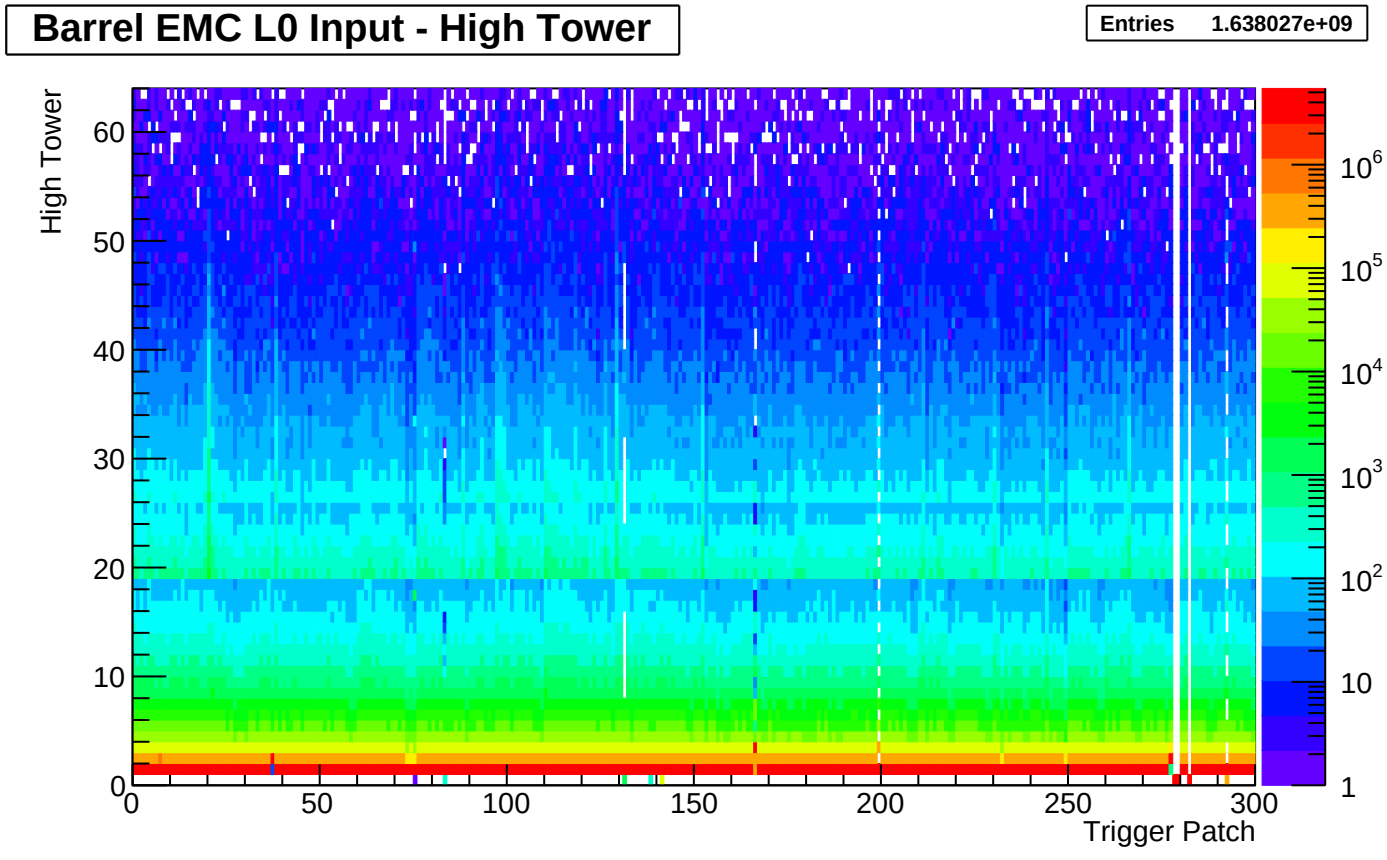
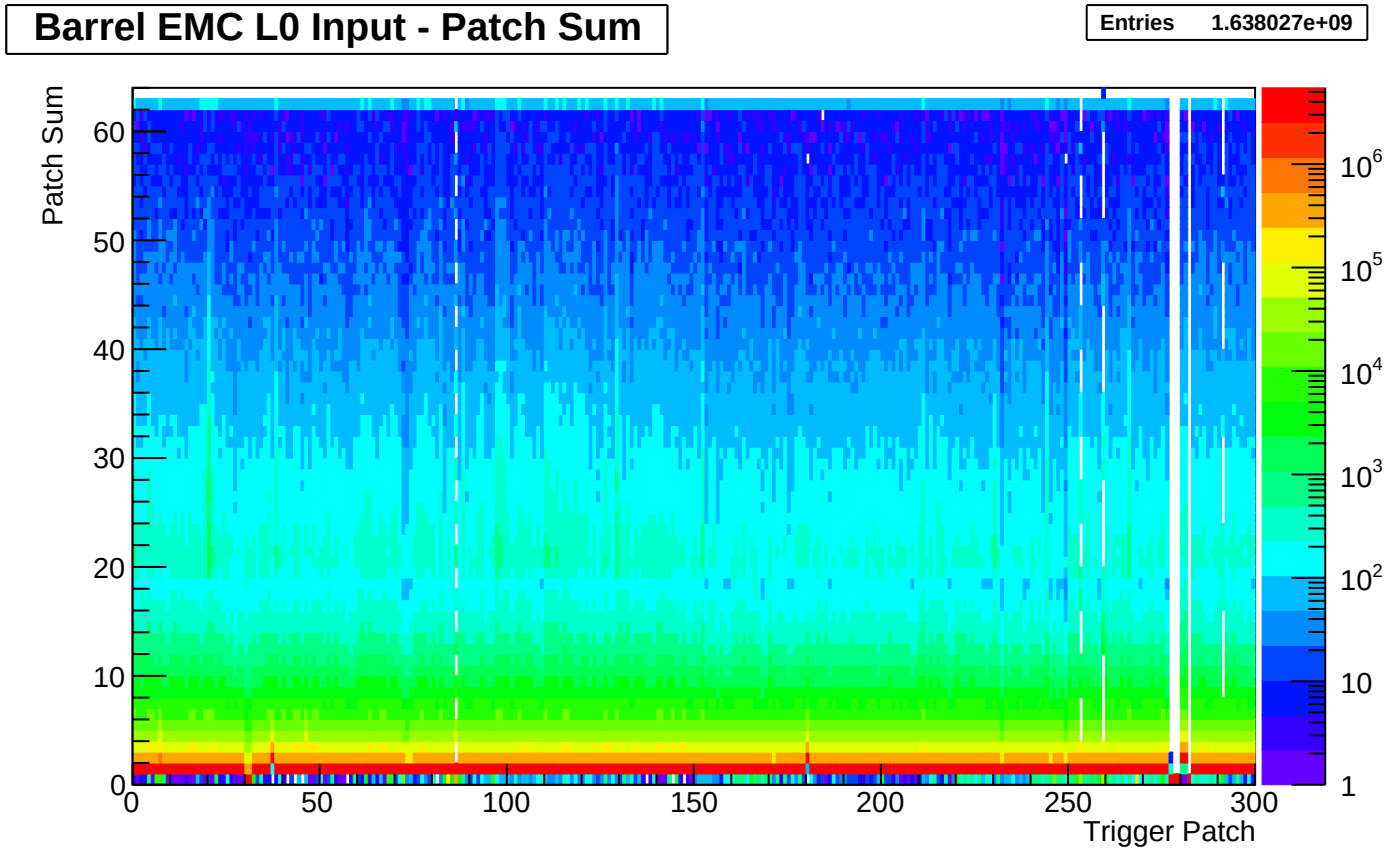
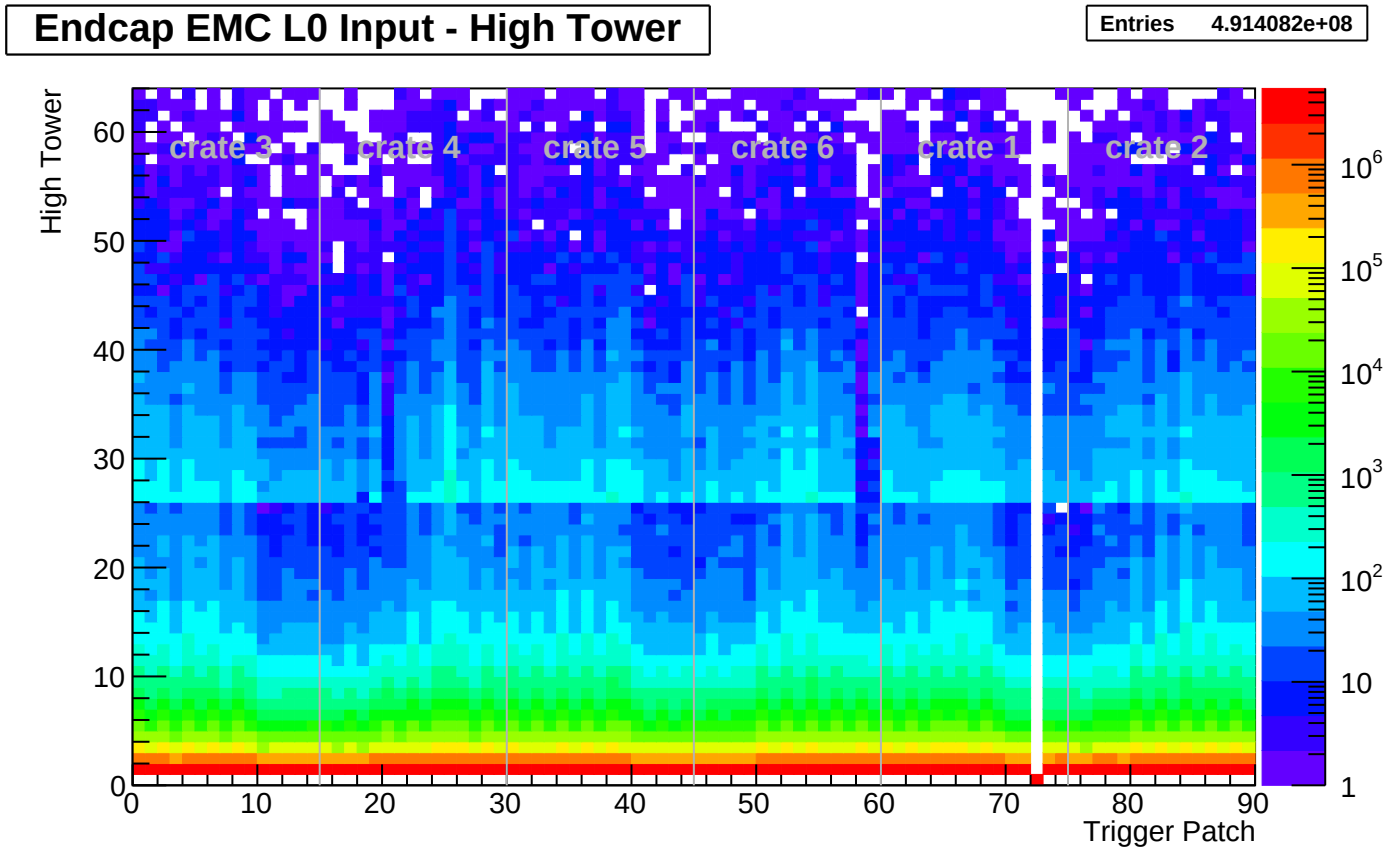
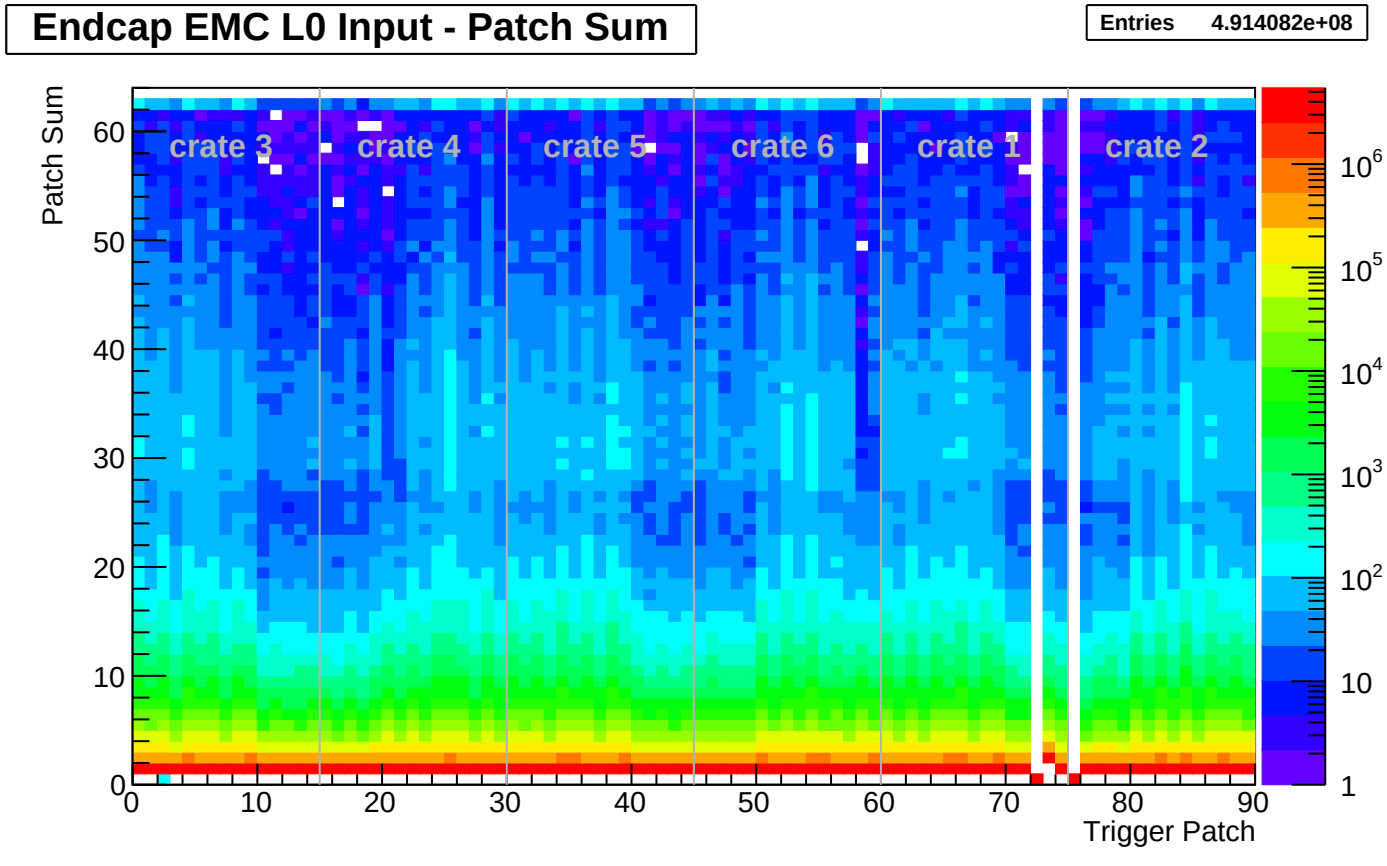
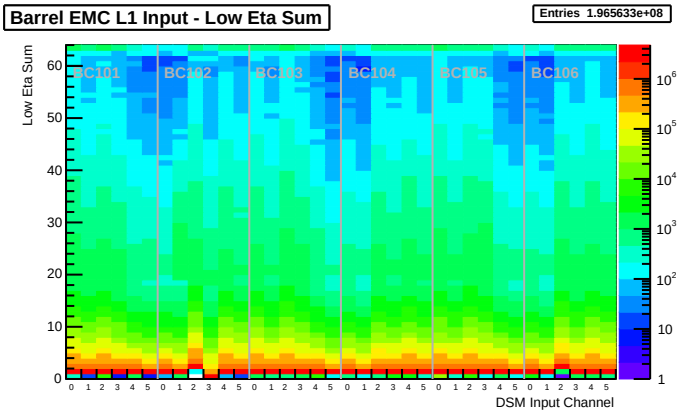
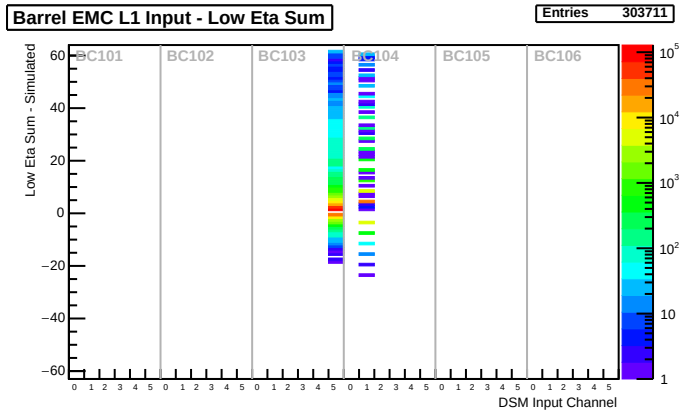

