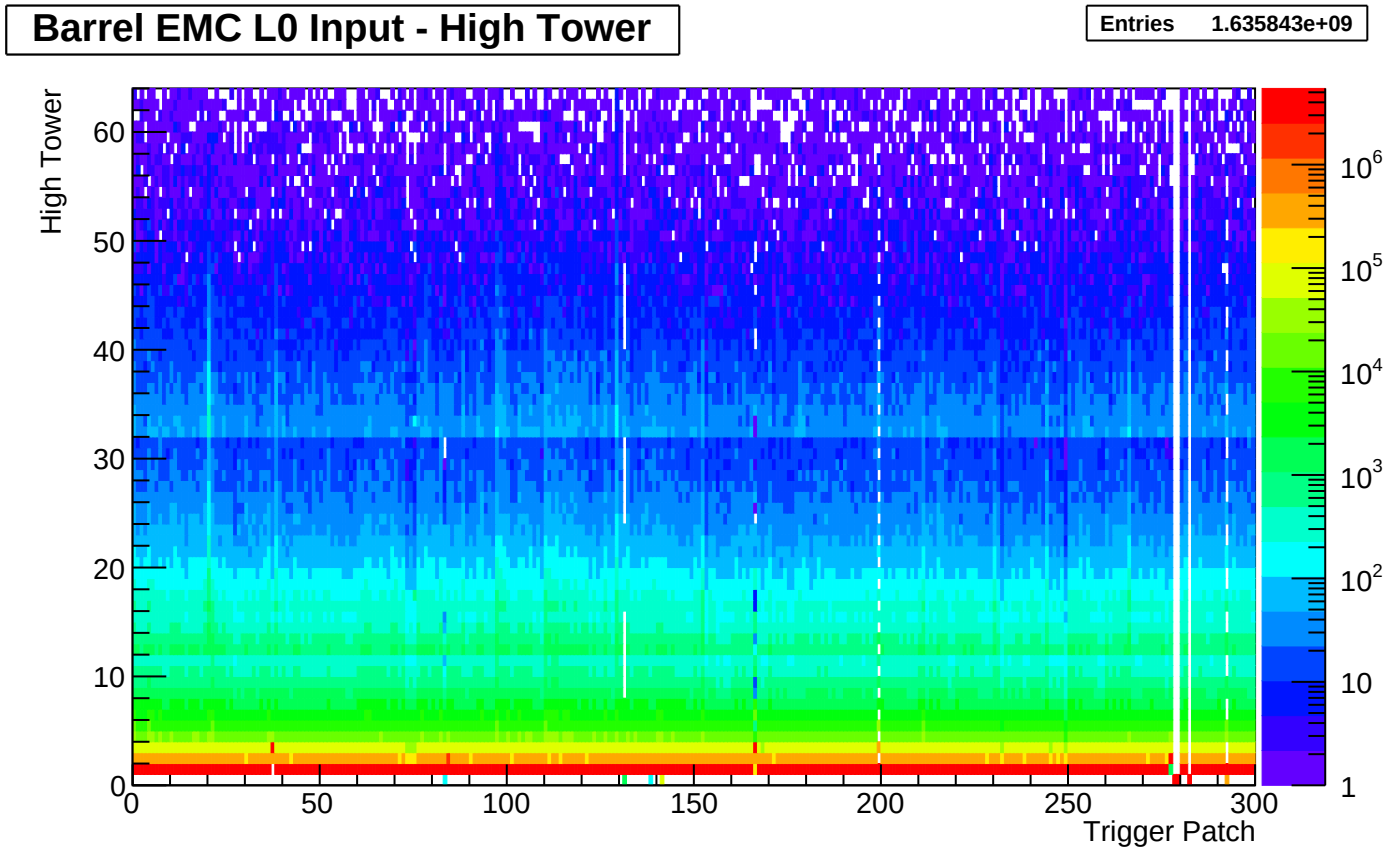
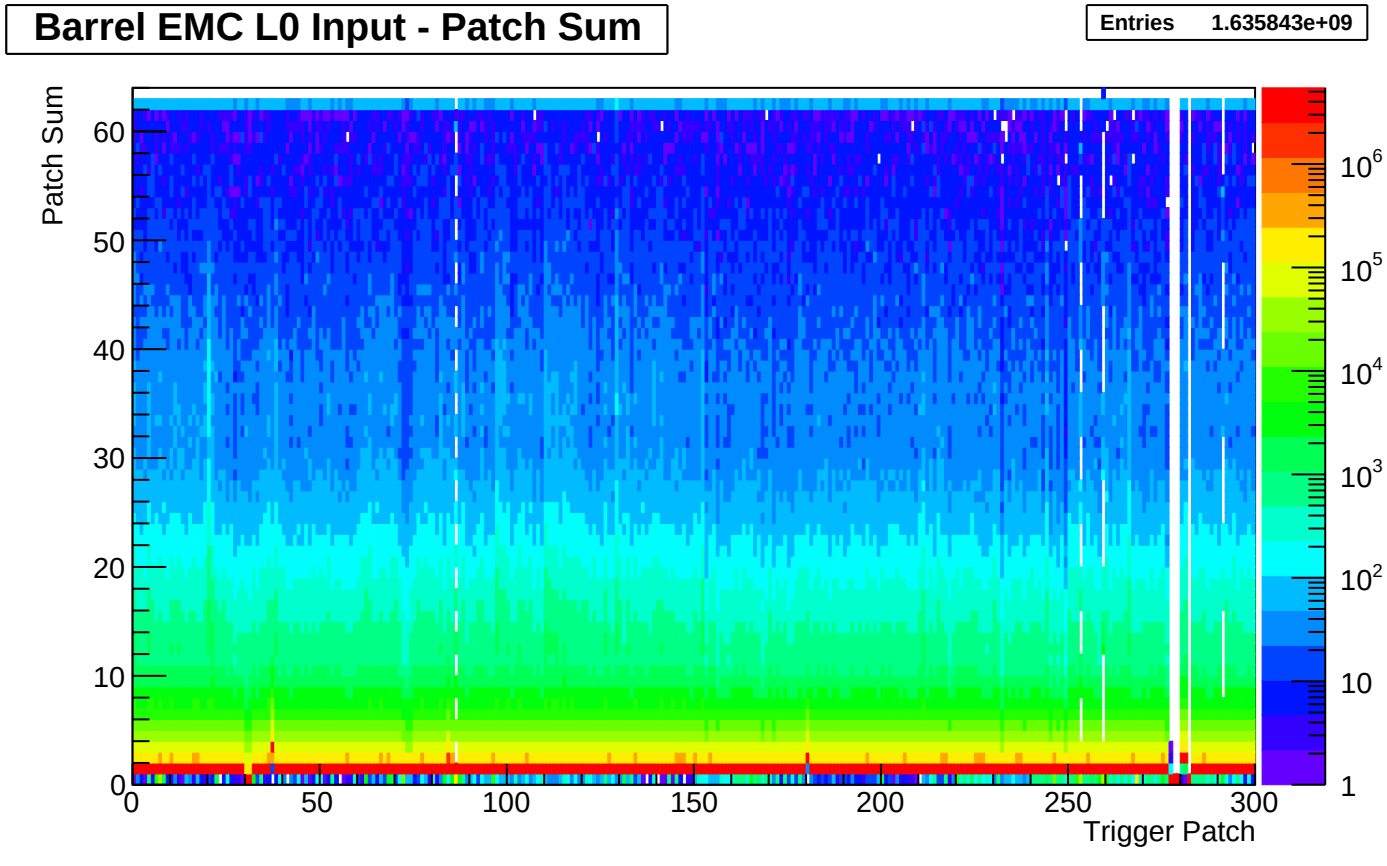
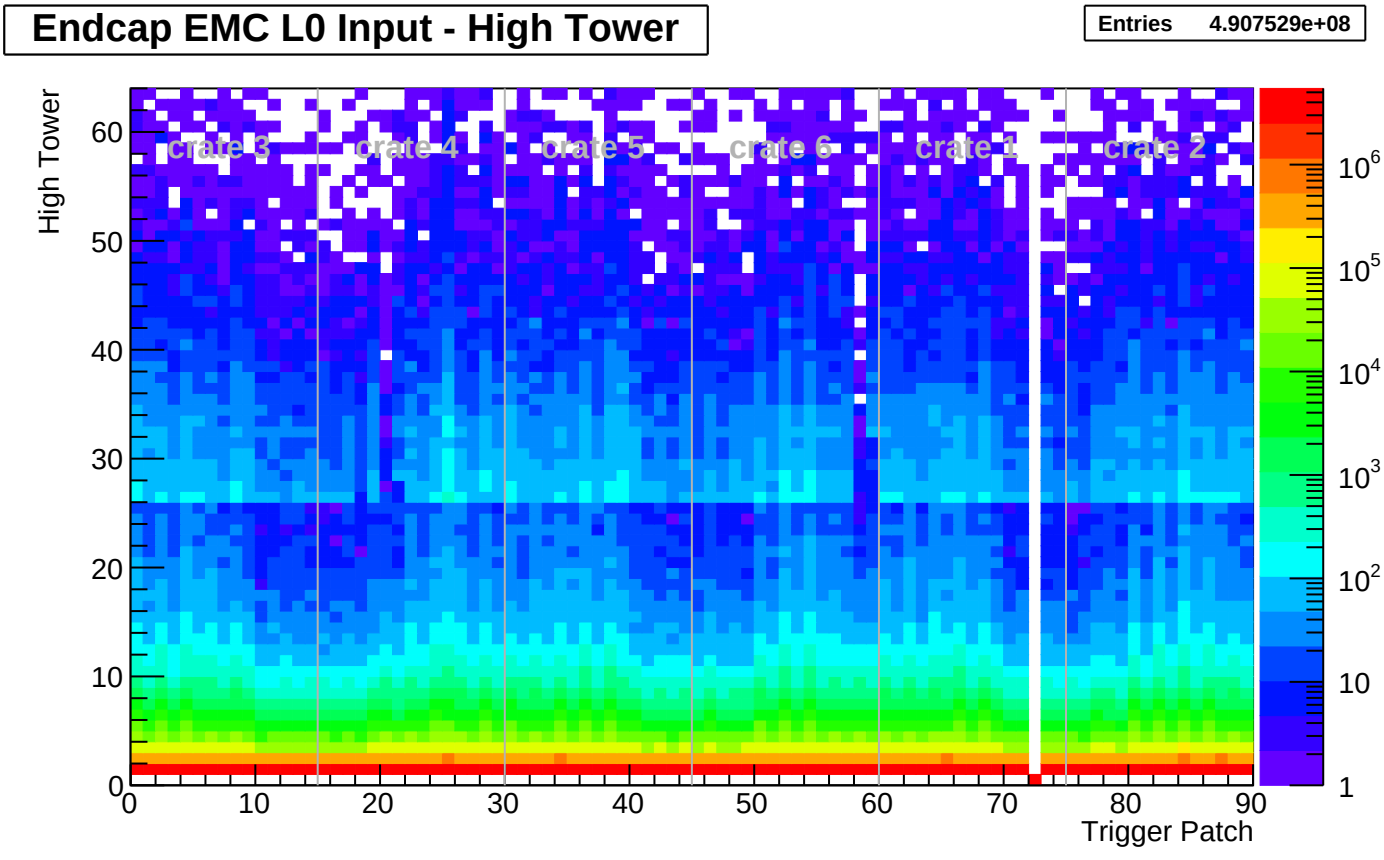
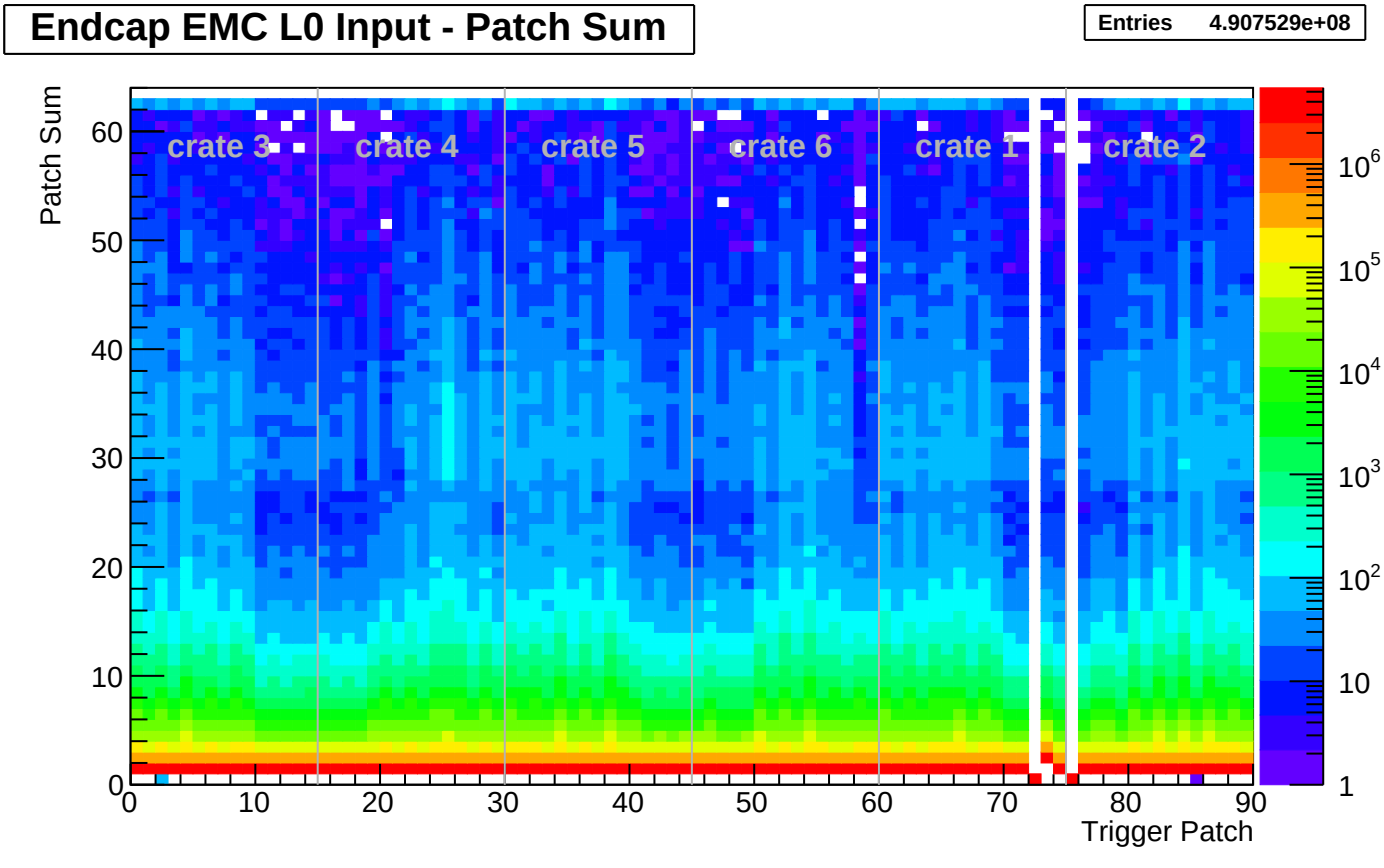
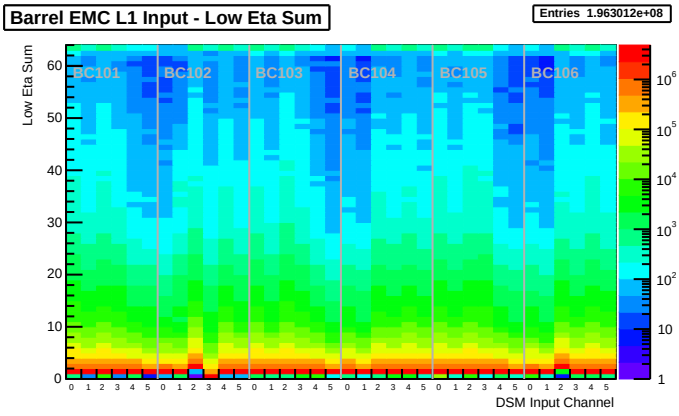
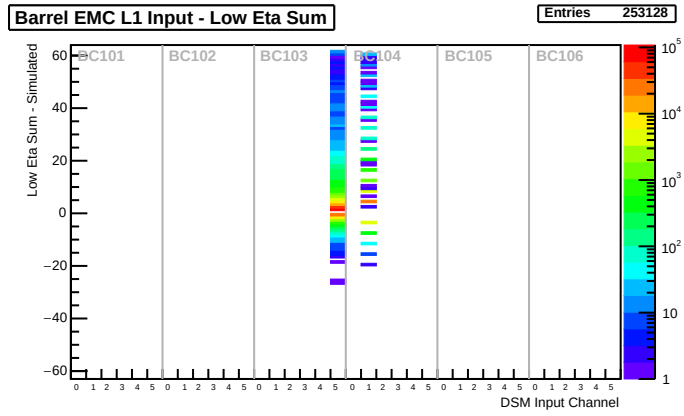

Barrel EMC L0 Input - High Tower
Entries 1.635843e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

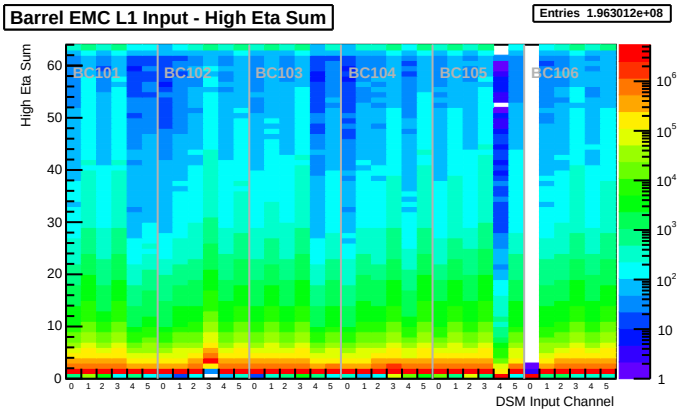

Barrel EMC L0 Input - Patch Sum
Entries 1.635843e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

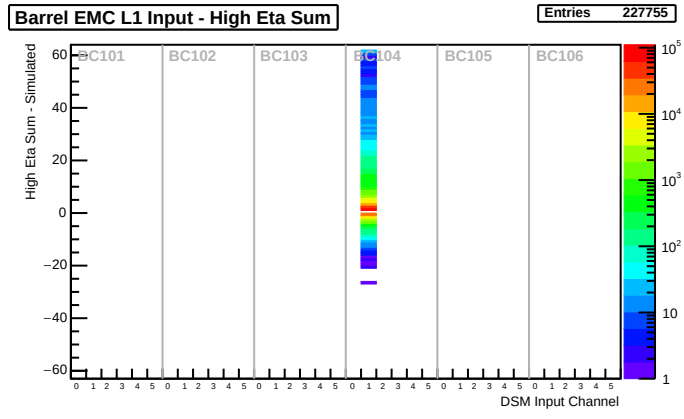

Endcap EMC L0 Input - High Tower
Entries 4.907529e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

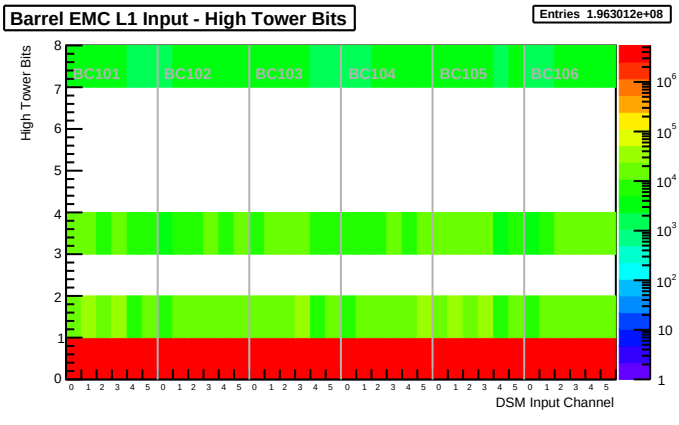

Endcap EMC L0 Input - Patch Sum
Entries 4.907529e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

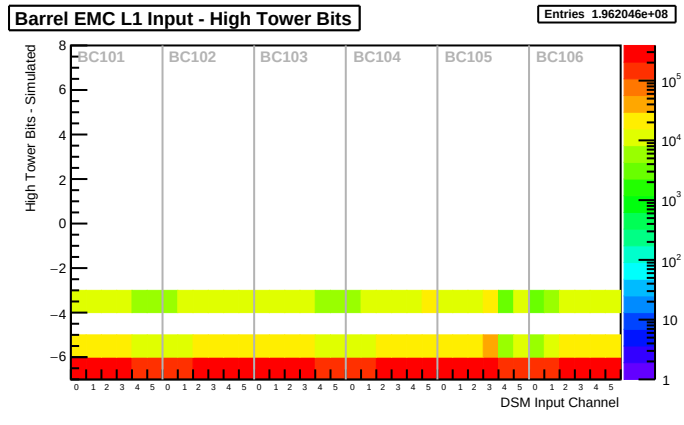

Barrel EMC L1 Input - Low Eta Sum
Entries 1.963012e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

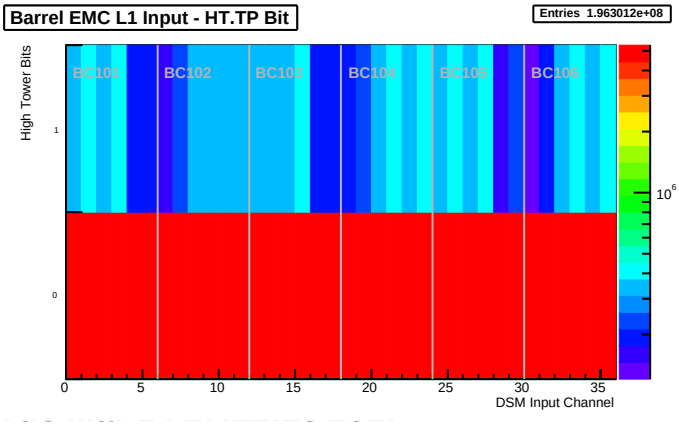

Barrel EMC L1 Input - Low Eta Sum
Entries 253128
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

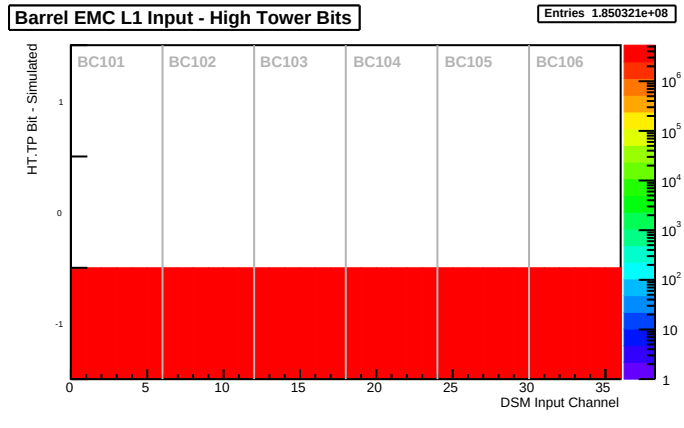

Barrel EMC L1 Input - High Eta Sum
Entries 1.963012e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

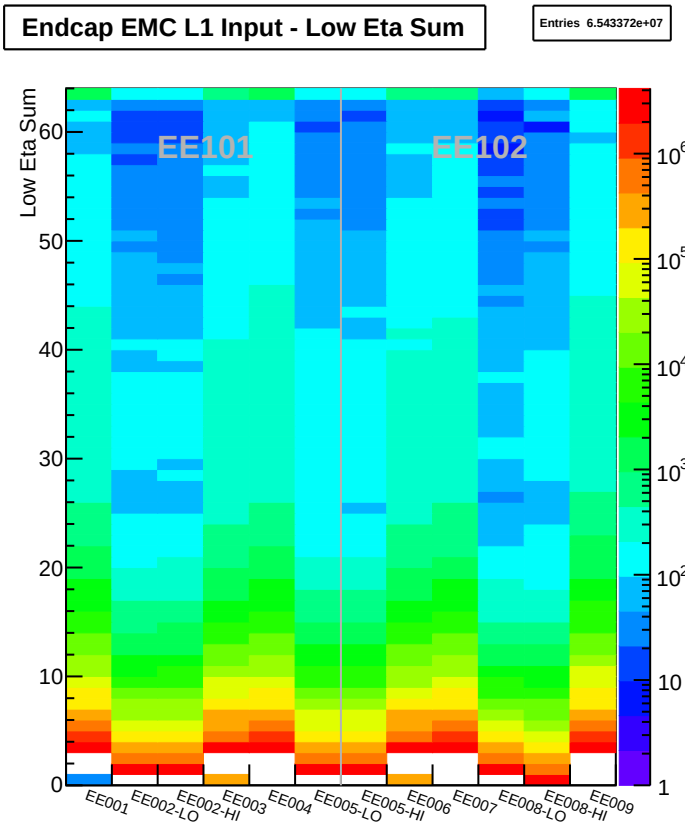

Barrel EMC L1 Input - High Eta Sum
Entries 227755
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

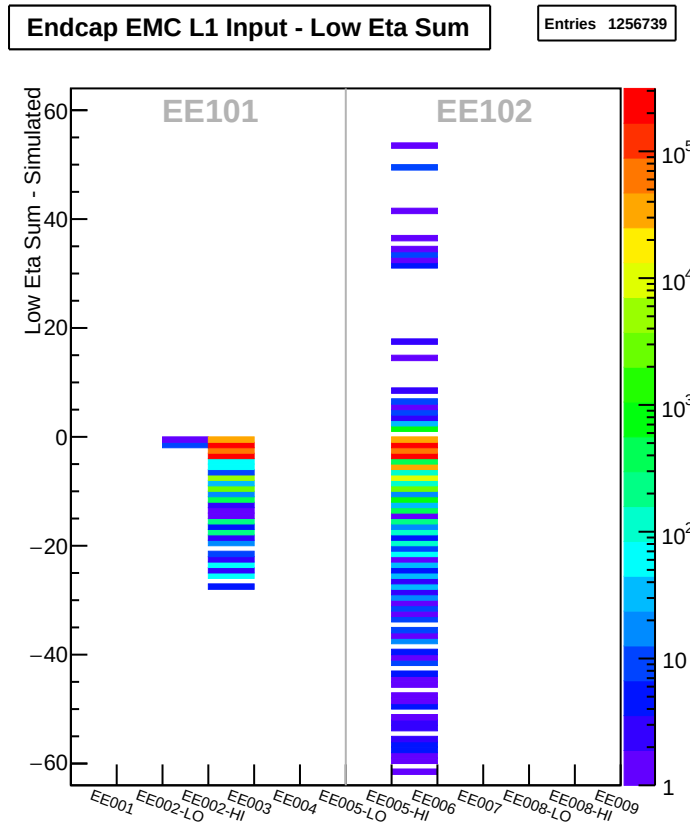

Barrel EMC L1 Input - High Tower Bits
Entries 1.963012e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

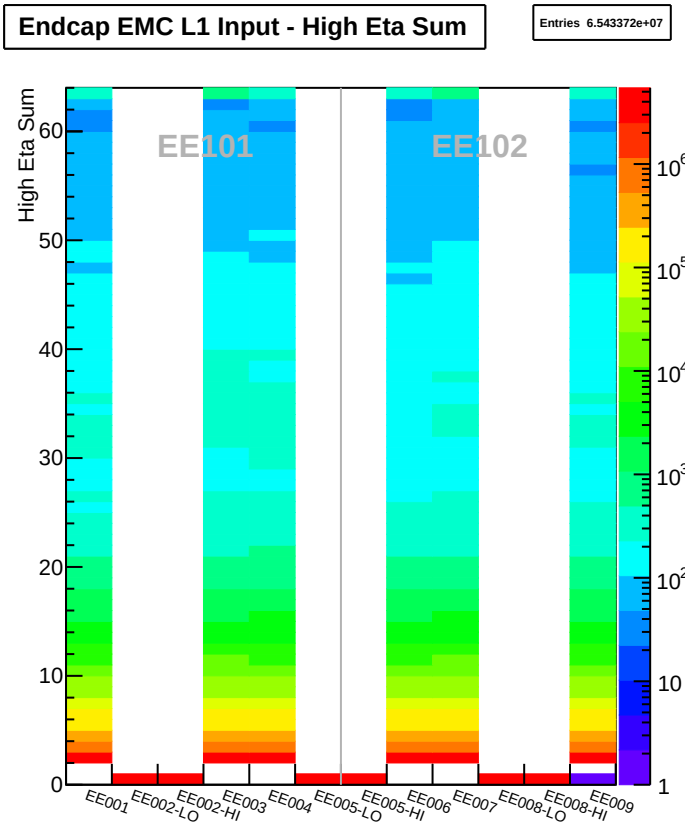

Barrel EMC L1 Input - High Tower Bits
Entries 1.962046e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

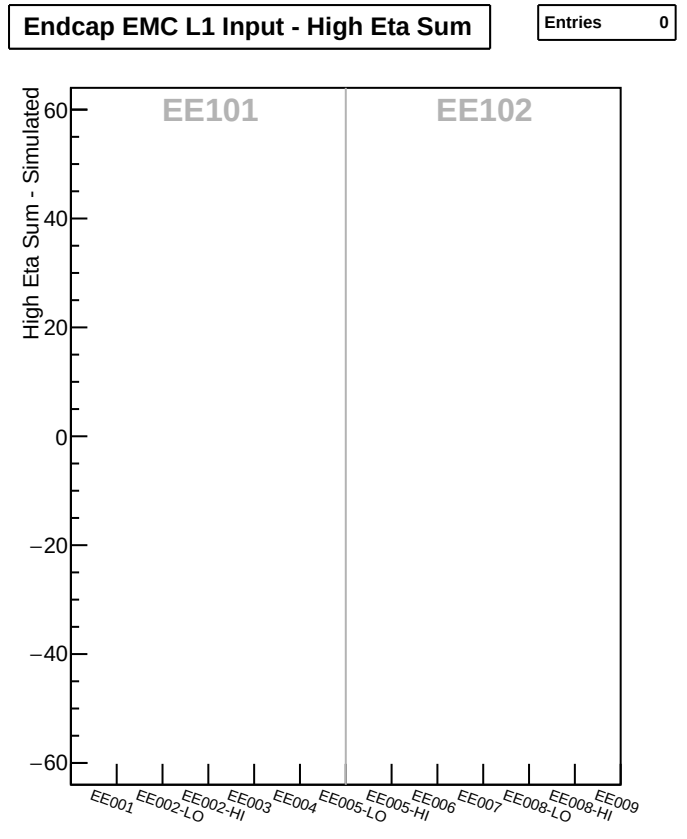

Barrel EMC L1 Input - HT.TP Bit
Entries 1.963012e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

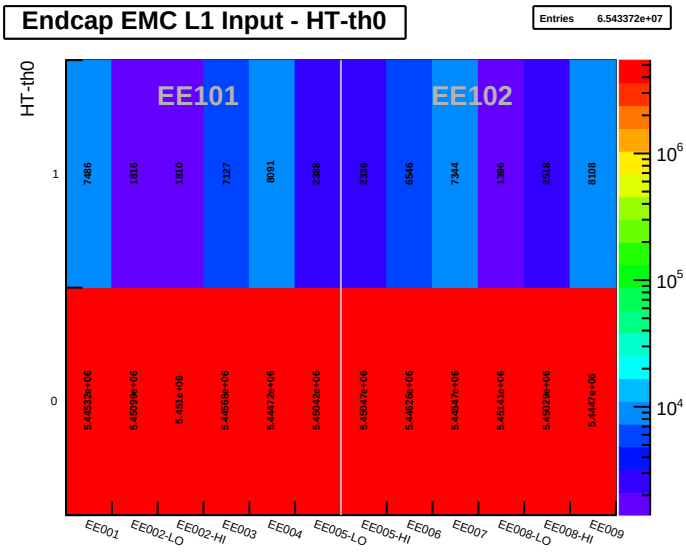

Barrel EMC L1 Input - High Tower Bits
Entries 1.850321e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

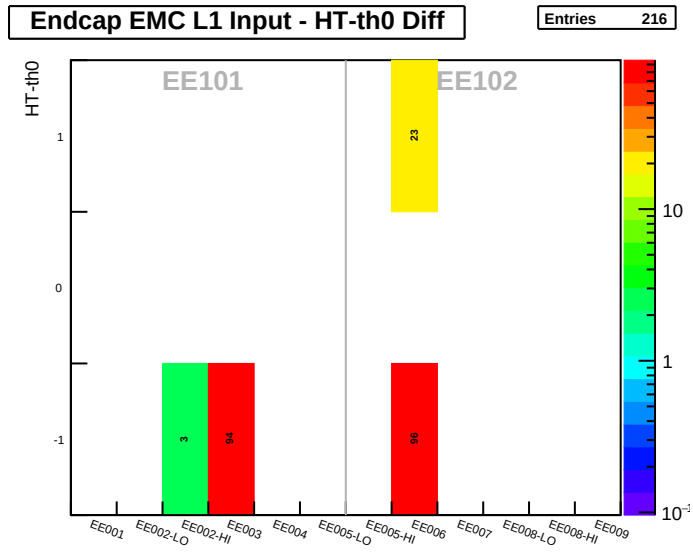

Endcap EMC L1 Input - Low Eta Sum
Entries 6.543372e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

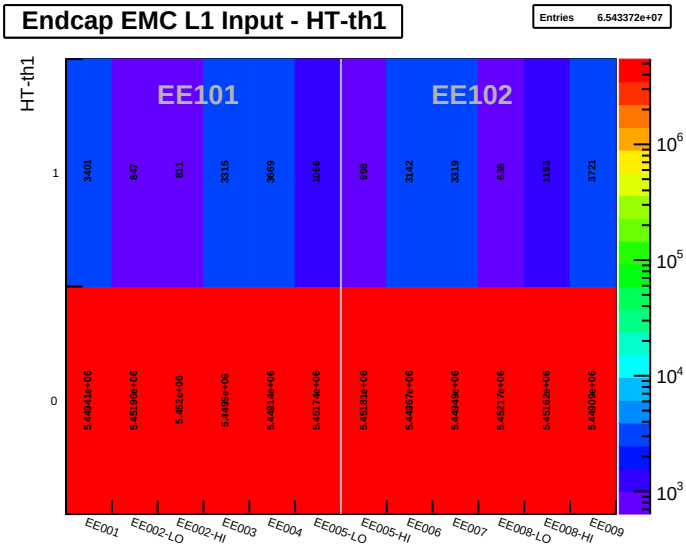

Endcap EMC L1 Input - Low Eta Sum
Entries 1256739
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

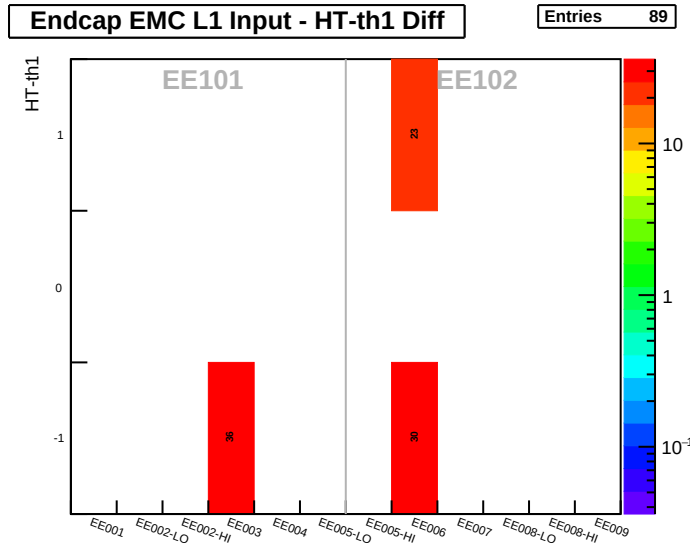

Endcap EMC L1 Input - High Eta Sum
Entries 6.543372e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

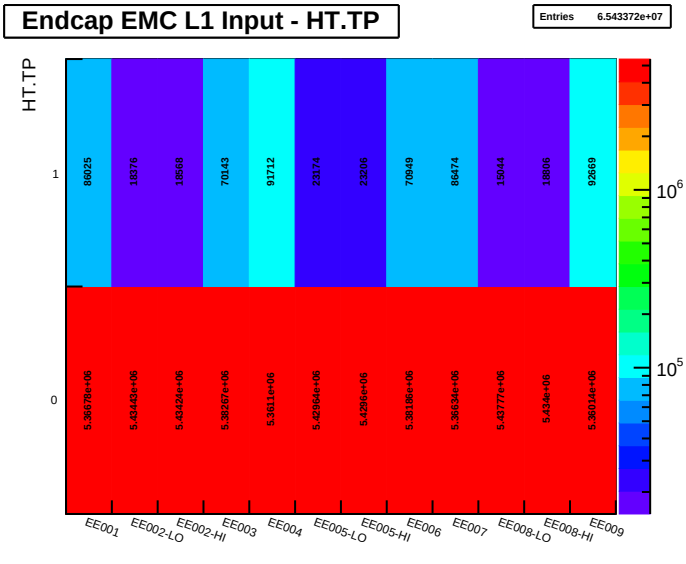

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

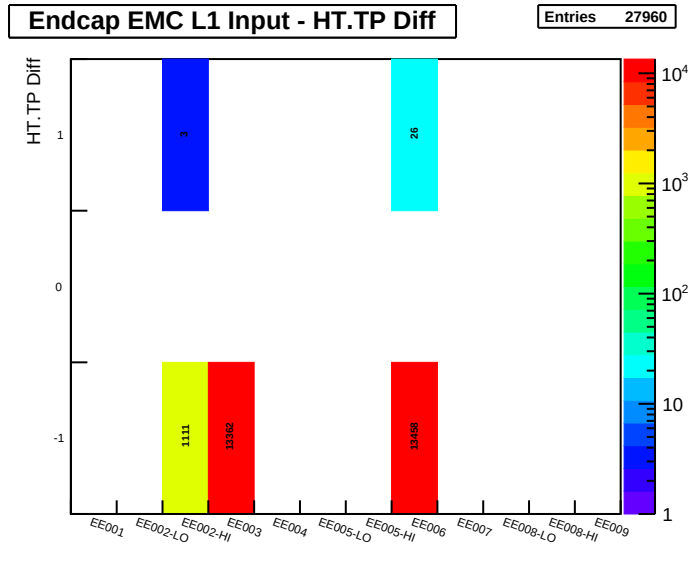

Endcap EMC L1 Input - HT-th0
Entries 6.543372e+07
HT-th0
EE101
EE102
7486 1816 1810 7127 8091 2388 2336 6546 7344 1396 2518 8108
5.46532e+06 5.45099e+06 5.451e+06 5.44568e+06 5.44472e+06 5.45042e+06 5.45047e+06 5.46626e+06 5.46547e+06 5.46141e+06 5.45029e+06 5.4447e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

