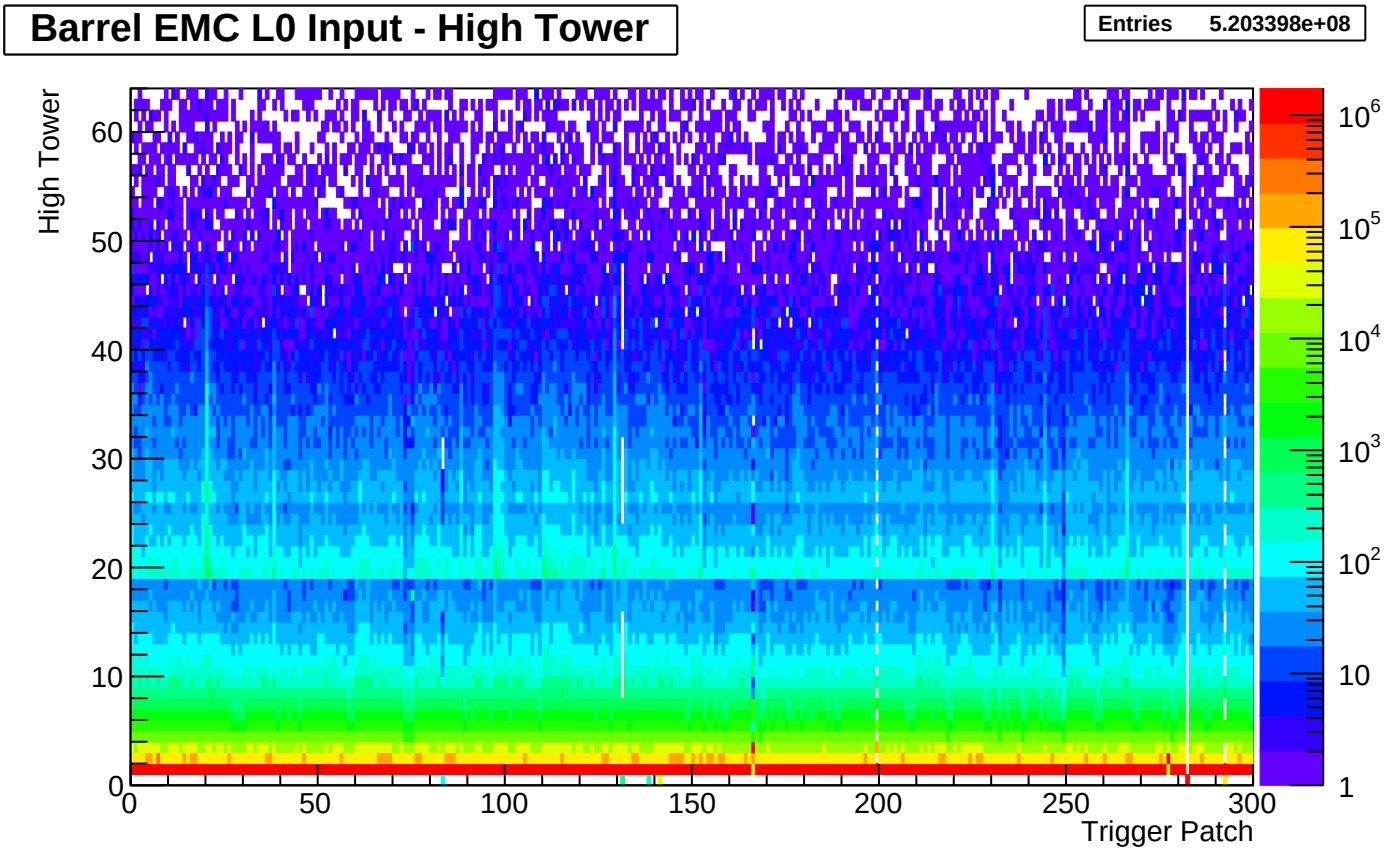
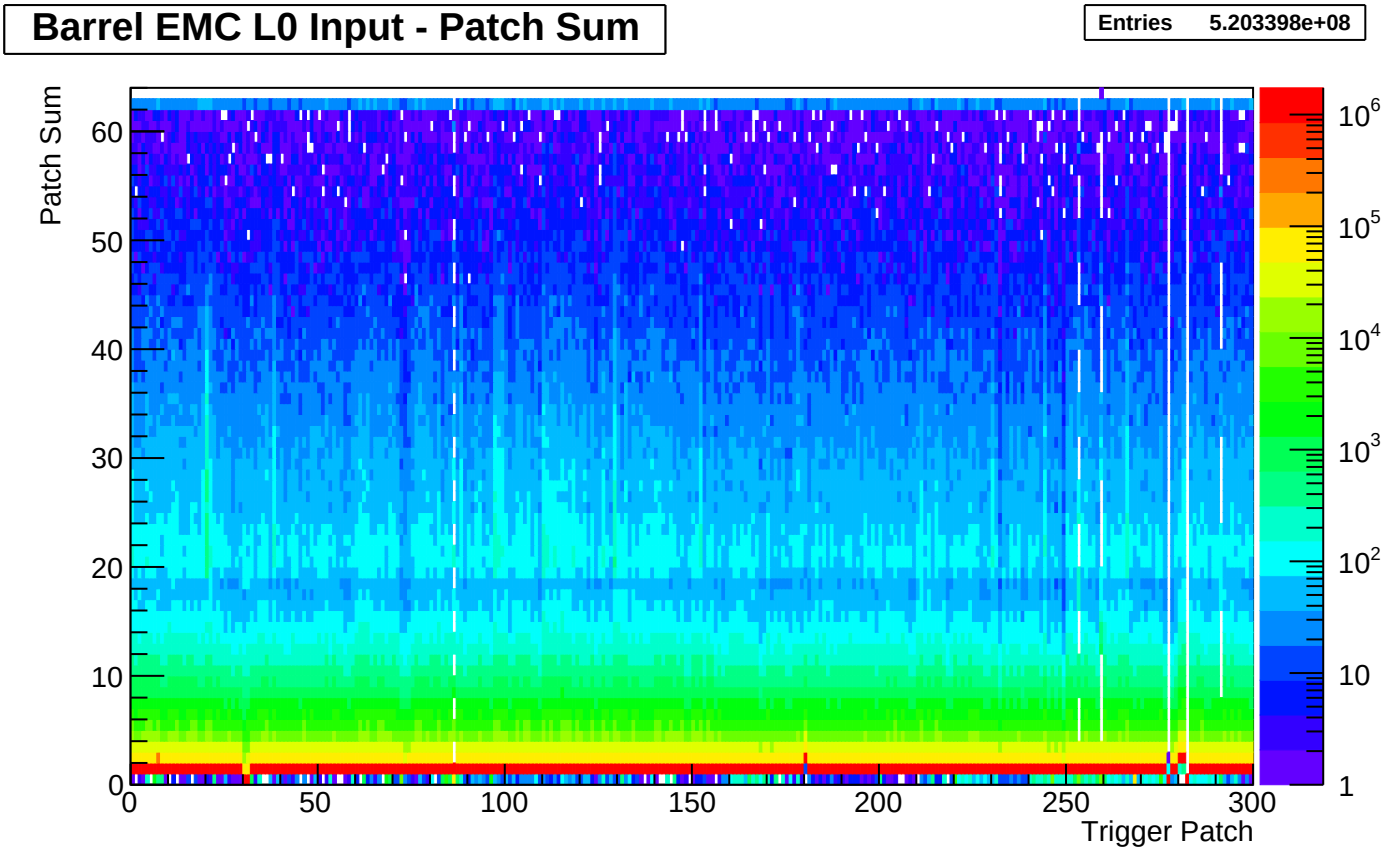
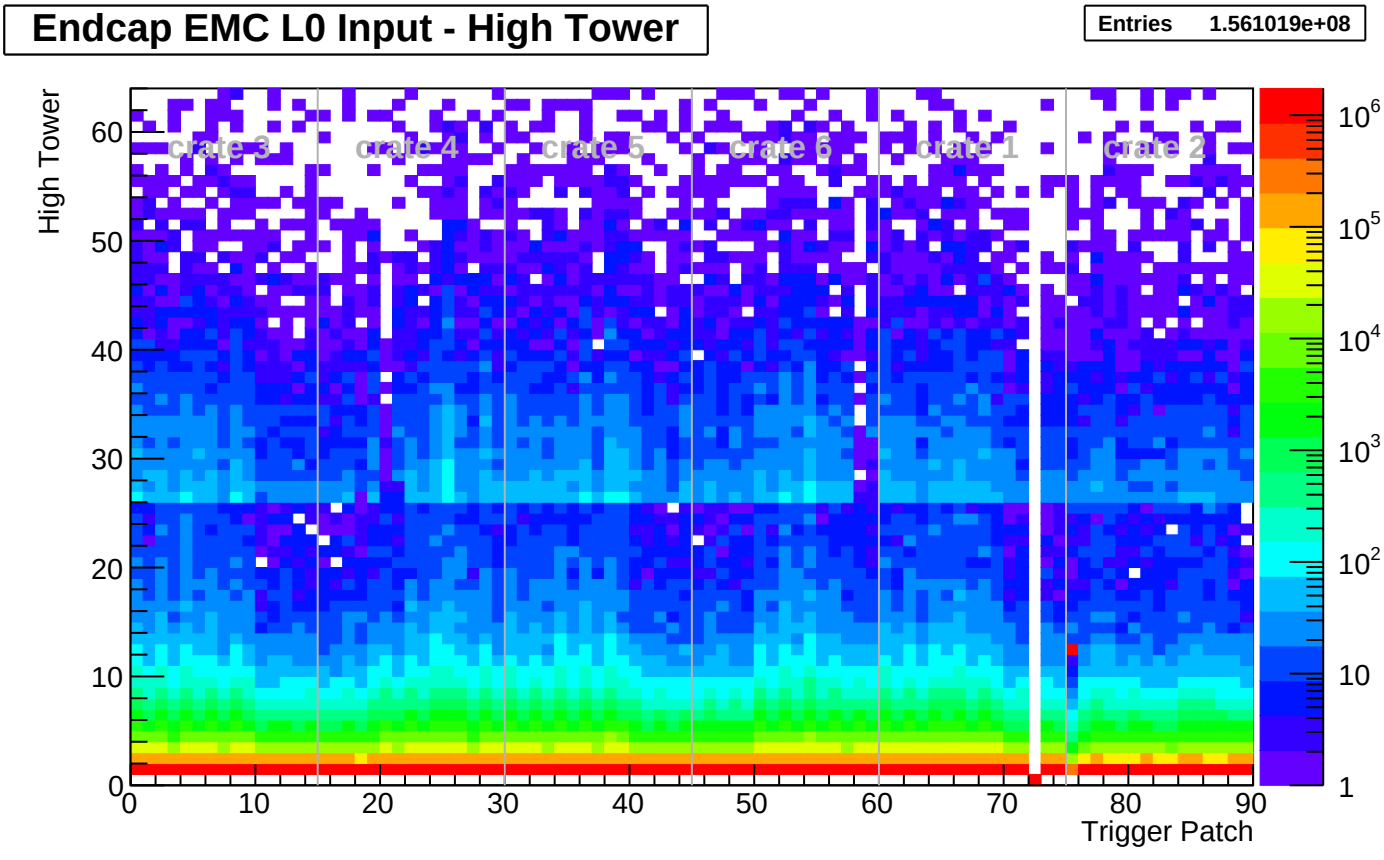
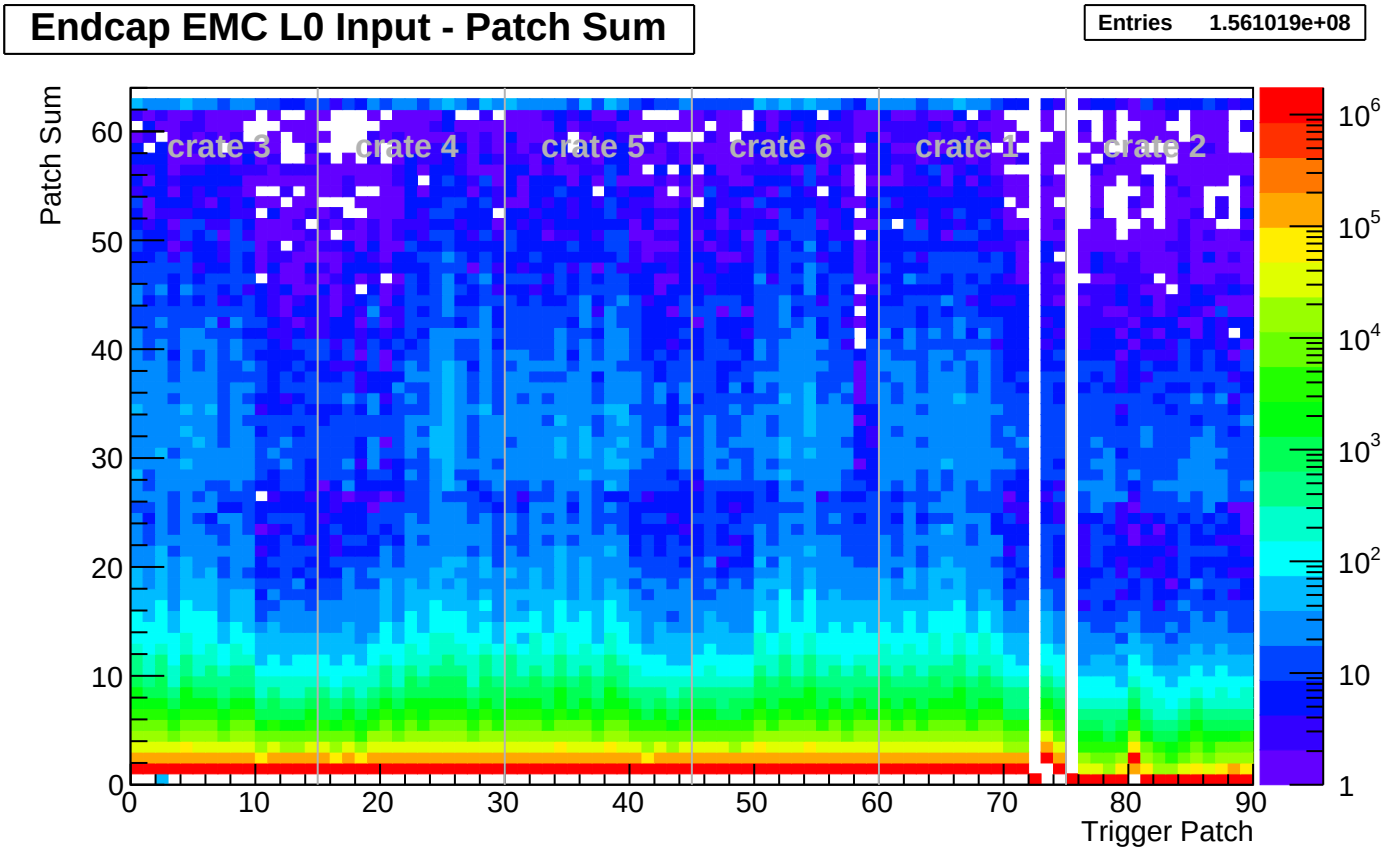
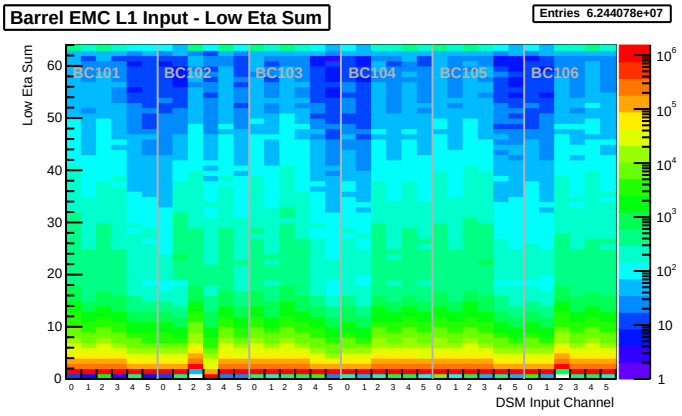
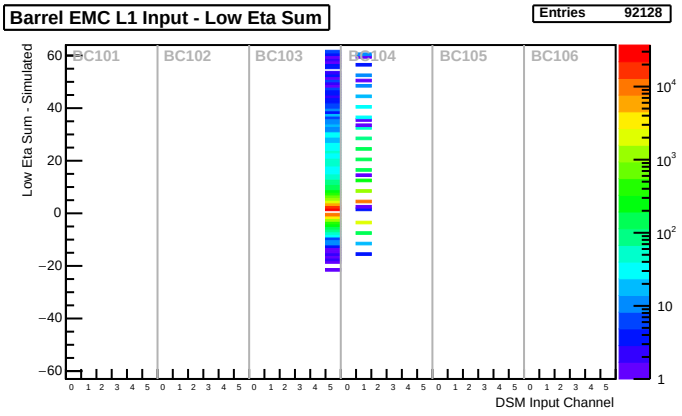

Barrel EMC L0 Input - High Tower
Entries 5.203398e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

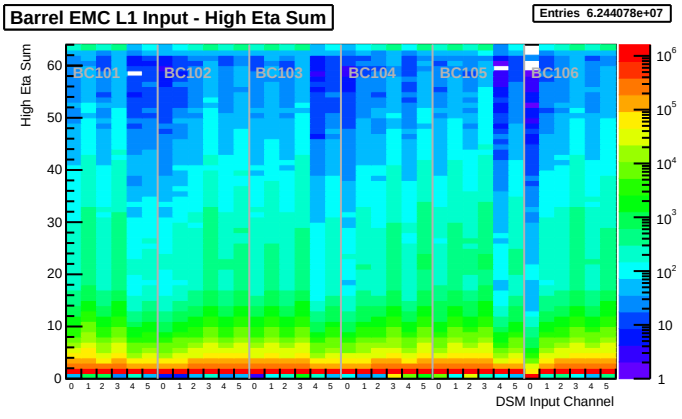

Barrel EMC L0 Input - Patch Sum
Entries 5.203398e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

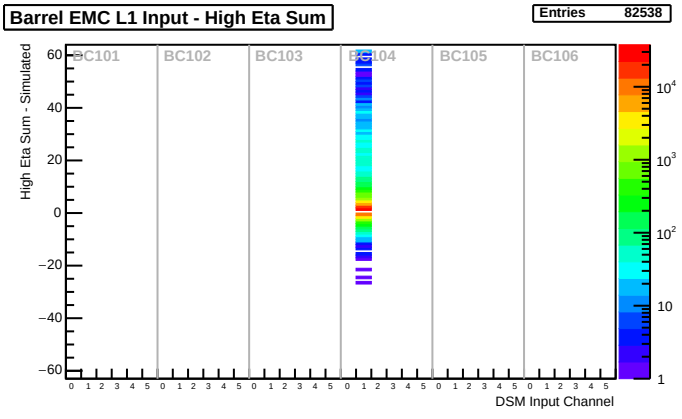

Endcap EMC L0 Input - High Tower
Entries 1.561019e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

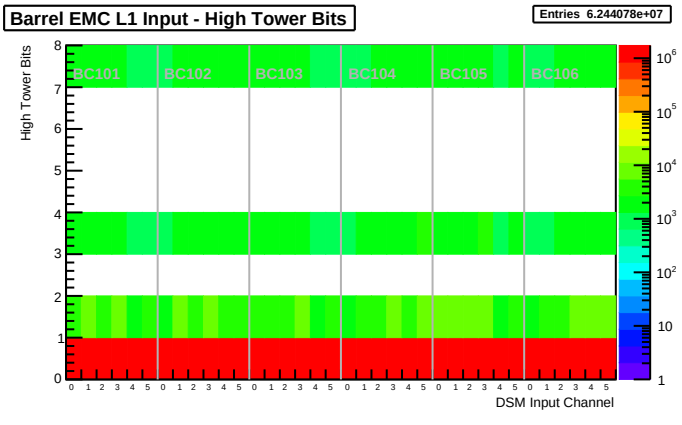

Endcap EMC L0 Input - Patch Sum
Entries 1.561019e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

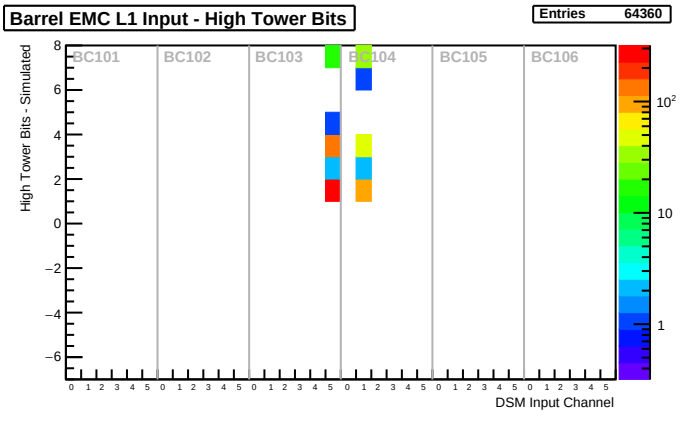

Barrel EMC L1 Input - Low Eta Sum
Entries 6.244078e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

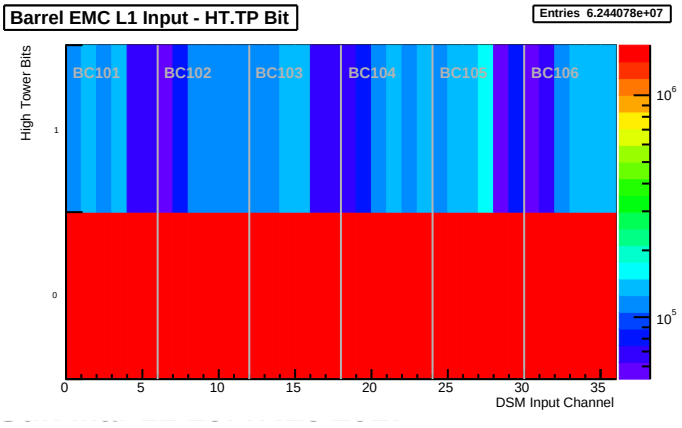

Barrel EMC L1 Input - Low Eta Sum
Entries 92128
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

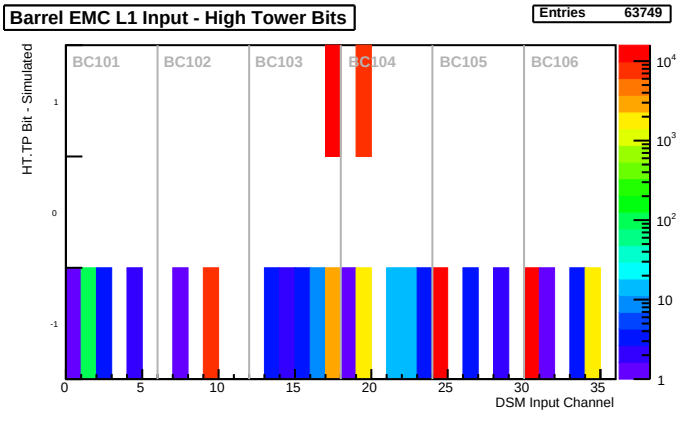

Barrel EMC L1 Input - High Eta Sum
Entries 6.244078e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

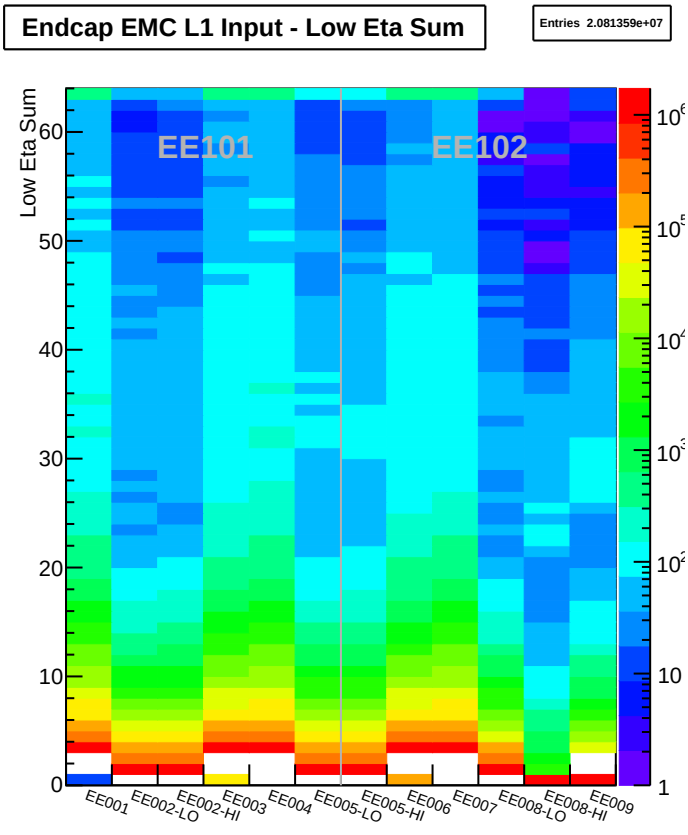

Barrel EMC L1 Input - High Eta Sum
Entries 82538
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

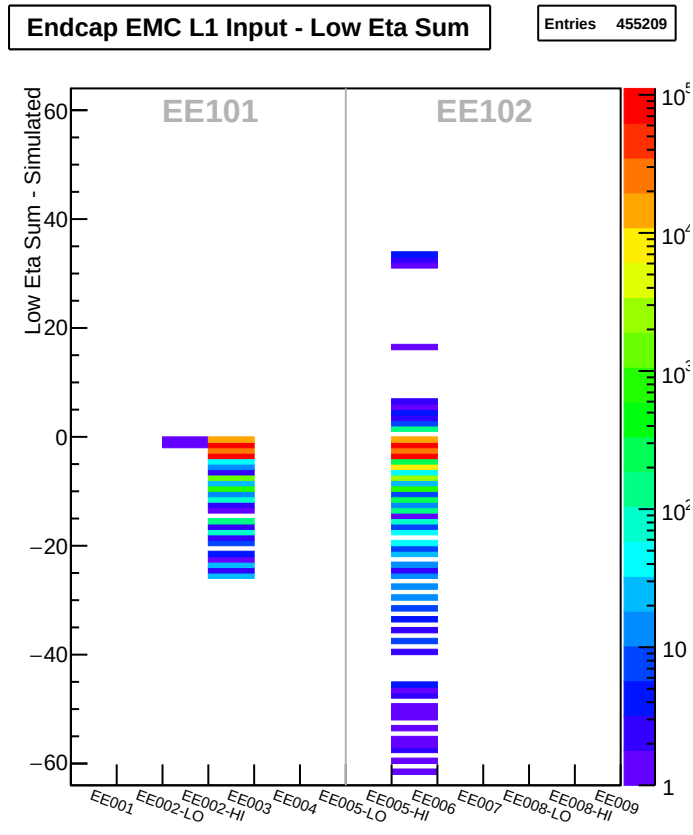

Barrel EMC L1 Input - High Tower Bits
Entries 6.244078e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

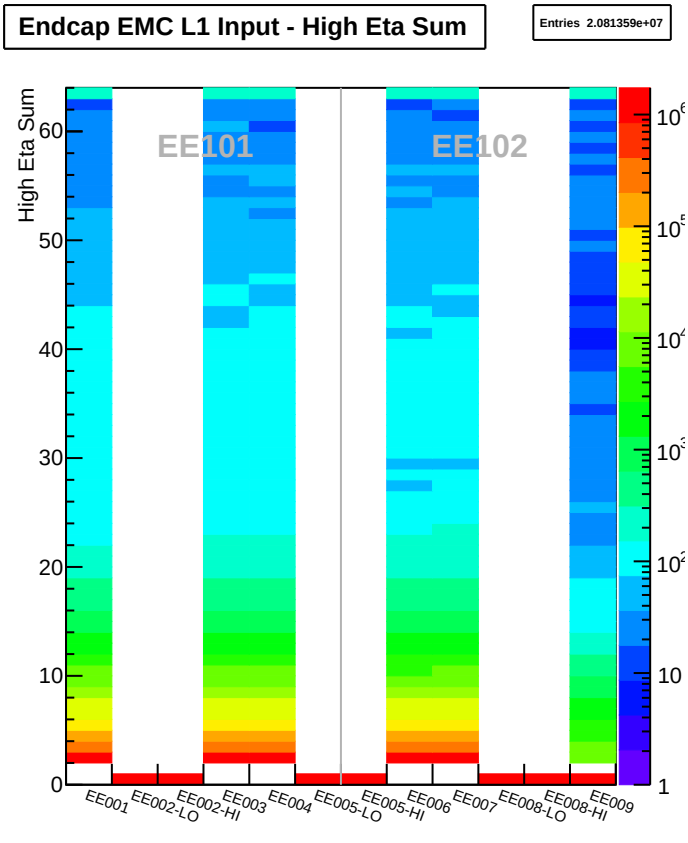

Barrel EMC L1 Input - High Tower Bits
Entries 64360
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

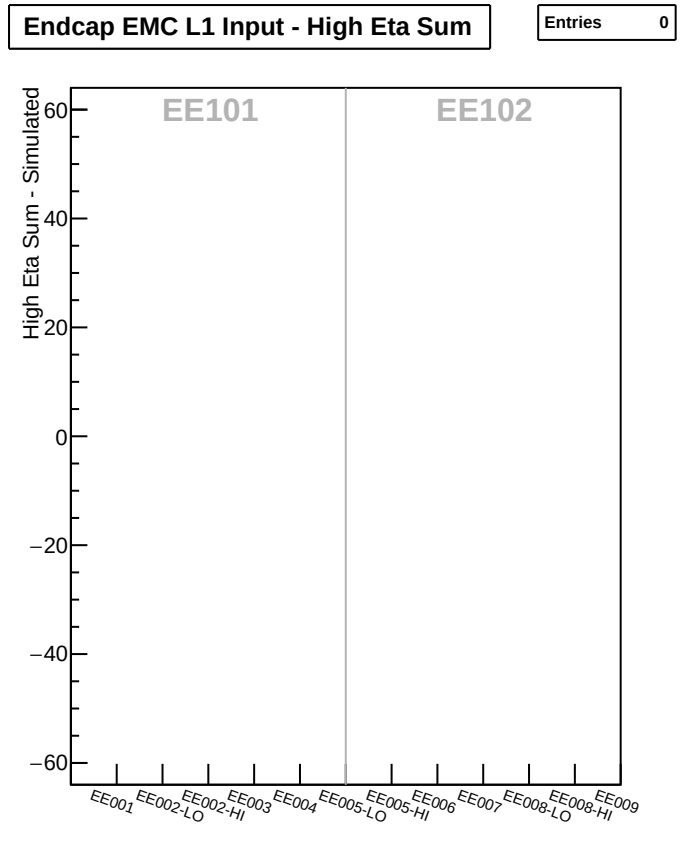

Barrel EMC L1 Input - HT.TP Bit
Entries 6.244078e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

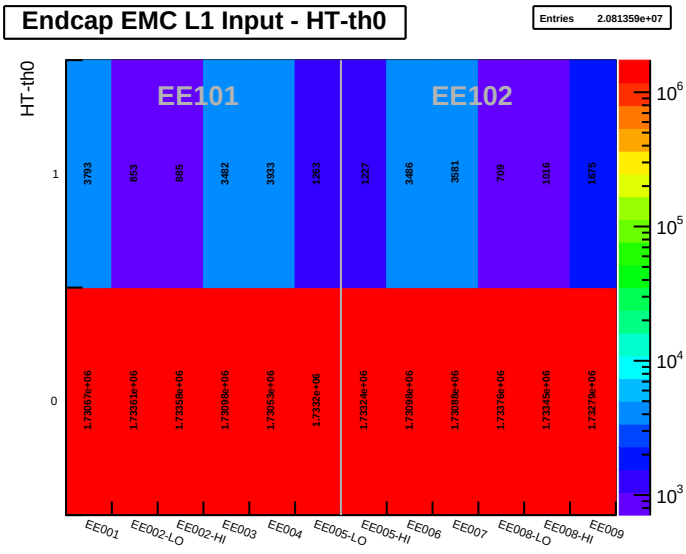

Barrel EMC L1 Input - High Tower Bits
Entries 63749
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

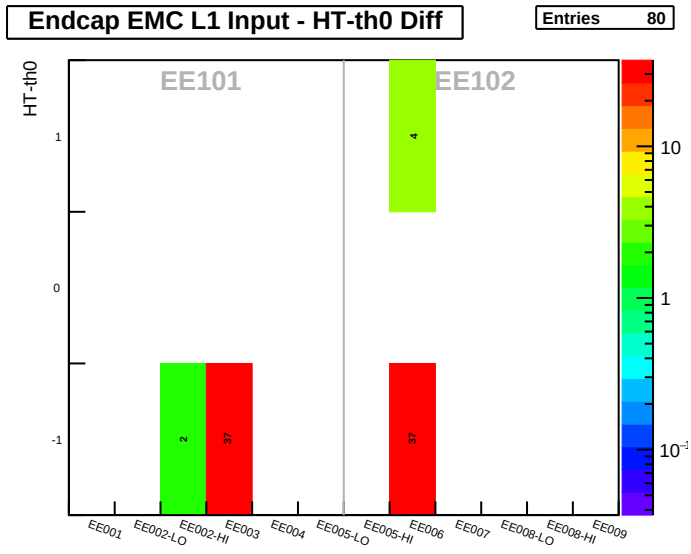

Endcap EMC L1 Input - Low Eta Sum
Entries 2.081359e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

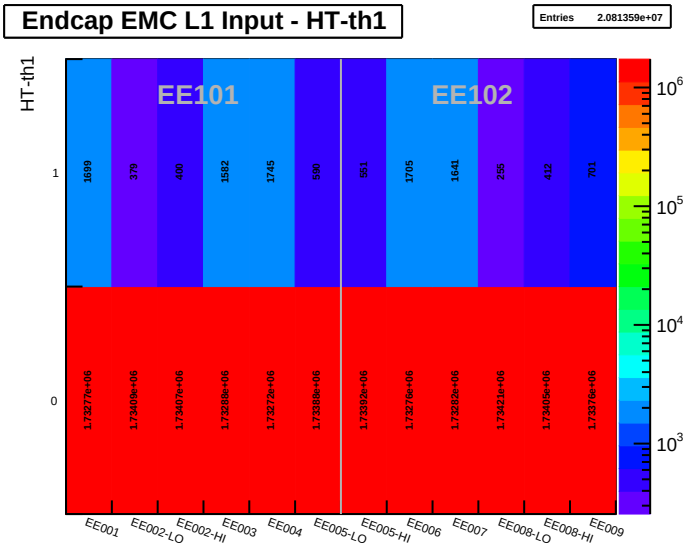

Endcap EMC L1 Input - Low Eta Sum
Entries 455209
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

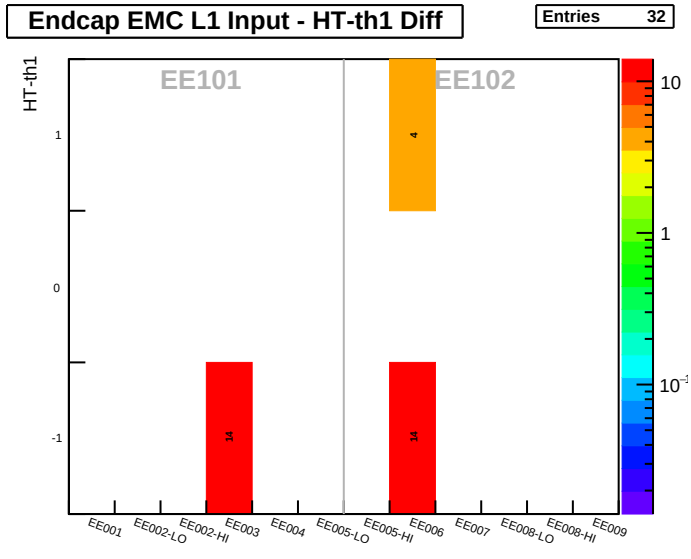

Endcap EMC L1 Input - High Eta Sum
Entries 2.081359e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