Barrel EMC L0 Input - High Tower
Entries 1.638027e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

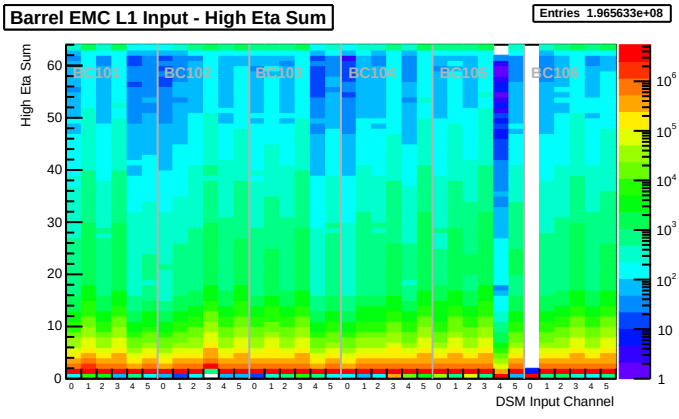

Barrel EMC L0 Input - Patch Sum
Entries 1.638027e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

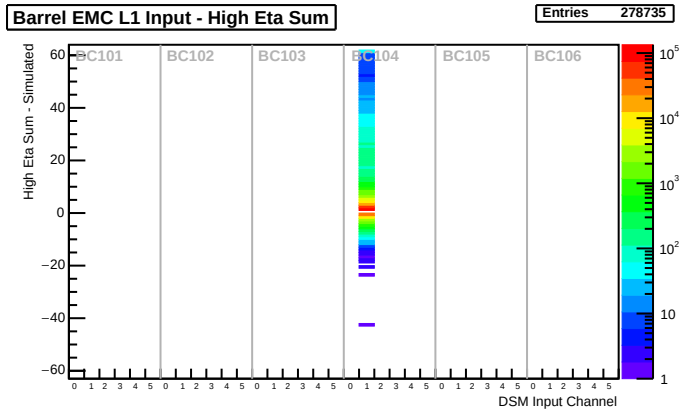

Endcap EMC L0 Input - High Tower
Entries 4.914082e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

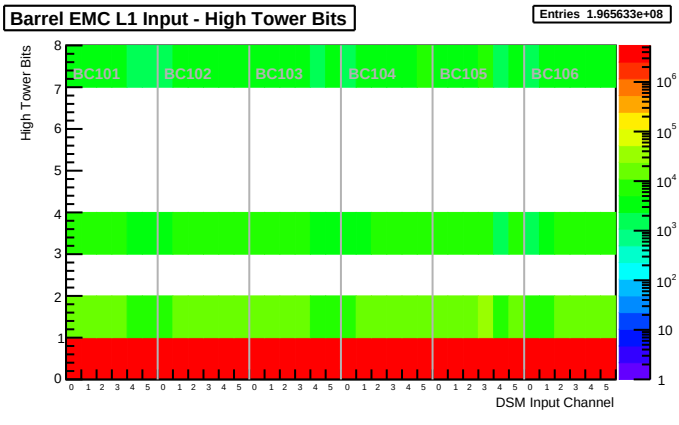

Endcap EMC L0 Input - Patch Sum
Entries 4.914082e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

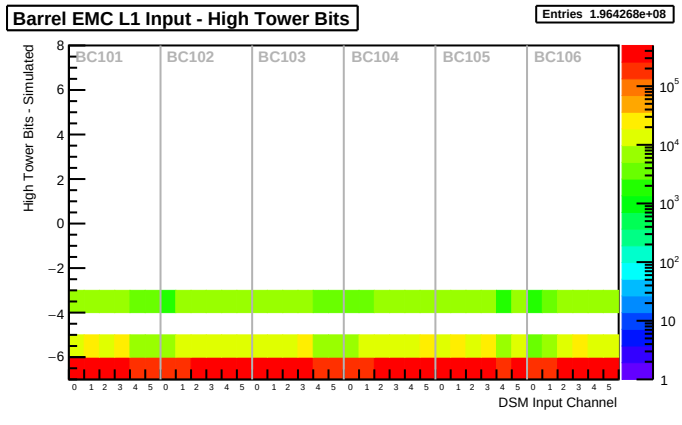

Barrel EMC L1 Input - Low Eta Sum
Entries 1.965633e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

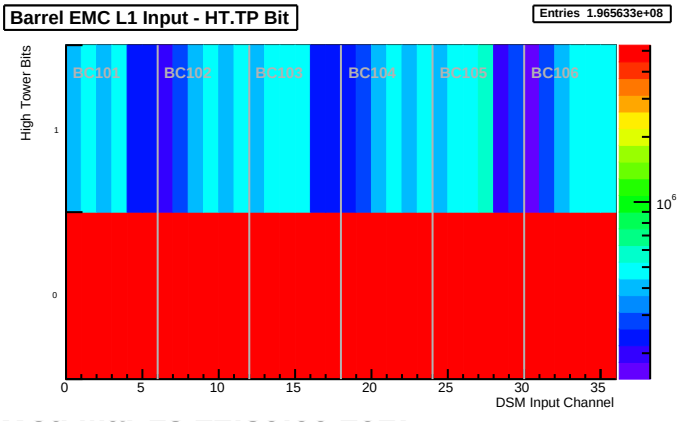

Barrel EMC L1 Input - Low Eta Sum
Entries 303711
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

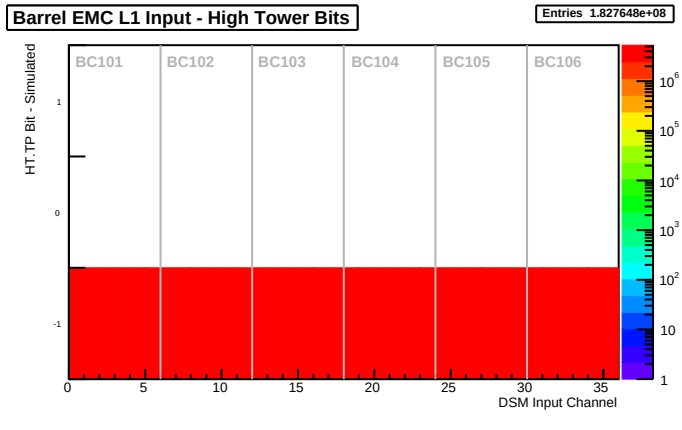

Barrel EMC L1 Input - High Eta Sum
Entries 1.965633e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