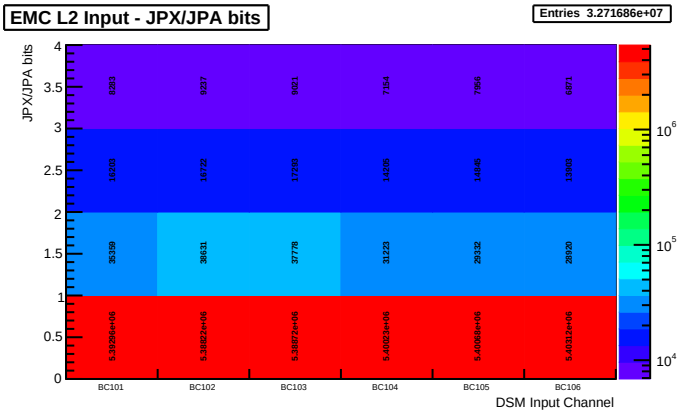

Endcap EMC L1 Input - HT-th0 Diff
Entries 216
HT-th0
EE101
EE102
23
3 94 96
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

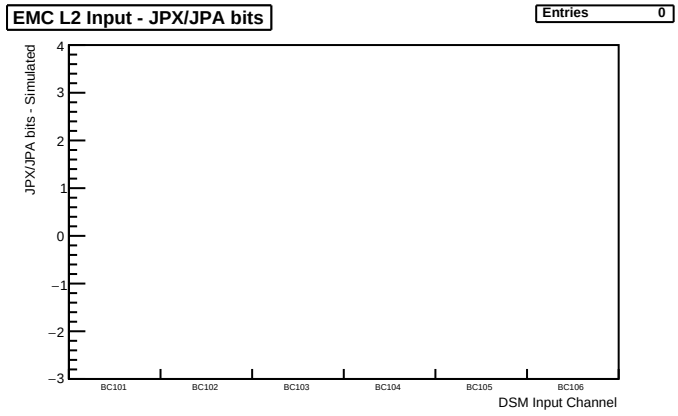

Endcap EMC L1 Input - HT-th1
Entries 6.543372e+07
HT-th1
EE101
EE102
3401 847 811 3315 3669 1066 998 3142 3319 638 1193 3721
5.44941e+06 5.45196e+06 5.452e+06 5.4495e+06 5.44914e+06 5.45174e+06 5.45181e+06 5.44967e+06 5.44949e+06 5.45217e+06 5.45162e+06 5.44909e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

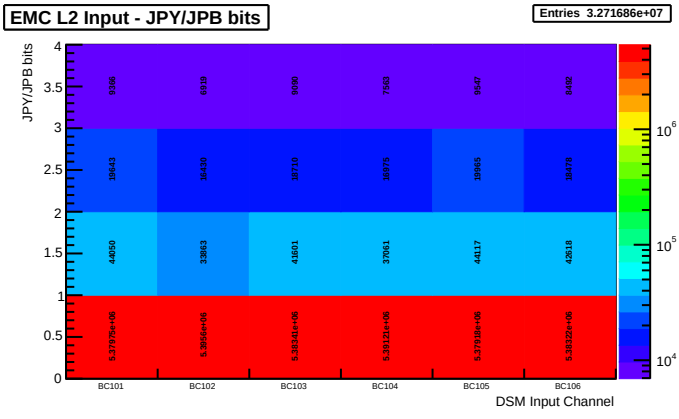

Endcap EMC L1 Input - HT-th1 Diff
Entries 89
HT-th1
EE101
EE102
23
36 30
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

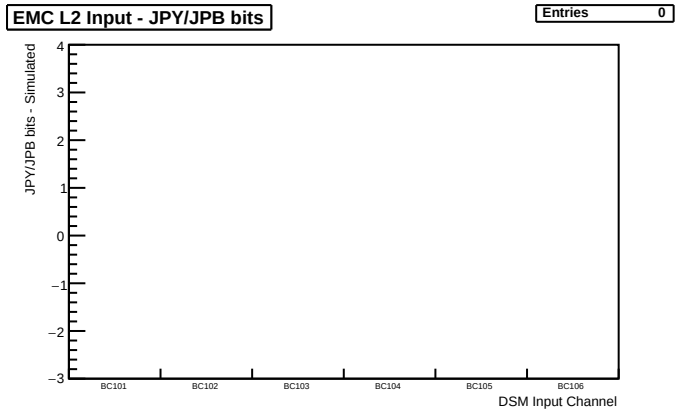

Endcap EMC L1 Input - HT.TP
Entries 6.543372e+07
HT.TP
86025 18376 18568 70143 91712 23174 22206 70949 86474 15044 18806 92569
5.36678e+06 5.43443e+06 5.43424e+06 5.39267e+06 5.3611e+06 5.42864e+06 5.4236e+06 5.38186e+06 5.36634e+06 5.43777e+06 5.434e+06 5.36014e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

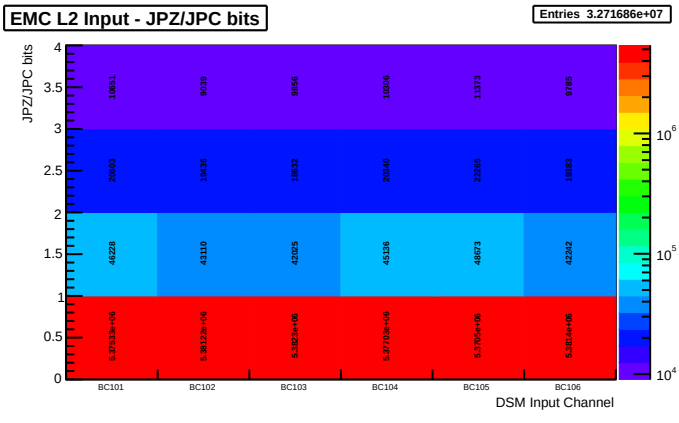

Endcap EMC L1 Input - HT.TP Diff
Entries 27960
HT.TP Diff
3 26
1111 13362 13458
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

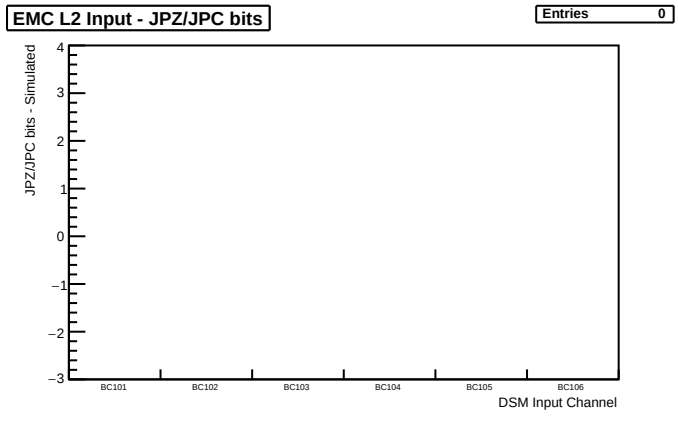

EMC L2 Input - JPX/JPA bits
Entries 3.271686e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8263
9237
9021
7154
7956
6871
16248
16722
17283
14205
14845
13903
35359
38631
37778
31223
29332
28920
5.39256e+06
5.38822e+06
5.38872e+06
5.40023e+06
5.40068e+06
5.40312e+06

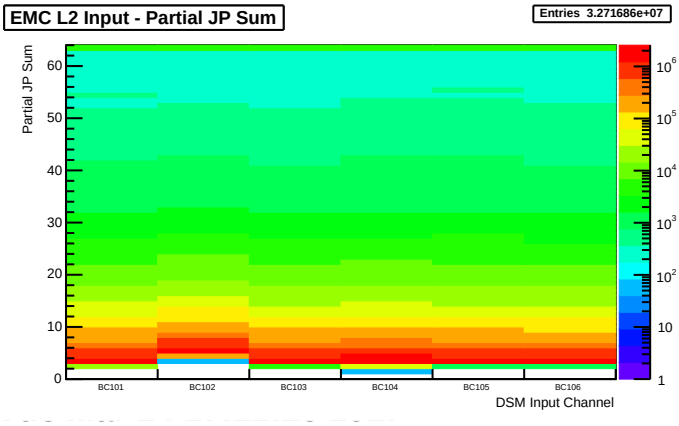

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

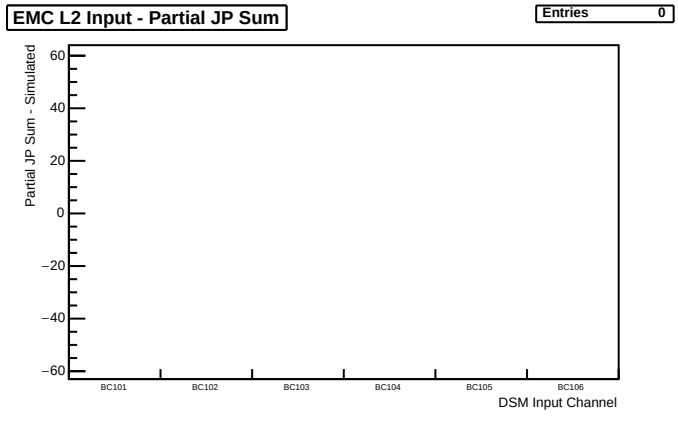

EMC L2 Input - JPY/JPB bits
Entries 3.271686e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9366
6939
9060
7563
9547
8492
15643
16430
19710
16975
19965
19578
44050
38863
41601
37061
44117
42618
5.37975e+06
5.3856e+06
5.38341e+06
5.39121e+06
5.37938e+06
5.38322e+06

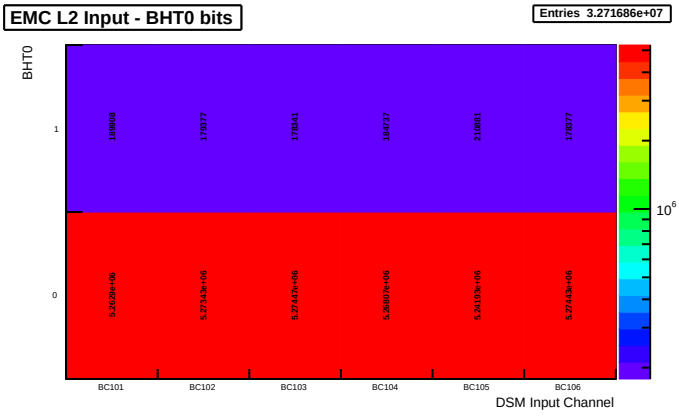

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

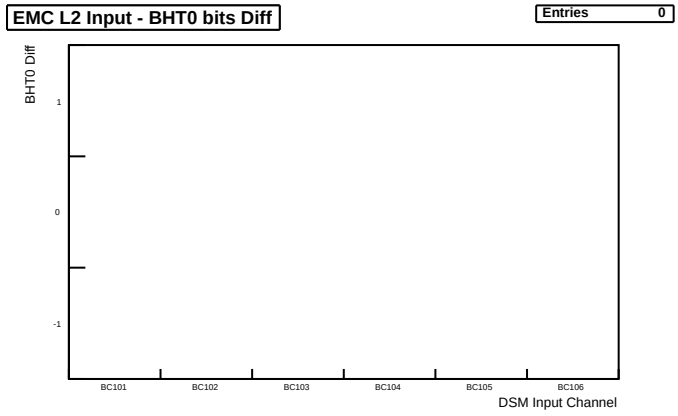

EMC L2 Input - JPZ/JPC bits
Entries 3.271686e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10651
9039
9856
10506
11373
9785
20603
19438
18832
20340
22265
19383
46229
43110
42025
45136
48673
42242
5.37532e+06
5.38122e+06
5.3823e+06
5.37703e+06
5.37054e+06
5.38314e+06

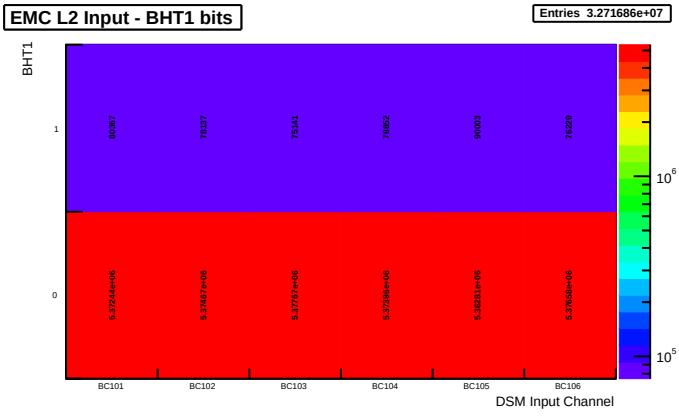

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

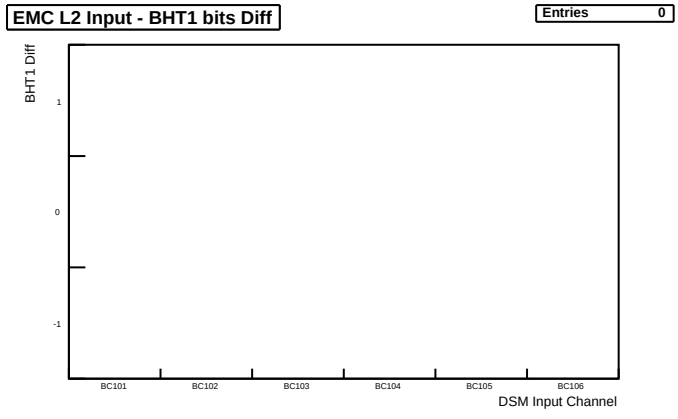

EMC L2 Input - Partial JP Sum
Entries 3.271686e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

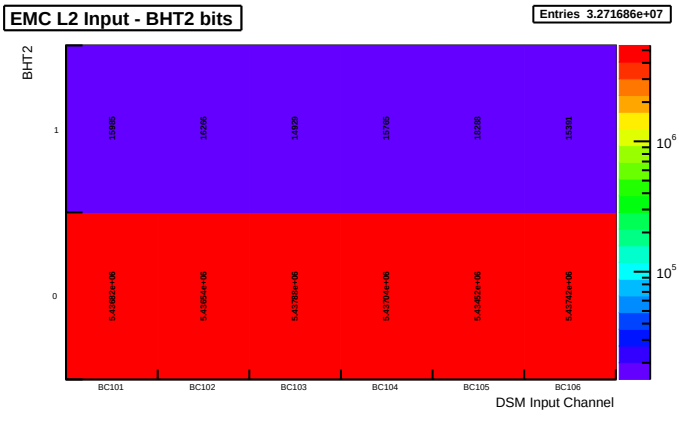

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

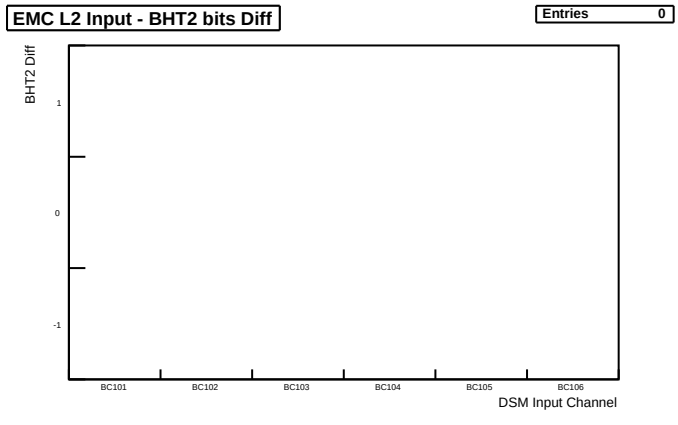

EMC L2 Input - BHT0 bits
Entries 3.271686e+07
BHT0
1
0
189908
179377
178341
194737
210831
178377
5.32629e+06
5.27443e+06
5.27447e+06
5.28097e+06
5.24193e+06
5.27443e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

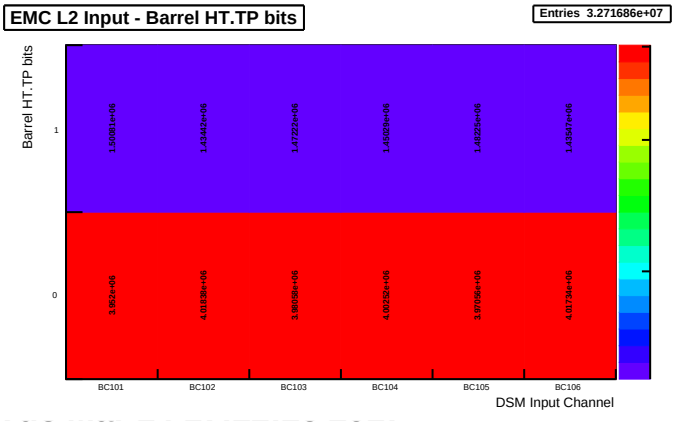

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

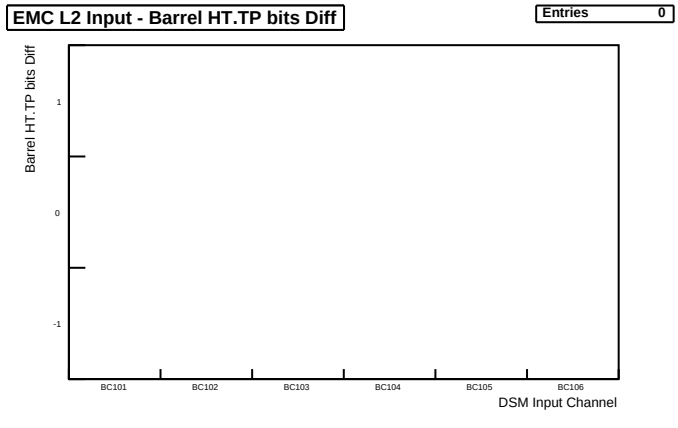

EMC L2 Input - BHT1 bits
Entries 3.271686e+07
BHT1
1
0
80357
78137
75141
76852
90003
76229
5.37244e+06
5.37667e+06
5.37767e+06
5.37396e+06
5.36281e+06
5.37659e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

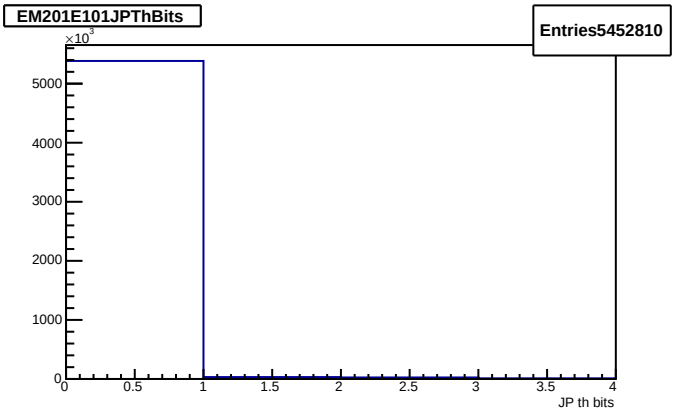

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

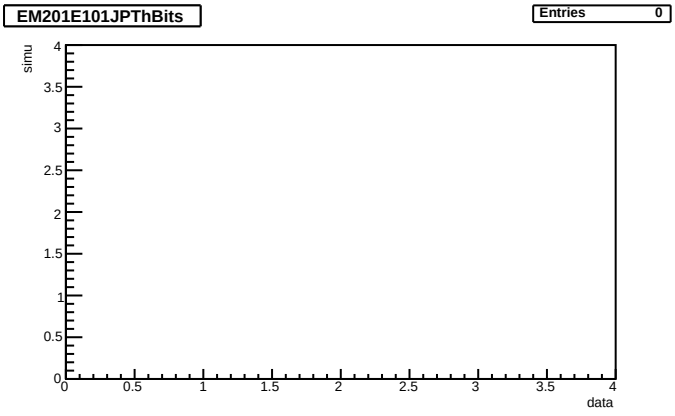

EMC L2 Input - BHT2 bits
Entries 3.271686e+07
BHT2
1
0
15365
16266
14929
15765
10288
15301
5.43822e+06
5.43654e+06
5.43788e+06
5.43704e+06
5.43452e+06
5.43702e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

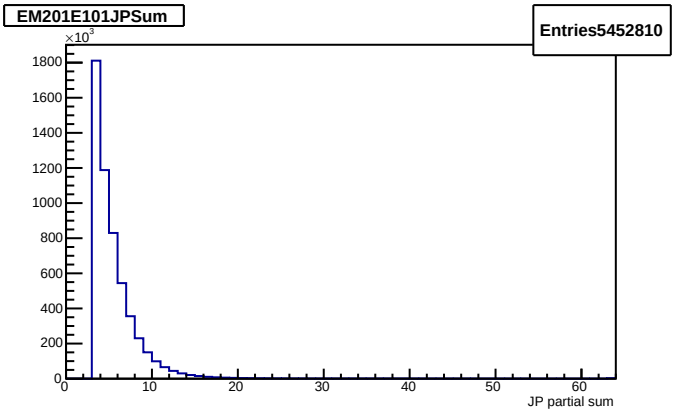

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

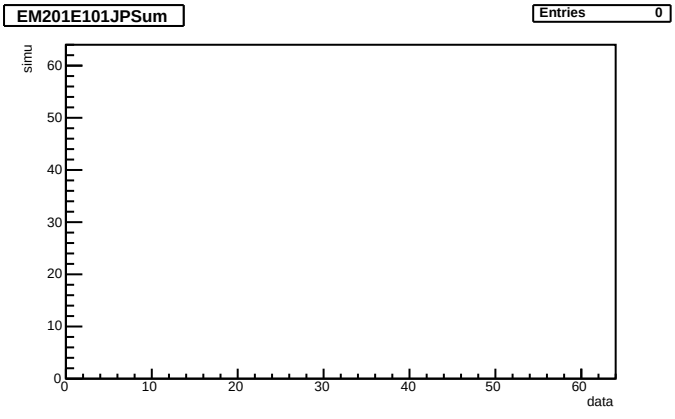

EMC L2 Input - Barrel HT.TP bits
Entries 3.271686e+07
Barrel HT.TP bits
1
0
1.50681e+06
1.43442e+06
1.47222e+06
1.45029e+06
1.48229e+06
1.43547e+06
3.952e+06
4.01838e+06
3.98058e+06
4.00252e+06
3.97056e+06
4.01734e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

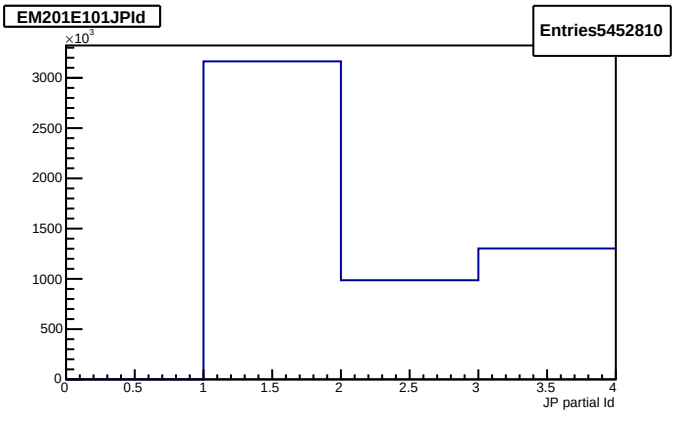

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

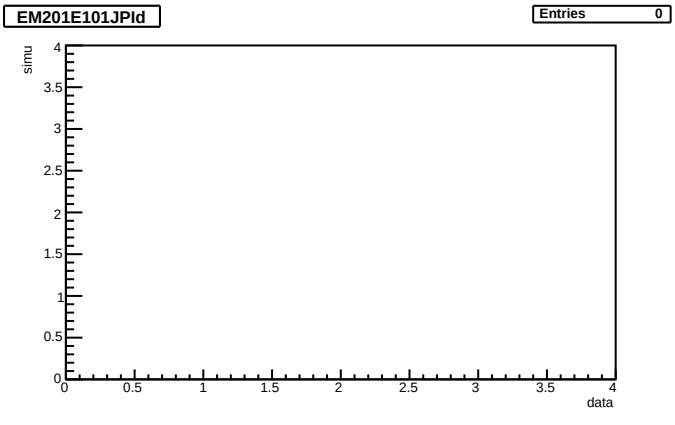

EM201E101JPThBits
Entries5452810
×10^3
JP th bits

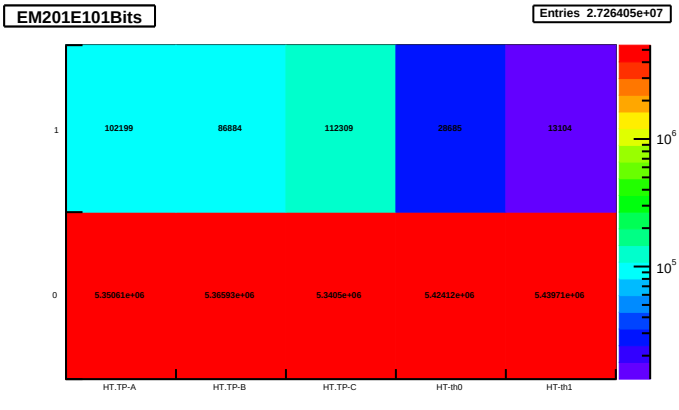

EM201E101JPThBits
Entries 0
simu
data

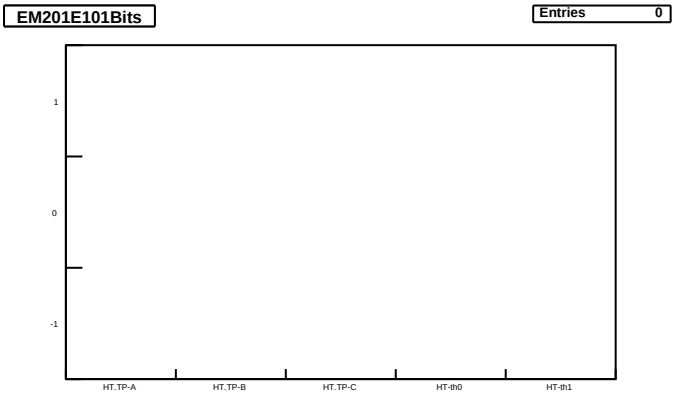

EM201E101JPSum
Entries5452810
×10^3
JP partial sum

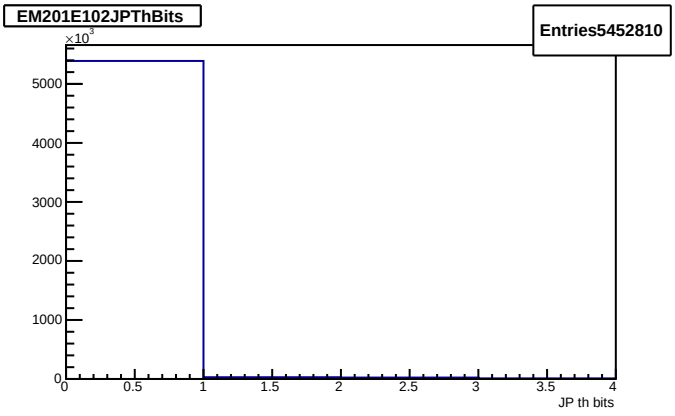

EM201E101JPSum
Entries 0
simu
data

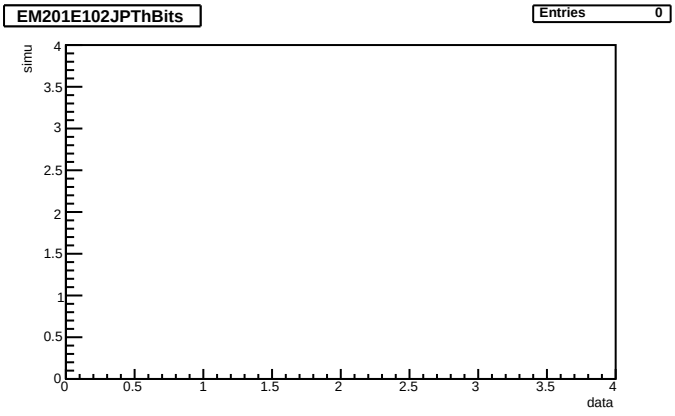

EM201E101JPId
Entries5452810
×10^3
JP partial Id

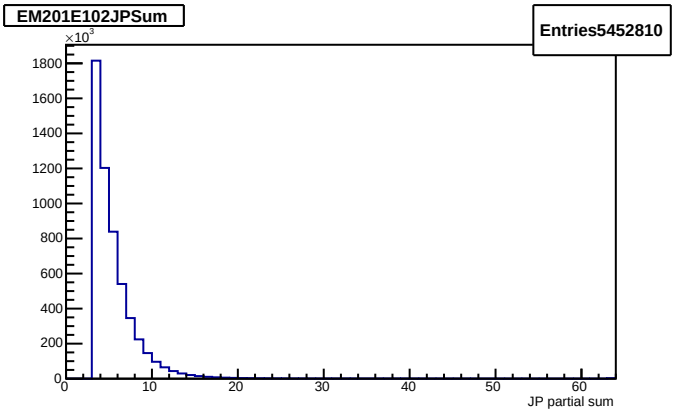

EM201E101JPId
Entries 0
simu
data

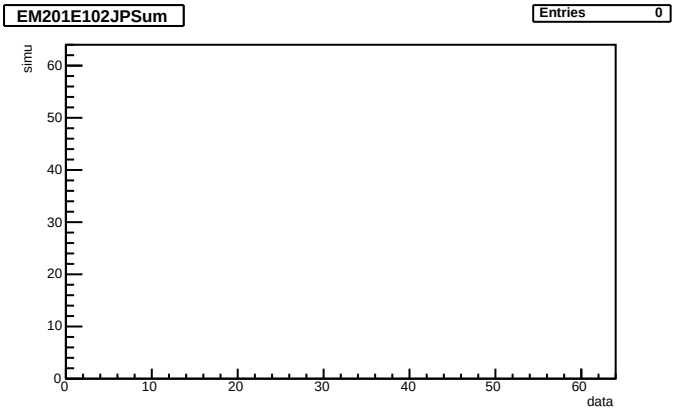

EM201E101Bits
Entries 2.726405e+07
102199
86884
112309
20685
13104
5.35061e+06
5.36593e+06
5.3405e+06
5.42412e+06
5.43971e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

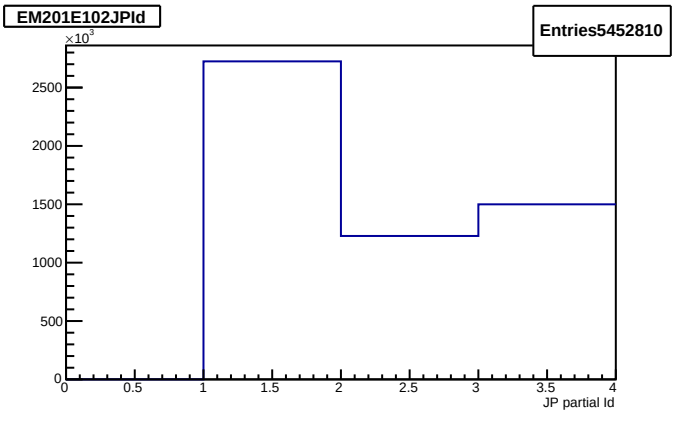

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

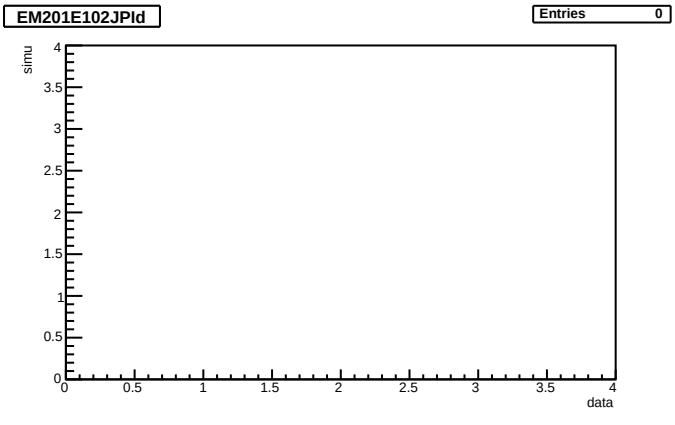

EM201E102JPThBits
Entries5452810
×10^3
JP th bits

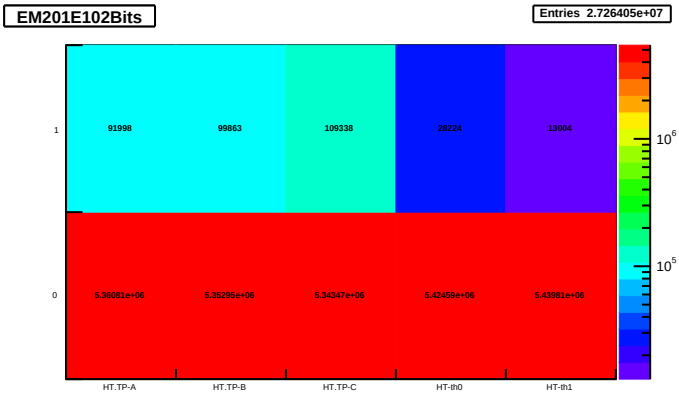

EM201E102JPThBits
Entries 0
simu
data

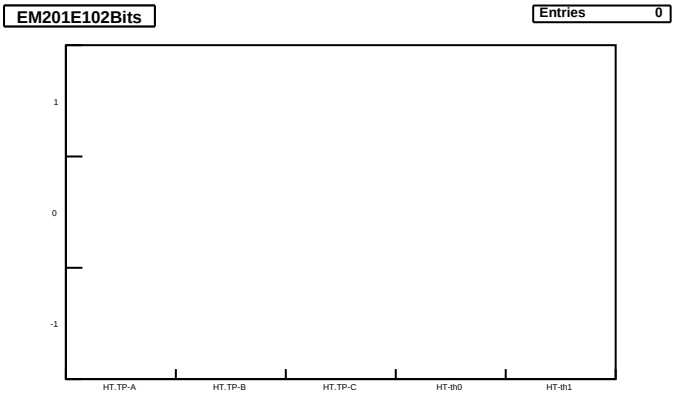

EM201E102JPSum
Entries5452810
×10^3
JP partial sum

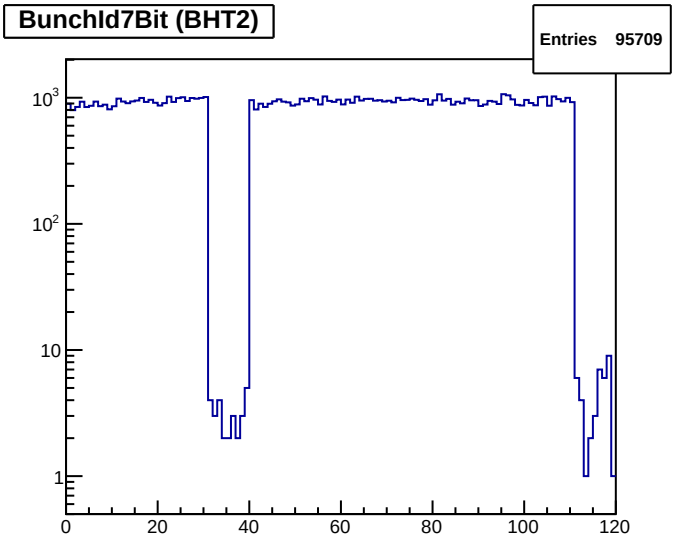

EM201E102JPSum
Entries 0
simu
data

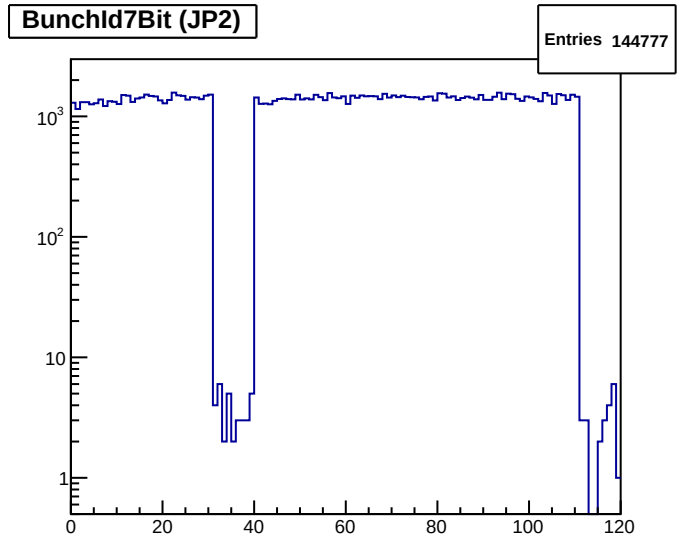

EM201E102JPId
Entries5452810
×10^3
JP partial Id

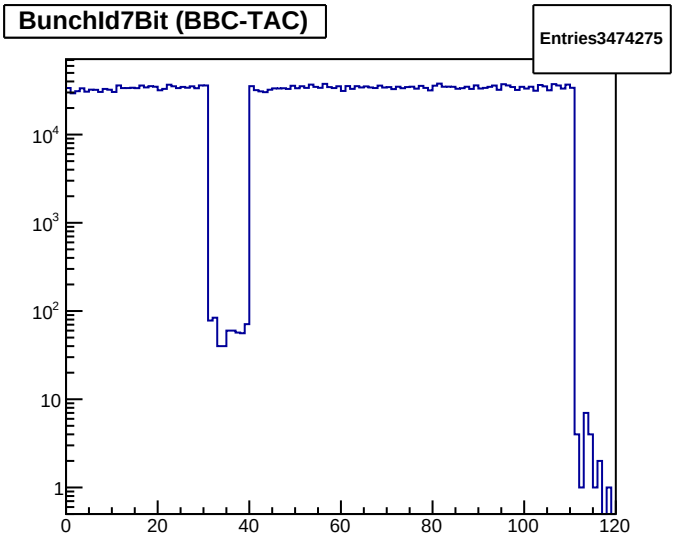

EM201E102JPId
Entries 0
simu
data

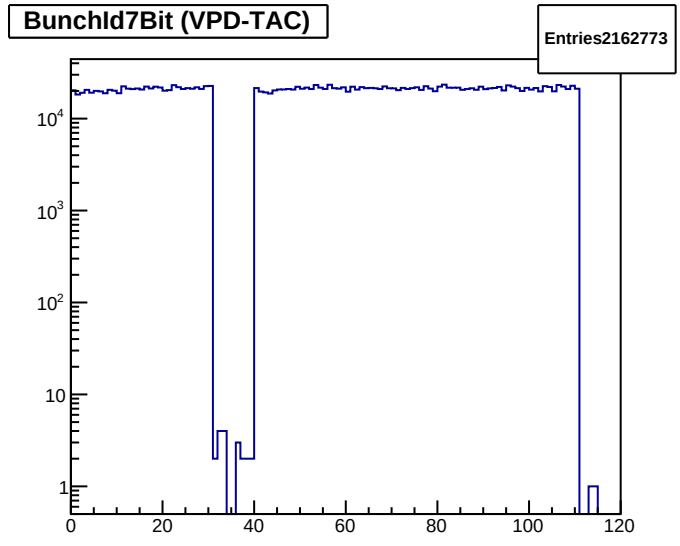

EM201E102Bits
Entries 2.726405e+07
91998
99863
109338
28224
13004
5.36081e+06
5.35295e+06
5.34347e+06
5.42459e+06
5.43981e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