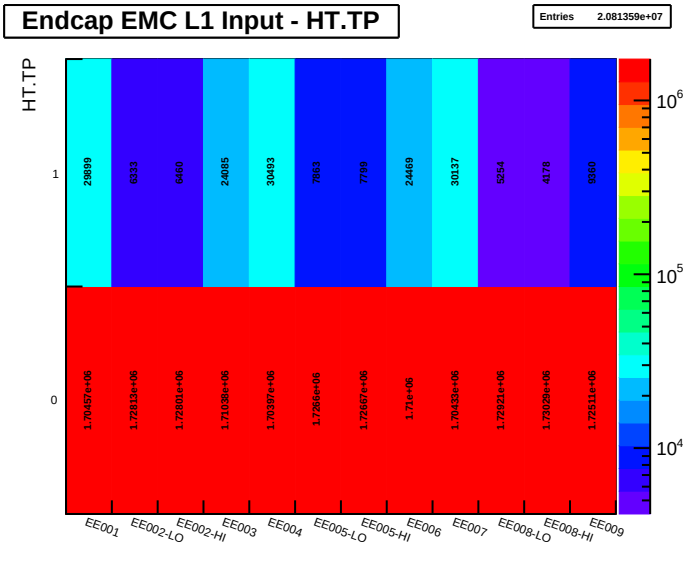

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

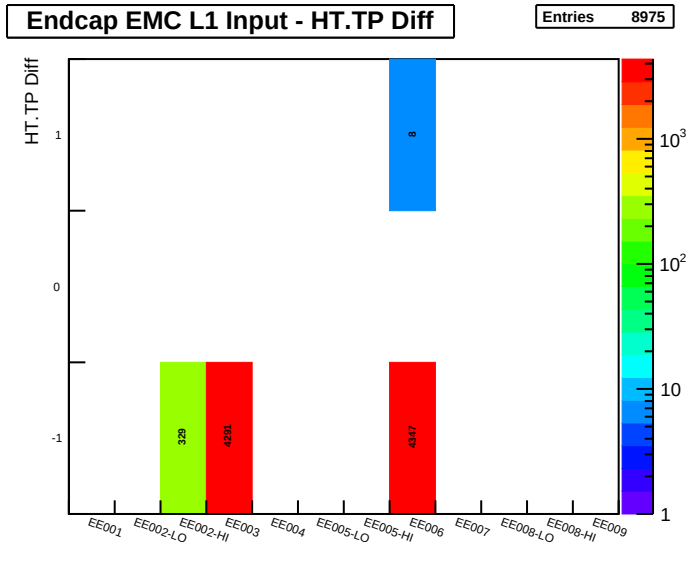

Endcap EMC L1 Input - HT-th0
Entries 2.081359e+07
HT-th0
EE101
EE102
1
0
3793 853 885 3482 3933 1263 1227 3486 3581 709 1016 1675
1.73067e+06 1.73361e+06 1.73358e+06 1.73098e+06 1.73053e+06 1.73332e+06 1.73324e+06 1.73098e+06 1.73089e+06 1.73376e+06 1.73345e+06 1.73279e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4 10^3

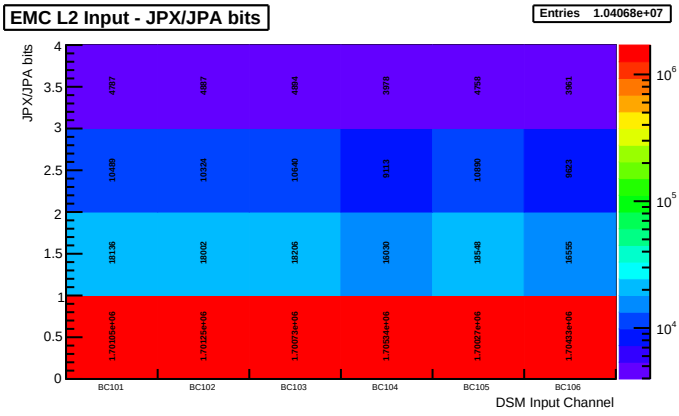

Endcap EMC L1 Input - HT-th0 Diff
Entries 80
HT-th0
EE101
EE102
1
0
-1
4
2 37 37
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10 1 10^{-1}

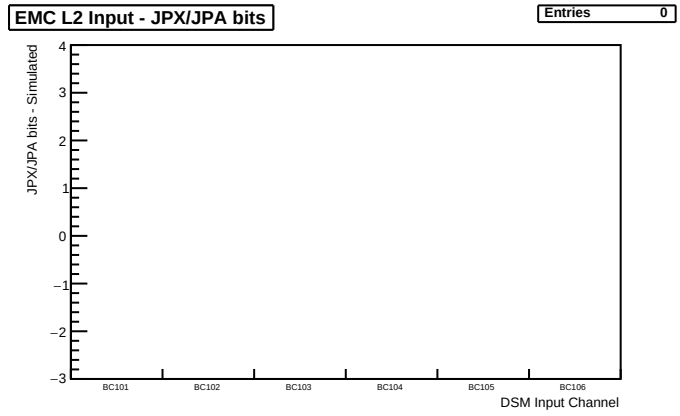

Endcap EMC L1 Input - HT-th1
Entries 2.081359e+07
HT-th1
EE101
EE102
1
0
1699 379 400 1582 1745 590 551 1705 1641 255 412 701
1.73277e+06 1.73409e+06 1.73407e+06 1.73298e+06 1.73272e+06 1.73398e+06 1.73392e+06 1.73276e+06 1.73282e+06 1.73421e+06 1.73405e+06 1.73376e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4 10^3

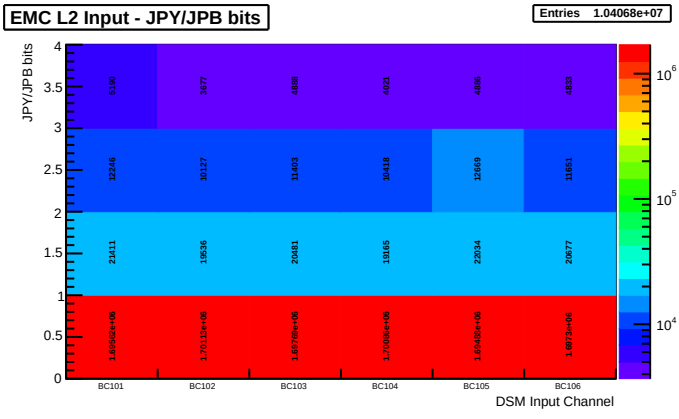

Endcap EMC L1 Input - HT-th1 Diff
Entries 32
HT-th1
EE101
EE102
1
0
-1
4
14 14
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10 1 10^{-1}

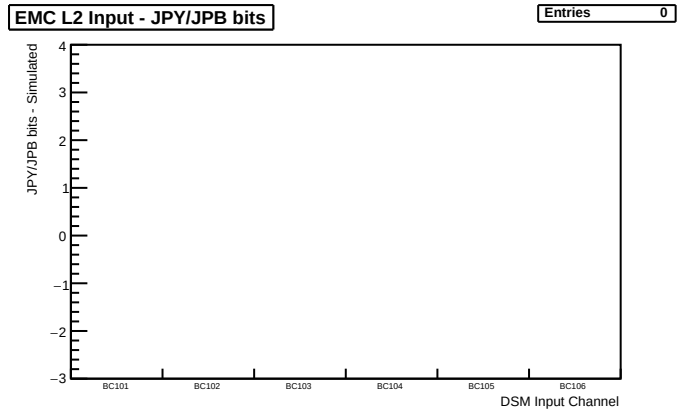

Endcap EMC L1 Input - HT.TP
Entries 2.081359e+07
HT.TP
1
0
29899 6333 6460 24085 30493 7863 7799 24469 30137 5254 4178 9360
1.70457e+06 1.72813e+05 1.72801e+06 1.71038e+06 1.70397e+06 1.72866e+06 1.72667e+06 1.71e+06 1.70433e+05 1.72921e+06 1.73029e+06 1.72511e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4

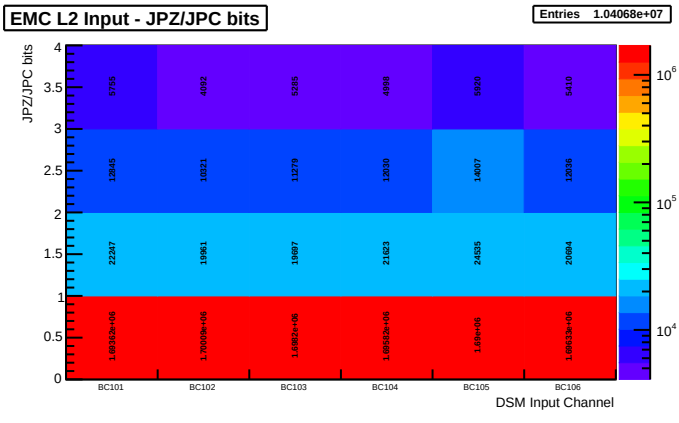

Endcap EMC L1 Input - HT.TP Diff
Entries 8975
HT.TP Diff
1
0
-1
8
329 4291 4347
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^3 10^2 10 1

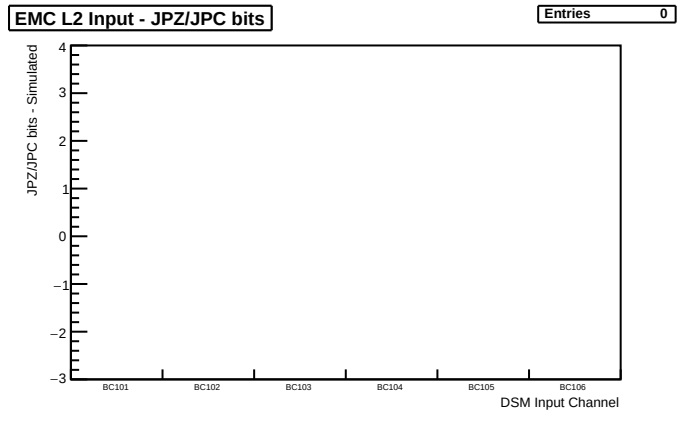

EMC L2 Input - JPX/JPA bits
Entries 1.04068e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

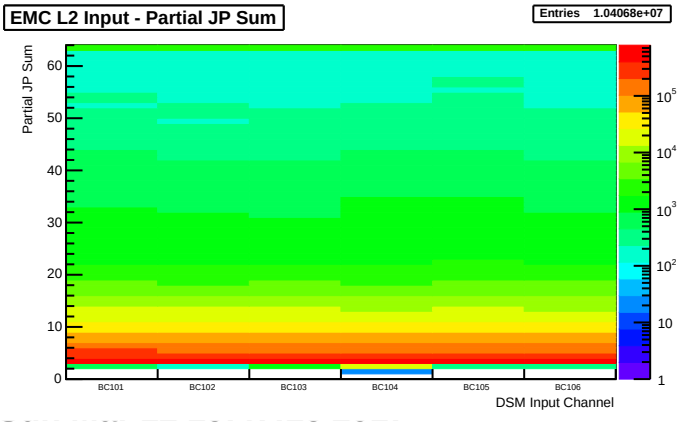

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

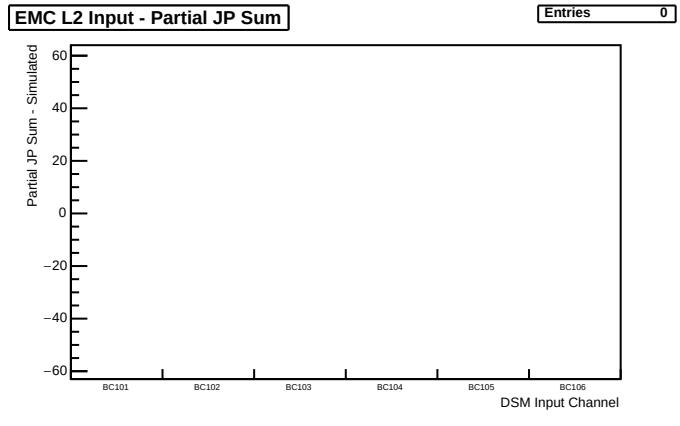

EMC L2 Input - JPY/JPB bits
Entries 1.04068e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

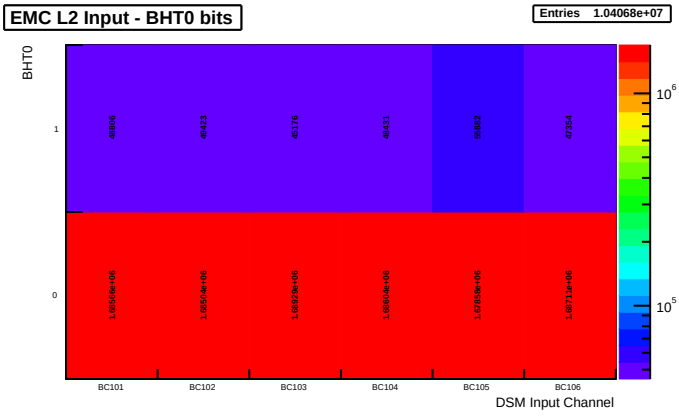

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

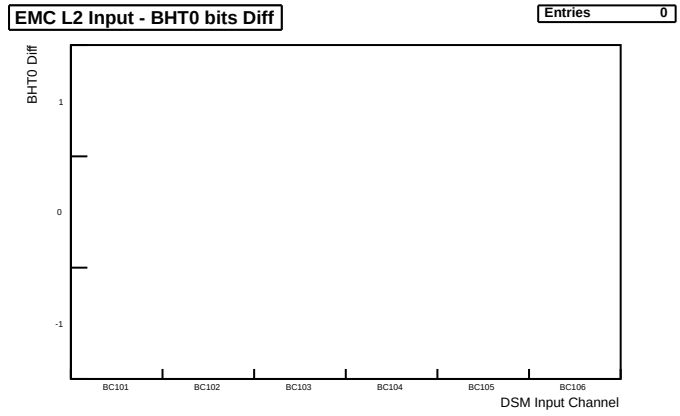

EMC L2 Input - JPZ/JPC bits
Entries 1.04068e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

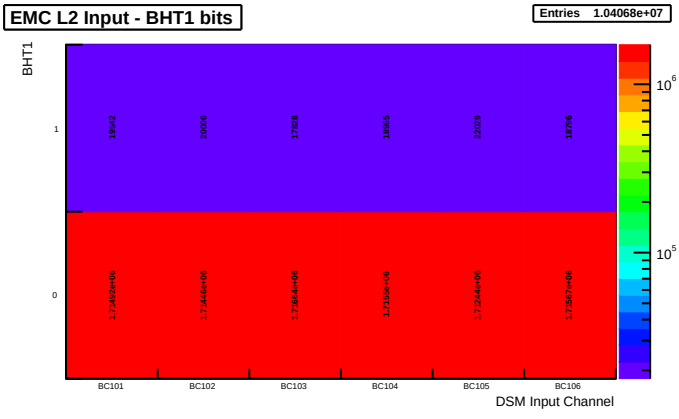

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

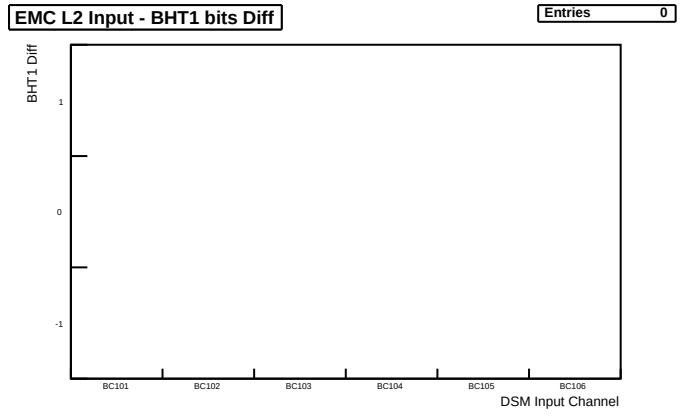

EMC L2 Input - Partial JP Sum
Entries 1.04068e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

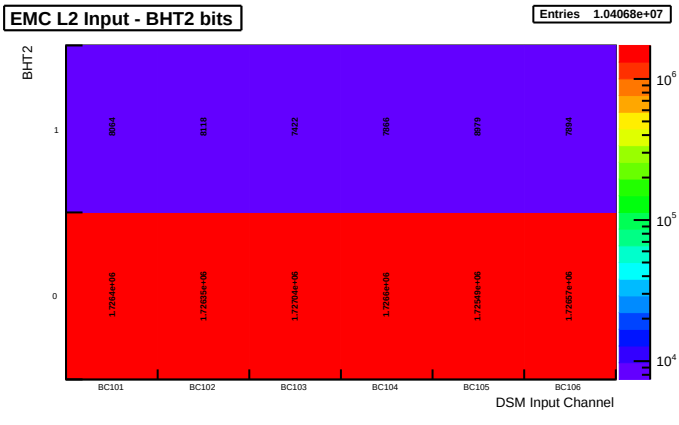

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

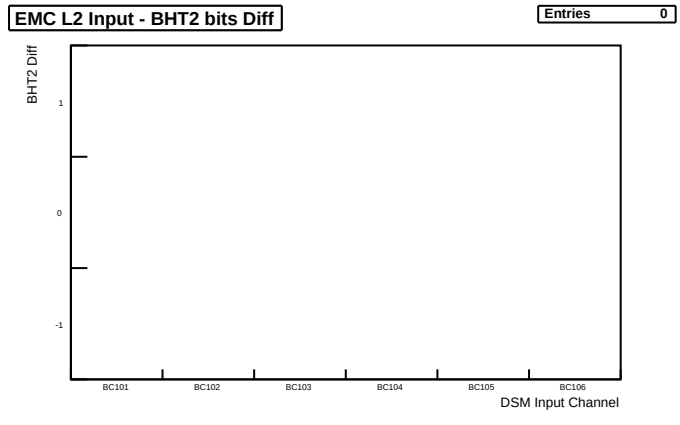

EMC L2 Input - BHT0 bits
Entries 1.04068e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

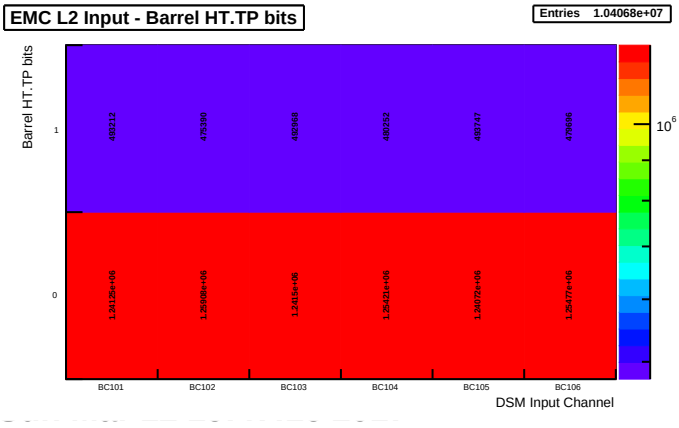

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel

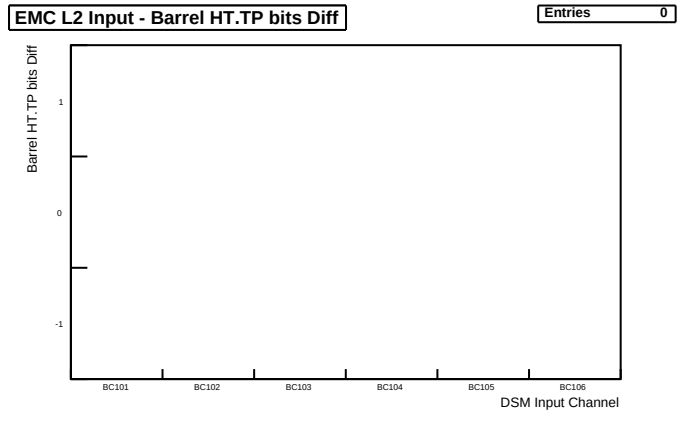

EMC L2 Input - BHT1 bits
Entries 1.04068e+07
BHT1
DSM Input Channel

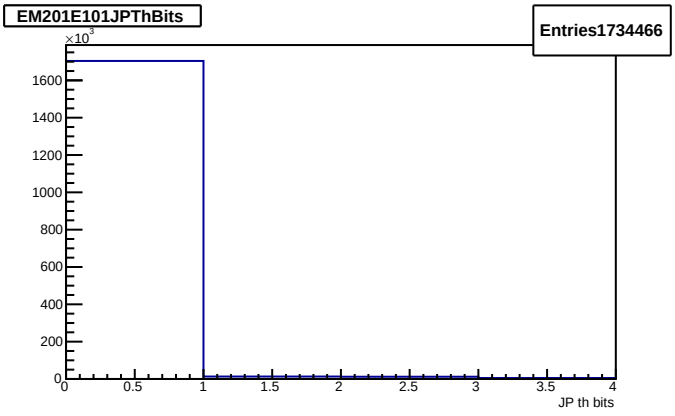

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel

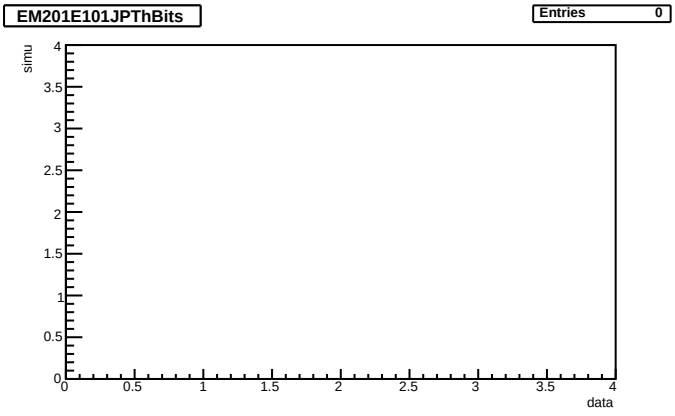

EMC L2 Input - BHT2 bits
Entries 1.04068e+07
BHT2
DSM Input Channel

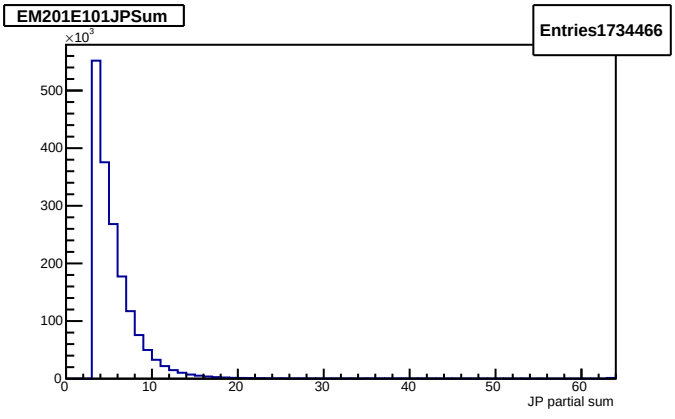

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel

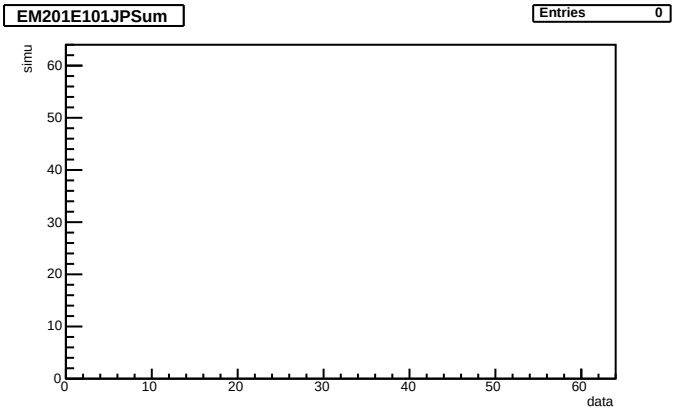

EMC L2 Input - Barrel HT.TP bits
Entries 1.04068e+07
Barrel HT.TP bits
DSM Input Channel

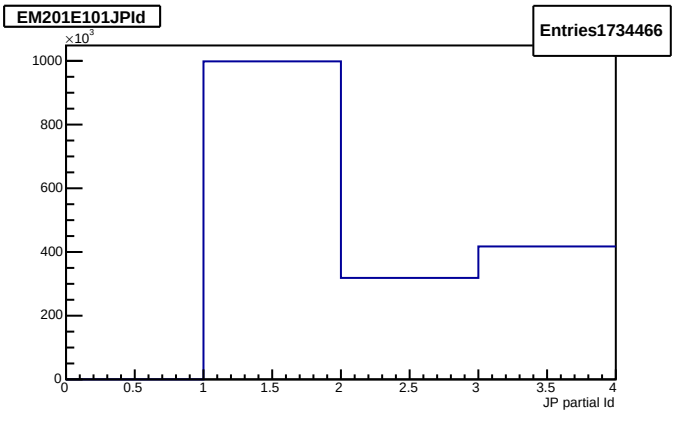

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel


EM201E101JPThBits
Entries1734466
×10^3
JP th bits


EM201E101JPThBits
Entries 0
simu
data


EM201E101JPSum
Entries1734466
×10^3
JP partial sum


EM201E101JPSum
Entries 0
simu
data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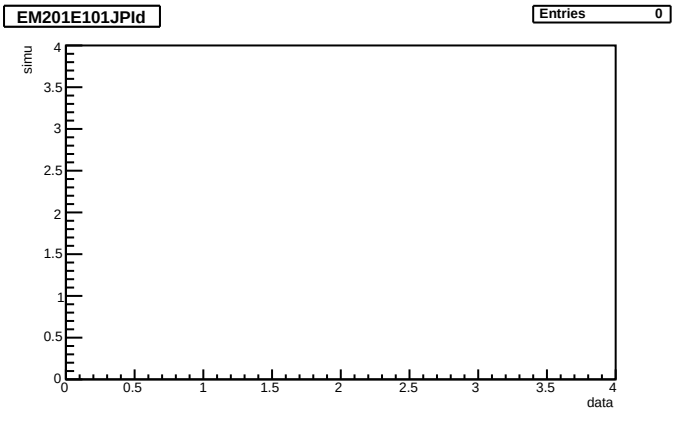
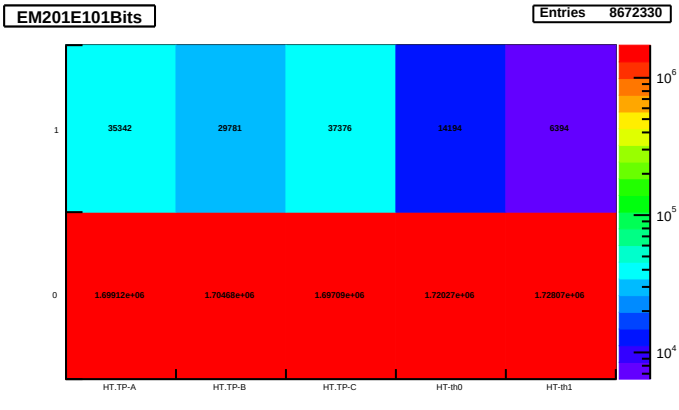
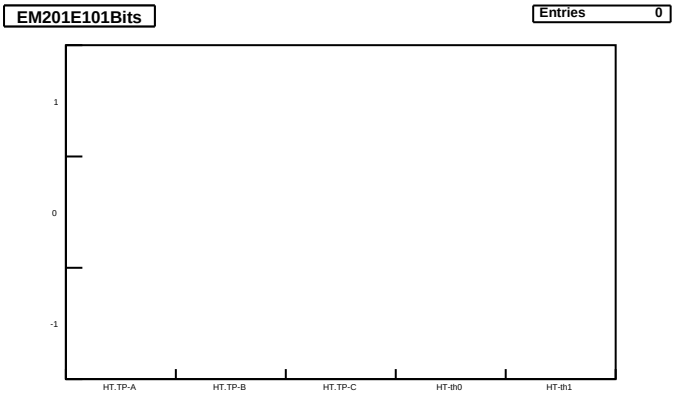
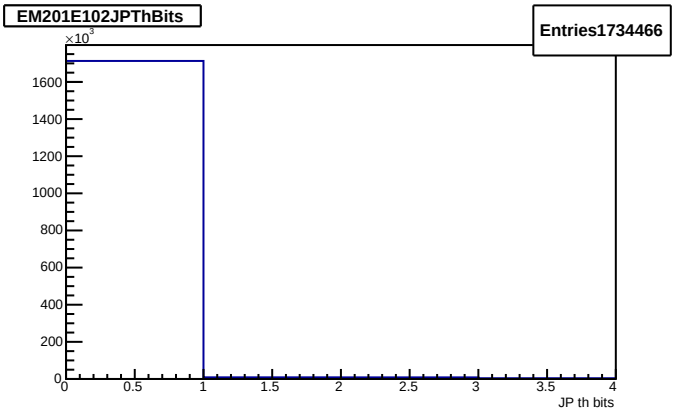
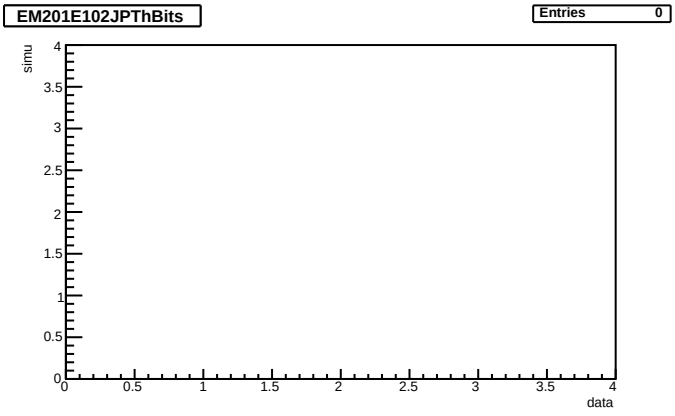
Entries1734466
×10^3
JP partial Id

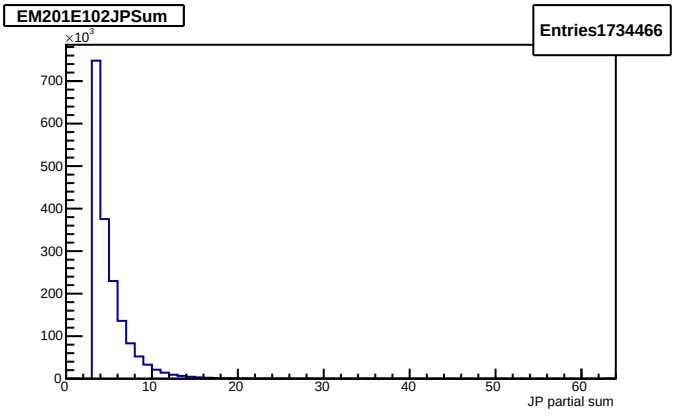

EM201E101JPId
Entries 0
simu
data

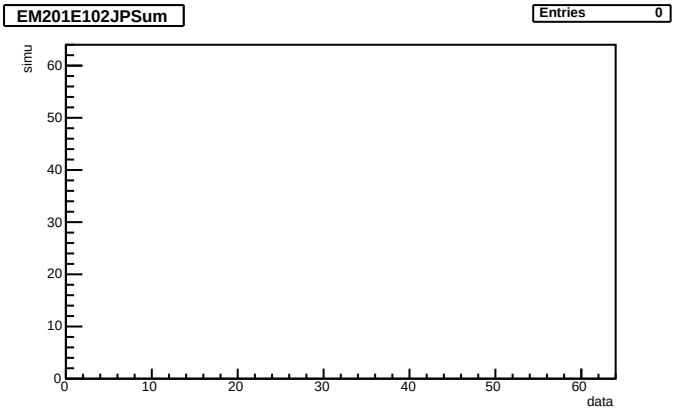

EM201E101Bits
Entries 8672330
35342
29781
37376
14194
6394
1.69912e+06
1.70468e+06
1.69709e+06
1.72027e+06
1.72807e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

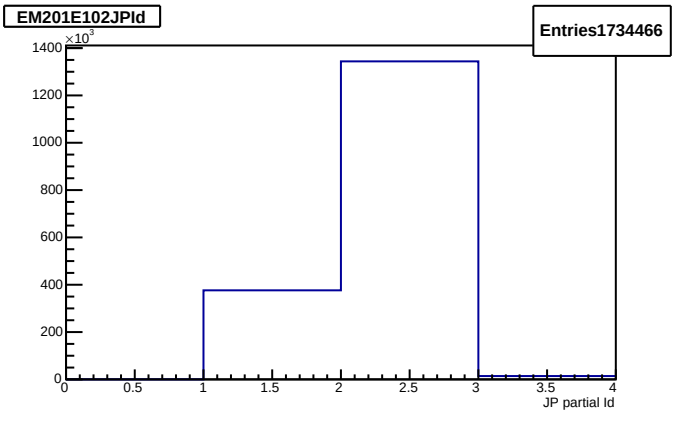

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

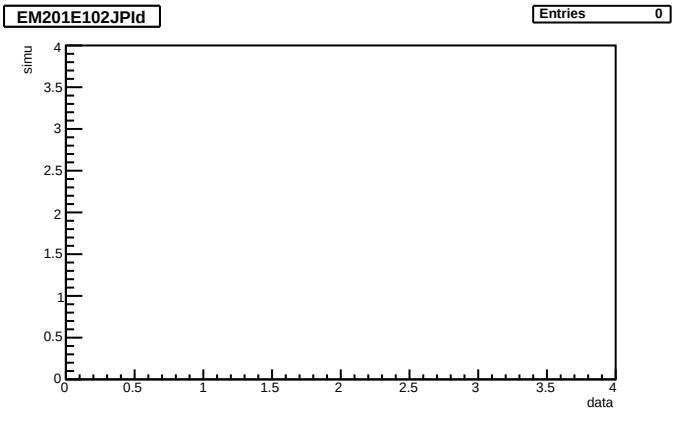

EM201E102JPThBits
Entries1734466
×10^3
JP th bits

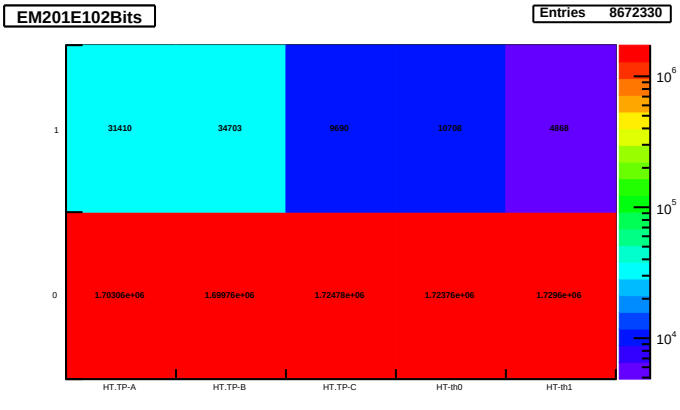

EM201E102JPThBits
Entries 0
simu
data

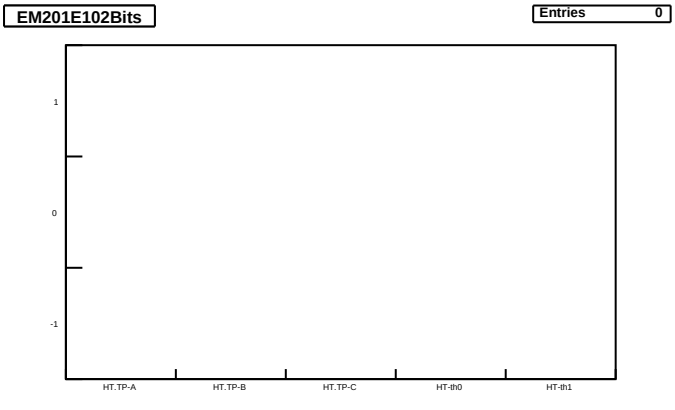

EM201E102JPSum
Entries1734466
×10^3
JP partial sum

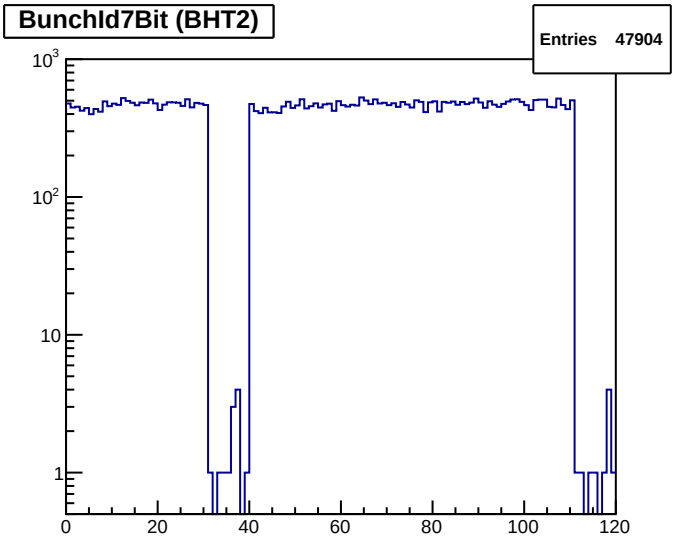

EM201E102JPSum
Entries 0
simu
data

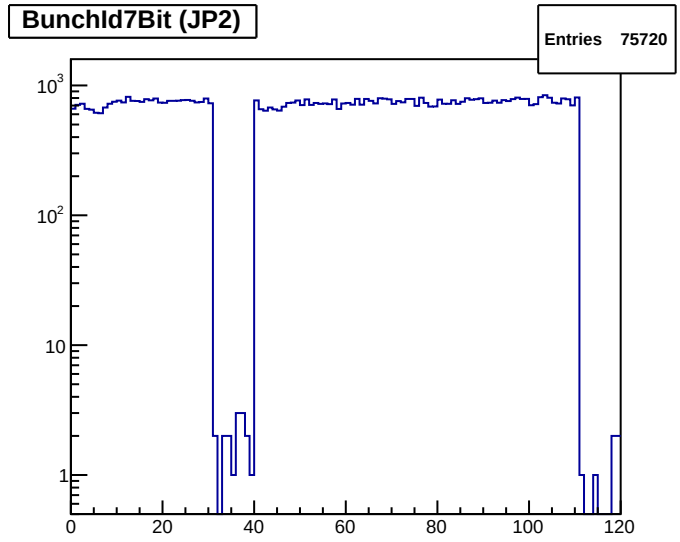

EM201E102JPId
Entries1734466
×10^3
JP partial Id

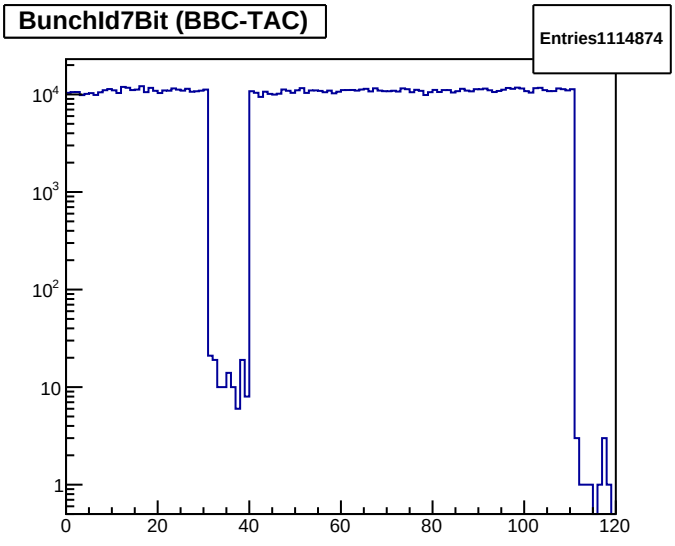

EM201E102JPId
Entries 0
simu
data

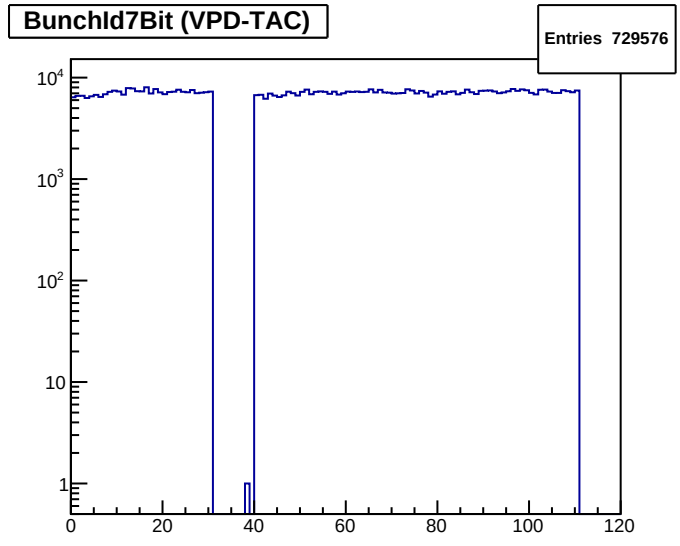

EM201E102Bits
Entries 8672330
31410
34703
9690
10708
4068
1.70306e+06
1.69976e+06
1.72478e+06
1.72376e+06
1.7296e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