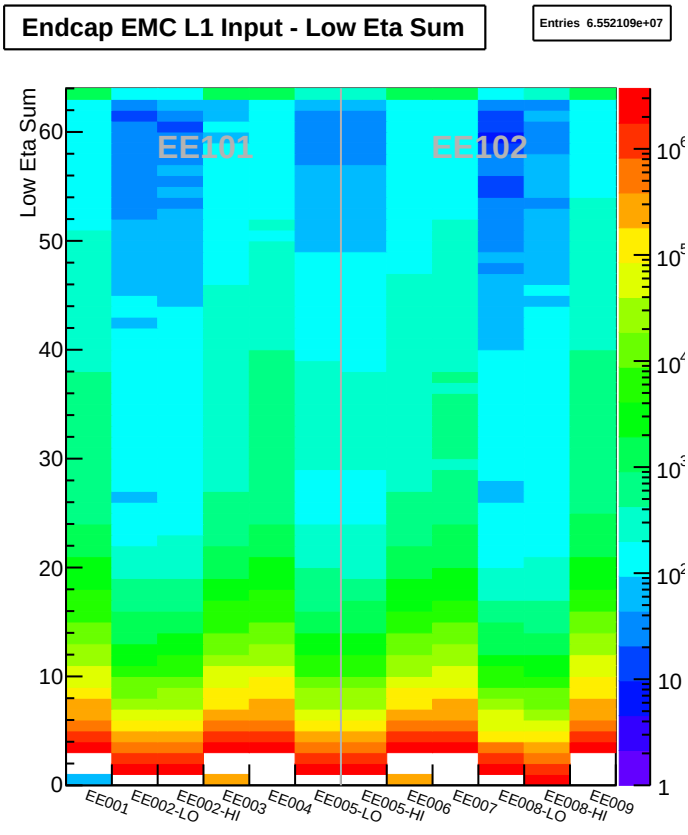

Barrel EMC L1 Input - High Eta Sum
Entries 278735
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

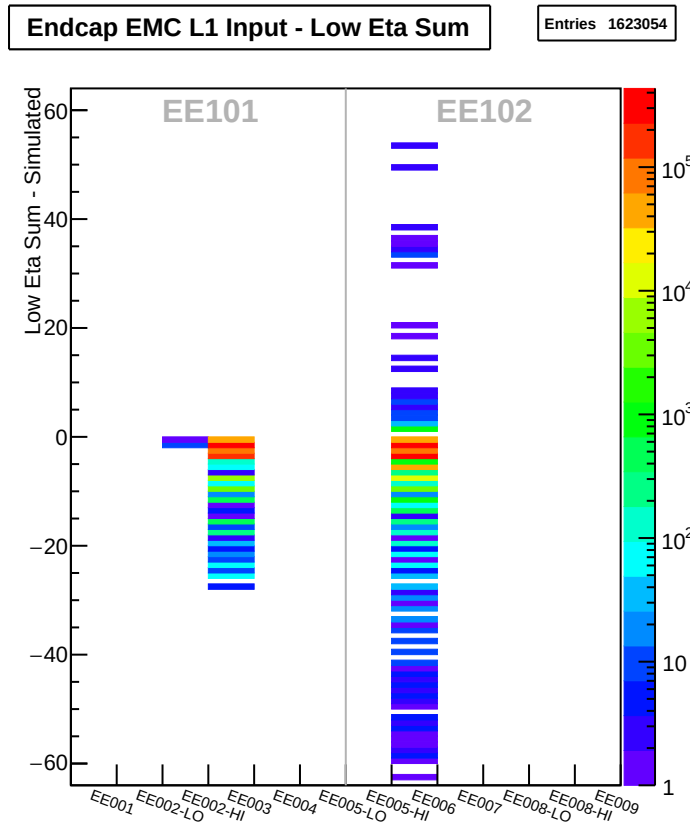

Barrel EMC L1 Input - High Tower Bits
Entries 1.965633e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

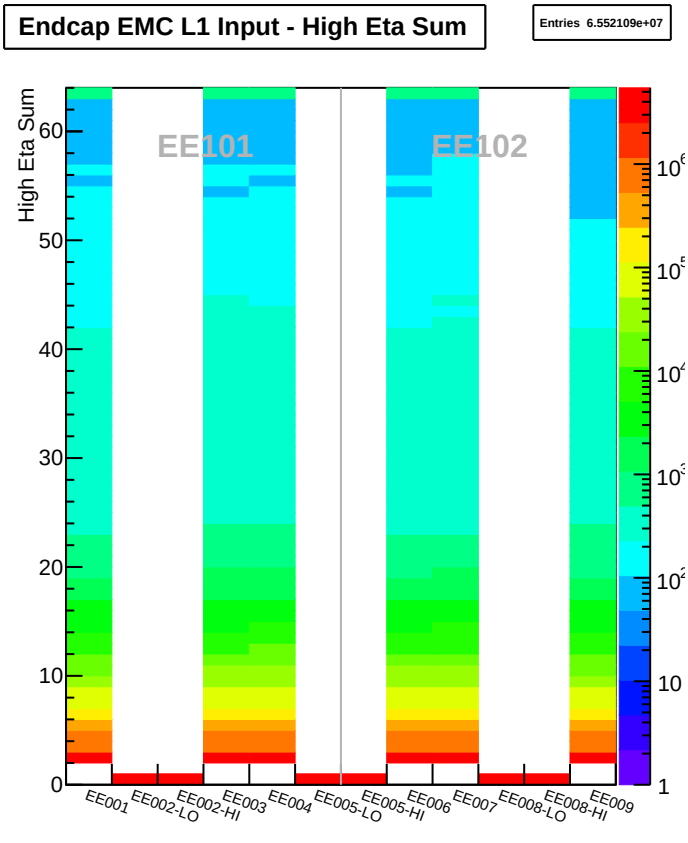

Barrel EMC L1 Input - High Tower Bits
Entries 1.964268e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

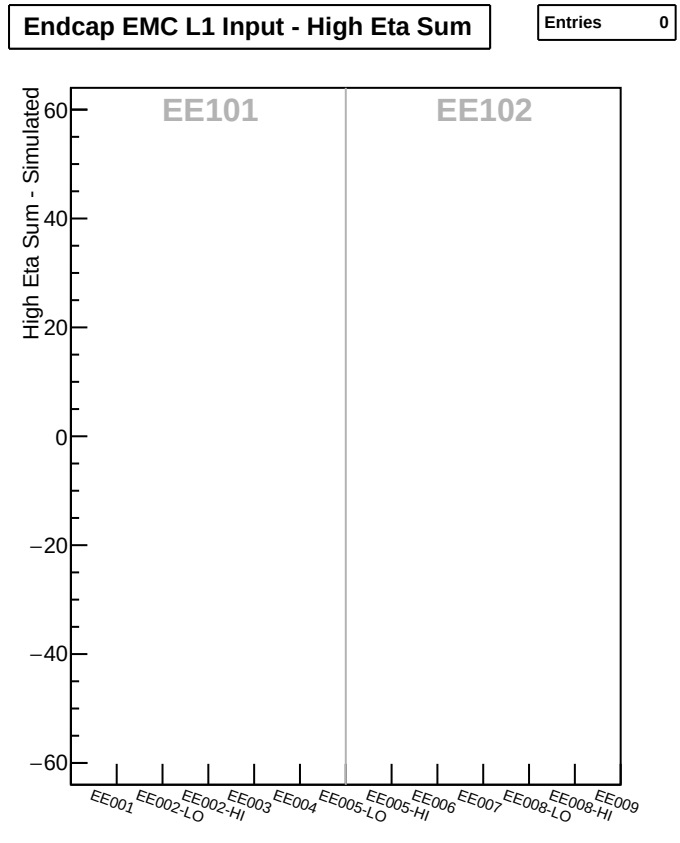

Barrel EMC L1 Input - HT.TP Bit
Entries 1.965633e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

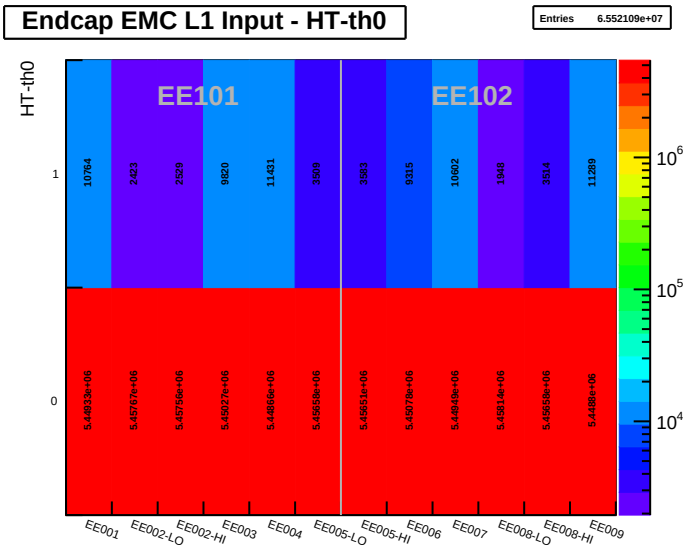

Barrel EMC L1 Input - High Tower Bits
Entries 1.827648e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

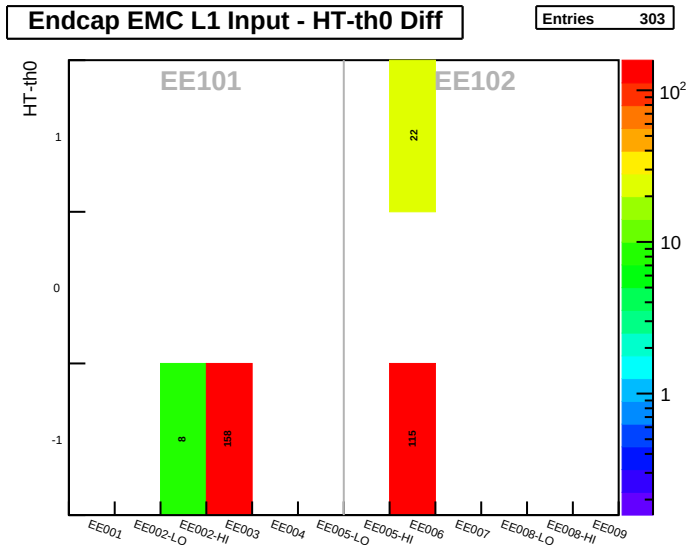

Endcap EMC L1 Input - Low Eta Sum
Entries 6.552109e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

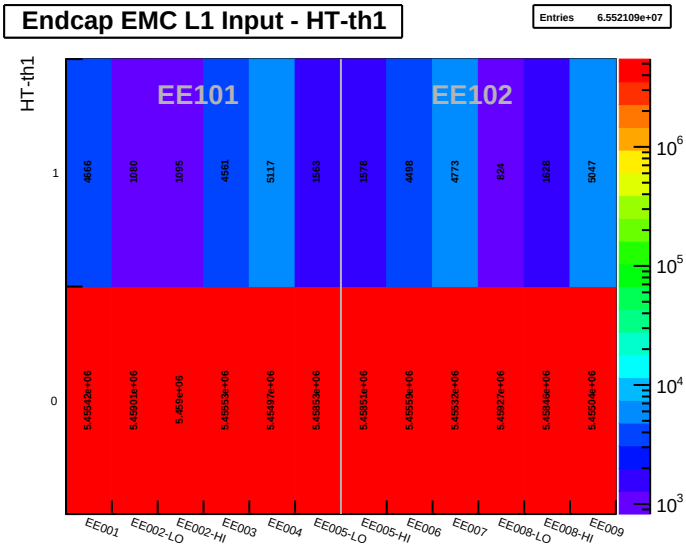

Endcap EMC L1 Input - Low Eta Sum
Entries 1623054
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

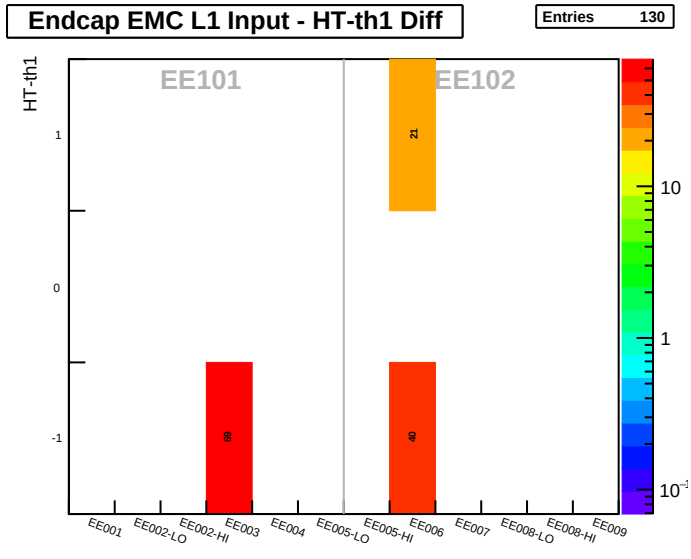

Endcap EMC L1 Input - High Eta Sum
Entries 6.552109e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