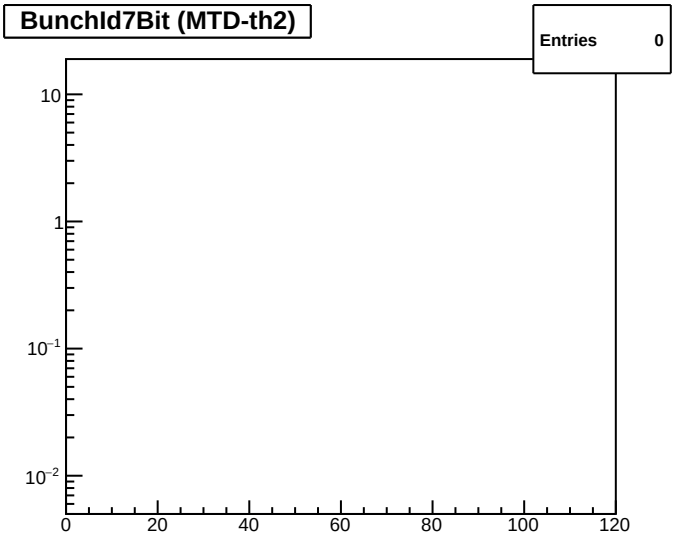

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

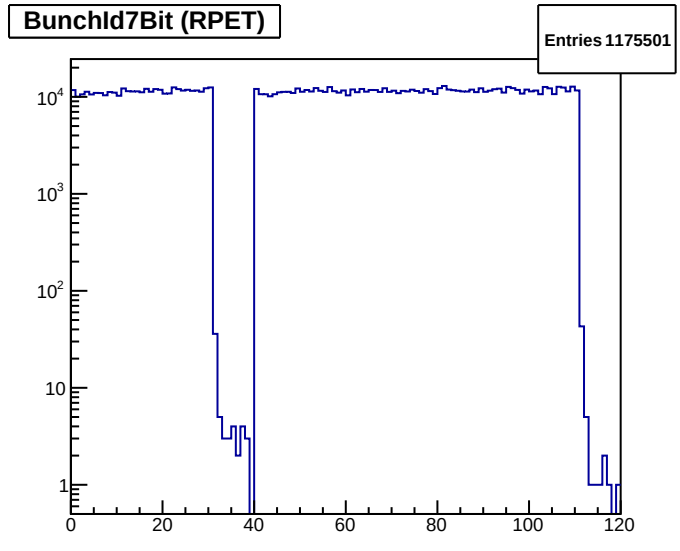

BunchId7Bit (BHT2)
Entries 95709

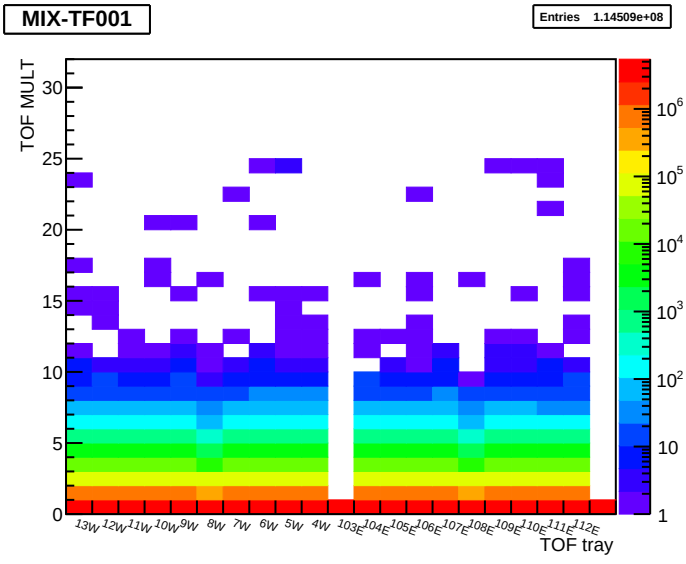

BunchId7Bit (JP2)
Entries 144777

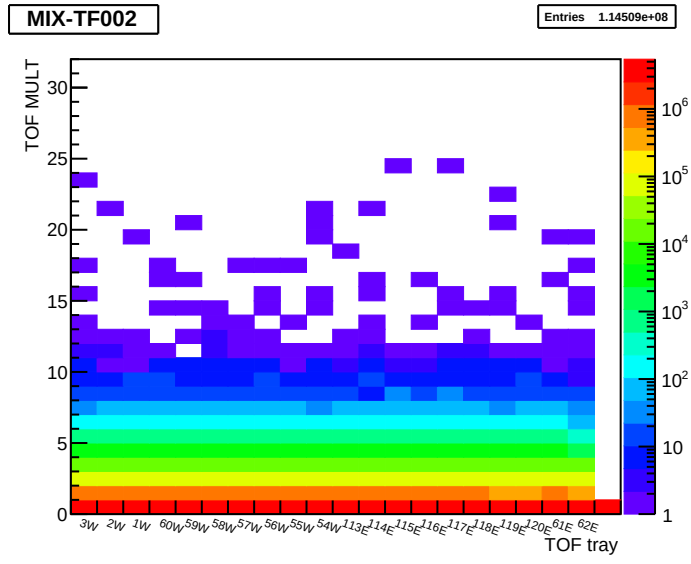

BunchId7Bit (BBC-TAC)
Entries3474275

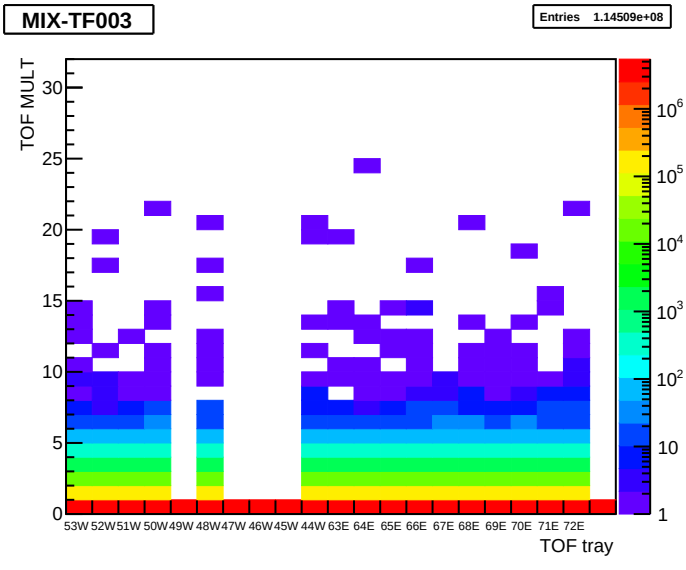

BunchId7Bit (VPD-TAC)
Entries2162773

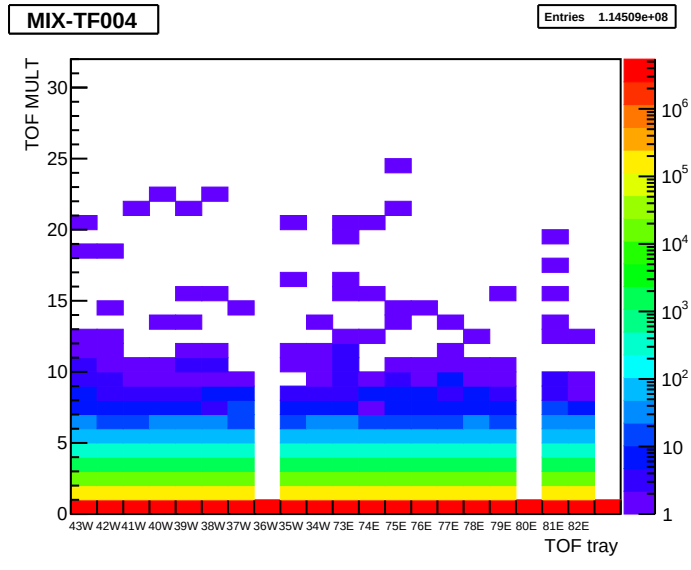

BunchId7Bit (MTD-th2)
Entries 0

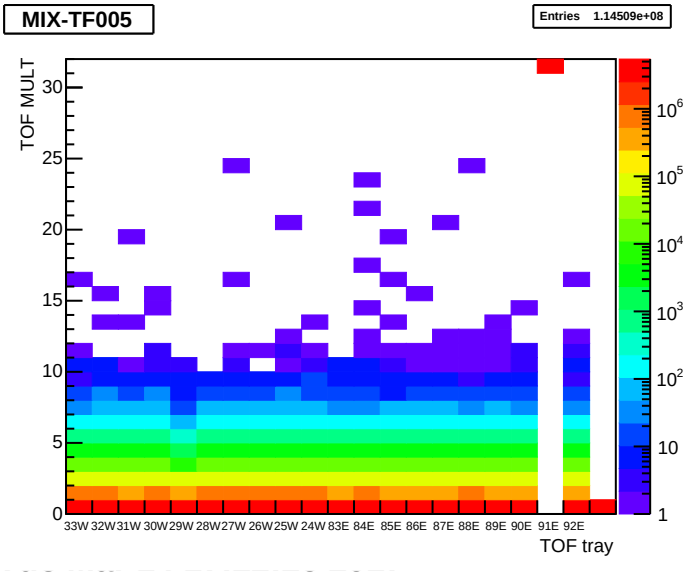

BunchId7Bit (RPET)
Entries 1175501

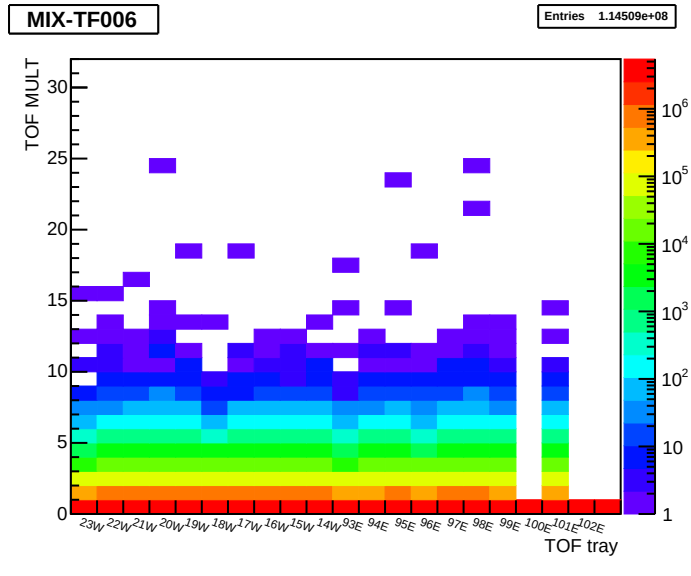

MIX-TF001
Entries 1.14509e+08
TOF MULT
TOF tray

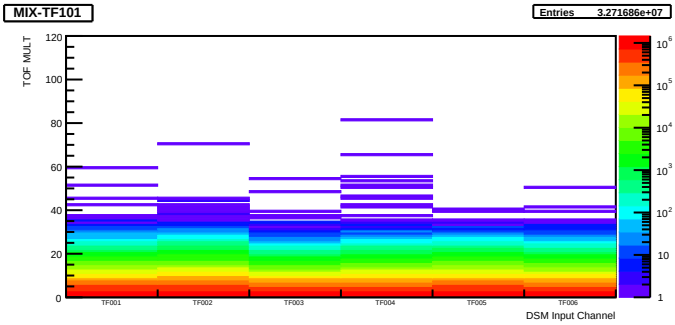

MIX-TF002
Entries 1.14509e+08
TOF MULT
TOF tray

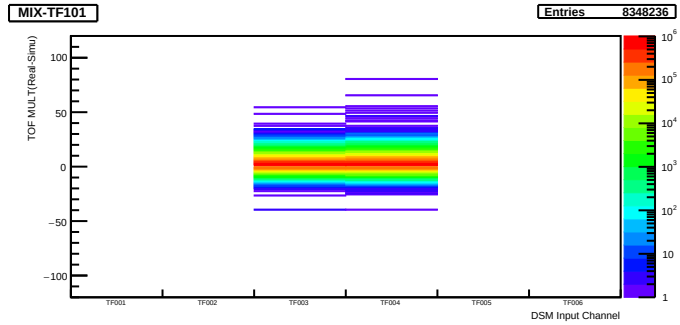

MIX-TF003
Entries 1.14509e+08
TOF MULT
TOF tray

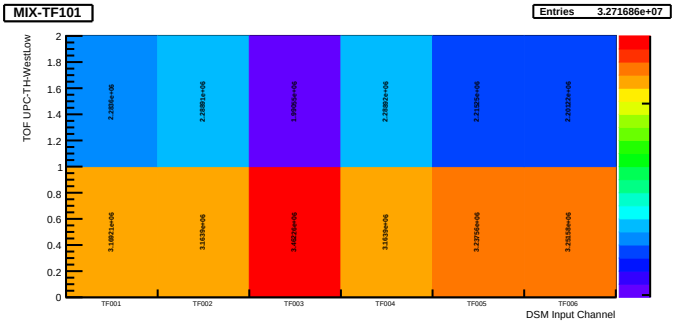

MIX-TF004
Entries 1.14509e+08
TOF MULT
TOF tray

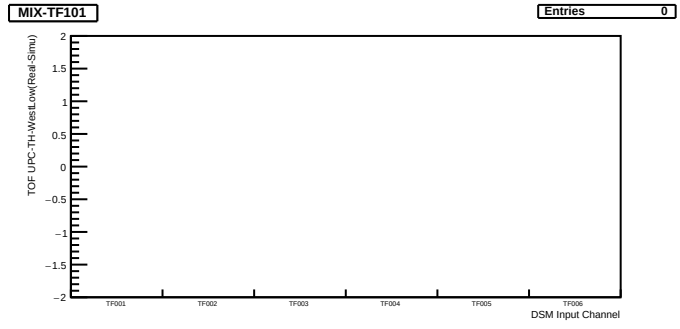

MIX-TF005
Entries 1.14509e+08
TOF MULT
TOF tray

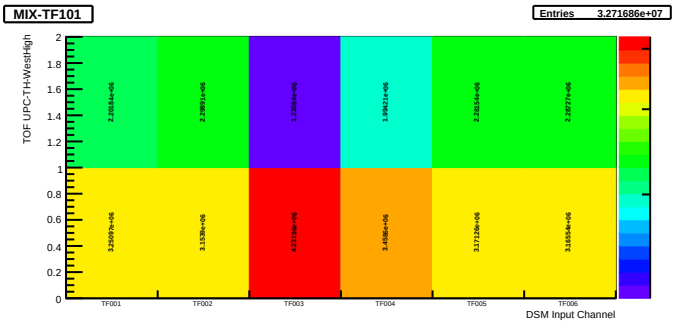

MIX-TF006
Entries 1.14509e+08
TOF MULT
TOF tray

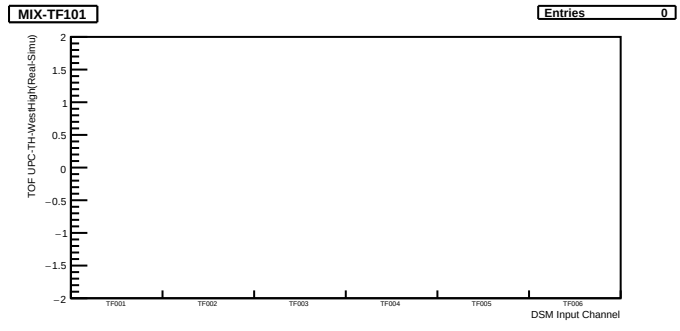

MIX-TF101
Entries 3.271686e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

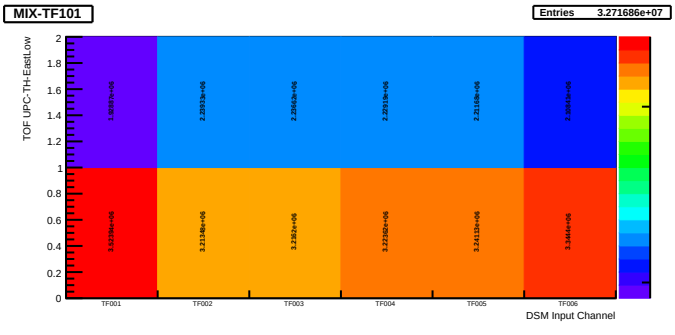

MIX-TF101
Entries 8348236
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

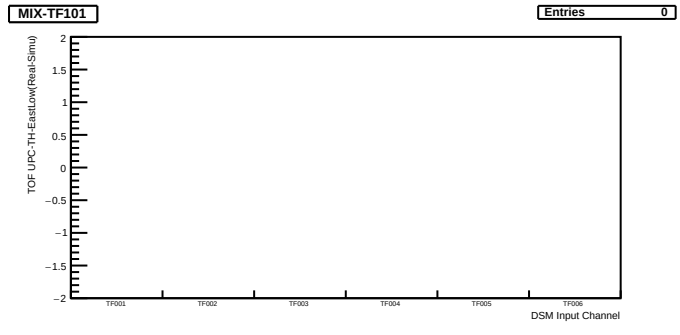

MIX-TF101
Entries 3.271686e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

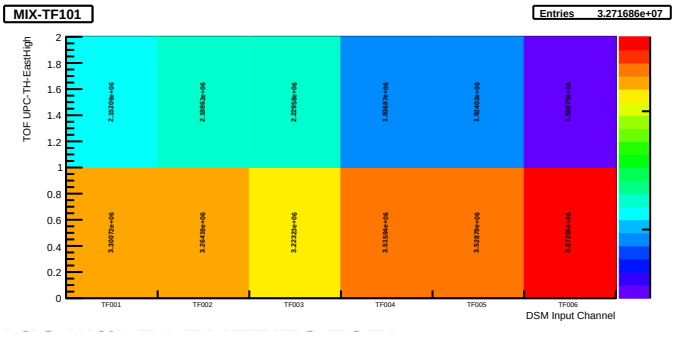

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

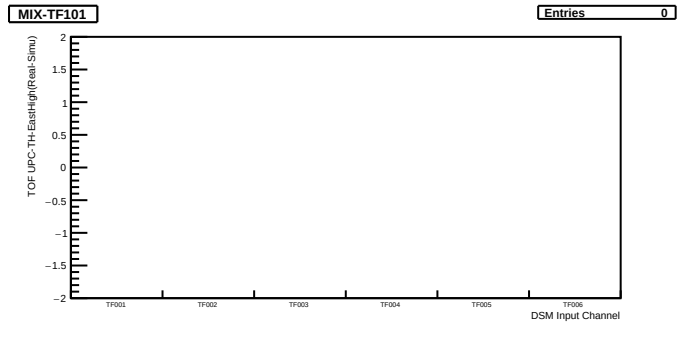

MIX-TF101
Entries 3.271686e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

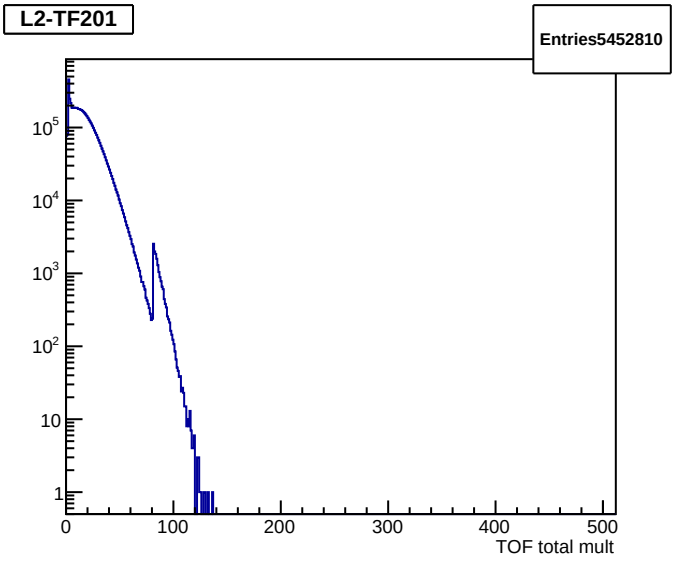

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

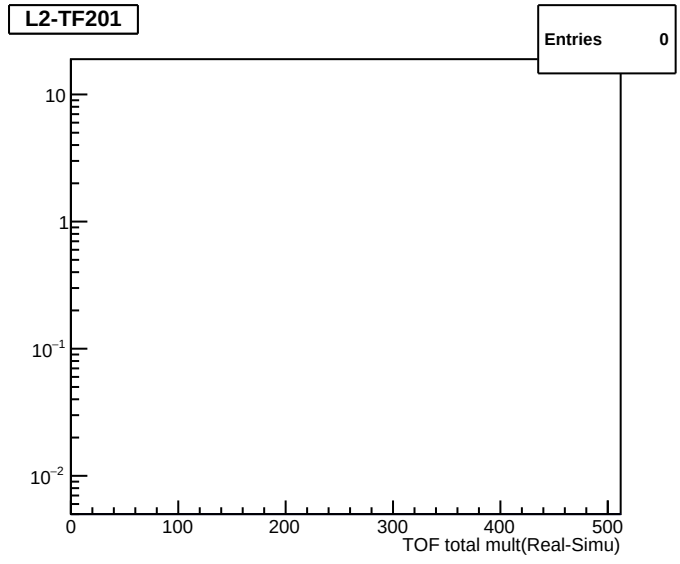

MIX-TF101
Entries 3.271686e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

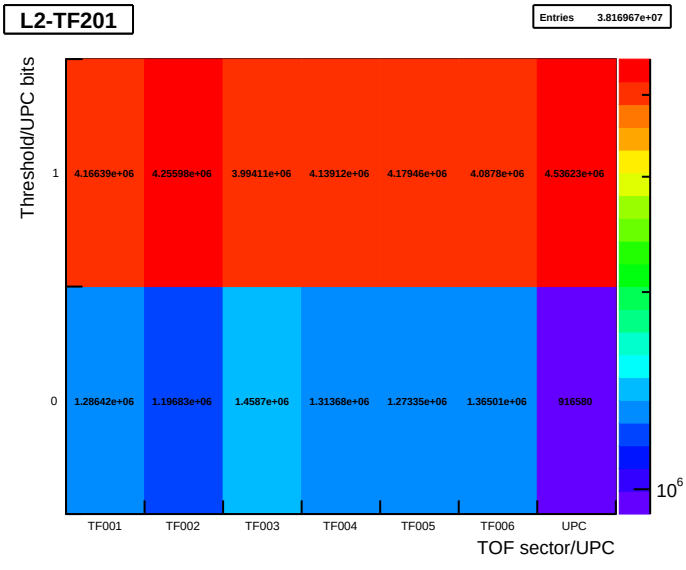

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

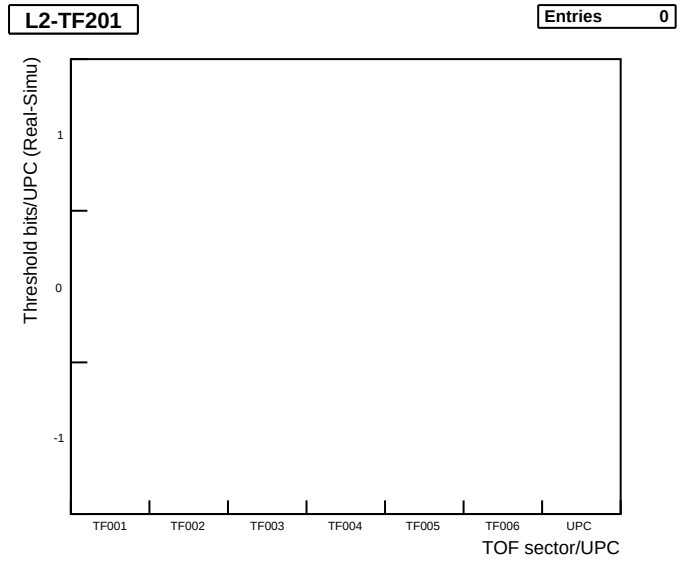

MIX-TF101
Entries 3.271686e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

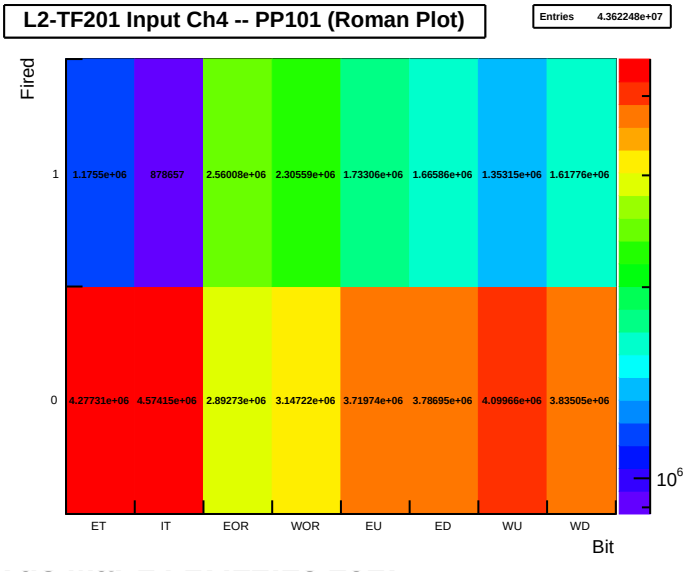

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

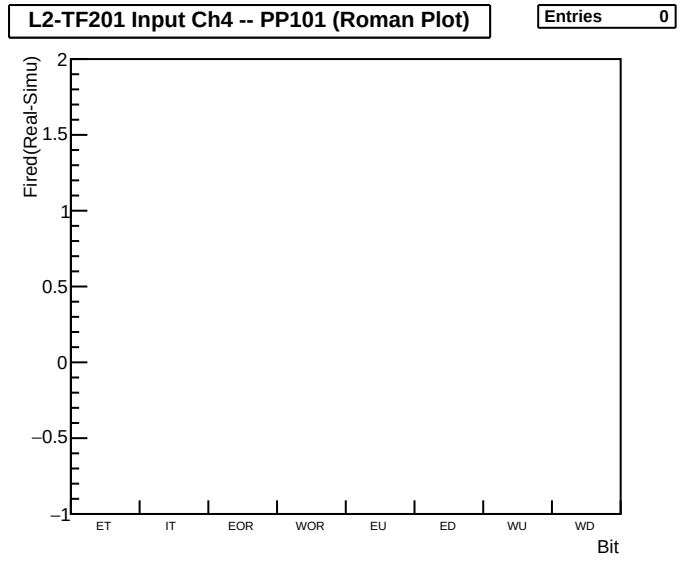

L2-TF201
Entries5452810
TOF total mult

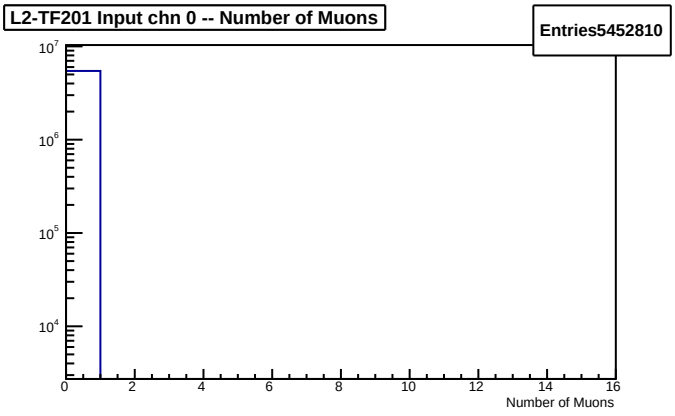

L2-TF201
Entries 0
TOF total mult(Real-Simu)

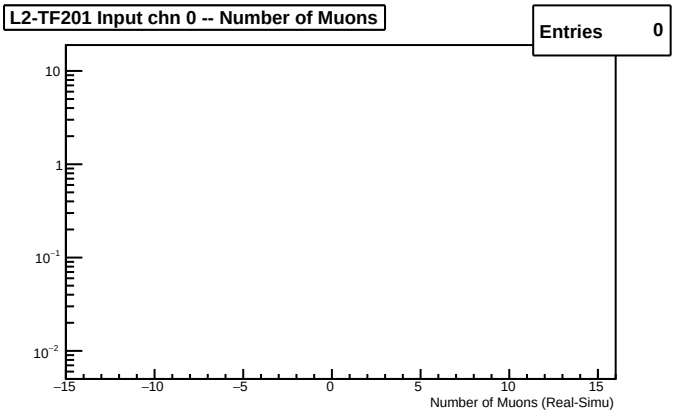

L2-TF201
Entries 3.816967e+07
Threshold/UPC bits
4.16639e+06
4.25598e+06
3.99411e+06
4.13912e+06
4.17946e+06
4.0878e+06
4.53623e+06
1.28642e+06
1.19683e+06
1.4587e+06
1.31368e+06
1.27335e+06
1.36501e+06
916580
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

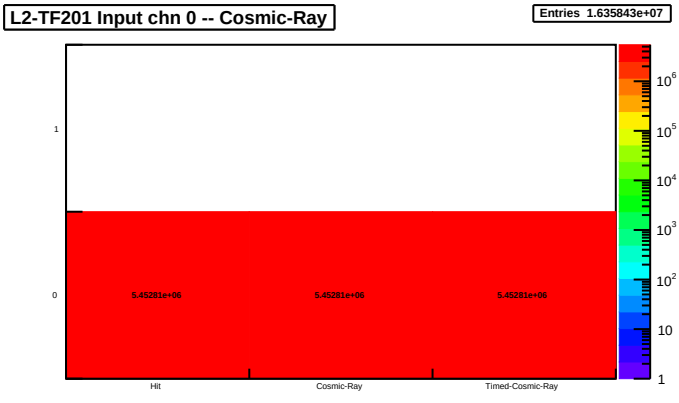

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

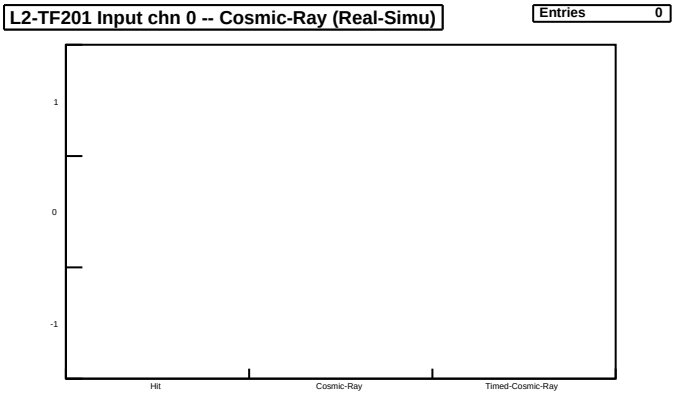

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.362248e+07
Fired
1.1755e+06
878657
2.56008e+06
2.30559e+06
1.73306e+06
1.66586e+06
1.35315e+06
1.61776e+06
4.27731e+06
4.57415e+06
2.89273e+06
3.14722e+06
3.71974e+06
3.78695e+06
4.09966e+06
3.83505e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

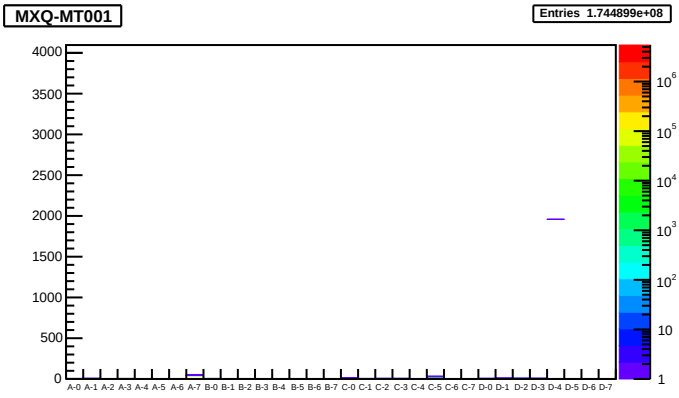

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

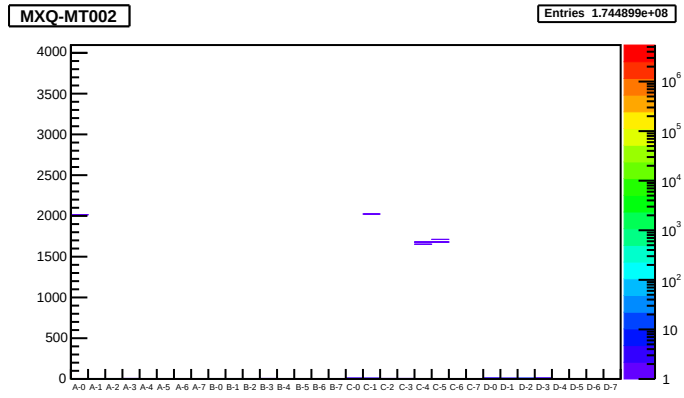

L2-TF201 Input chn 0 -- Number of Muons
Entries5452810
Number of Muons

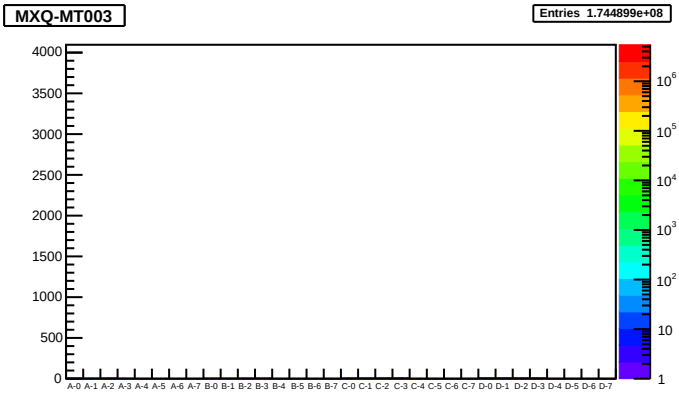

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

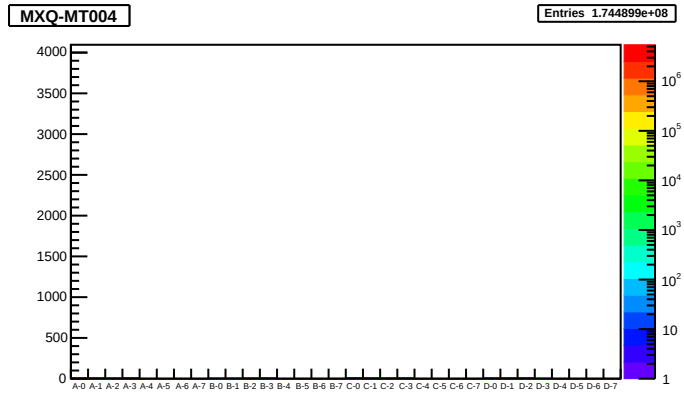

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.635843e+07
5.45281e+06
5.45281e+06
5.45281e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