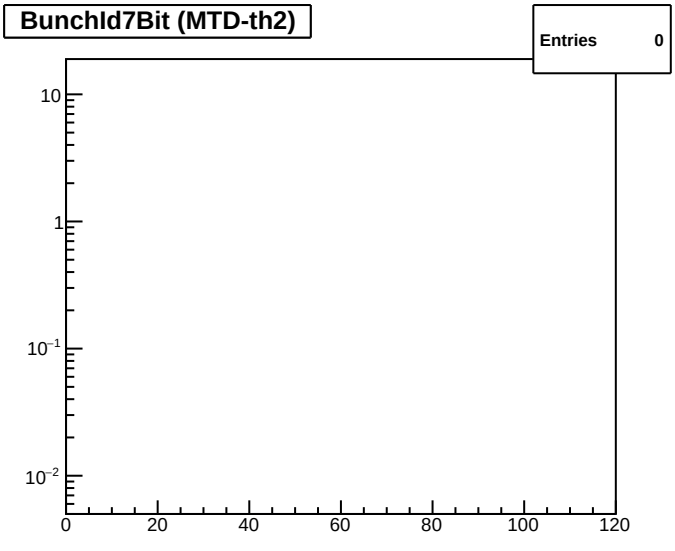

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

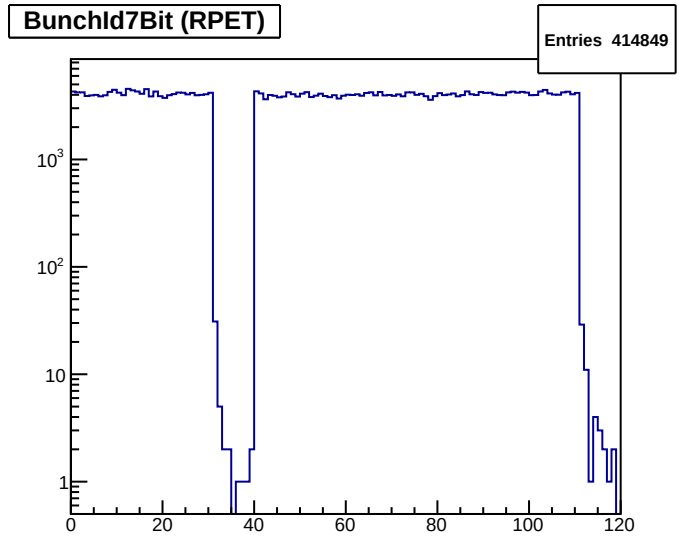

BunchId7Bit (BHT2)
Entries 47904

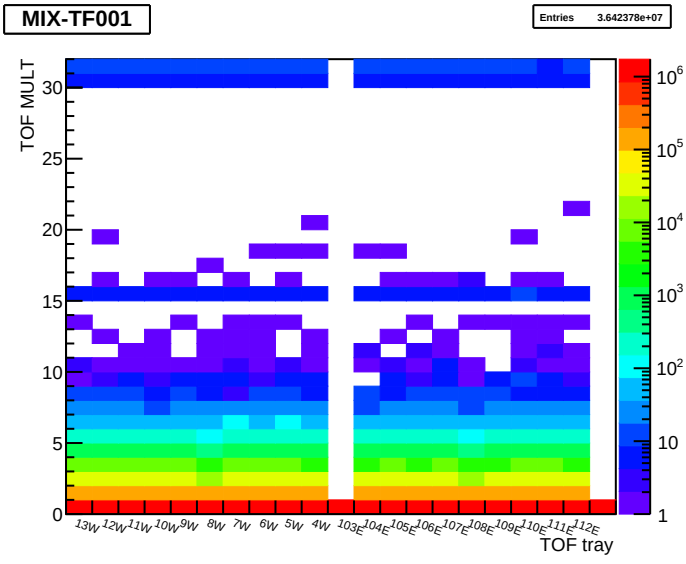

BunchId7Bit (JP2)
Entries 75720

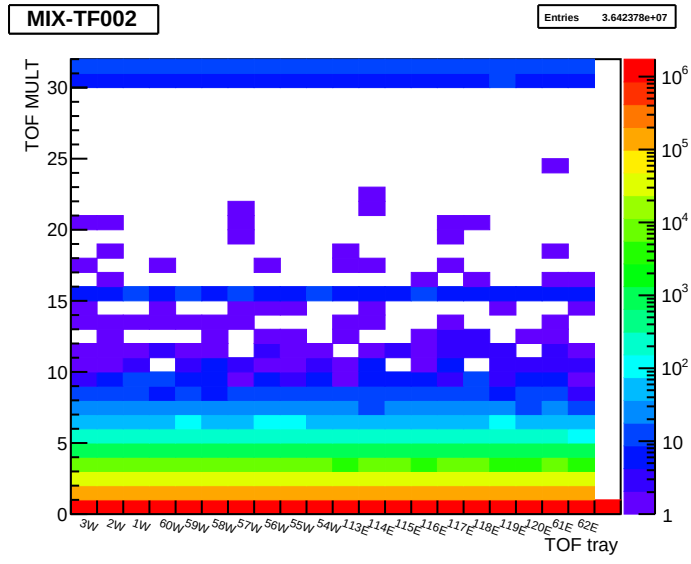

BunchId7Bit (BBC-TAC)
Entries1114874

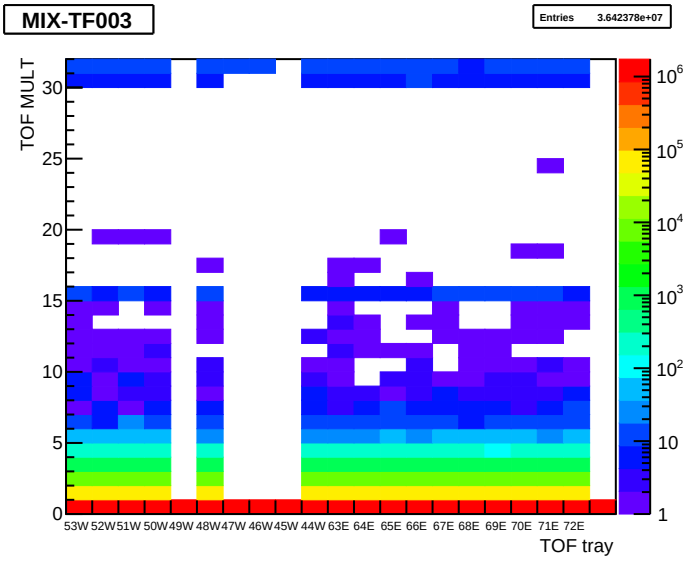

BunchId7Bit (VPD-TAC)
Entries 729576

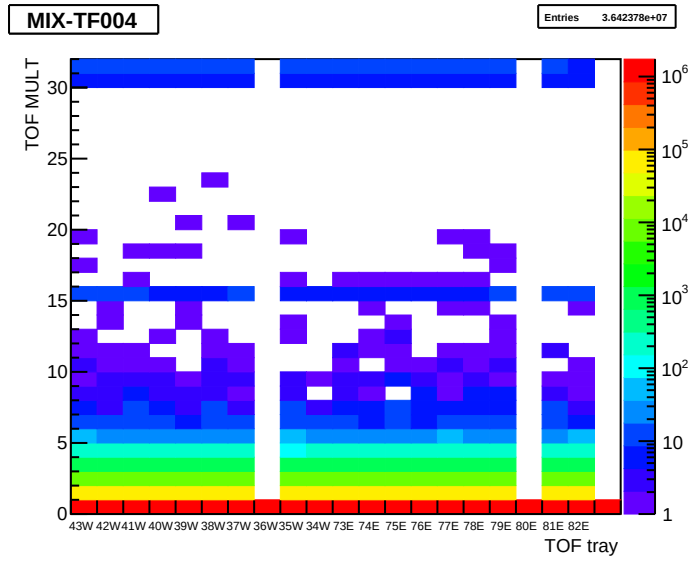

BunchId7Bit (MTD-th2)
Entries 0

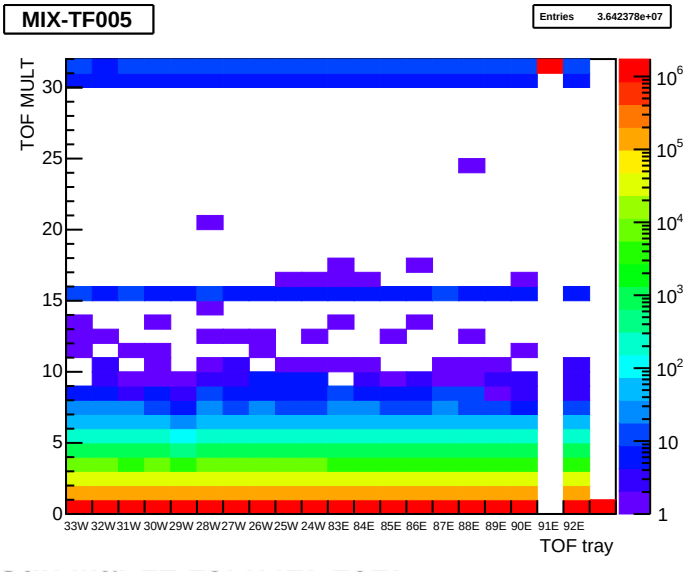

BunchId7Bit (RPET)
Entries 414849

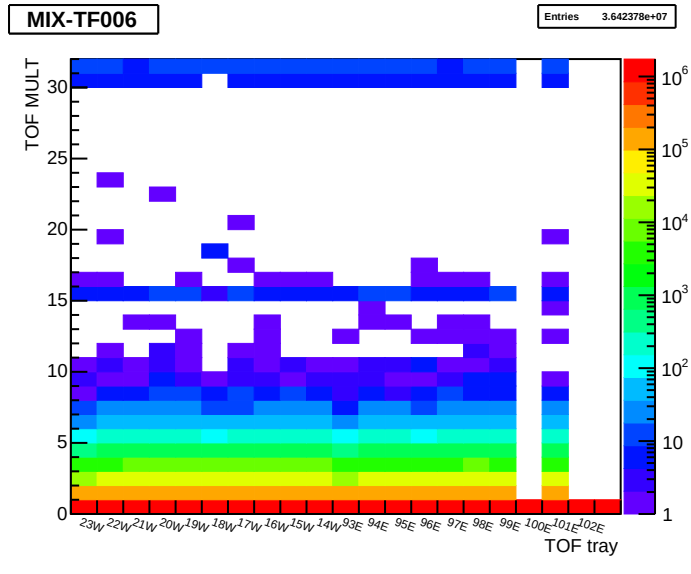

MIX-TF001
Entries 3.642378e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

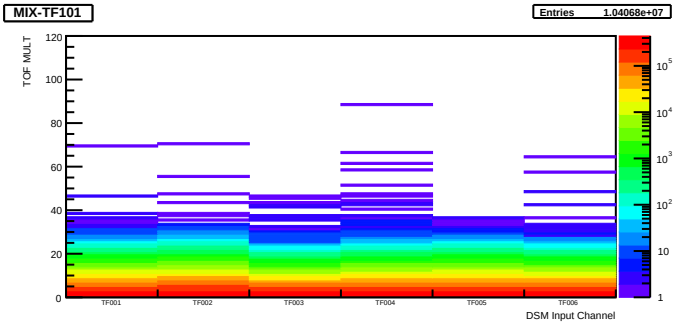

MIX-TF002
Entries 3.642378e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

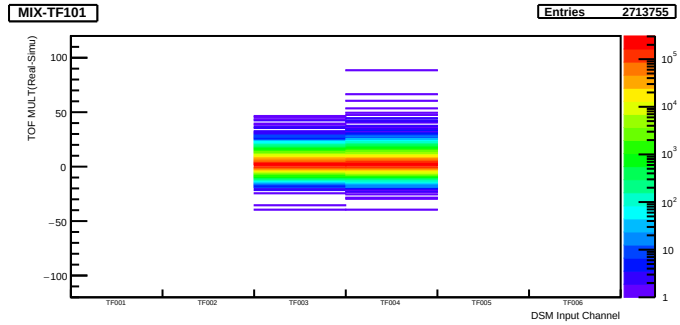

MIX-TF003
Entries 3.642378e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

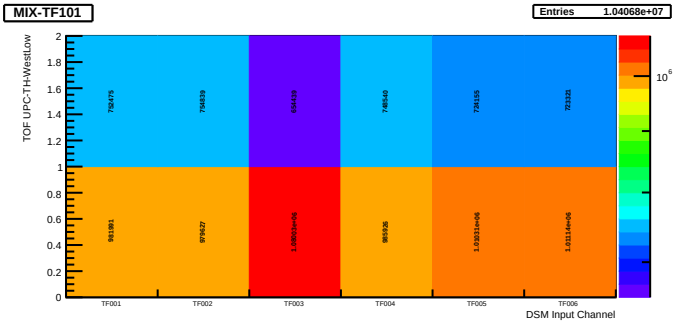

MIX-TF004
Entries 3.642378e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

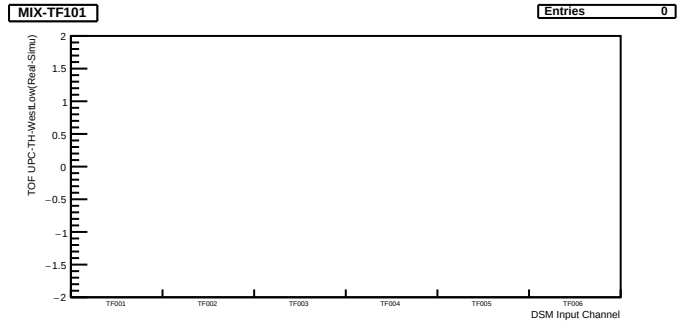

MIX-TF005
Entries 3.642378e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

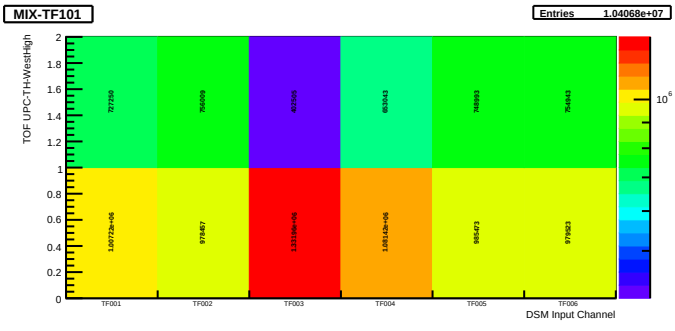

MIX-TF006
Entries 3.642378e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

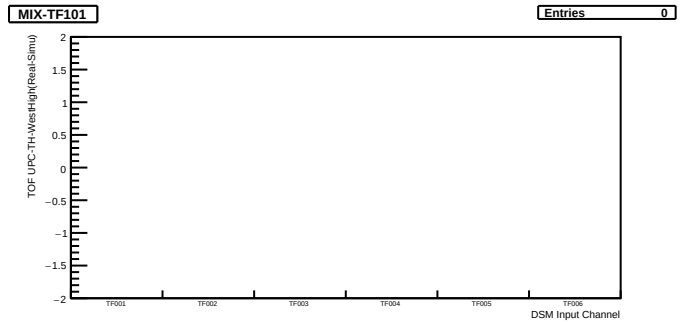

MIX-TF101
Entries 1.04068e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

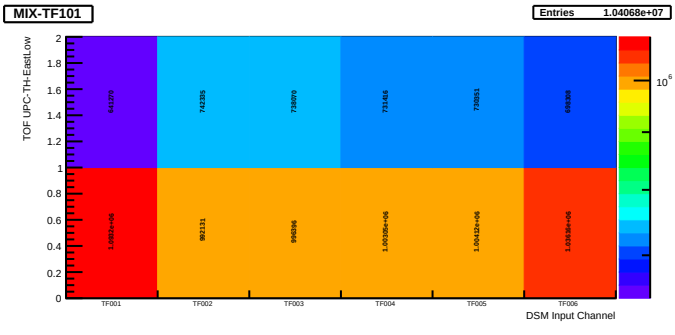

MIX-TF101
Entries 2713755
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

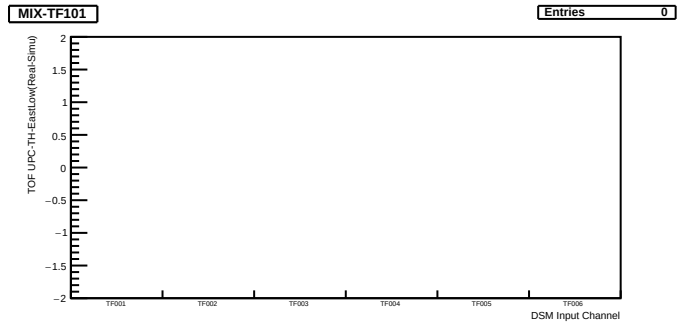

MIX-TF101
Entries 1.04068e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

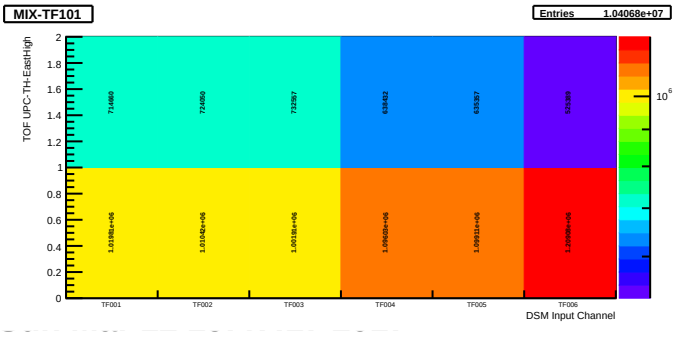

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

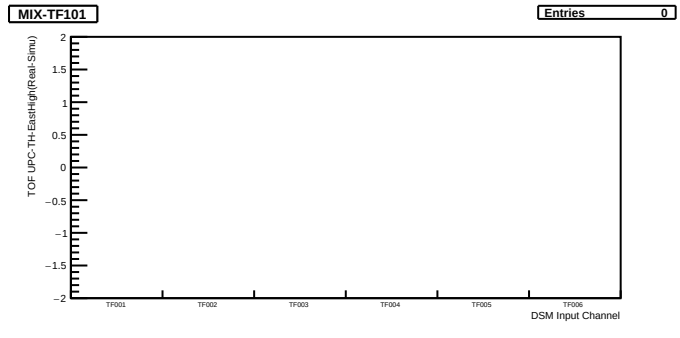

MIX-TF101
Entries 1.04068e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

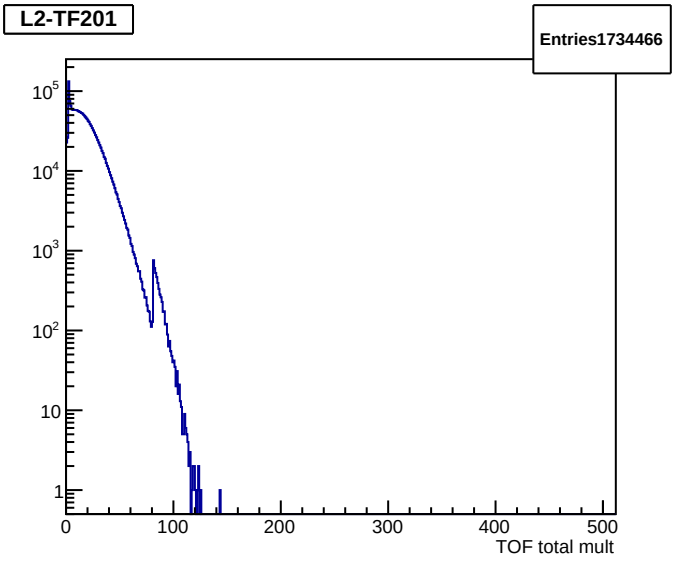

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

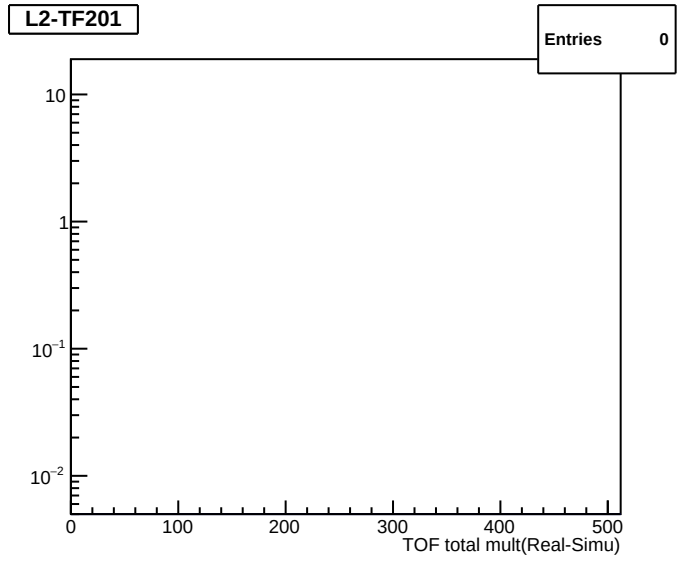

MIX-TF101
Entries 1.04068e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

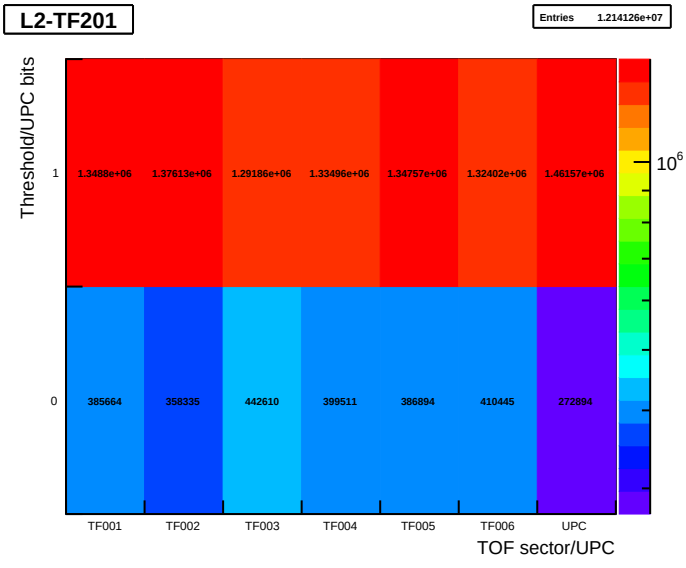

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

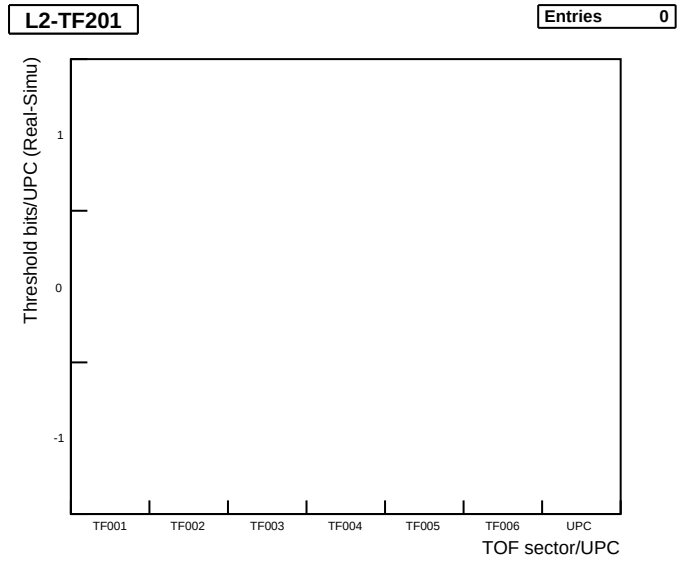

MIX-TF101
Entries 1.04068e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

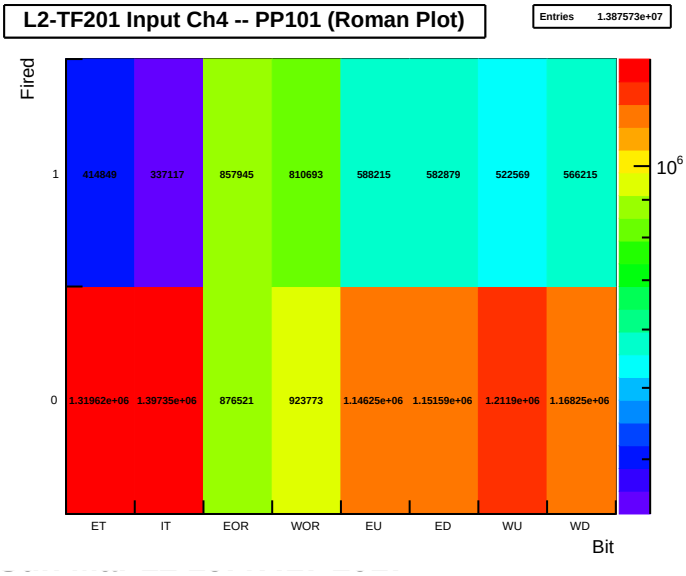

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

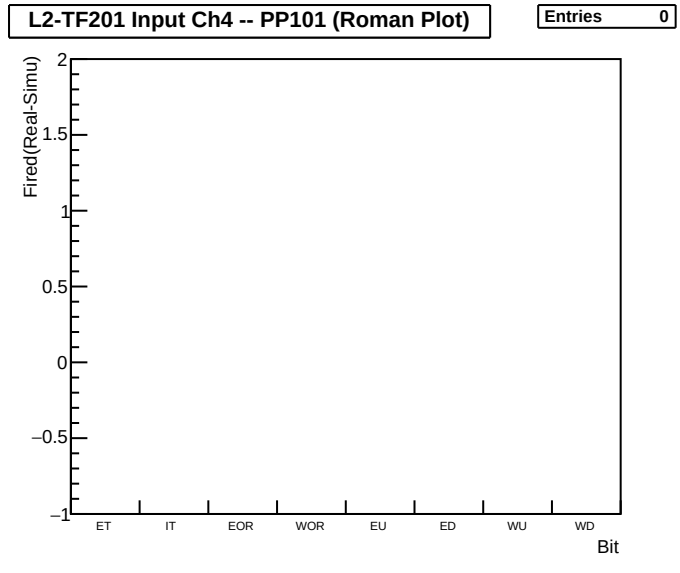

L2-TF201
Entries1734466
TOF total mult

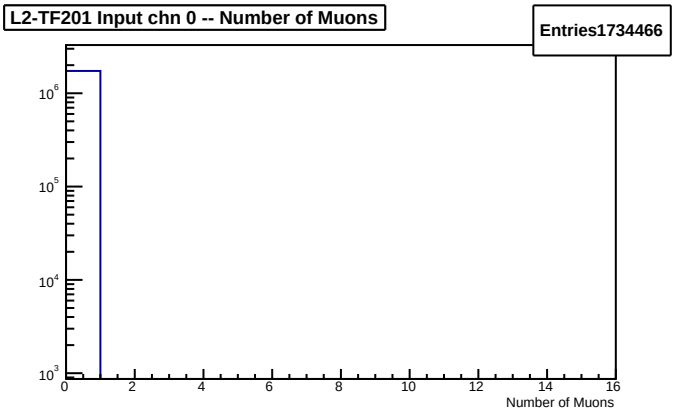

L2-TF201
Entries 0
TOF total mult(Real-Simu)

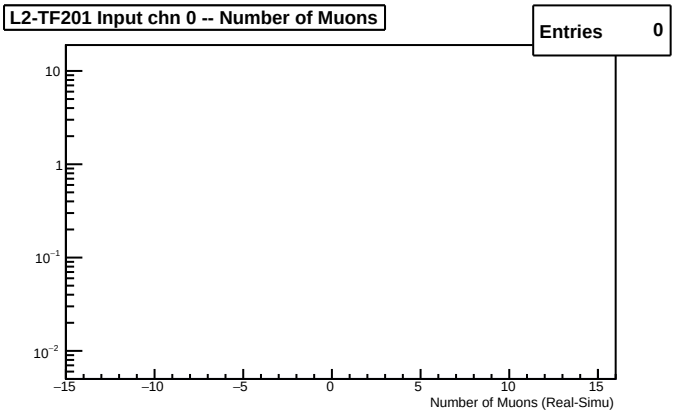

L2-TF201
Entries 1.214126e+07
Threshold/UPC bits
1.3488e+06
1.37613e+06
1.29186e+06
1.33496e+06
1.34757e+06
1.32402e+06
1.46157e+06
385664
358335
442610
399511
386894
410445
272894
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

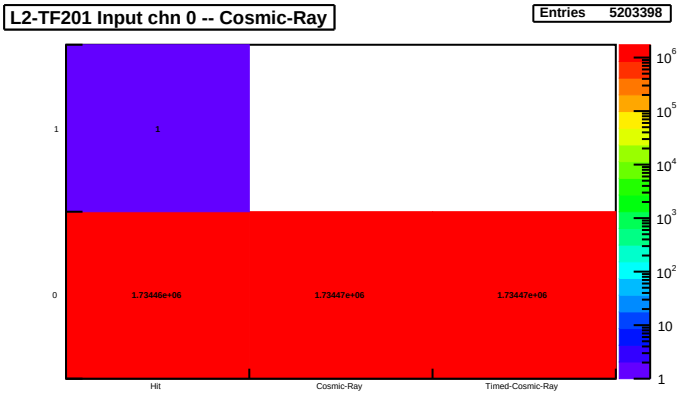

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

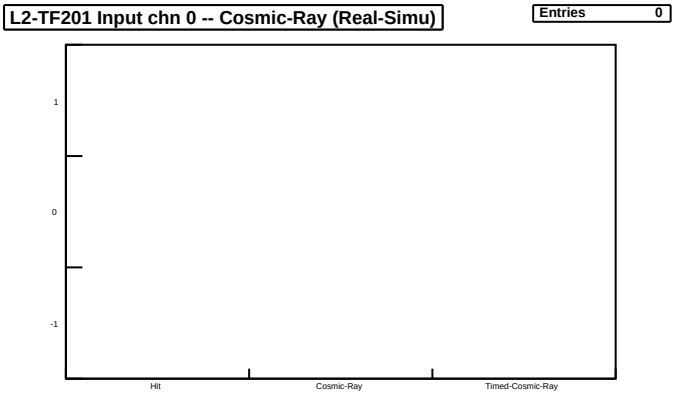

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.387573e+07
Fired
414849
337117
857945
810693
588215
582879
522569
566215
1.31962e+06
1.39735e+06
876521
923773
1.14625e+06
1.15159e+06
1.2119e+06
1.16825e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

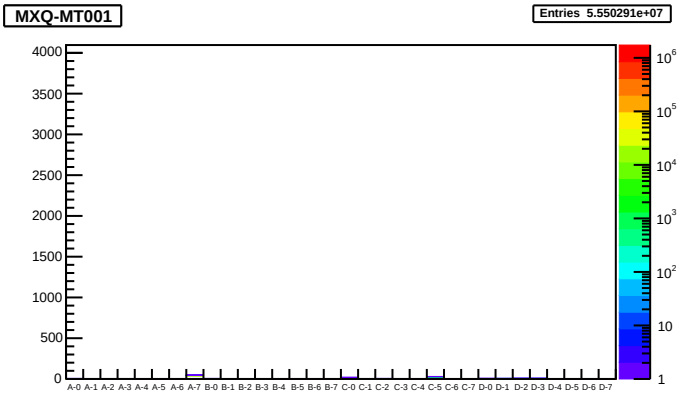

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

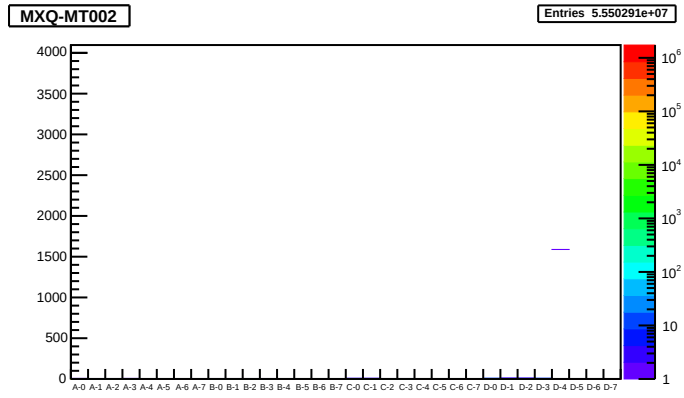

L2-TF201 Input chn 0 -- Number of Muons
Entries1734466
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 5203398
1
1.73446e+06
1.73447e+06
1.73447e+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 5.550291e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 5.550291e+07
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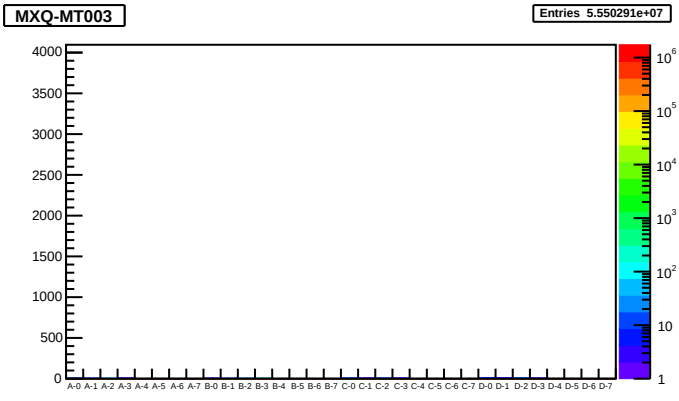
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 5.550291e+07
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3000
2500
2000
1500
1000
500
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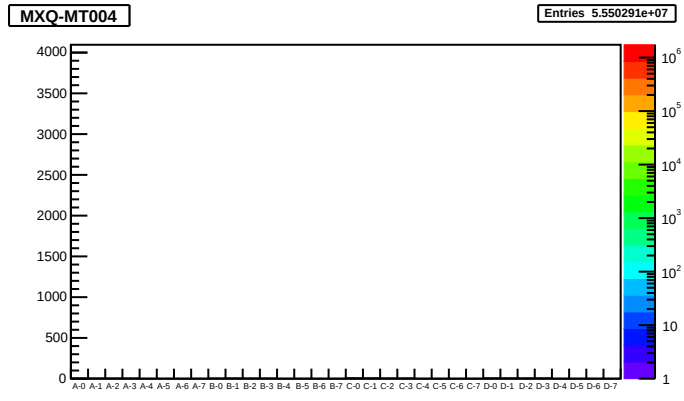
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 5.550291e+07
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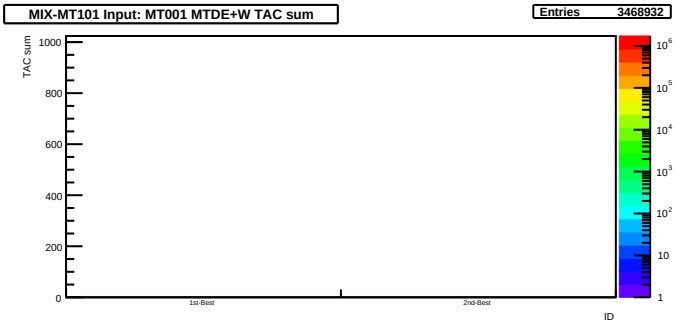
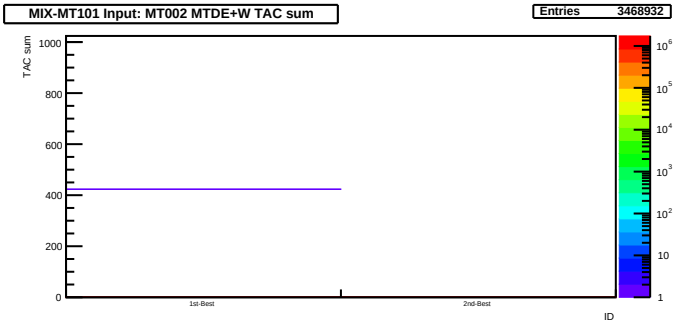
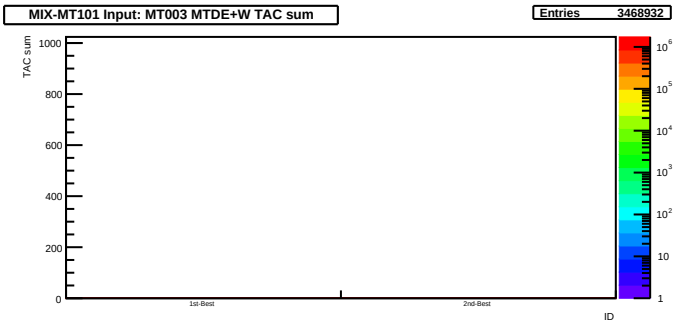
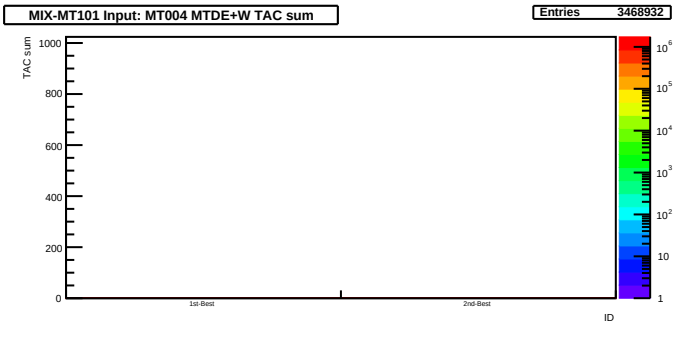
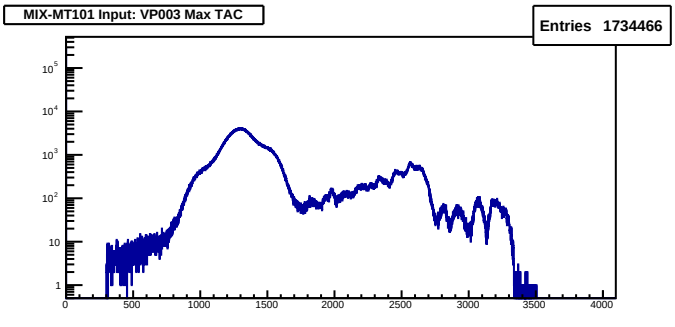
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

