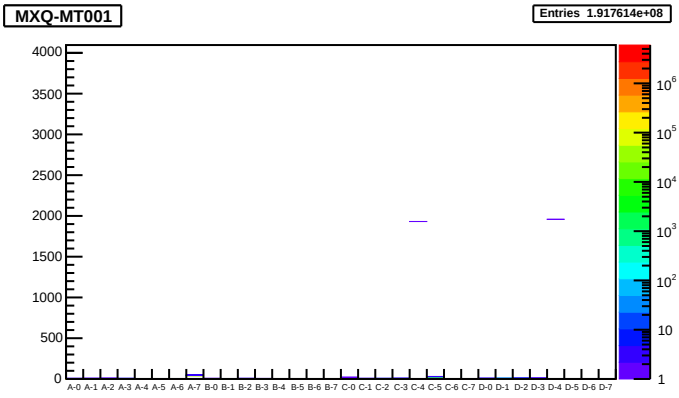

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

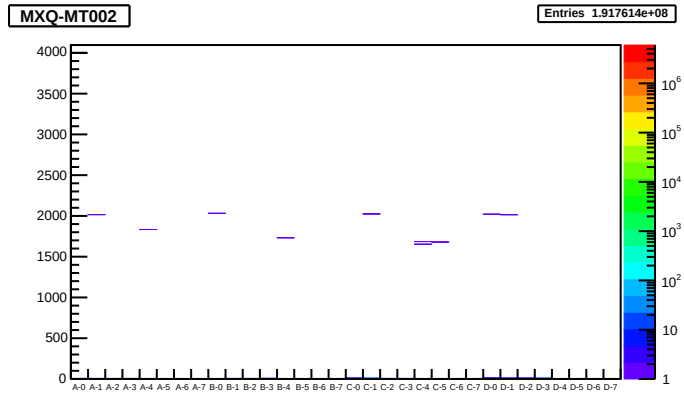

L2-TF201 Input chn 0 -- Number of Muons
Entries5992544
Number of Muons

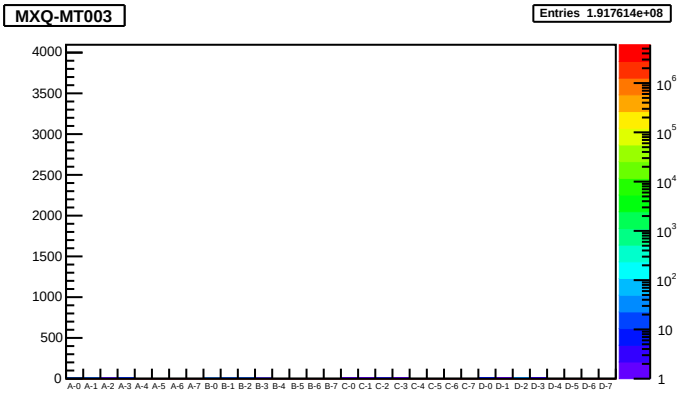

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

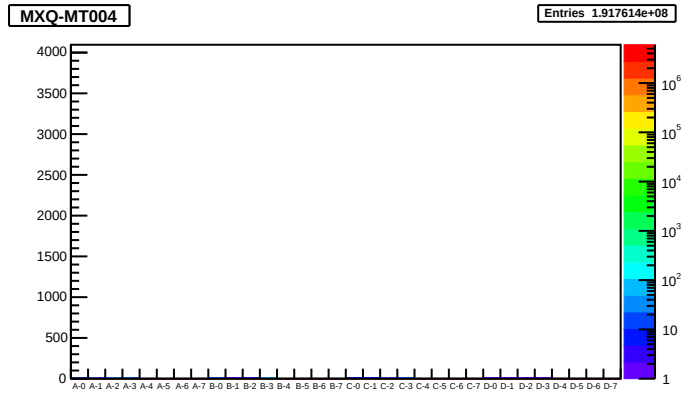

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.797763e+07
5.99254e+06
5.99254e+06
5.99254e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

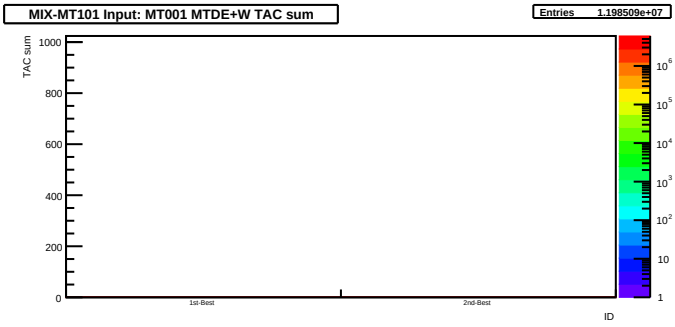

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

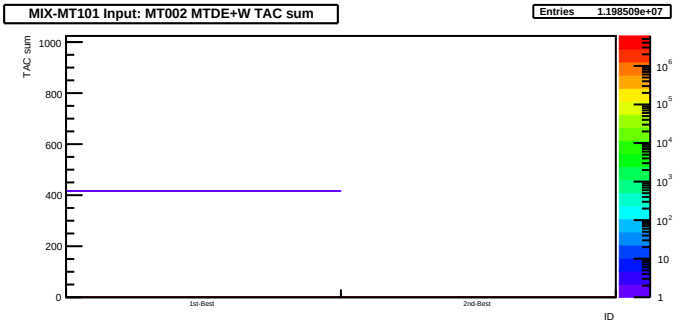

MXQ-MT001
Entries 1.917614e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

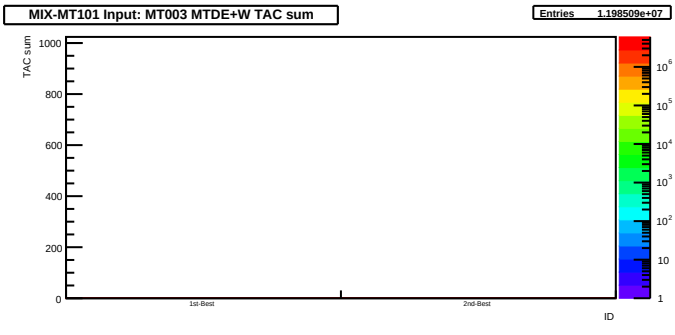

MXQ-MT002
Entries 1.917614e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

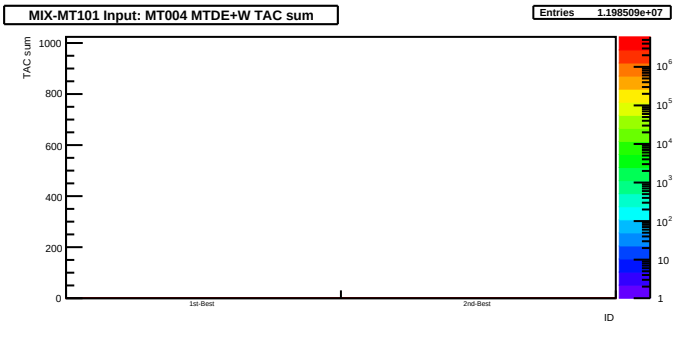

MXQ-MT003
Entries 1.917614e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

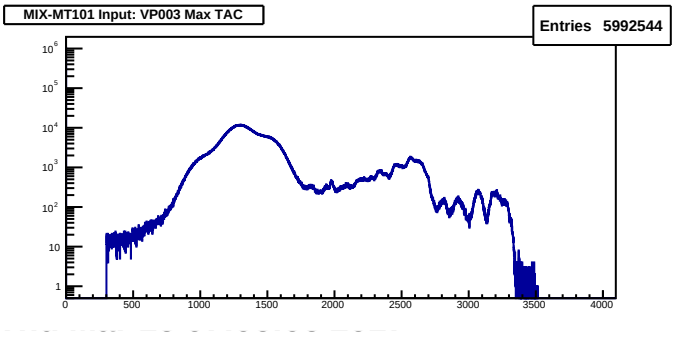

MXQ-MT004
Entries 1.917614e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

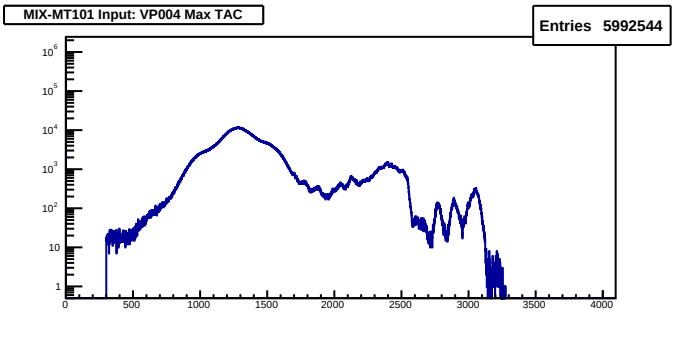

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.198509e+07
TAC sum
1st-Best
2nd-Best
ID

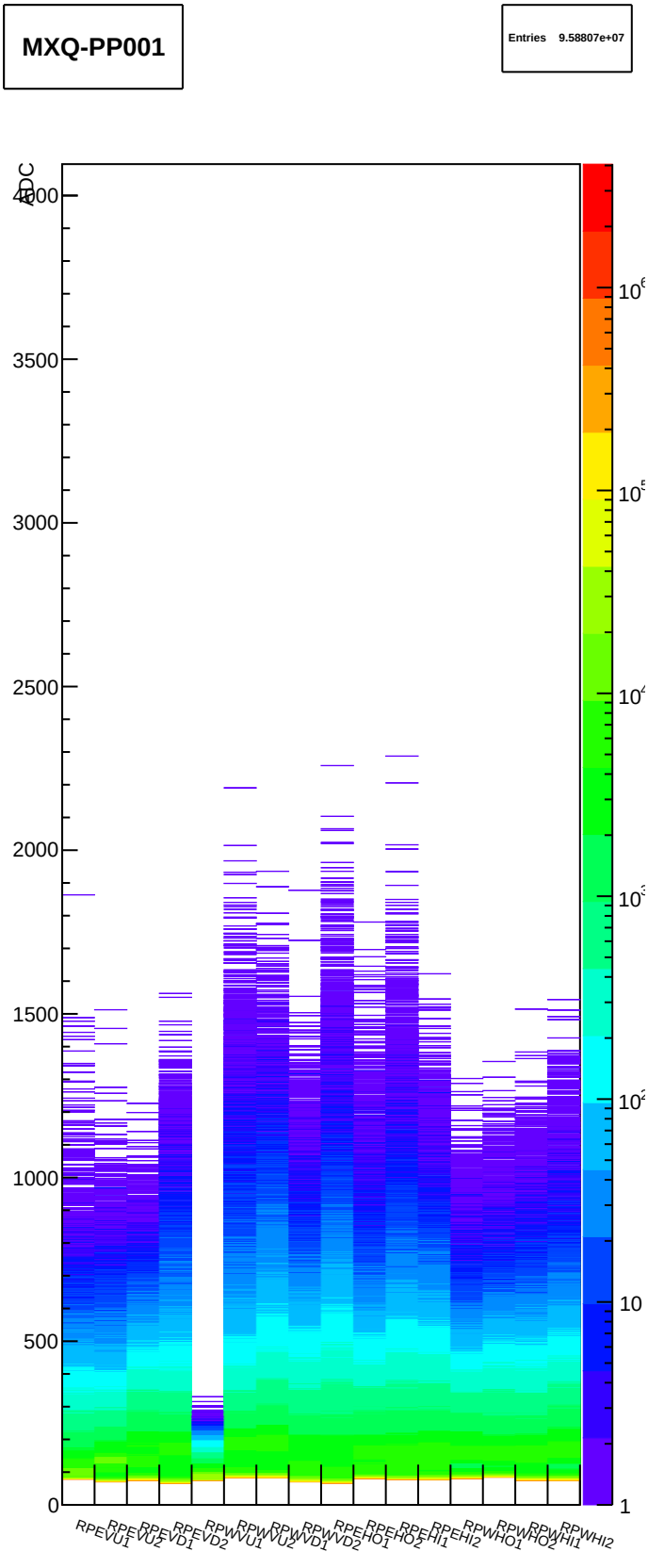

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.198509e+07
TAC sum
1st-Best
2nd-Best
ID

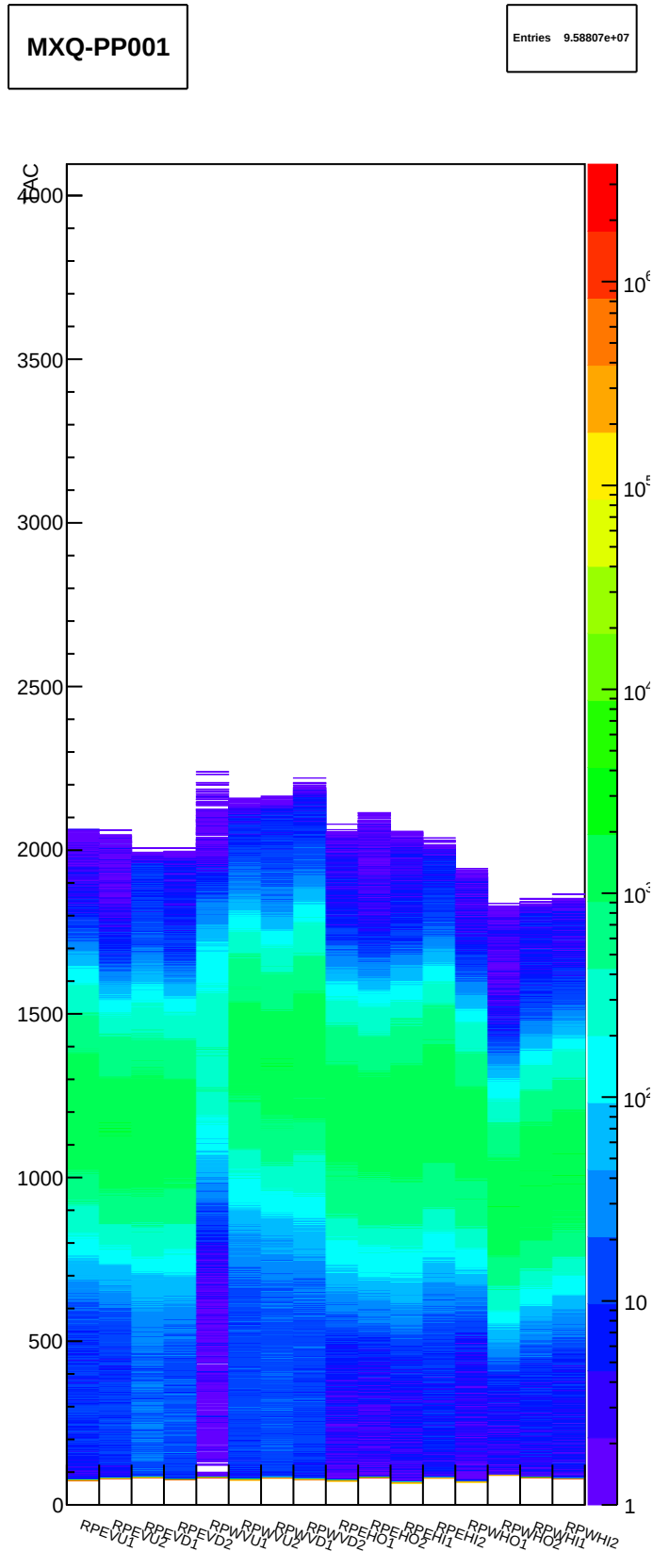

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.198509e+07
TAC sum
1st-Best
2nd-Best
ID

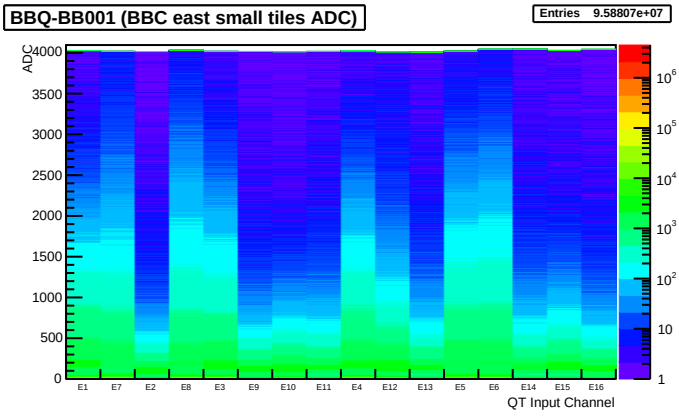

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.198509e+07
TAC sum
1st-Best
2nd-Best
ID

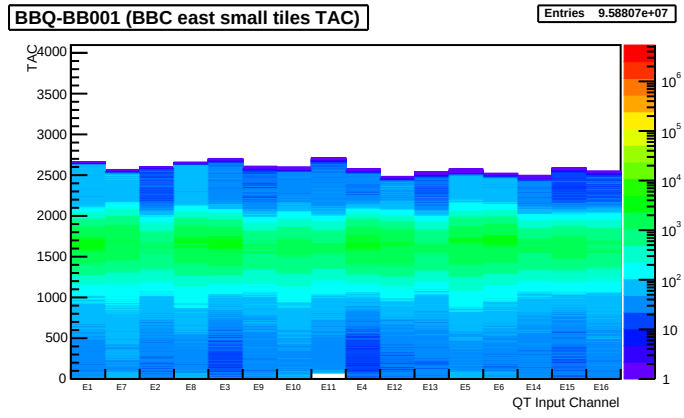

MIX-MT101 Input: VP003 Max TAC
Entries 5992544

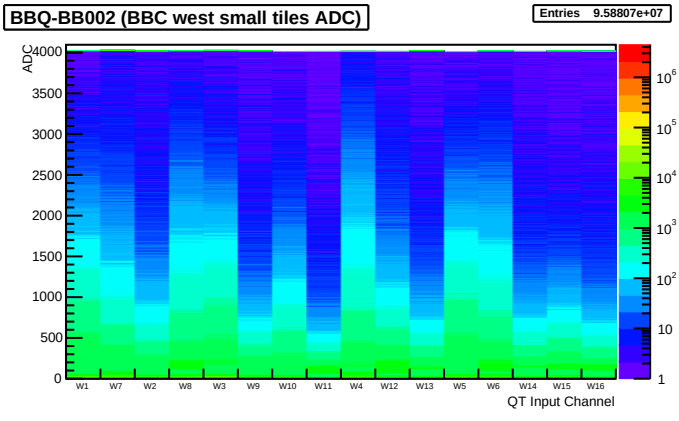

MIX-MT101 Input: VP004 Max TAC
Entries 5992544

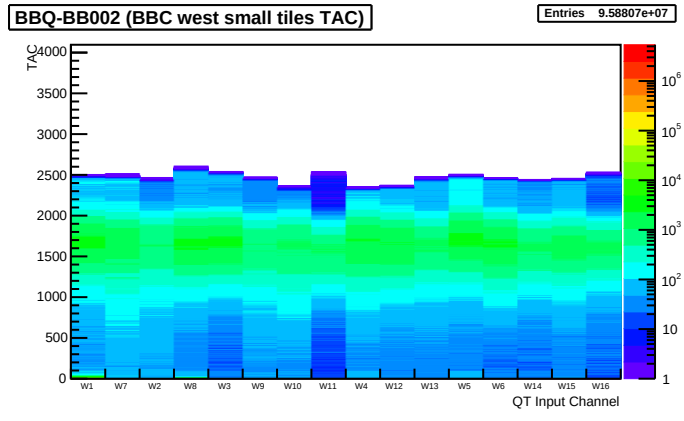

MXQ-PP001
Entries 9.58807e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

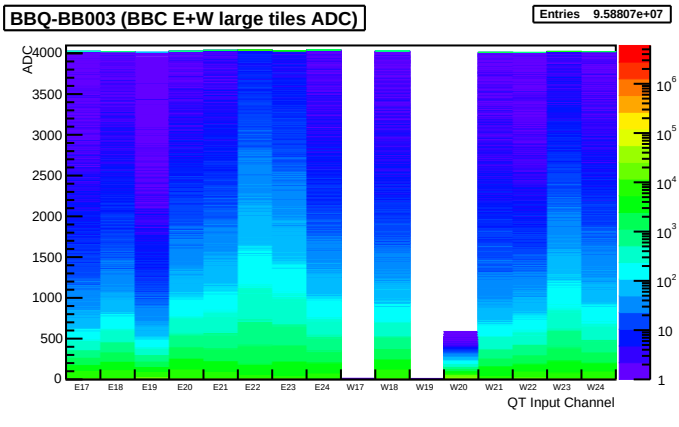

MXQ-PP001
Entries 9.58807e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

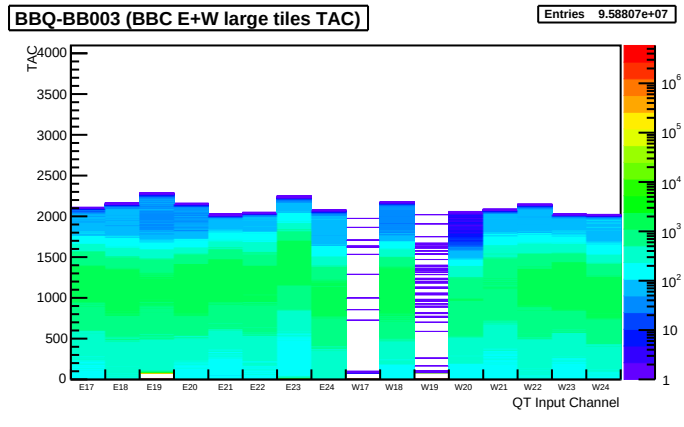

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.58807e+07
ADC
QT Input Channel

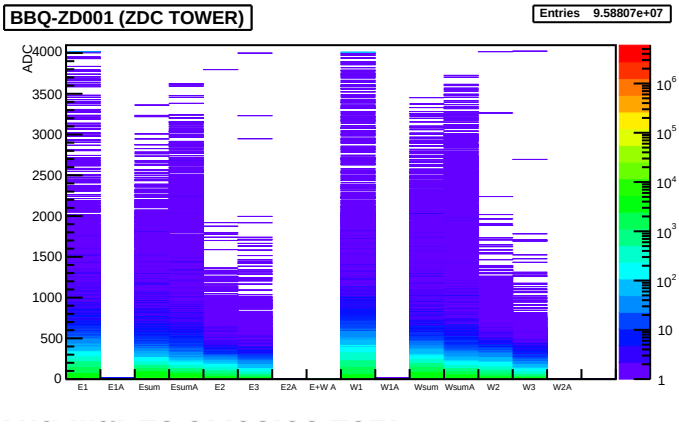

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.58807e+07
TAC
QT Input Channel

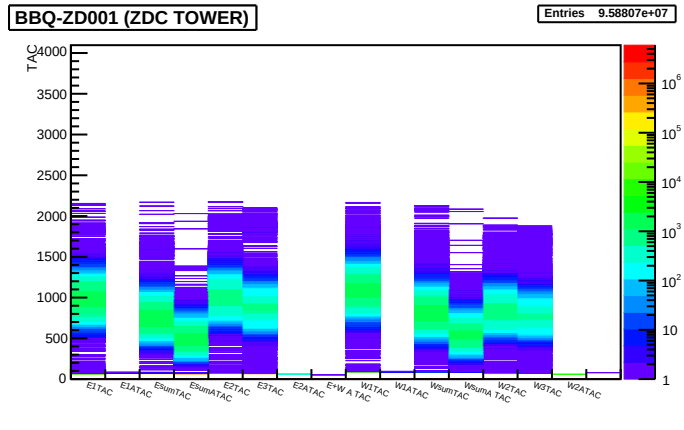

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.58807e+07
ADC
QT Input Channel