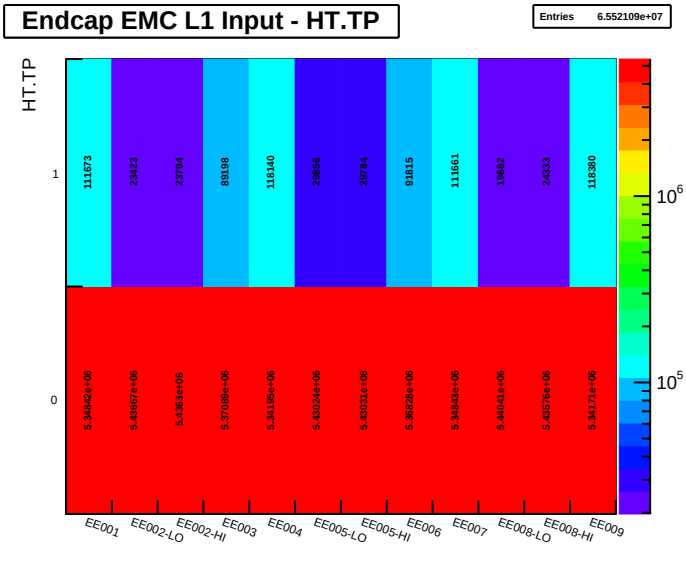

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

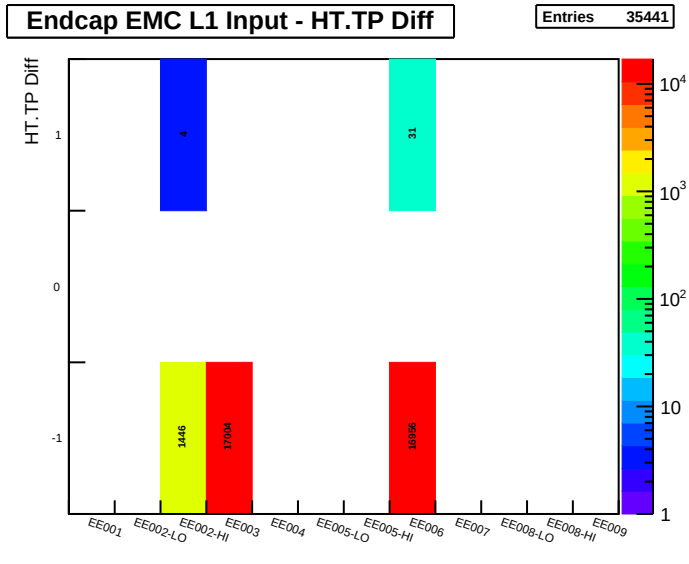

Endcap EMC L1 Input - HT-th0
Entries 6.552109e+07
HT-th0
EE101
EE102
10764 2423 2529 9820 11431 3509 3583 9315 10602 1948 3514 11299
5.48933e+06 5.45767e+06 5.45756e+06 5.45027e+06 5.44866e+06 5.45658e+06 5.45651e+06 5.45078e+06 5.44949e+06 5.45814e+06 5.45658e+06 5.4488e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

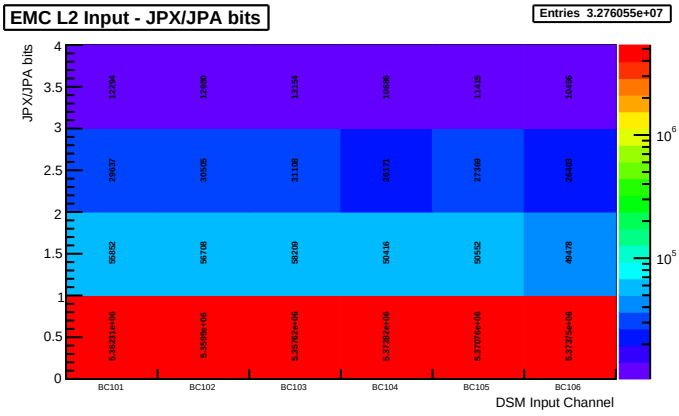

Endcap EMC L1 Input - HT-th0 Diff
Entries 303
HT-th0
EE101
EE102
22
8 158 115
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

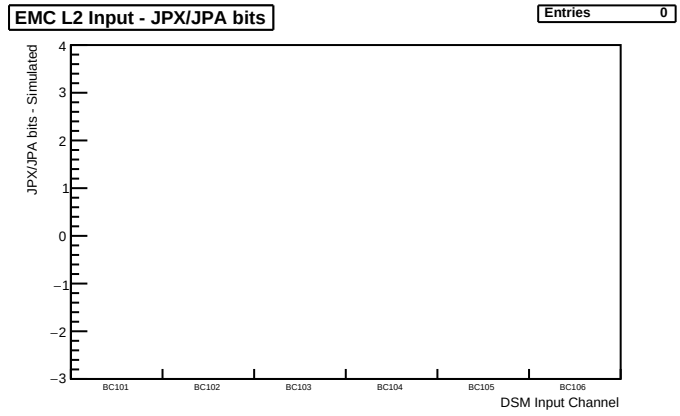

Endcap EMC L1 Input - HT-th1
Entries 6.552109e+07
HT-th1
EE101
EE102
4566 1080 1095 4561 5117 1563 1578 4498 4773 824 1628 5047
5.45542e+06 5.45901e+06 5.459e+06 5.45553e+06 5.45497e+06 5.45953e+06 5.45651e+06 5.45559e+06 5.45532e+06 5.45927e+06 5.45846e+06 5.45504e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

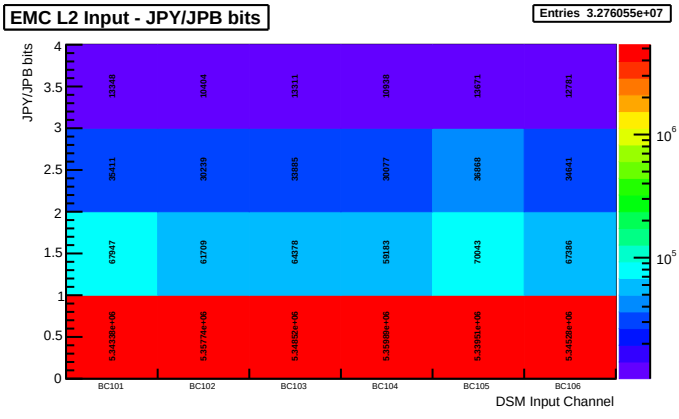

Endcap EMC L1 Input - HT-th1 Diff
Entries 130
HT-th1
EE101
EE102
21
69 40
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

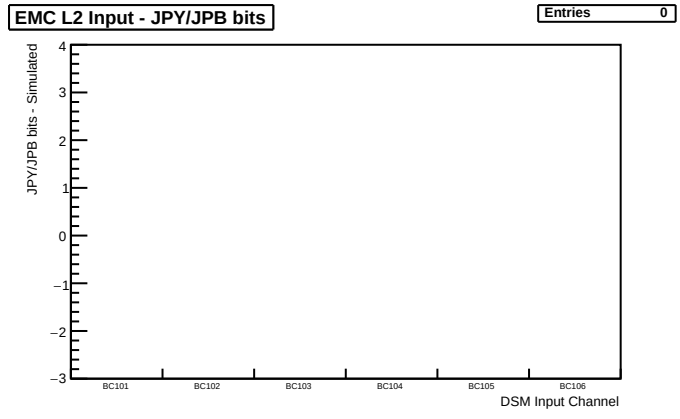

Endcap EMC L1 Input - HT.TP
Entries 6.552109e+07
HT.TP
111673 23423 23794 89198 118140 29856 29784 91815 111661 19682 24333 118380
5.34842e+06 5.43667e+06 5.4363e+06 5.37089e+06 5.34195e+06 5.43024e+06 5.43031e+06 5.36828e+06 5.34843e+06 5.44041e+06 5.43576e+06 5.34171e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

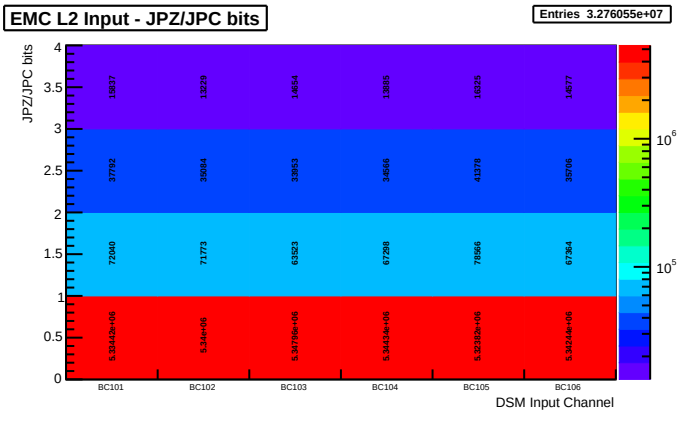

Endcap EMC L1 Input - HT.TP Diff
Entries 35441
HT.TP Diff
4
31
1446 17004 16956
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

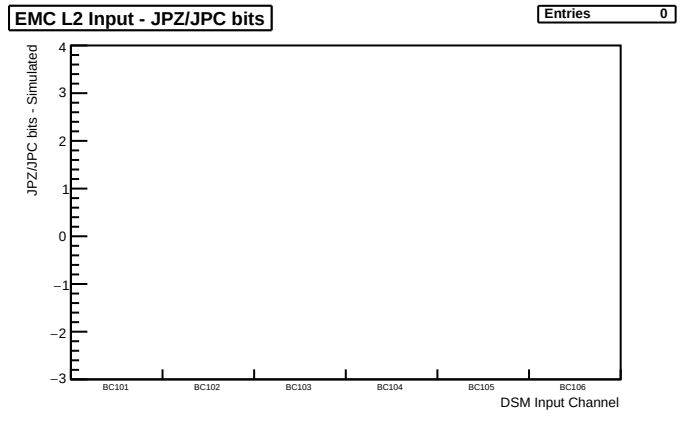

EMC L2 Input - JPX/JPA bits
Entries 3.276055e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

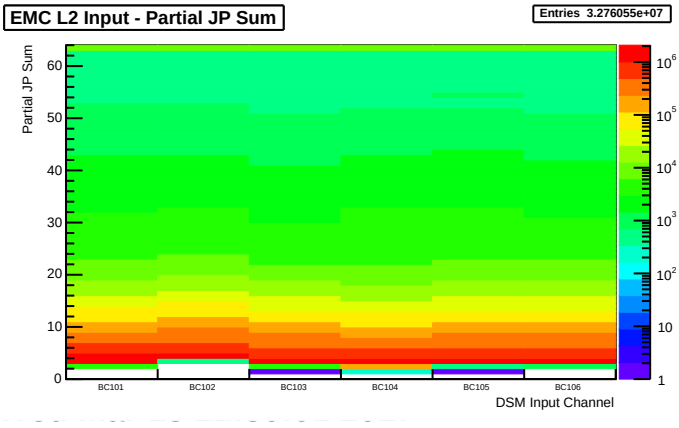

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

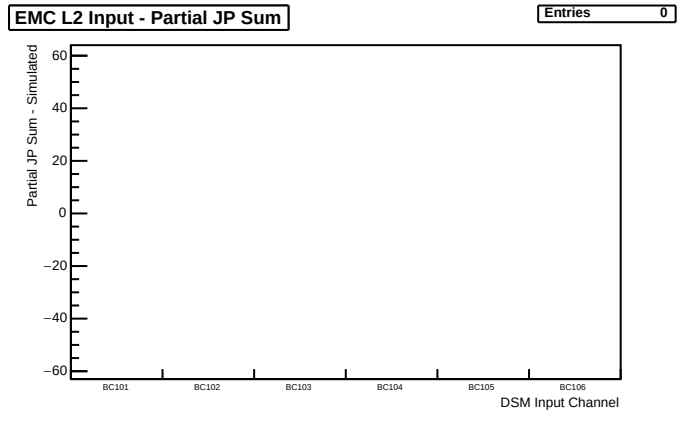

EMC L2 Input - JPY/JPB bits
Entries 3.276055e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