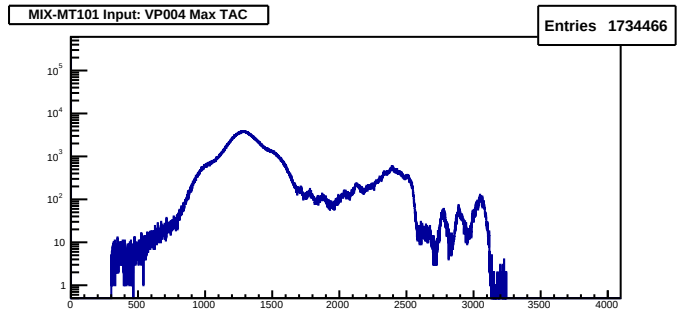

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3468932
TAC sum
1st-Best
2nd-Best
ID

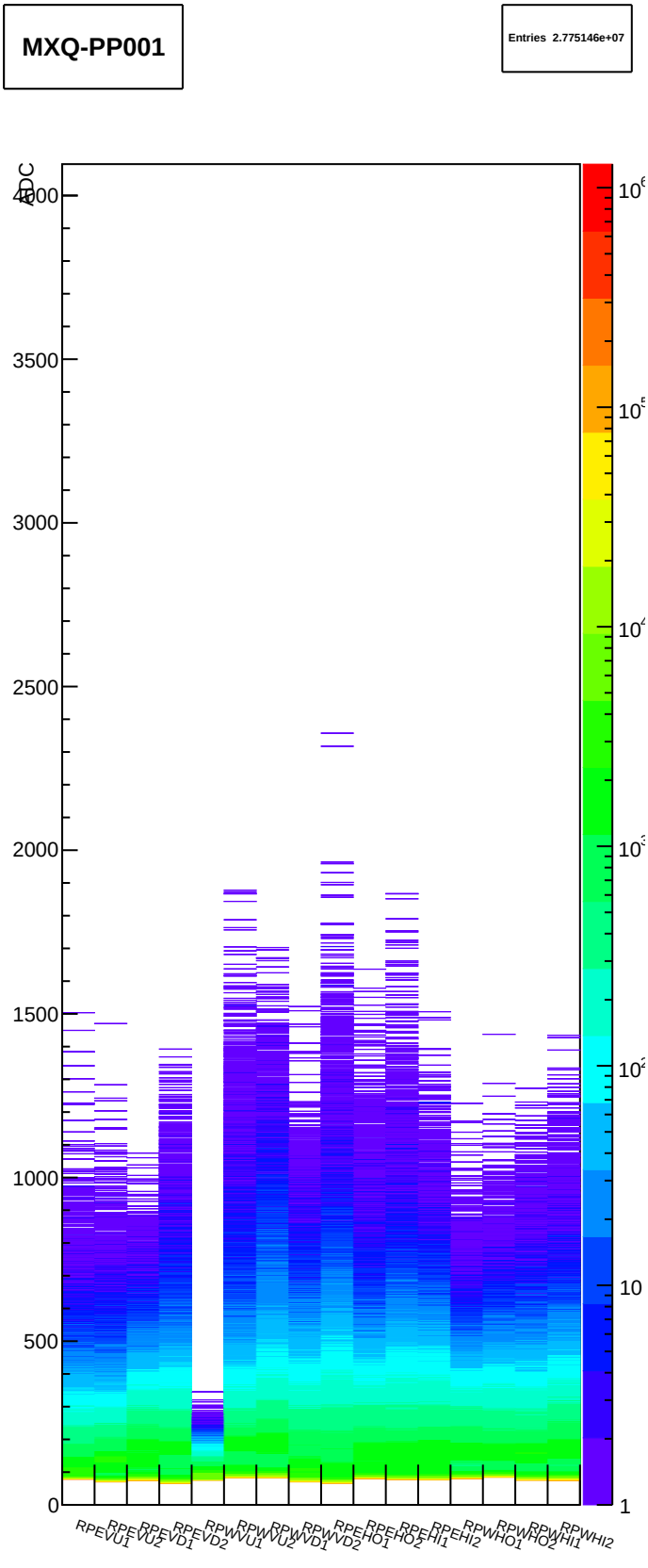

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3468932
TAC sum
1st-Best
2nd-Best
ID

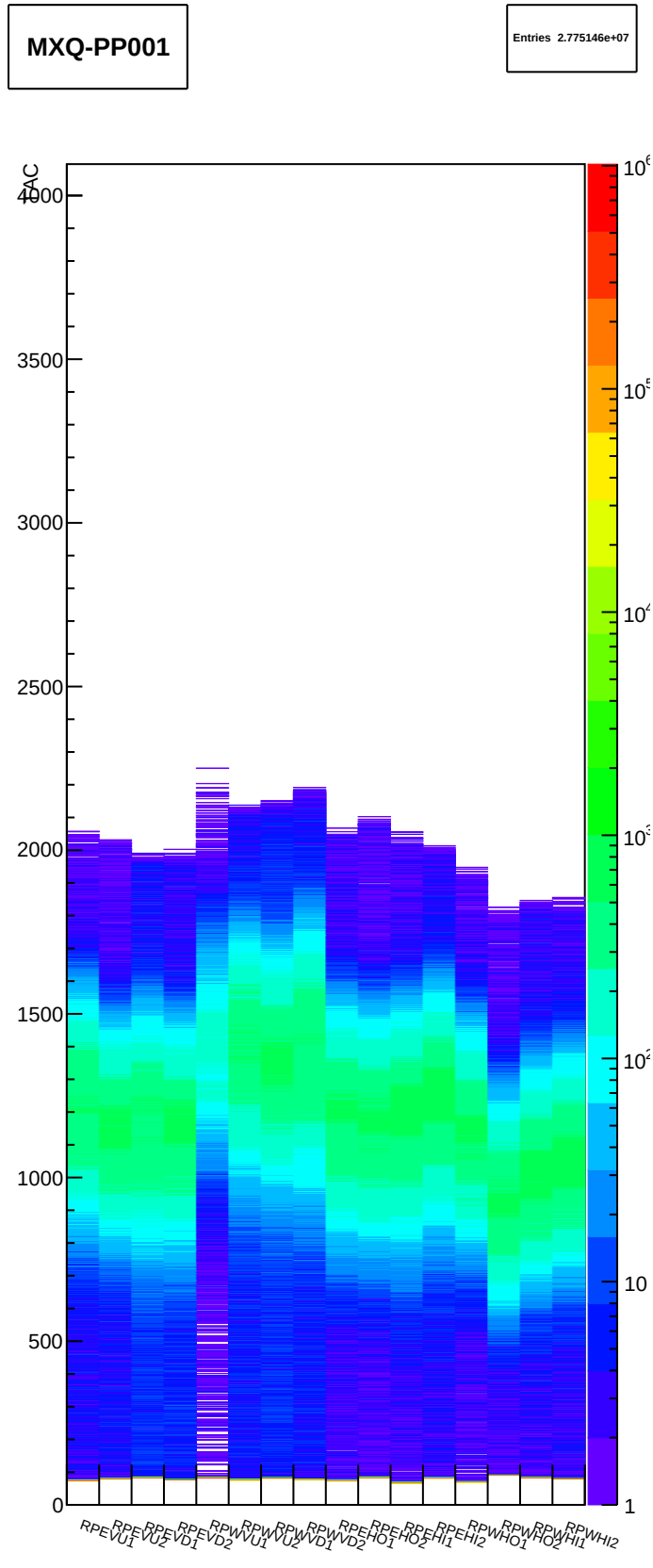

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3468932
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3468932
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 1734466


MIX-MT101 Input: VP004 Max TAC
Entries 1734466


MXQ-PP001
Entries 2.775146e+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 2.775146e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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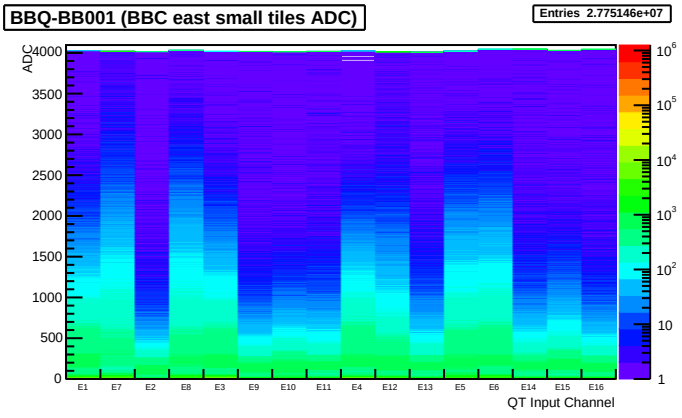
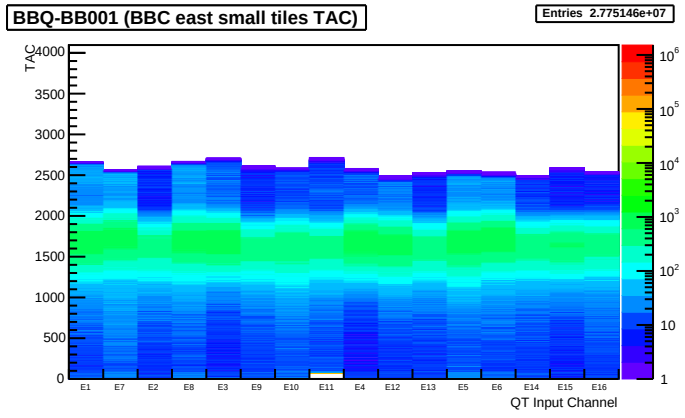
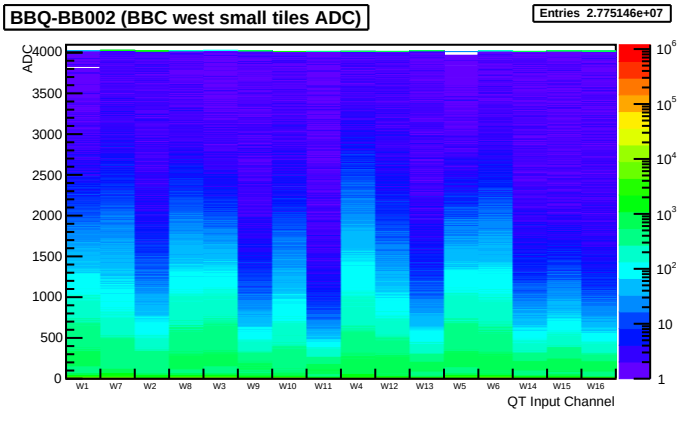
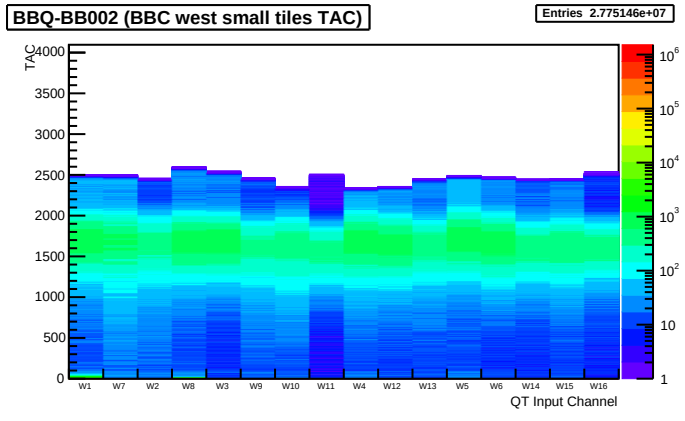
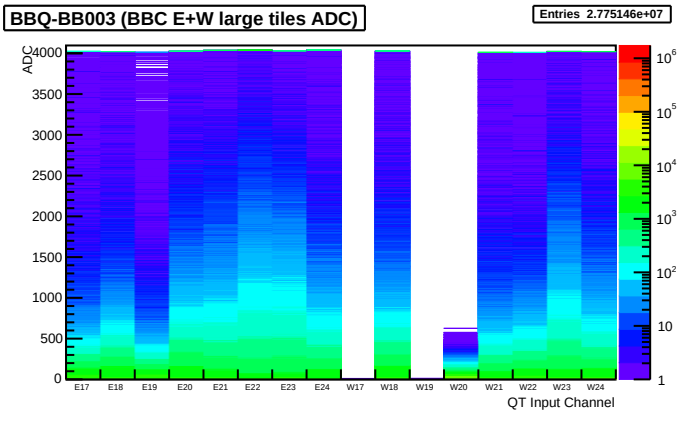
10^4
10^3
10^2
10
1

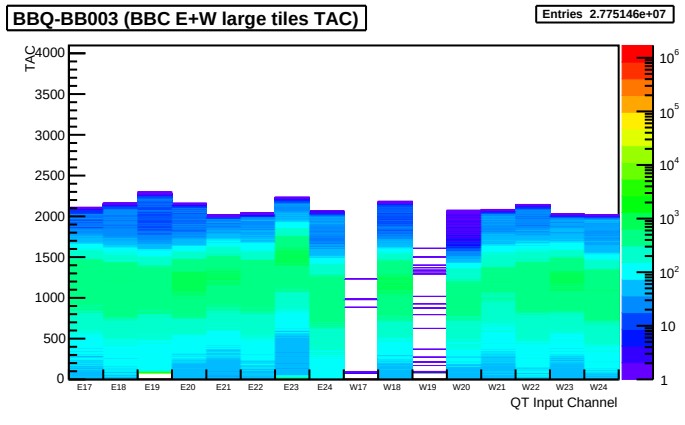

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.775146e+07
ADC
QT Input Channel

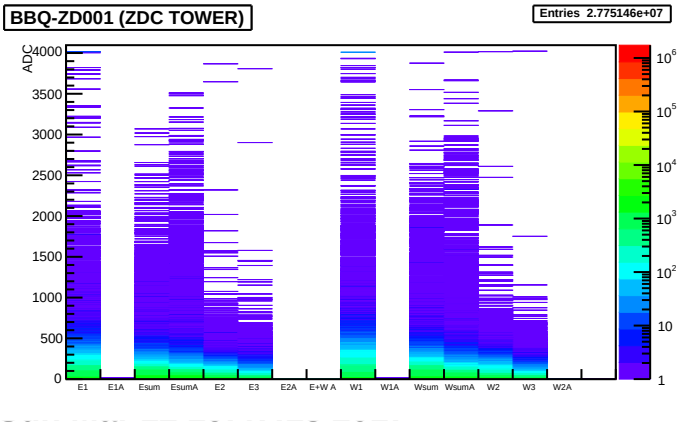

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.775146e+07
TAC
QT Input Channel

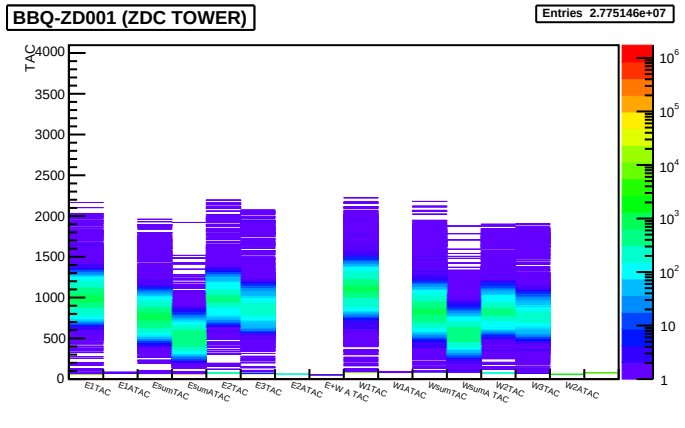

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.775146e+07
ADC
QT Input Channel

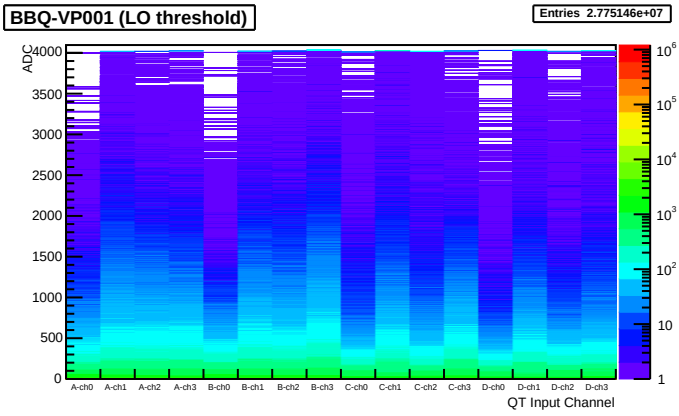

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.775146e+07
TAC
QT Input Channel

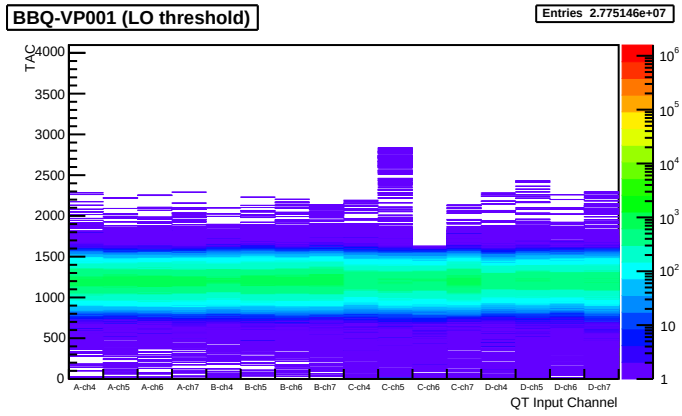

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.775146e+07
ADC
QT Input Channel

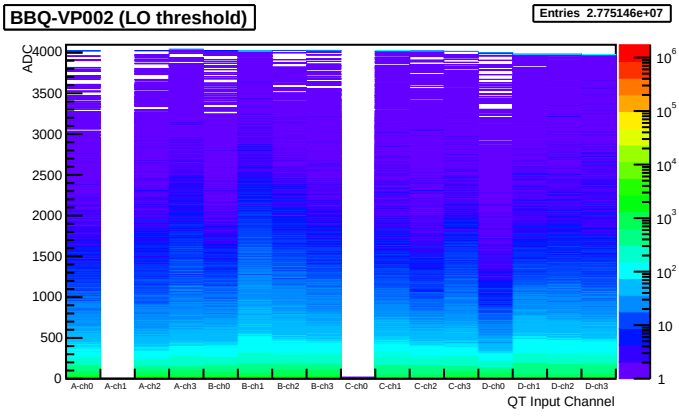

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.775146e+07
TAC
QT Input Channel

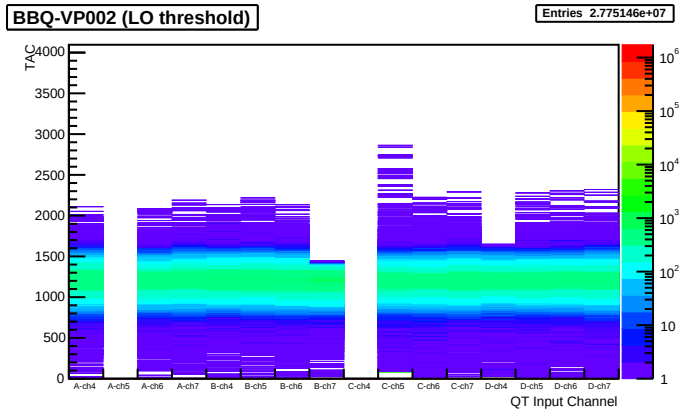

BBQ-ZD001 (ZDC TOWER)
Entries 2.775146e+07
ADC

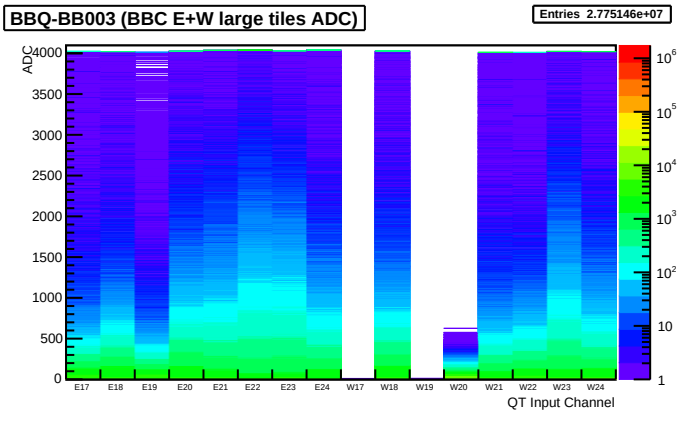

BBQ-ZD001 (ZDC TOWER)
Entries 2.775146e+07
TAC

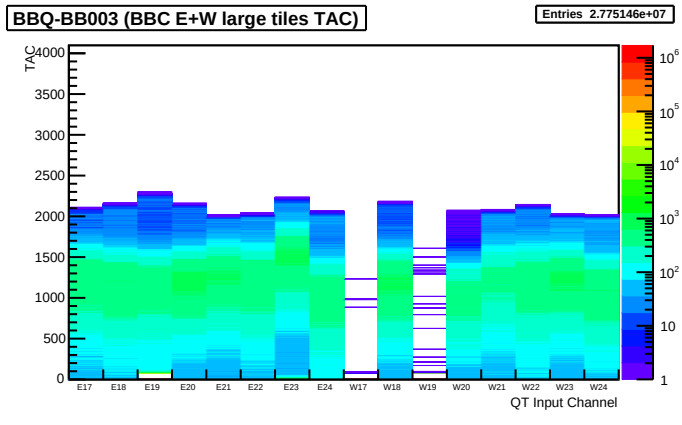

BBQ-VP001 (LO threshold)
Entries 2.775146e+07
ADC
QT Input Channel

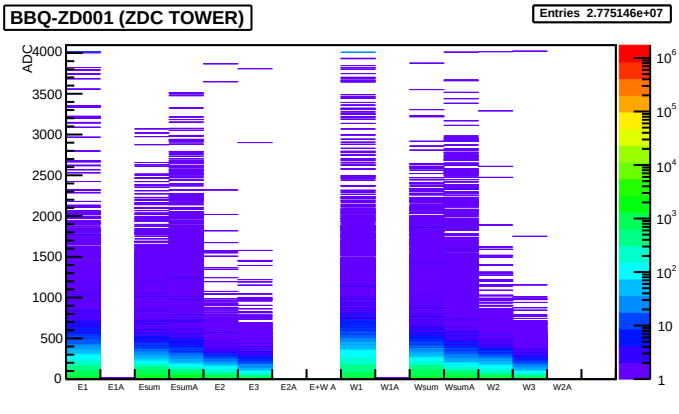

BBQ-VP001 (LO threshold)
Entries 2.775146e+07
TAC
QT Input Channel

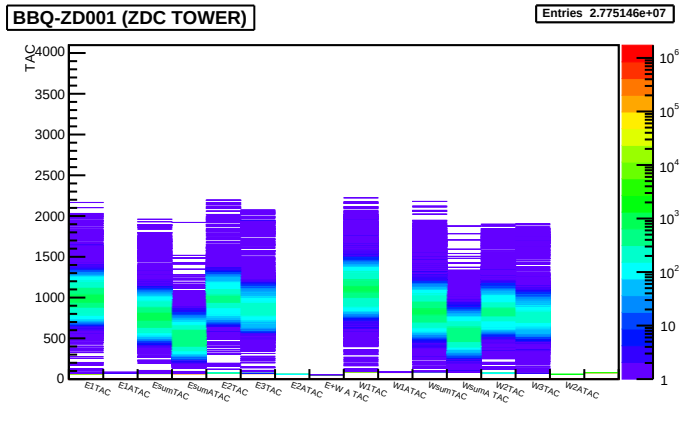

BBQ-VP002 (LO threshold)
Entries 2.775146e+07
ADC
QT Input Channel

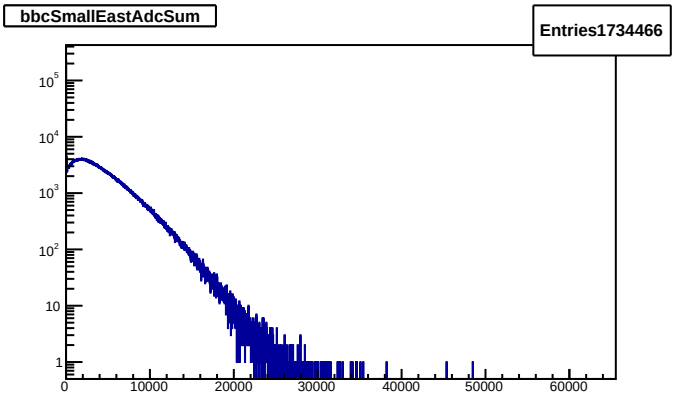

BBQ-VP002 (LO threshold)
Entries 2.775146e+07
TAC
QT Input Channel

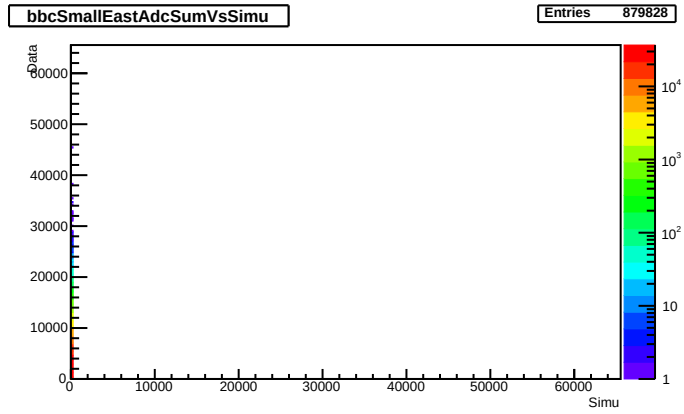

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.775146e+07
ADC
QT Input Channel

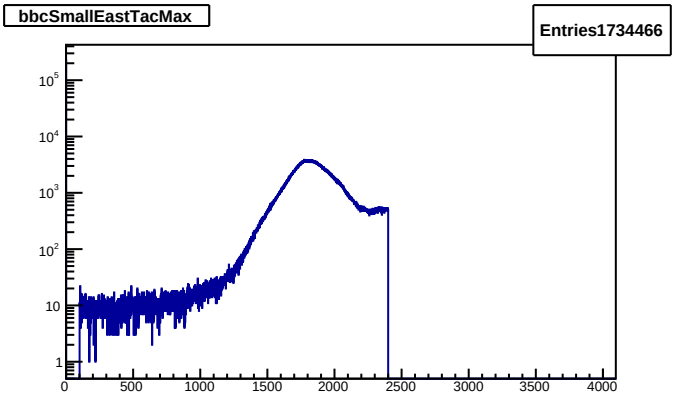

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.775146e+07
TAC
QT Input Channel