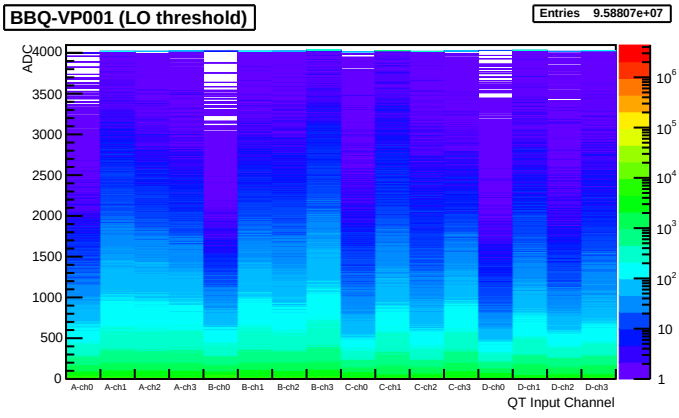

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.58807e+07
TAC
QT Input Channel

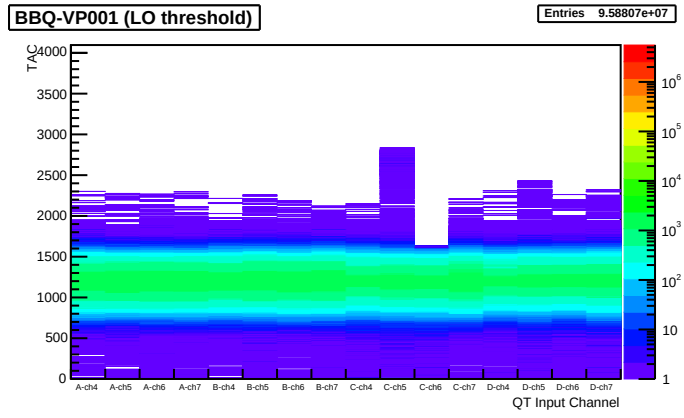

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.58807e+07
ADC
QT Input Channel

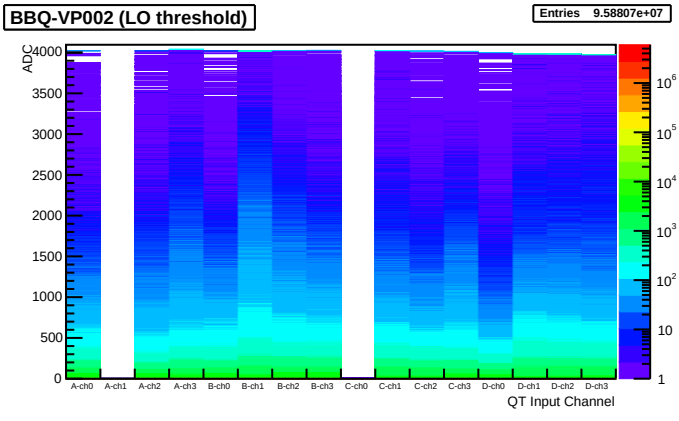

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.58807e+07
TAC
QT Input Channel

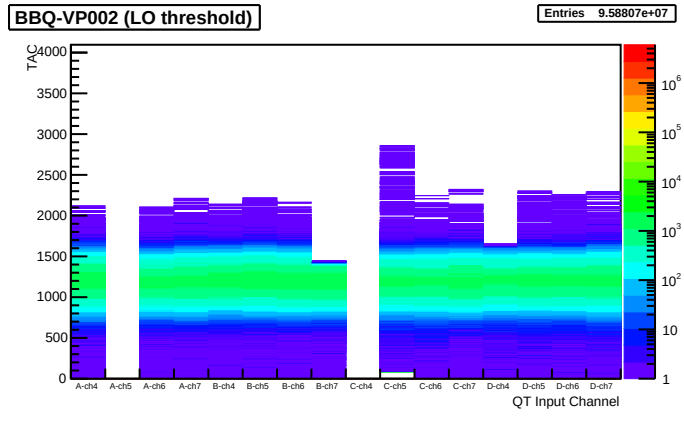

BBQ-ZD001 (ZDC TOWER)
Entries 9.58807e+07
ADC

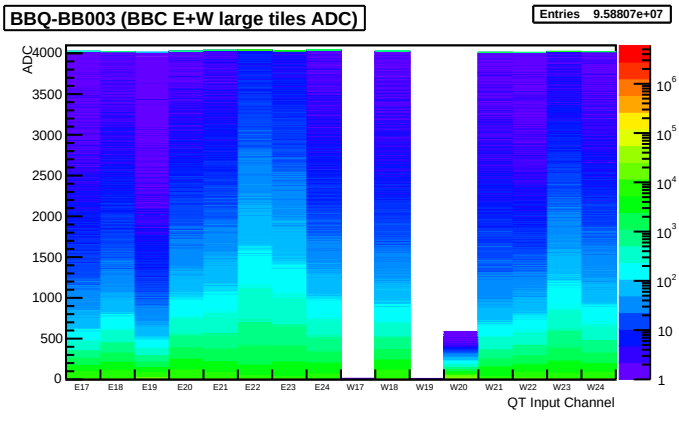

BBQ-ZD001 (ZDC TOWER)
Entries 9.58807e+07
TAC

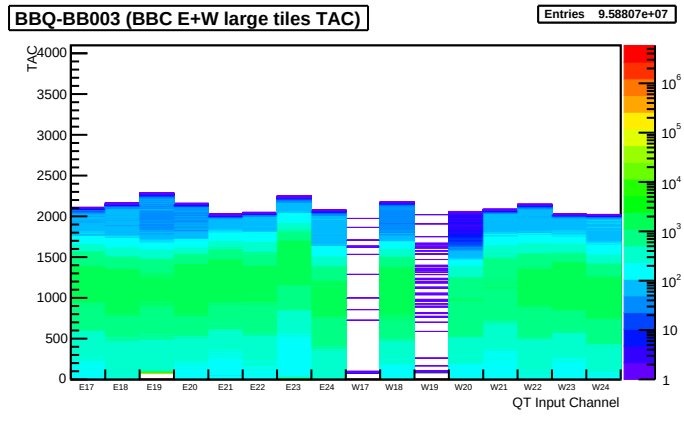

BBQ-VP001 (LO threshold)
Entries 9.58807e+07
ADC
QT Input Channel

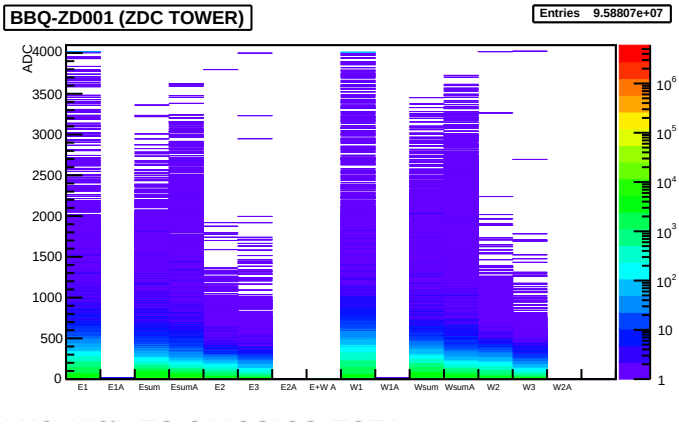

BBQ-VP001 (LO threshold)
Entries 9.58807e+07
TAC
QT Input Channel

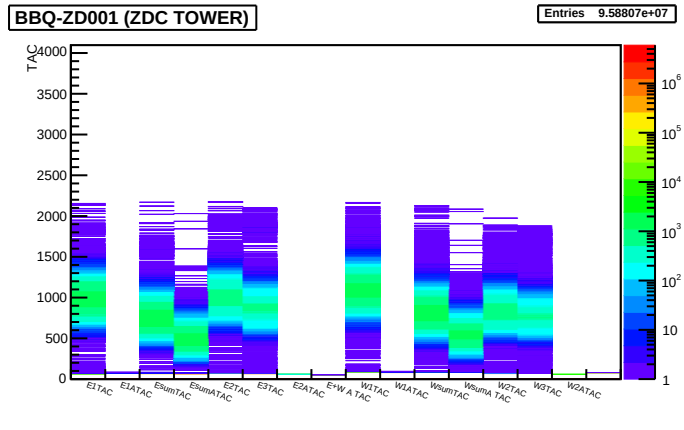

BBQ-VP002 (LO threshold)
Entries 9.58807e+07
ADC
QT Input Channel

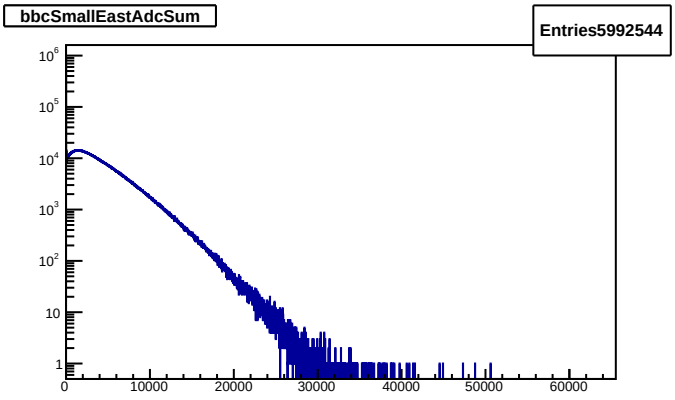

BBQ-VP002 (LO threshold)
Entries 9.58807e+07
TAC
QT Input Channel

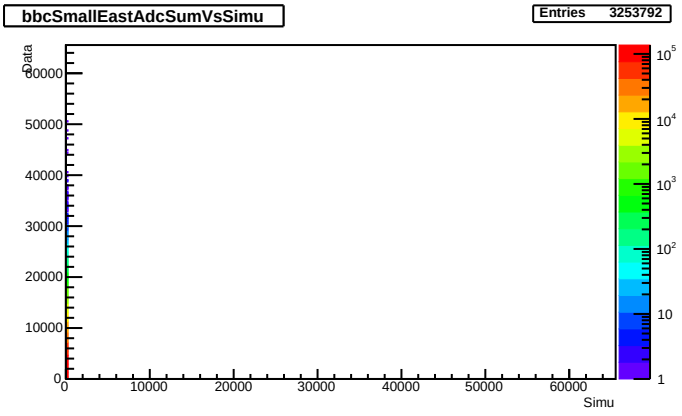

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.58807e+07
ADC
QT Input Channel

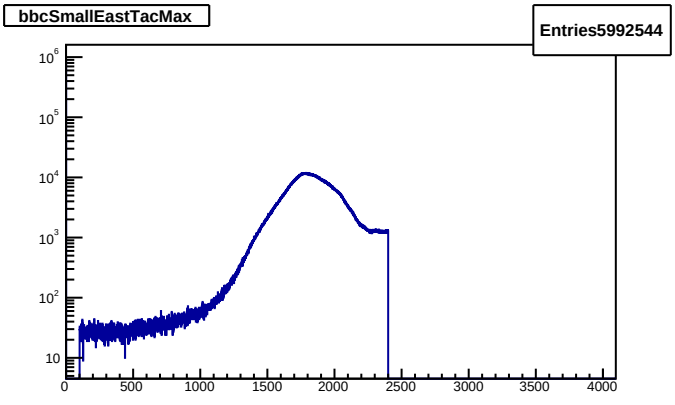

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.58807e+07
TAC
QT Input Channel

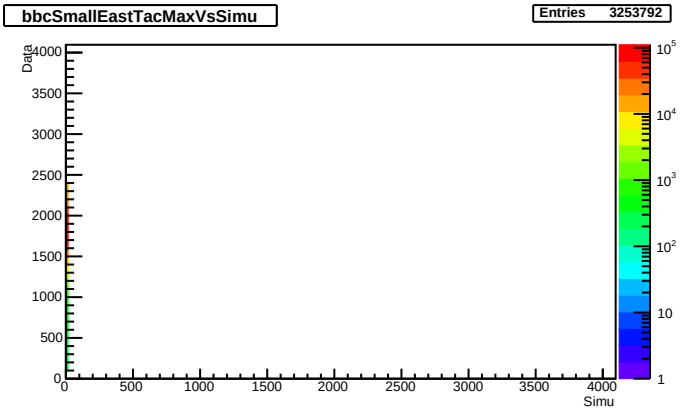

BBQ-ZD001 (ZDC TOWER)
Entries 9.58807e+07
ADC

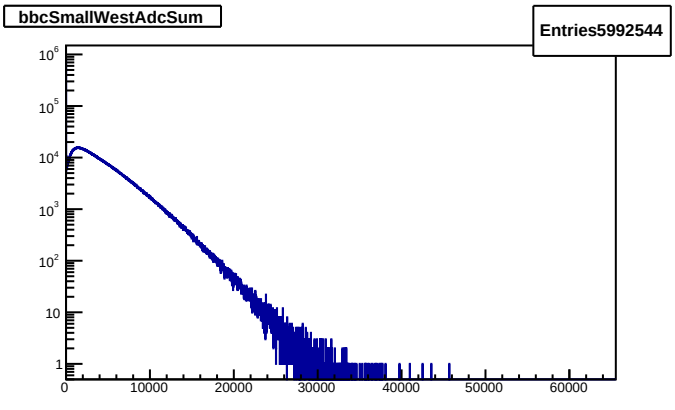

BBQ-ZD001 (ZDC TOWER)
Entries 9.58807e+07
TAC

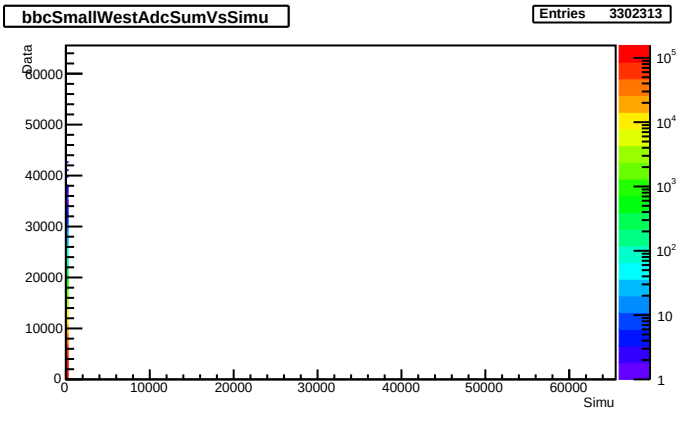

bbcSmallEastAdcSum
Entries5992544

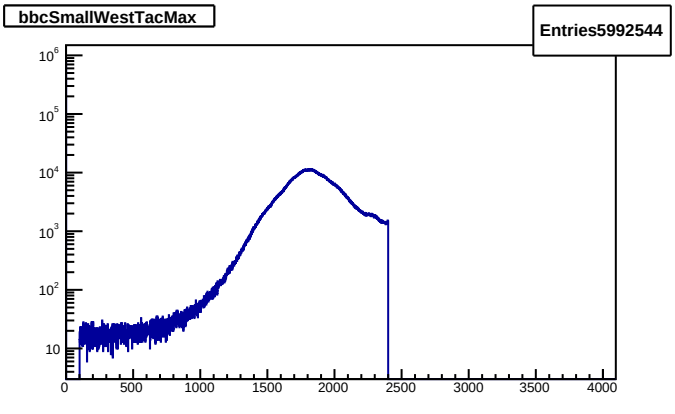

bbcSmallEastAdcSumVsSimu
Entries 3253792
Data
Simu

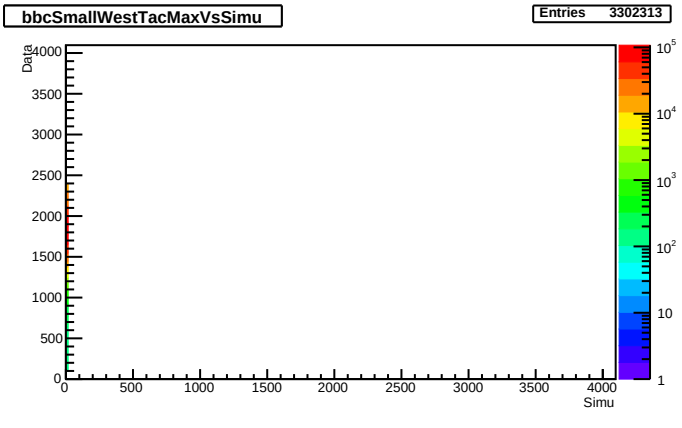

bbcSmallEastTacMax
Entries5992544

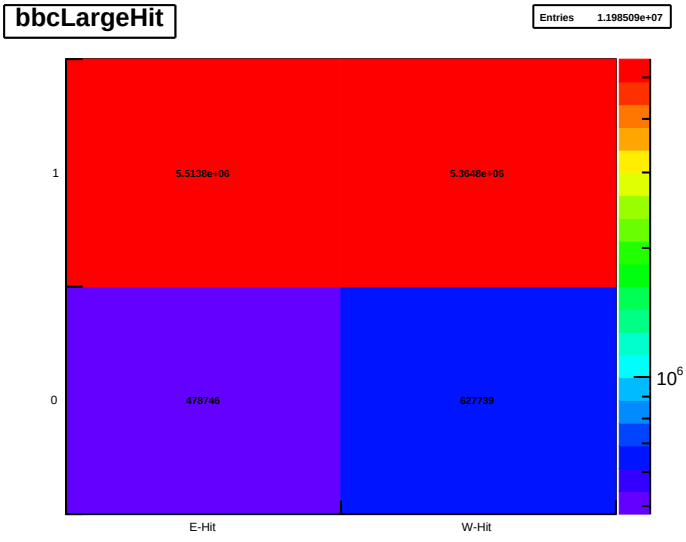

bbcSmallEastTacMaxVsSimu
Entries 3253792
Data
Simu

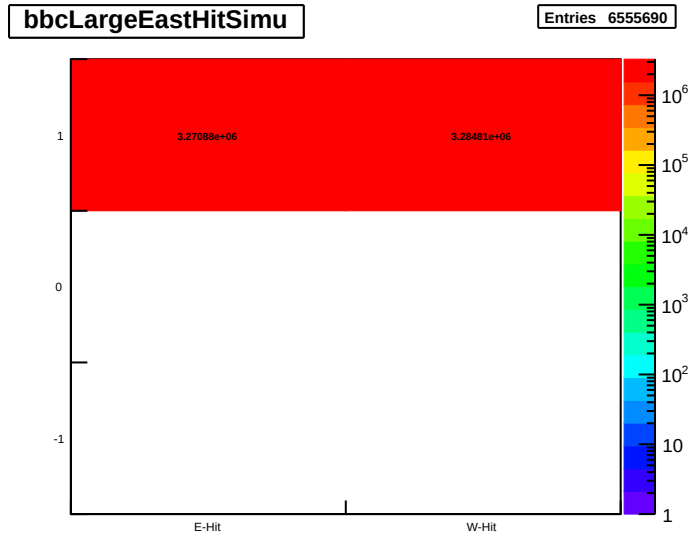

bbcSmallWestAdcSum
Entries5992544

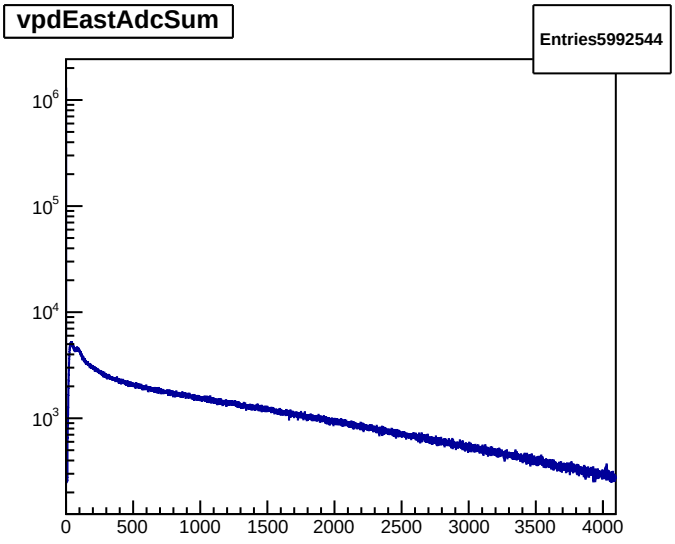

bbcSmallWestAdcSumVsSimu
Entries 3302313
Data
Simu

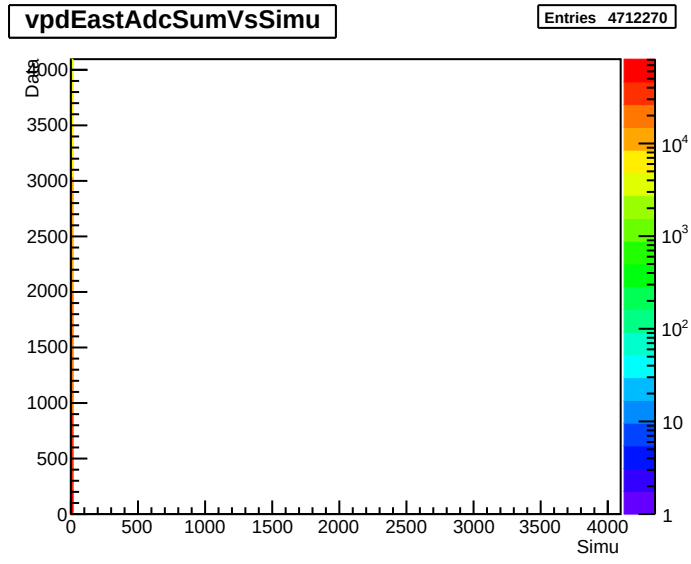

bbcSmallWestTacMax
Entries5992544

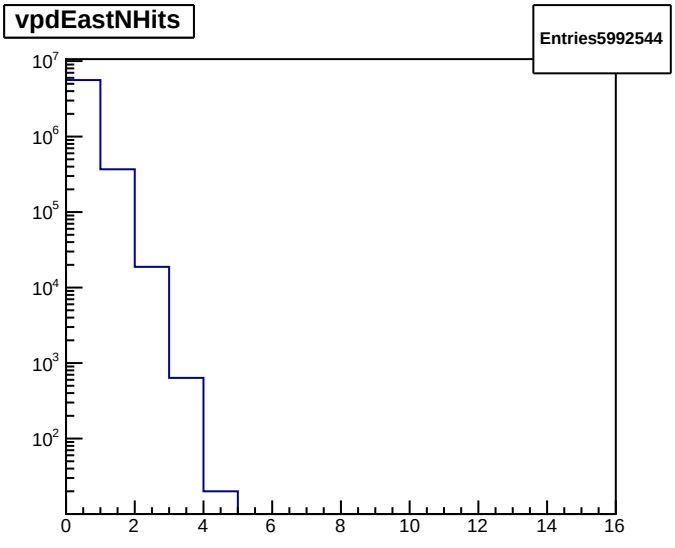

bbcSmallWestTacMaxVsSimu
Entries 3302313
Data
Simu

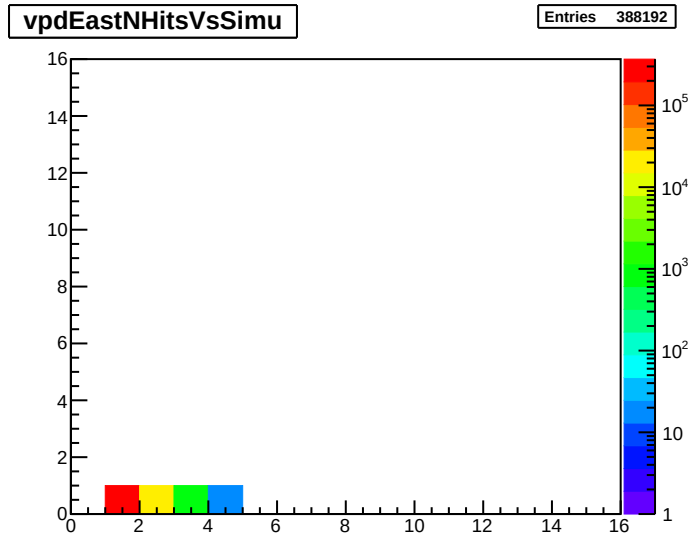

bbcLargeHit
Entries 1.198509e+07
5.5138e+06
5.3648e+06
478746
627739
1
0
E-Hit
W-Hit
10^6