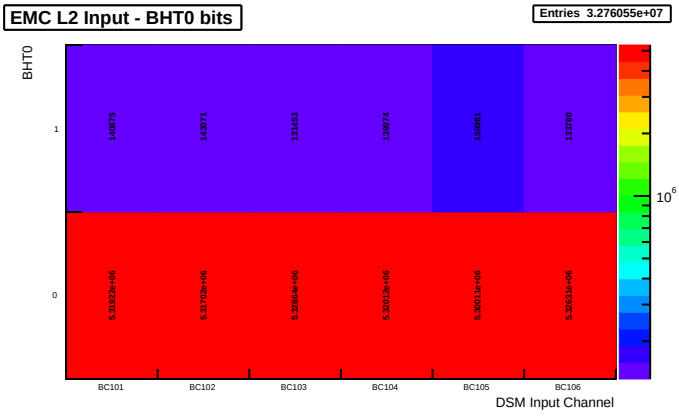

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

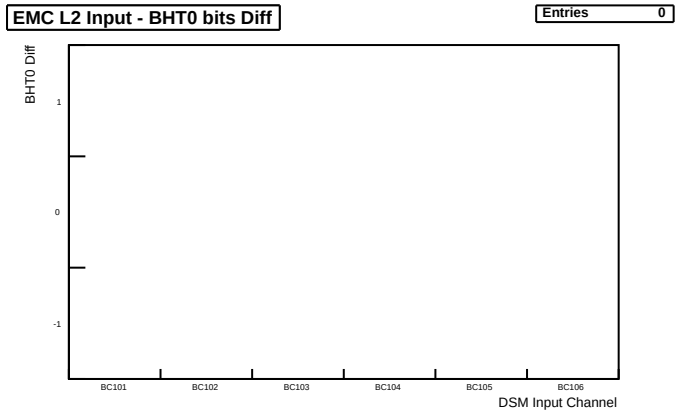

EMC L2 Input - JPZ/JPC bits
Entries 3.276055e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

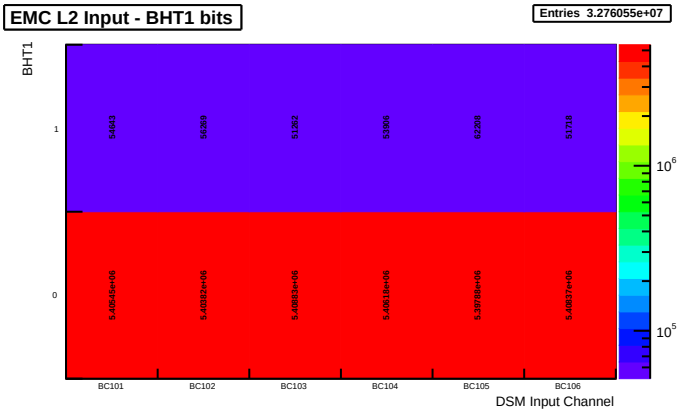

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

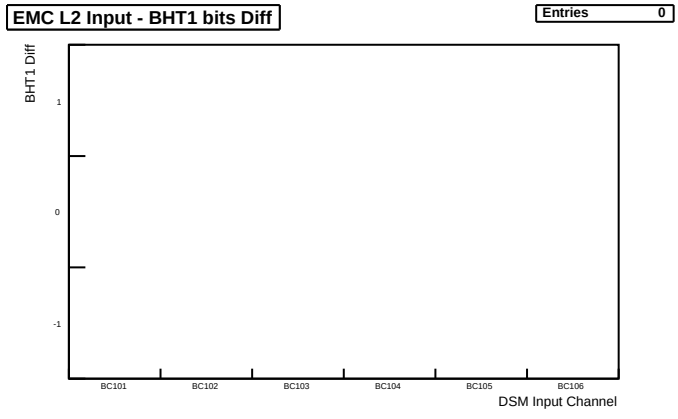

EMC L2 Input - Partial JP Sum
Entries 3.276055e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

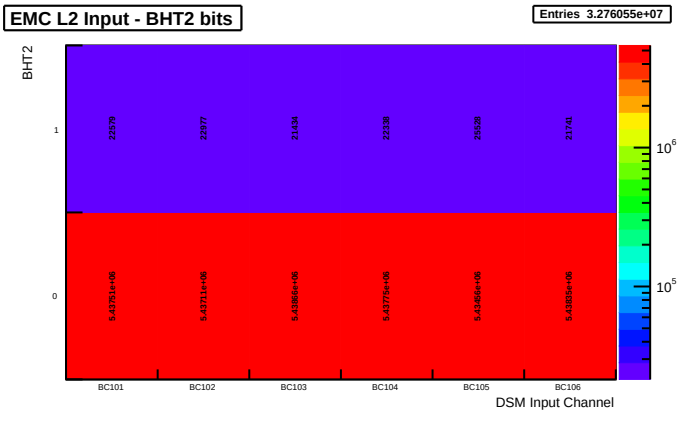

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

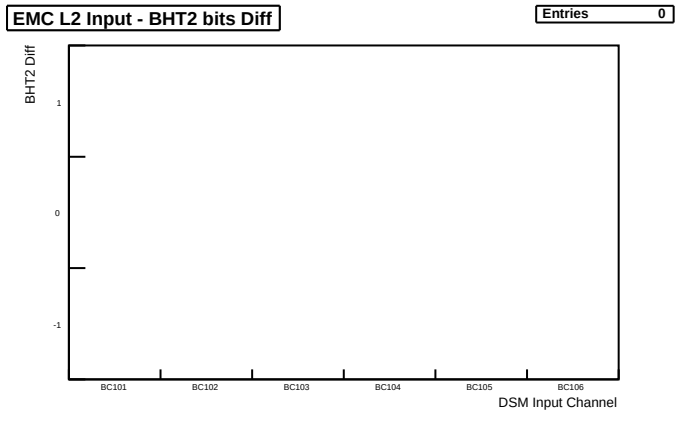

EMC L2 Input - BHT0 bits
Entries 3.276055e+07
BHT0
1
0
140975
143971
131453
139974
135931
133720
5.31932e+06
5.31703e+06
5.32884e+06
5.32012e+06
5.30011e+06
5.32631e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

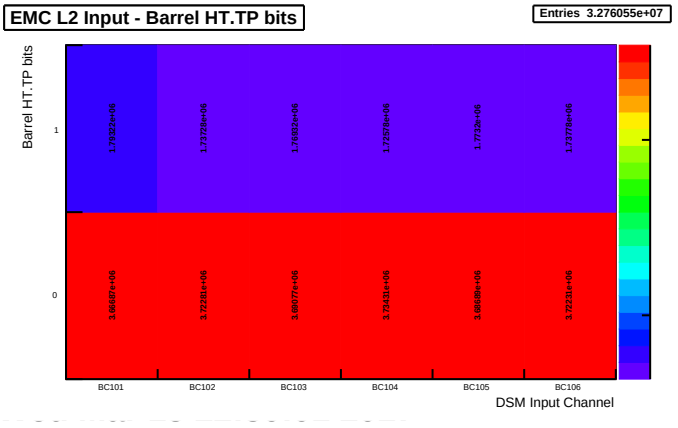

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

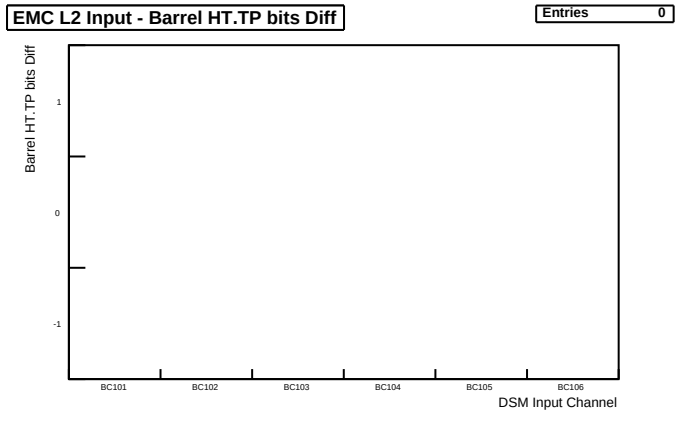

EMC L2 Input - BHT1 bits
Entries 3.276055e+07
BHT1
1
0
54643
56269
51262
53996
62208
51718
5.40545e+06
5.40382e+06
5.40983e+06
5.40618e+06
5.39788e+06
5.40827e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

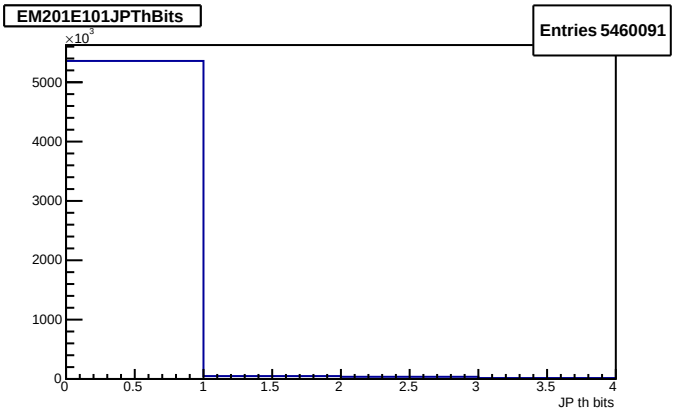

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

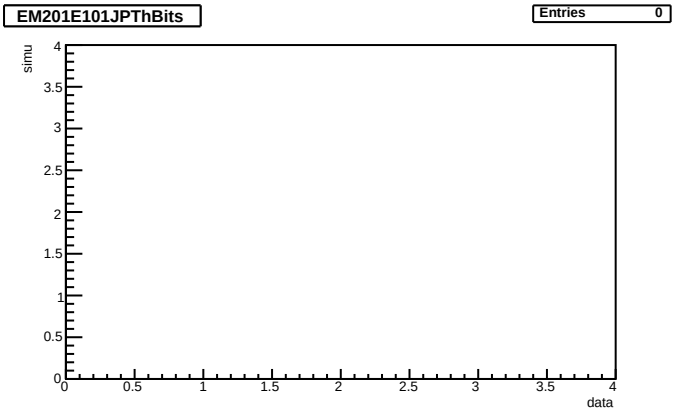

EMC L2 Input - BHT2 bits
Entries 3.276055e+07
BHT2
1
0
22579
22977
21434
22238
26528
21741
5.43751e+06
5.43711e+06
5.43865e+06
5.43775e+06
5.43456e+06
5.43835e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

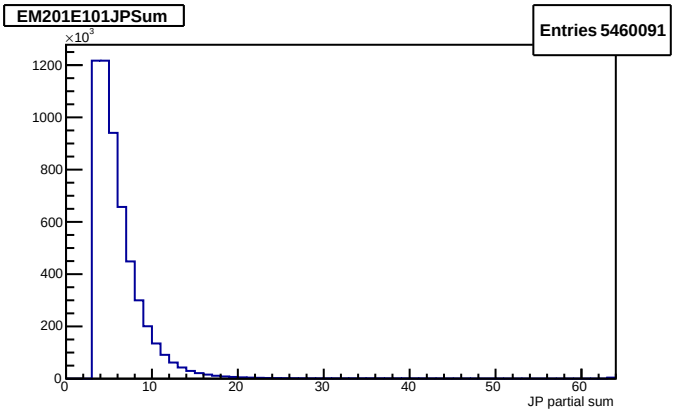

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

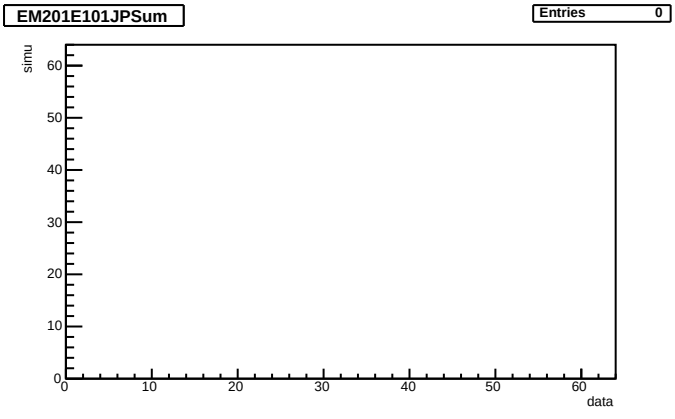

EMC L2 Input - Barrel HT.TP bits
Entries 3.276055e+07
Barrel HT.TP bits
1
0
1.74322e+06
1.73729e+06
1.76852e+06
1.72578e+06
1.7732e+06
1.73778e+06
3.66857e+06
3.72281e+06
3.69077e+06
3.73431e+06
3.68689e+06
3.72231e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