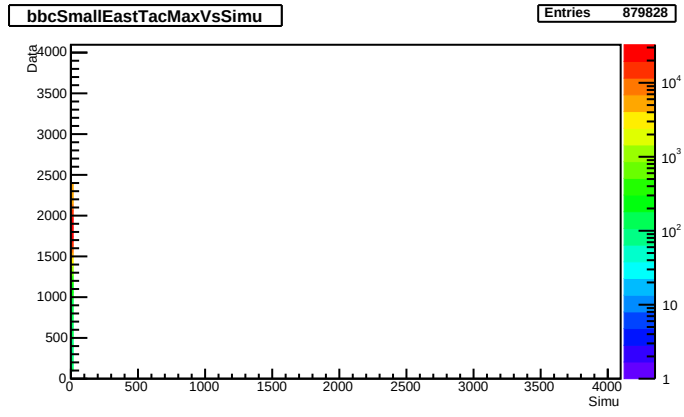

BBQ-ZD001 (ZDC TOWER)
Entries 2.775146e+07
ADC

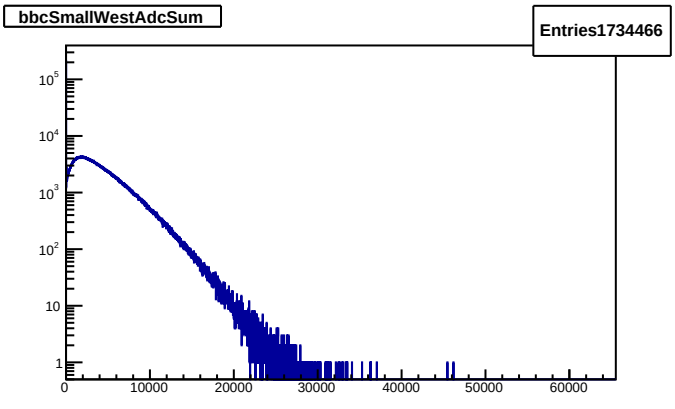

BBQ-ZD001 (ZDC TOWER)
Entries 2.775146e+07
TAC

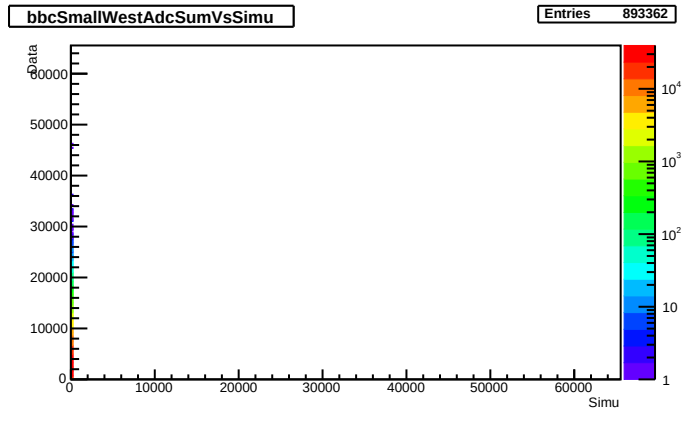

bbcSmallEastAdcSum
Entries1734466

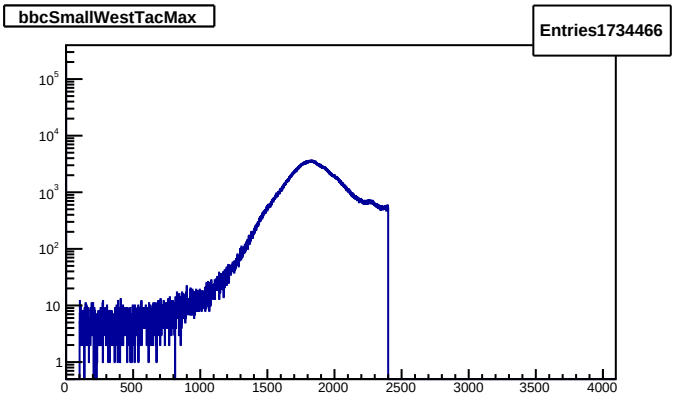

bbcSmallEastAdcSumVsSimu
Entries 879828
Data
Simu

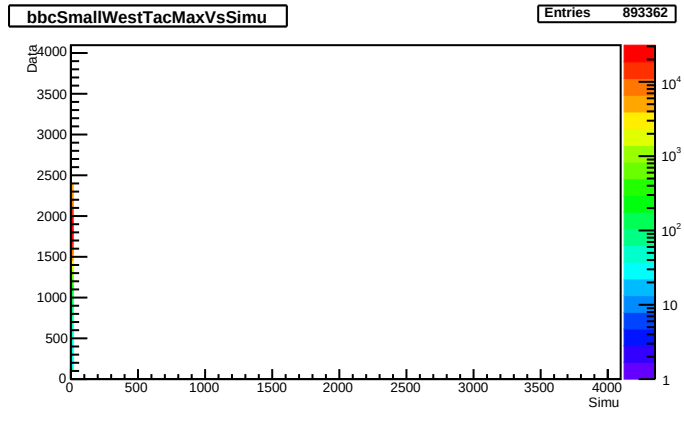

bbcSmallEastTacMax
Entries1734466

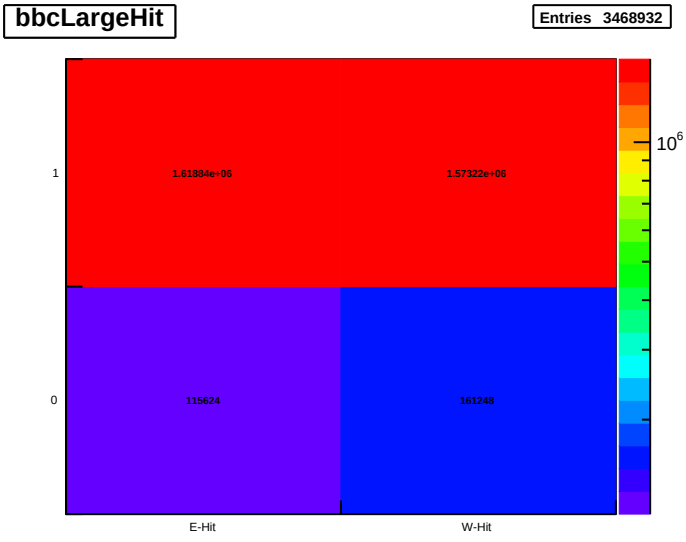

bbcSmallEastTacMaxVsSimu
Entries 879828
Data
Simu

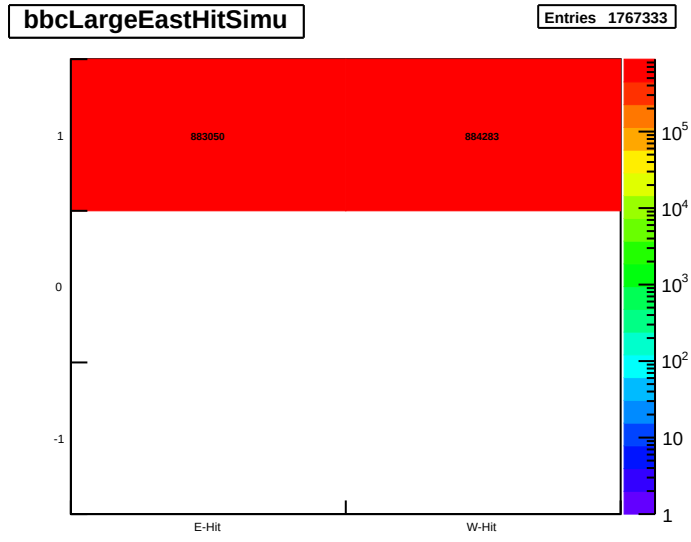

bbcSmallWestAdcSum
Entries1734466

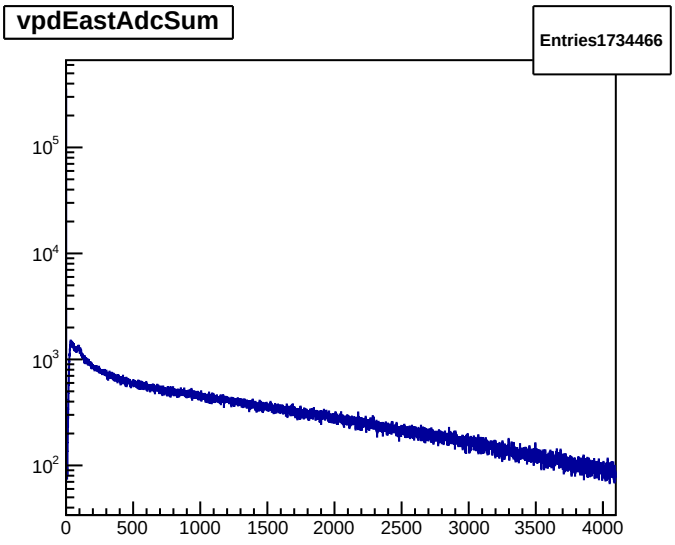

bbcSmallWestAdcSumVsSimu
Entries 893362
Data
Simu

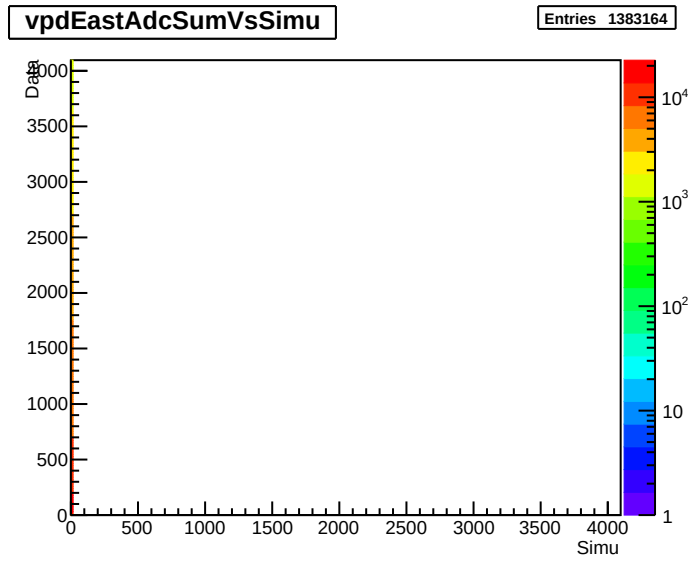

bbcSmallWestTacMax
Entries1734466

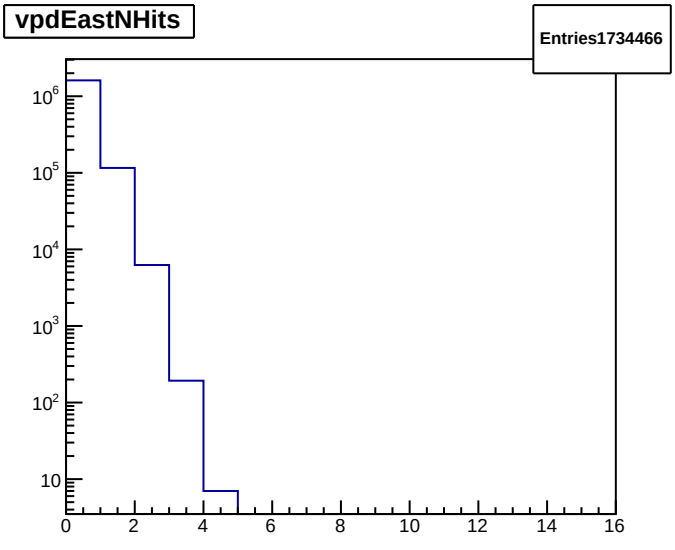

bbcSmallWestTacMaxVsSimu
Entries 893362
Data
Simu

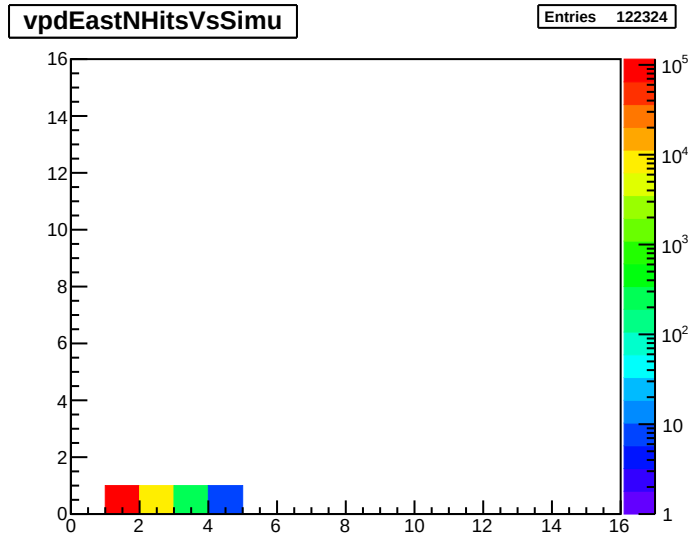

bbcLargeHit
Entries 3468932
1.61884e+06
1.57322e+06
115624
161248
1
0
E-Hit
W-Hit
10^6

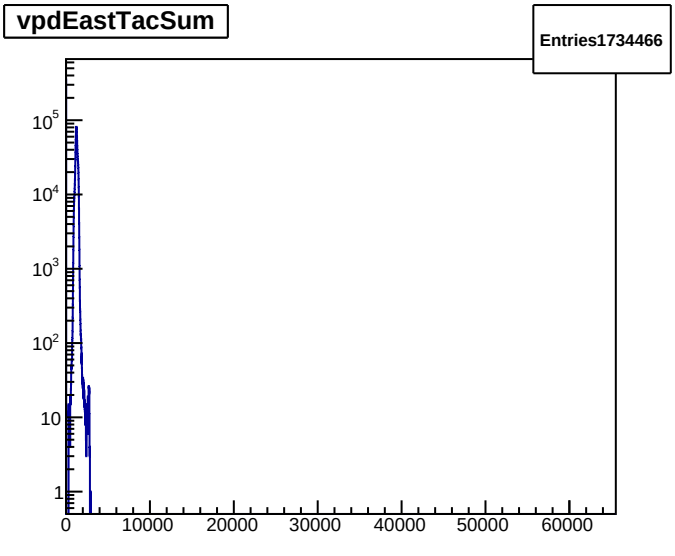

bbcLargeEastHitSimu
Entries 1767333
883050
884283
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

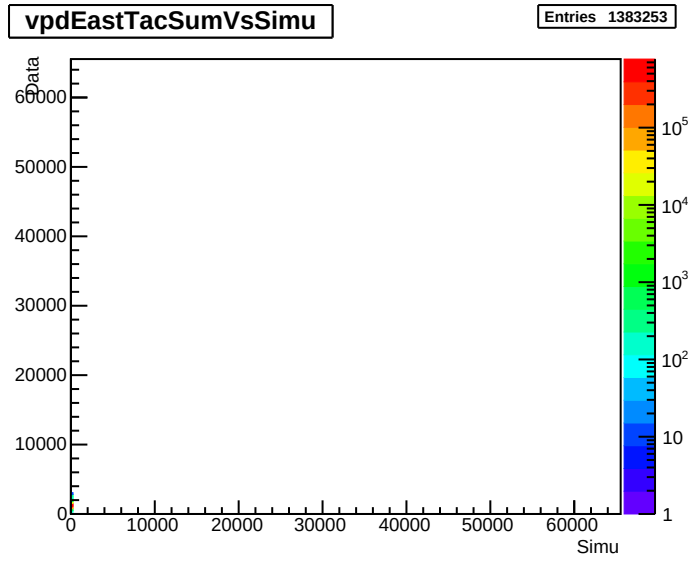

vpdEastAdcSum
Entries1734466

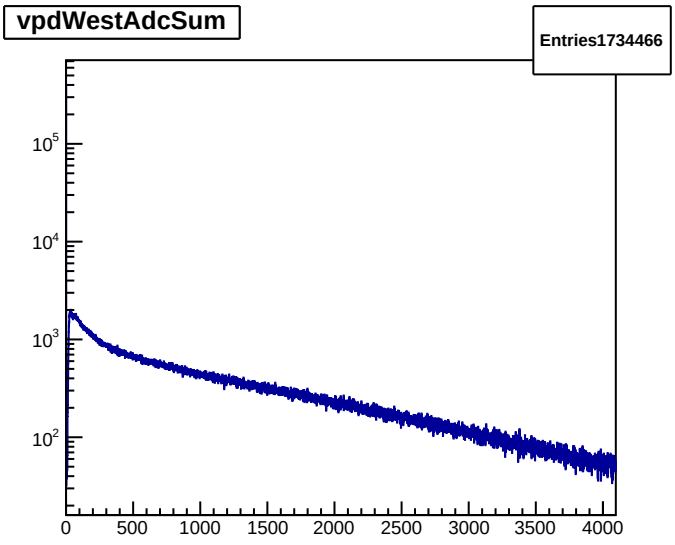

vpdEastAdcSumVsSimu
Entries 1383164
Data
Simu

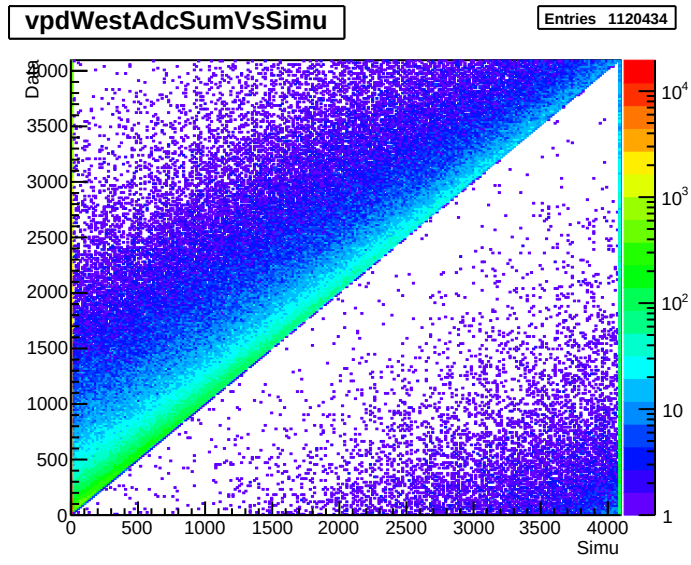

vpdEastNHits
Entries1734466

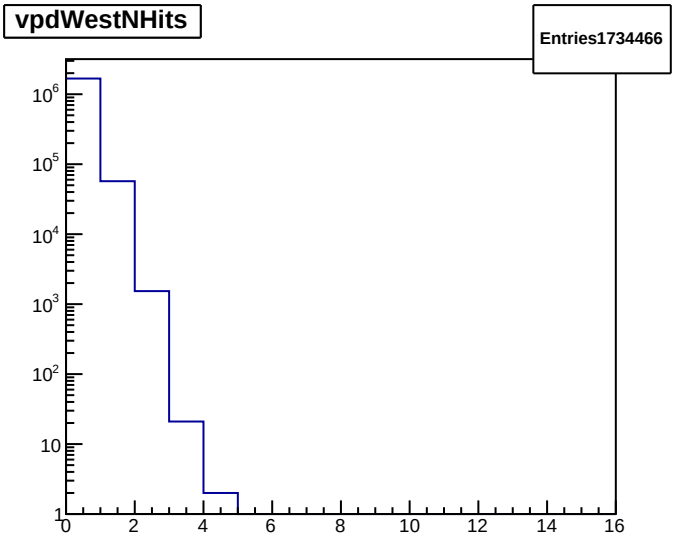

vpdEastNHitsVsSimu
Entries 122324

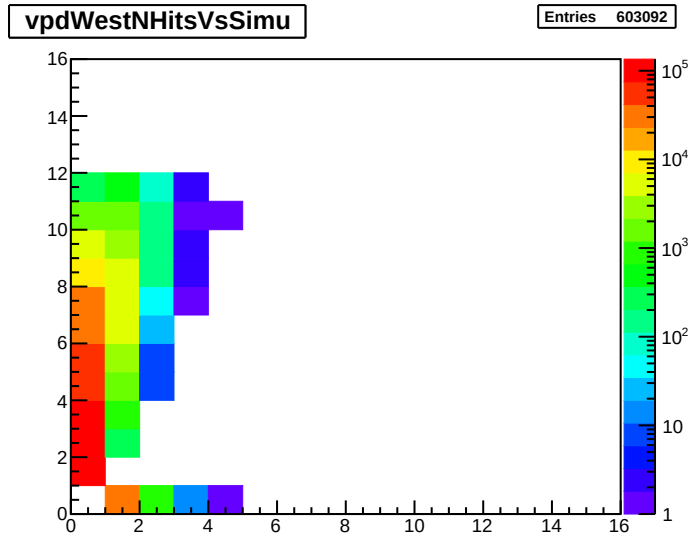

vpdEastTacSum
Entries1734466

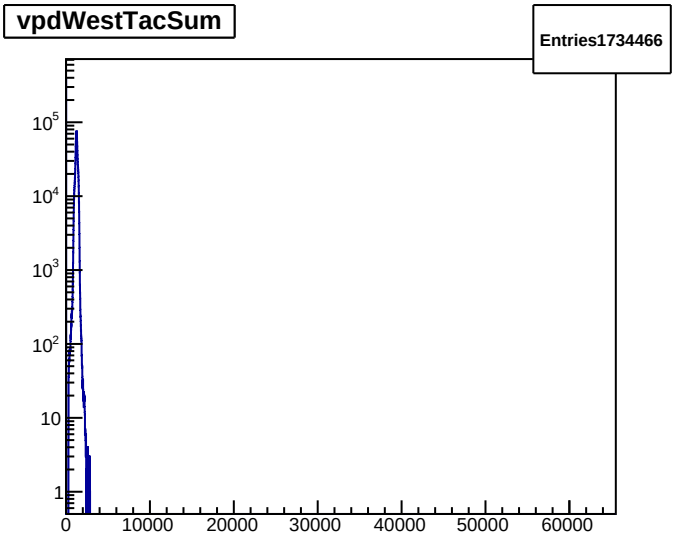

vpdEastTacSumVsSimu
Entries 1383253
Data
Simu

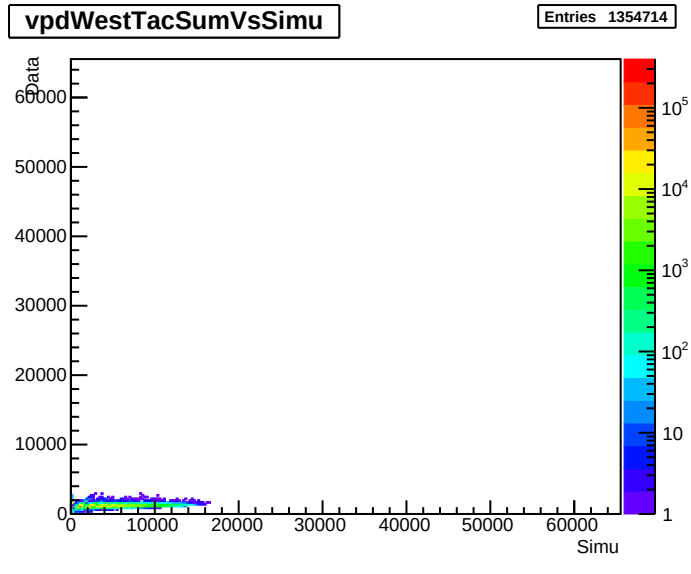

vpdWestAdcSum
Entries1734466

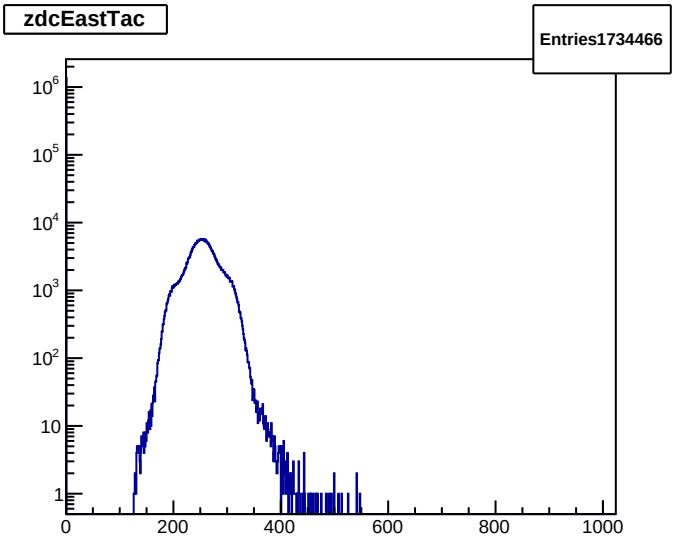

vpdWestAdcSumVsSimu
Entries 1120434
Data
Simu

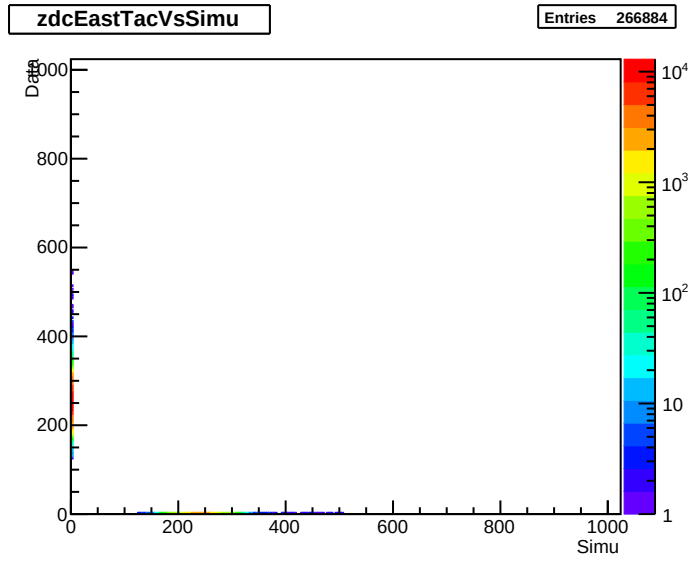

vpdWestNHits
Entries1734466

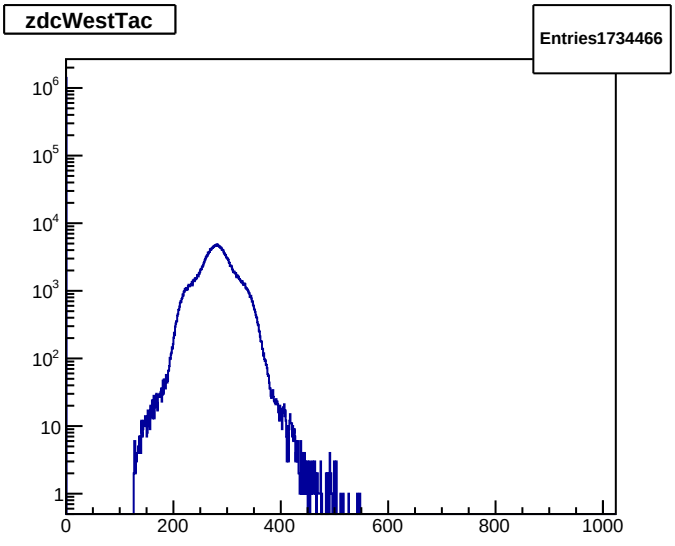

vpdWestNHitsVsSimu
Entries 603092

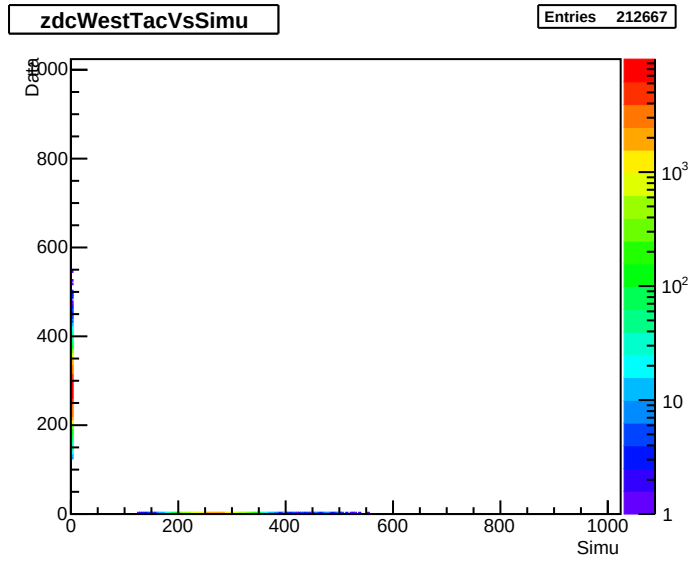

vpdWestTacSum
Entries1734466

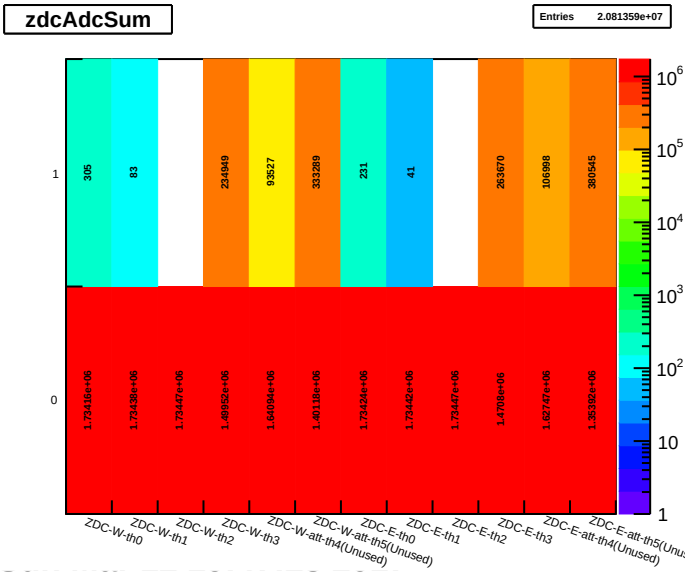

vpdWestTacSumVsSimu
Entries 1354714
Data
Simu

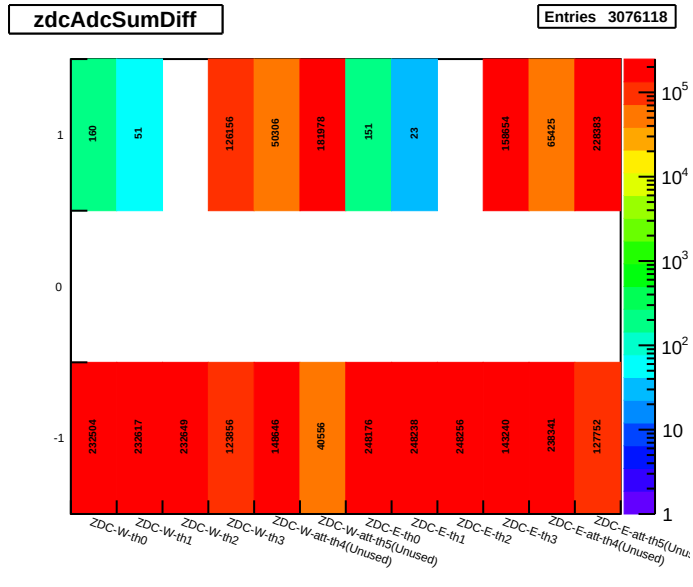

zdcEastTac
Entries1734466

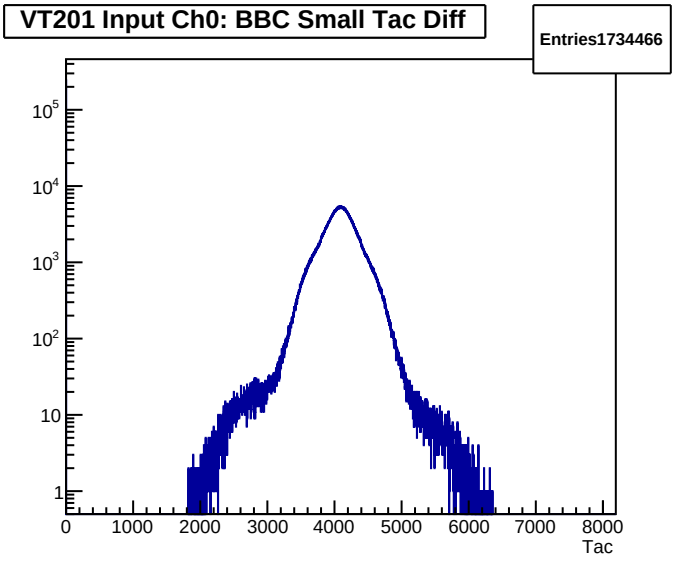

zdcEastTacVsSimu
Entries 266884
Data
Simu

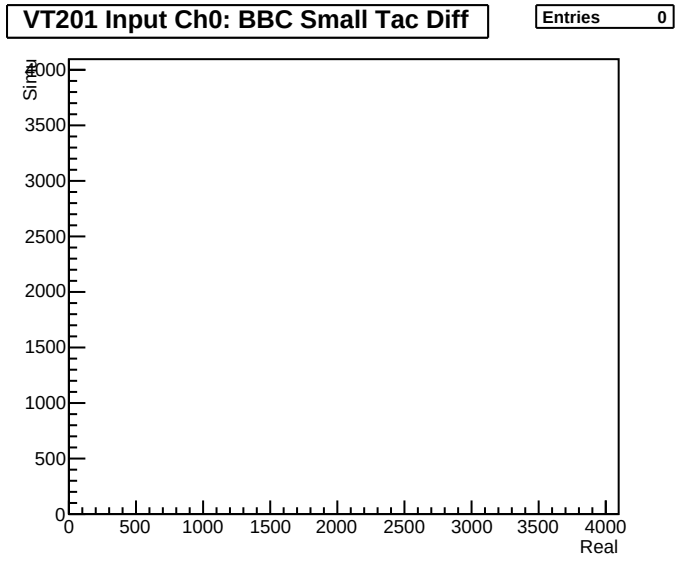

zdcWestTac
Entries1734466

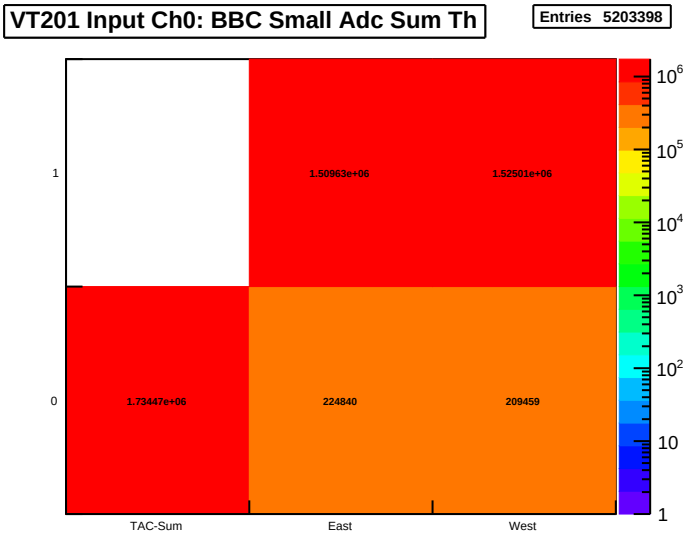

zdcWestTacVsSimu
Entries 212667
Data
Simu

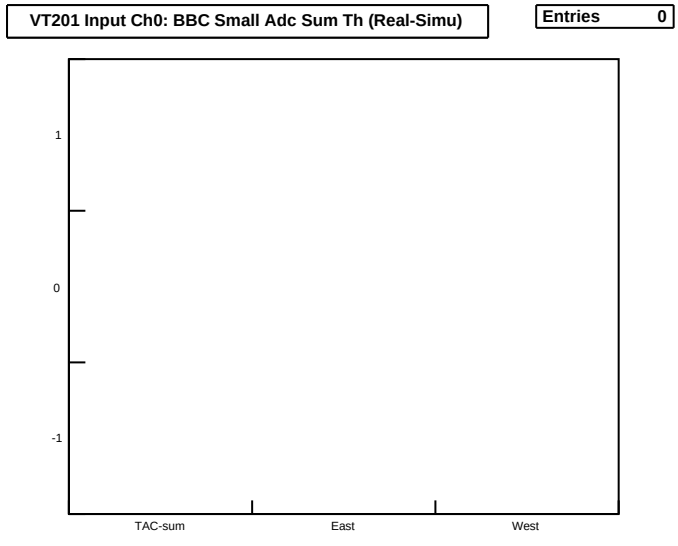

zdcAdcSum
Entries 2.081359e+07
305
83
234949
93527
333289
231
41
263670
106998
380545
1.73416e+06
1.73438e+06
1.73447e+06
1.49952e+06
1.64094e+06
1.40118e+06
1.73424e+06
1.73442e+06
1.73447e+06
1.47080e+06
1.62747e+06
1.35392e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

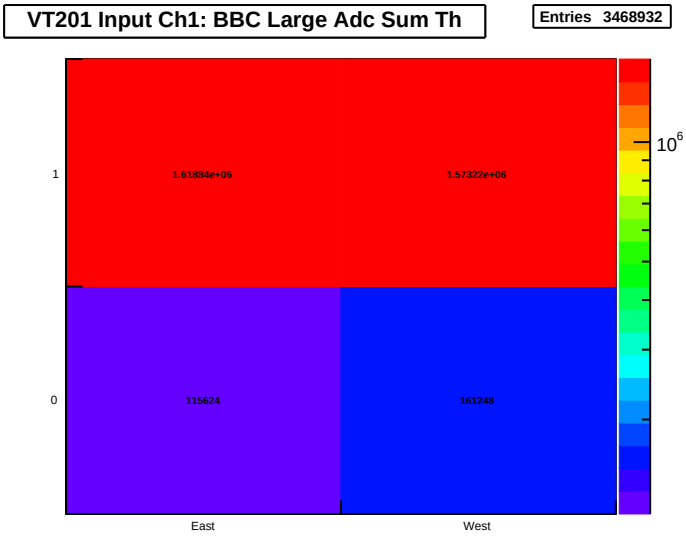

zdcAdcSumDiff
Entries 3076118
160
51
126156
50306
181978
151
23
158654
65425
228383
232504
232617
232649
123856
148646
40556
248176
248238
248256
143240
238341
127752
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

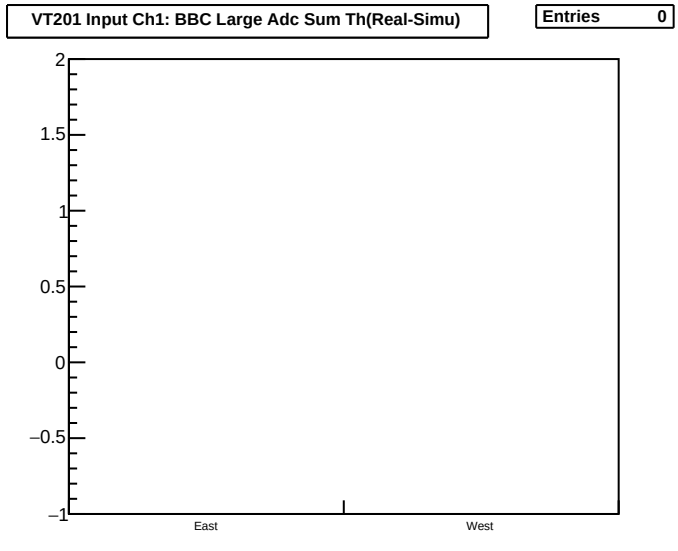

VT201 Input Ch0: BBC Small Tac Diff
Entries1734466
Tac


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

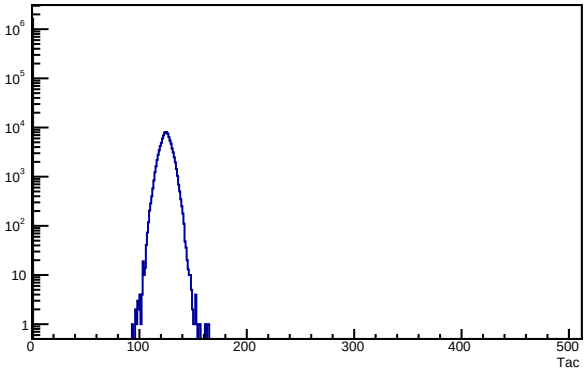

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 5203398
1.50963e+06
1.52501e+06
1.73447e+06
224840
209459
TAC-Sum
East
West


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

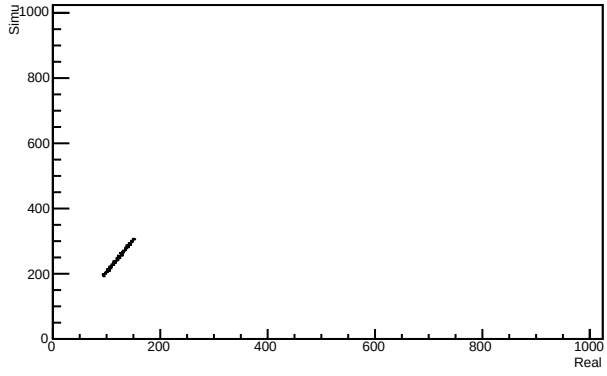

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3468932
1.61884e+06
1.57322e+06
115624
161248
East
West


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

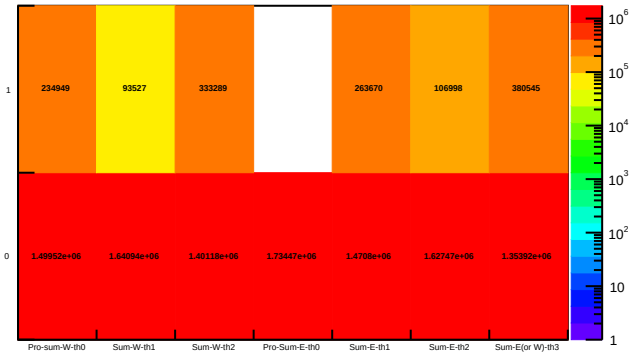
VT201 Input Ch2: ZDC Tac Diff



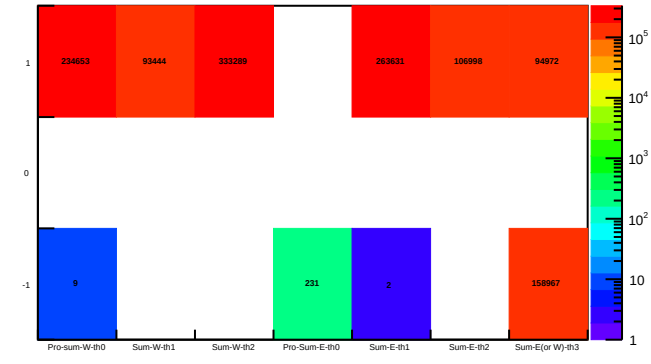
VT201 Input Ch2: ZDC Tac Diff



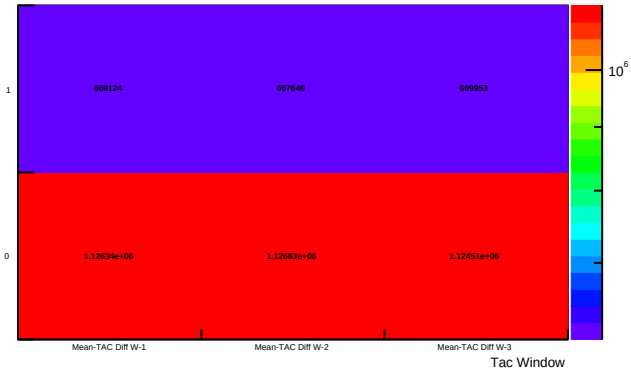
VT201 Input Ch2: ZDC Adc Sum Th



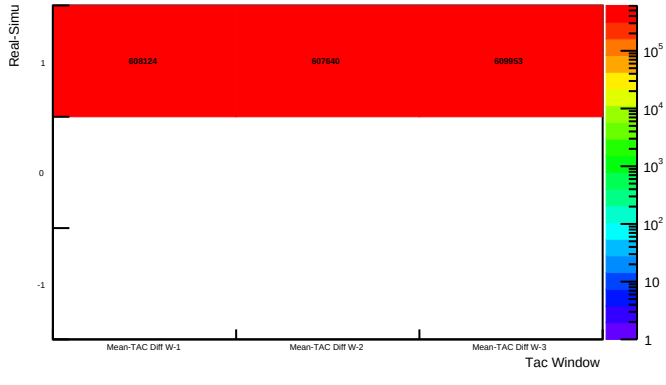
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