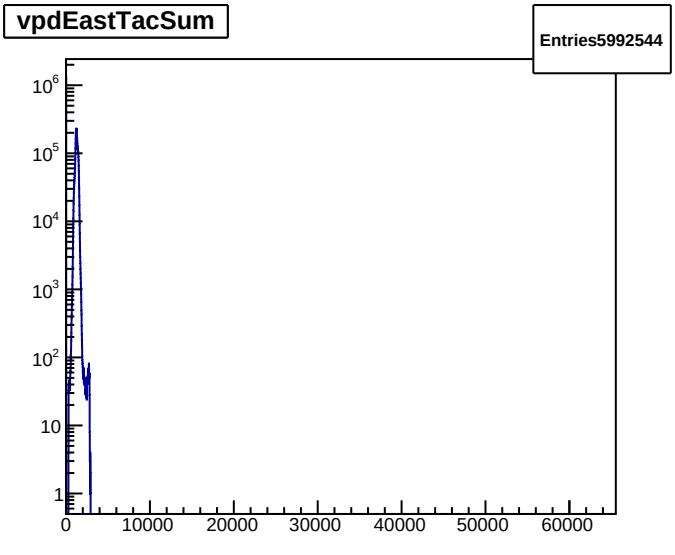

bbcLargeEastHitSimu
Entries 6555690
3.27088e+06
3.28481e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

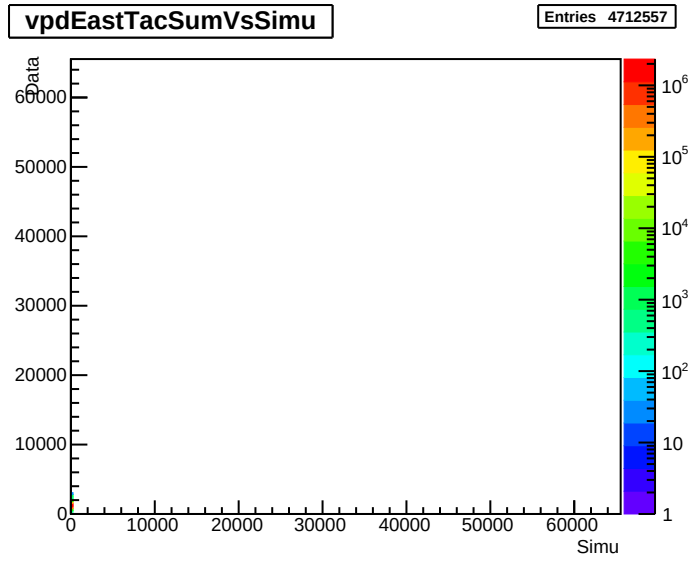

vpdEastAdcSum
Entries5992544

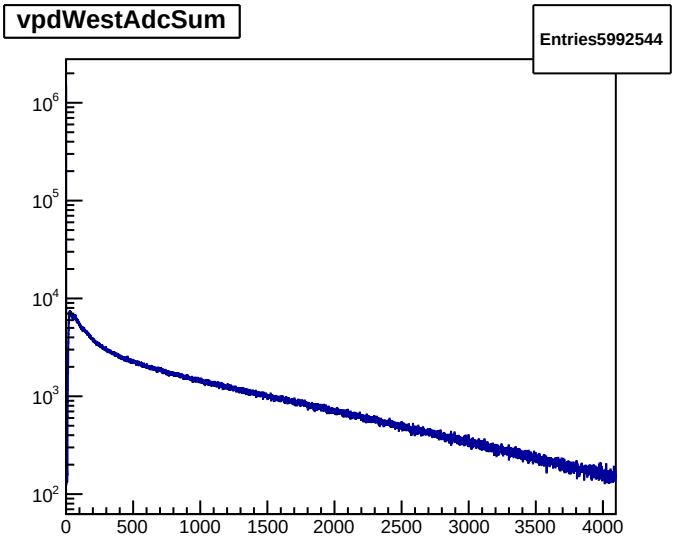

vpdEastAdcSumVsSimu
Entries 4712270
Data
Simu

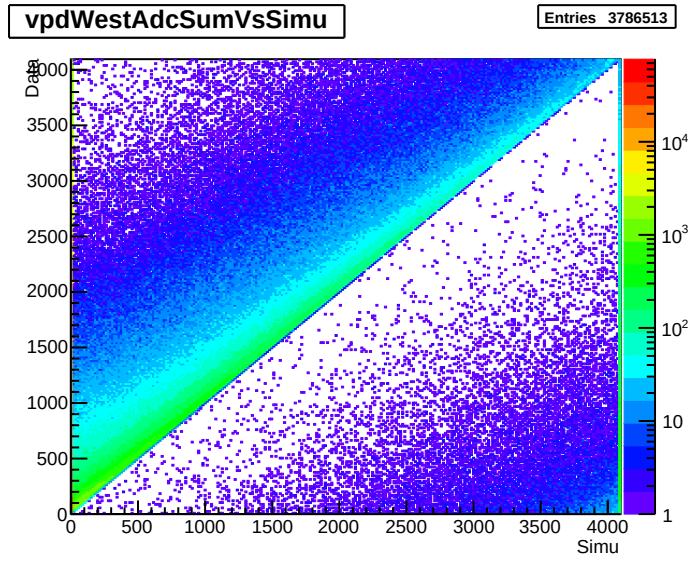

vpdEastNHits
Entries5992544

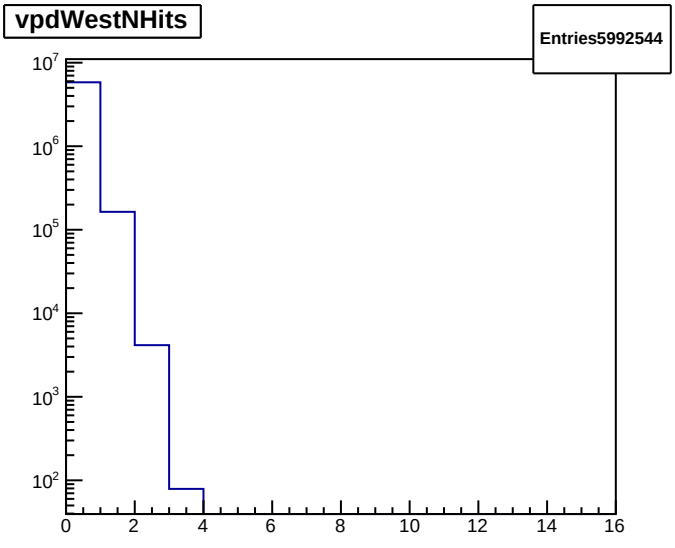

vpdEastNHitsVsSimu
Entries 388192

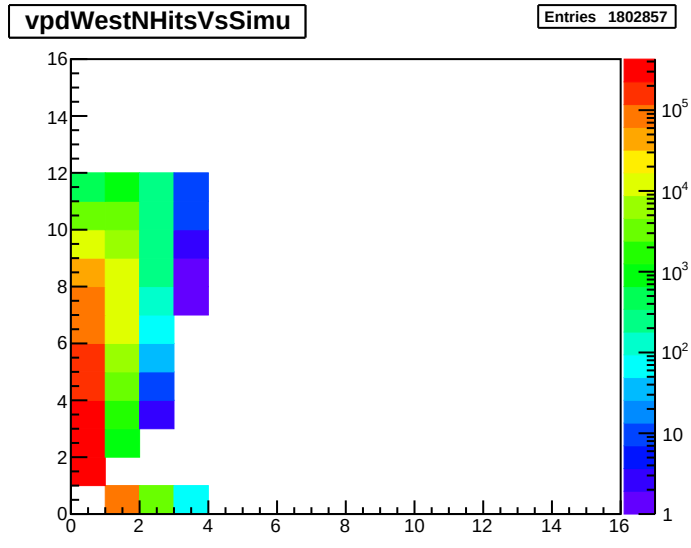

vpdEastTacSum
Entries5992544

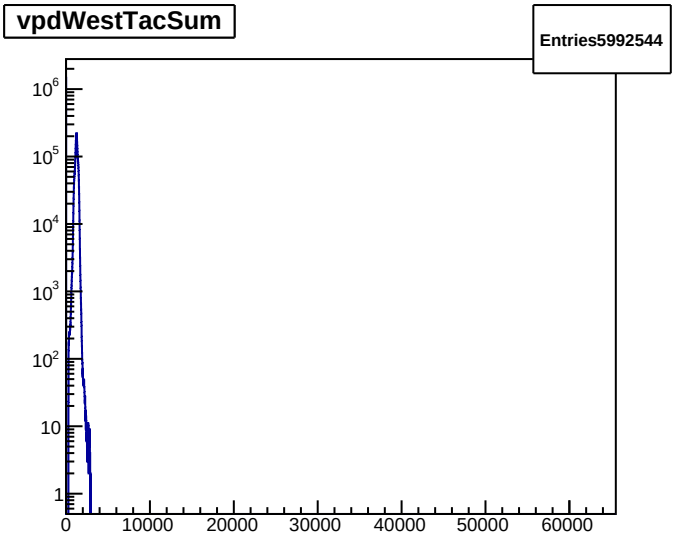

vpdEastTacSumVsSimu
Entries 4712557
Data
Simu

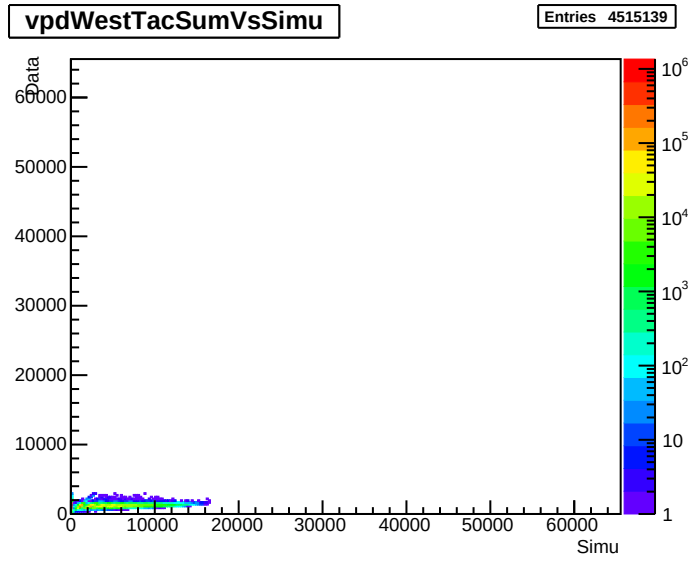

vpdWestAdcSum
Entries5992544

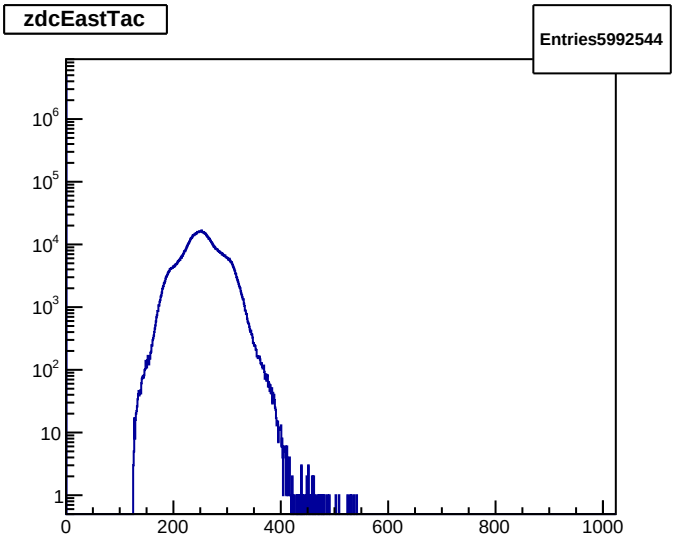

vpdWestAdcSumVsSimu
Entries 3786513
Data
Simu

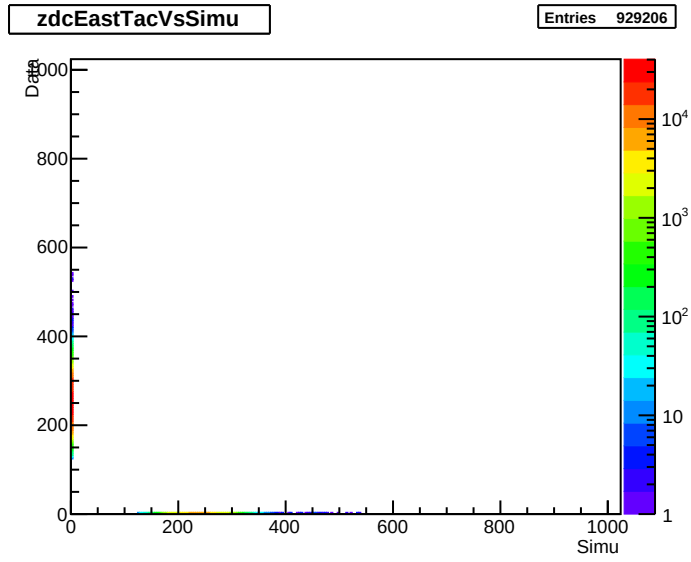

vpdWestNHits
Entries5992544

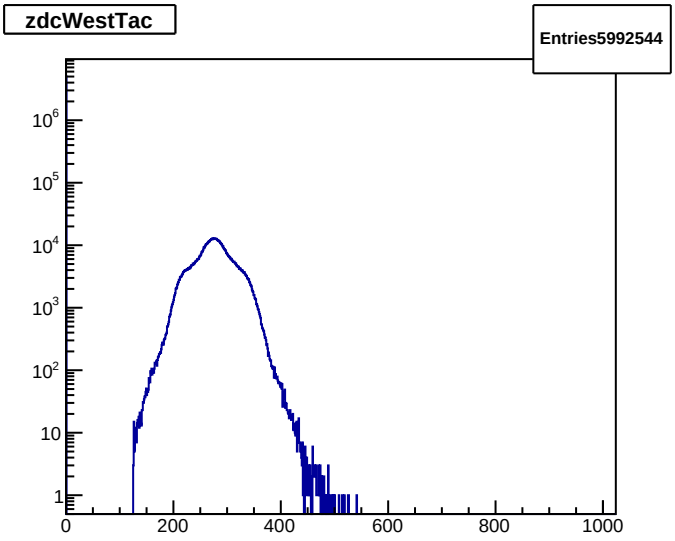

vpdWestNHitsVsSimu
Entries 1802857

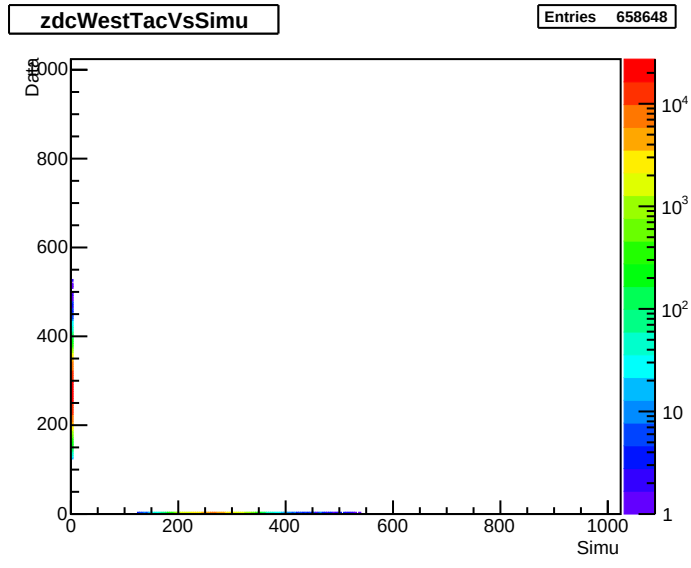

vpdWestTacSum
Entries5992544

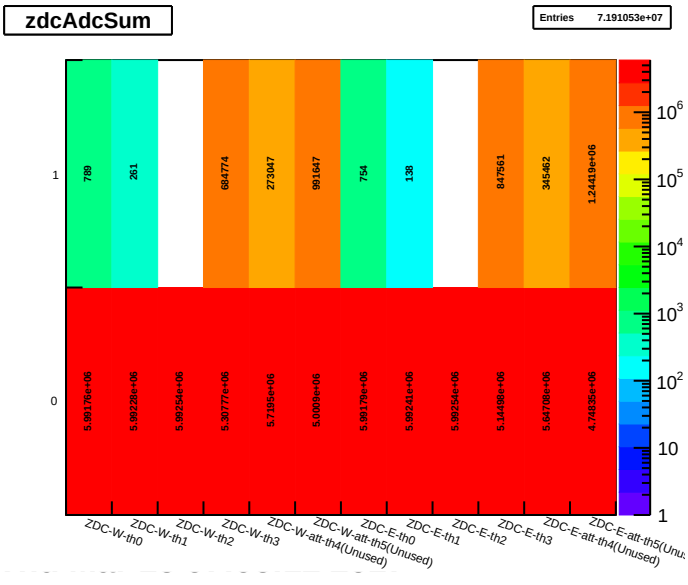

vpdWestTacSumVsSimu
Entries 4515139
Data
Simu

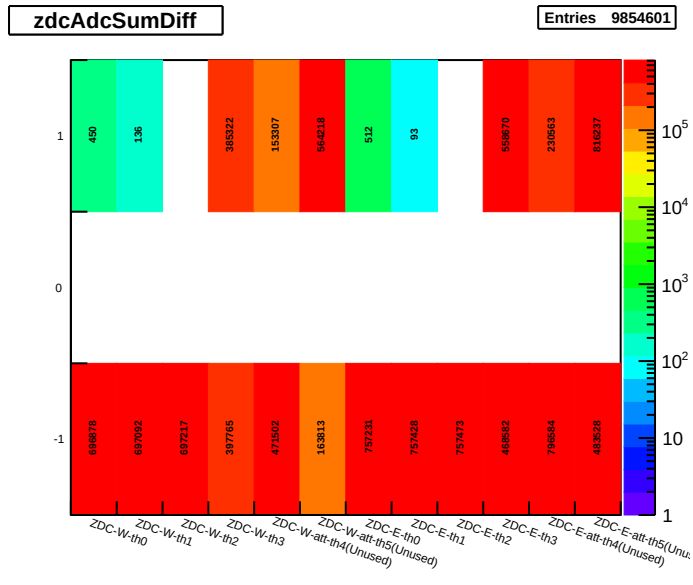

zdcEastTac
Entries5992544

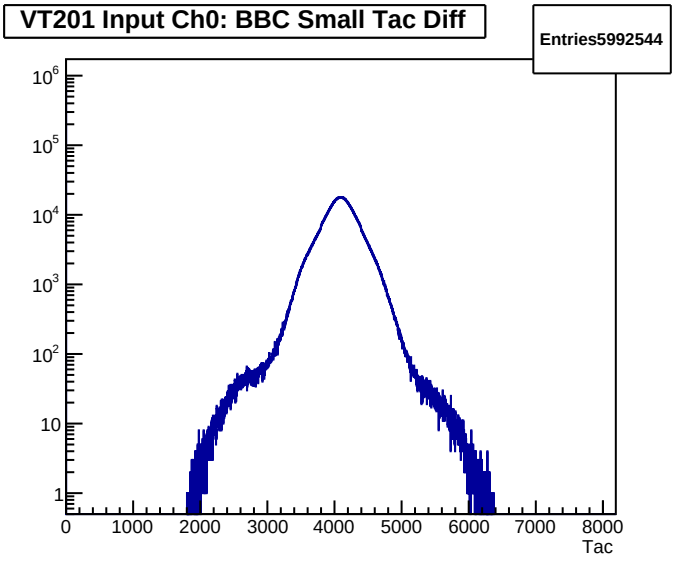

zdcEastTacVsSimu
Entries 929206
Data
Simu

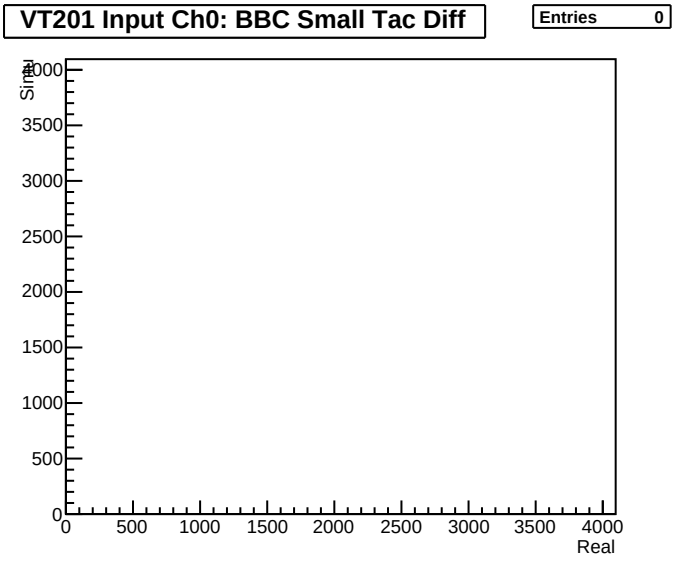

zdcWestTac
Entries5992544

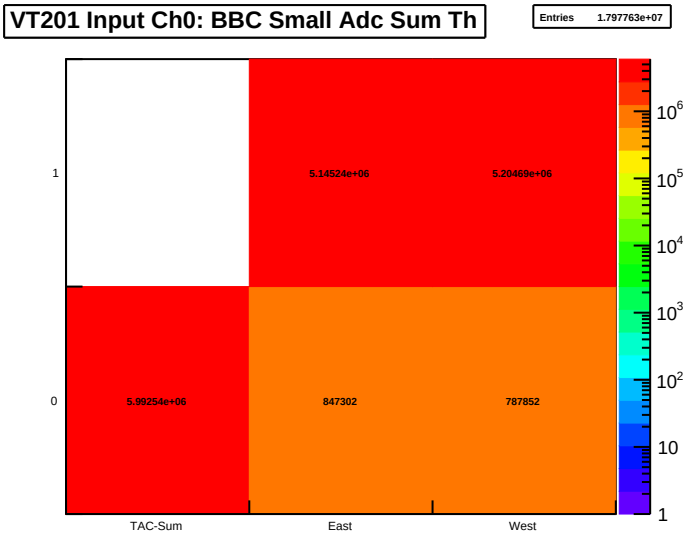

zdcWestTacVsSimu
Entries 658648
Data
Simu

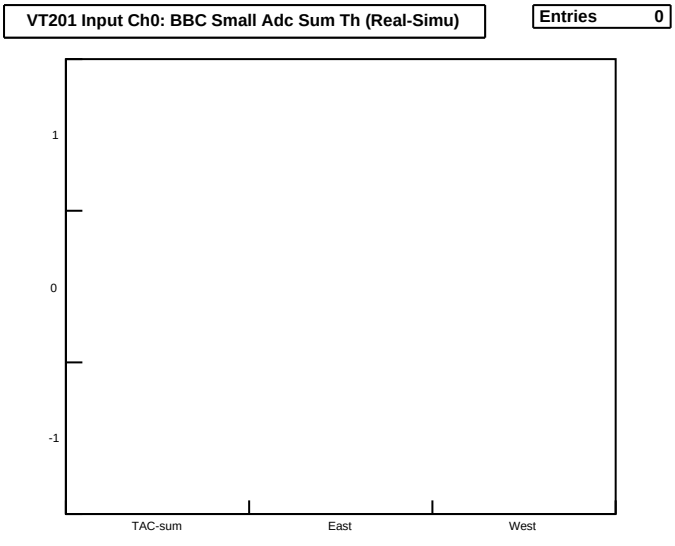

zdcAdcSum
Entries 7.191053e+07
789
261
684774
273047
991647
754
138
847561
345462
1.24419e+06
5.99176e+06
5.99228e+05
5.99254e+06
5.30777e+06
5.7195e+06
5.0009e+06
5.99179e+06
5.99241e+06
5.99254e+05
5.14498e+06
5.64708e+06
4.74835e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