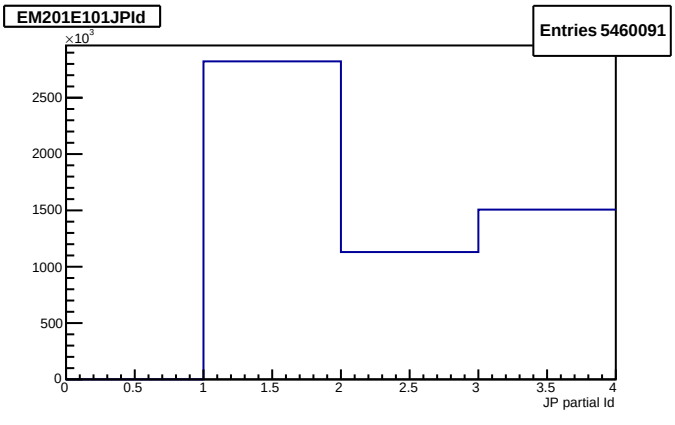

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

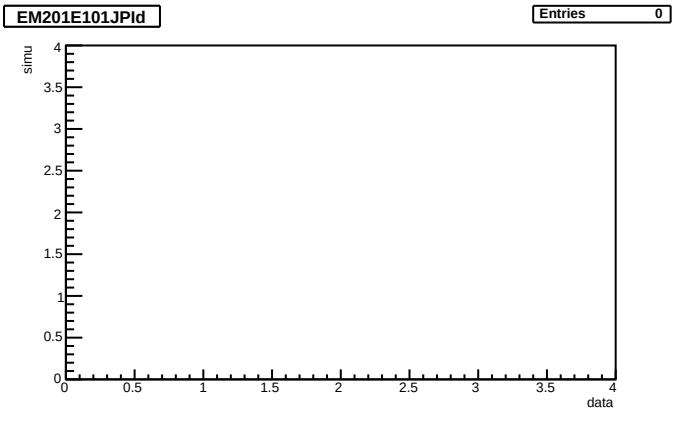

EM201E101JPThBits
Entries 5460091
JP th bits

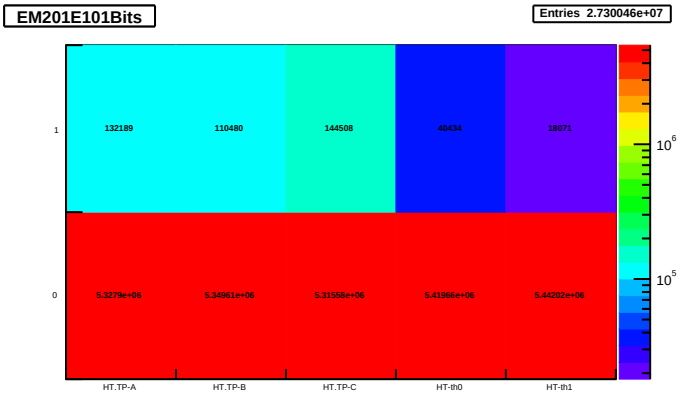

EM201E101JPThBits
Entries 0
simu
data

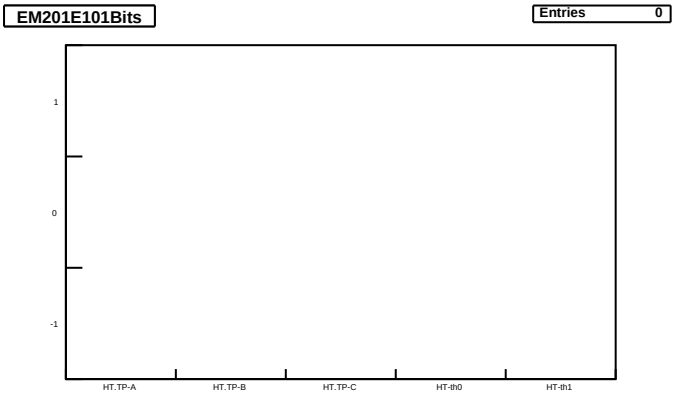

EM201E101JPSum
Entries 5460091
JP partial sum

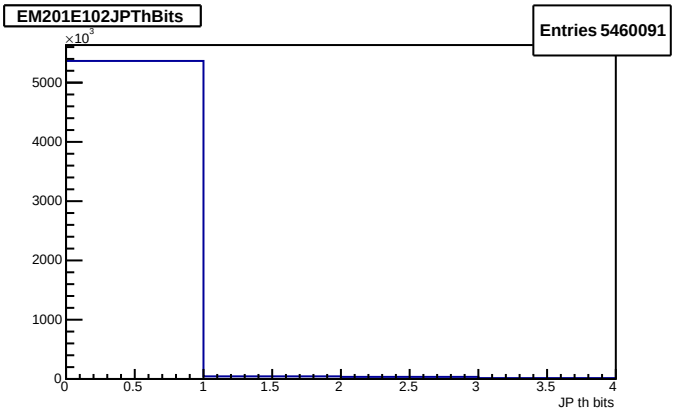

EM201E101JPSum
Entries 0
simu
data

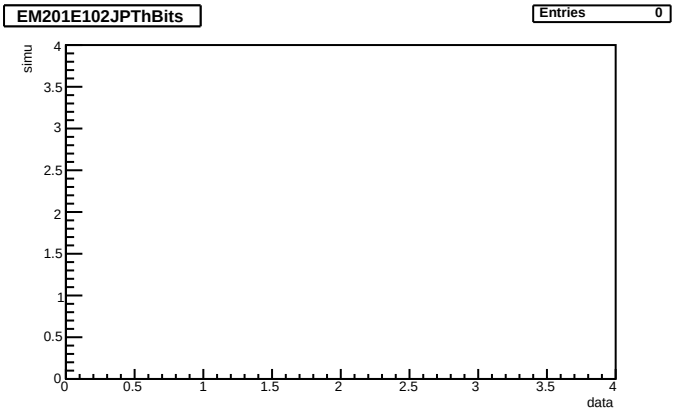

EM201E101JPId
Entries 5460091
JP partial Id

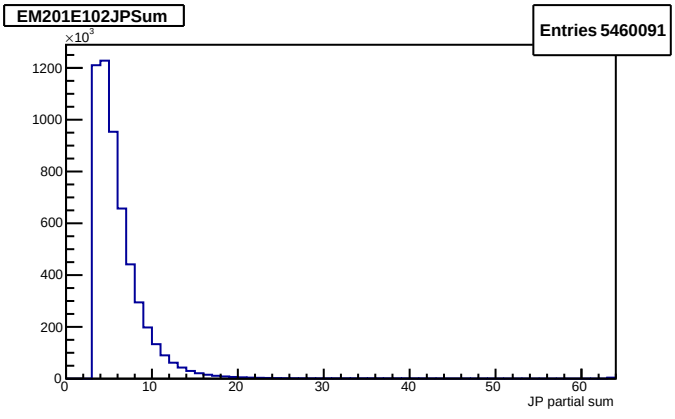

EM201E101JPId
Entries 0
simu
data

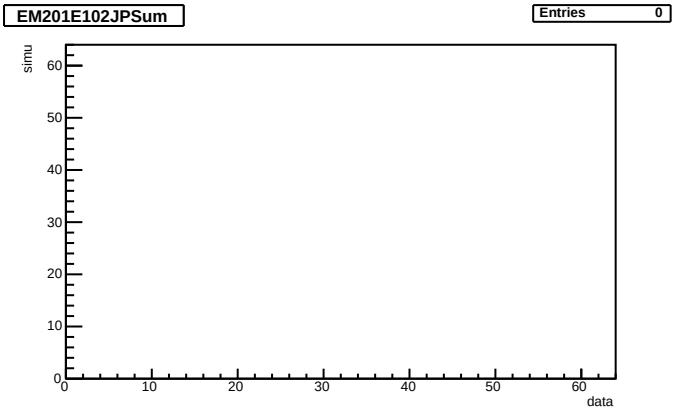

EM201E101Bits
Entries 2.730046e+07
132189
110480
144508
40434
18071
5.3279e+06
5.34961e+06
5.31558e+06
5.41966e+06
5.44202e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