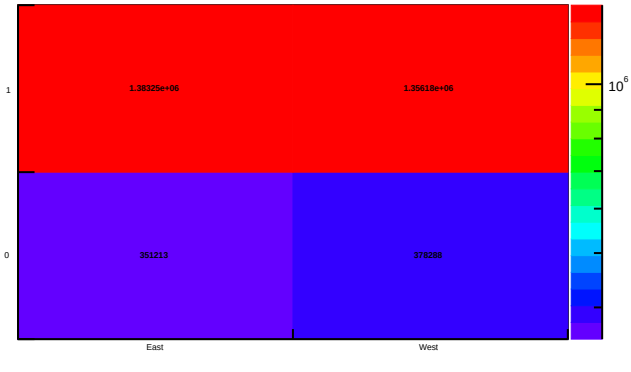
VT201 Input Ch4: VPD Tac Diff



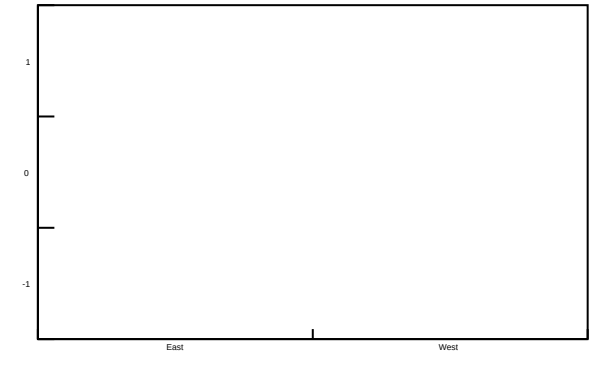
VT201 Input Ch4: VPD Tac Diff

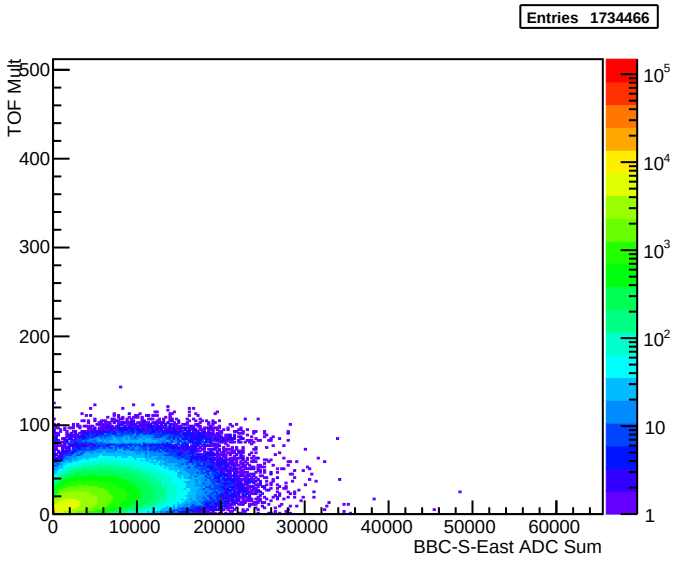


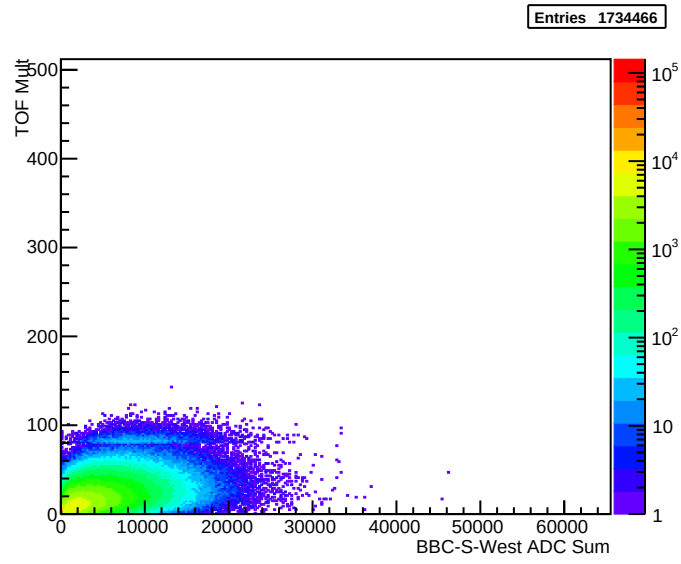
VT201 Input Ch4: VPD Adc Sum Th

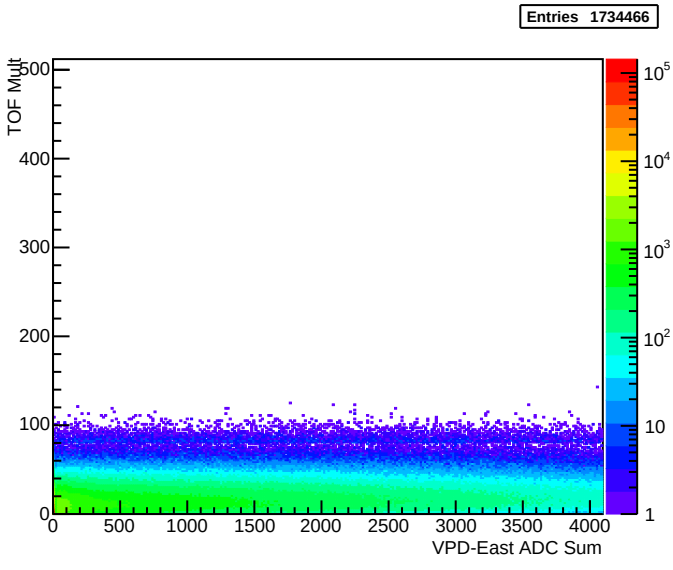


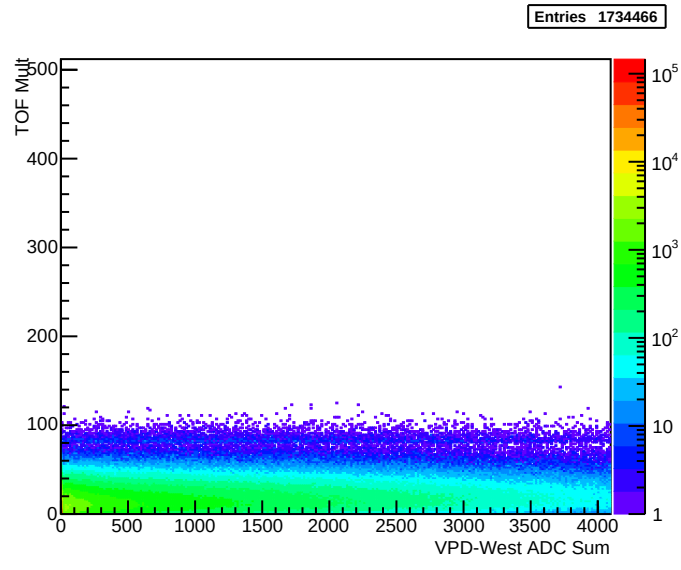
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