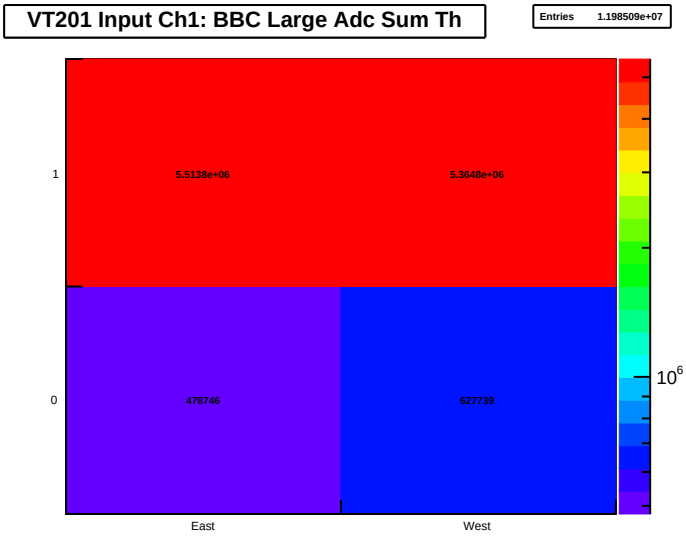

zdcAdcSumDiff
Entries 9854601
450
136
385322
153307
564218
512
93
558670
230563
816237
698878
697092
697217
397765
471502
163813
757231
757428
757473
468582
796584
483528
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

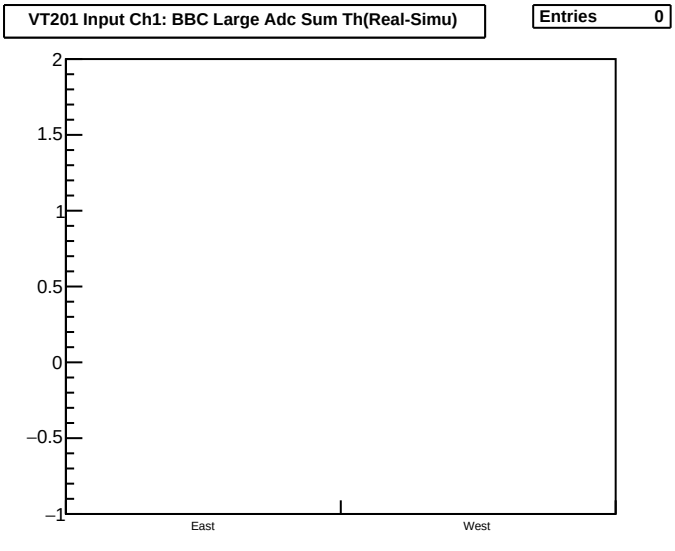

VT201 Input Ch0: BBC Small Tac Diff
Entries5992544
Tac


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

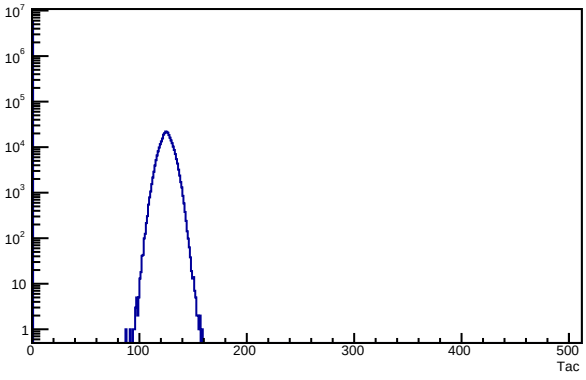

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.797763e+07
5.14524e+06
5.20469e+06
5.99254e+06
847302
787852
TAC-Sum
East
West


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

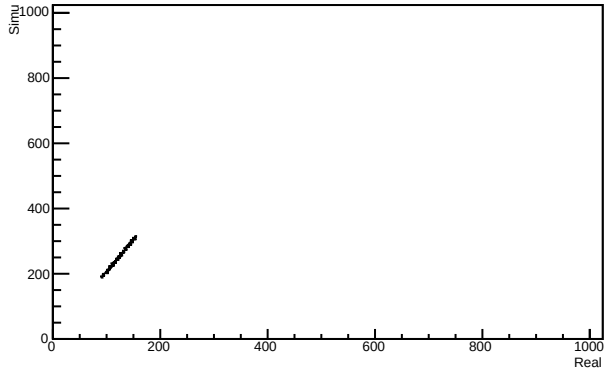

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.198509e+07
5.5138e+06
5.3648e+06
478746
627739
East
West


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

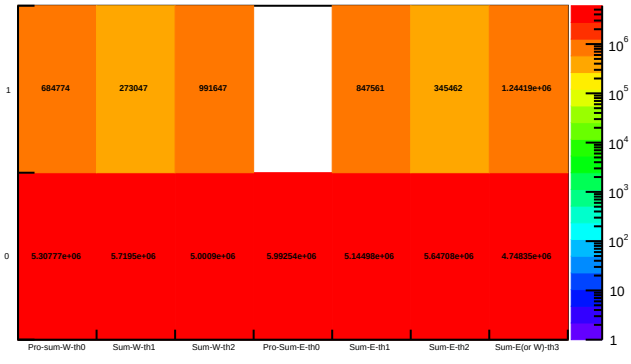
VT201 Input Ch2: ZDC Tac Diff



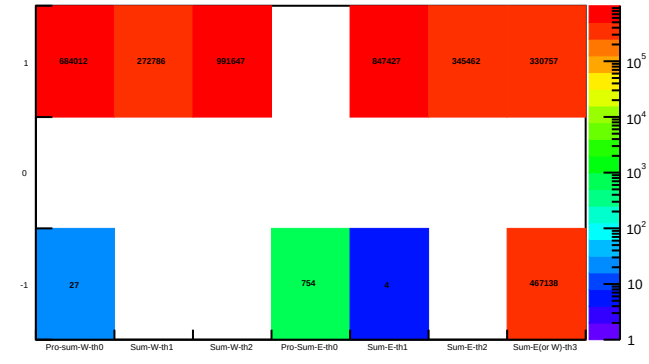
VT201 Input Ch2: ZDC Tac Diff



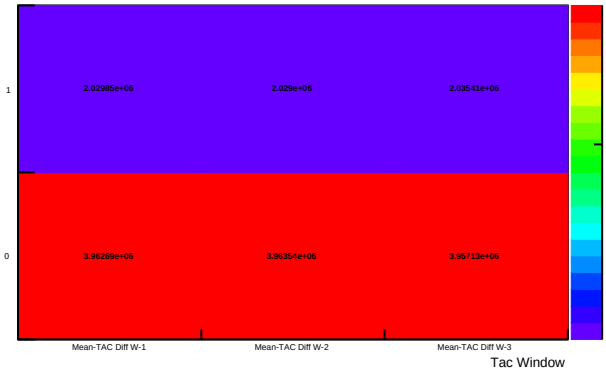
VT201 Input Ch2: ZDC Adc Sum Th



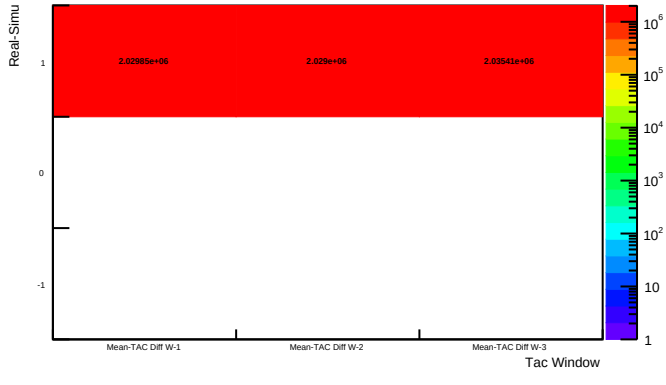
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



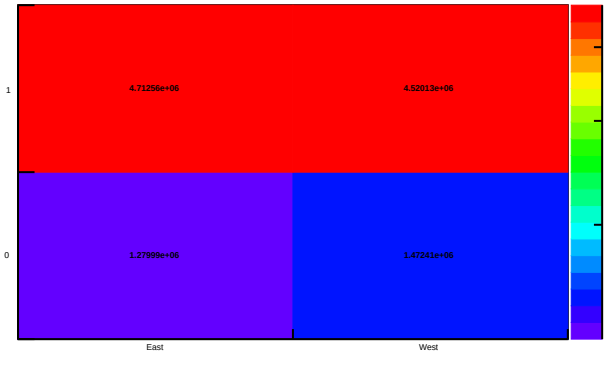
VT201 Input Ch4: VPD Tac Diff



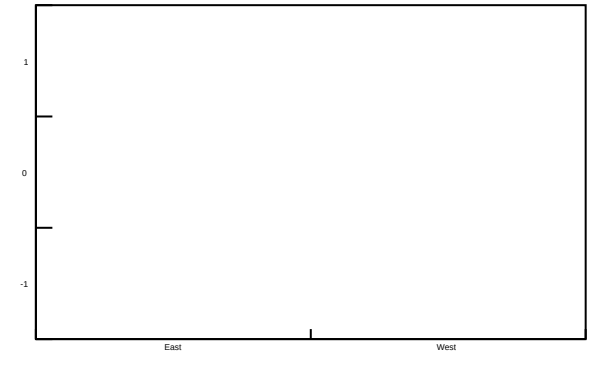
VT201 Input Ch4: VPD Tac Diff

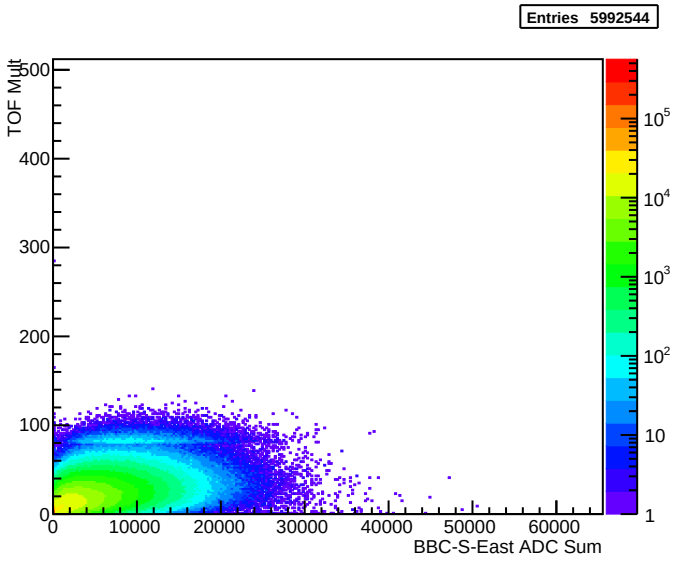


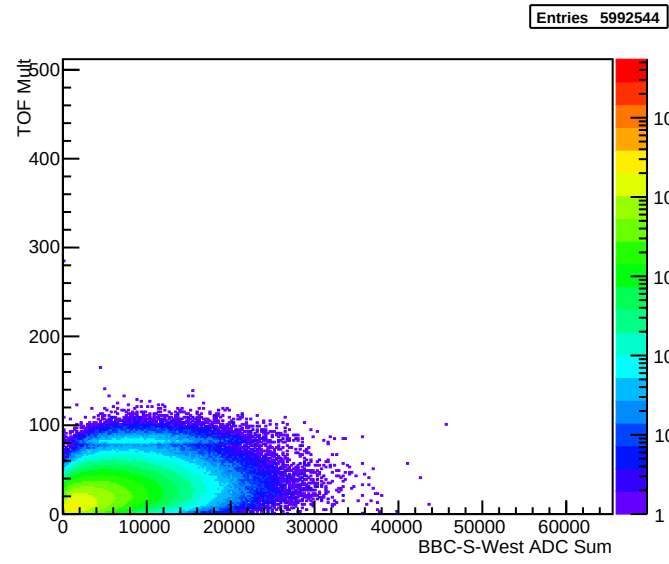
VT201 Input Ch4: VPD Adc Sum Th

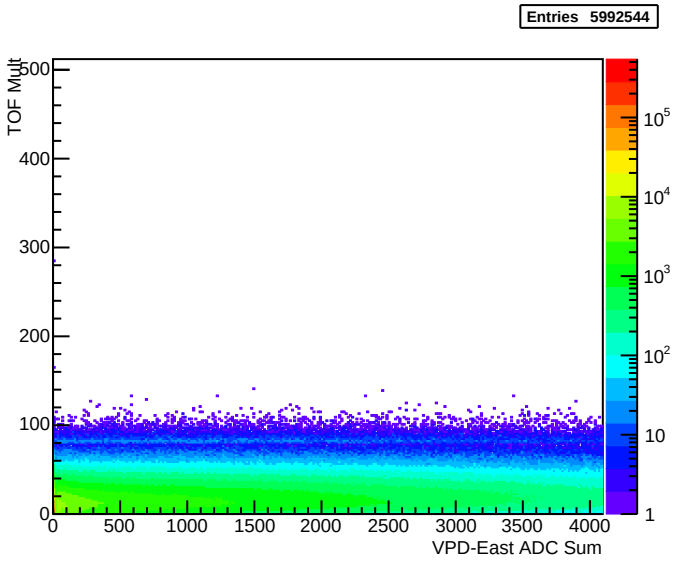


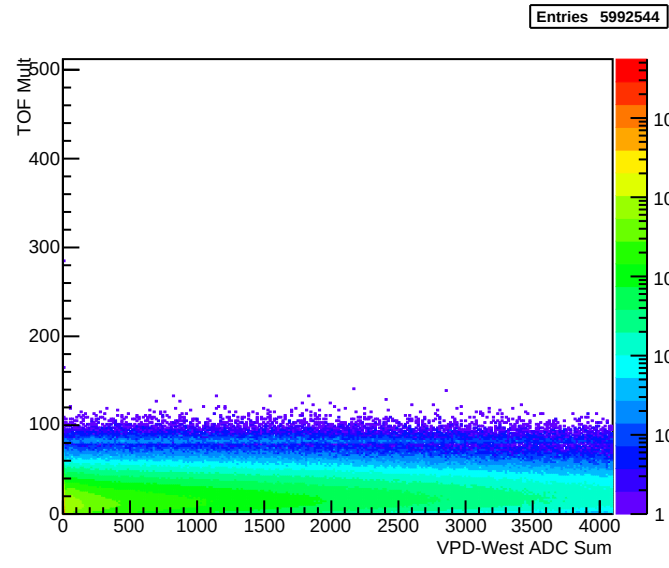
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