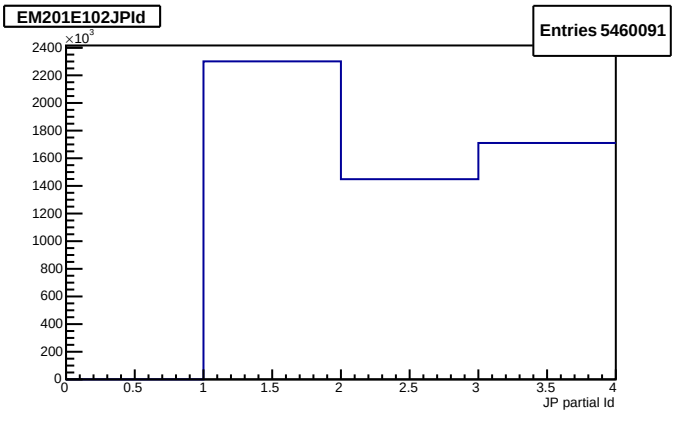

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

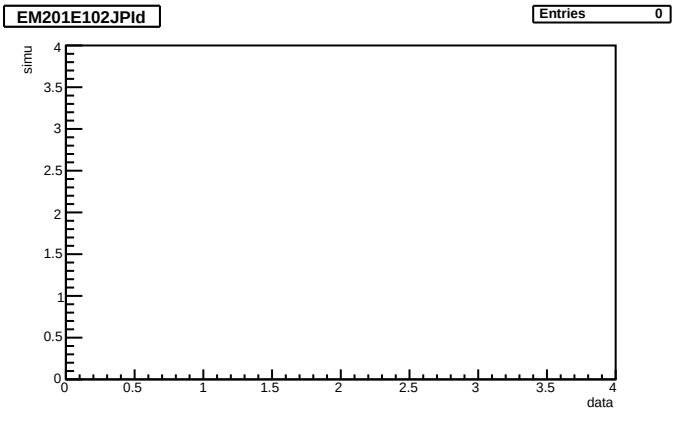

EM201E102JPThBits
Entries 5460091
JP th bits

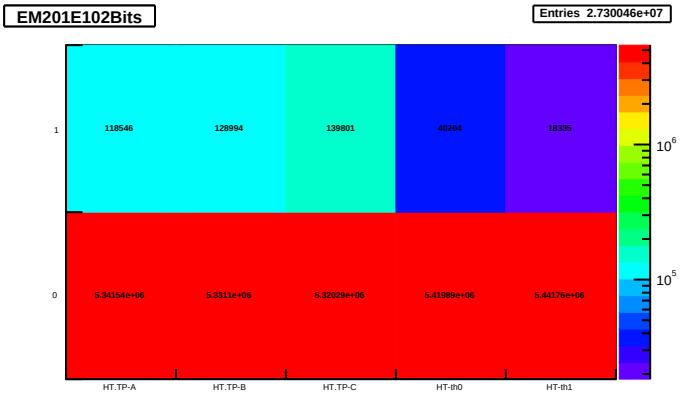

EM201E102JPThBits
Entries 0
simu
data

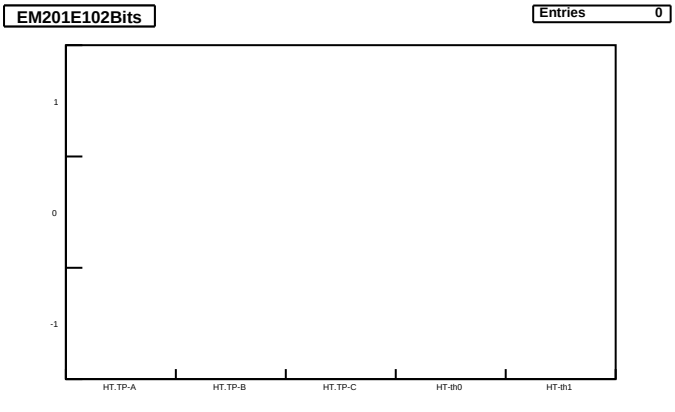

EM201E102JPSum
Entries 5460091
JP partial sum

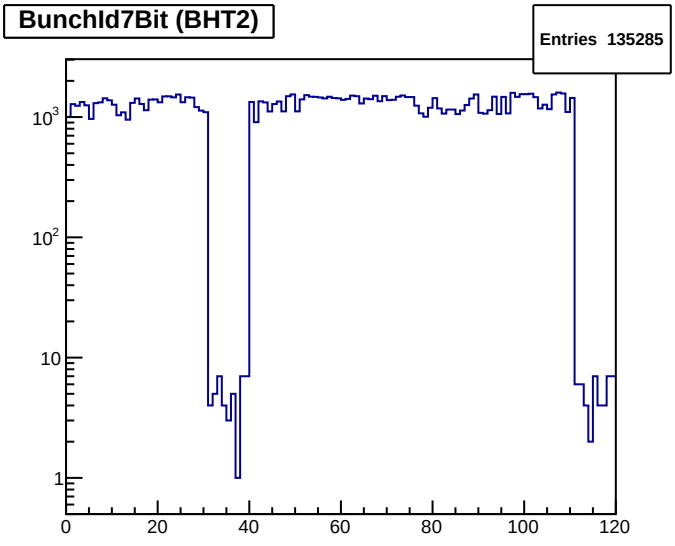

EM201E102JPSum
Entries 0
simu
data

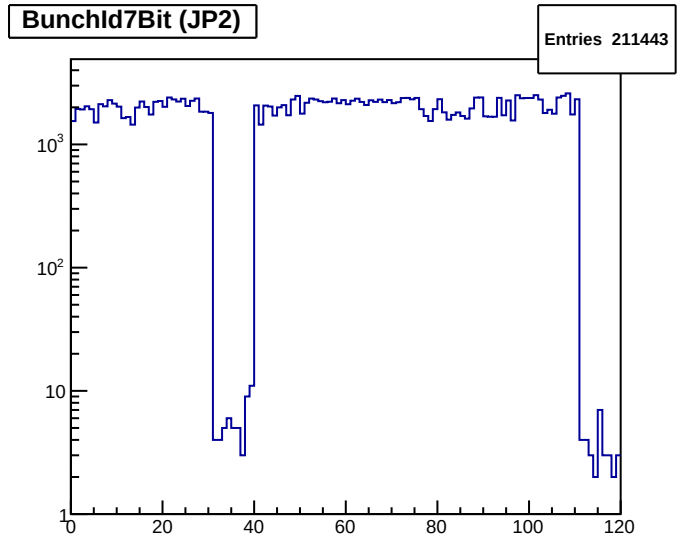

EM201E102JPId
Entries 5460091
JP partial Id

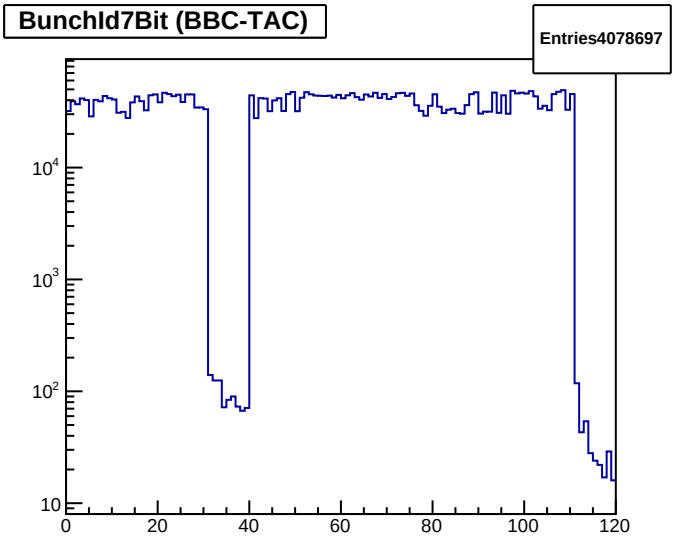

EM201E102JPId
Entries 0
simu
data

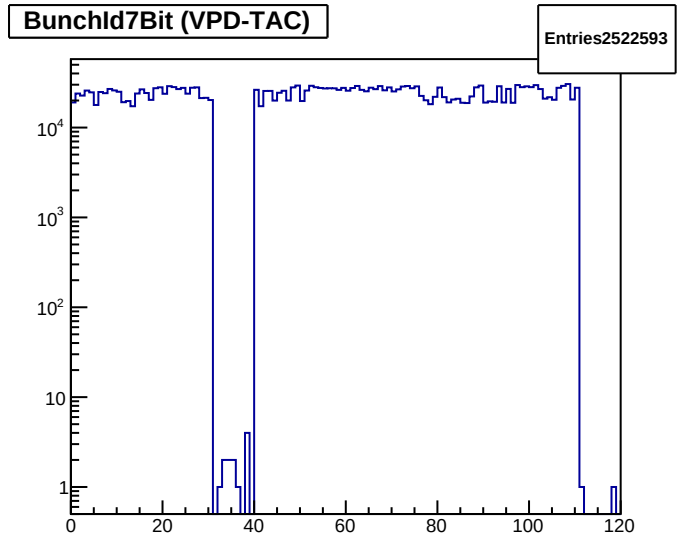

EM201E102Bits
Entries 2.730046e+07
118546
128994
139801
40204
18335
5.34154e+06
5.3311e+06
5.32029e+06
5.41989e+06
5.44176e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