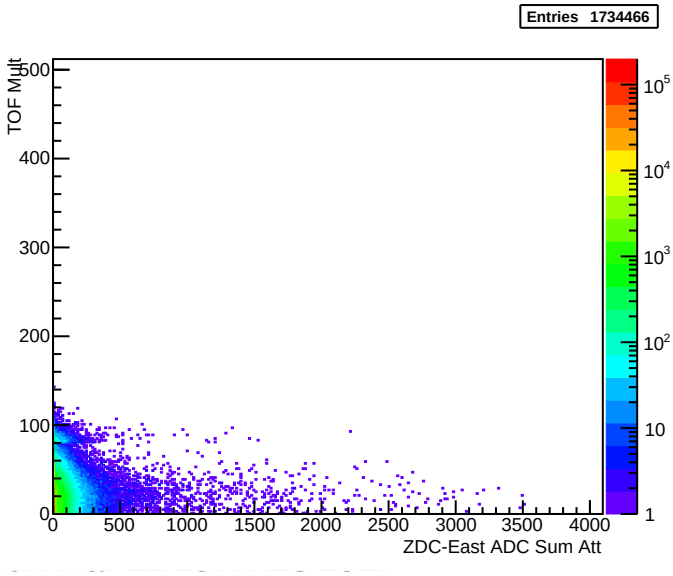


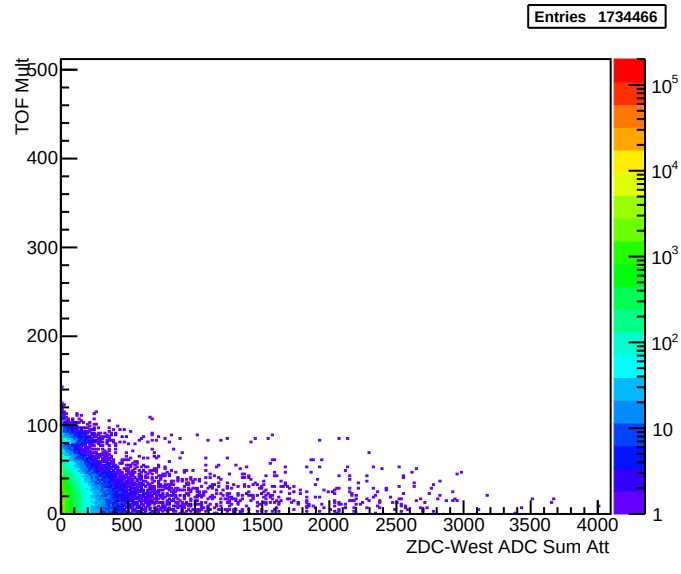

Entries 1734466
TOF Mult
BBC-S-East ADC Sum

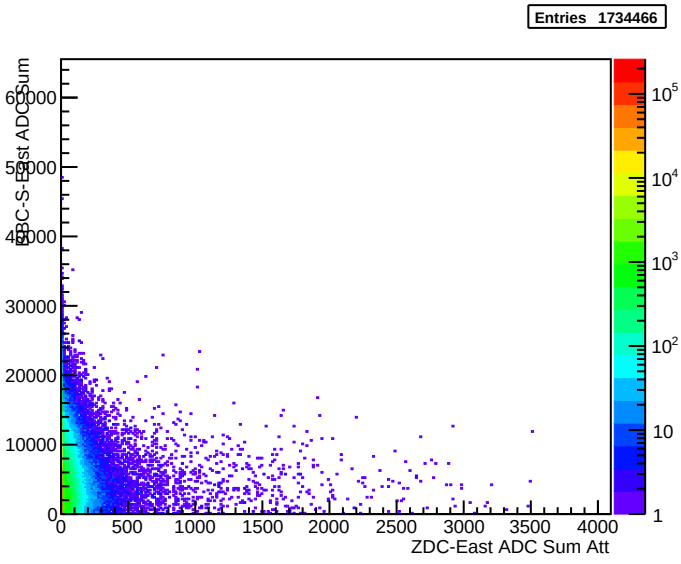

Entries 1734466
TOF Mult
BBC-S-West ADC Sum

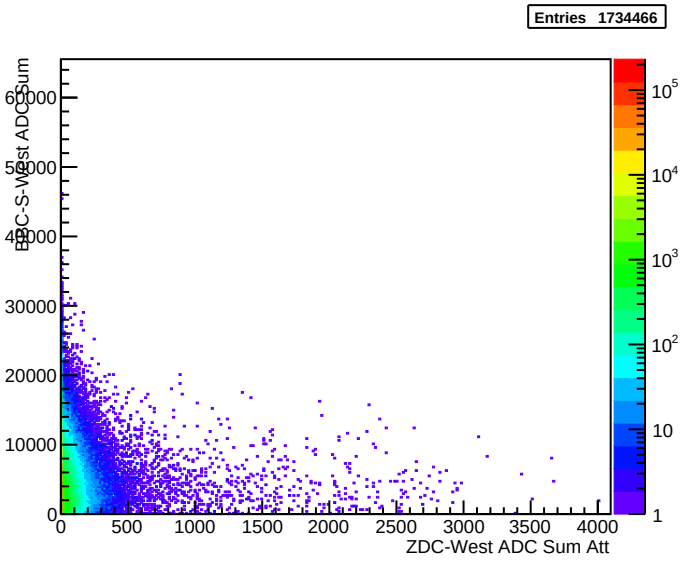

Entries 1734466
TOF Mult
VPD-East ADC Sum

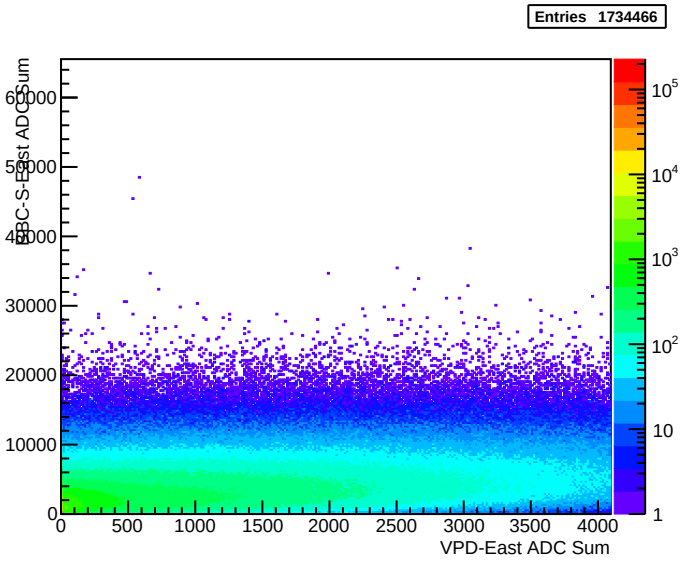

Entries 1734466
TOF Mult
VPD-West ADC Sum

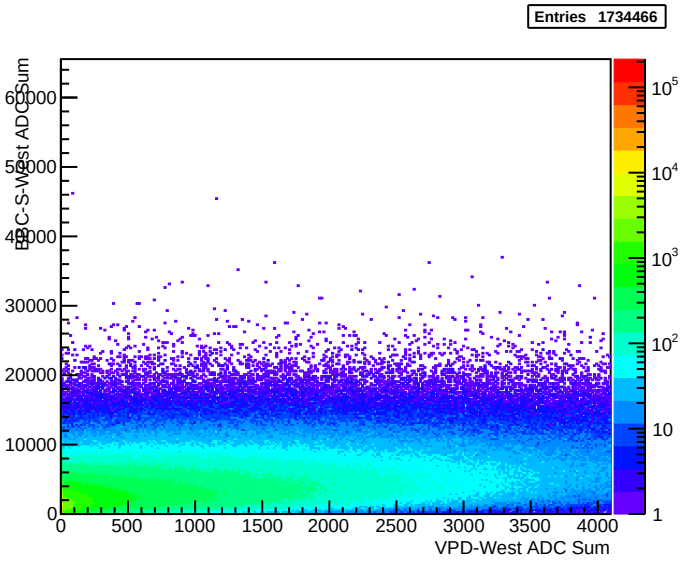

Entries 1734466
TOF Mult
ZDC-East ADC Sum Att

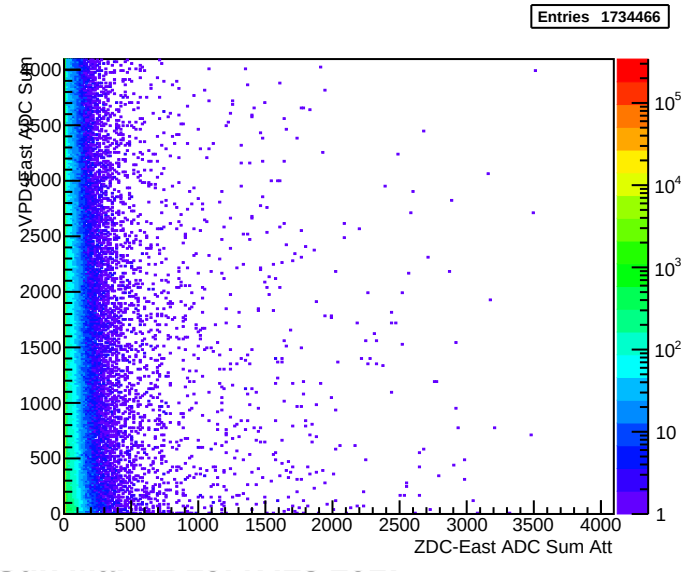

Entries 1734466
TOF Mult
ZDC-West ADC Sum Att

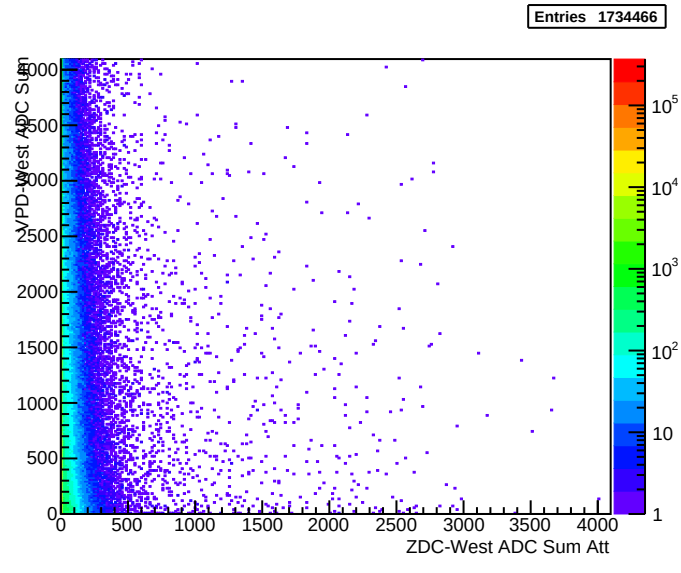

Entries 1734466
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

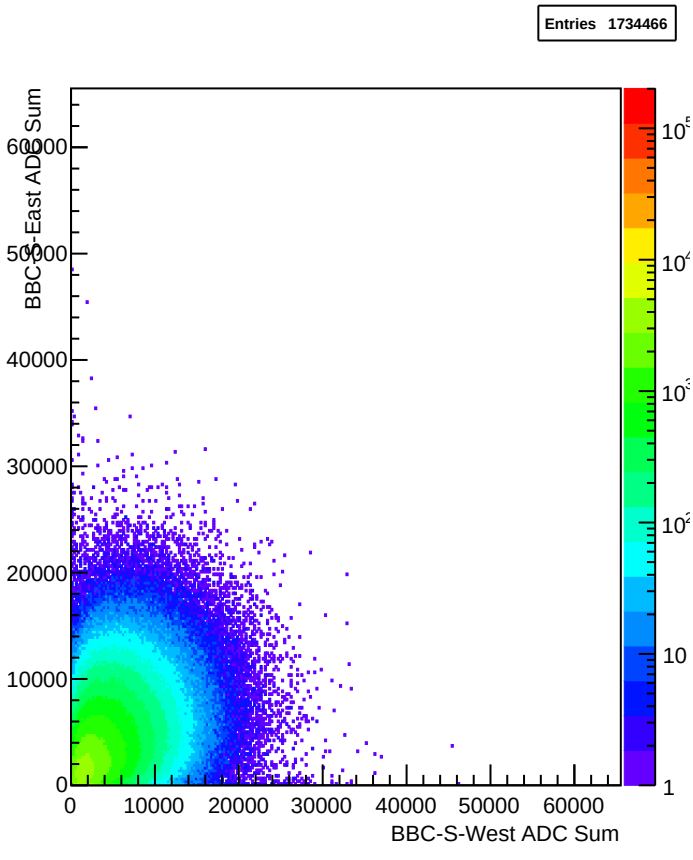

Entries 1734466
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

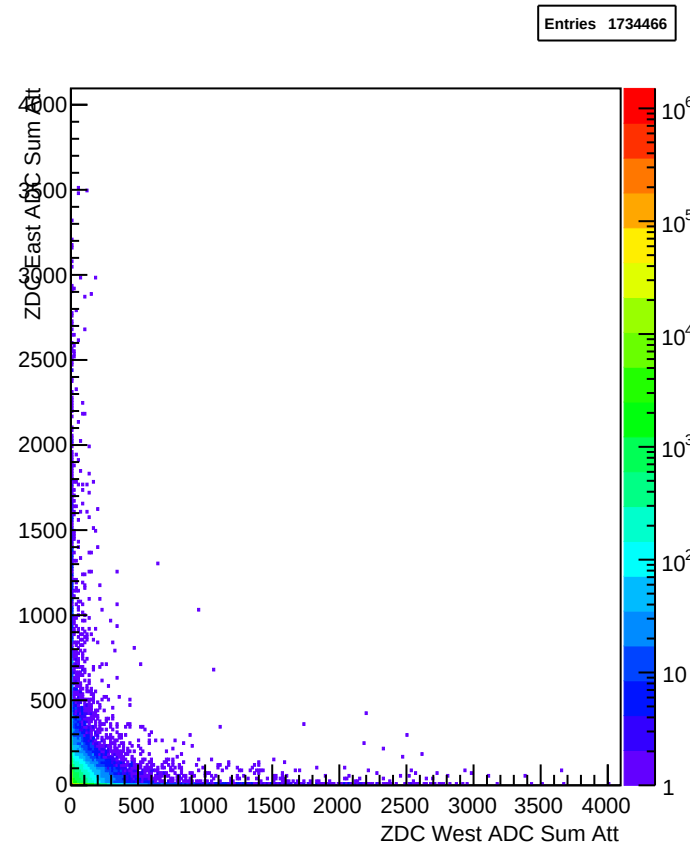

Entries 1734466
BBC-S-East ADC Sum
VPD-East ADC Sum

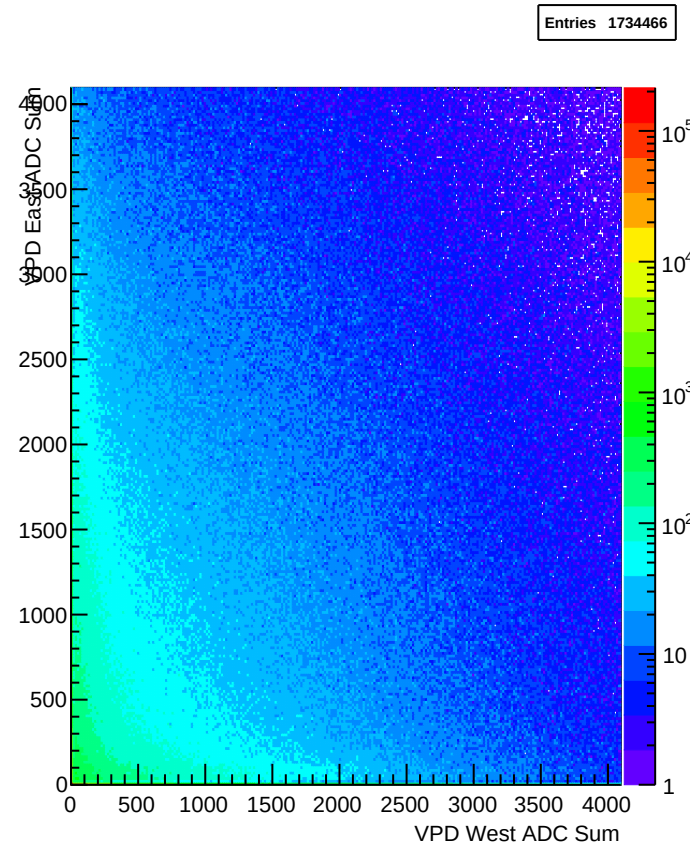

Entries 1734466
BBC-S-West ADC Sum
VPD-West ADC Sum

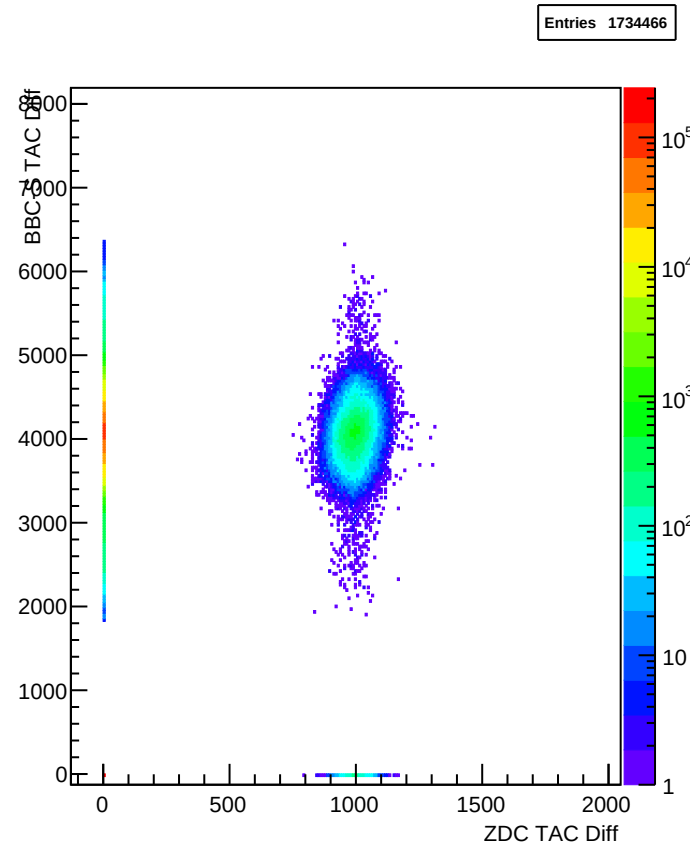

Entries 1734466
VPD-East ADC Sum
ZDC-East ADC Sum Att

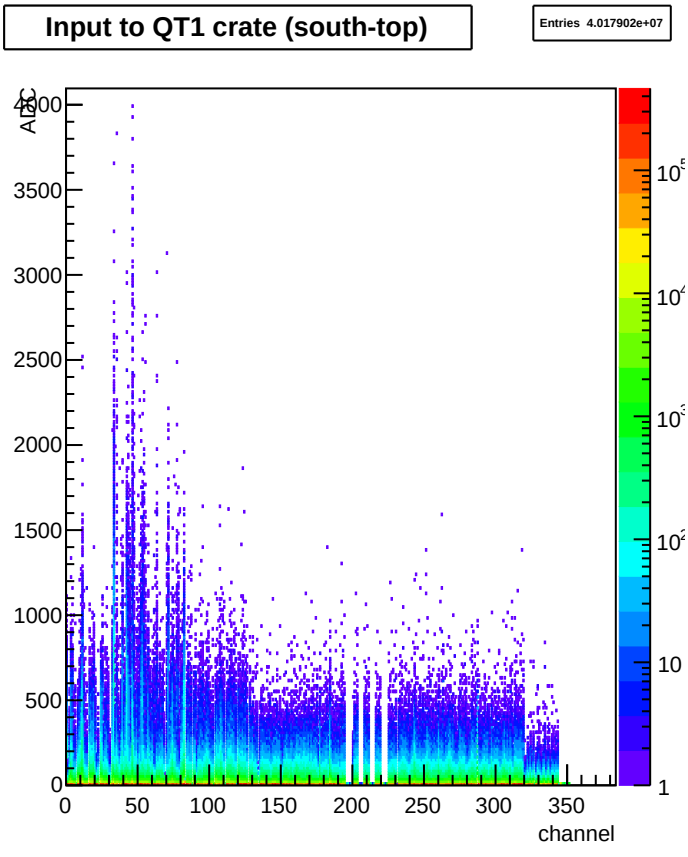

Entries 1734466
VPD-West ADC Sum
ZDC-West ADC Sum Att

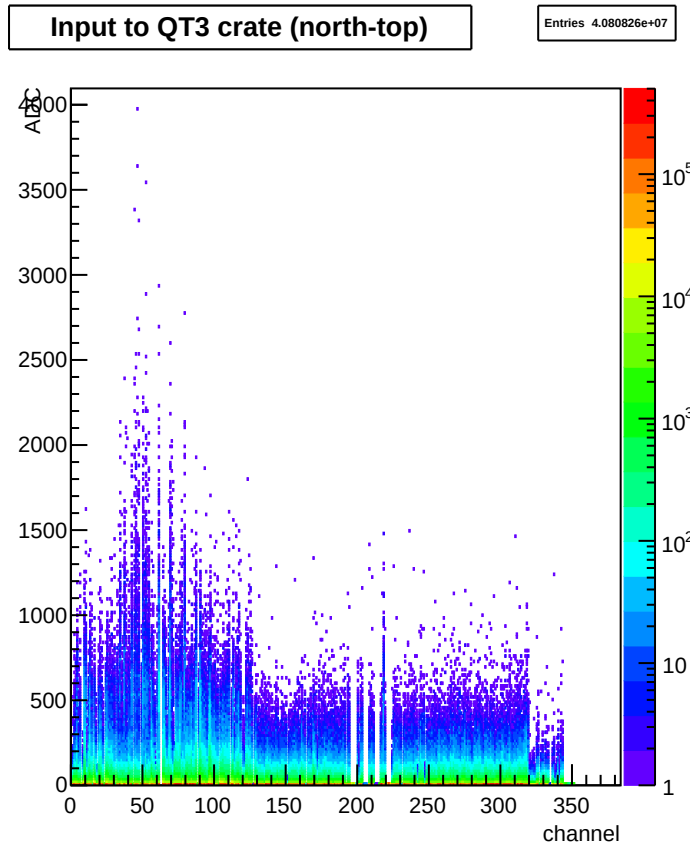

Entries 1734466
BBC-S-East ADC Sum
BBC-S-West ADC Sum

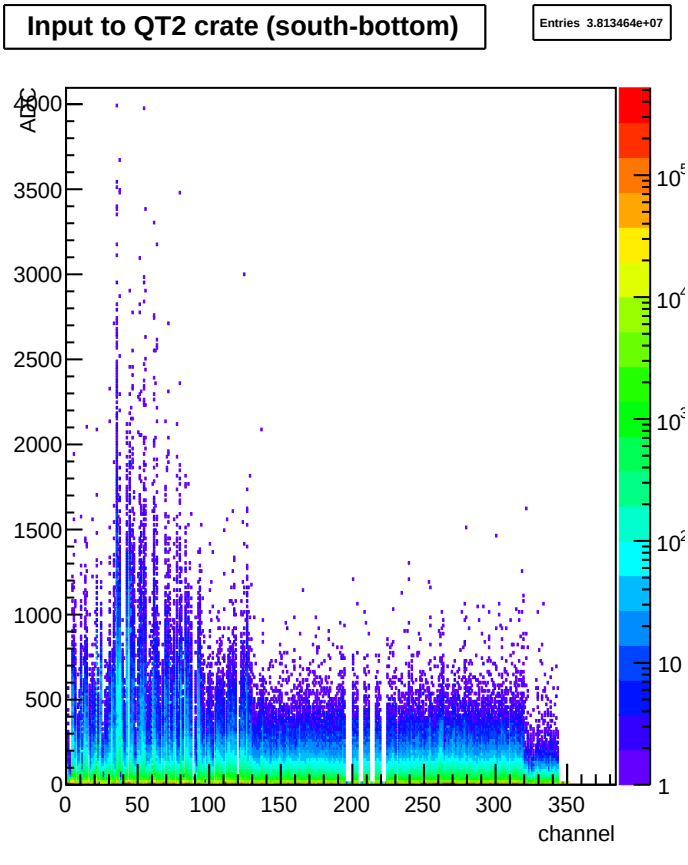

Entries 1734466
ZDC East ADC Sum Att
ZDC West ADC Sum Att

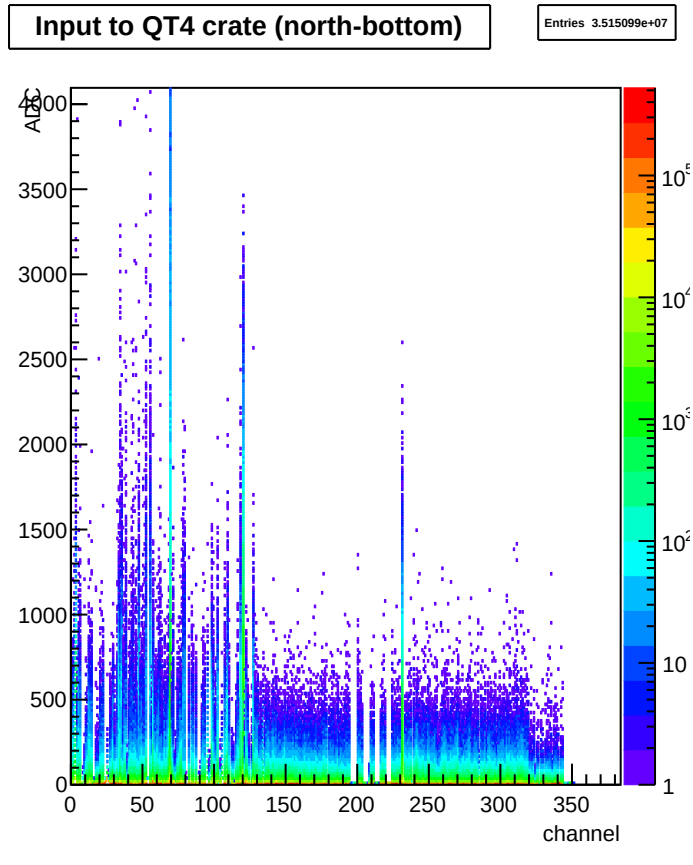

Entries 1734466
VPD East ADC Sum
VPD West ADC Sum

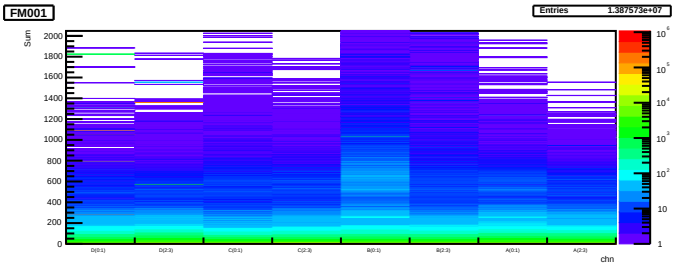

Entries 1734466
BBC-S TAC Diff
ZDC TAC Diff

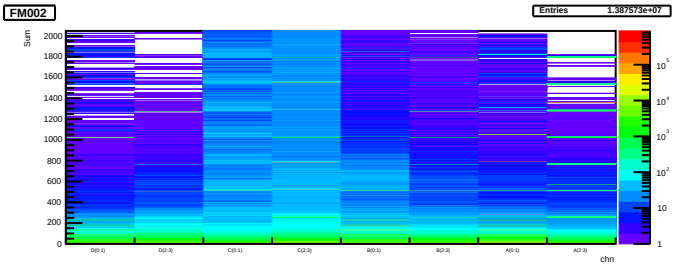

Input to QT1 crate (south-top)
Entries 4.017902e+07
ADC
channel

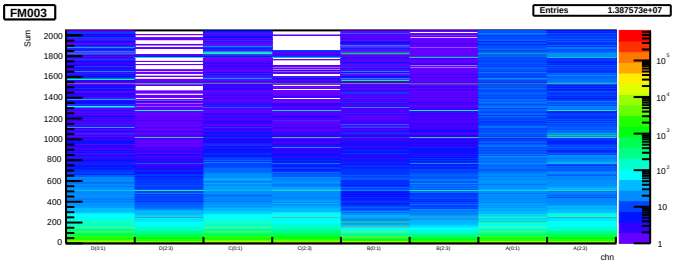

Input to QT3 crate (north-top)
Entries 4.080826e+07
ADC
channel

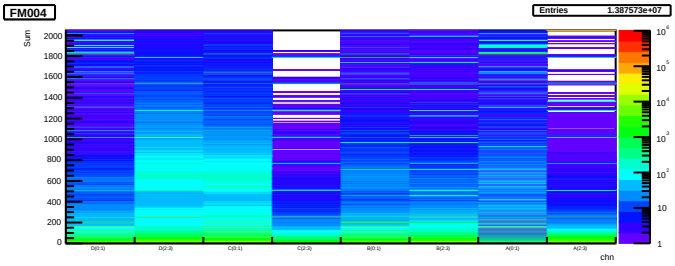

Input to QT2 crate (south-bottom)
Entries 3.813464e+07
ADC
channel

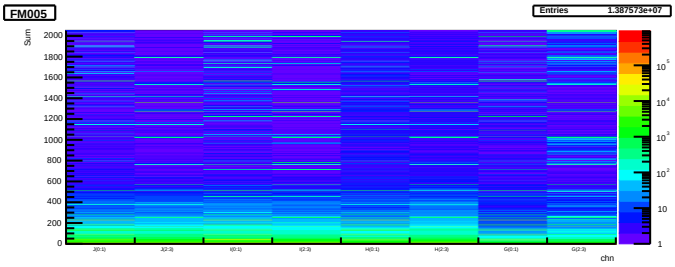

Input to QT4 crate (north-bottom)
Entries 3.515099e+07
ADC
channel

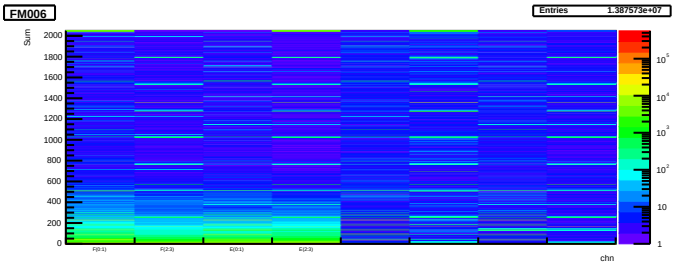

FM001
Entries 1.387573e+07
Sum
chn

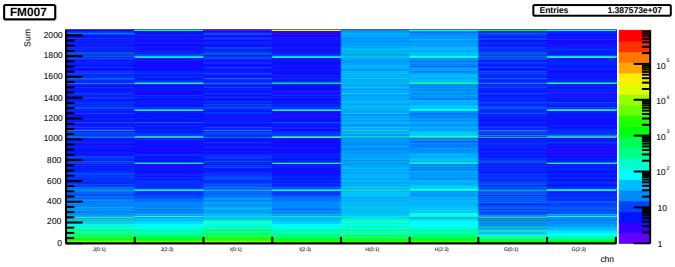

FM002
Entries 1.387573e+07
Sum
chn

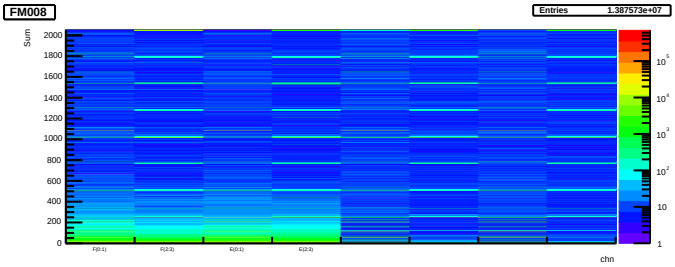

FM003
Entries 1.387573e+07
Sum
chn


FM004
Entries 1.387573e+07
Sum
chn


FM005
Entries 1.387573e+07
Sum
chn


FM006
Entries 1.387573e+07
Sum
chn


FM007
Entries 1.387573e+07
Sum
chn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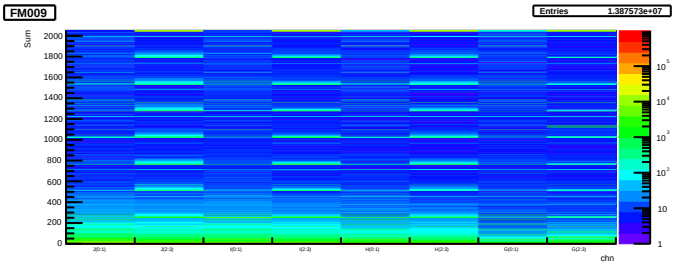
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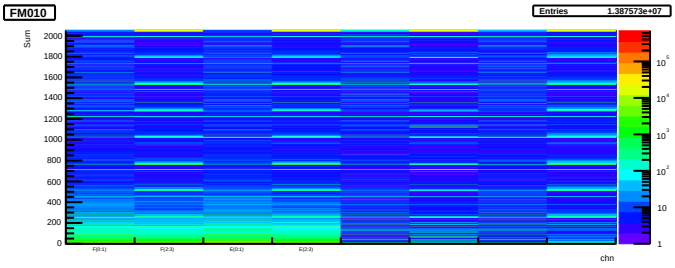
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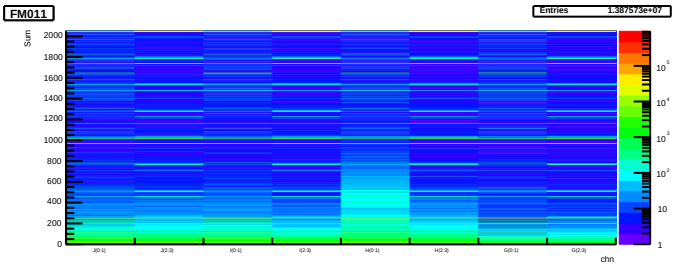
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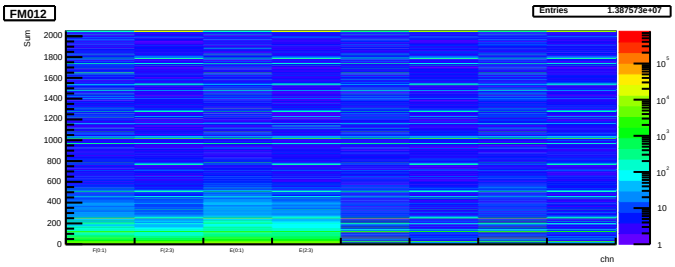
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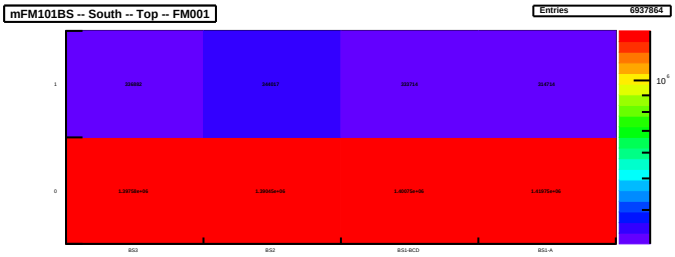
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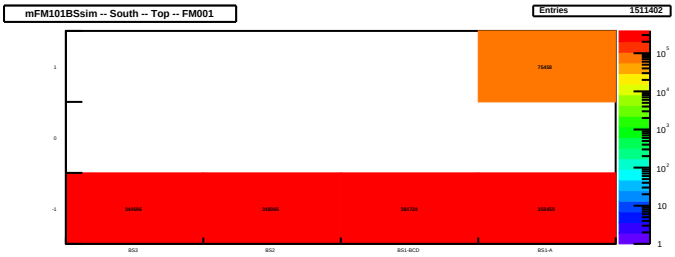
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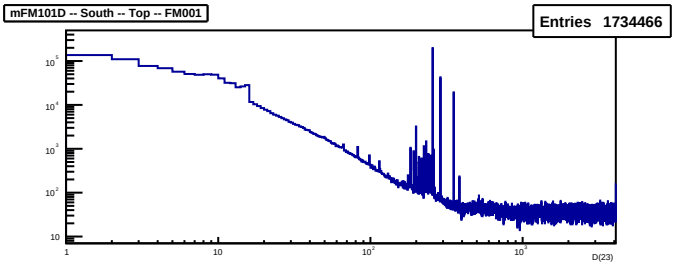
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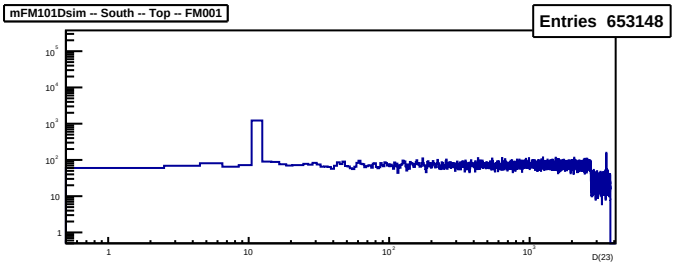
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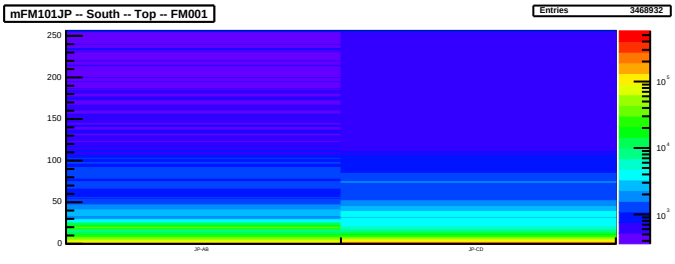
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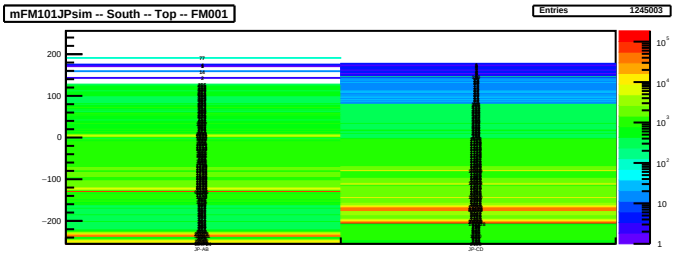
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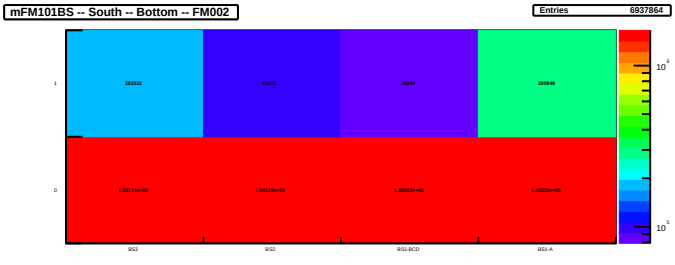
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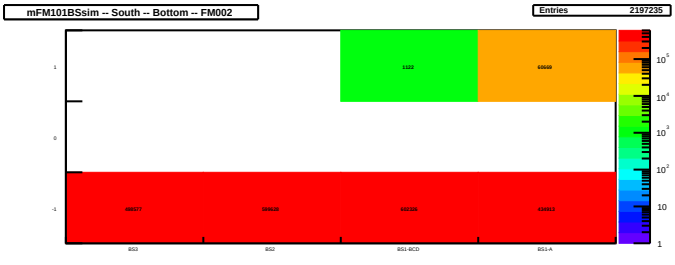
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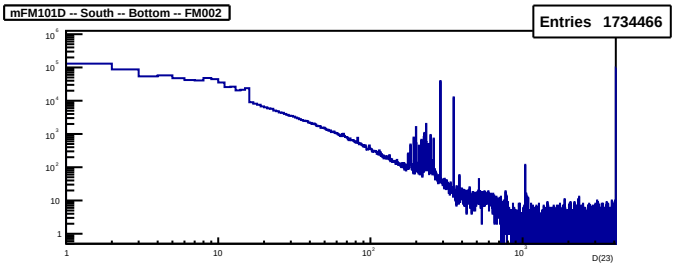
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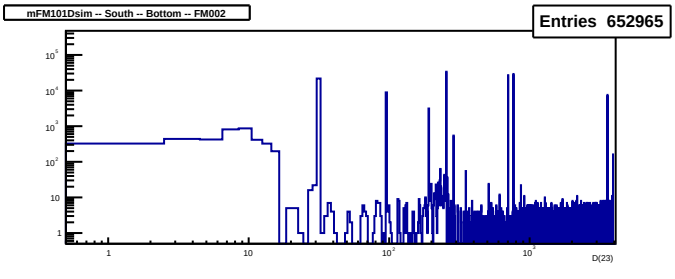
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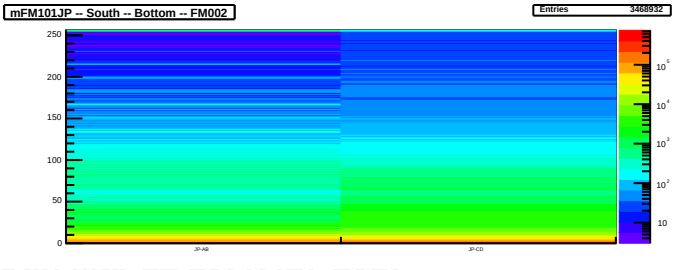
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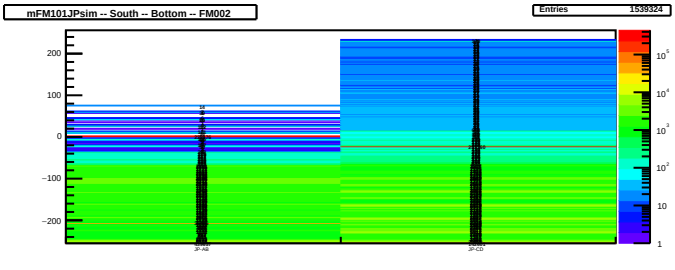
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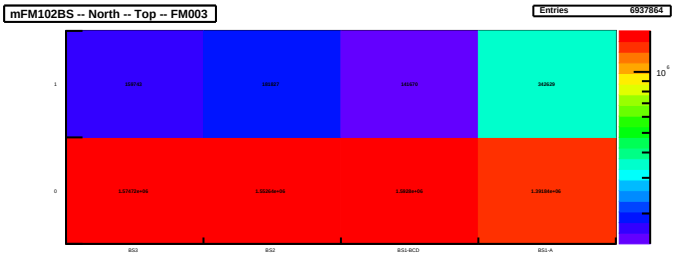
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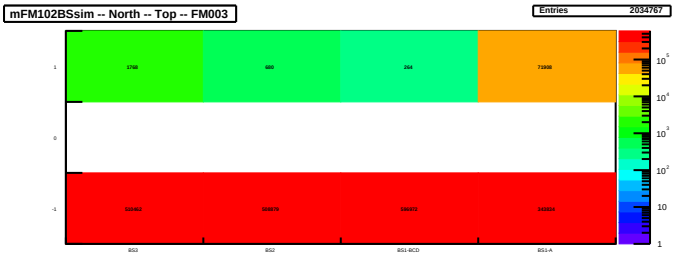
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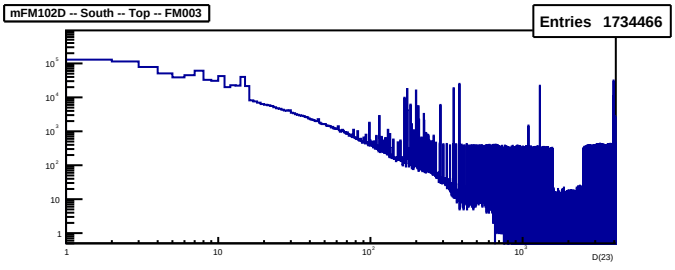
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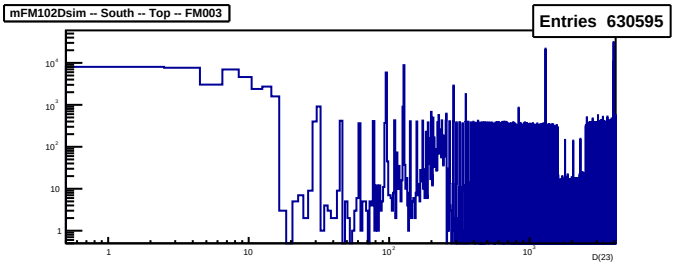
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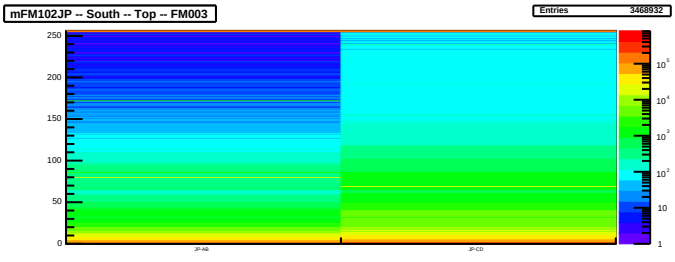
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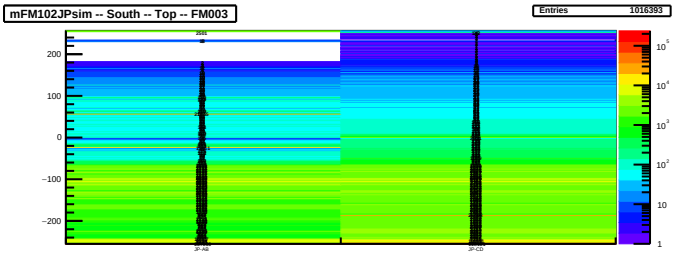
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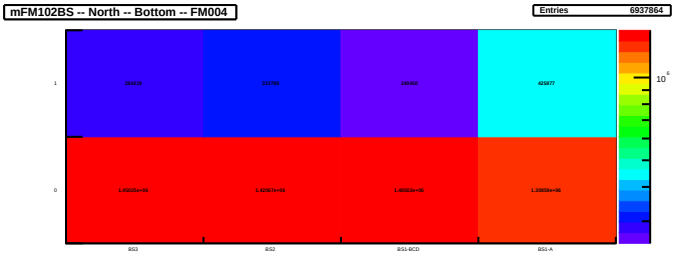
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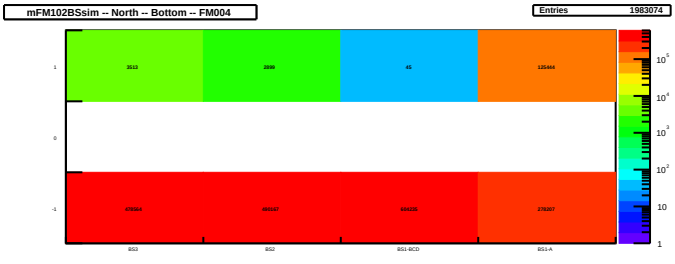
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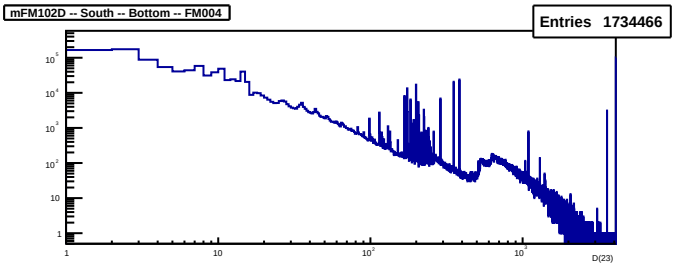
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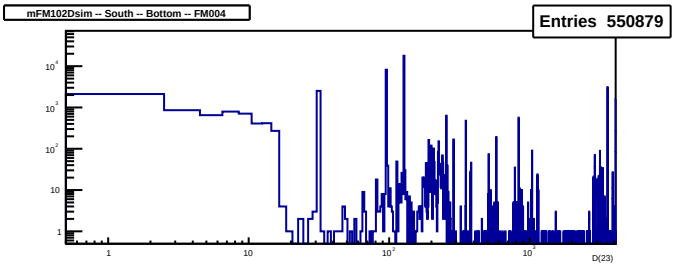
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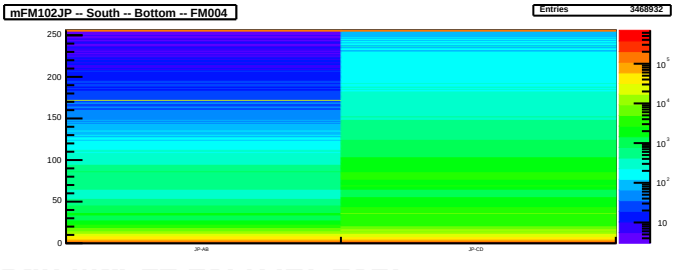
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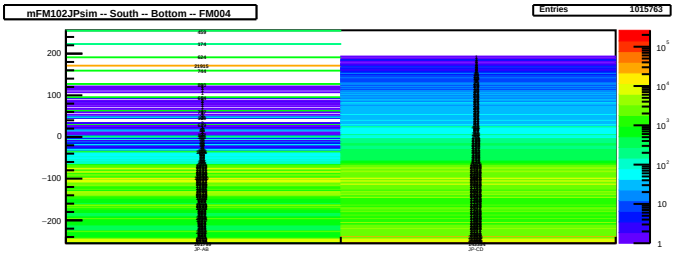
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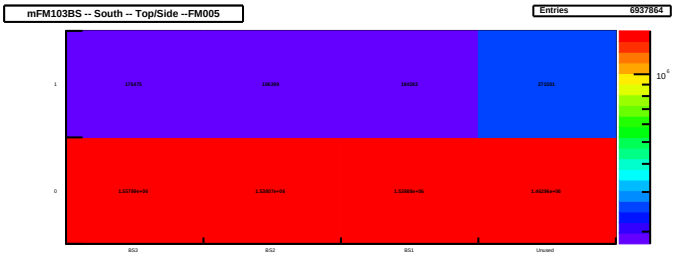
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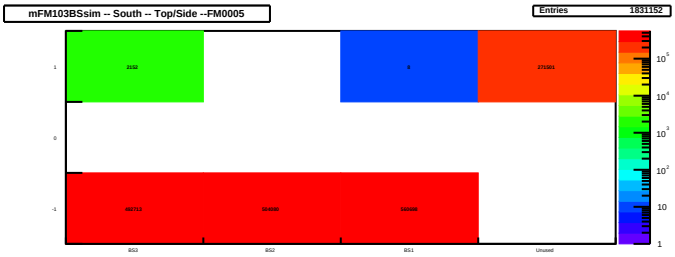
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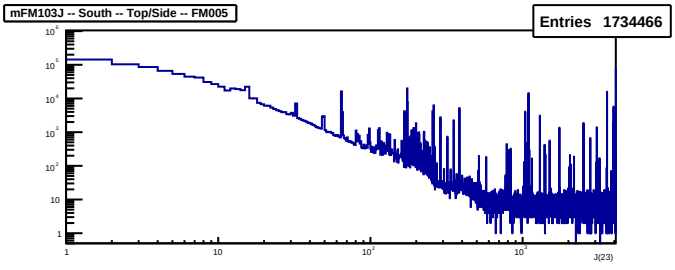
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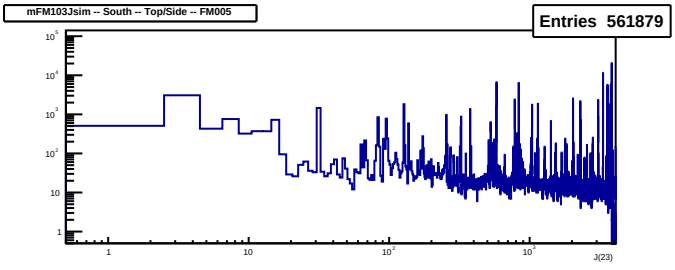
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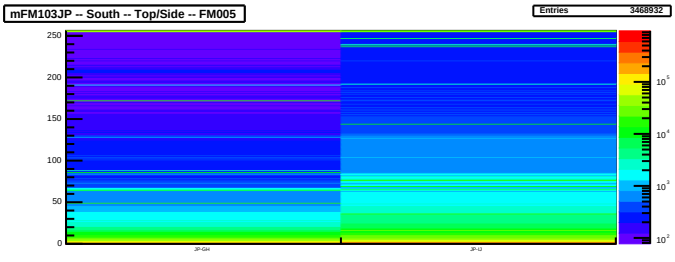
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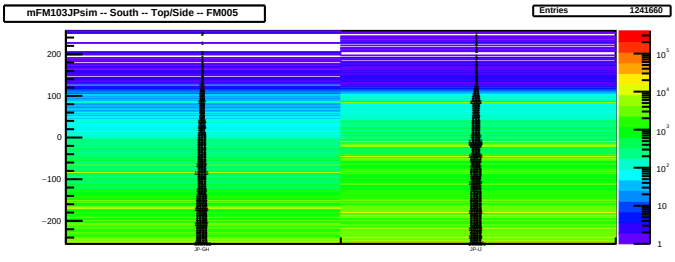
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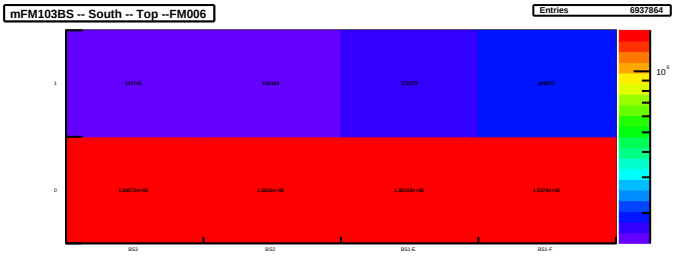
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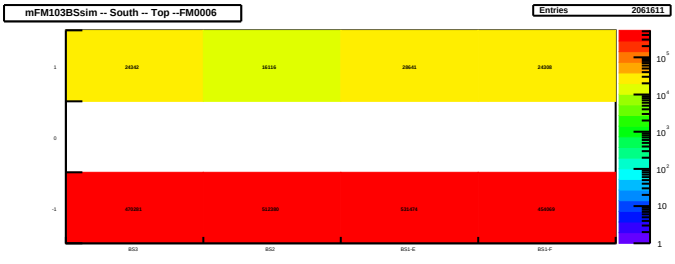
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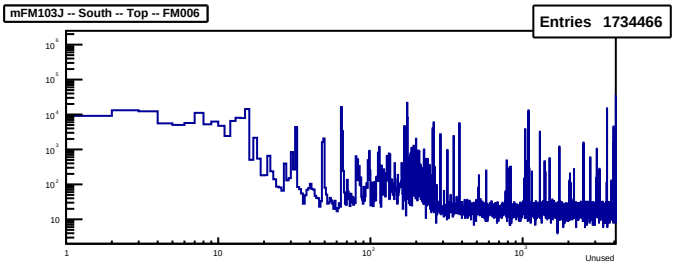
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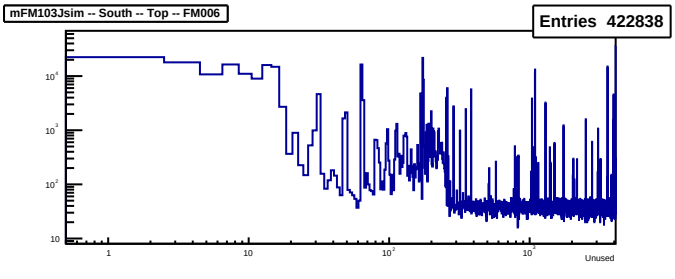
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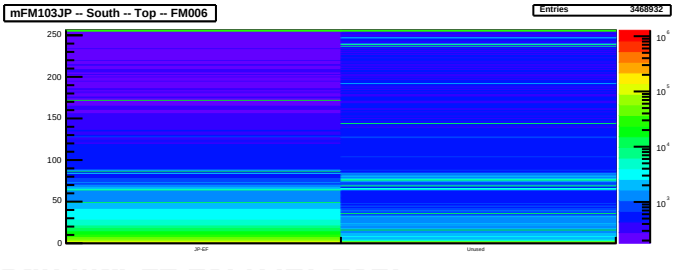
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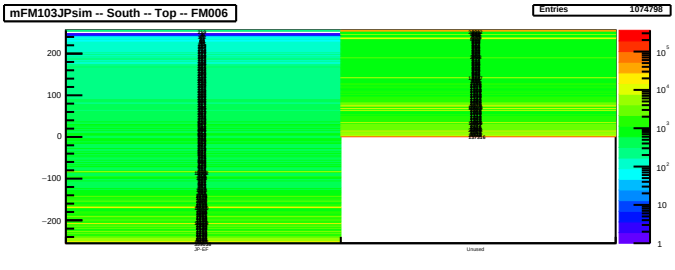
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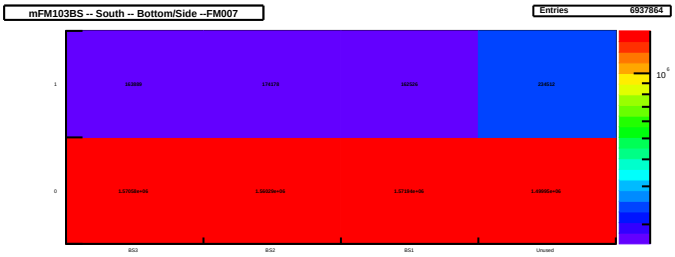
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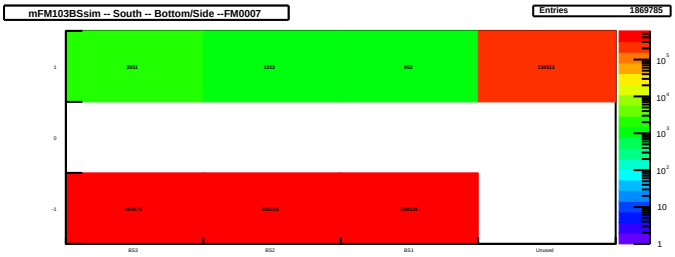
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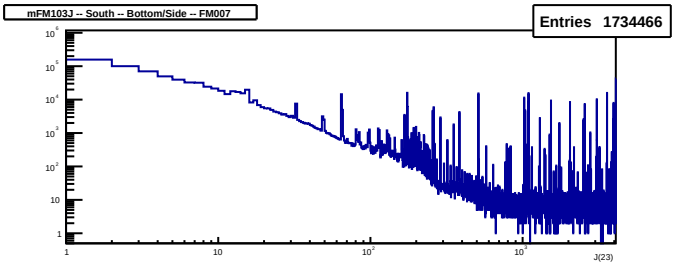
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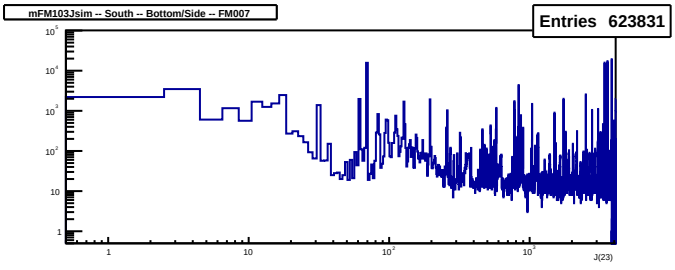
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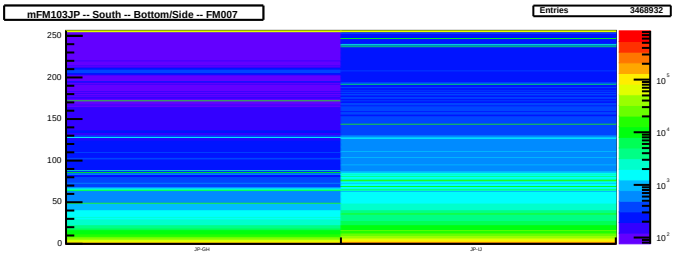
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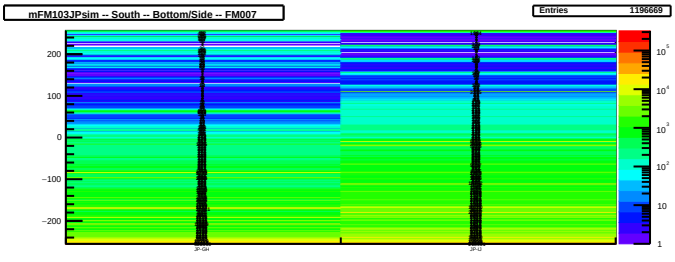
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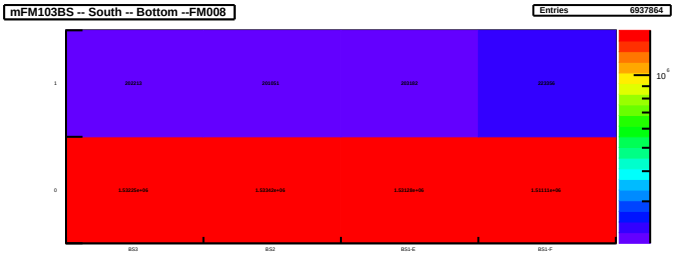
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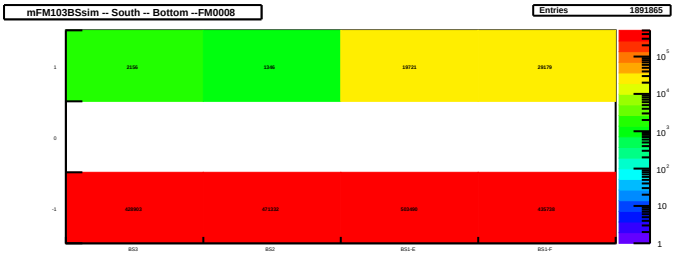
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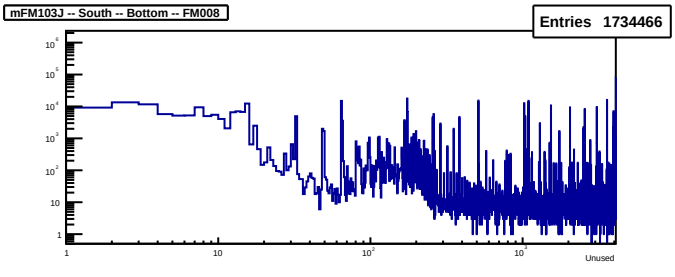
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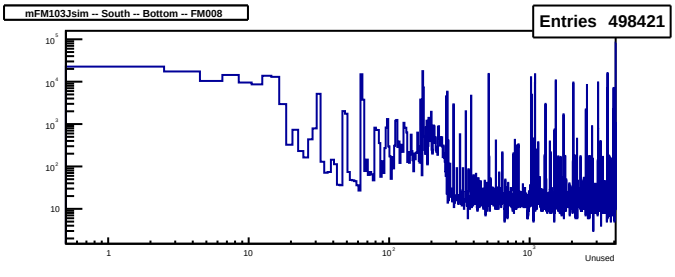
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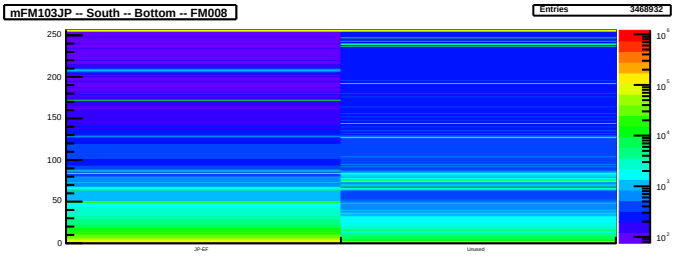
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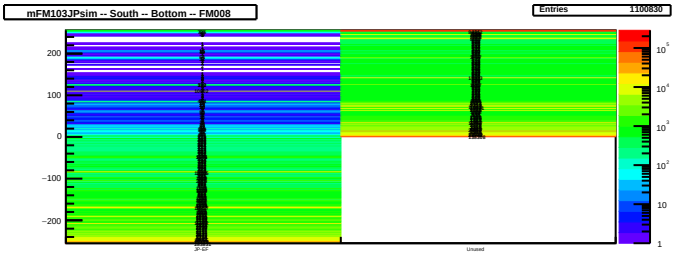
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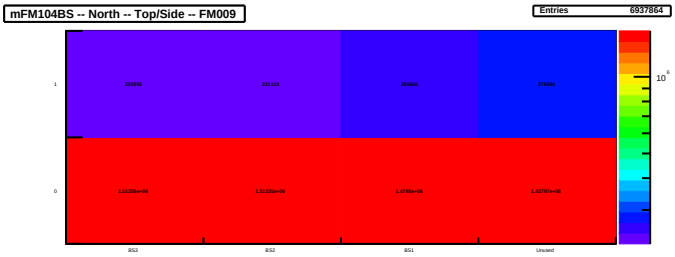
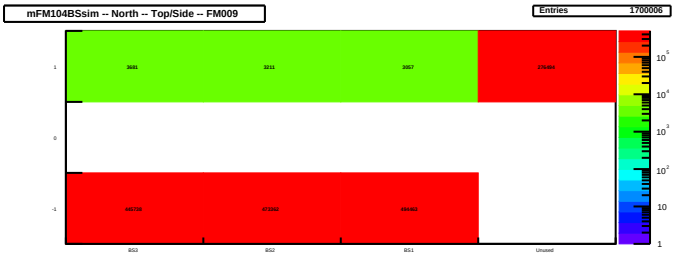
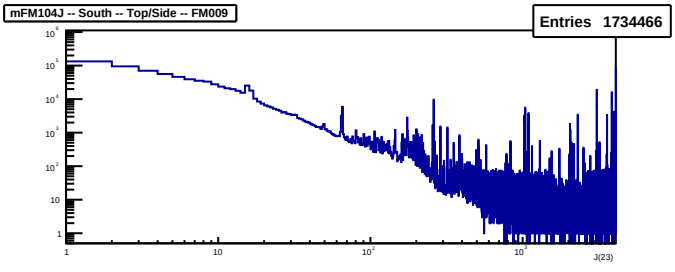
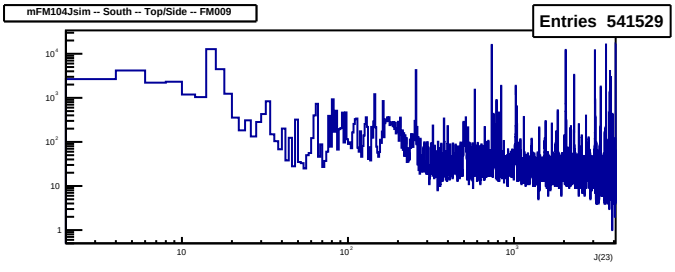

mFM104BS -- North -- Top/Side -- FM009
Entries 6937864


mFM104BSsim -- North -- Top/Side -- FM009
Entries 1700006


mFM104J -- South -- Top/Side -- FM009
Entries 1734466
J(23)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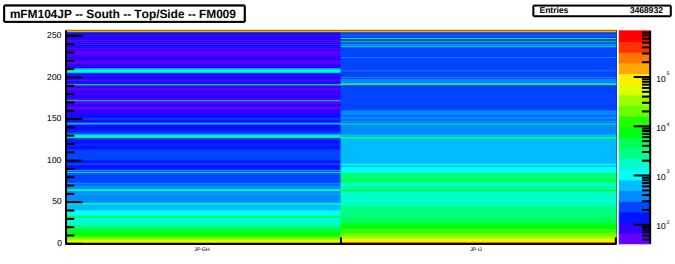
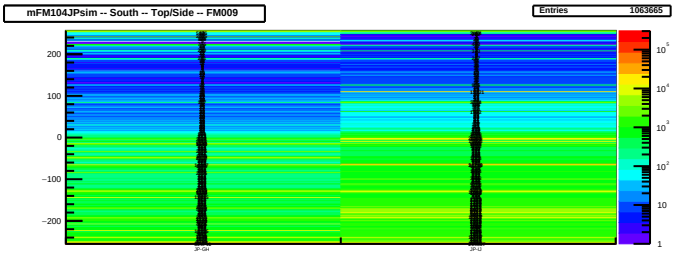
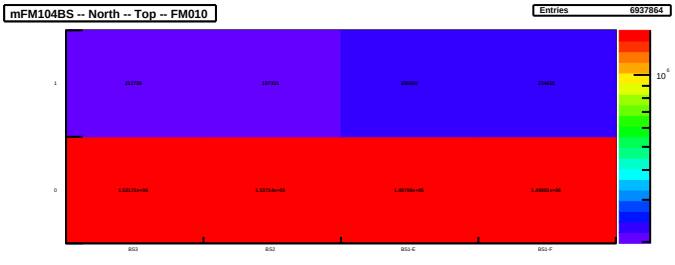
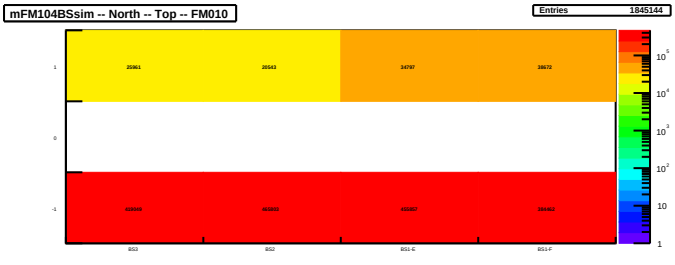
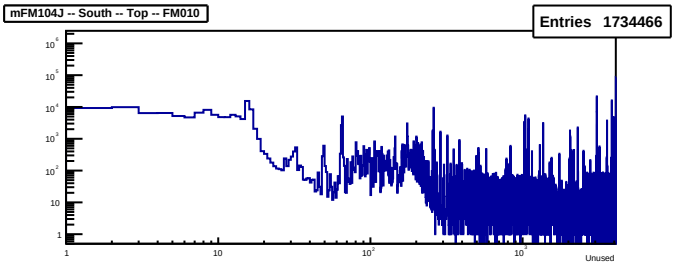
Entries 541529
J(23)