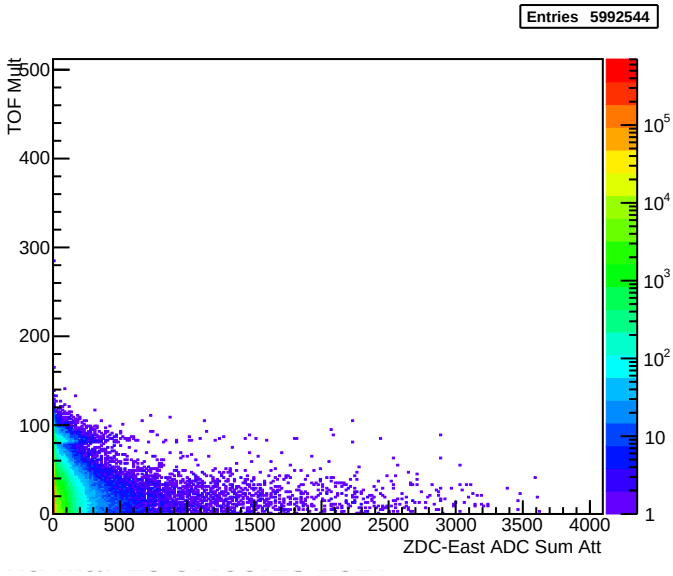


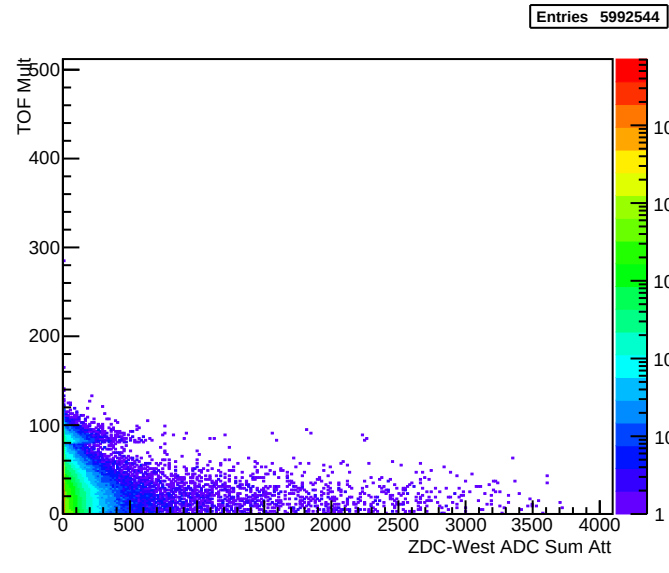

Entries 5992544
TOF Mult
BBC-S-East ADC Sum

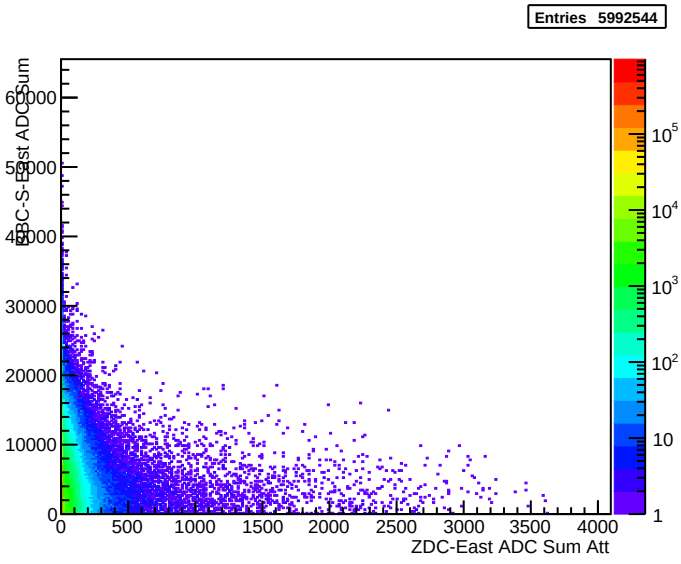

Entries 5992544
TOF Mult
BBC-S-West ADC Sum

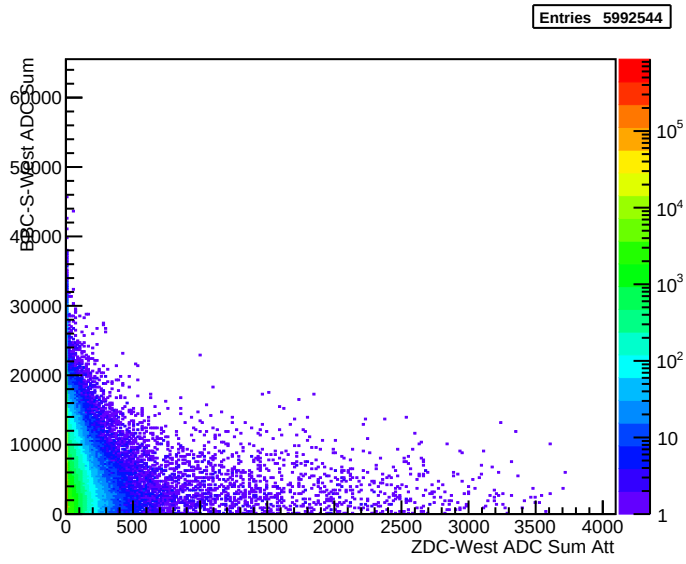

Entries 5992544
TOF Mult
VPD-East ADC Sum

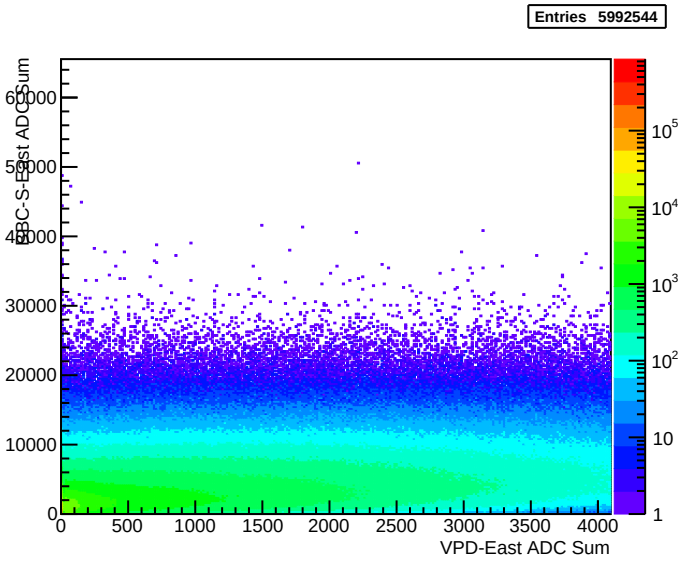

Entries 5992544
TOF Mult
VPD-West ADC Sum

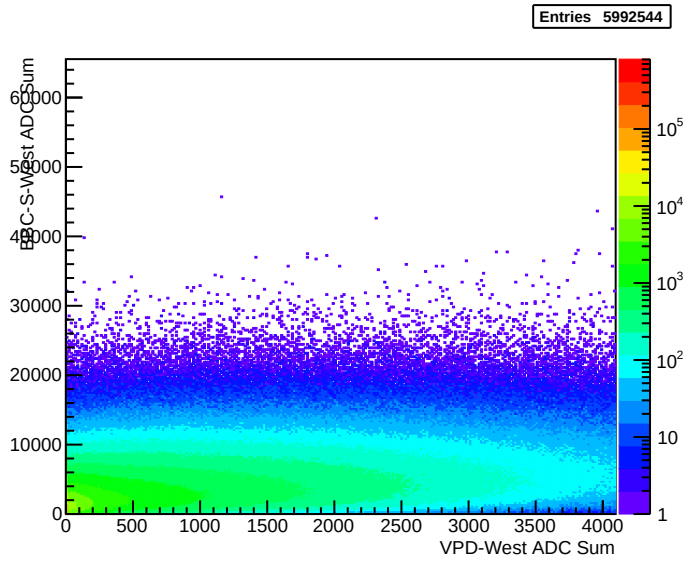

Entries 5992544
TOF Mult
ZDC-East ADC Sum Att

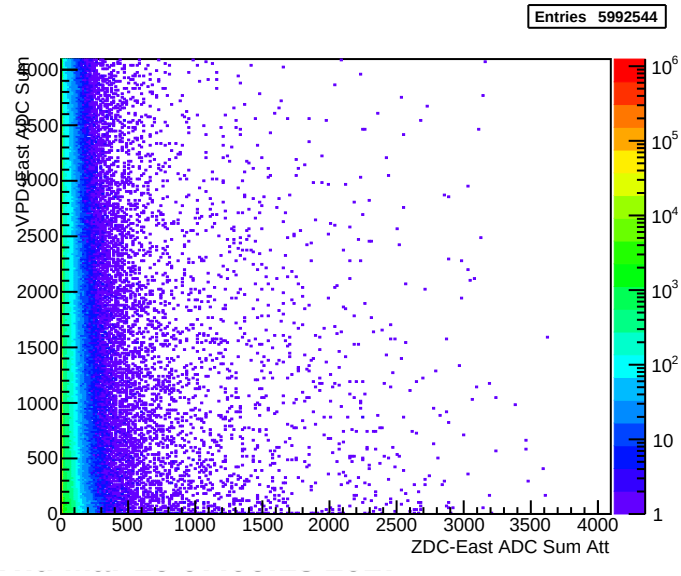

Entries 5992544
TOF Mult
ZDC-West ADC Sum Att

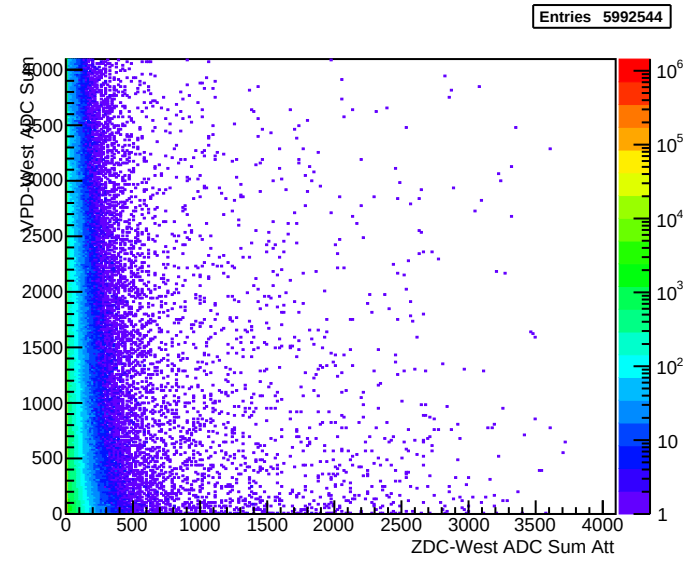

Entries 5992544
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

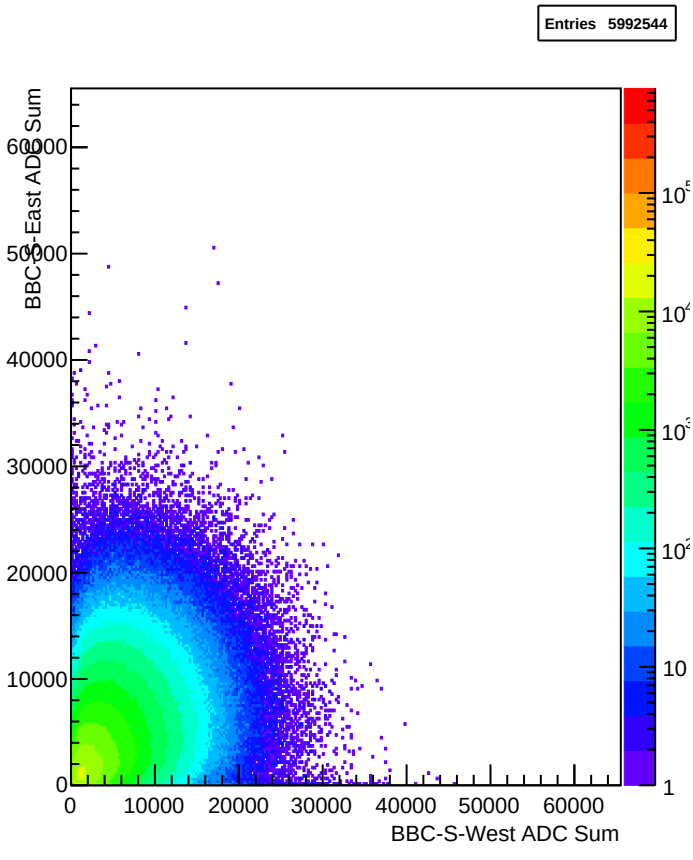

Entries 5992544
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

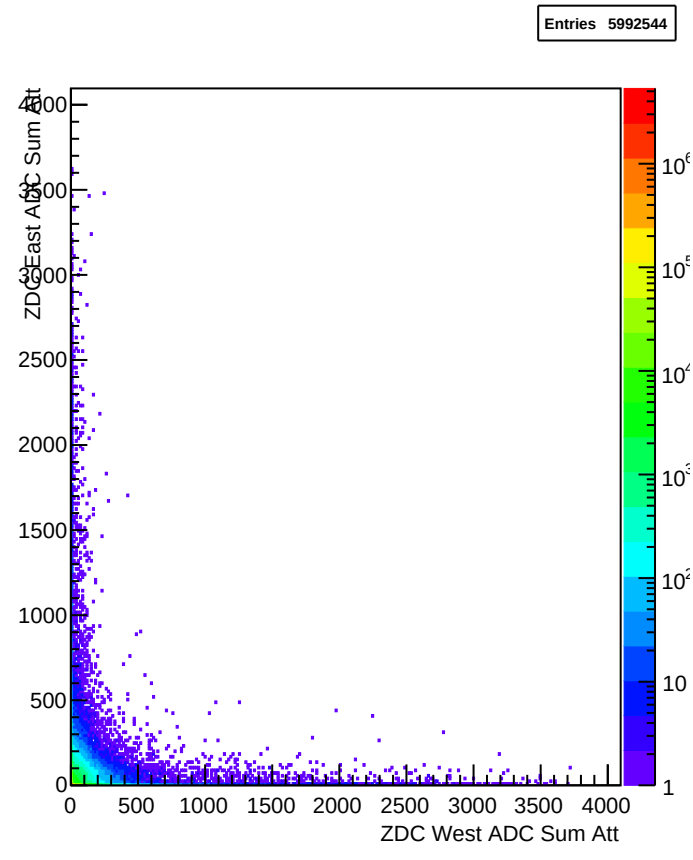

Entries 5992544
BBC-S-East ADC Sum
VPD-East ADC Sum

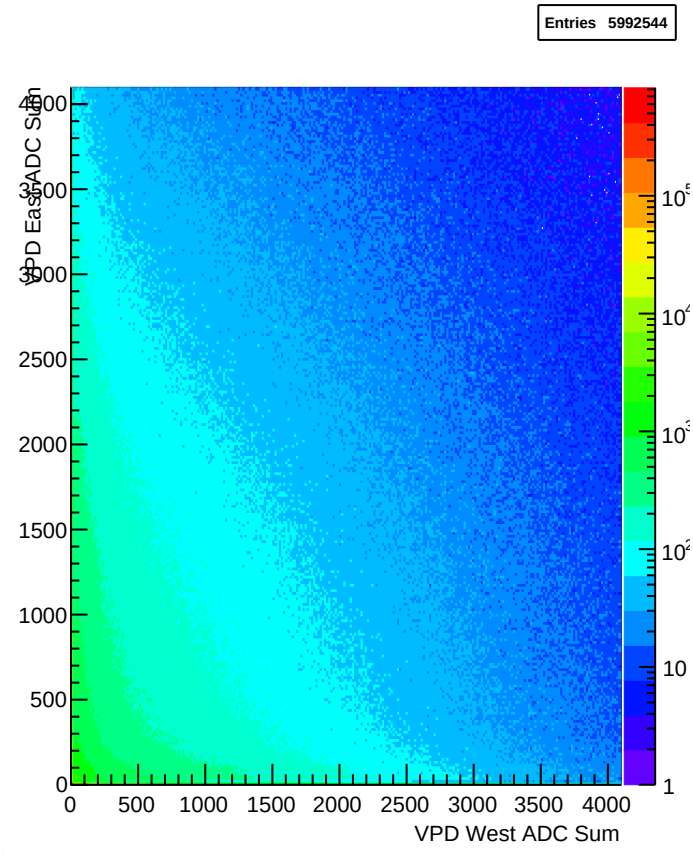

Entries 5992544
BBC-S-West ADC Sum
VPD-West ADC Sum

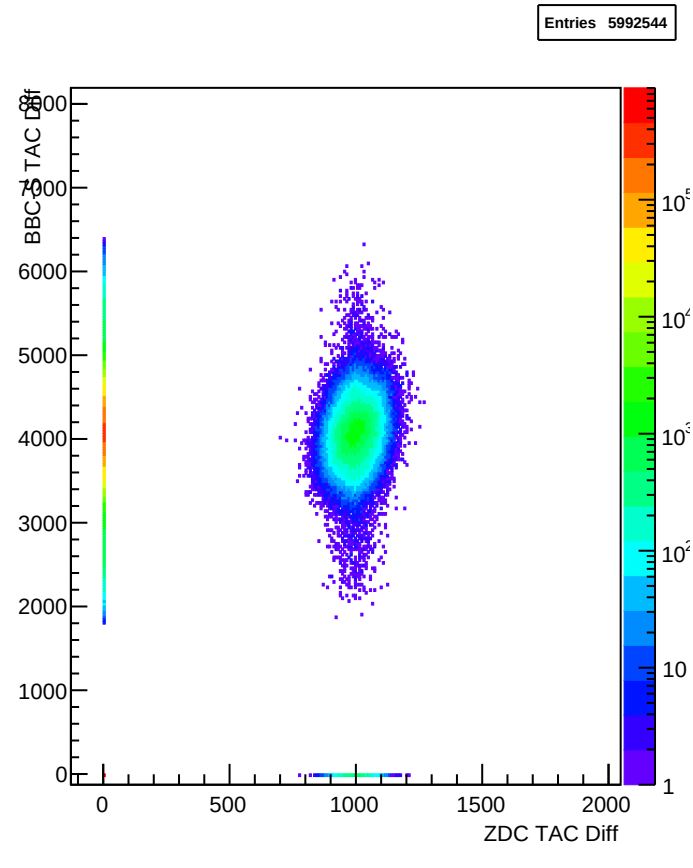

Entries 5992544
VPD-East ADC Sum
ZDC-East ADC Sum Att

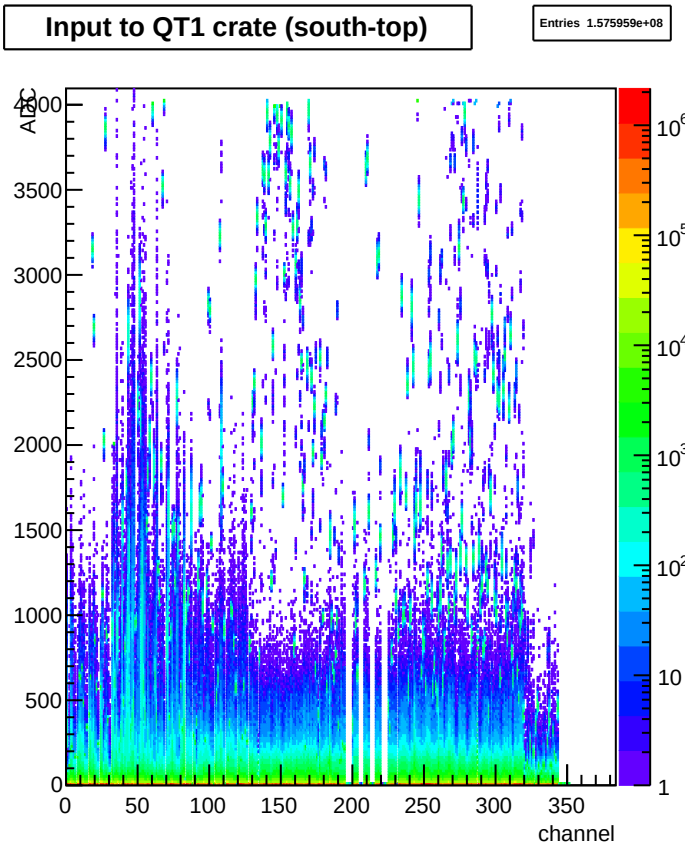

Entries 5992544
VPD-West ADC Sum
ZDC-West ADC Sum Att

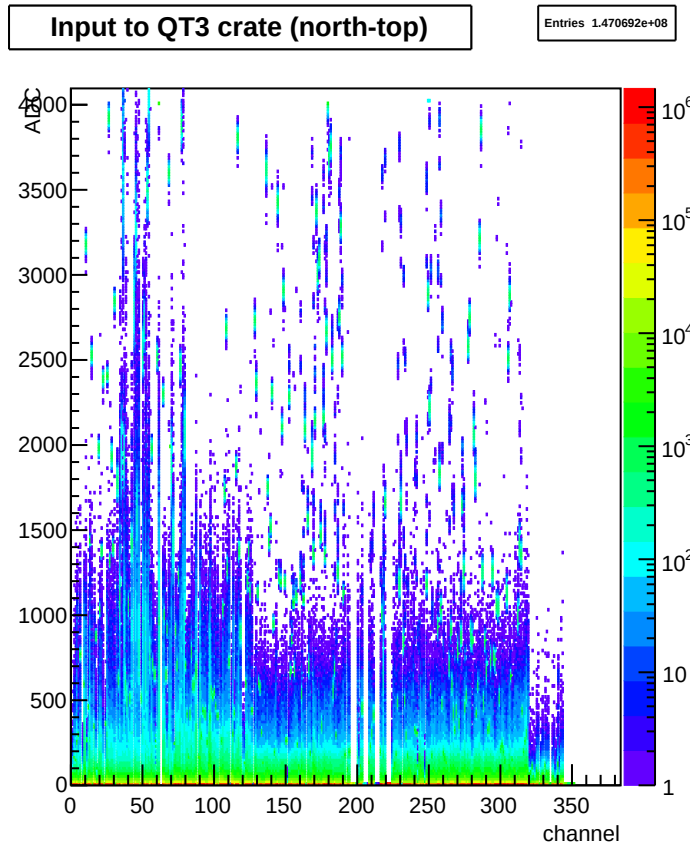

Entries 5992544
BBC-S-East ADC Sum
BBC-S-West ADC Sum

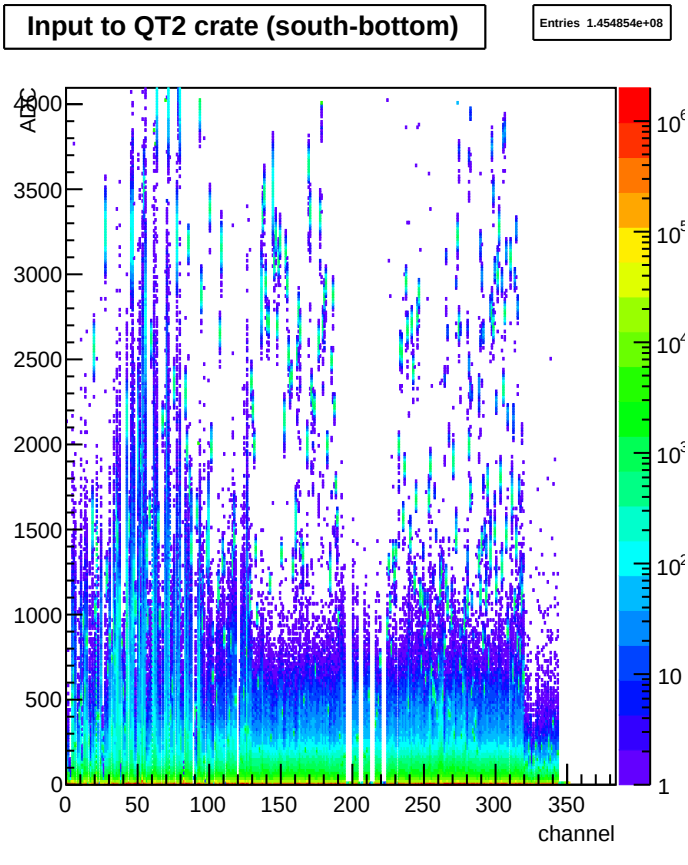

Entries 5992544
ZDC East ADC Sum Att
ZDC West ADC Sum Att

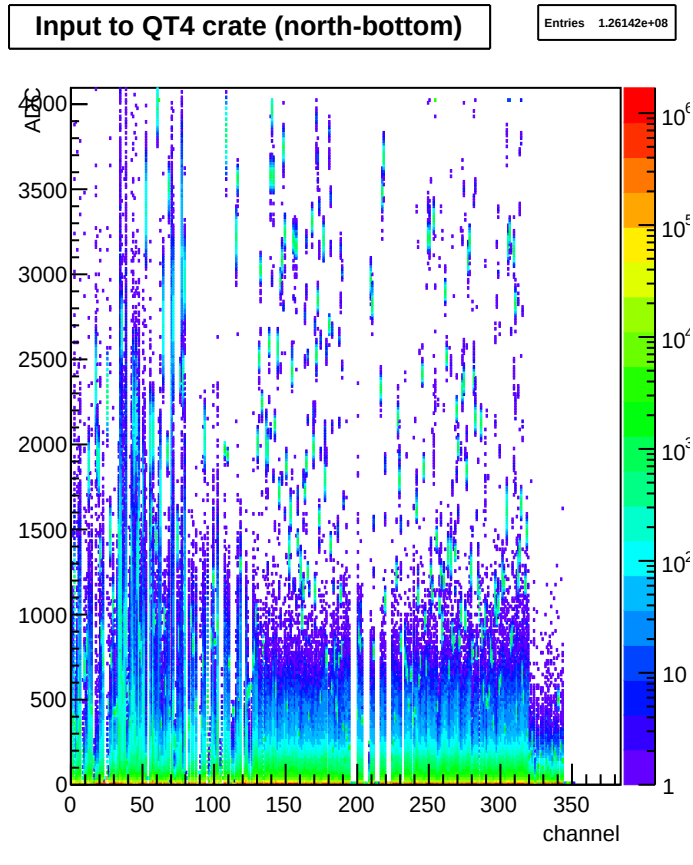

Entries 5992544
VPD East ADC Sum
VPD West ADC Sum

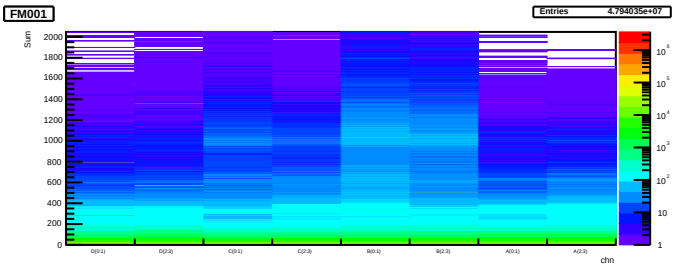

Entries 5992544
BBC-S TAC Diff
ZDC TAC Diff

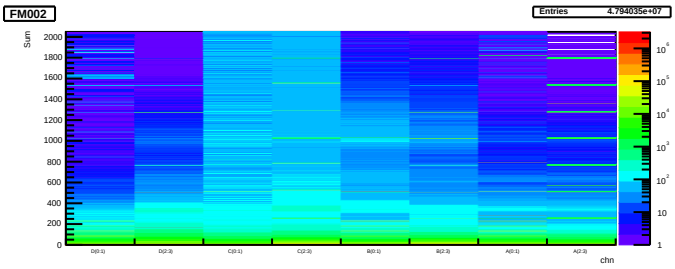

Input to QT1 crate (south-top)
Entries 1.575959e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 1.470692e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 1.454854e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.26142e+08
ADC
channel