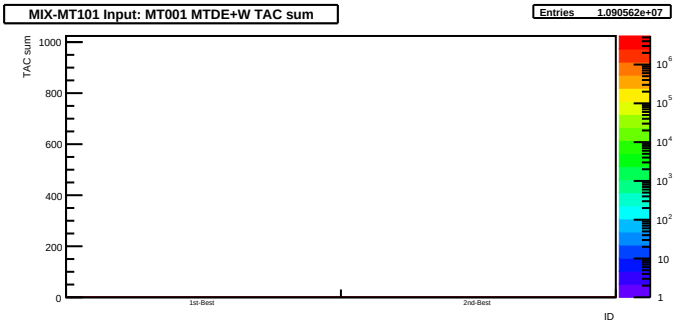

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

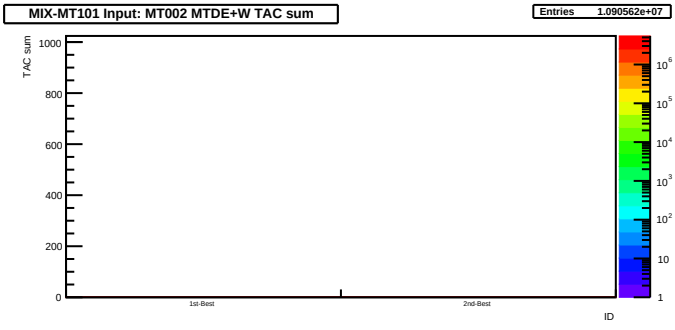

MXQ-MT001
Entries 1.744899e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

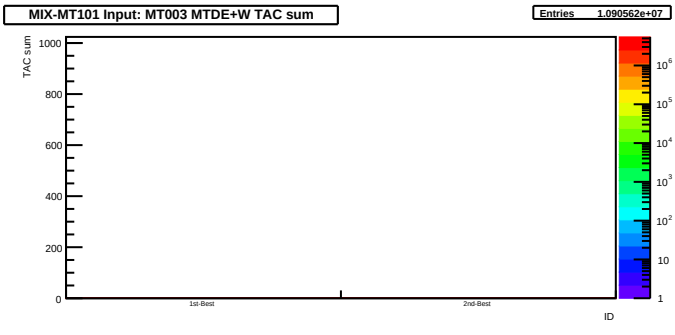

MXQ-MT002
Entries 1.744899e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

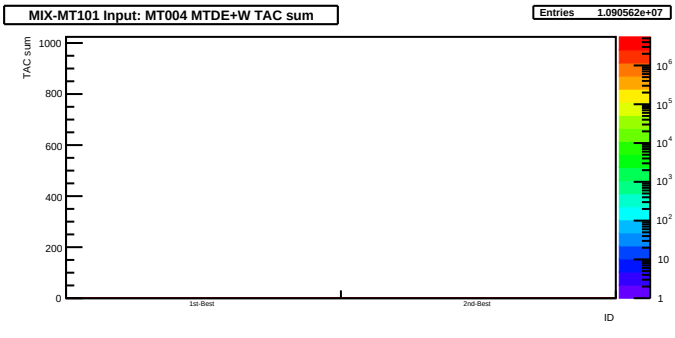

MXQ-MT003
Entries 1.744899e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

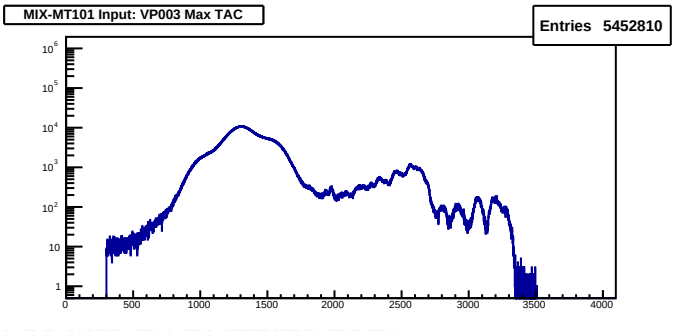

MXQ-MT004
Entries 1.744899e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

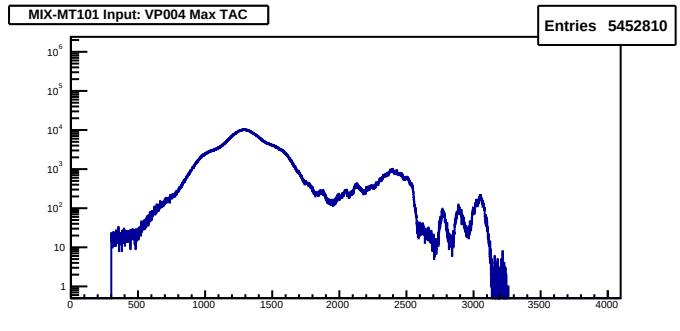

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.090562e+07
TAC sum
1st-Best
2nd-Best
ID

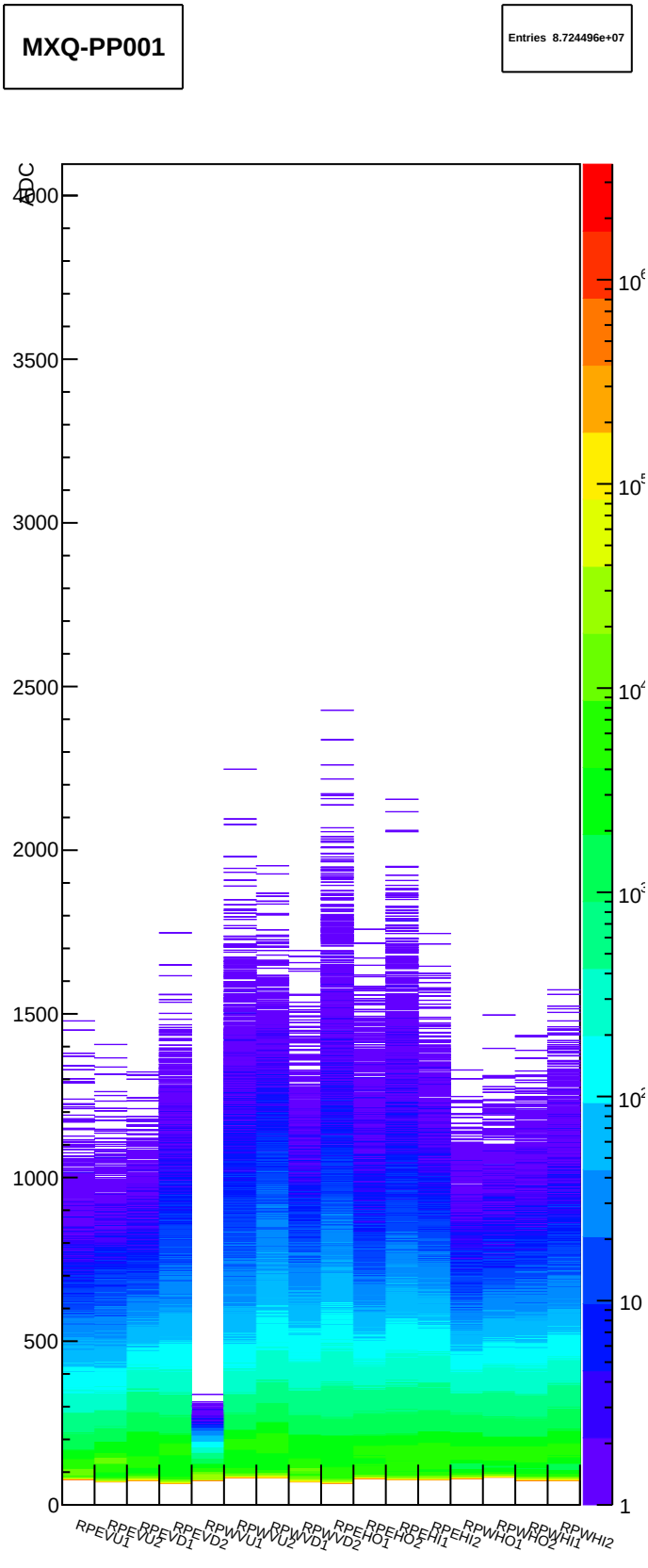

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.090562e+07
TAC sum
1st-Best
2nd-Best
ID

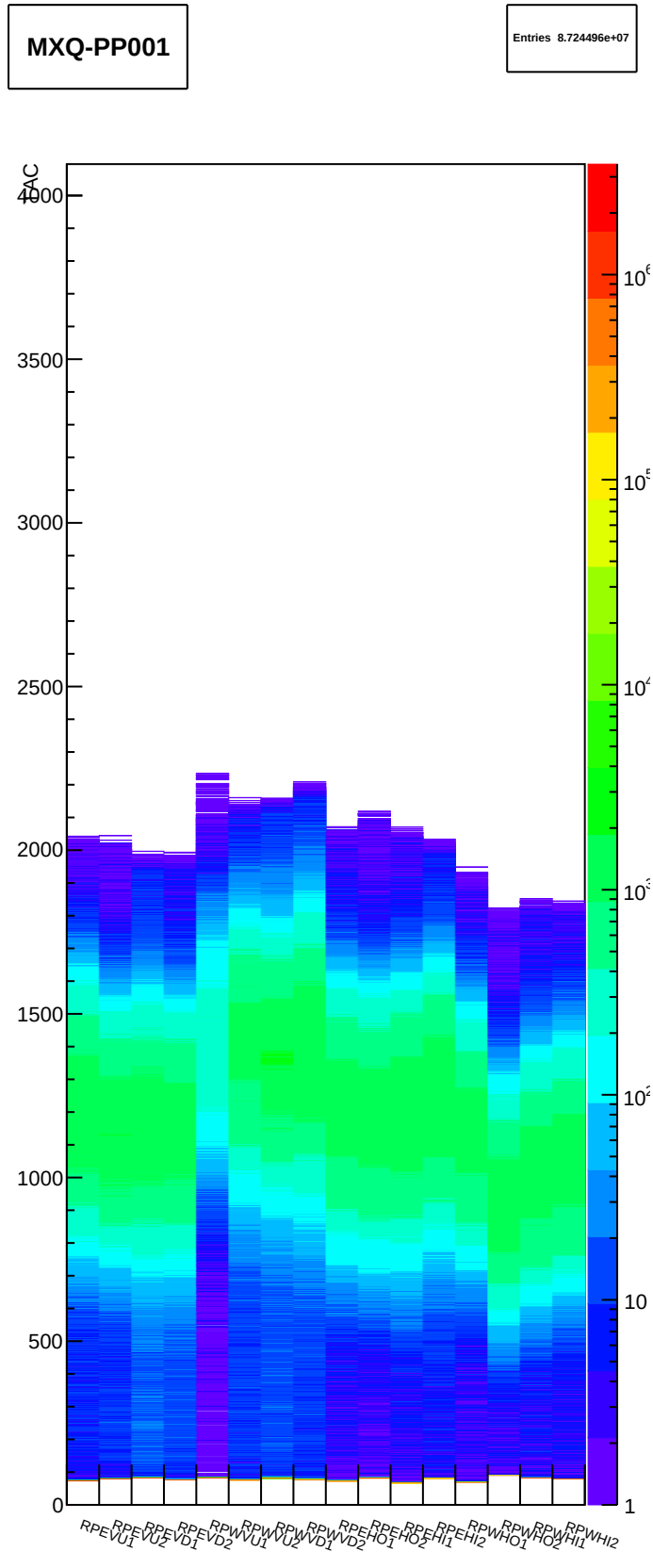

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.090562e+07
TAC sum
1st-Best
2nd-Best
ID

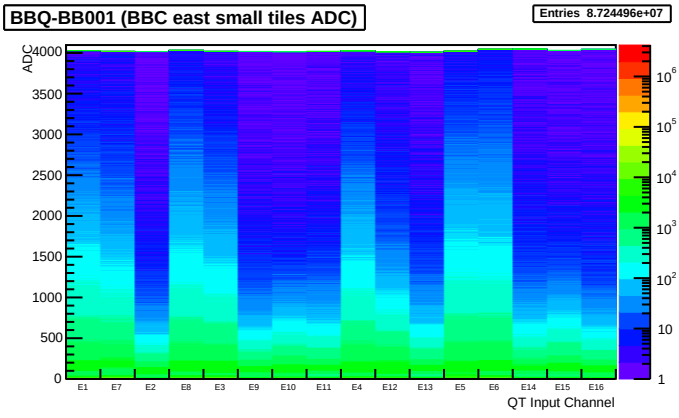

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.090562e+07
TAC sum
1st-Best
2nd-Best
ID

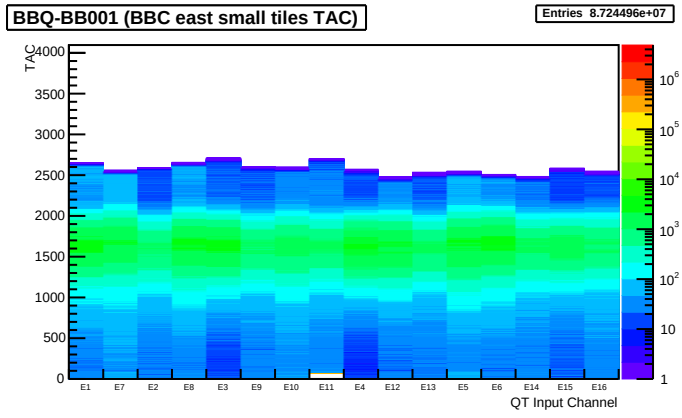

MIX-MT101 Input: VP003 Max TAC
Entries 5452810

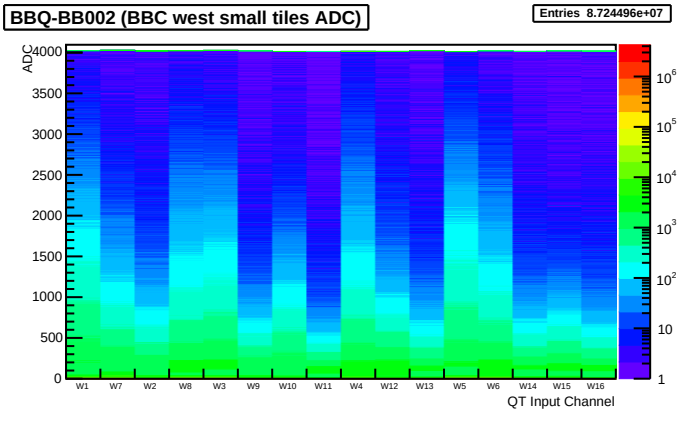

MIX-MT101 Input: VP004 Max TAC
Entries 5452810

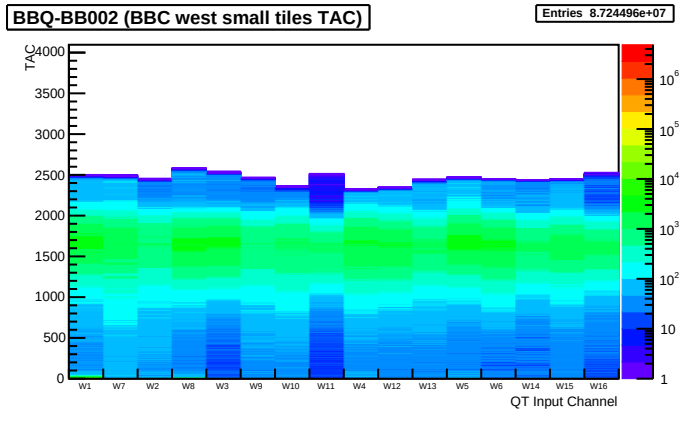

MXQ-PP001
Entries 8.724496e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

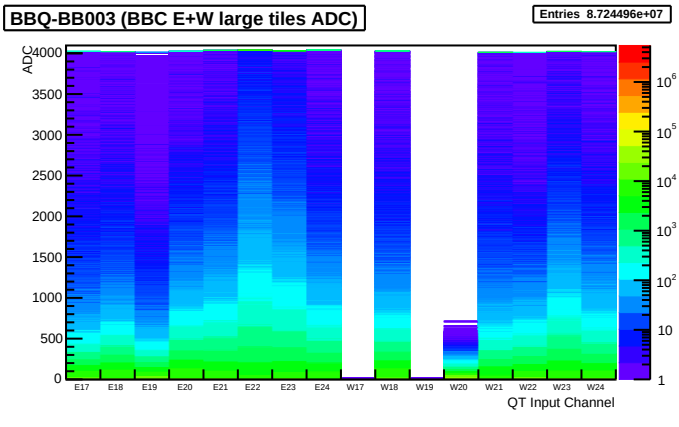

MXQ-PP001
Entries 8.724496e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

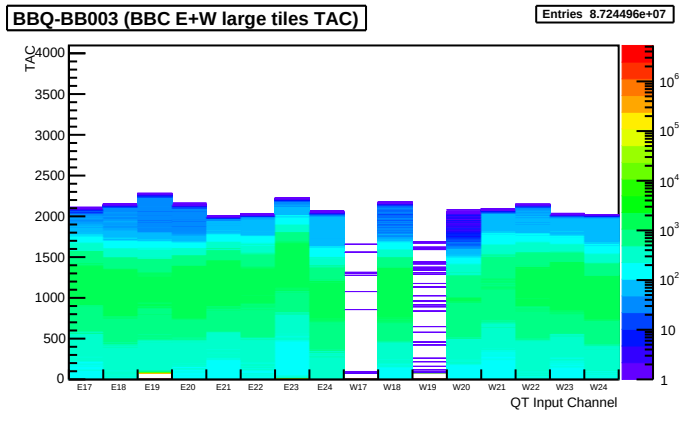

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.724496e+07
ADC
QT Input Channel

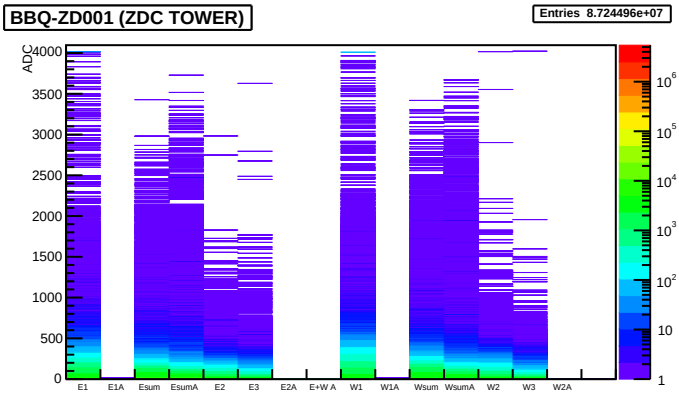

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.724496e+07
TAC
QT Input Channel

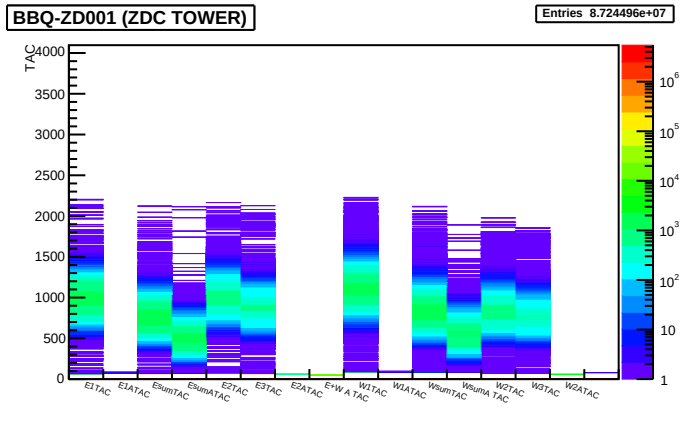

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.724496e+07
ADC
QT Input Channel

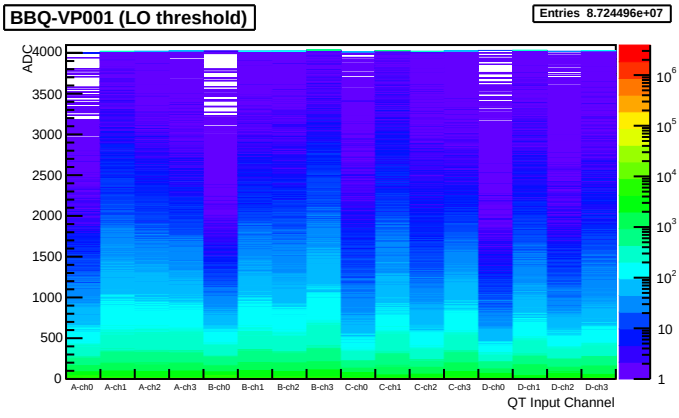

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.724496e+07
TAC
QT Input Channel

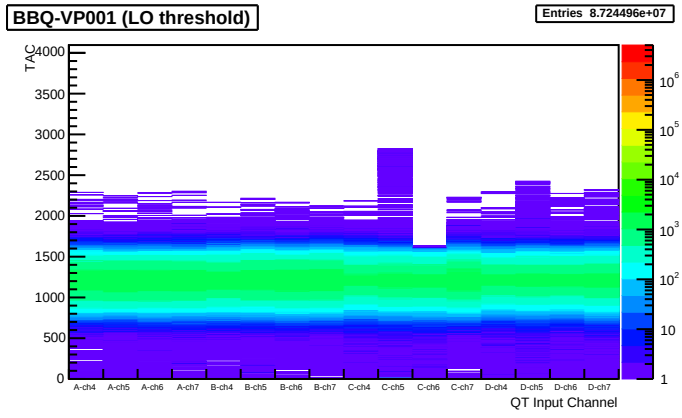

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.724496e+07
ADC
QT Input Channel

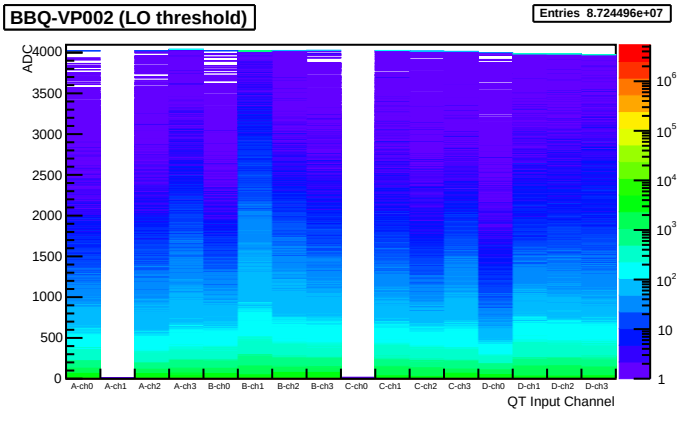

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.724496e+07
TAC
QT Input Channel

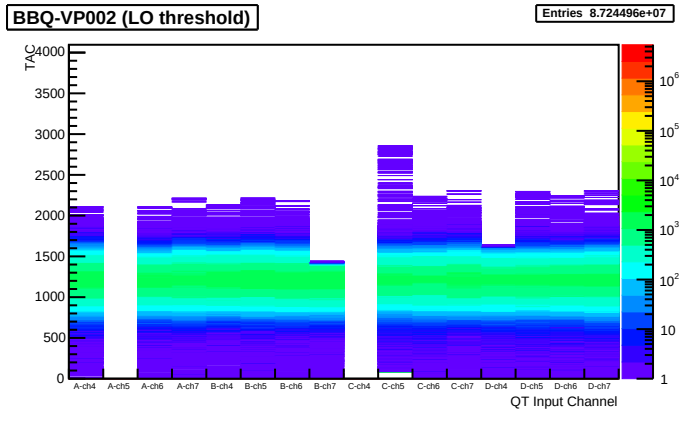

BBQ-ZD001 (ZDC TOWER)
Entries 8.724496e+07
ADC

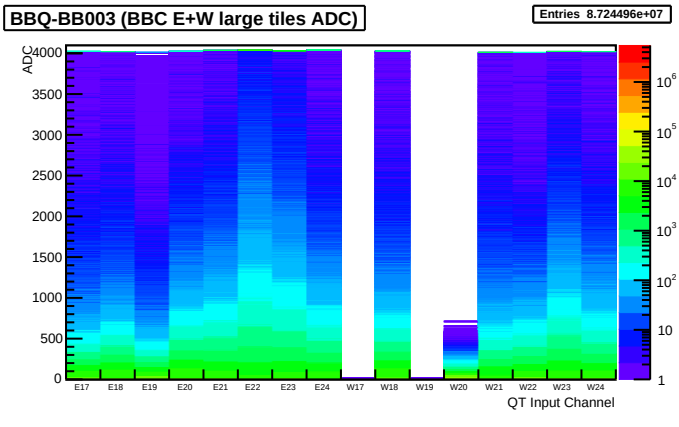

BBQ-ZD001 (ZDC TOWER)
Entries 8.724496e+07
TAC

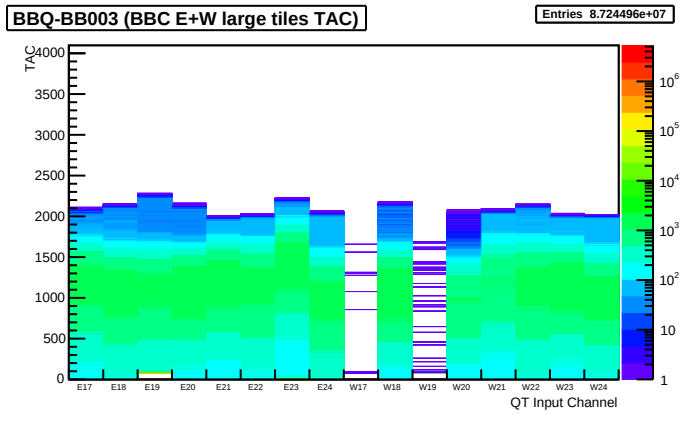

BBQ-VP001 (LO threshold)
Entries 8.724496e+07
ADC
QT Input Channel

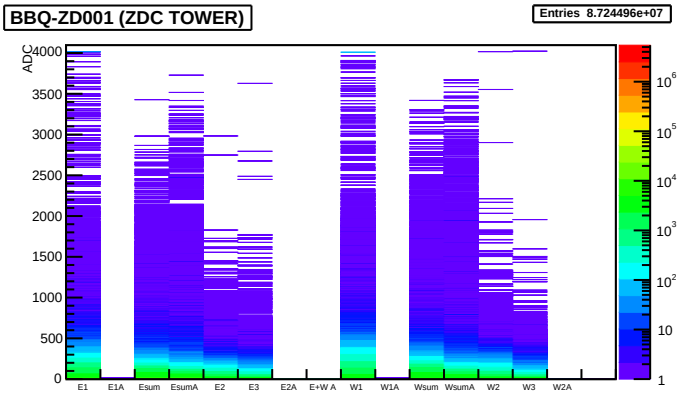

BBQ-VP001 (LO threshold)
Entries 8.724496e+07
TAC
QT Input Channel

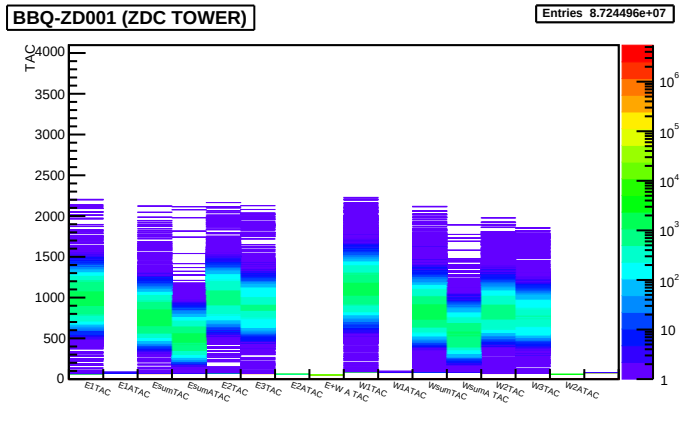

BBQ-VP002 (LO threshold)
Entries 8.724496e+07
ADC
QT Input Channel

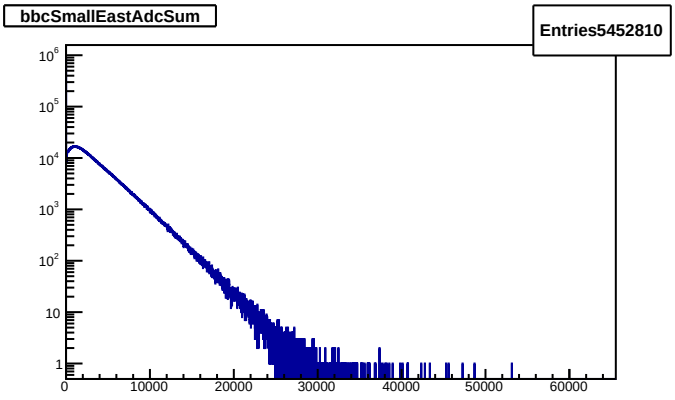

BBQ-VP002 (LO threshold)
Entries 8.724496e+07
TAC
QT Input Channel

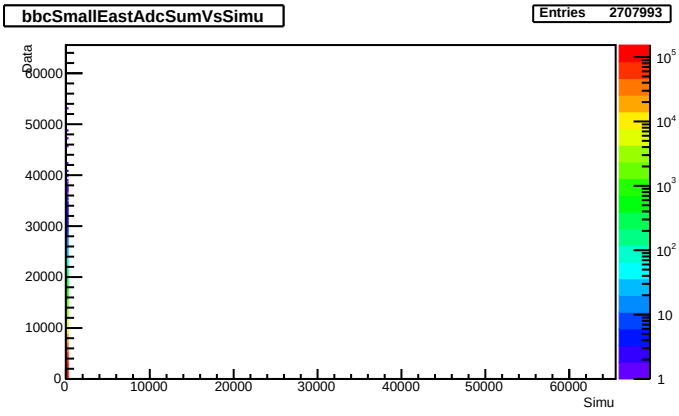

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.724496e+07
ADC
QT Input Channel

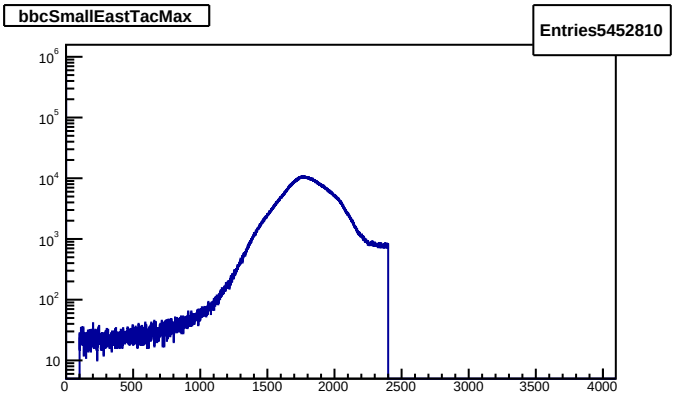

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.724496e+07
TAC
QT Input Channel