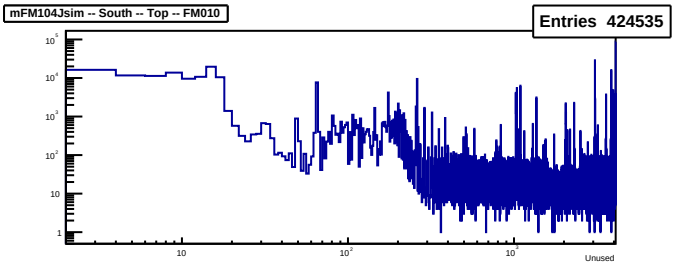

mFM104JP -- South -- Top/Side -- FM009
Entries 3468932

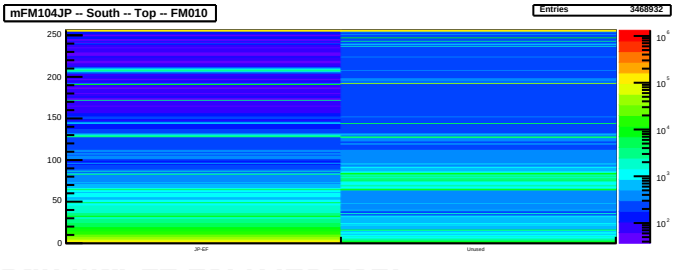

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1063665

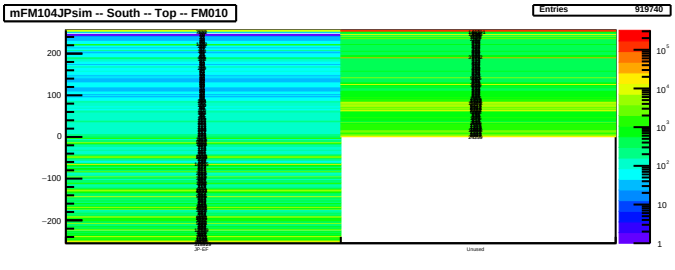

mFM104BS -- North -- Top -- FM010
Entries 6937864

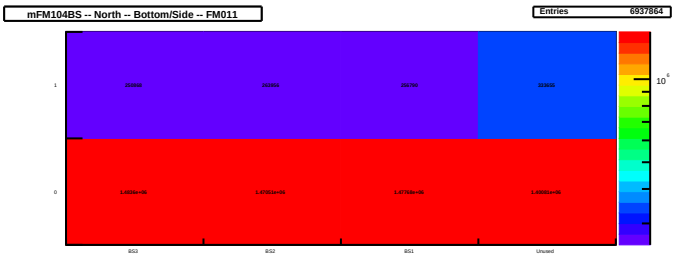

mFM104BSsim -- North -- Top -- FM010
Entries 1845144

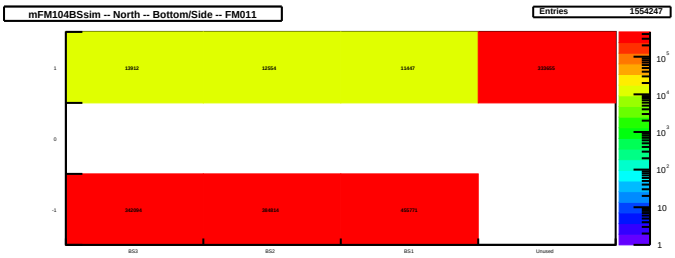

mFM104J -- South -- Top -- FM010
Entries 1734466
Unused

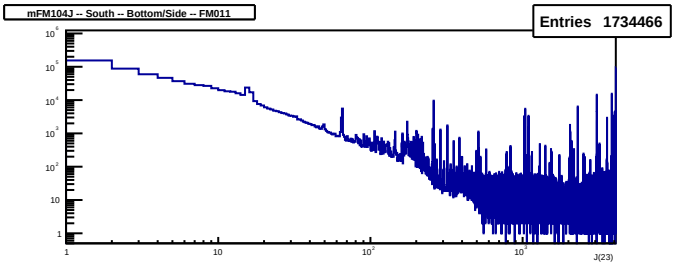

mFM104Jsim -- South -- Top -- FM010
Entries 424535
Unused

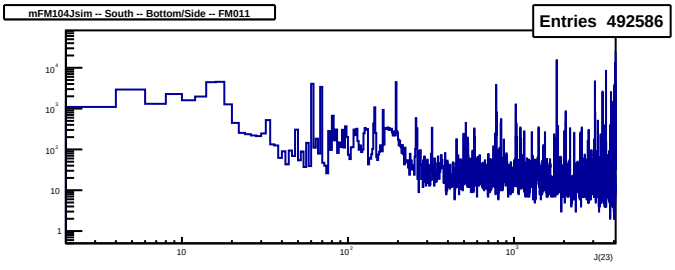

mFM104JP -- South -- Top -- FM010
Entries 3468932

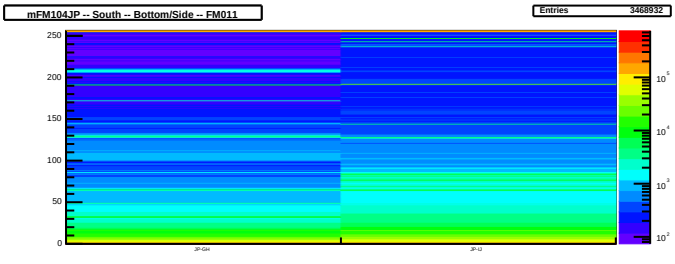

mFM104JPsim -- South -- Top -- FM010
Entries 919740

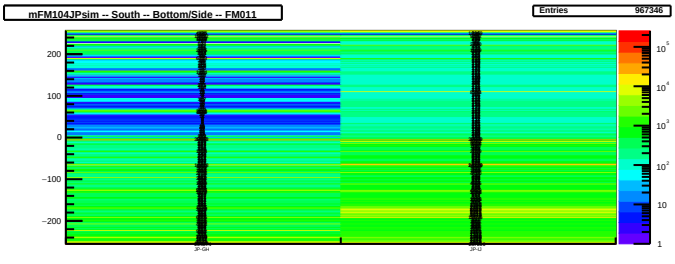

mFM104BS -- North -- Bottom/Side -- FM011
Entries 6937864

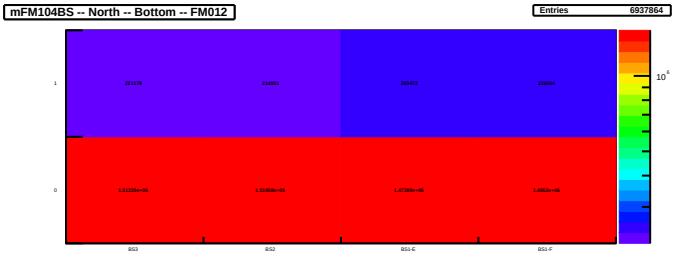

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1554247

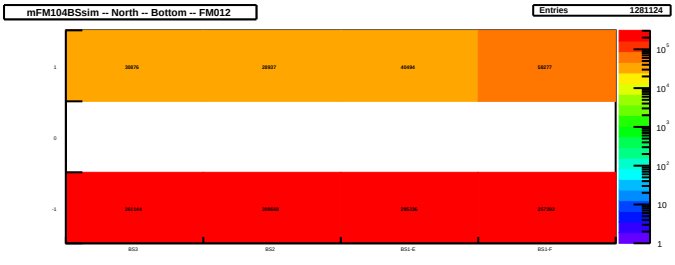

mFM104J -- South -- Bottom/Side -- FM011
Entries 1734466
J(23)

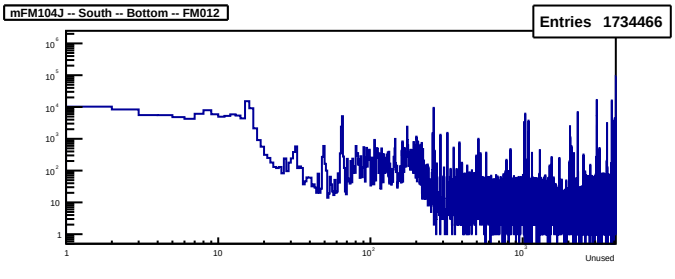

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 492586
J(23)

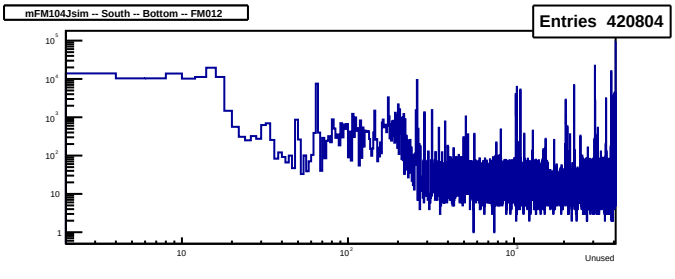

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3468932

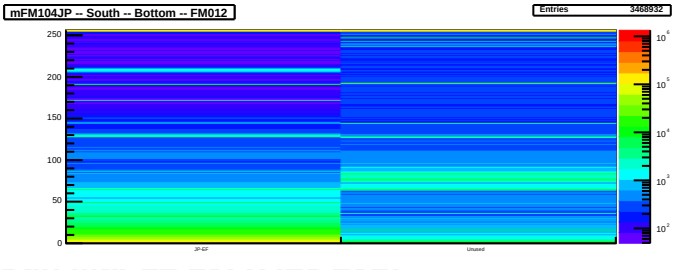

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 967346

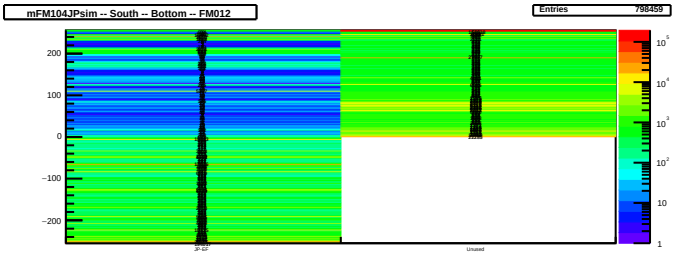

mFM104BS -- North -- Bottom -- FM012
Entries 6937864

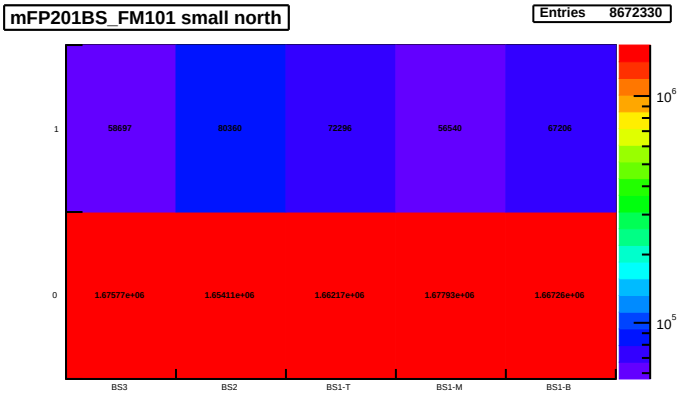

mFM104BSsim -- North -- Bottom -- FM012
Entries 1281124

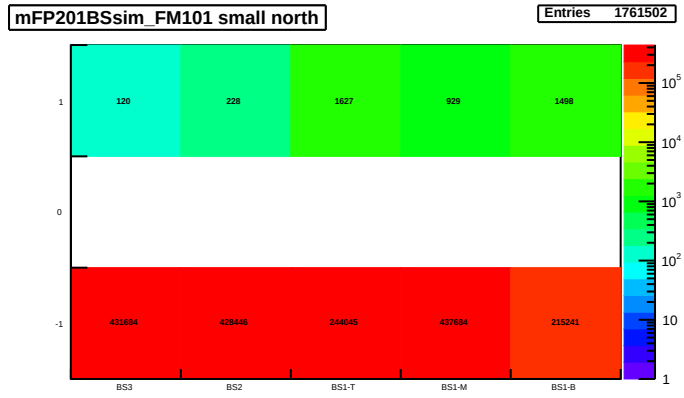

mFM104J -- South -- Bottom -- FM012
Entries 1734466
Unused

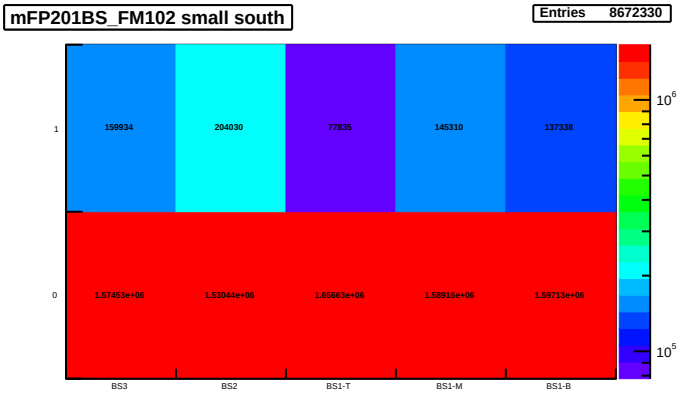

mFM104Jsim -- South -- Bottom -- FM012
Entries 420804
Unused

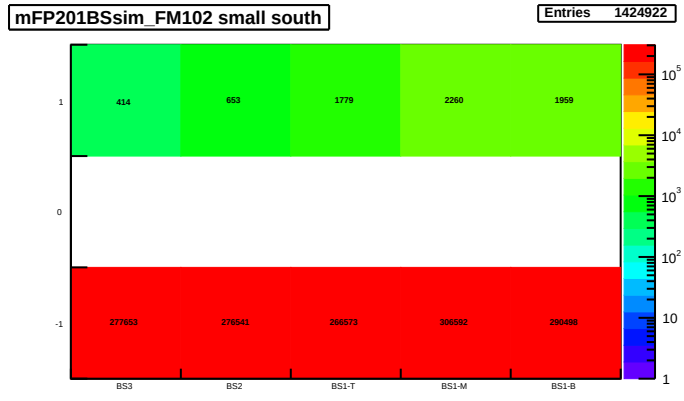

mFM104JP -- South -- Bottom -- FM012
Entries 3468932

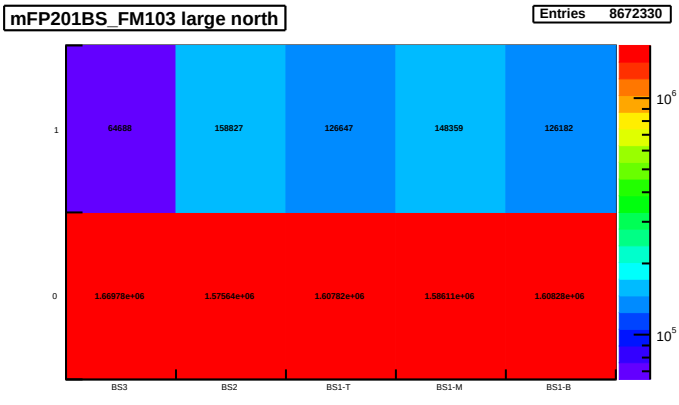

mFM104JPsim -- South -- Bottom -- FM012
Entries 798459

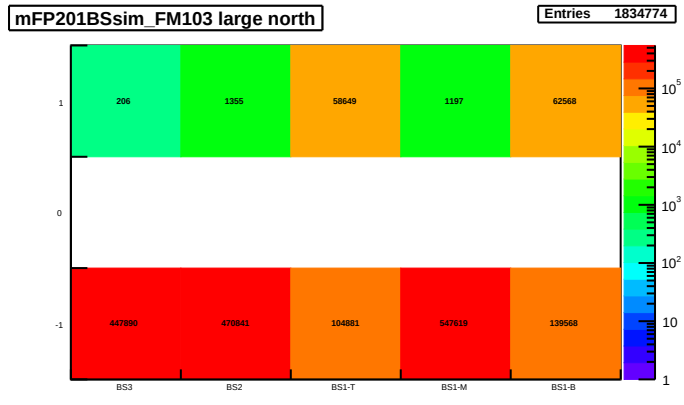

mFP201BS_FM101 small north
Entries 8672330
58697
80360
72296
56540
67206
1.67577e+06
1.65411e+06
1.66217e+06
1.67793e+06
1.66726e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

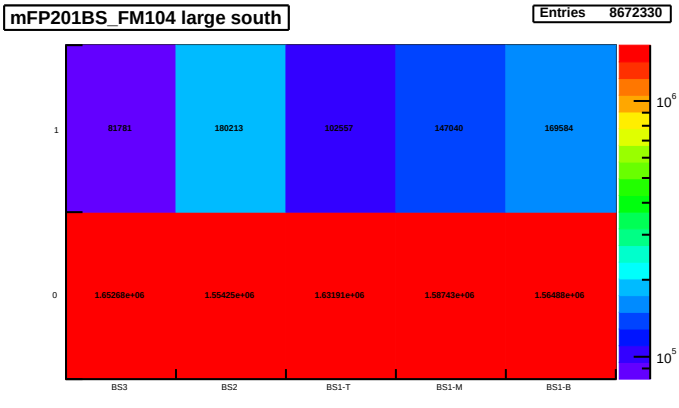

mFP201BSsim_FM101 small north
Entries 1761502
120
228
1627
929
1498
431684
428446
244045
437684
215241
BS3
BS2
BS1-T
BS1-M
BS1-B

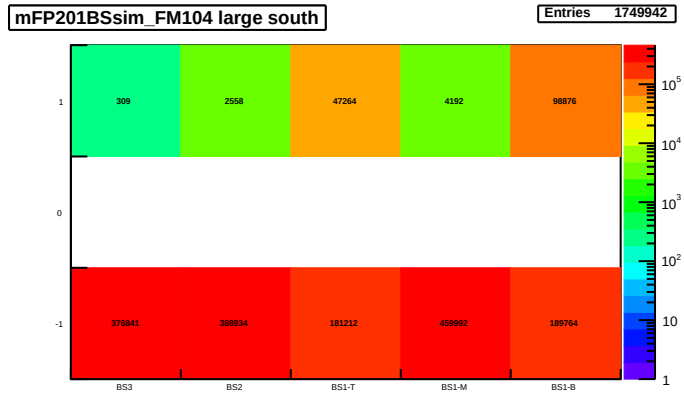

mFP201BS_FM102 small south
Entries 8672330
159934
204030
77835
145310
137338
1.57453e+06
1.53044e+06
1.65663e+06
1.58916e+06
1.59713e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

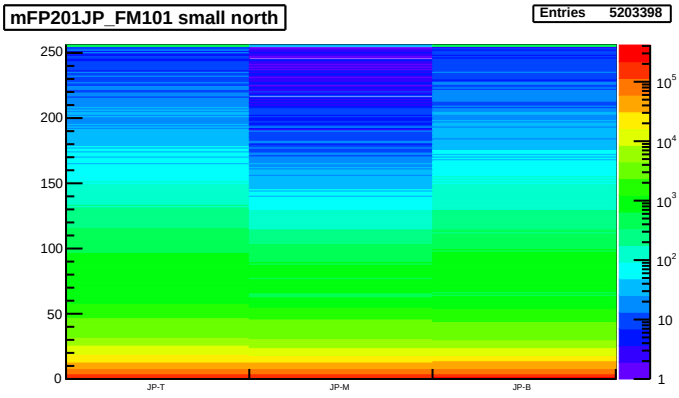

mFP201BSsim_FM102 small south
Entries 1424922
414
653
1779
2260
1959
277653
276541
266573
306592
290498
BS3
BS2
BS1-T
BS1-M
BS1-B

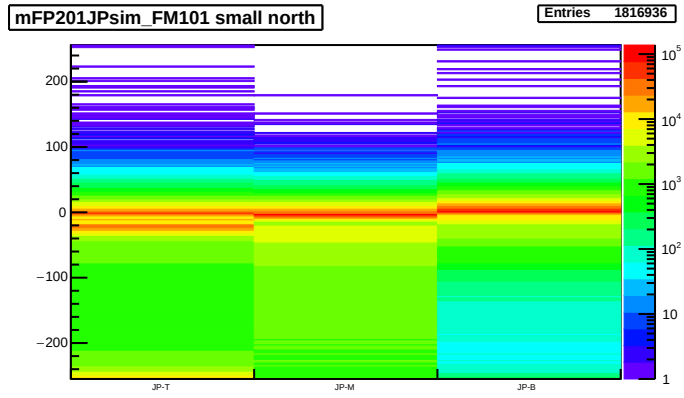

mFP201BS_FM103 large north
Entries 8672330
64688
158827
126647
148359
126182
1.66978e+06
1.57564e+06
1.60782e+06
1.58611e+06
1.60828e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

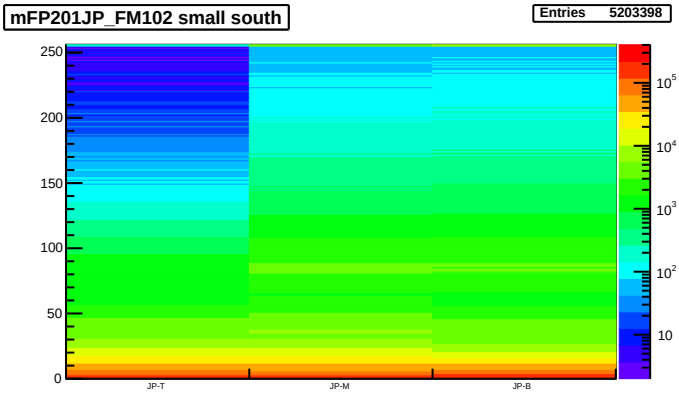

mFP201BSsim_FM103 large north
Entries 1834774
206
1355
58649
1197
62568
447890
470841
104881
547619
139568
BS3
BS2
BS1-T
BS1-M
BS1-B

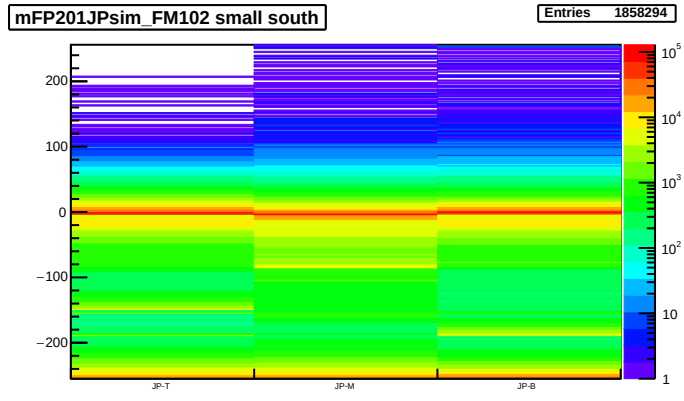

mFP201BS_FM104 large south
Entries 8672330
81781
180213
102557
147040
169584
1.65268e+06
1.55425e+06
1.63191e+06
1.58743e+06
1.56488e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

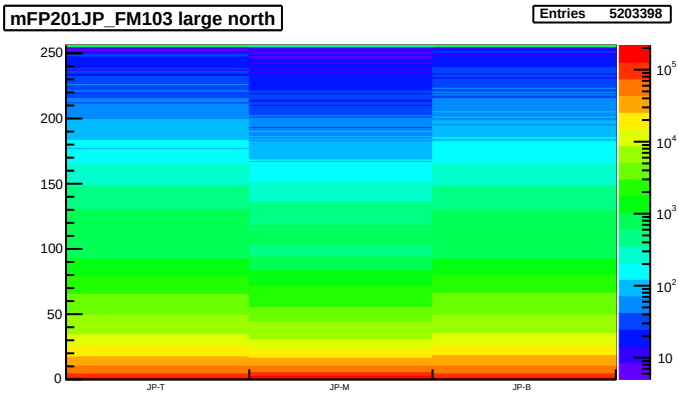

mFP201BSsim_FM104 large south
Entries 1749942
309
2558
47264
4192
98876
376841
388934
181212
459992
189764
BS3
BS2
BS1-T
BS1-M
BS1-B

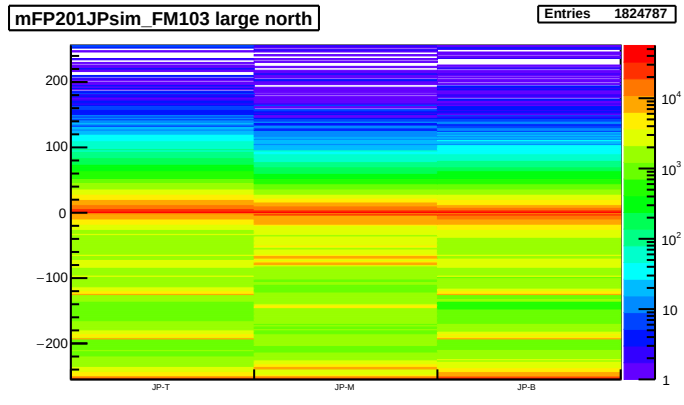

mFP201JP_FM101 small north
Entries 5203398
JP-T
JP-M
JP-B

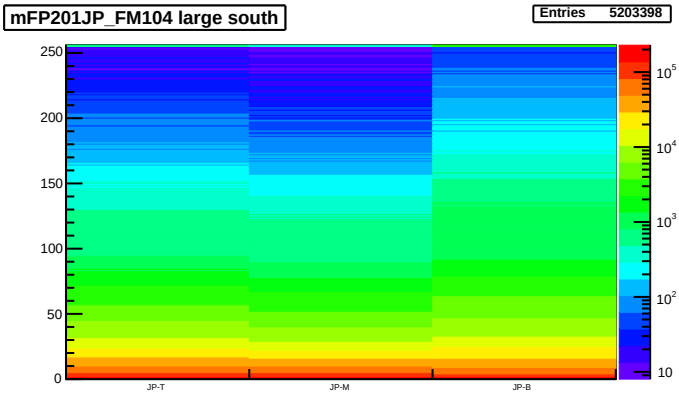

mFP201JPsim_FM101 small north
Entries 1816936
JP-T
JP-M
JP-B

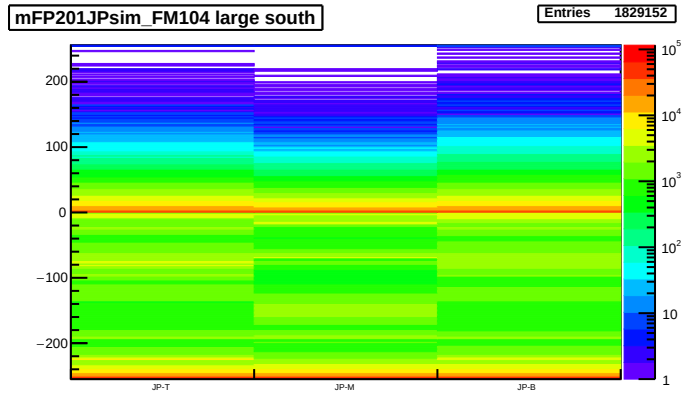

mFP201JP_FM102 small south
Entries 5203398
JP-T
JP-M
JP-B

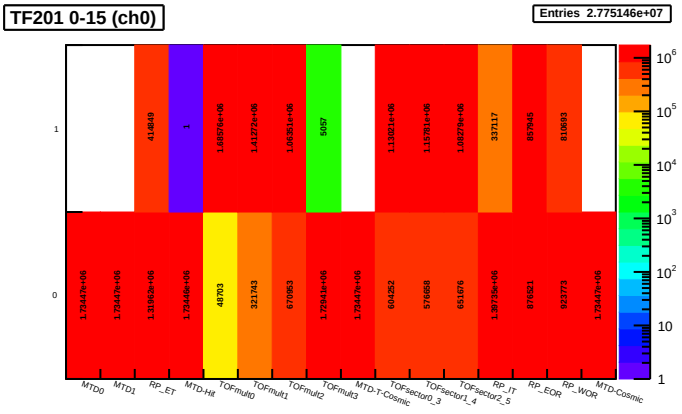

mFP201JPsim_FM102 small south
Entries 1858294
JP-T
JP-M
JP-B

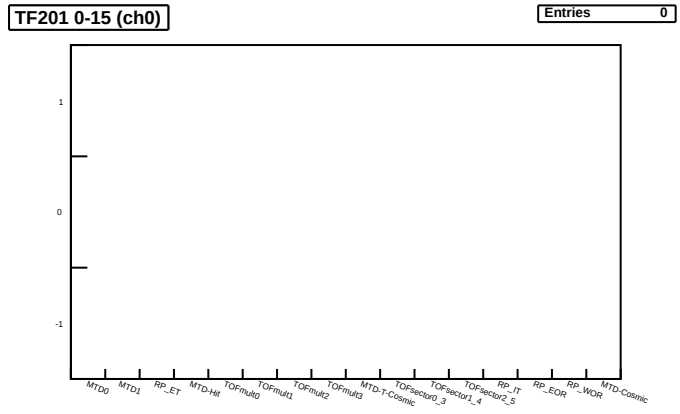

mFP201JP_FM103 large north
Entries 5203398
JP-T
JP-M
JP-B

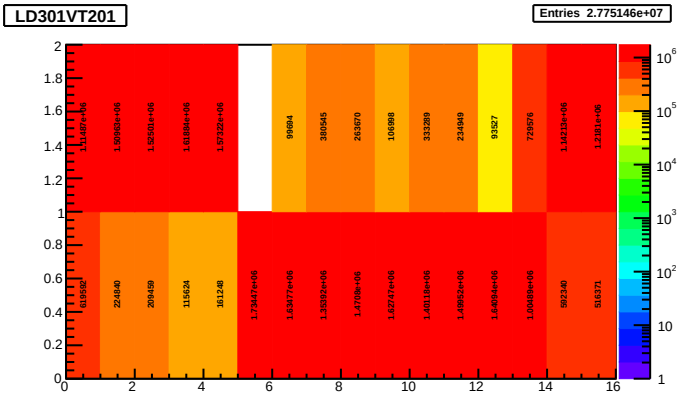

mFP201JPsim_FM103 large north
Entries 1824787
JP-T
JP-M
JP-B

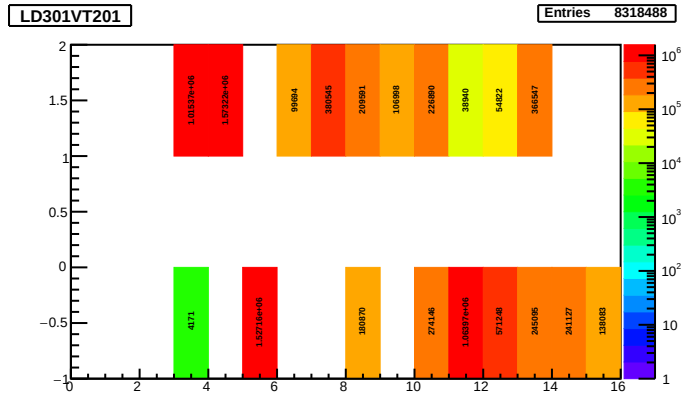

mFP201JP_FM104 large south
Entries 5203398
JP-T
JP-M
JP-B

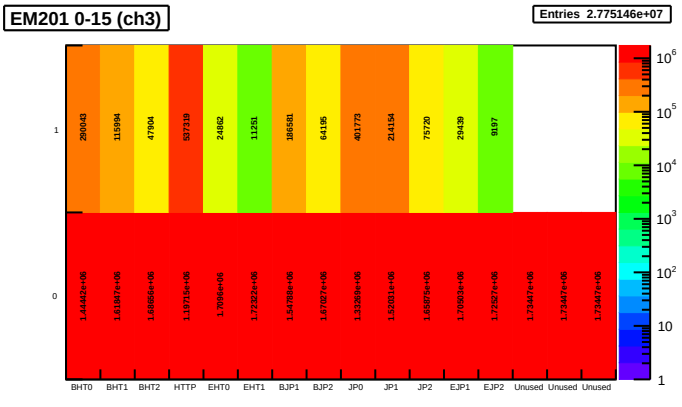

mFP201JPsim_FM104 large south
Entries 1829152
JP-T
JP-M
JP-B

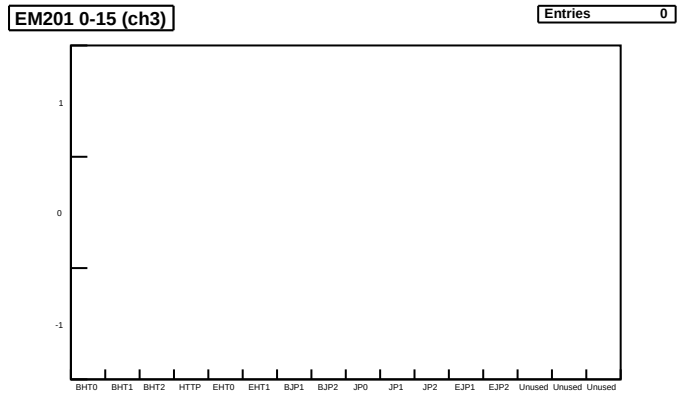

TF201 0-15 (ch0)
Entries 2.775146e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

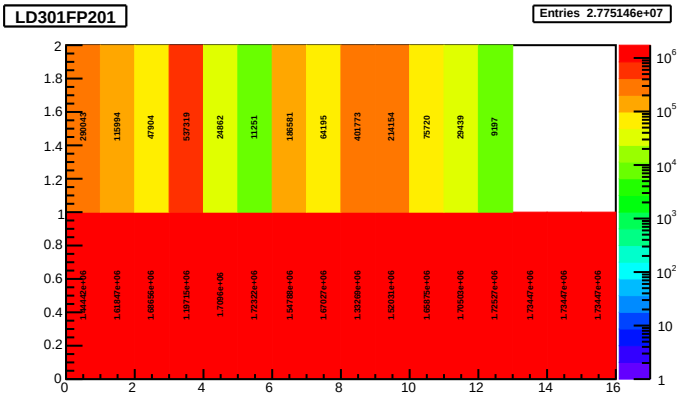

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

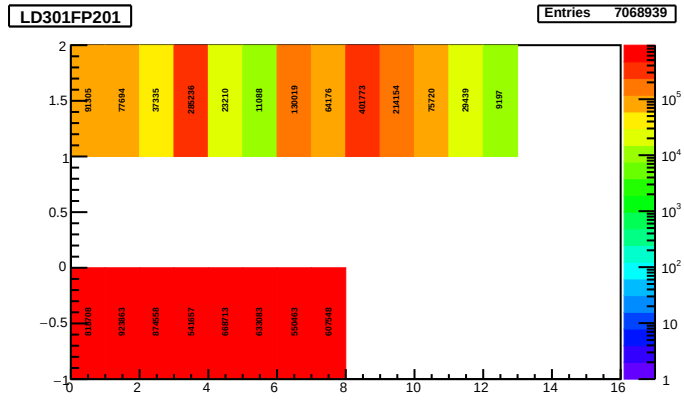

LD301VT201
Entries 2.775146e+07


LD301VT201
Entries 8318488


EM201 0-15 (ch3)
Entries 2.775146e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 2.775146e+07


LD301FP201
Entries 7068939