FM001
Entries 4.794035e+07
Sum
chn


FM002
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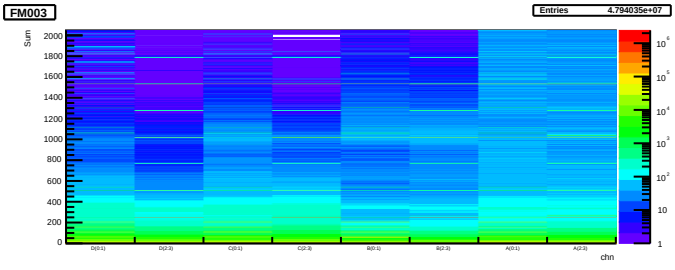
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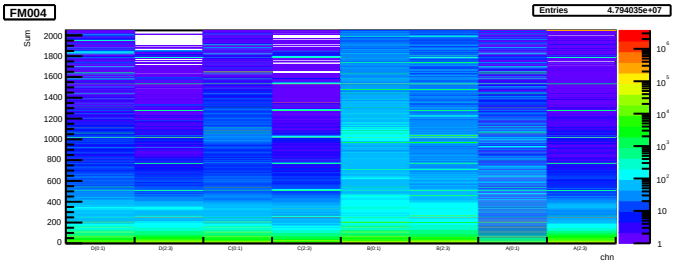
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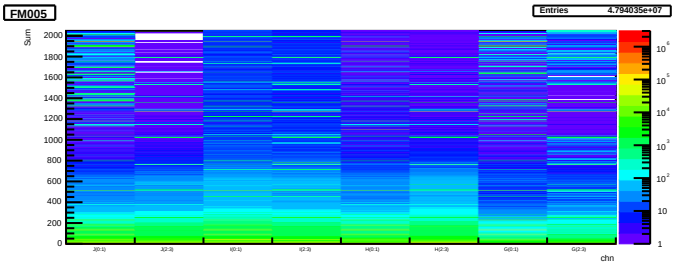
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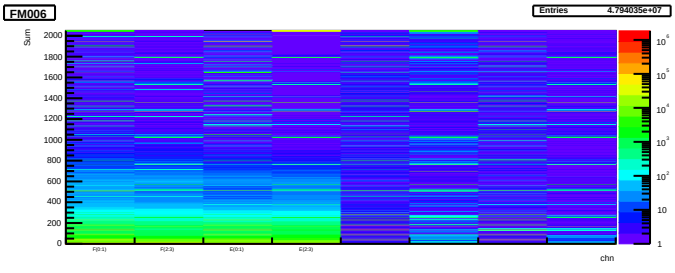
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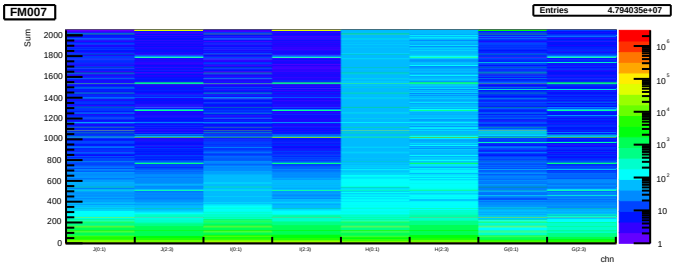
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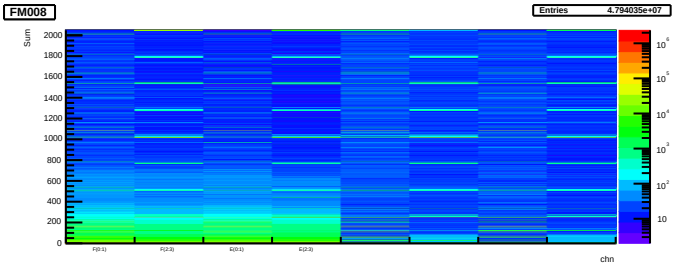
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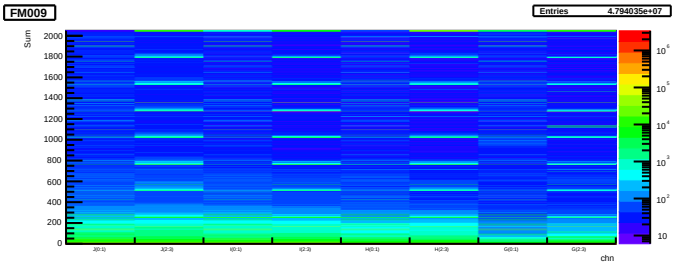
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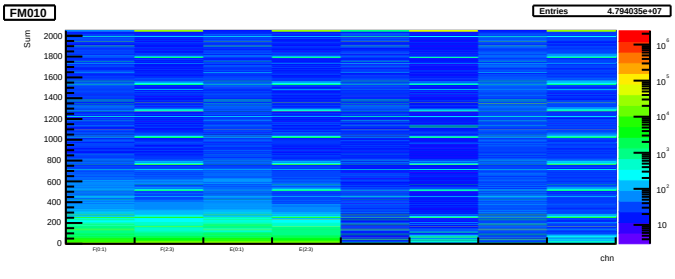
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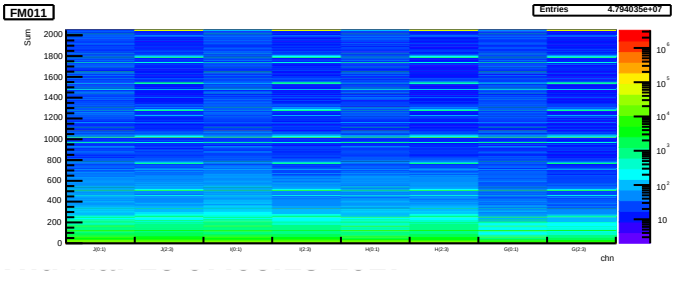
FM011
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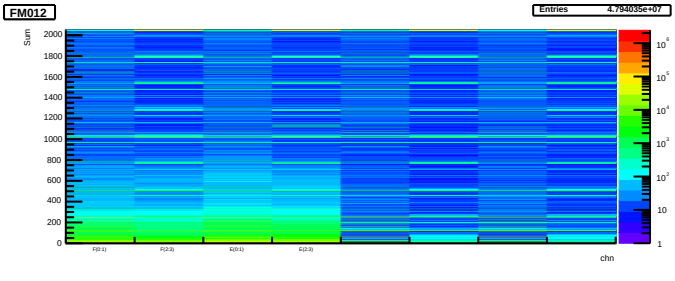
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Entries 4.794035e+07
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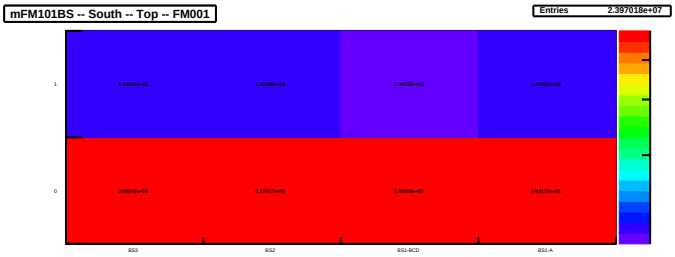
mFM101BS -- South -- Top -- FM001
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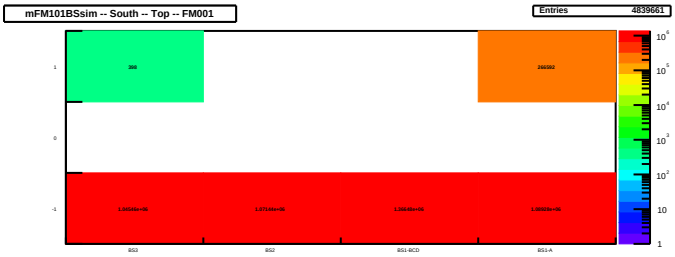
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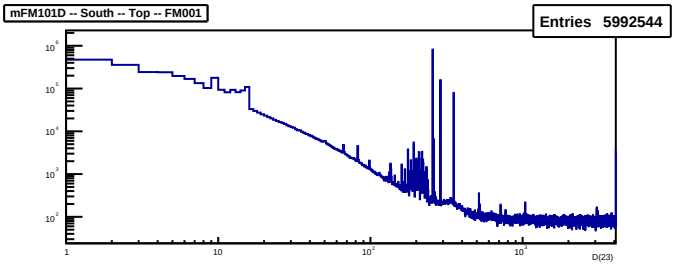
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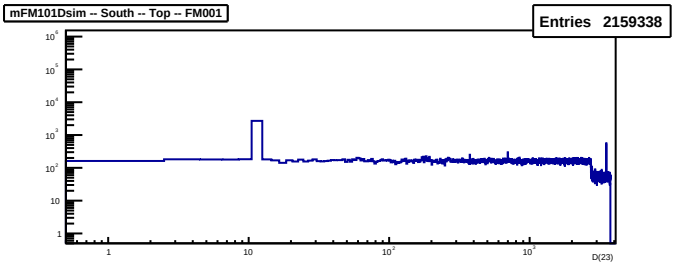
Entries 5992544
D(23)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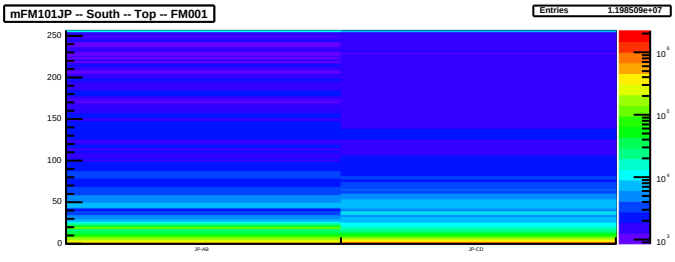
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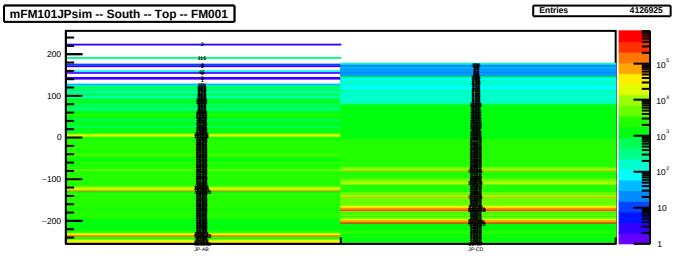
Entries 1.198509e+07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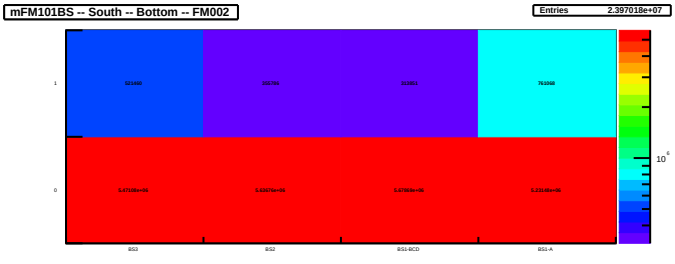
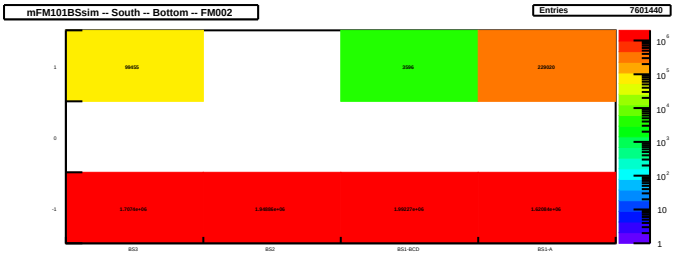

mFM101BS -- South -- Bottom -- FM002
Entries 2.397018e+07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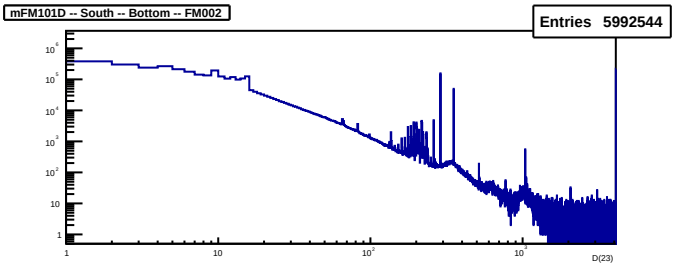
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Entries 5992544
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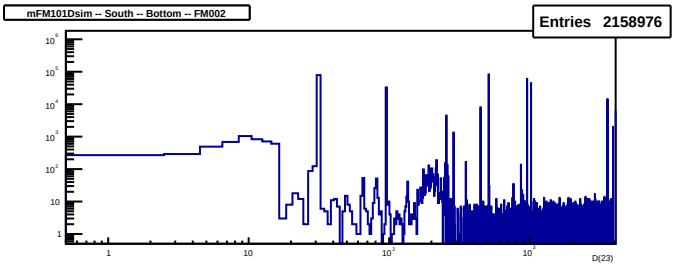
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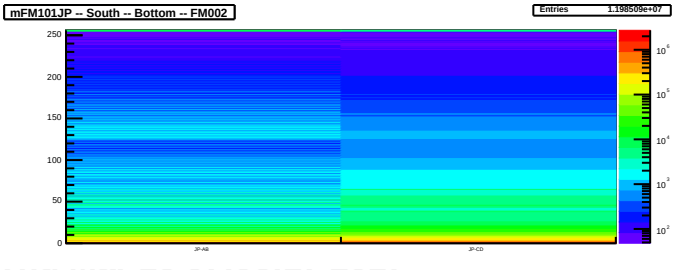
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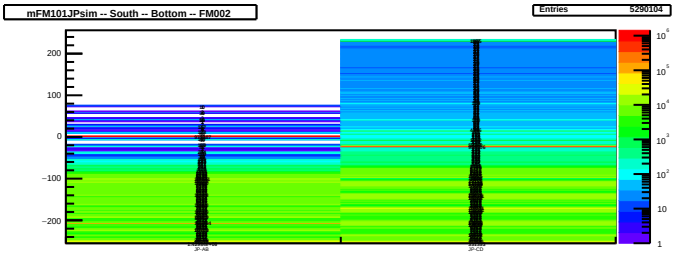
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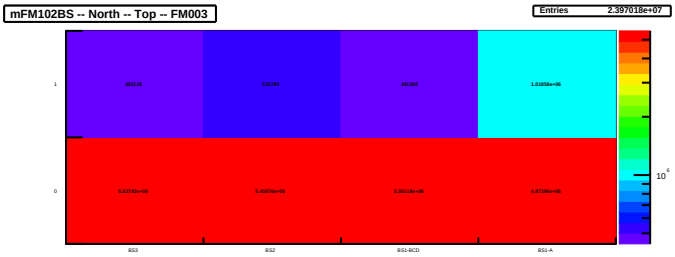
mFM102BS -- North -- Top -- FM003
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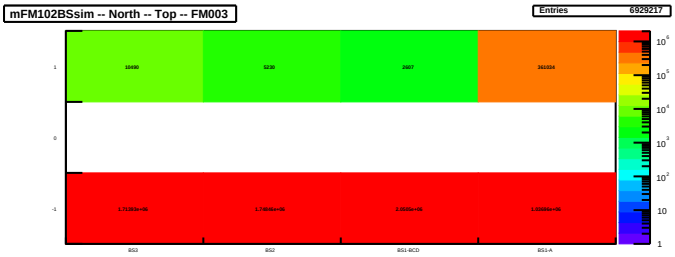
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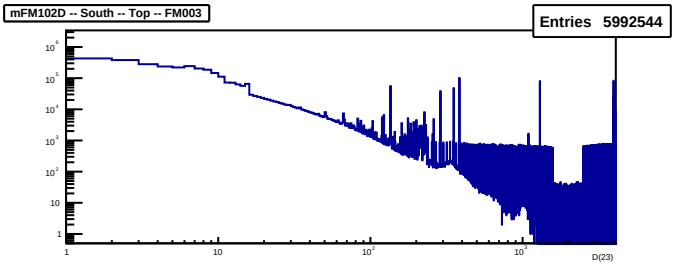
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Entries 5992544
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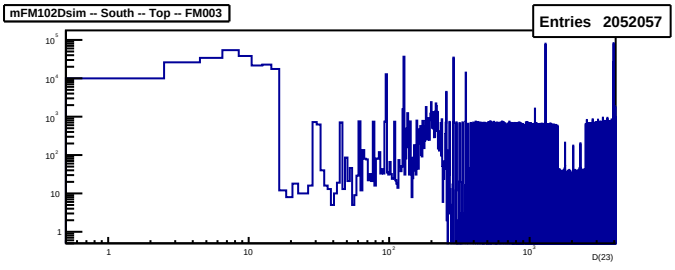
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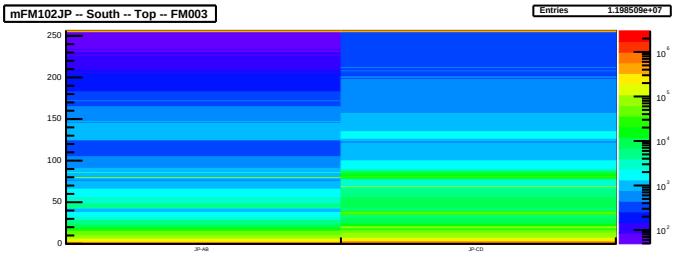
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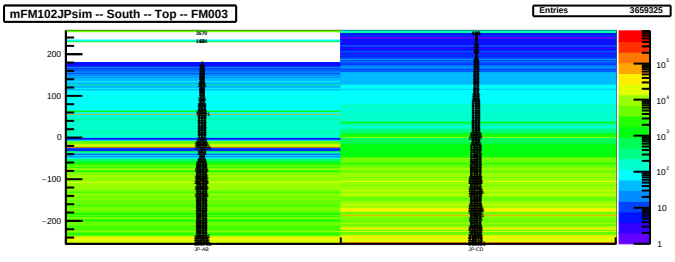
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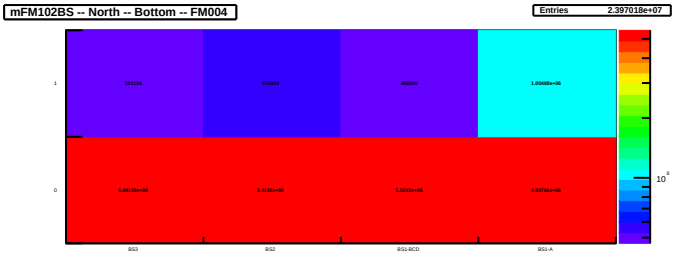
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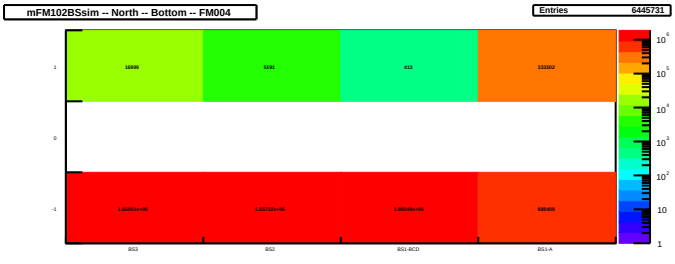
Entries 2.397018e+07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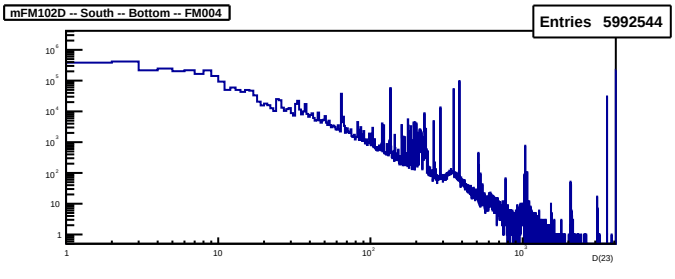
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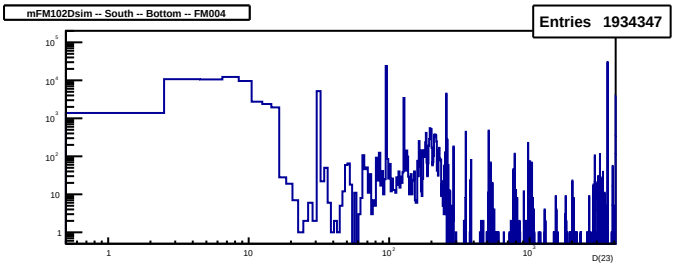
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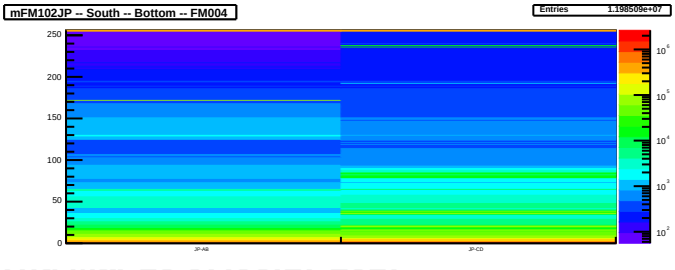
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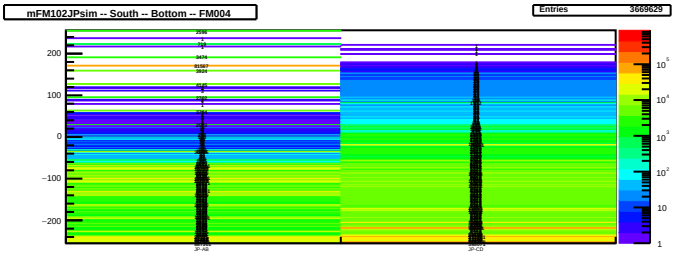
Entries 1.198509e+07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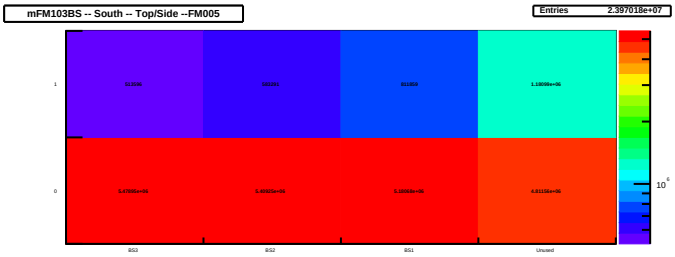
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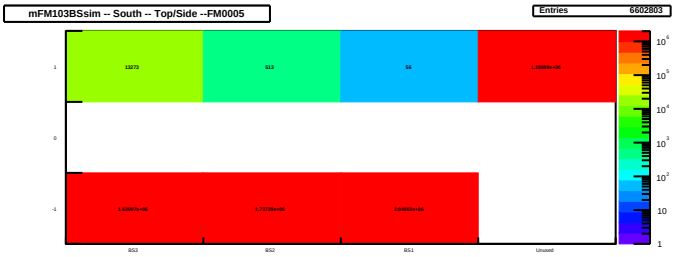
Entries 2.397018e+07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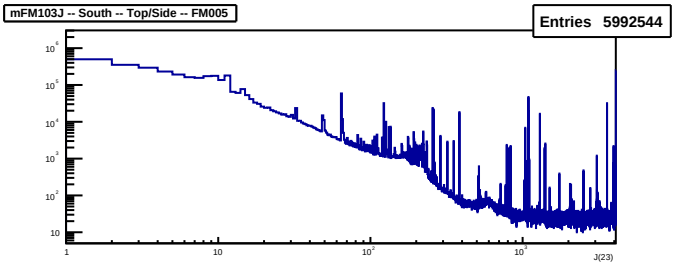
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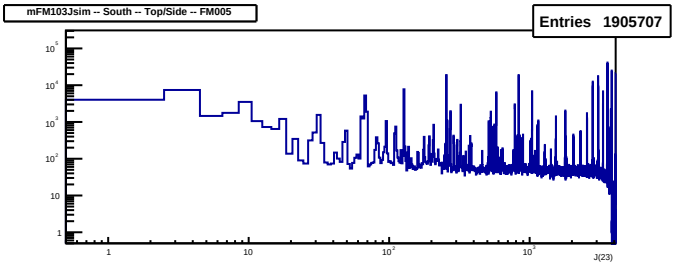
Entries 5992544
J(23)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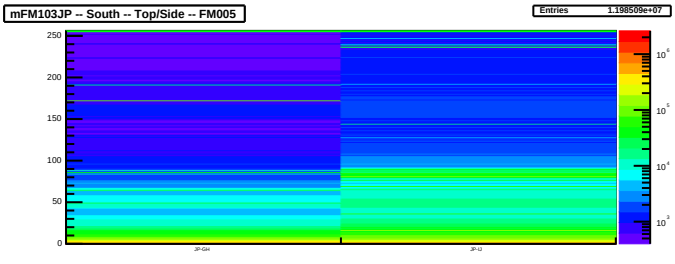
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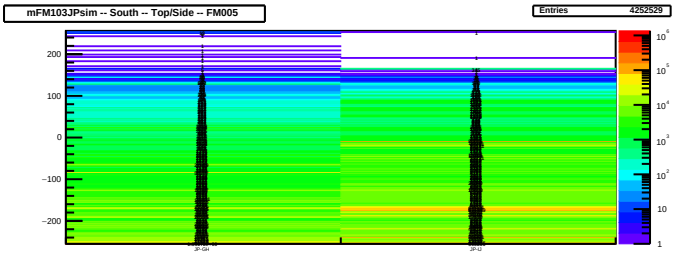
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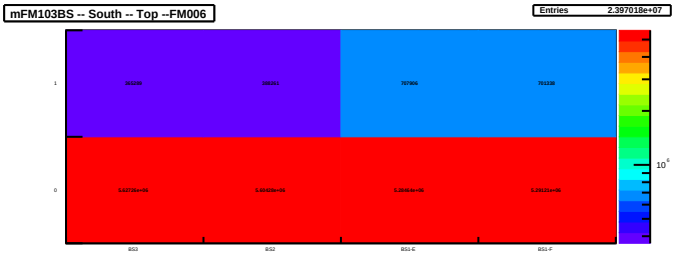
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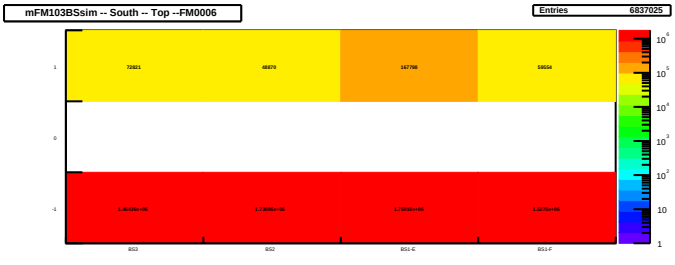
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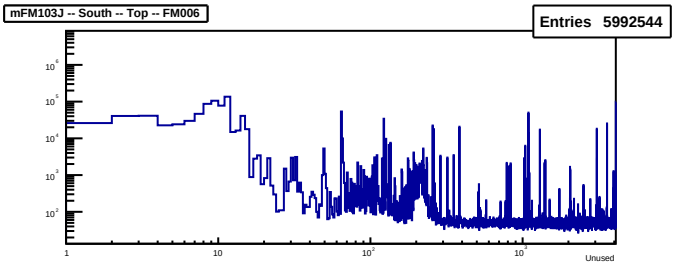
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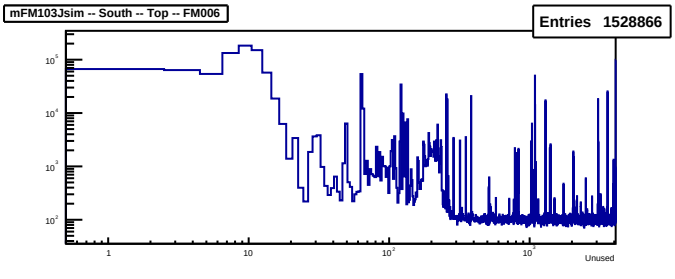
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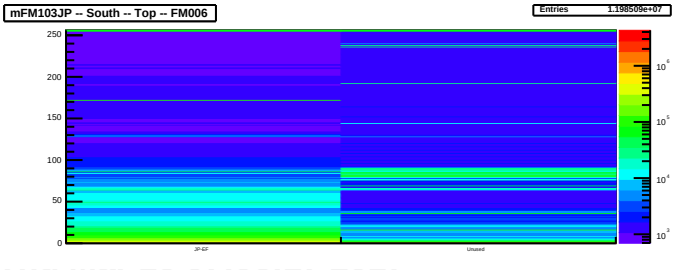
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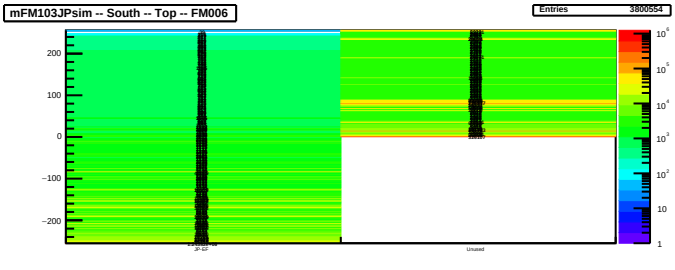
Entries 1.198509e+07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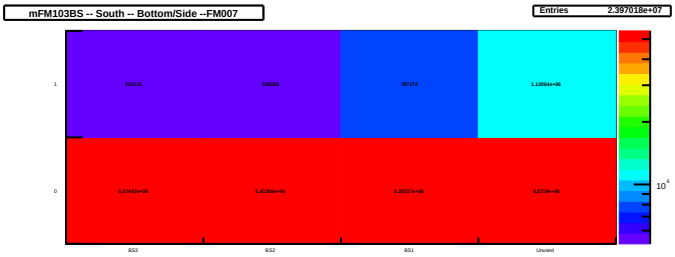
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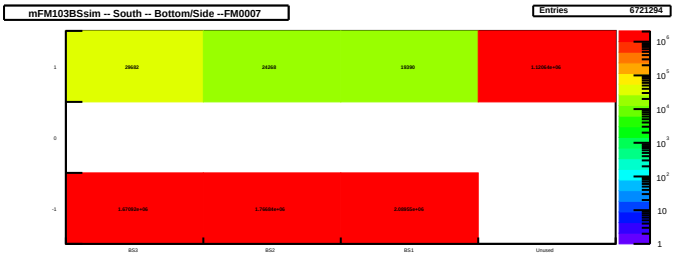
Entries 2.397018e+07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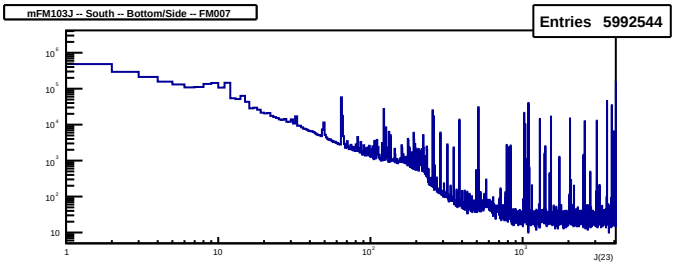
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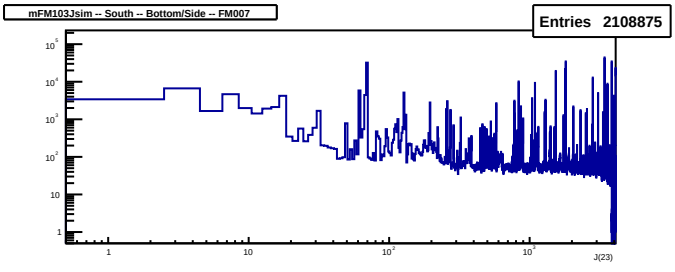
J(23)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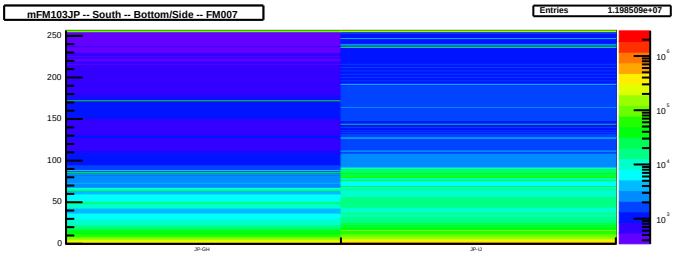
J(23)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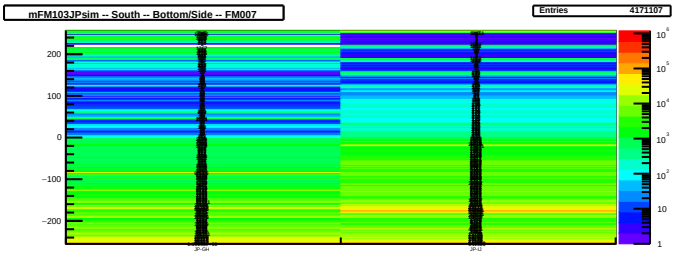
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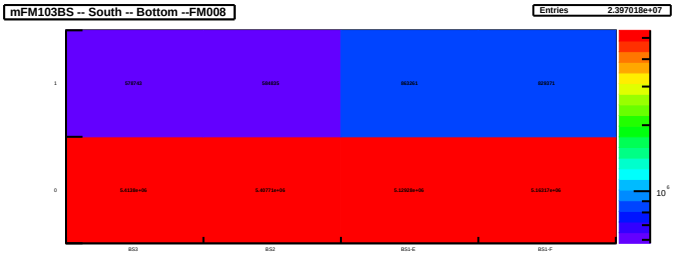
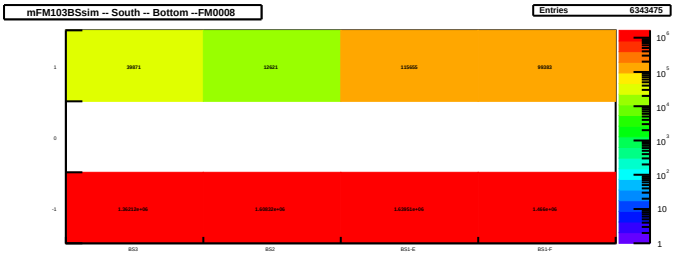
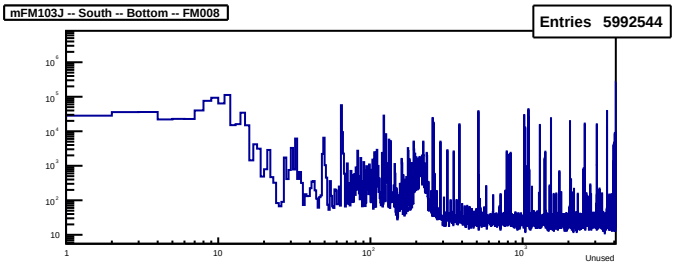
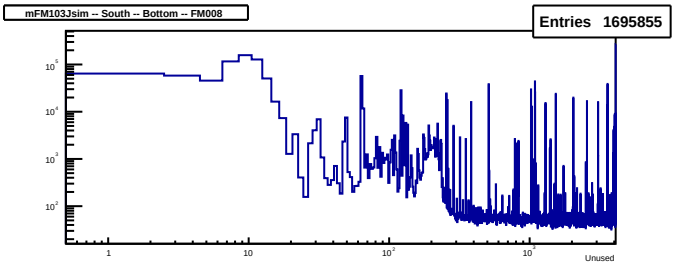
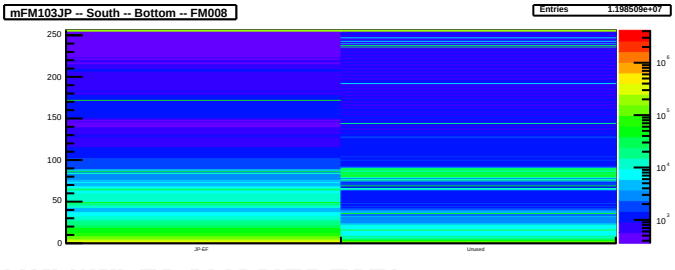
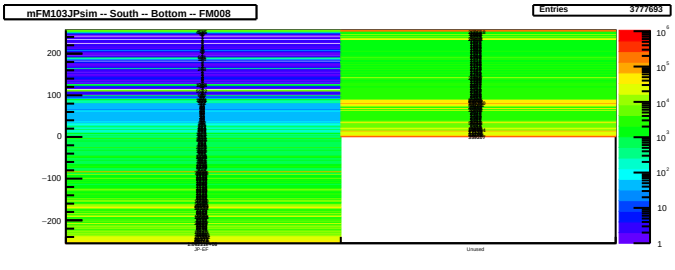