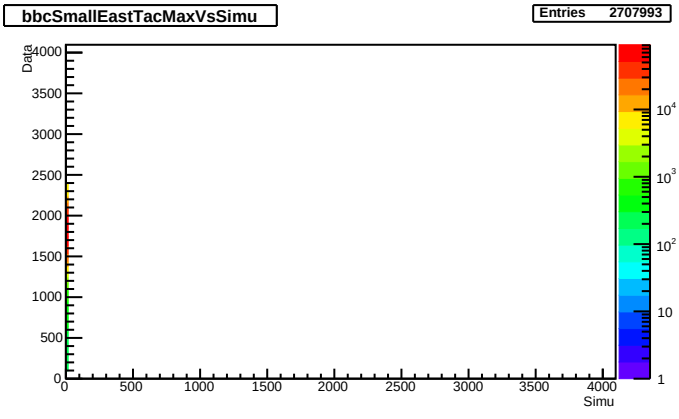

BBQ-ZD001 (ZDC TOWER)
Entries 8.724496e+07
ADC

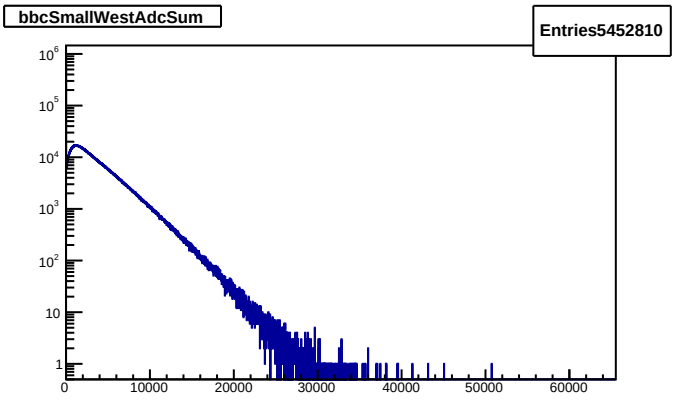

BBQ-ZD001 (ZDC TOWER)
Entries 8.724496e+07
TAC

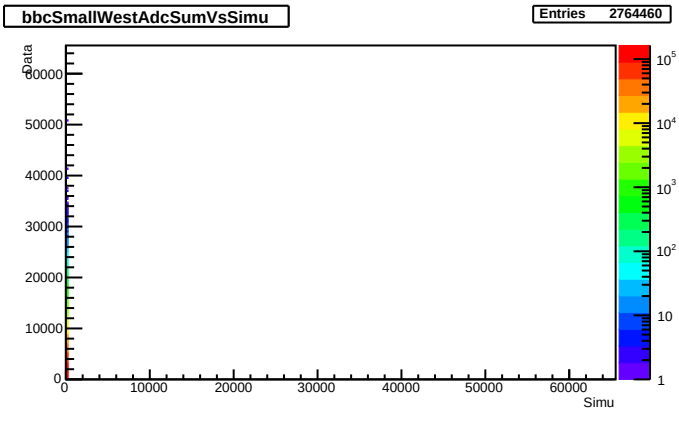

bbcSmallEastAdcSum
Entries5452810

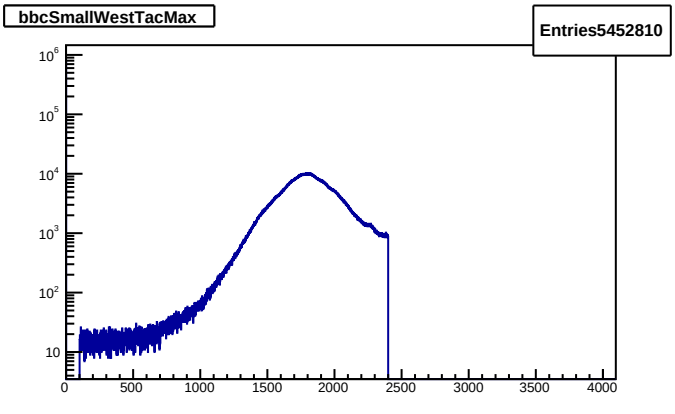

bbcSmallEastAdcSumVsSimu
Entries 2707993
Data
Simu

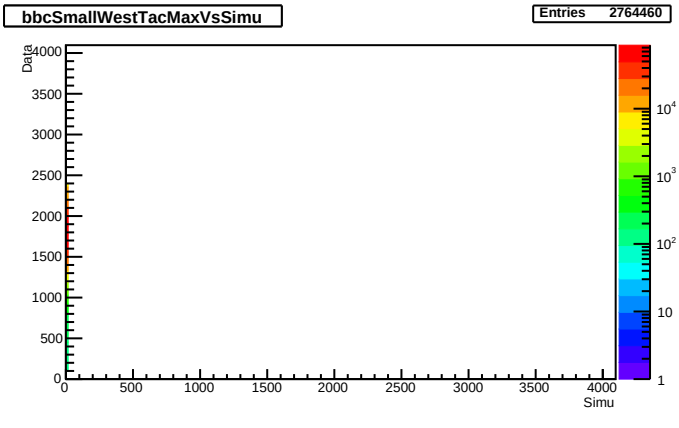

bbcSmallEastTacMax
Entries5452810

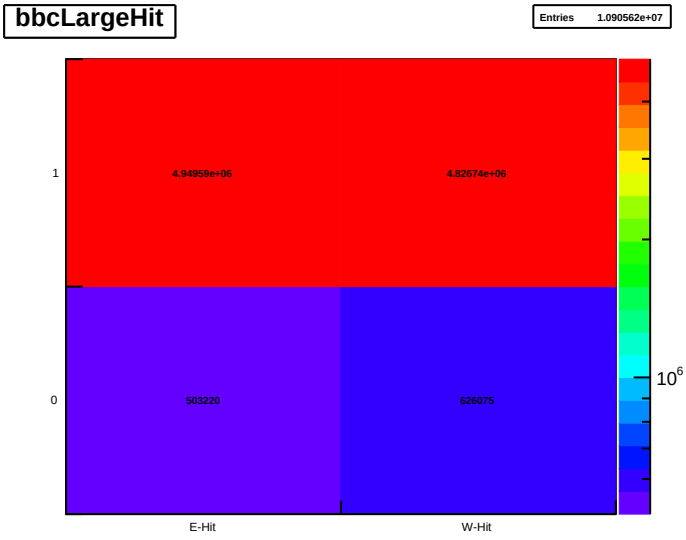

bbcSmallEastTacMaxVsSimu
Entries 2707993
Data
Simu

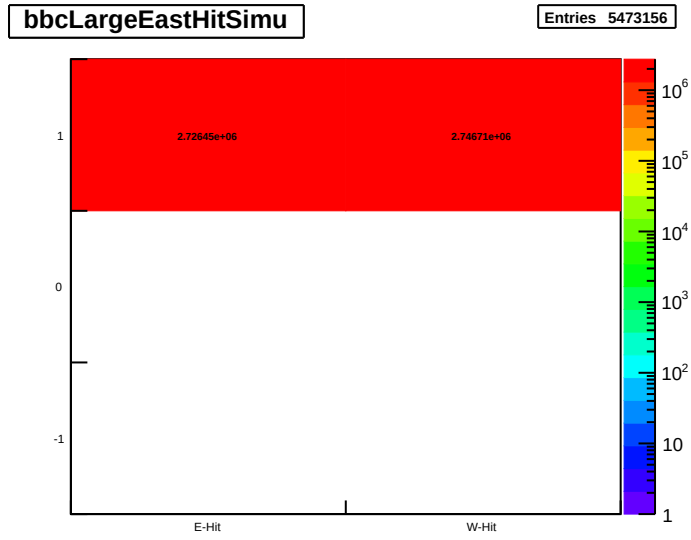

bbcSmallWestAdcSum
Entries5452810

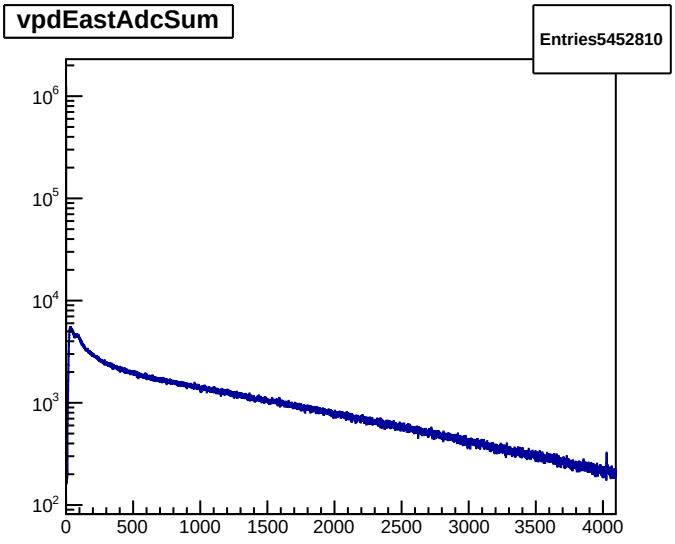

bbcSmallWestAdcSumVsSimu
Entries 2764460
Data
Simu

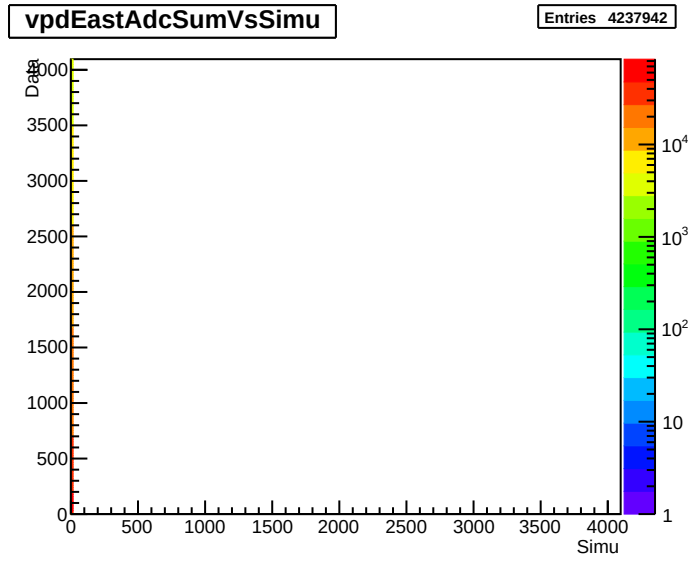

bbcSmallWestTacMax
Entries5452810

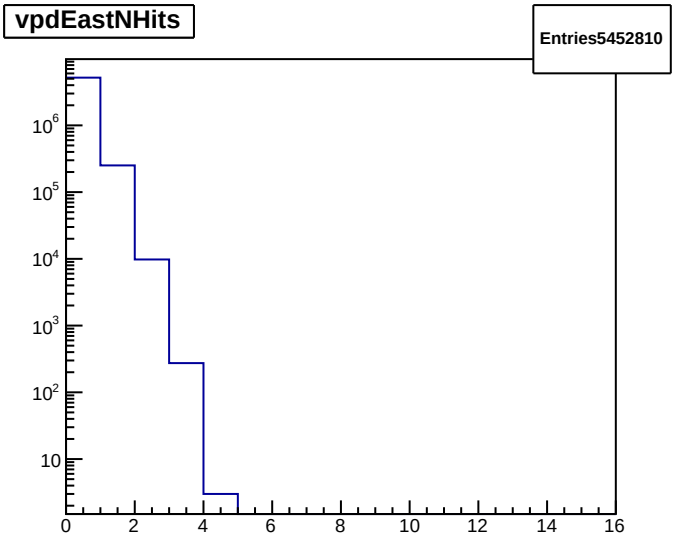

bbcSmallWestTacMaxVsSimu
Entries 2764460
Data
Simu

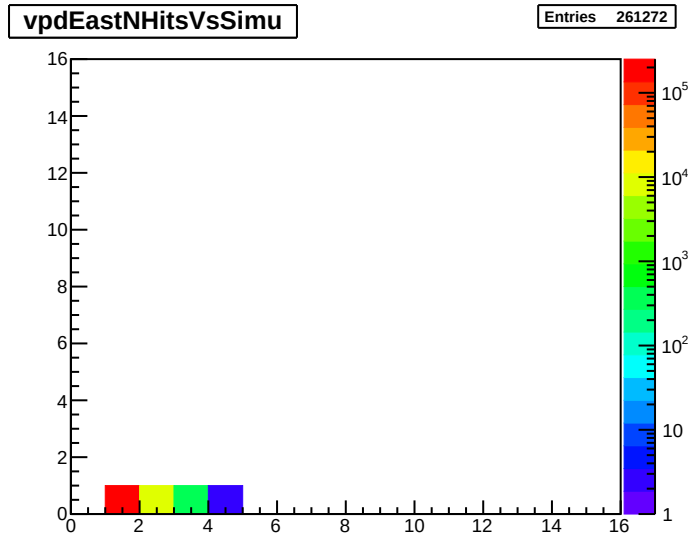

bbcLargeHit
Entries 1.090562e+07
1
0
4.94959e+06
4.82674e+06
503220
626075
E-Hit
W-Hit
10^6

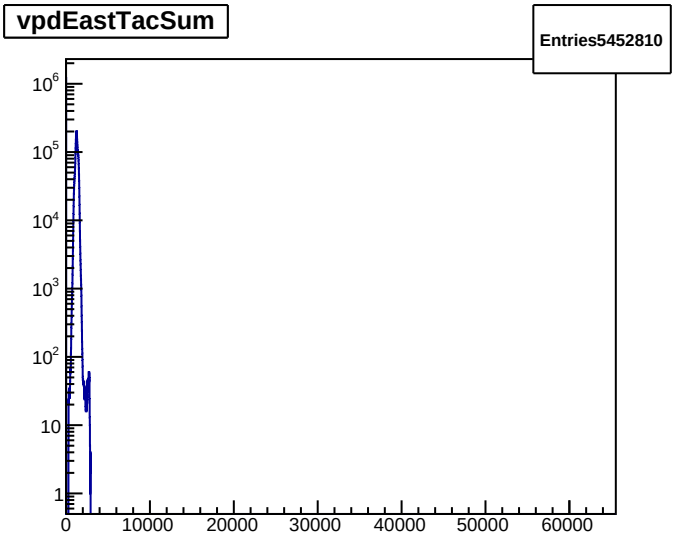

bbcLargeEastHitSimu
Entries 5473156
1
0
-1
2.72645e+06
2.74671e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

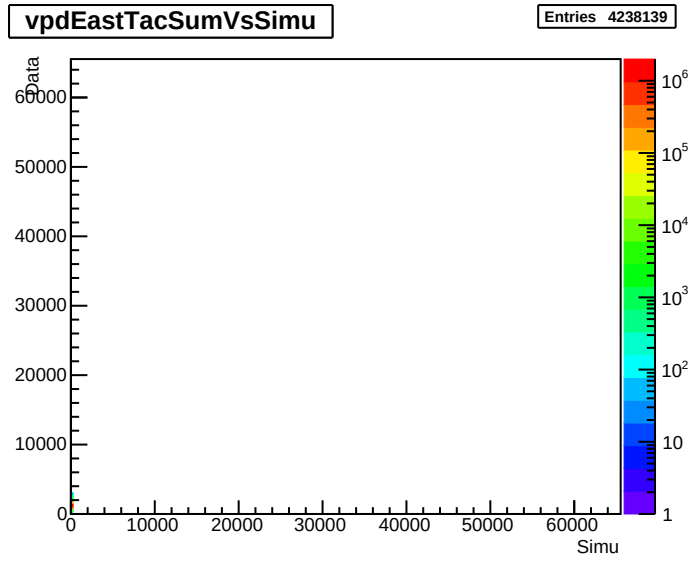

vpdEastAdcSum
Entries5452810

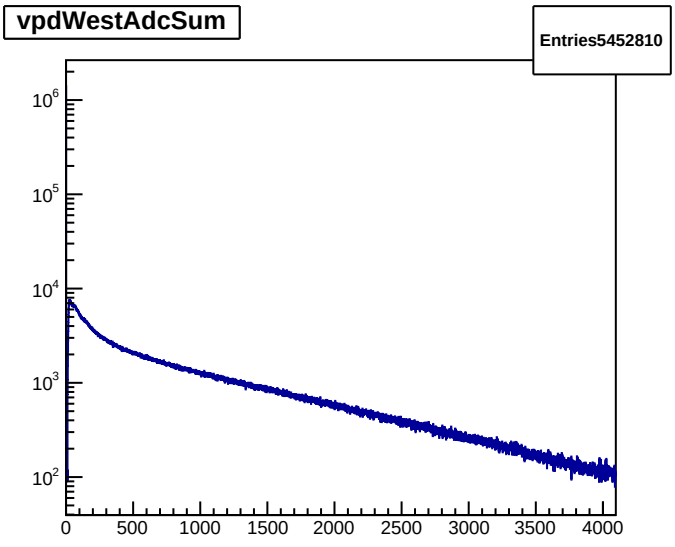

vpdEastAdcSumVsSimu
Entries 4237942
Data
Simu

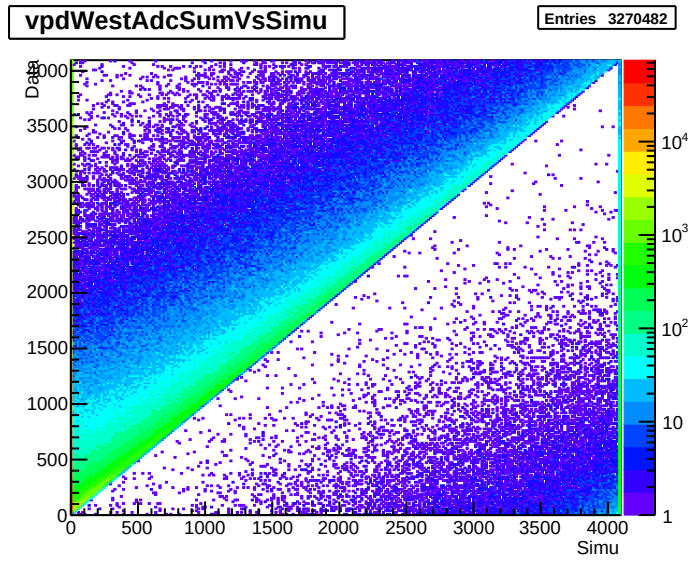

vpdEastNHits
Entries5452810

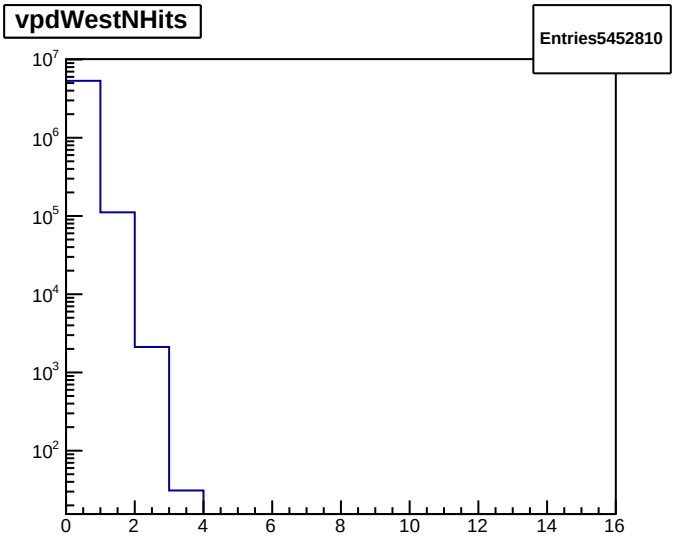

vpdEastNHitsVsSimu
Entries 261272

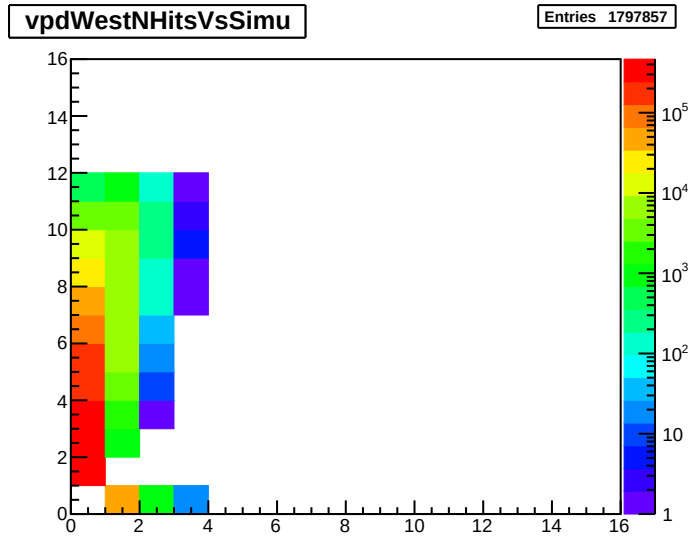

vpdEastTacSum
Entries5452810

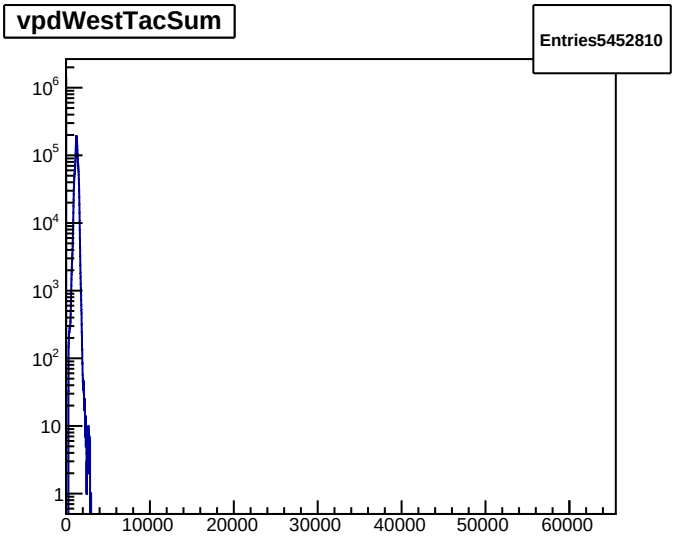

vpdEastTacSumVsSimu
Entries 4238139
Data
Simu

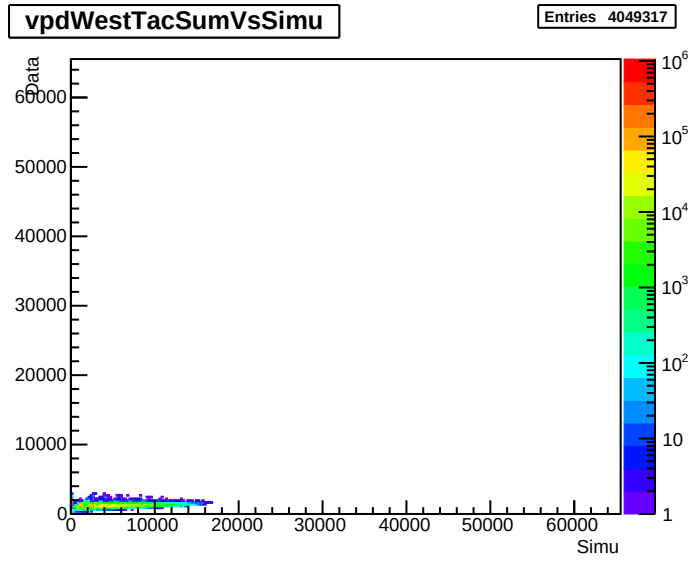

vpdWestAdcSum
Entries5452810

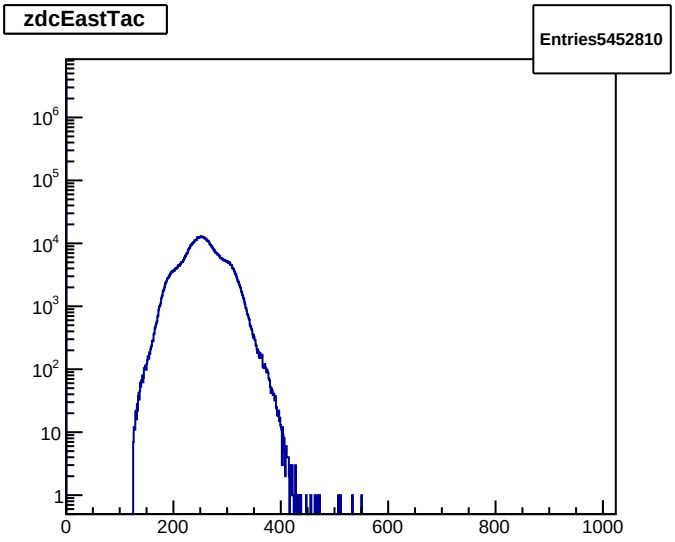

vpdWestAdcSumVsSimu
Entries 3270482
Data
Simu

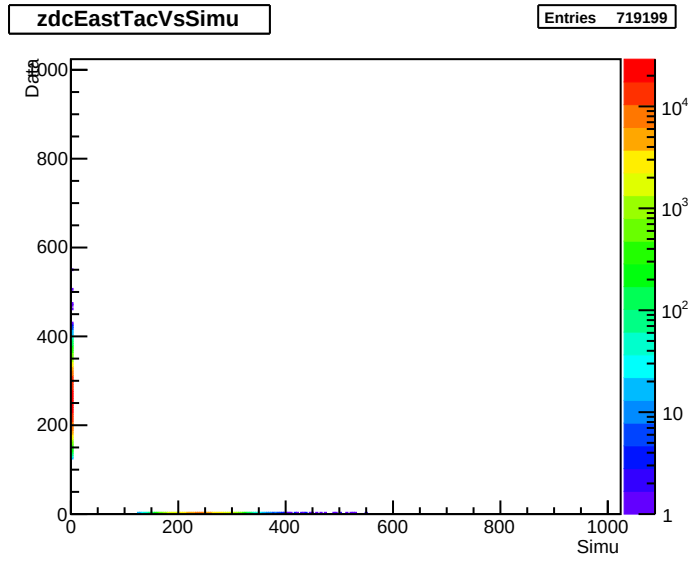

vpdWestNHits
Entries5452810

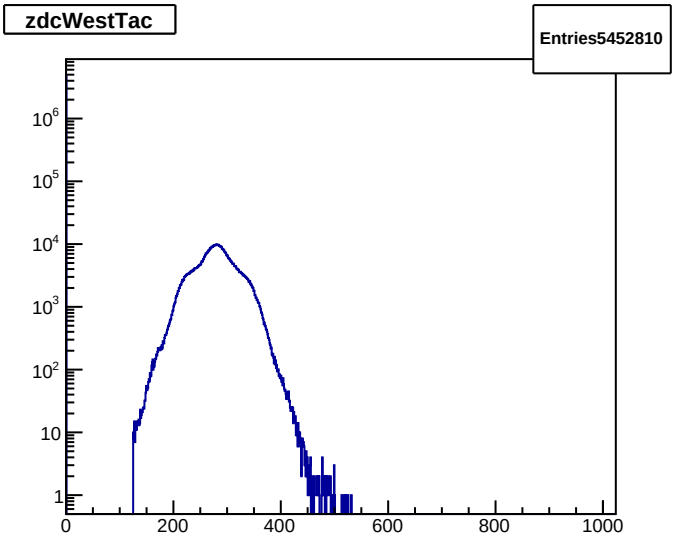

vpdWestNHitsVsSimu
Entries 1797857

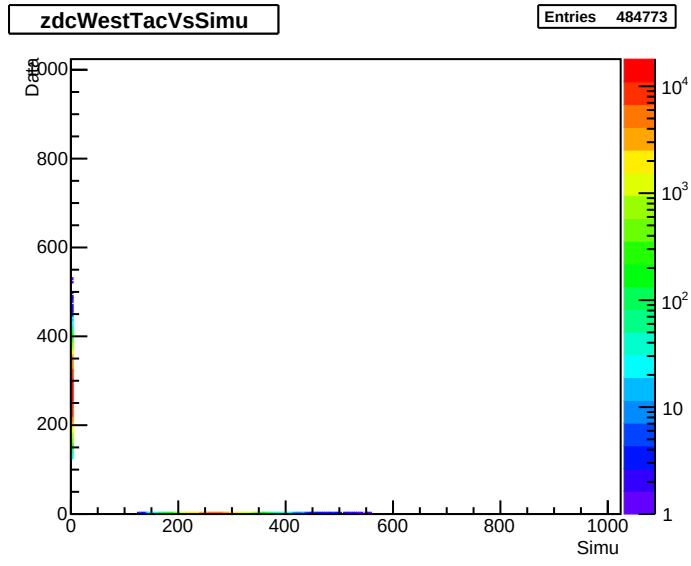

vpdWestTacSum
Entries5452810

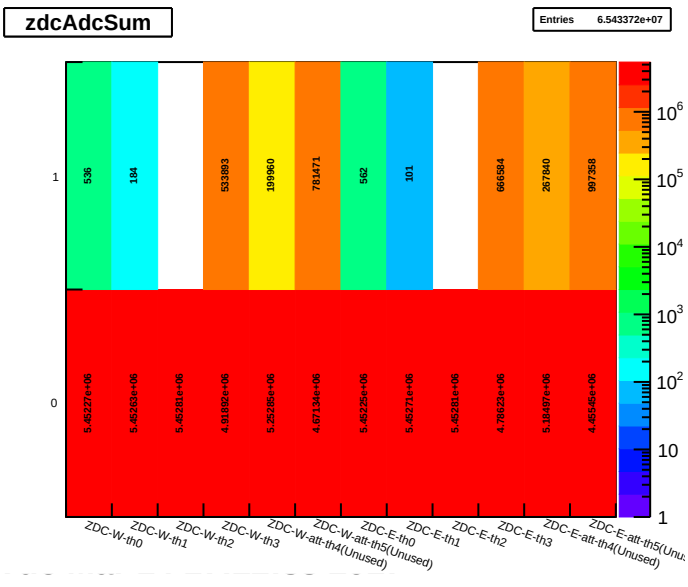

vpdWestTacSumVsSimu
Entries 4049317
Data
Simu

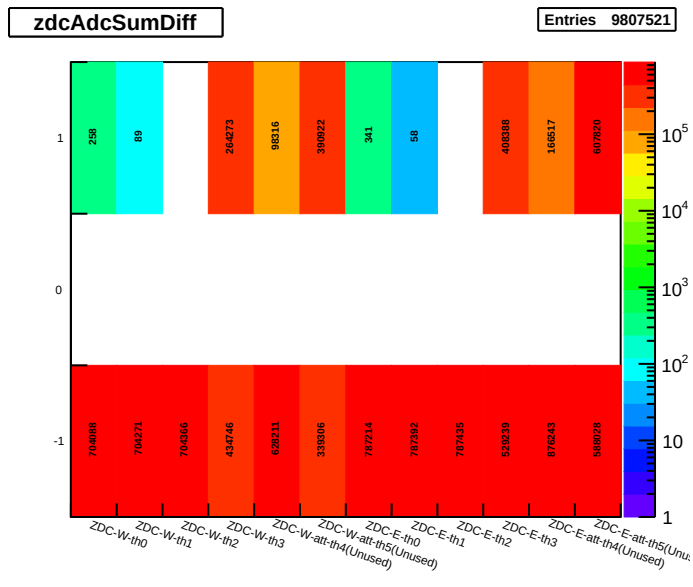

zdcEastTac
Entries5452810

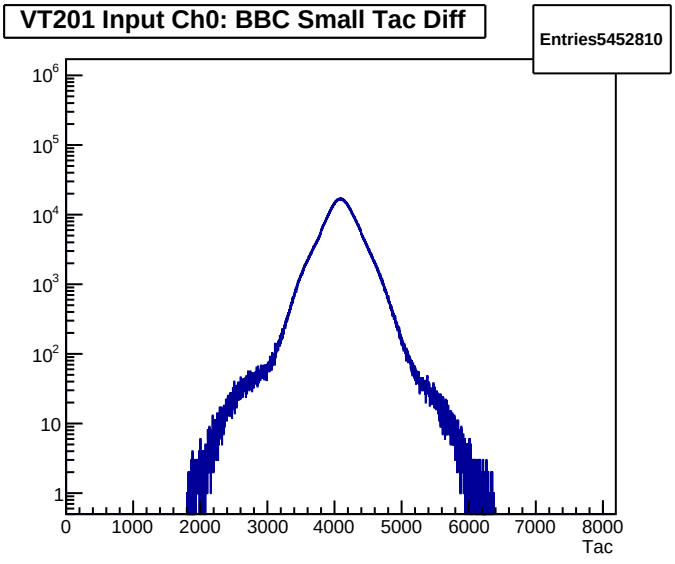

zdcEastTacVsSimu
Entries 719199
Data
Simu

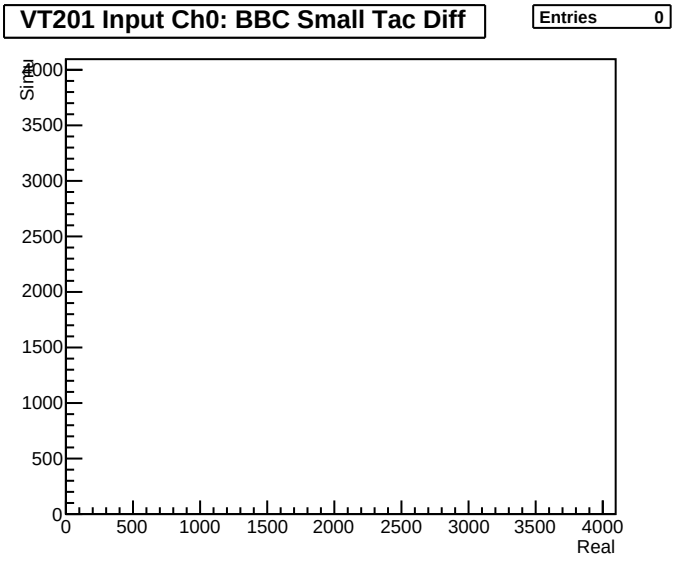

zdcWestTac
Entries5452810

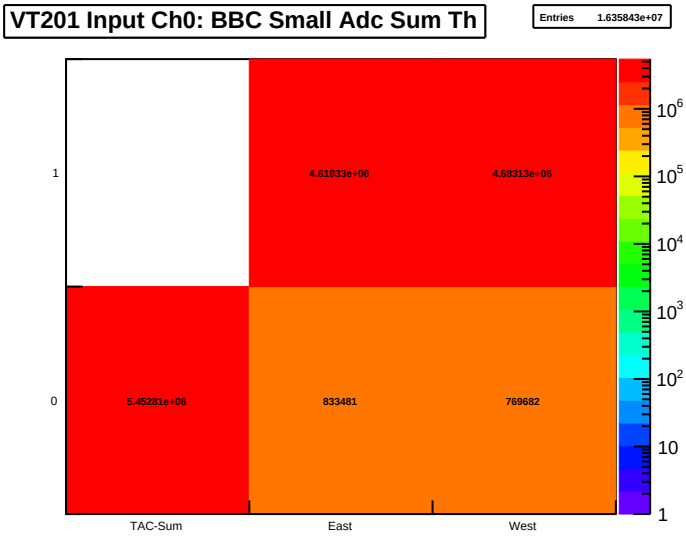

zdcWestTacVsSimu
Entries 484773
Data
Simu

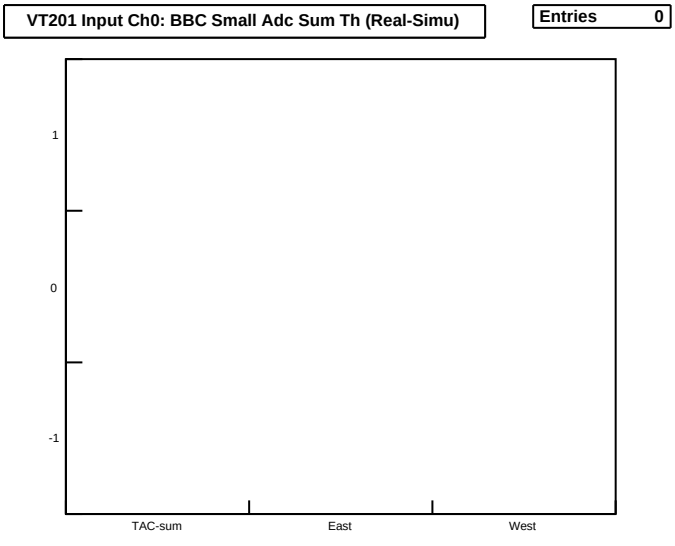

zdcAdcSum
Entries 6.543372e+07
536
184
533893
199960
781471
562
101
666584
267840
997358
5.45227e+06
5.45263e+06
5.45281e+06
4.91892e+06
5.25285e+06
4.67134e+06
5.45225e+06
5.45271e+06
5.45281e+06
4.78623e+06
5.19497e+06
4.45545e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

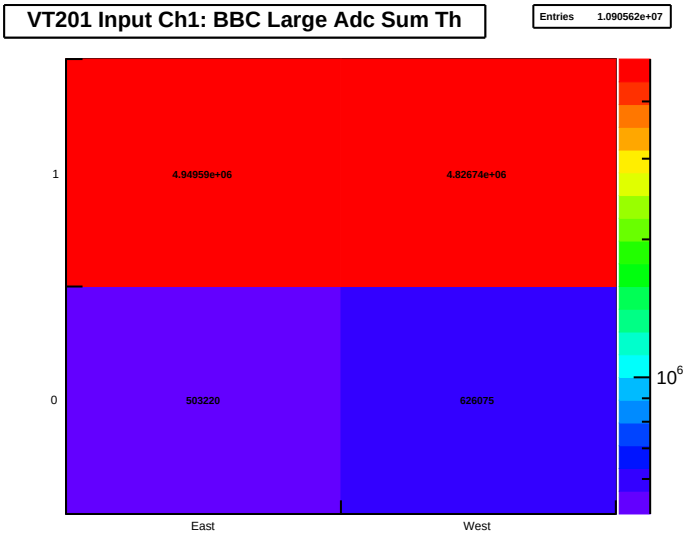

zdcAdcSumDiff
Entries 9807521
258
89
264273
98316
390822
341
58
408388
166517
607820
704088
704271
704366
434746
628211
333306
787214
787392
787435
529239
876243
589828
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

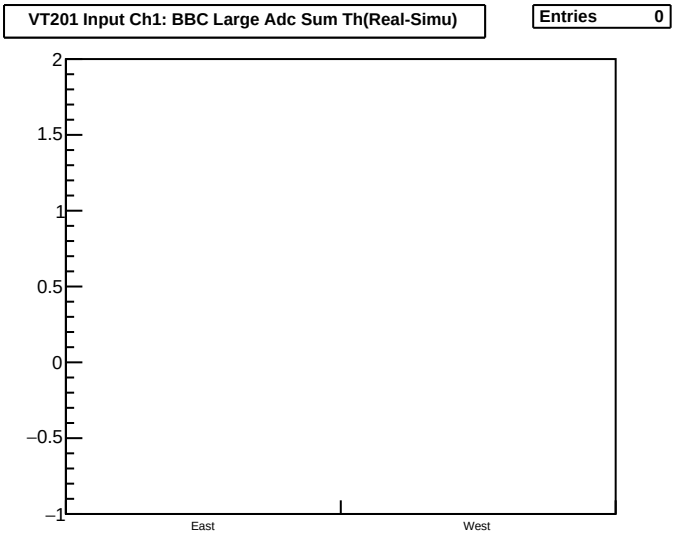

VT201 Input Ch0: BBC Small Tac Diff
Entries5452810
Tac


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

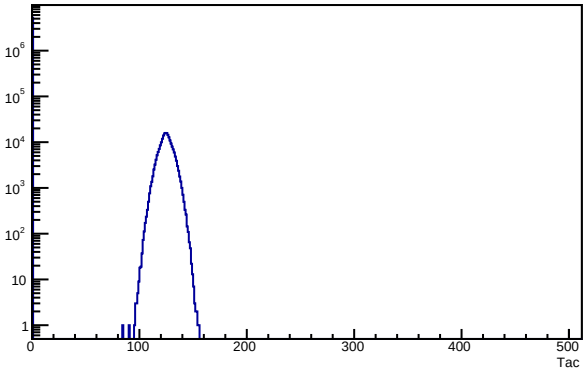

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.635843e+07
4.61933e+06
4.68313e+06
5.45281e+06
833481
769682
TAC-Sum
East
West


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

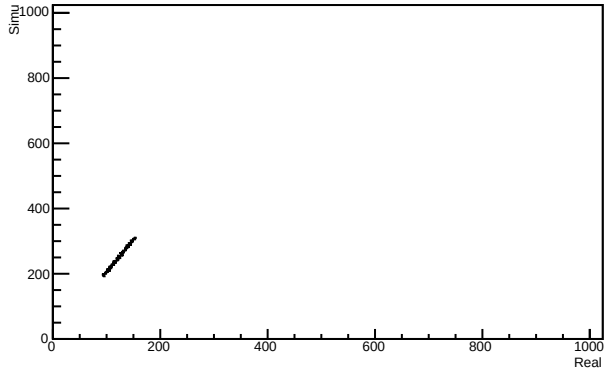

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.090562e+07
4.94959e+06
4.82674e+06
503220
626075
East
West


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

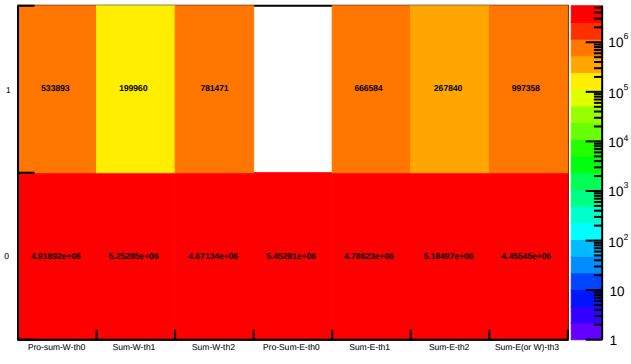
VT201 Input Ch2: ZDC Tac Diff



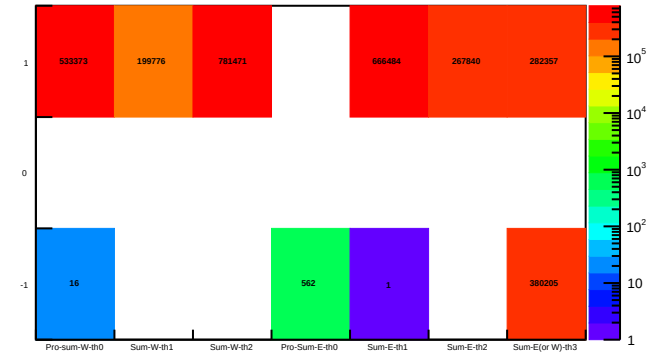
VT201 Input Ch2: ZDC Tac Diff



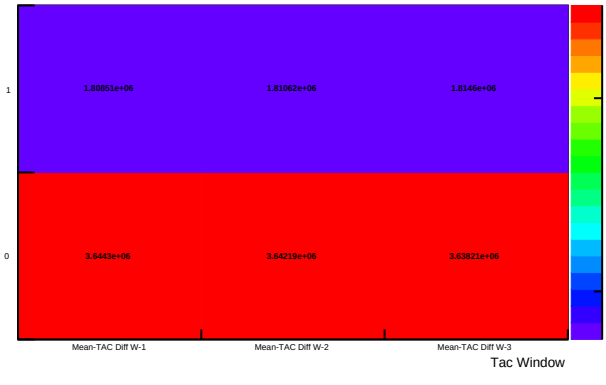
VT201 Input Ch2: ZDC Adc Sum Th



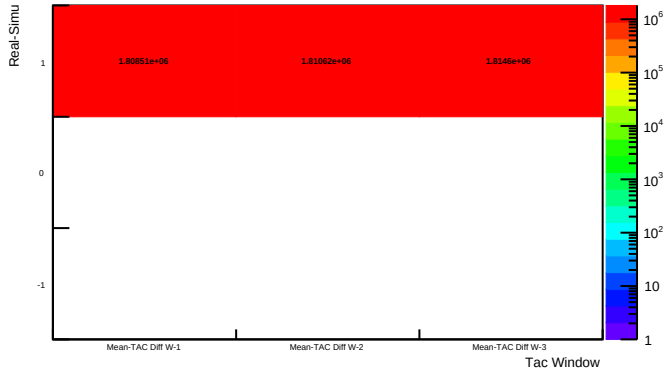
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