mFM103BS -- South -- Bottom --FM008
Entries 2.397018e+07

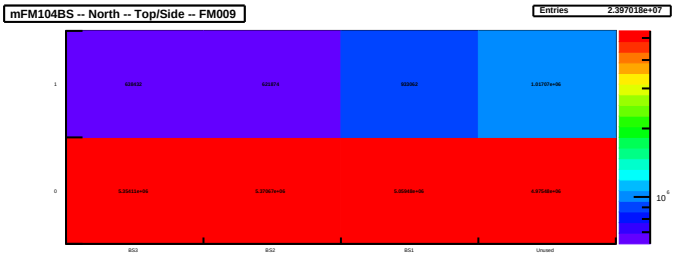

mFM103BSsim -- South -- Bottom --FM0008
Entries 6343475

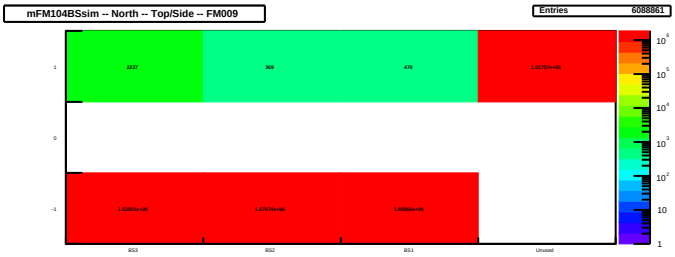

mFM103J -- South -- Bottom -- FM008
Entries 5992544
Unused

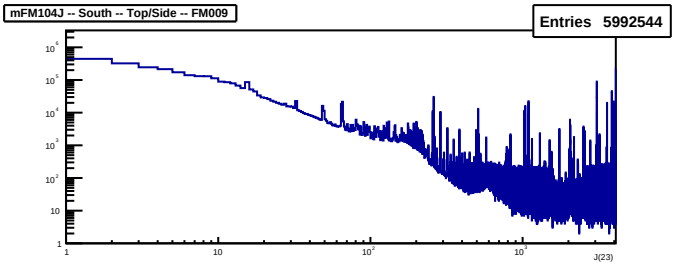

mFM103Jsim -- South -- Bottom -- FM008
Entries 1695855
Unused

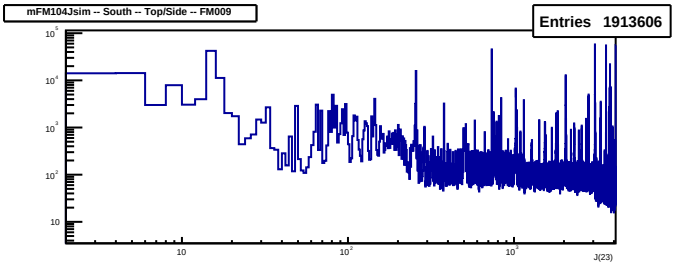

mFM103JP -- South -- Bottom -- FM008
Entries 1.198509e+07

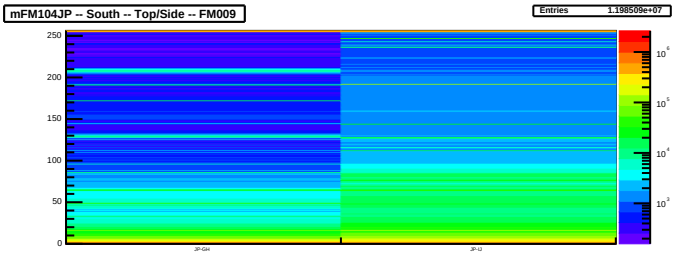

mFM103JPsim -- South -- Bottom -- FM008
Entries 3777693

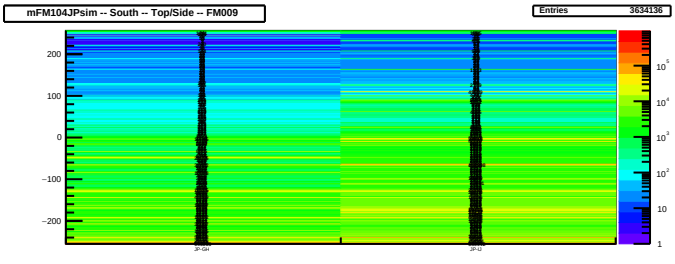

mFM104BS -- North -- Top/Side -- FM009
Entries 2.397018e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 6088861


mFM104J -- South -- Top/Side -- FM009
Entries 5992544
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1913606
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.198509e+07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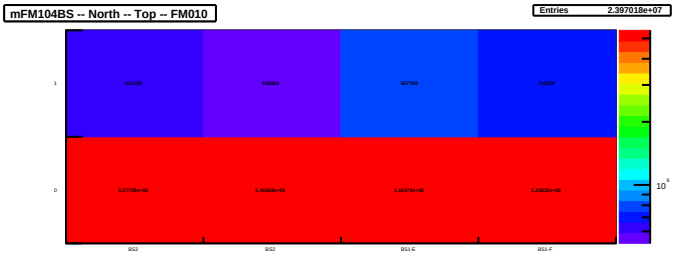
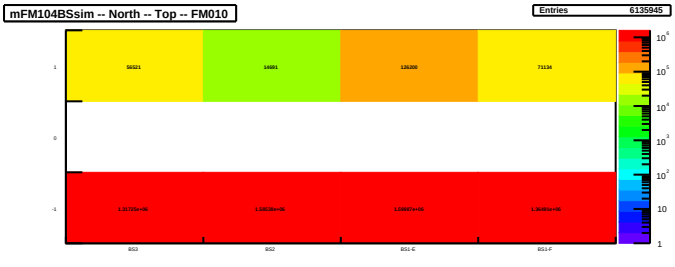
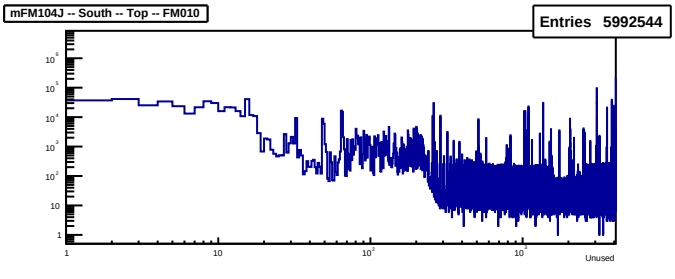
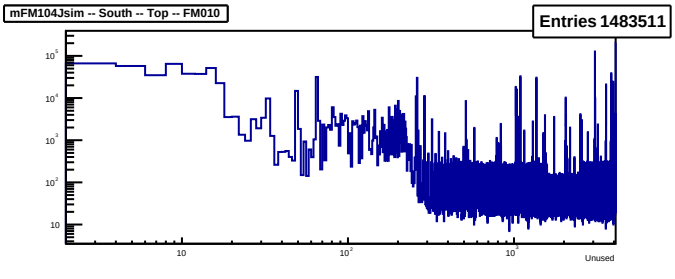
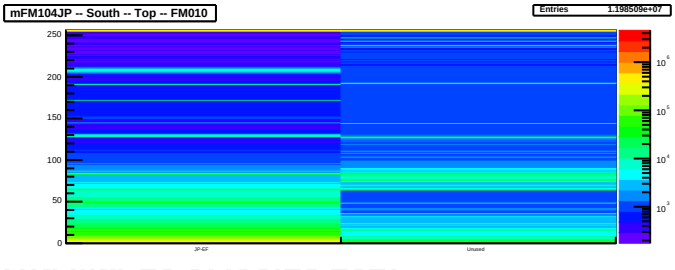
Entries 3634136

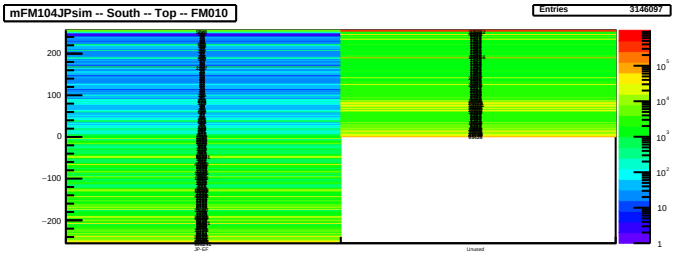

mFM104BS -- North -- Top -- FM010
Entries 2.397018e+07

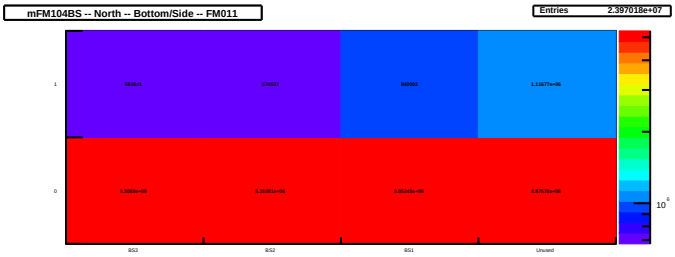

mFM104BSsim -- North -- Top -- FM010
Entries 6135945

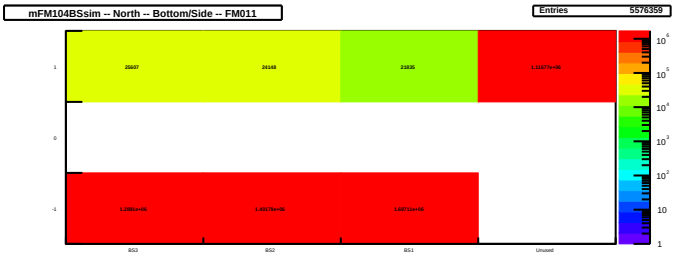

mFM104J -- South -- Top -- FM010
Entries 5992544
Unused

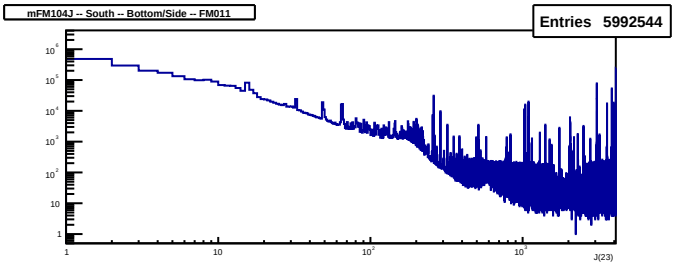

mFM104Jsim -- South -- Top -- FM010
Entries 1483511
Unused

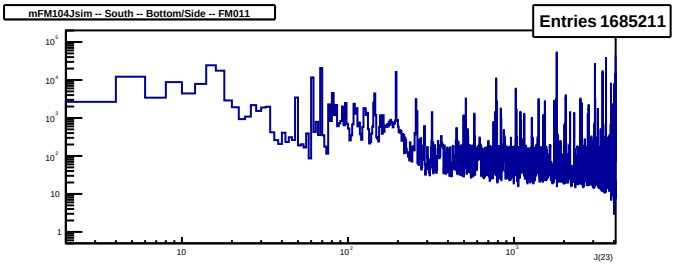

mFM104JP -- South -- Top -- FM010
Entries 1.198509e+07

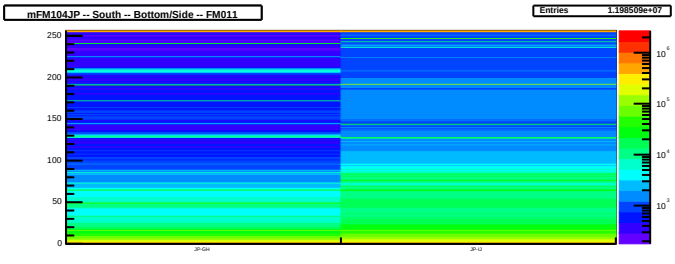

mFM104JPsim -- South -- Top -- FM010
Entries 3146097

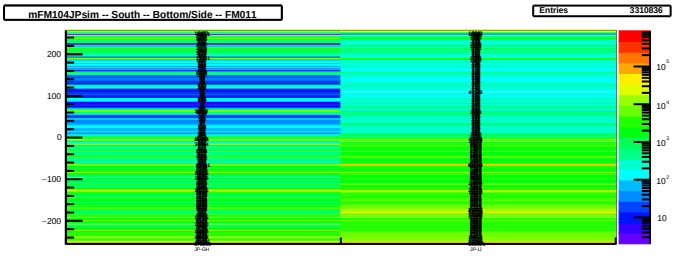

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.397018e+07

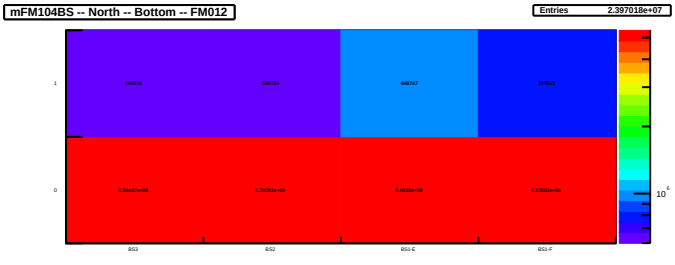

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5576359

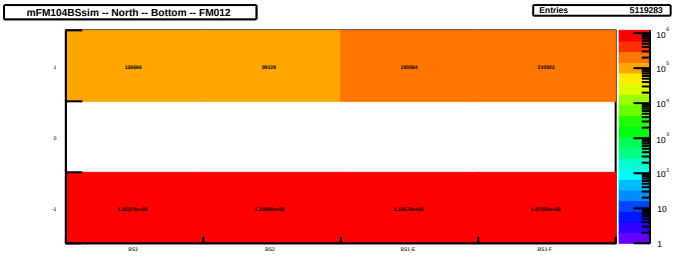

mFM104J -- South -- Bottom/Side -- FM011
Entries 5992544
J(23)

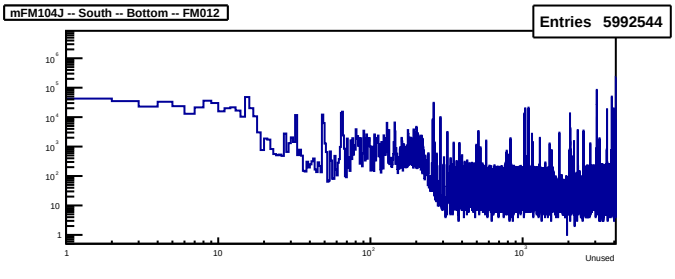

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1685211
J(23)