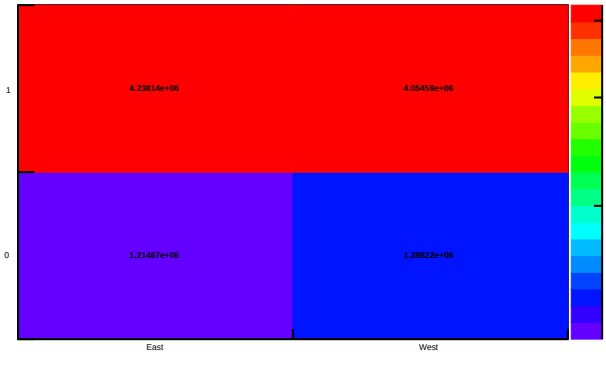
VT201 Input Ch4: VPD Tac Diff



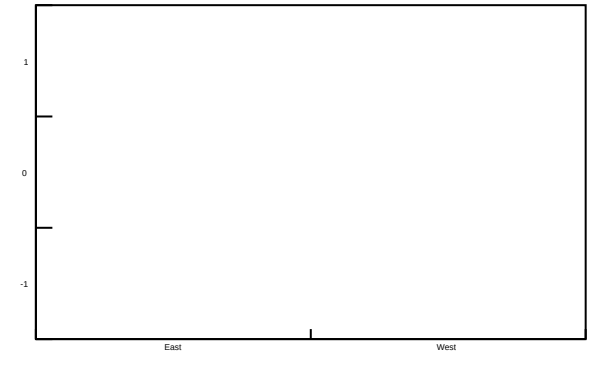
VT201 Input Ch4: VPD Tac Diff

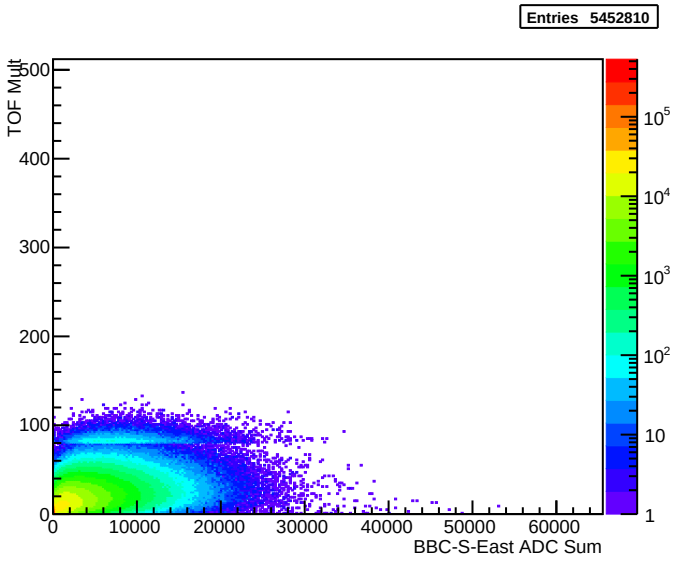


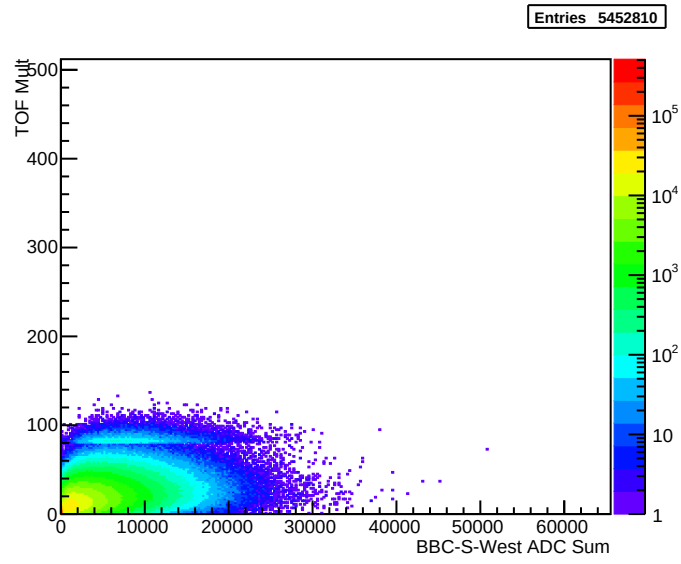
VT201 Input Ch4: VPD Adc Sum Th

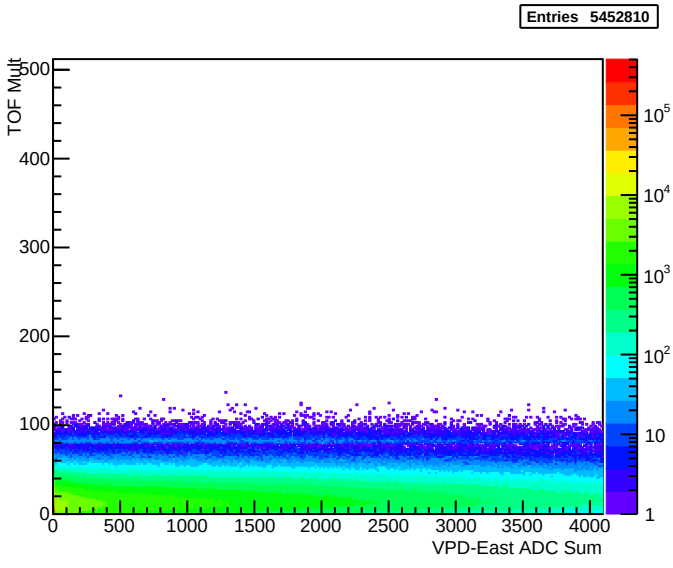


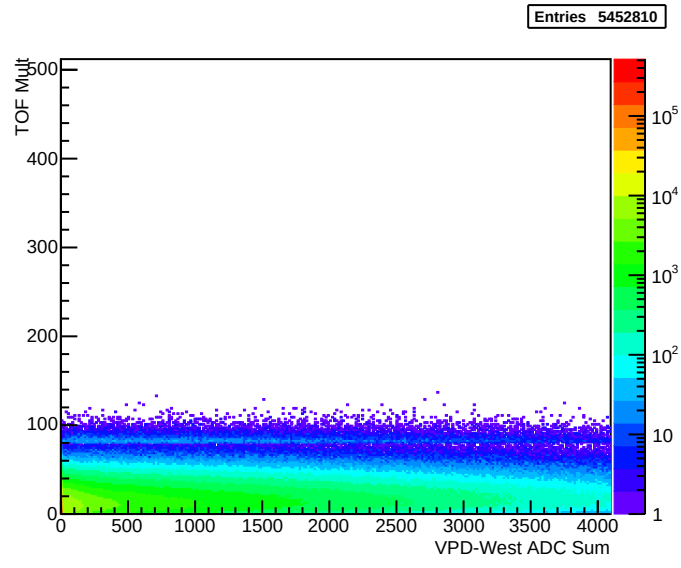
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

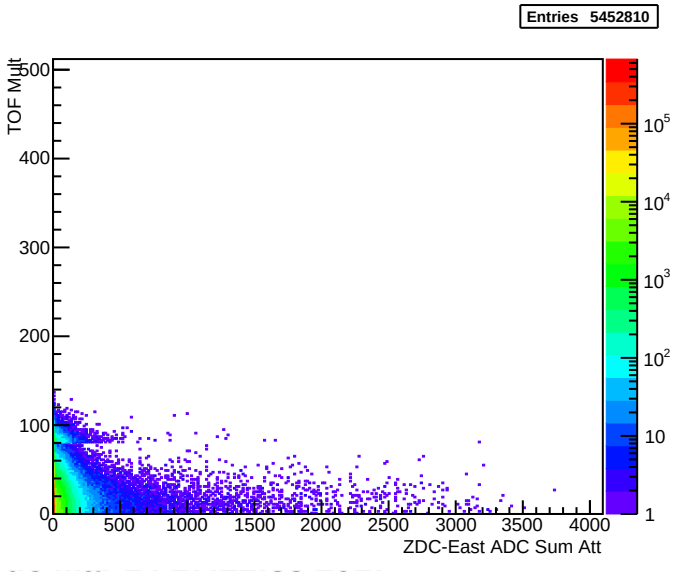


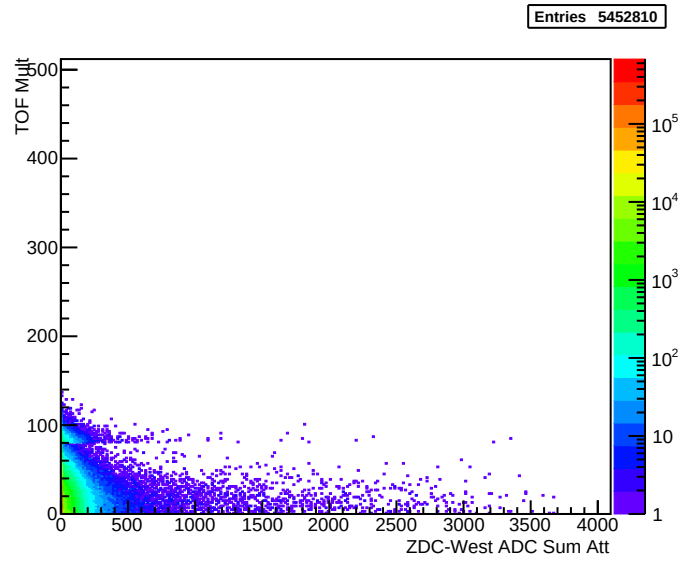

Entries 5452810
TOF Mult
BBC-S-East ADC Sum

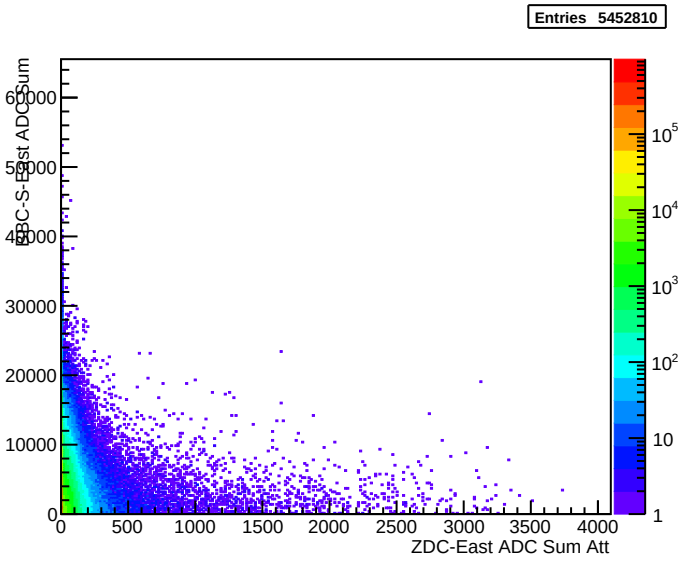

Entries 5452810
TOF Mult
BBC-S-West ADC Sum

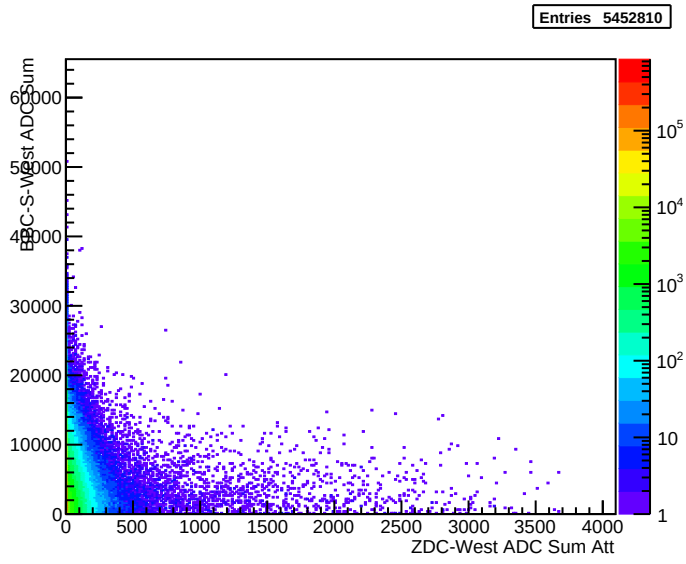

Entries 5452810
TOF Mult
VPD-East ADC Sum

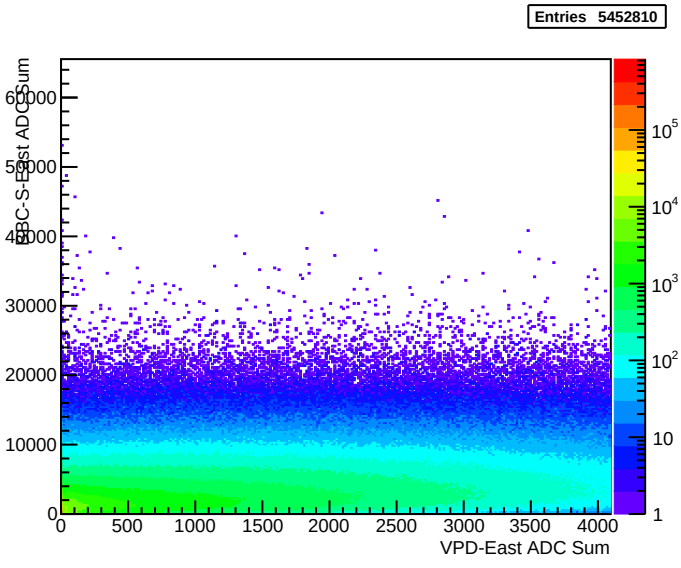

Entries 5452810
TOF Mult
VPD-West ADC Sum

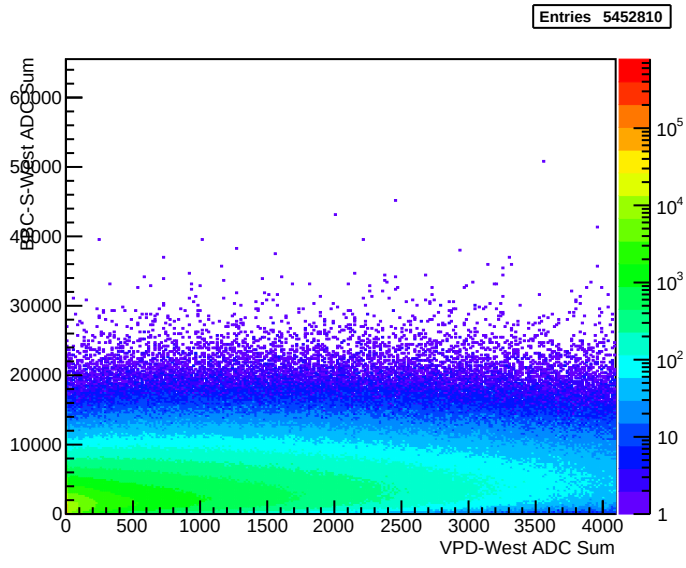

Entries 5452810
TOF Mult
ZDC-East ADC Sum Att

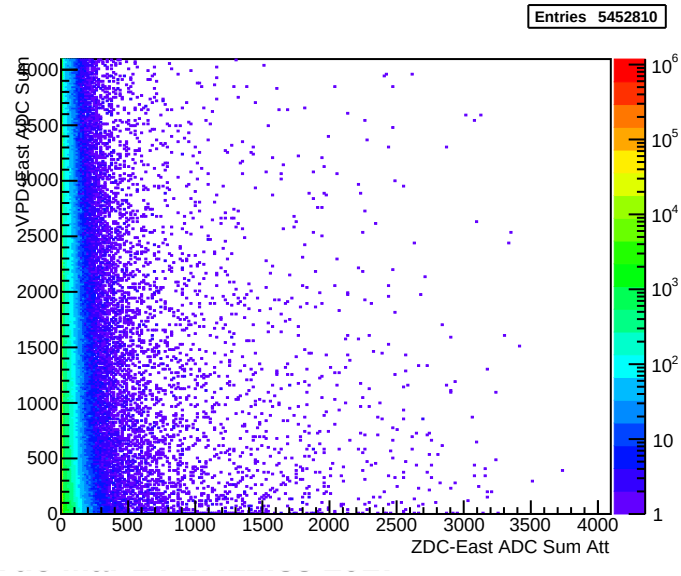

Entries 5452810
TOF Mult
ZDC-West ADC Sum Att

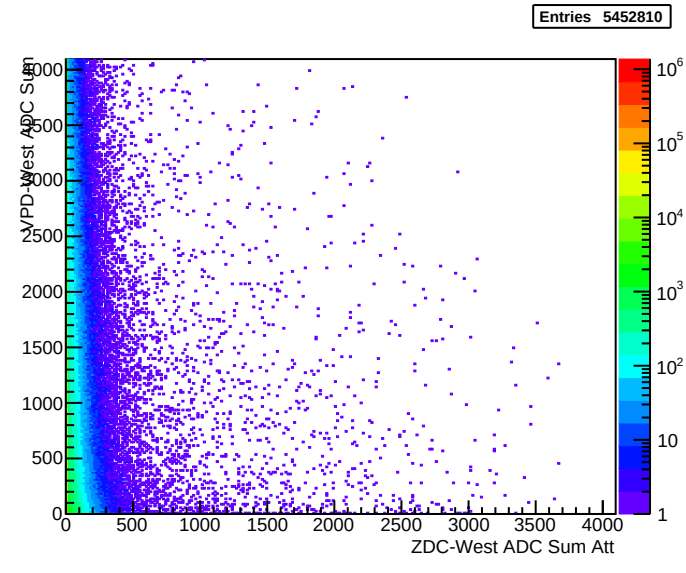

Entries 5452810
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

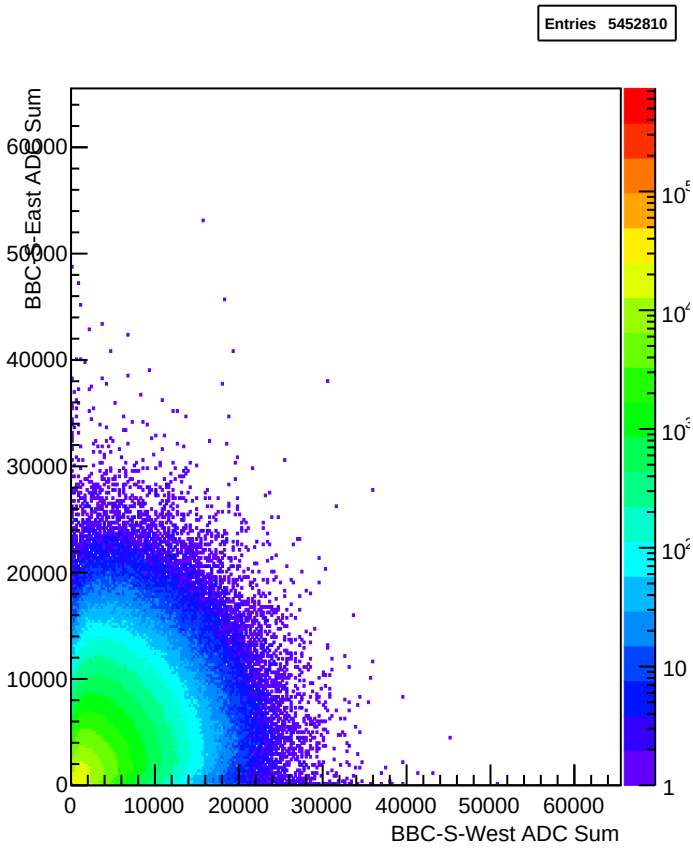

Entries 5452810
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

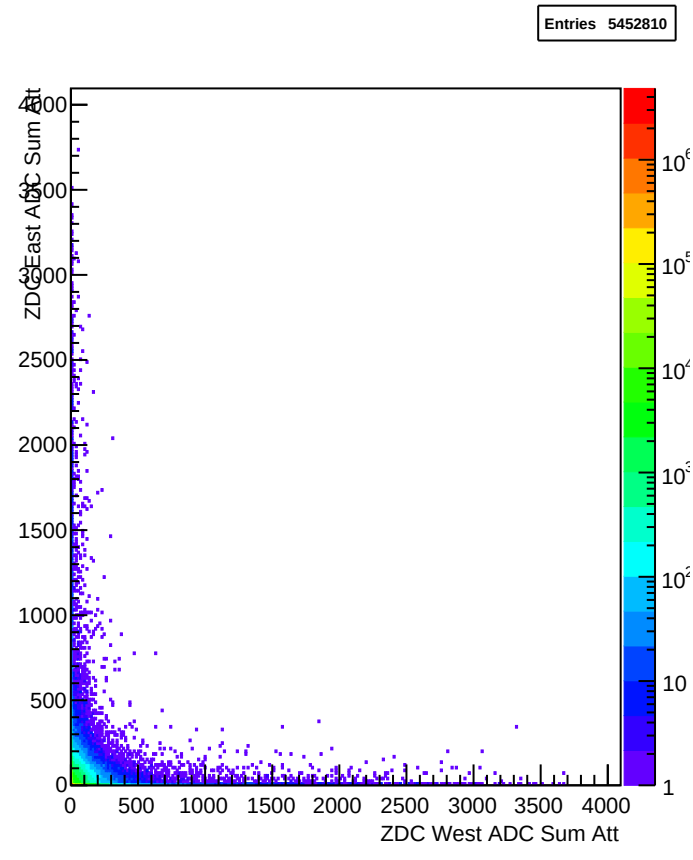

Entries 5452810
BBC-S-East ADC Sum
VPD-East ADC Sum

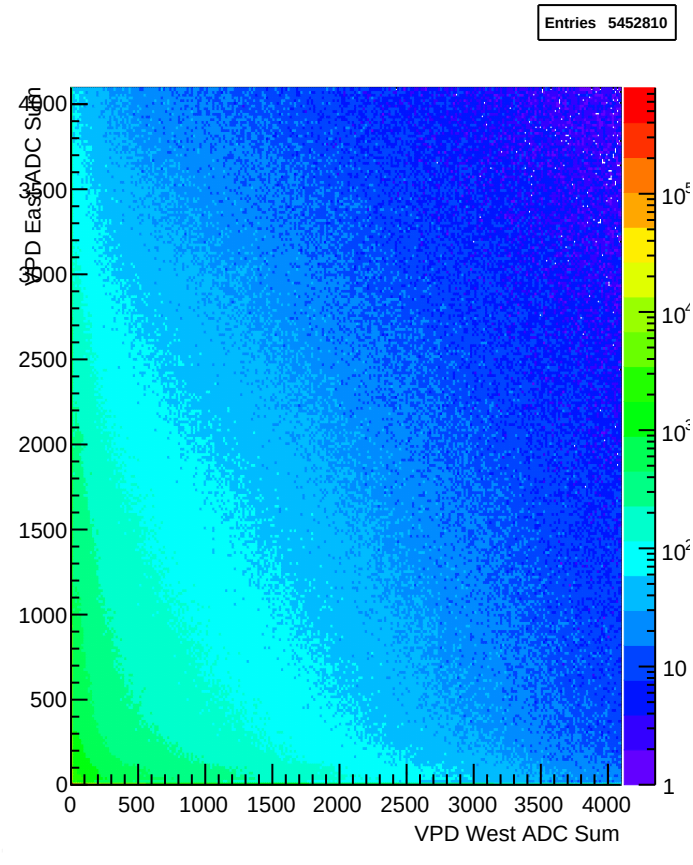

Entries 5452810
BBC-S-West ADC Sum
VPD-West ADC Sum

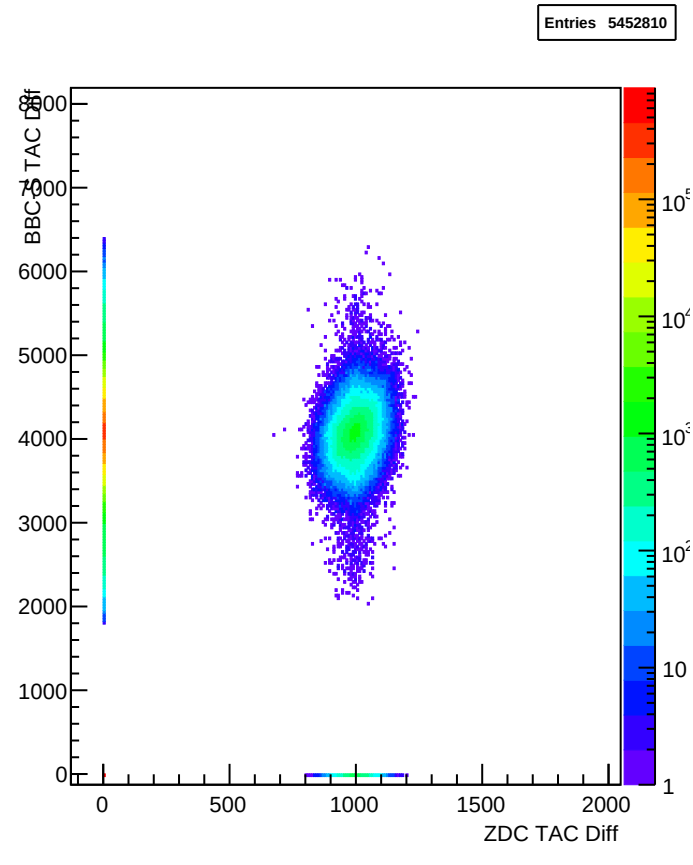

Entries 5452810
VPD-East ADC Sum
ZDC-East ADC Sum Att

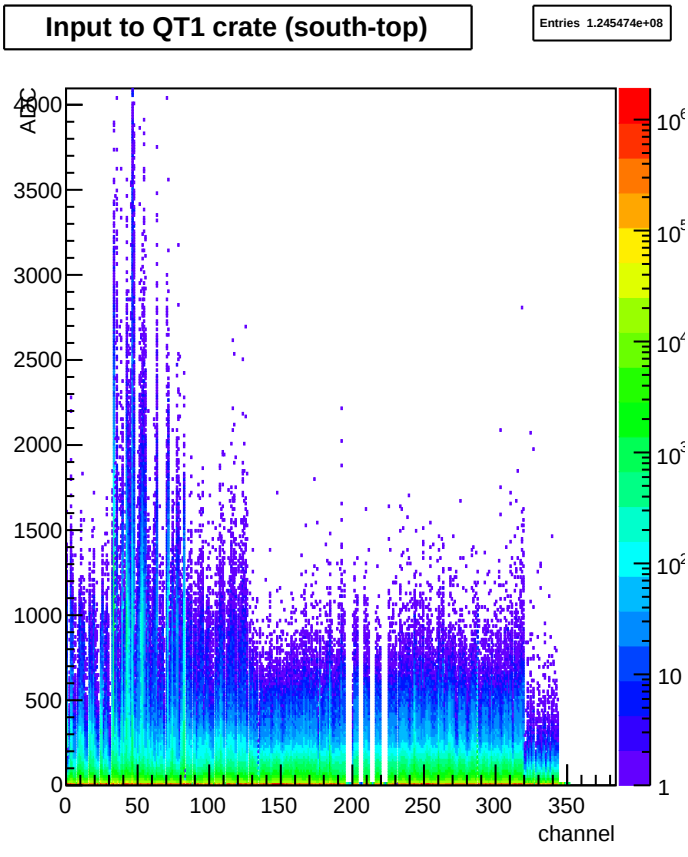

Entries 5452810
VPD-West ADC Sum
ZDC-West ADC Sum Att

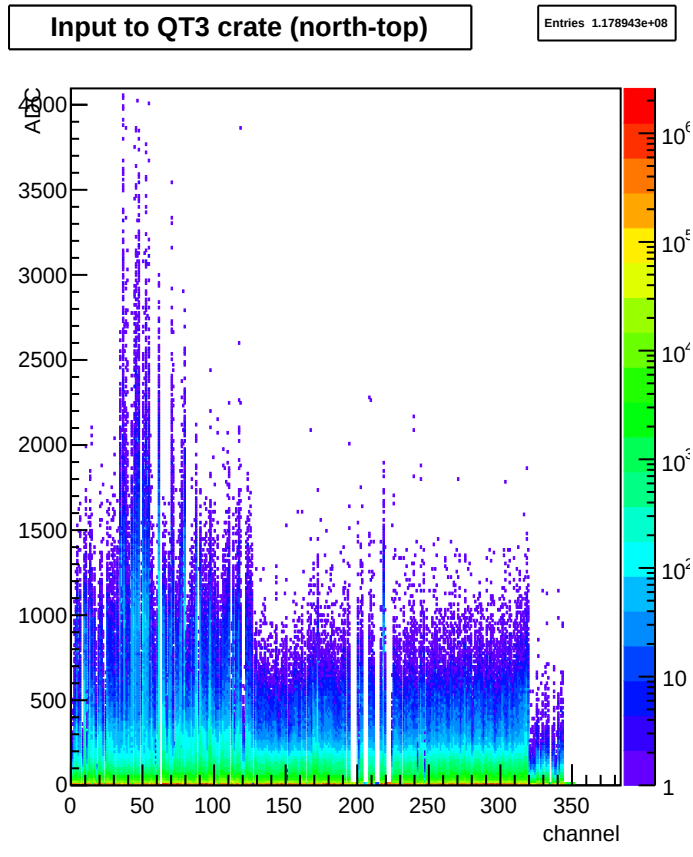

Entries 5452810
BBC-S-East ADC Sum
BBC-S-West ADC Sum

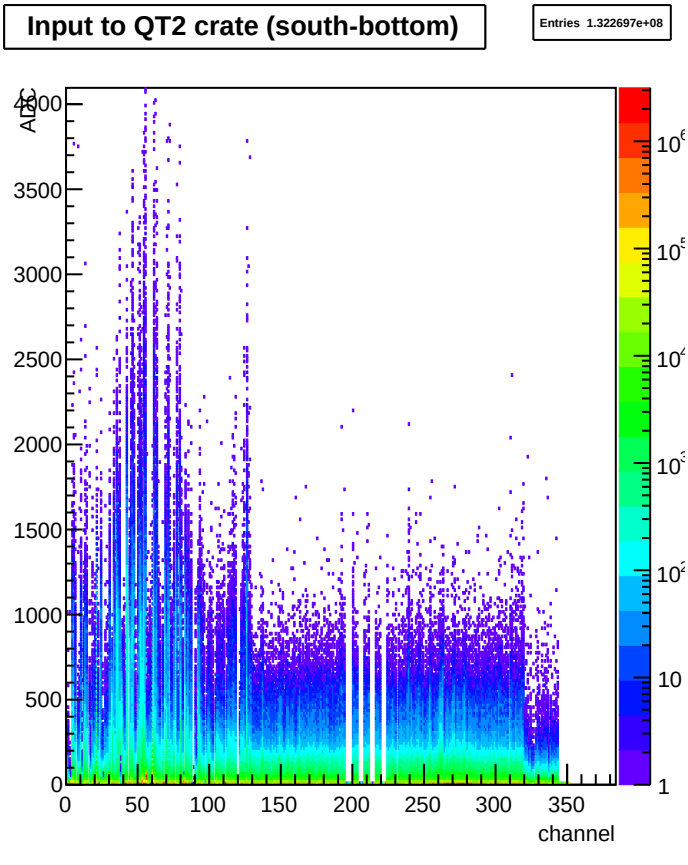

Entries 5452810
ZDC East ADC Sum Att
ZDC West ADC Sum Att

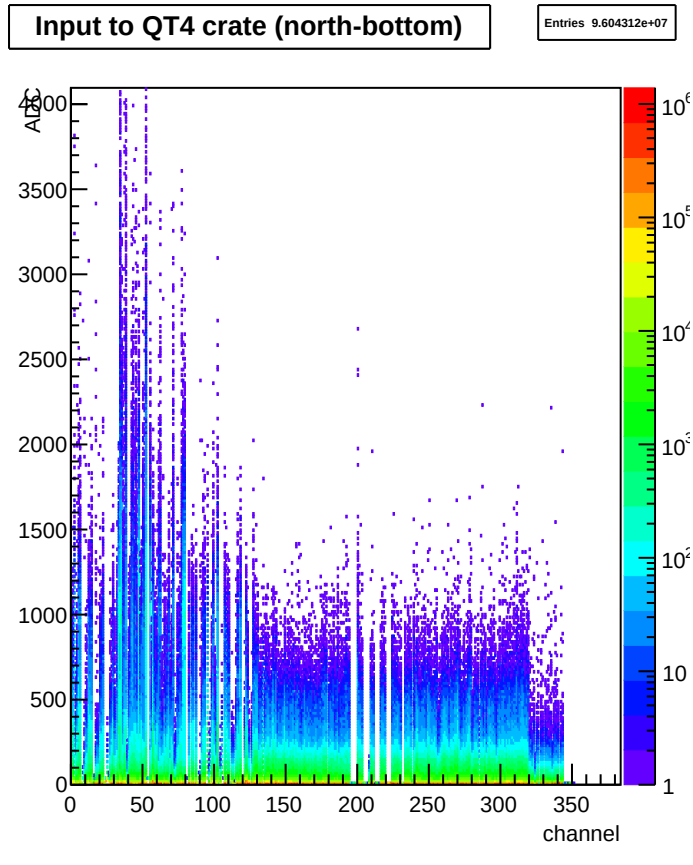

Entries 5452810
VPD East ADC Sum
VPD West ADC Sum

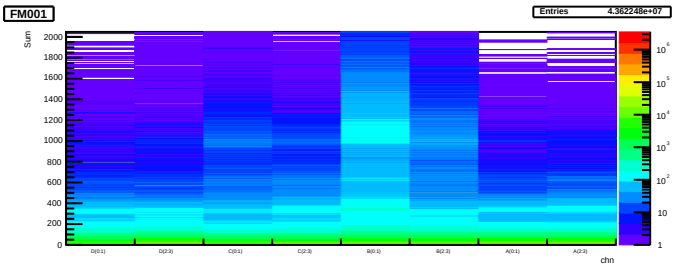

Entries 5452810
BBC-S TAC Diff
ZDC TAC Diff

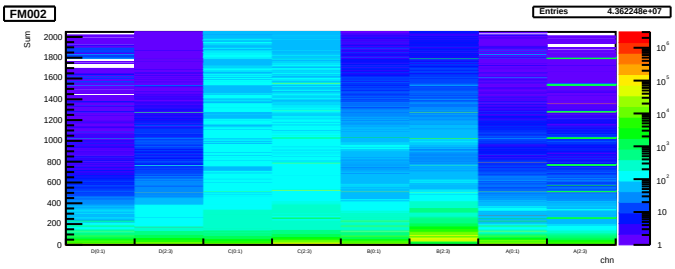

Input to QT1 crate (south-top)
Entries 1.245474e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 1.178943e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 1.322697e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 9.604312e+07
ADC
channel


FM001
Entries 4.362248e+07
Sum
chn


FM002
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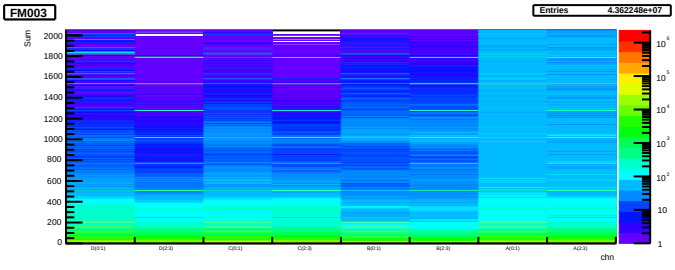
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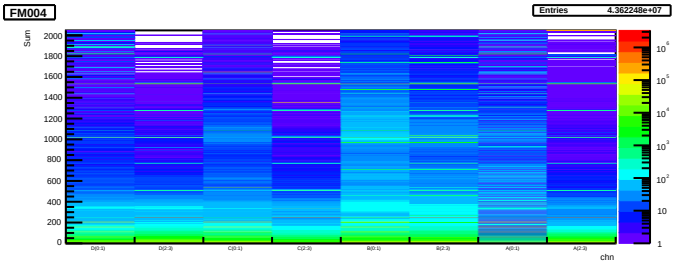
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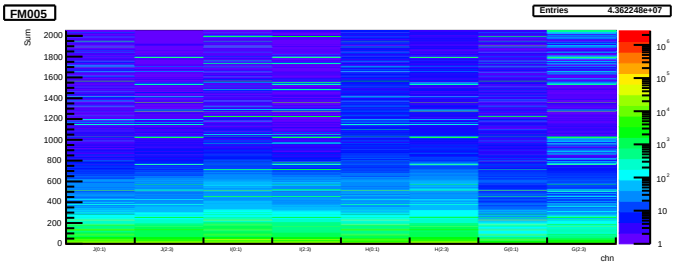
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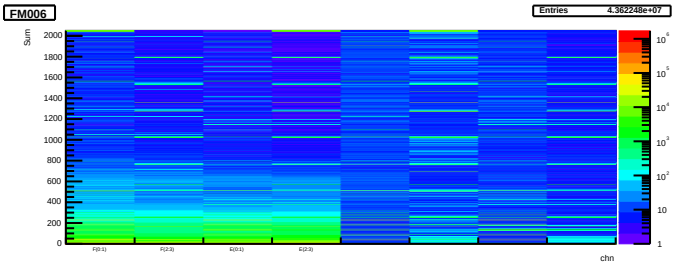
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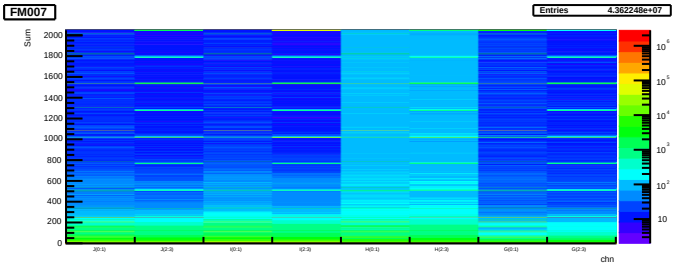
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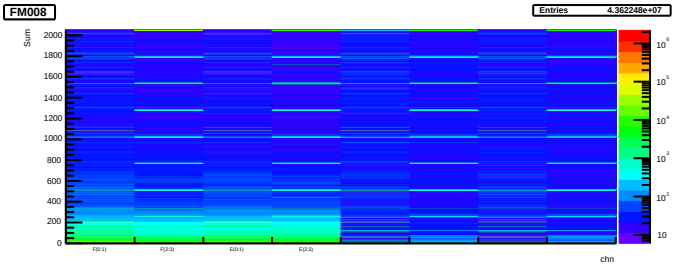
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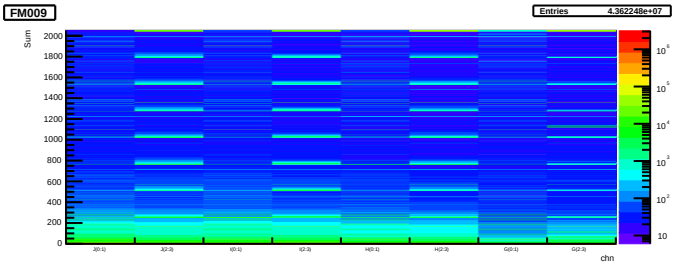
FM009
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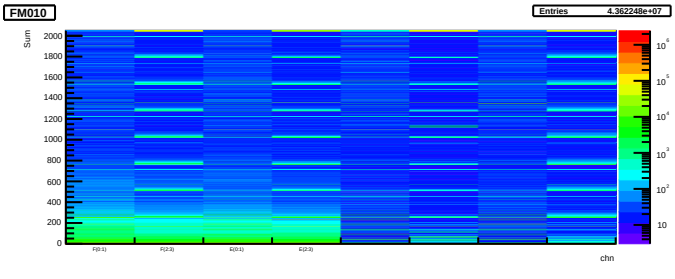
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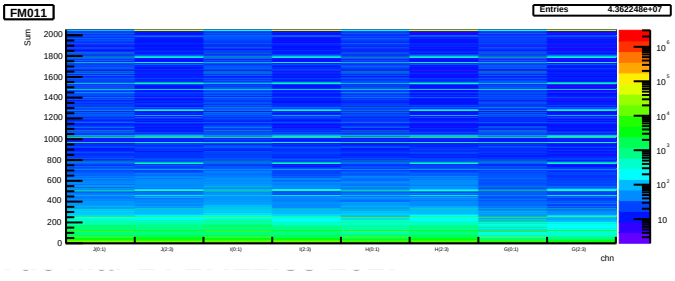
FM011
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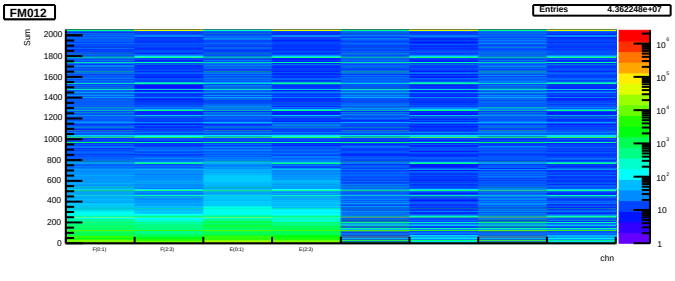
FM012
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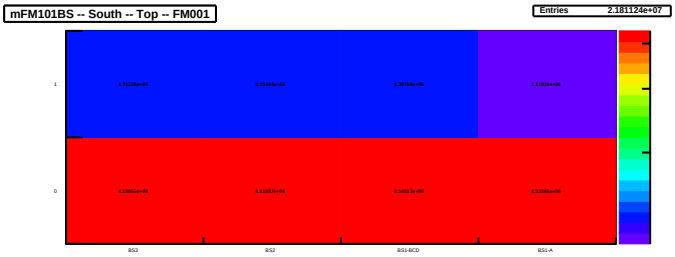
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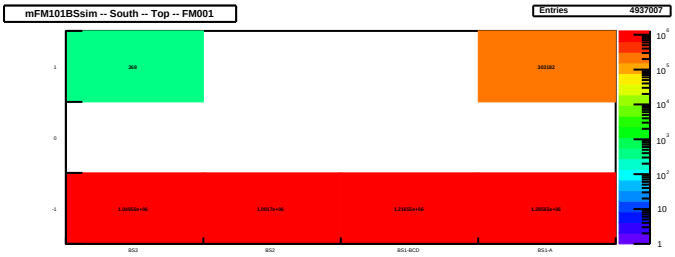
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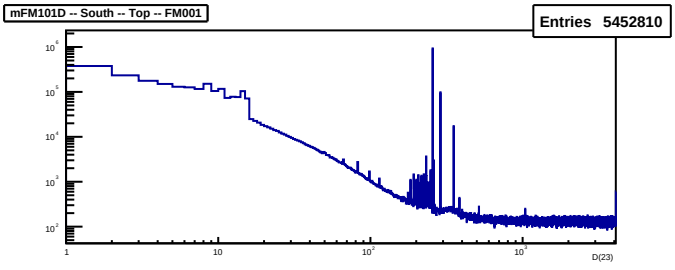
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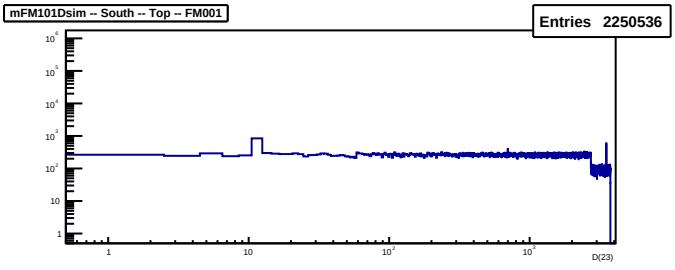
Entries 5452810
D(23)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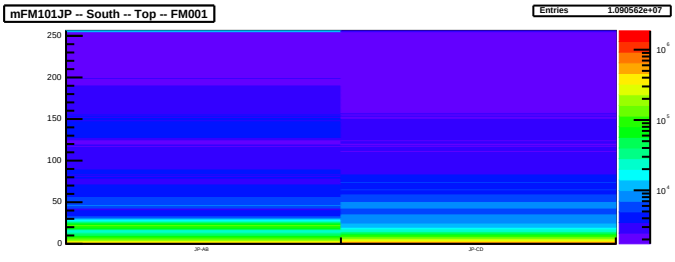
D(23)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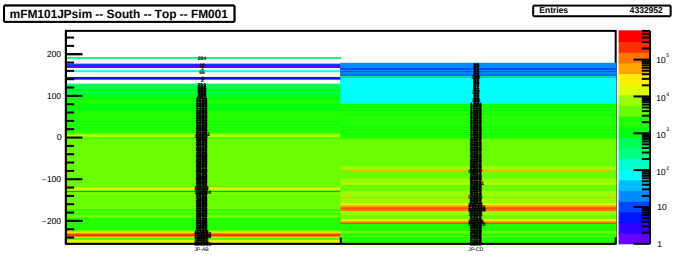
Entries 1.090562e+07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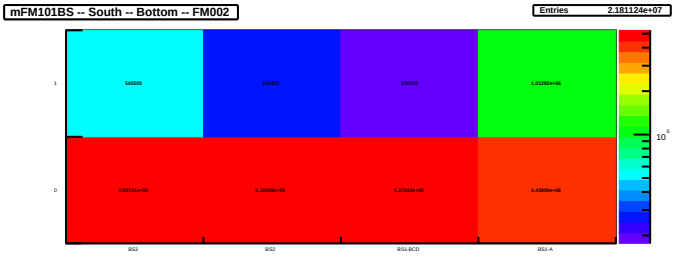
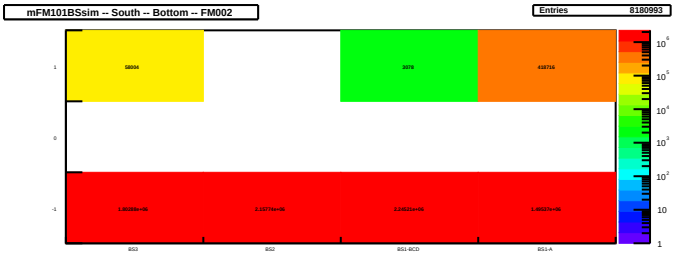

mFM101BS -- South -- Bottom -- FM002
Entries 2.181124e+07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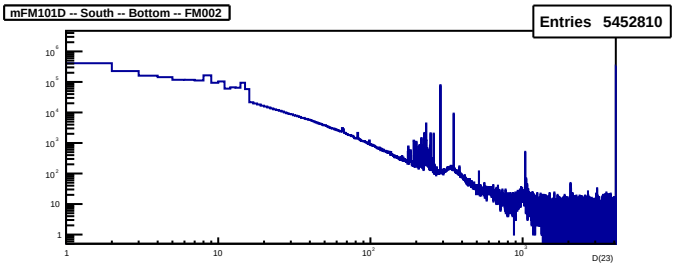
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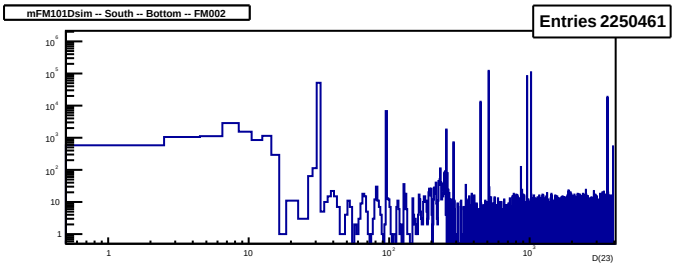
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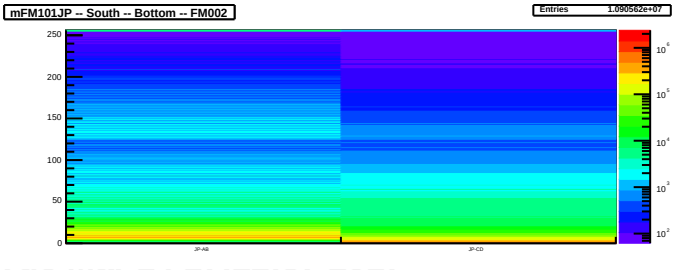
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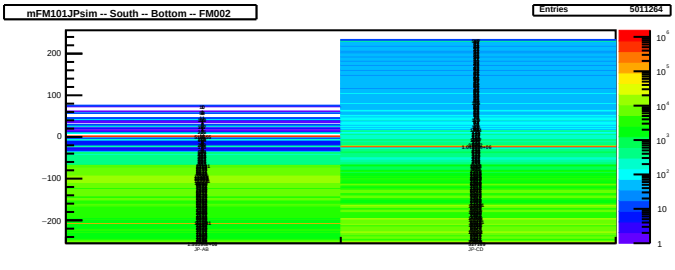
Entries 1.090562e+07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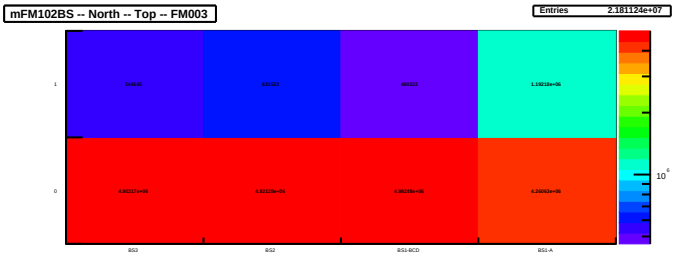
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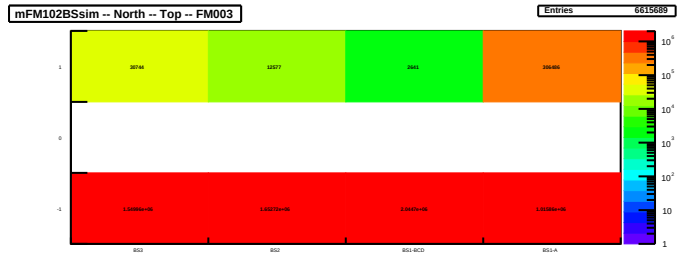
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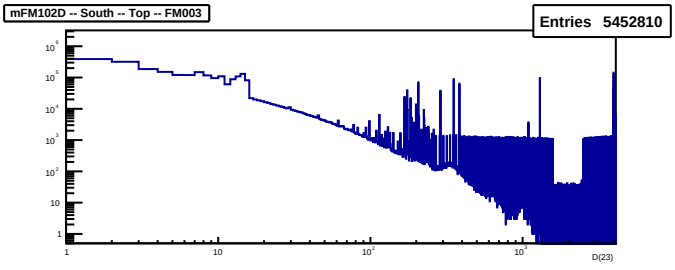
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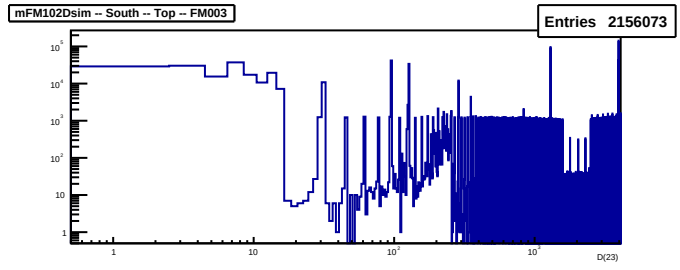
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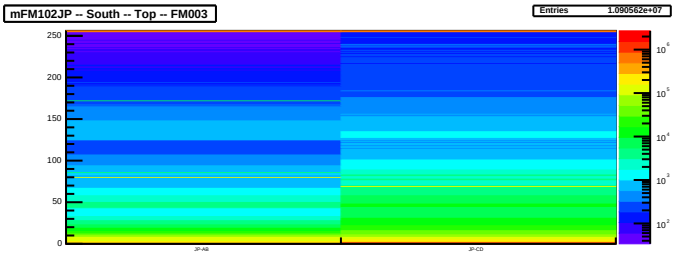
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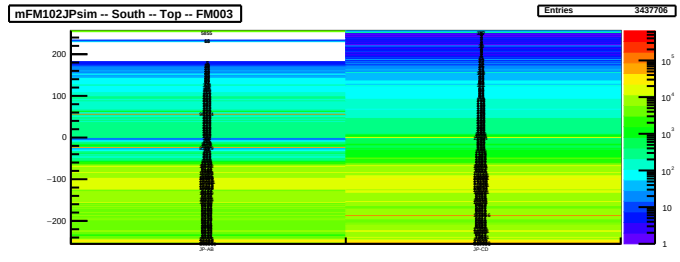
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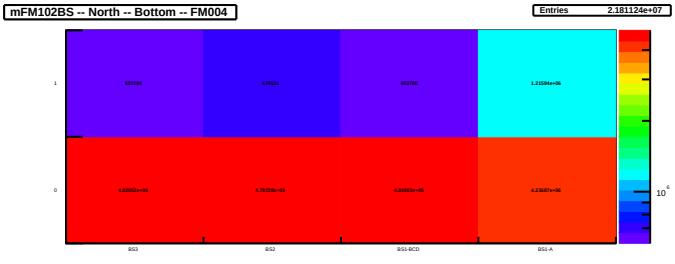
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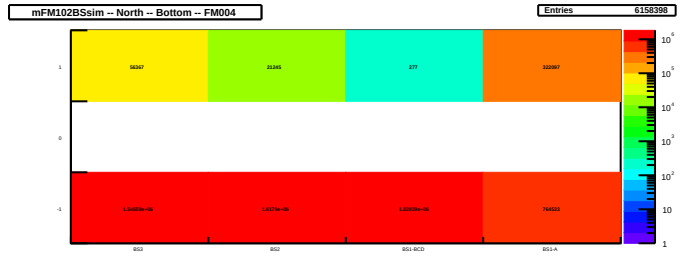
Entries 2.181124e+07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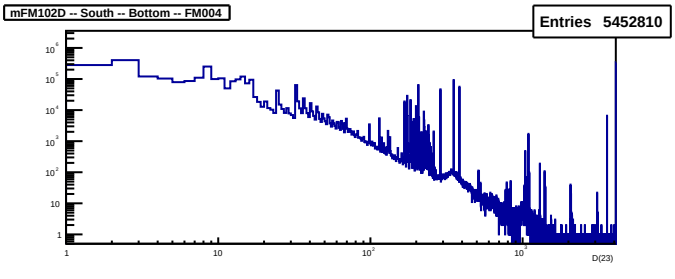
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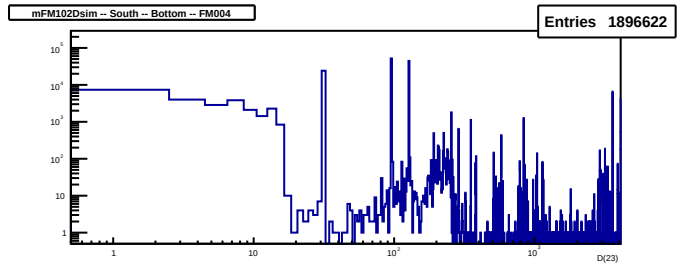
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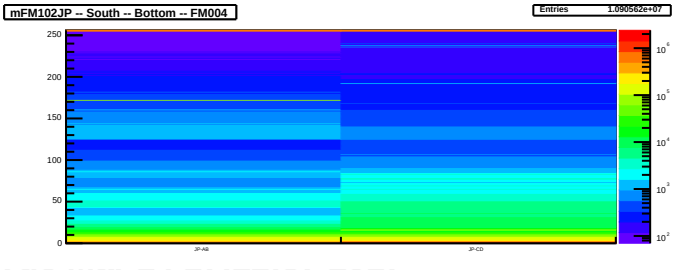
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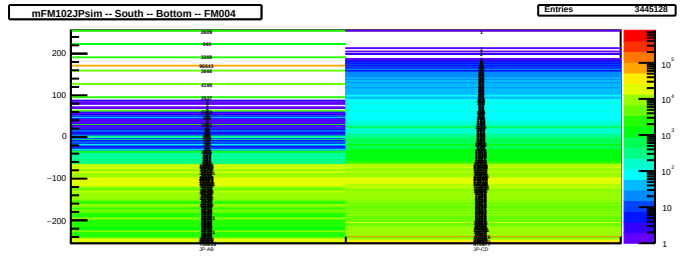
Entries 1.090562e+07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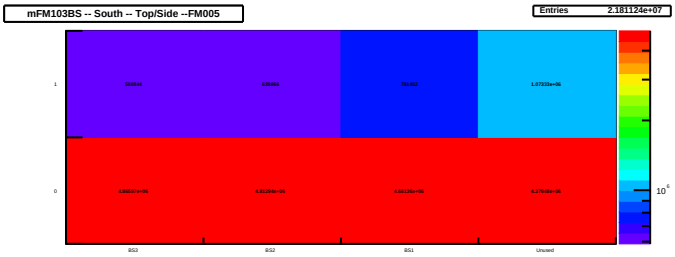
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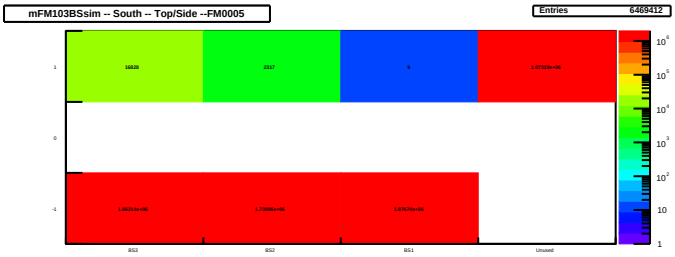
Entries 2.181124e+07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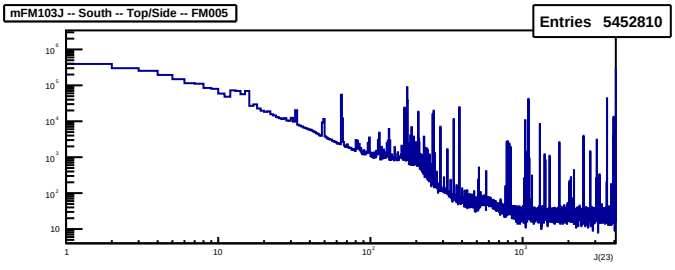
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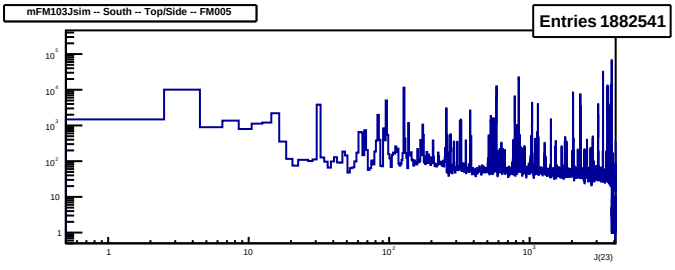
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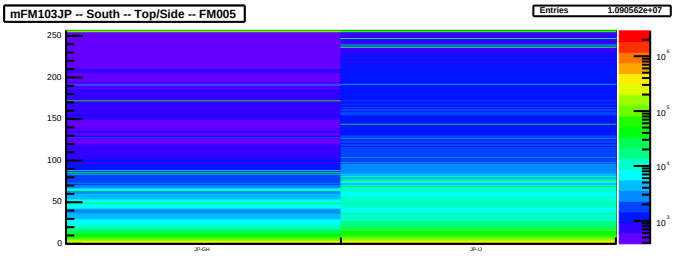
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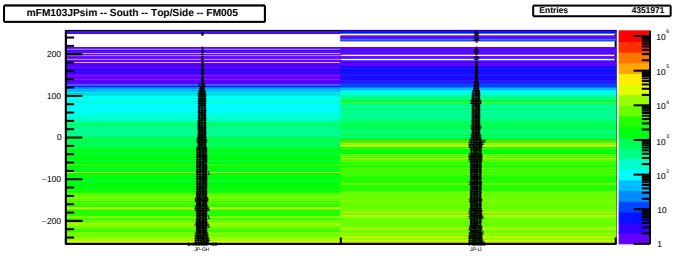
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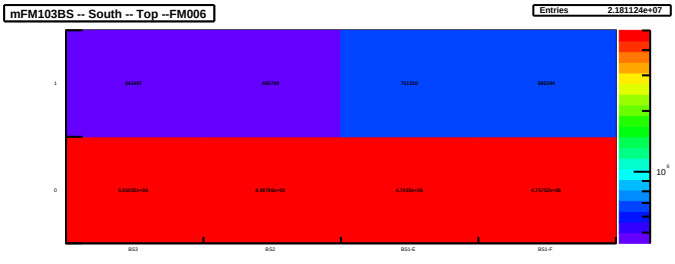
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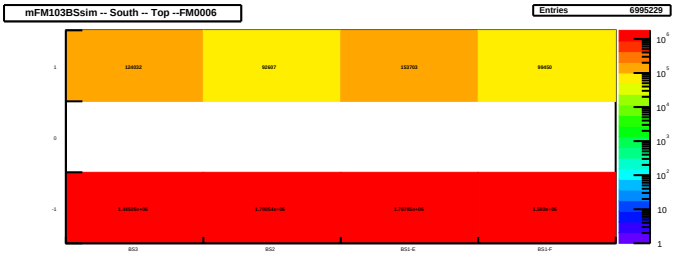
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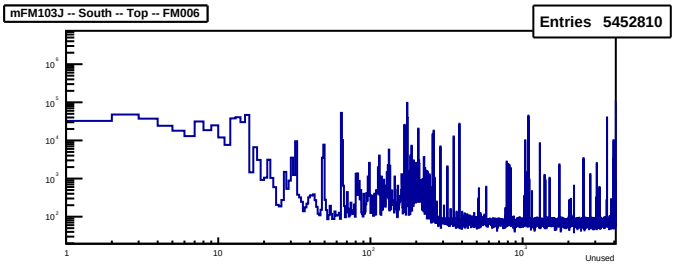
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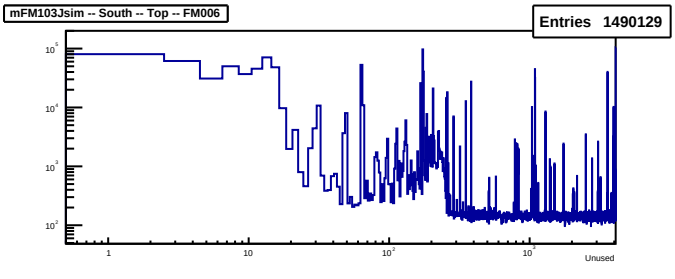
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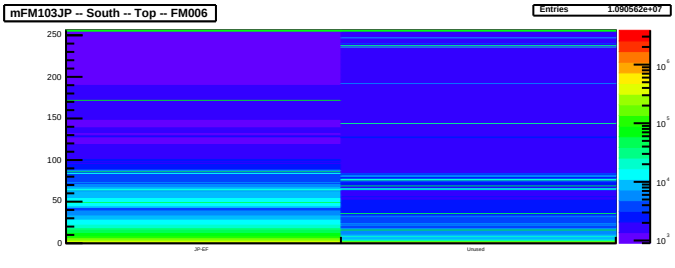
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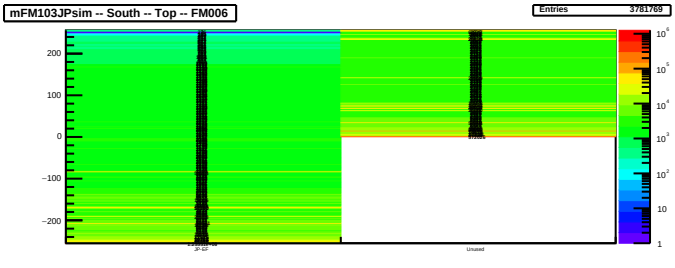
Entries 1.090562e+07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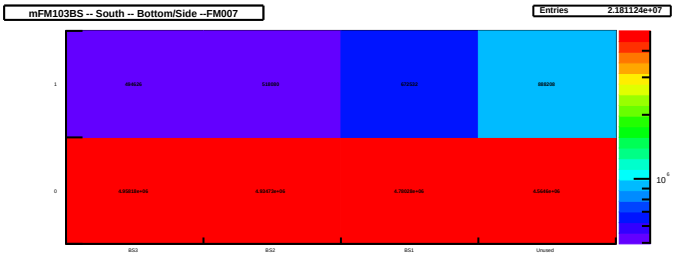
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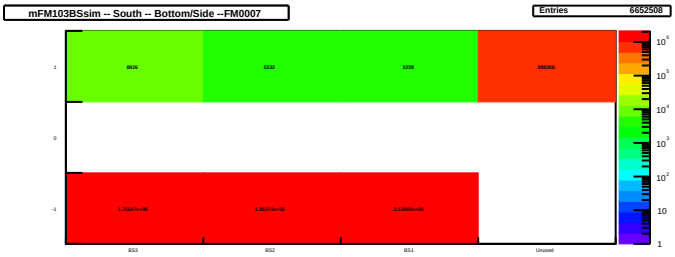
Entries 2.181124e+07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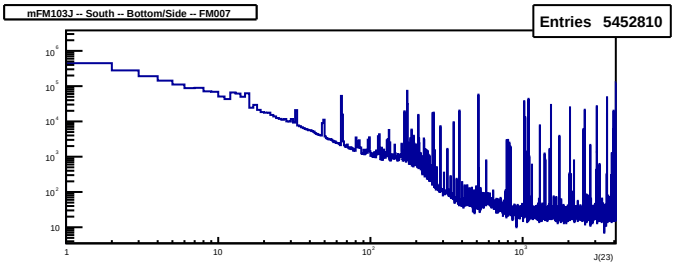
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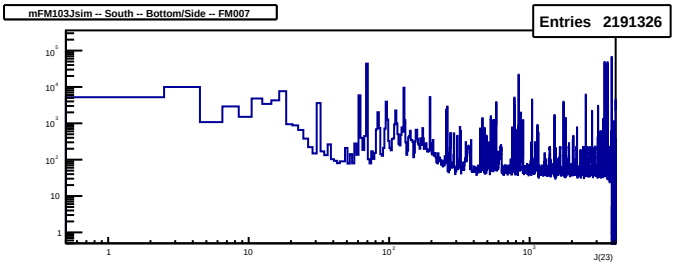
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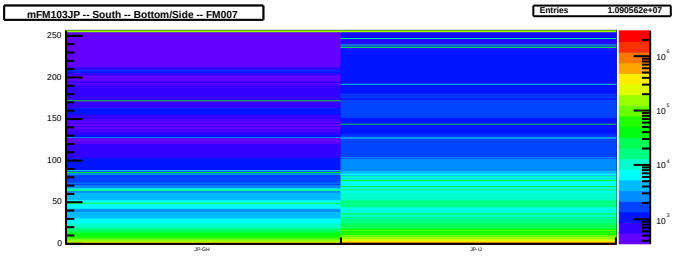
J(23)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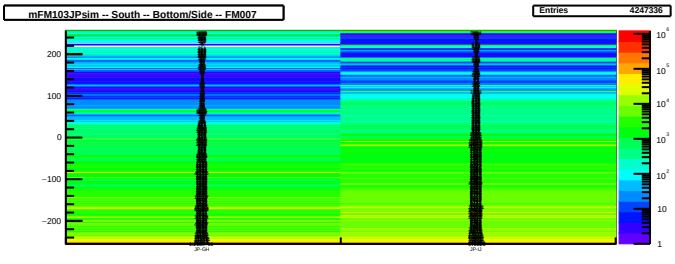
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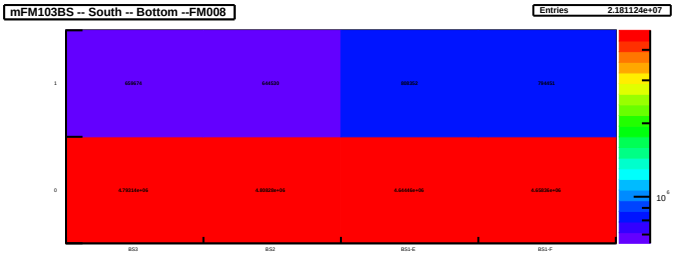
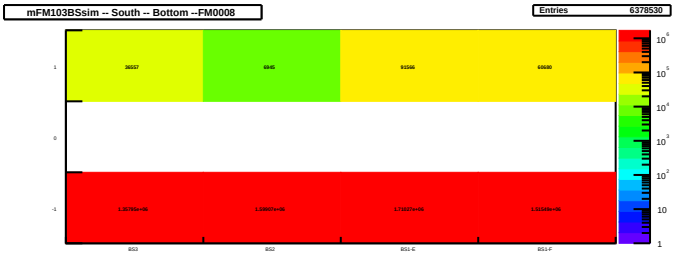
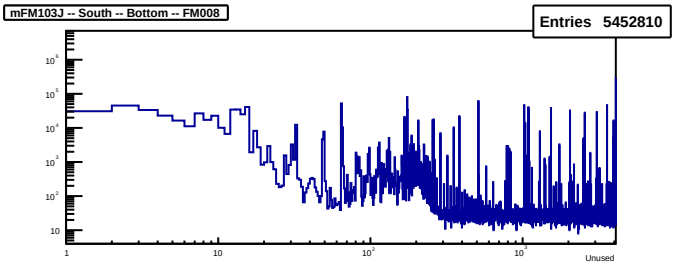
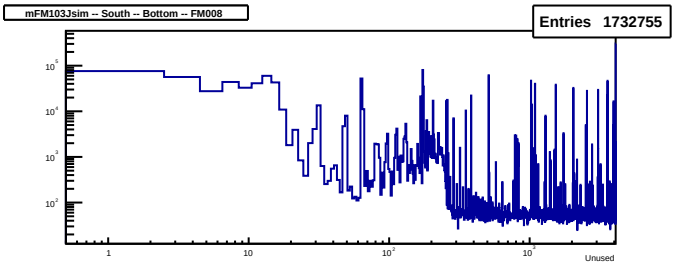
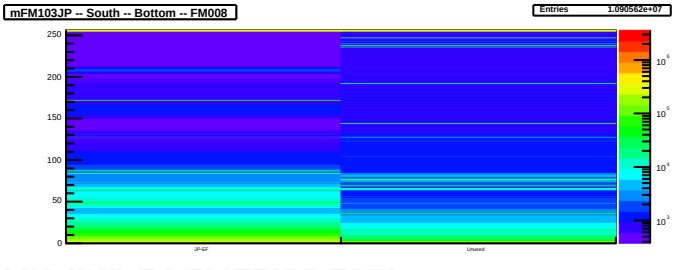
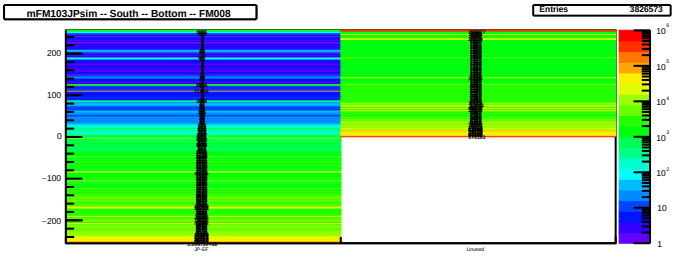

mFM103BS -- South -- Bottom --FM008
Entries 2.181124e+07

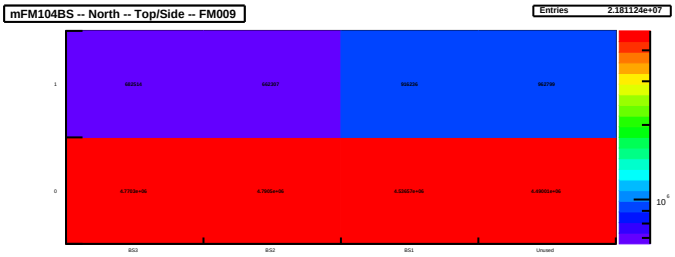

mFM103BSsim -- South -- Bottom --FM0008
Entries 6378530

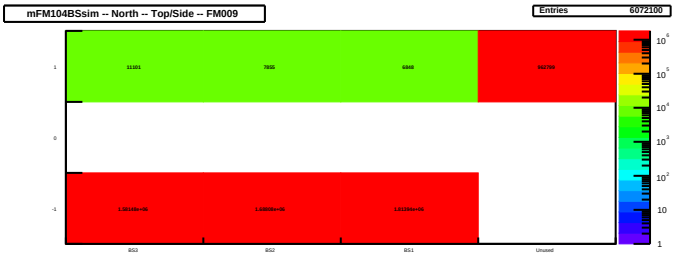

mFM103J -- South -- Bottom -- FM008
Entries 5452810
Unused

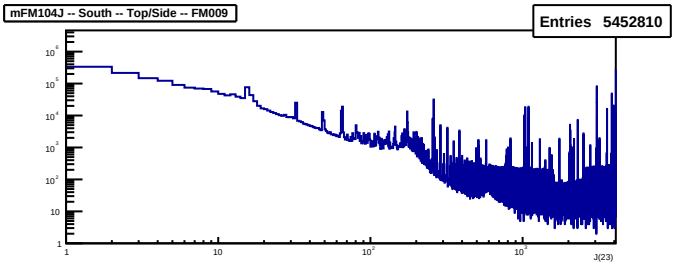

mFM103Jsim -- South -- Bottom -- FM008
Entries 1732755
Unused

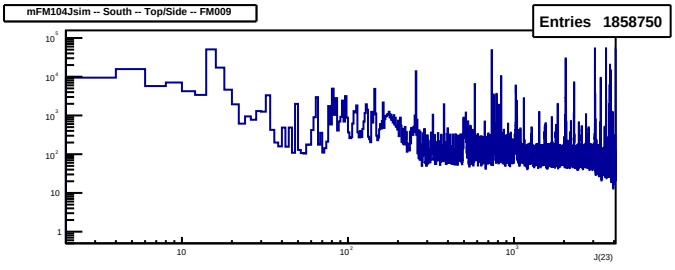

mFM103JP -- South -- Bottom -- FM008
Entries 1.090562e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3826573


mFM104BS -- North -- Top/Side -- FM009
Entries 2.181124e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 6072100


mFM104J -- South -- Top/Side -- FM009
Entries 5452810
J(23)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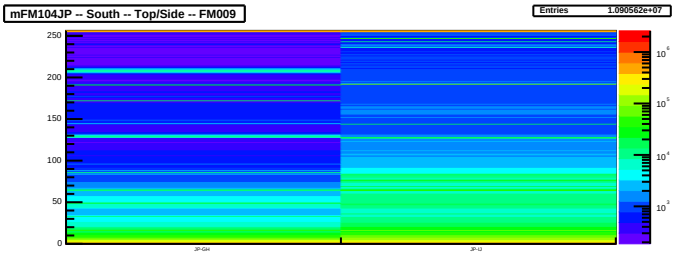
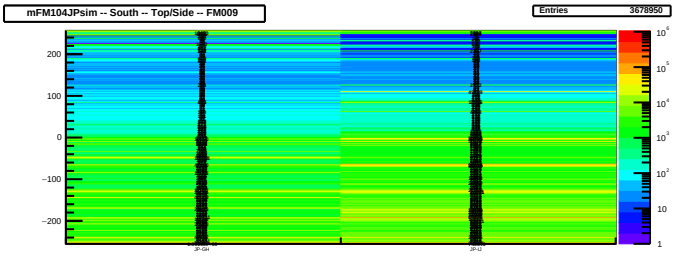
Entries 1858750
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.090562e+07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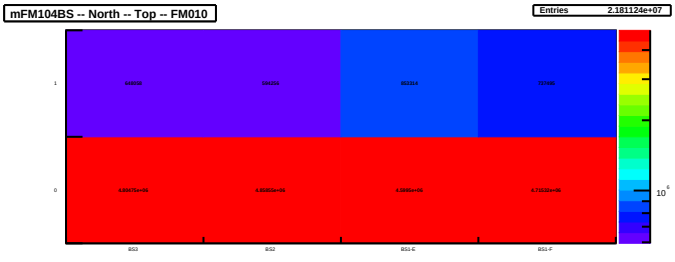
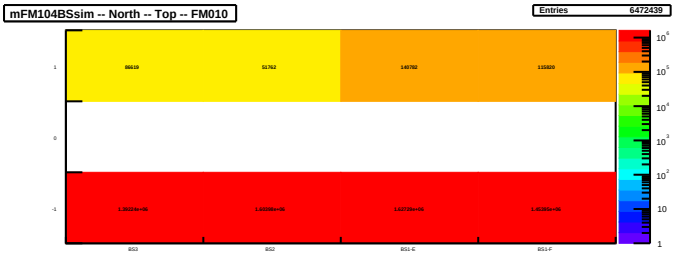
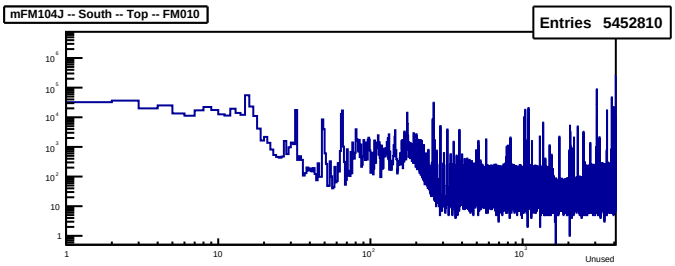
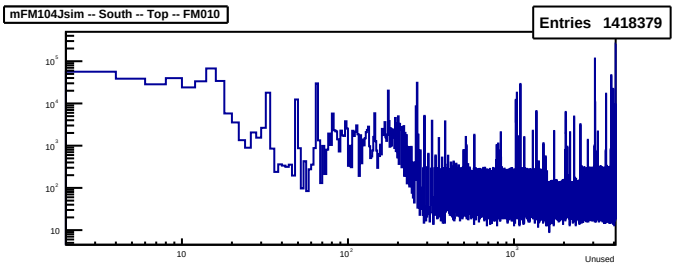
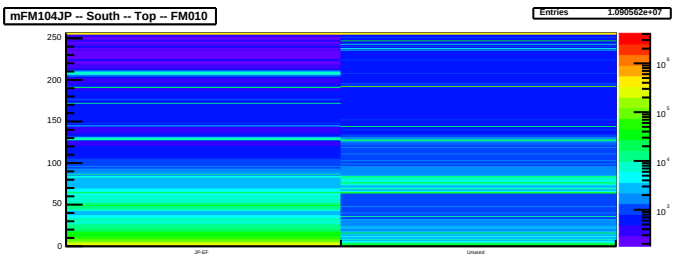
Entries 3678950