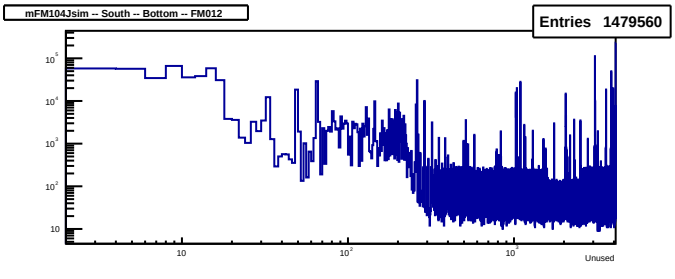

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.198509e+07

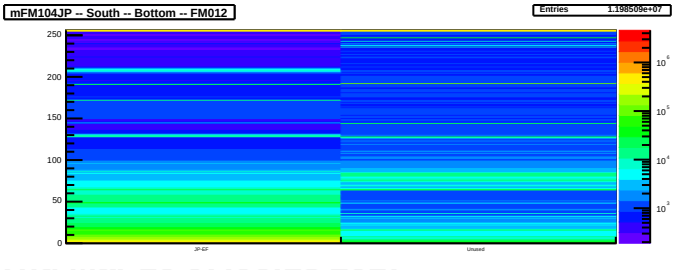

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3310836

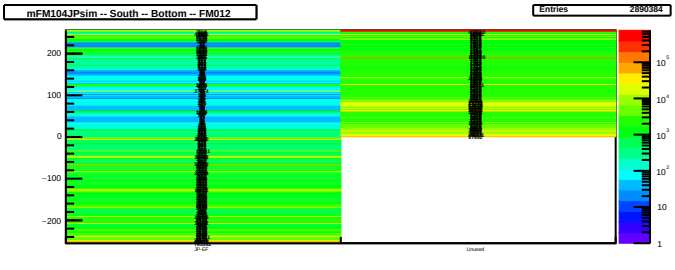

mFM104BS -- North -- Bottom -- FM012
Entries 2.397018e+07

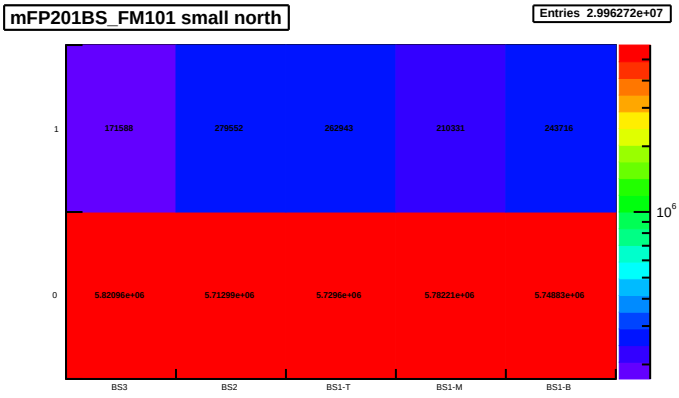

mFM104BSsim -- North -- Bottom -- FM012
Entries 5119283

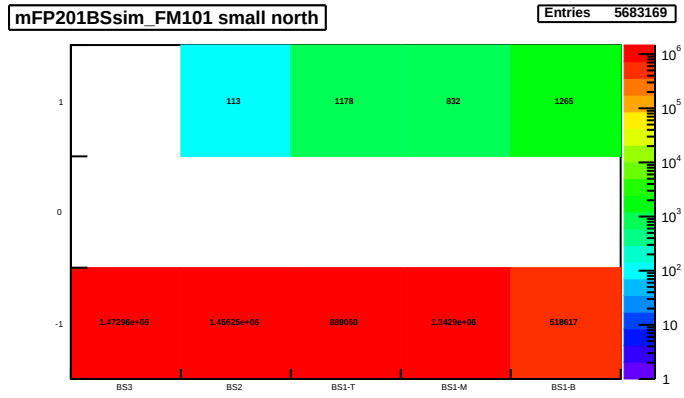

mFM104J -- South -- Bottom -- FM012
Entries 5992544
Unused

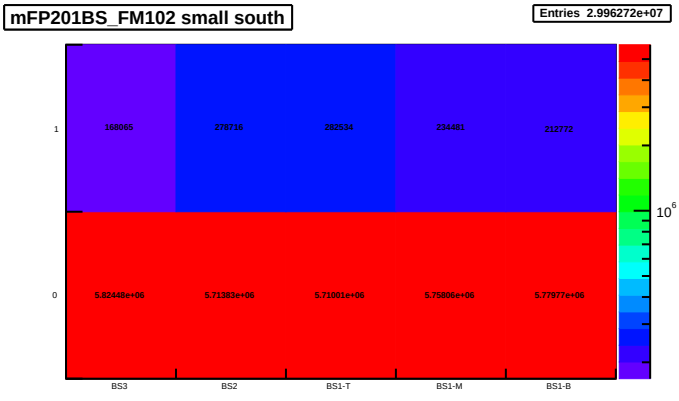

mFM104Jsim -- South -- Bottom -- FM012
Entries 1479560
Unused

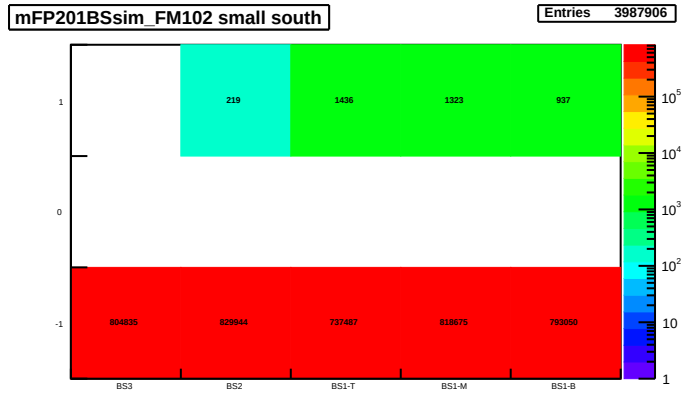

mFM104JP -- South -- Bottom -- FM012
Entries 1.198509e+07

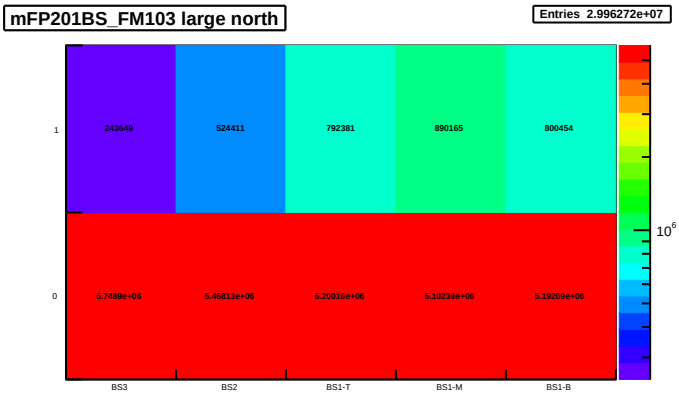

mFM104JPsim -- South -- Bottom -- FM012
Entries 2890384

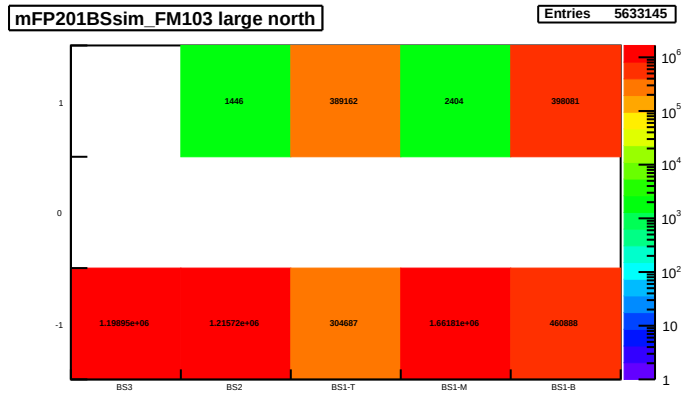

mFP201BS_FM101 small north
Entries 2.996272e+07
171588
279552
262943
210331
243716
5.82096e+06
5.71299e+06
5.7296e+06
5.78221e+06
5.74883e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

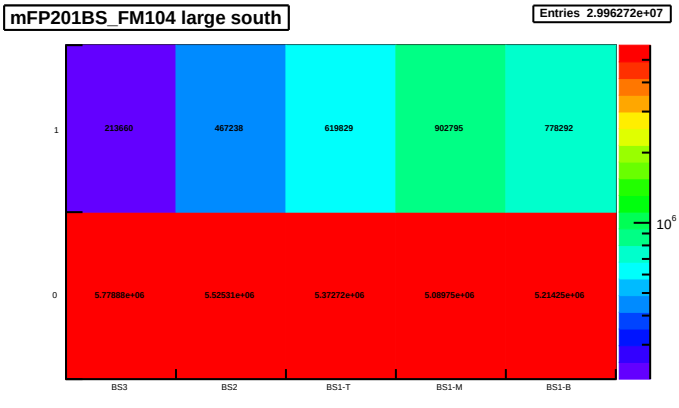

mFP201BSsim_FM101 small north
Entries 5683169
113
1178
832
1265
1.47296e+06
1.45625e+06
889060
1.3429e+06
518617
BS3
BS2
BS1-T
BS1-M
BS1-B

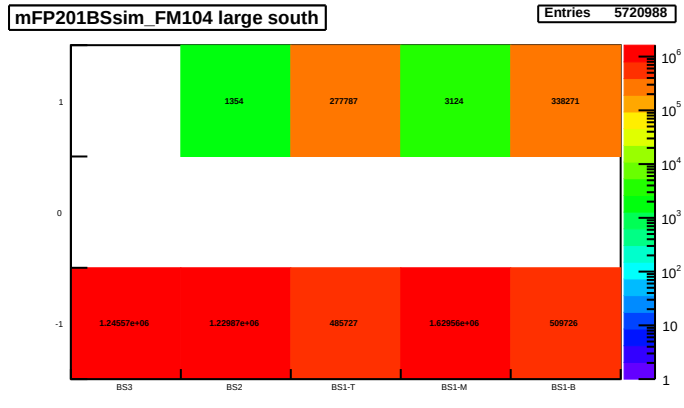

mFP201BS_FM102 small south
Entries 2.996272e+07
168065
278716
282534
234481
212772
5.82448e+06
5.71383e+06
5.71001e+06
5.75806e+06
5.77977e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

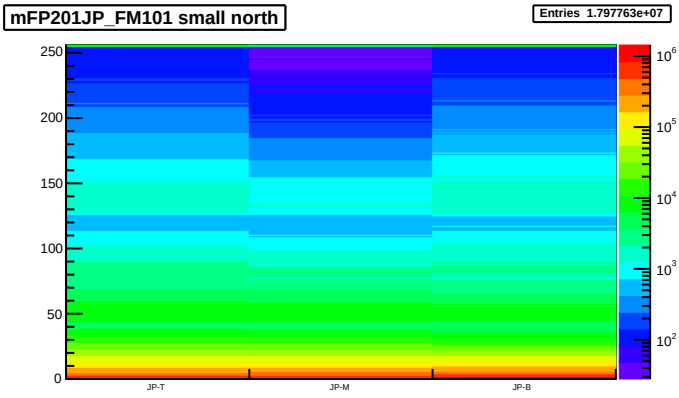

mFP201BSsim_FM102 small south
Entries 3987906
219
1436
1323
937
804835
829944
737487
818675
793050
BS3
BS2
BS1-T
BS1-M
BS1-B

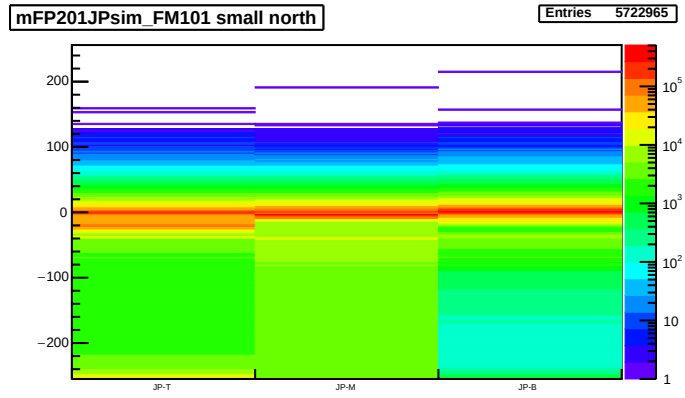

mFP201BS_FM103 large north
Entries 2.996272e+07
243649
524411
792381
890165
800454
5.7489e+06
5.46813e+06
5.20016e+06
5.10238e+06
5.19209e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

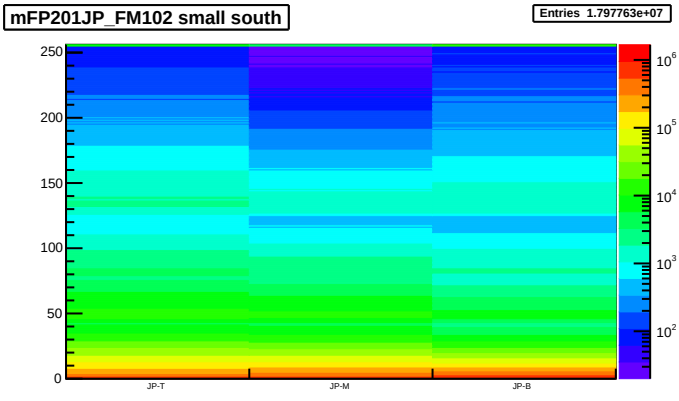

mFP201BSsim_FM103 large north
Entries 5633145
1446
389162
2404
398081
1.19895e+06
1.21572e+06
304687
1.66181e+06
460888
BS3
BS2
BS1-T
BS1-M
BS1-B

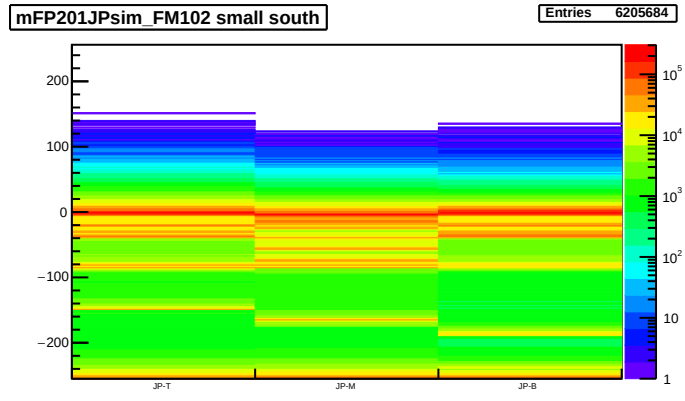

mFP201BS_FM104 large south
Entries 2.996272e+07
213660
467238
619829
902795
778292
5.77888e+06
5.52531e+06
5.37272e+06
5.08975e+06
5.21425e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

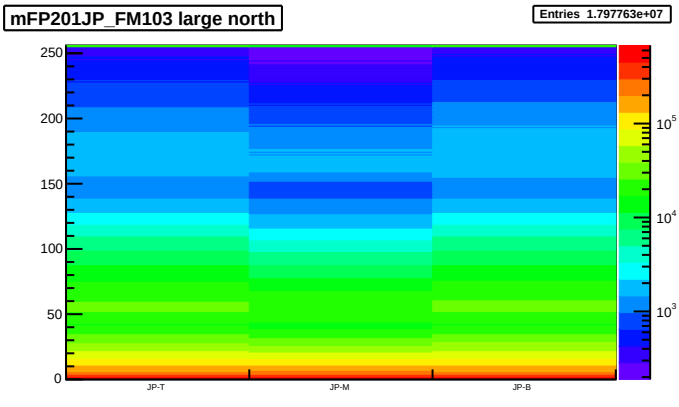

mFP201BSsim_FM104 large south
Entries 5720988
1354
277787
3124
338271
1.24557e+06
1.22987e+06
485727
1.62956e+06
509726
BS3
BS2
BS1-T
BS1-M
BS1-B

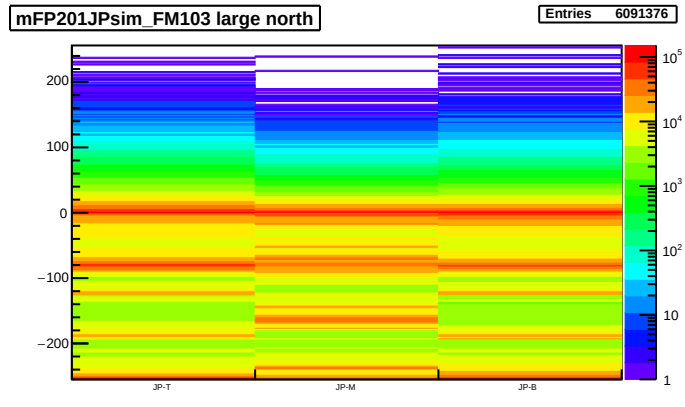

mFP201JP_FM101 small north
Entries 1.797763e+07
JP-T
JP-M
JP-B

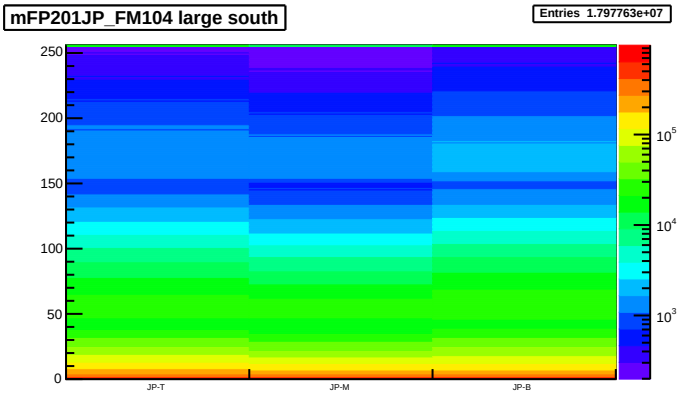

mFP201JPsim_FM101 small north
Entries 5722965
JP-T
JP-M
JP-B

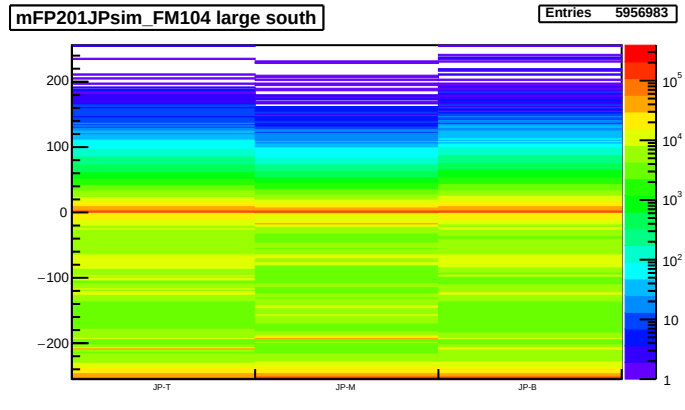

mFP201JP_FM102 small south
Entries 1.797763e+07
JP-T
JP-M
JP-B

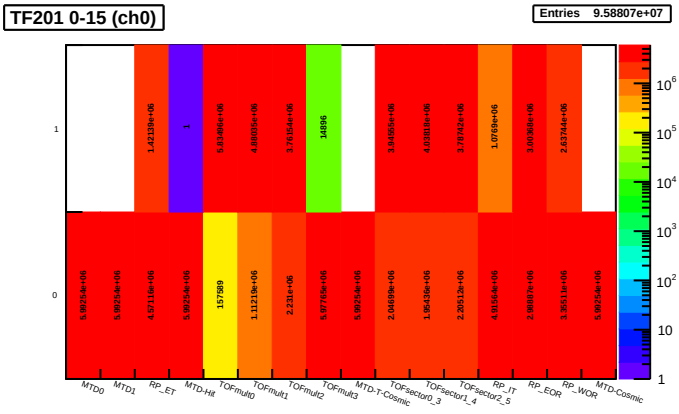

mFP201JPsim_FM102 small south
Entries 6205684
JP-T
JP-M
JP-B

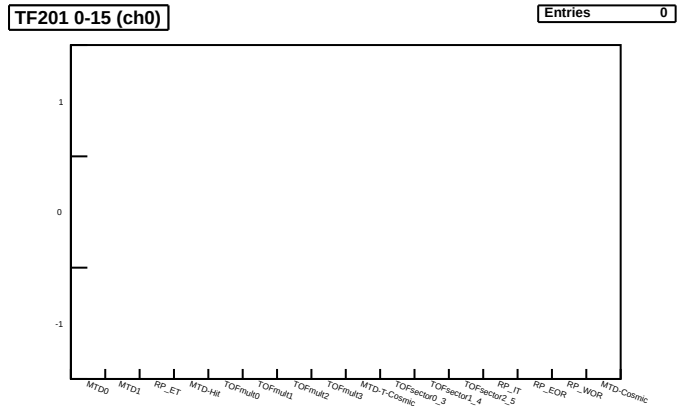

mFP201JP_FM103 large north
Entries 1.797763e+07
JP-T
JP-M
JP-B

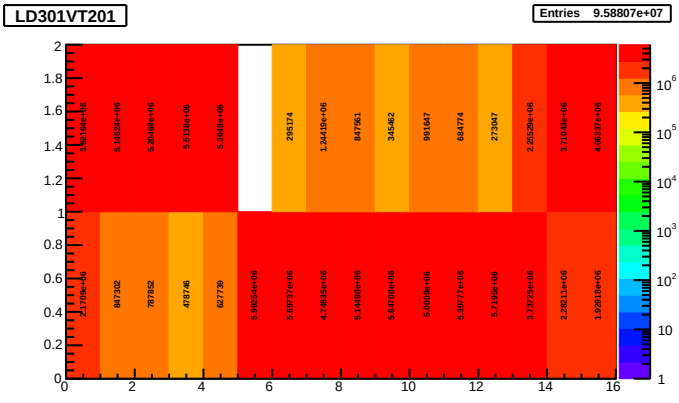

mFP201JPsim_FM103 large north
Entries 6091376
JP-T
JP-M
JP-B

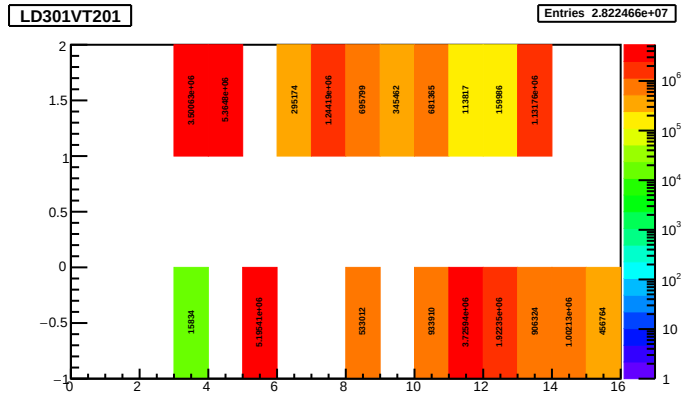

mFP201JP_FM104 large south
Entries 1.797763e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5956983
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 9.58807e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 9.58807e+07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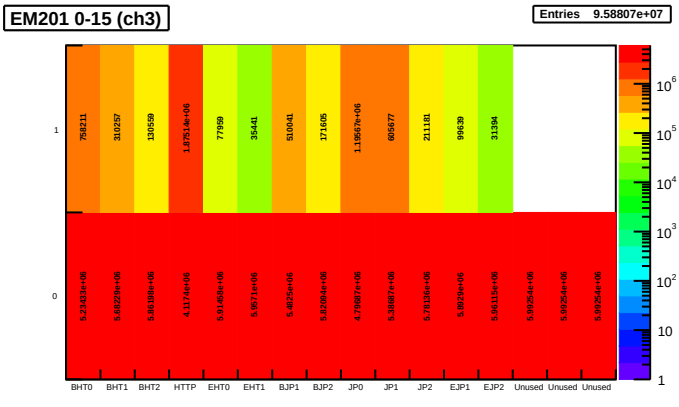
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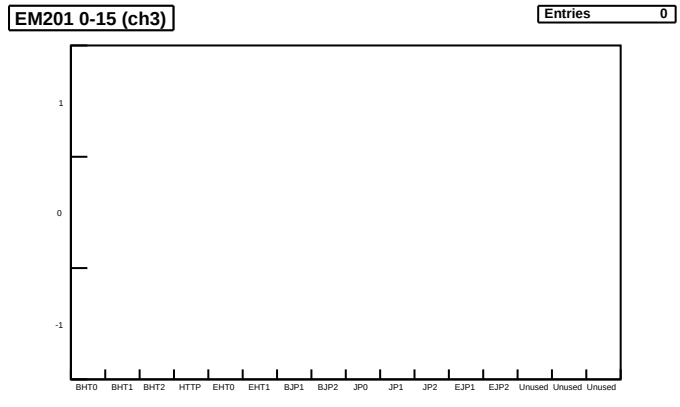
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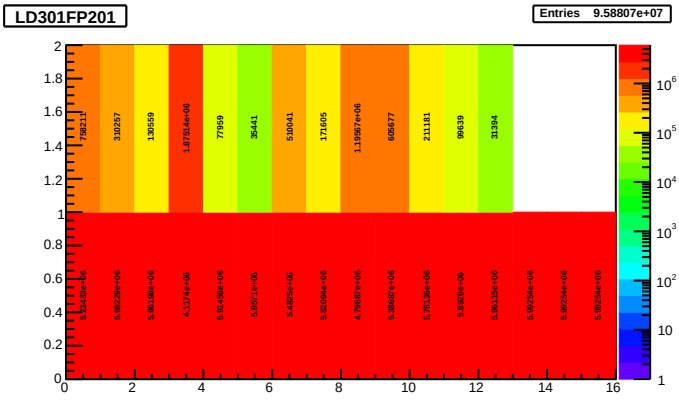
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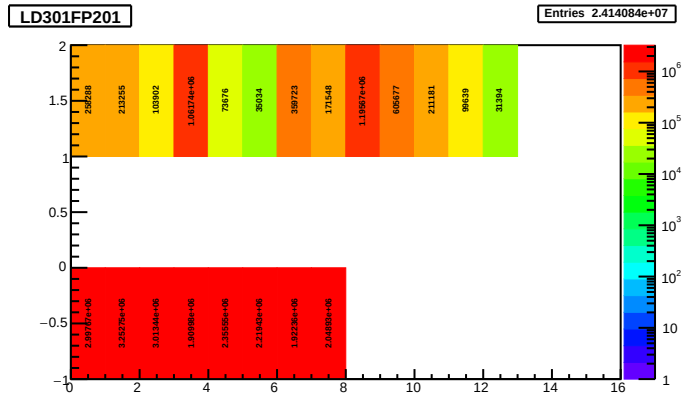
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