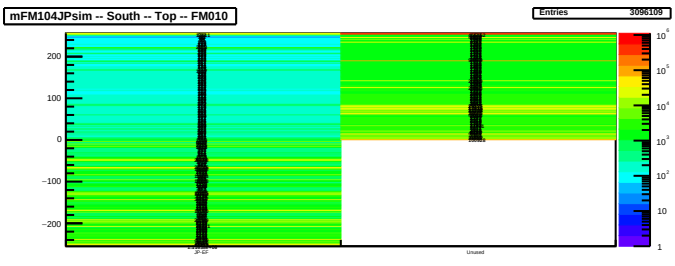

mFM104BS -- North -- Top -- FM010
Entries 2.181124e+07

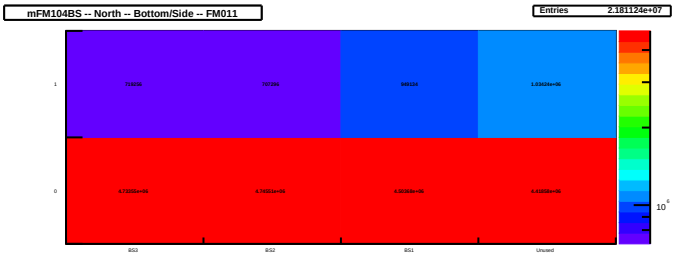

mFM104BSsim -- North -- Top -- FM010
Entries 6472439

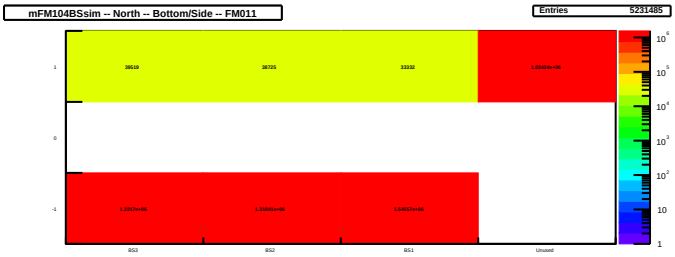

mFM104J -- South -- Top -- FM010
Entries 5452810
Unused

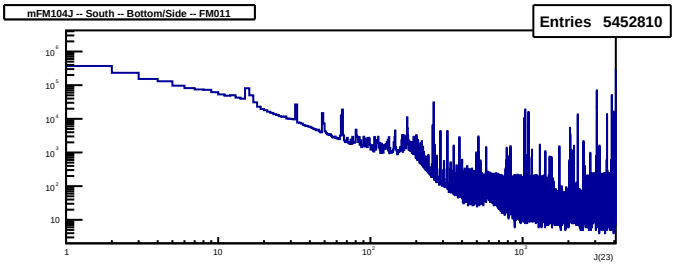

mFM104Jsim -- South -- Top -- FM010
Entries 1418379
Unused

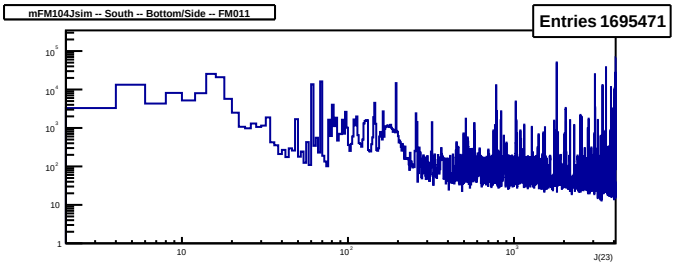

mFM104JP -- South -- Top -- FM010
Entries 1.090562e+07

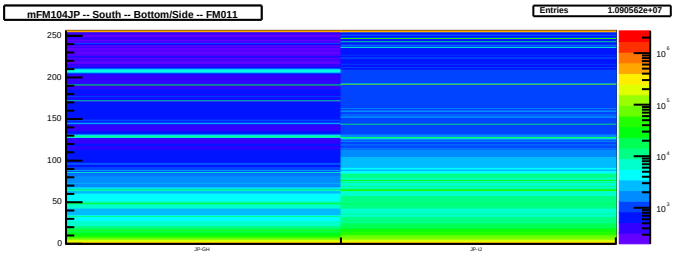

mFM104JPsim -- South -- Top -- FM010
Entries 3096109

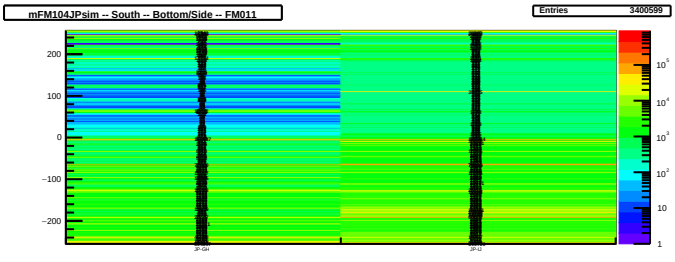

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.181124e+07

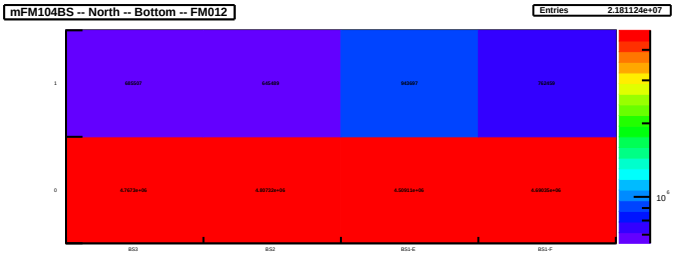

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5231485

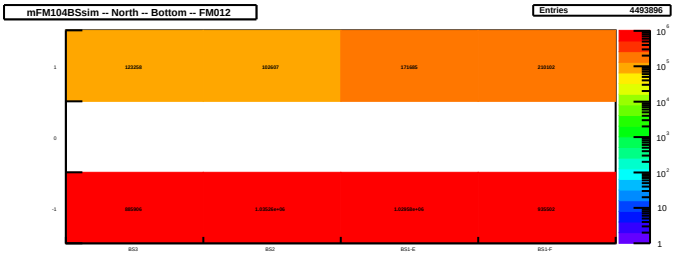

mFM104J -- South -- Bottom/Side -- FM011
Entries 5452810
J(23)

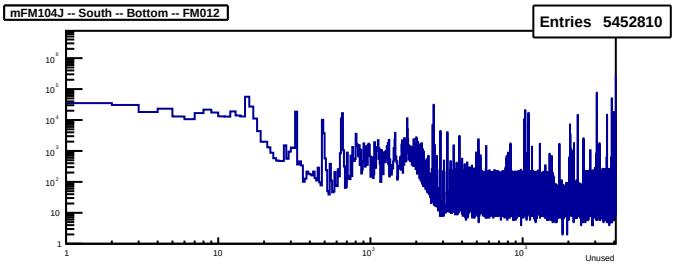

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1695471
J(23)

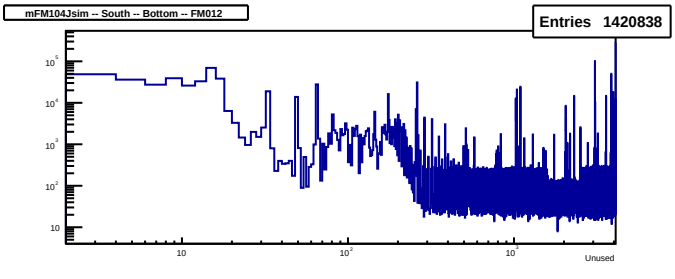

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.090562e+07

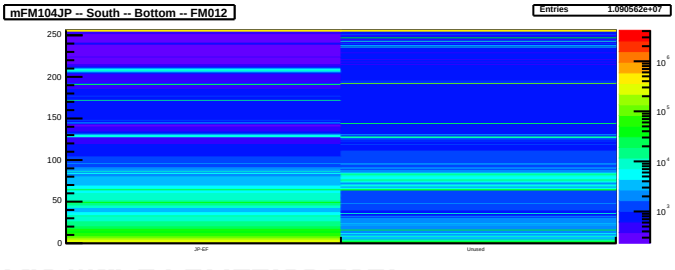

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3400599

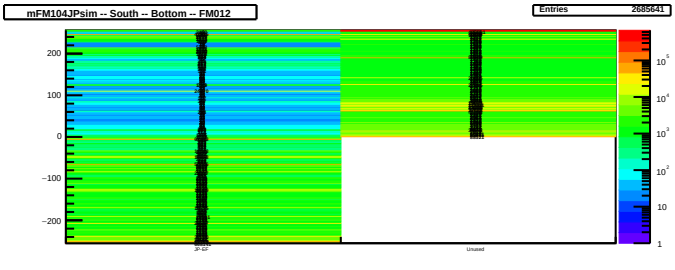

mFM104BS -- North -- Bottom -- FM012
Entries 2.181124e+07

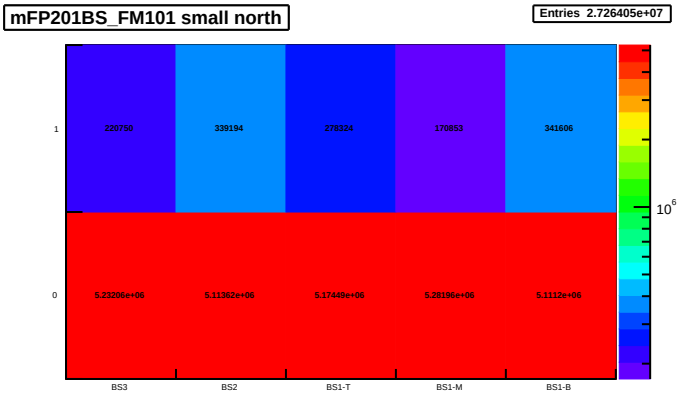

mFM104BSsim -- North -- Bottom -- FM012
Entries 4493896

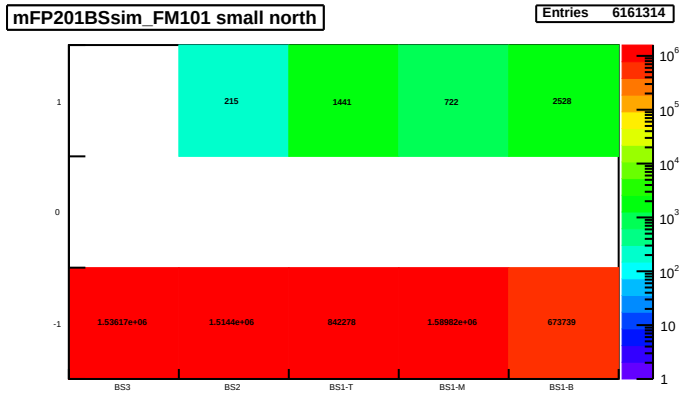

mFM104J -- South -- Bottom -- FM012
Entries 5452810
Unused

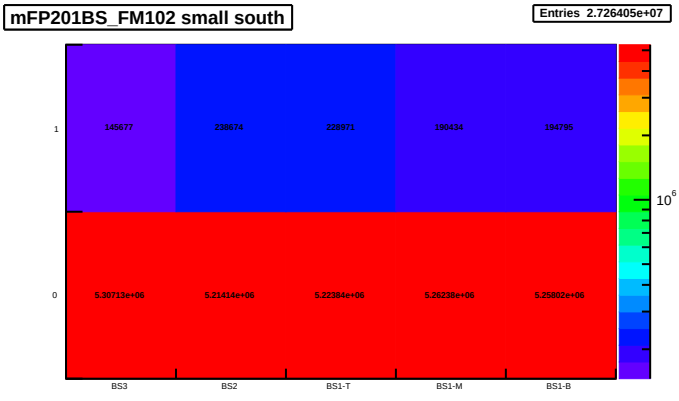

mFM104Jsim -- South -- Bottom -- FM012
Entries 1420838
Unused

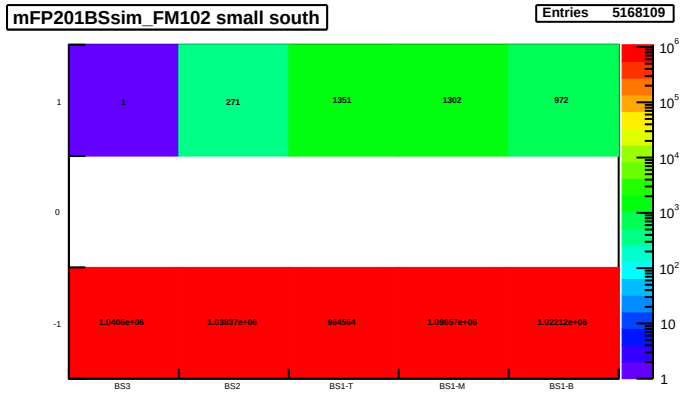

mFM104JP -- South -- Bottom -- FM012
Entries 1.090562e+07

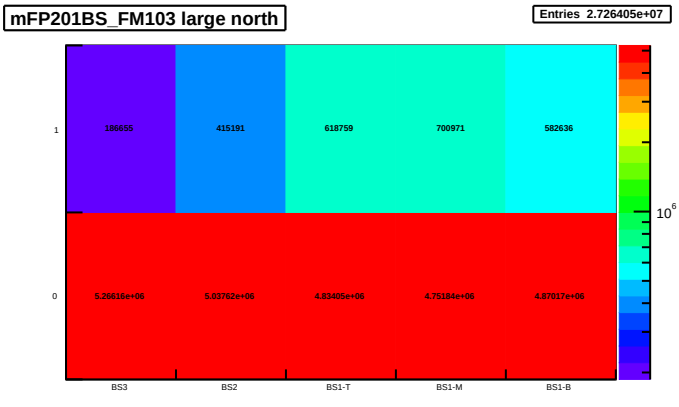

mFM104JPsim -- South -- Bottom -- FM012
Entries 2685641

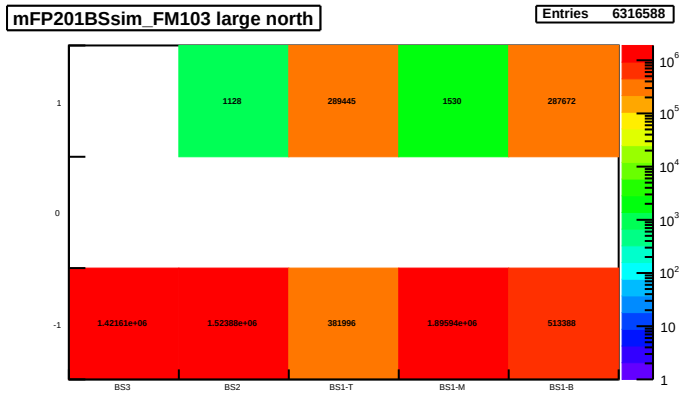

mFP201BS_FM101 small north
Entries 2.726405e+07
220750
339194
278324
170853
341606
5.23206e+06
5.11362e+06
5.17449e+06
5.28196e+06
5.1112e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

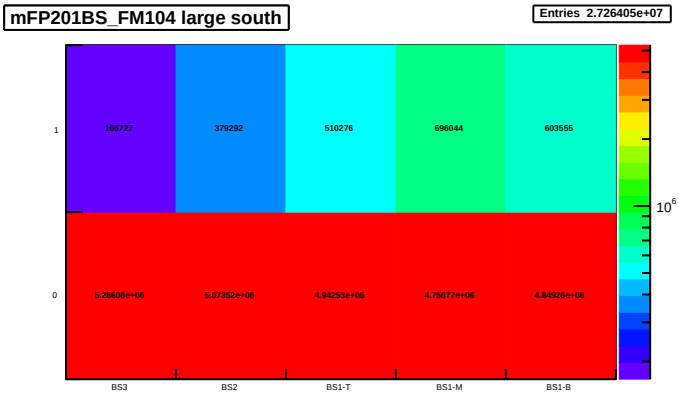

mFP201BSsim_FM101 small north
Entries 6161314
215
1441
722
2528
1.53617e+06
1.5144e+06
842278
1.58982e+06
673739
BS3
BS2
BS1-T
BS1-M
BS1-B

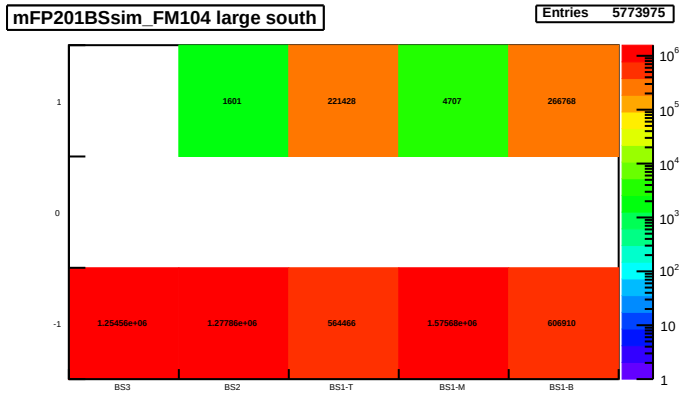

mFP201BS_FM102 small south
Entries 2.726405e+07
145677
238674
228971
190434
194795
5.30713e+06
5.21414e+06
5.22384e+06
5.26238e+06
5.25802e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

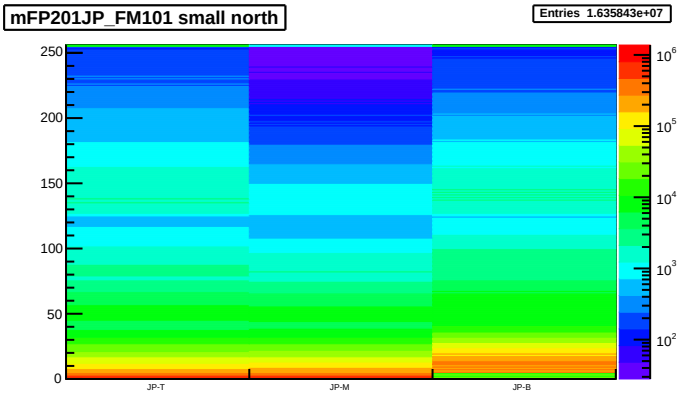

mFP201BSsim_FM102 small south
Entries 5168109
1
271
1351
1302
972
1.0406e+06
1.03837e+06
964564
1.09857e+06
1.02212e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

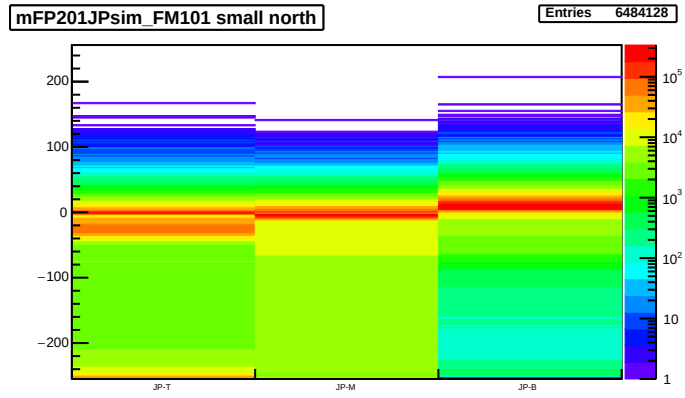

mFP201BS_FM103 large north
Entries 2.726405e+07
186655
415191
618759
700971
582636
5.26616e+06
5.03762e+06
4.83405e+06
4.75184e+06
4.87017e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

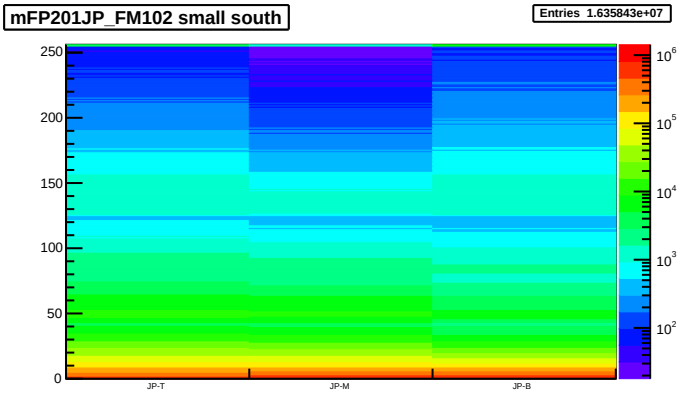

mFP201BSsim_FM103 large north
Entries 6316588
1128
289445
1530
287672
1.42161e+06
1.52388e+06
381996
1.89594e+06
513388
BS3
BS2
BS1-T
BS1-M
BS1-B

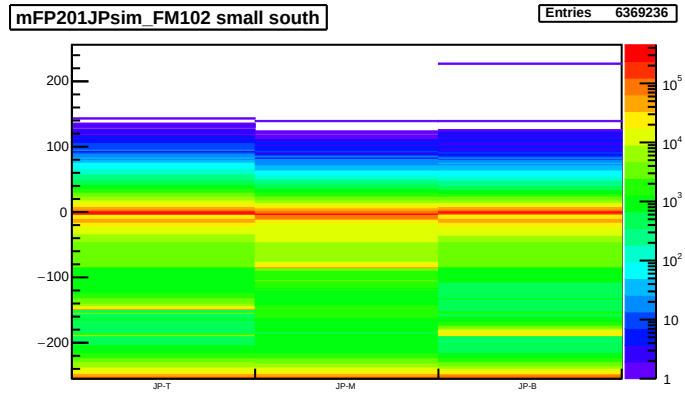

mFP201BS_FM104 large south
Entries 2.726405e+07
166727
379292
510276
696044
603555
5.28608e+06
5.07352e+06
4.94253e+06
4.75677e+06
4.84926e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

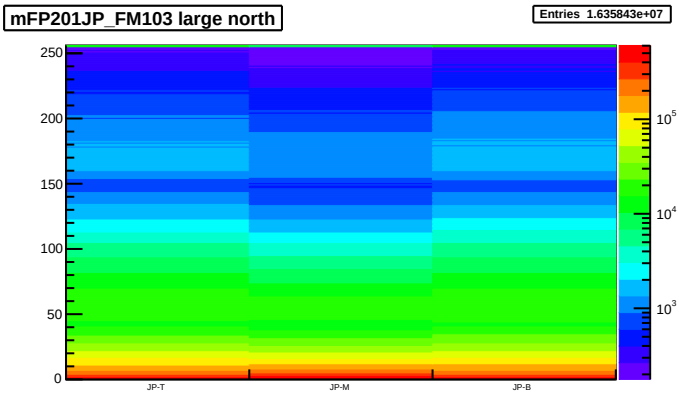

mFP201BSsim_FM104 large south
Entries 5773975
1601
221428
4707
266768
1.25456e+06
1.27786e+06
564466
1.57568e+06
606910
BS3
BS2
BS1-T
BS1-M
BS1-B

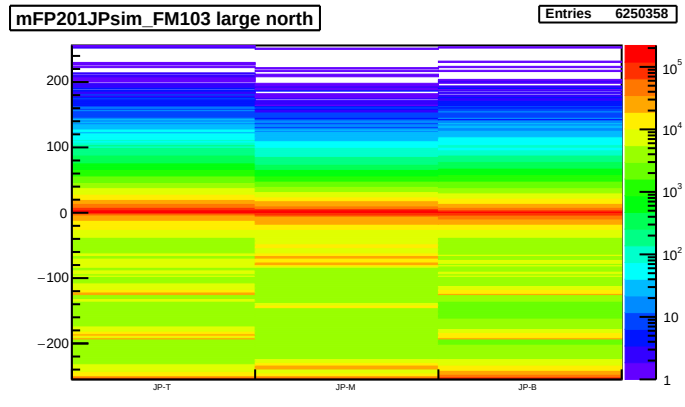

mFP201JP_FM101 small north
Entries 1.635843e+07
JP-T
JP-M
JP-B

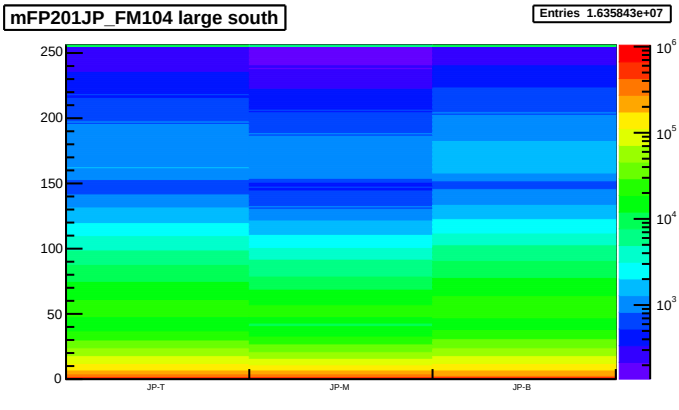

mFP201JPsim_FM101 small north
Entries 6484128
JP-T
JP-M
JP-B

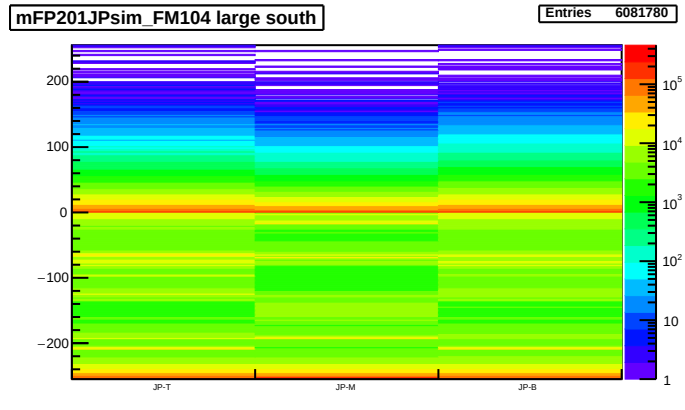

mFP201JP_FM102 small south
Entries 1.635843e+07
JP-T
JP-M
JP-B

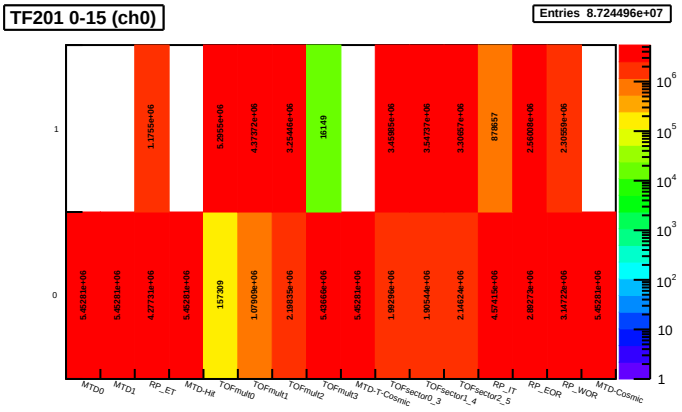

mFP201JPsim_FM102 small south
Entries 6369236
JP-T
JP-M
JP-B

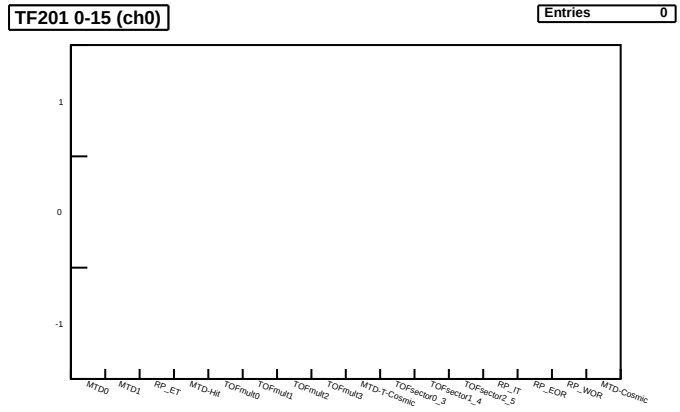

mFP201JP_FM103 large north
Entries 1.635843e+07
JP-T
JP-M
JP-B

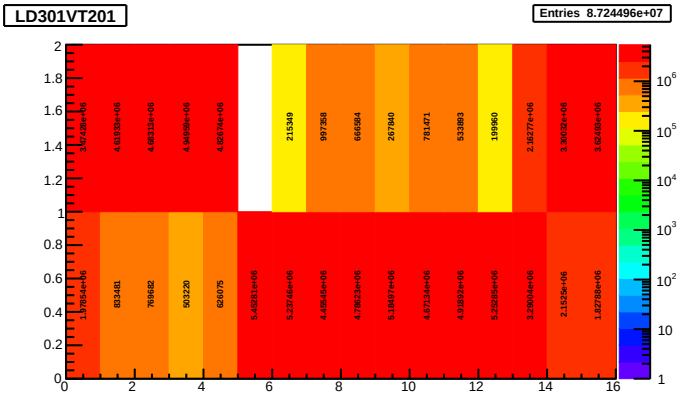

mFP201JPsim_FM103 large north
Entries 6250358
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.635843e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 6081780
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 8.724496e+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
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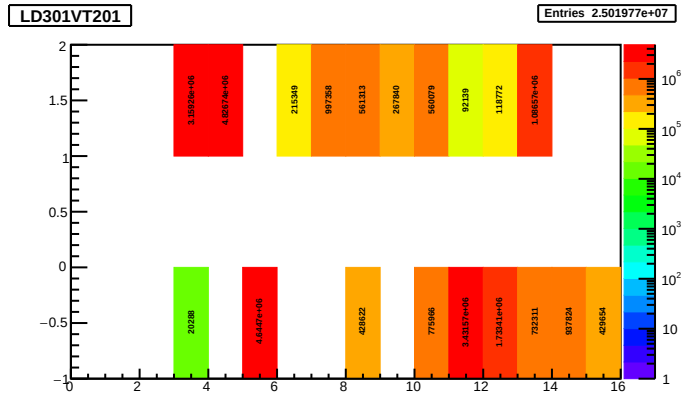
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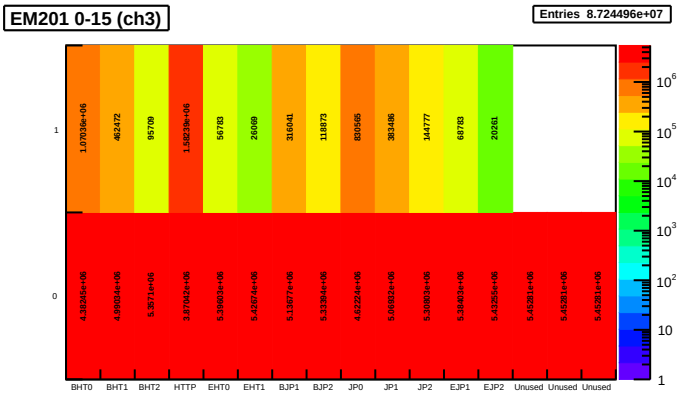
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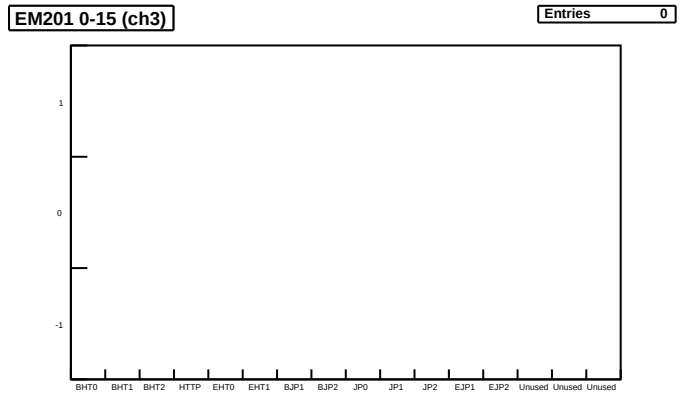
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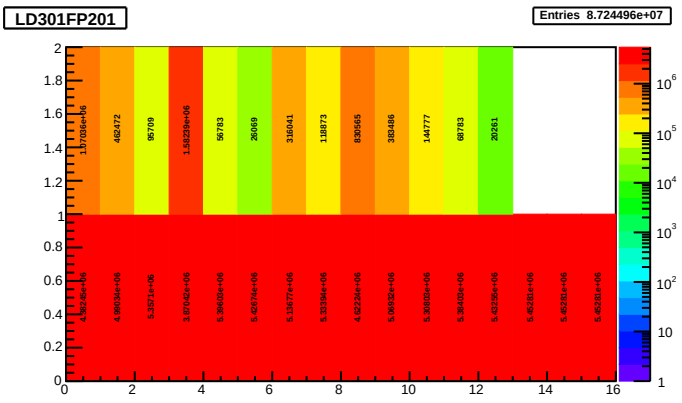
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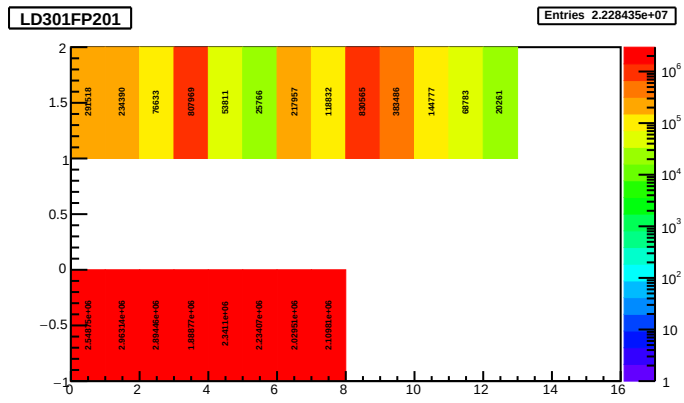
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Entries 2.228435e+07