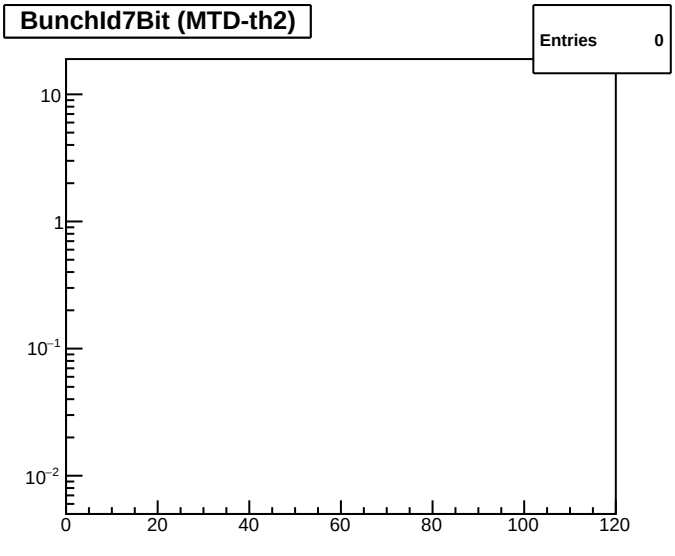

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

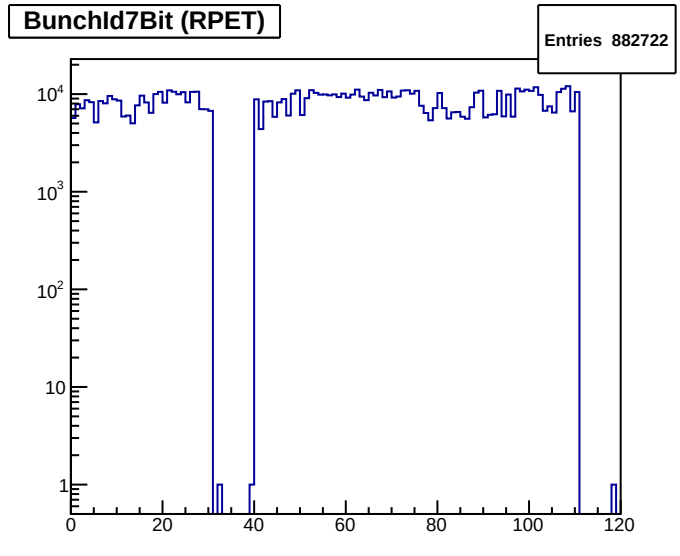

BunchId7Bit (BHT2)
Entries 135285

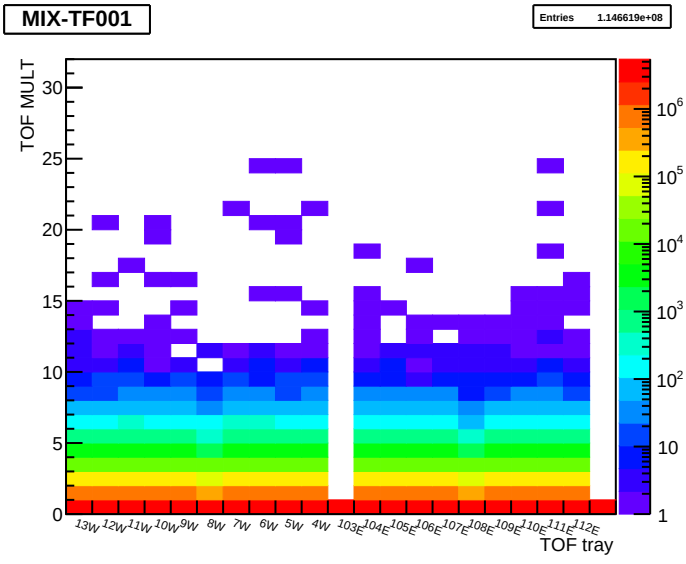

BunchId7Bit (JP2)
Entries 211443

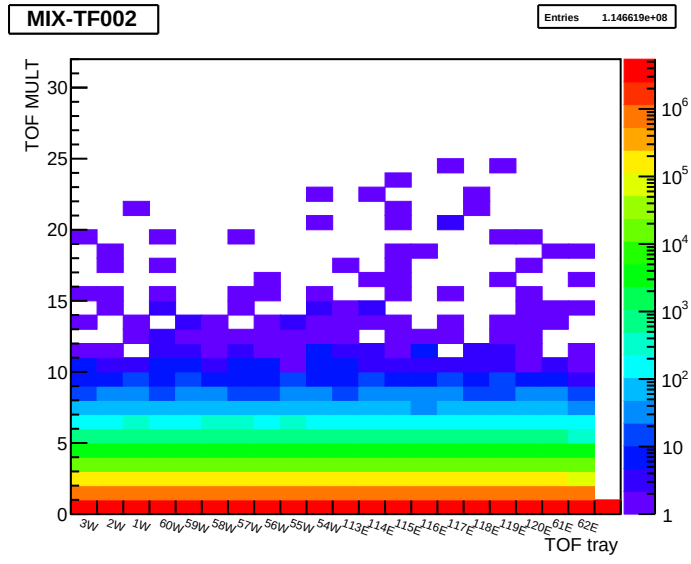

BunchId7Bit (BBC-TAC)
Entries4078697

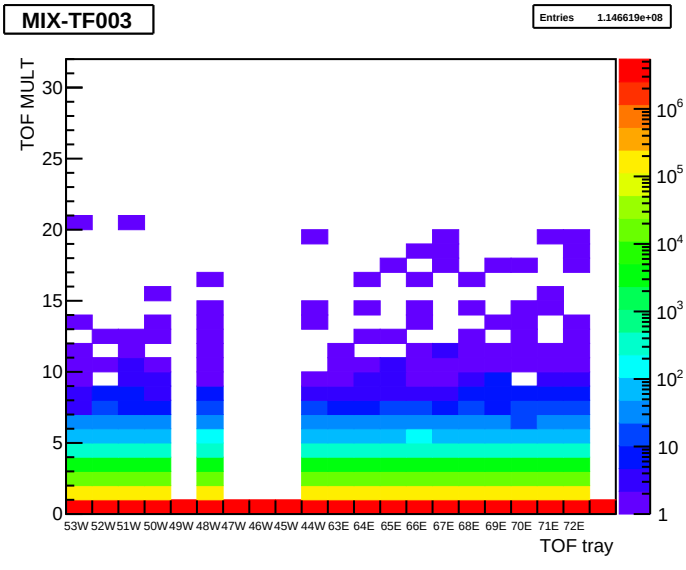

BunchId7Bit (VPD-TAC)
Entries2522593

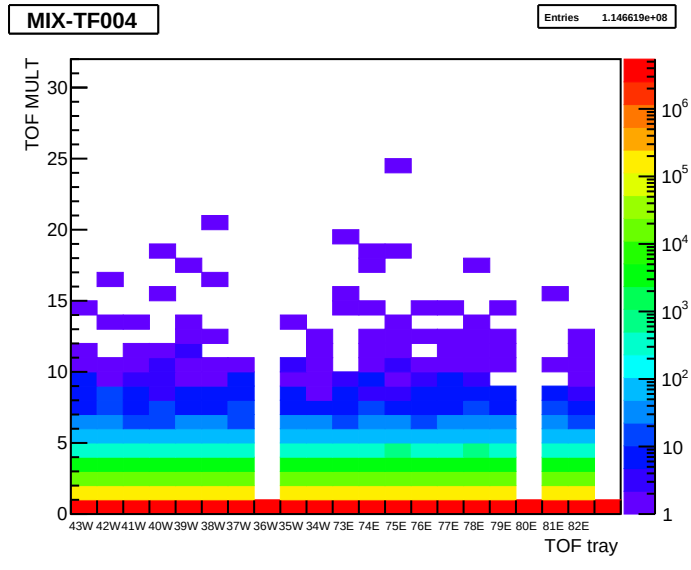

BunchId7Bit (MTD-th2)
Entries 0

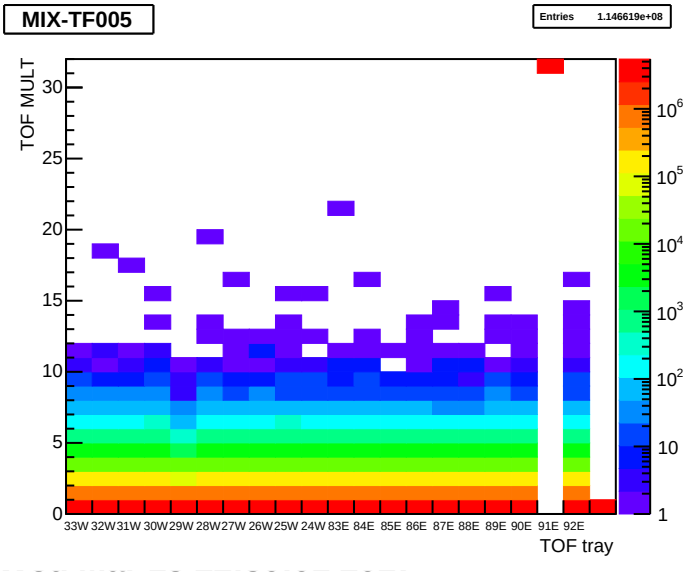

BunchId7Bit (RPET)
Entries 882722

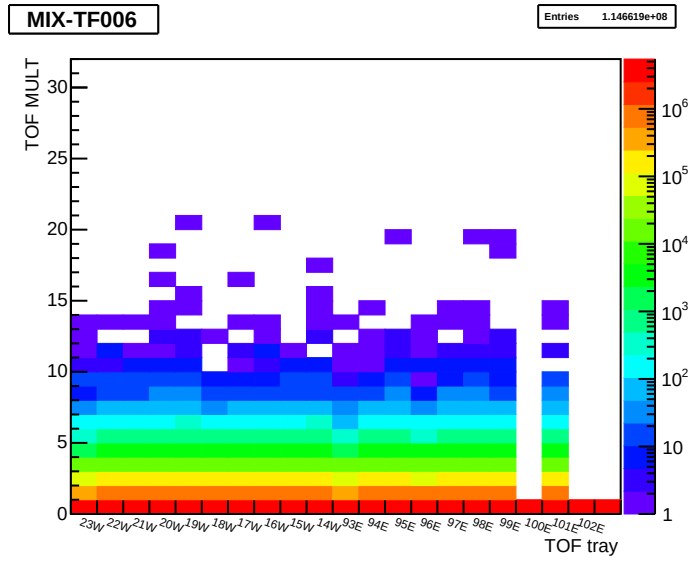

MIX-TF001
Entries 1.146619e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

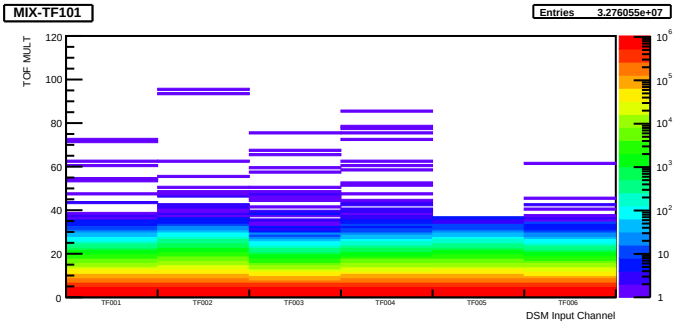

MIX-TF002
Entries 1.146619e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

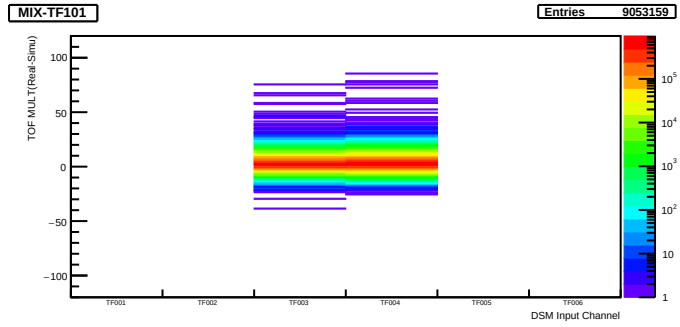

MIX-TF003
Entries 1.146619e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

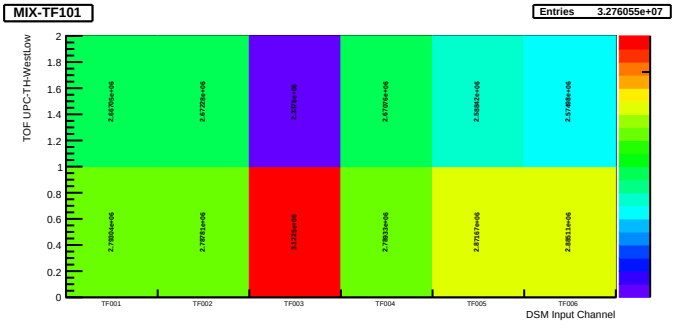

MIX-TF004
Entries 1.146619e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

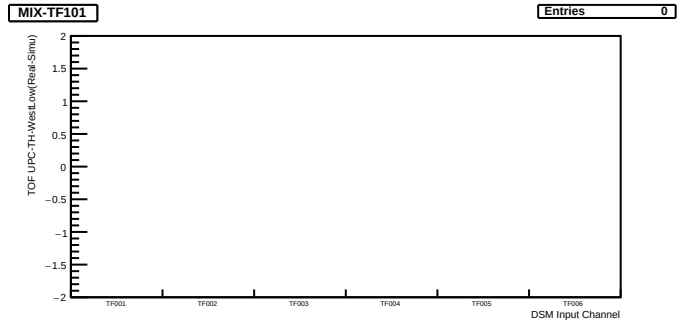

MIX-TF005
Entries 1.146619e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

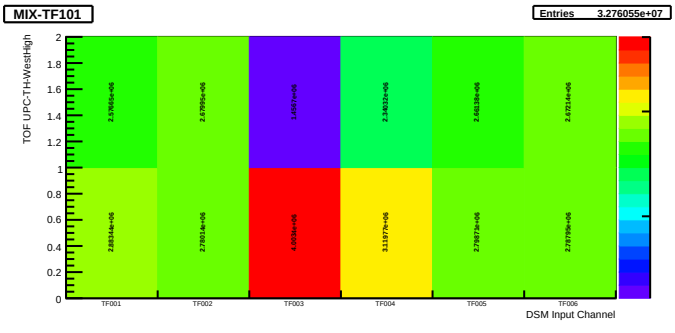

MIX-TF006
Entries 1.146619e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

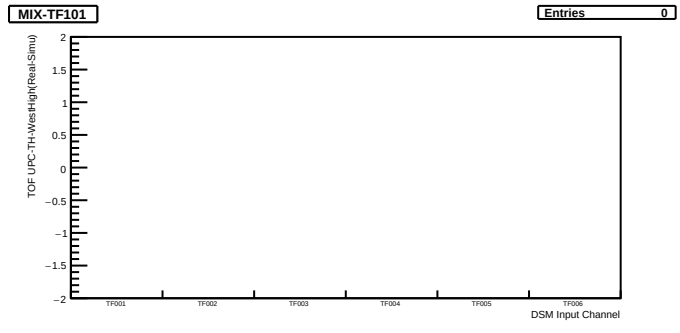

MIX-TF101
Entries 3.276055e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

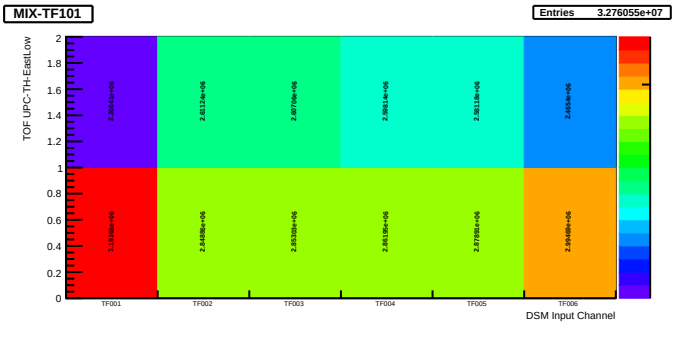

MIX-TF101
Entries 9053159
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

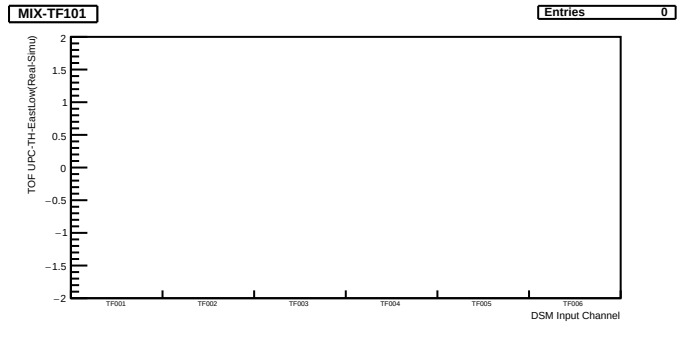

MIX-TF101
Entries 3.276055e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

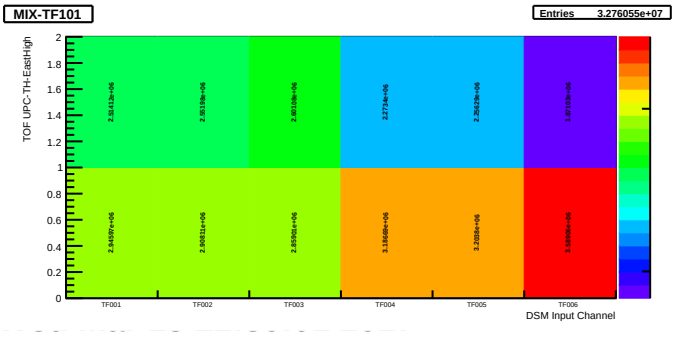

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

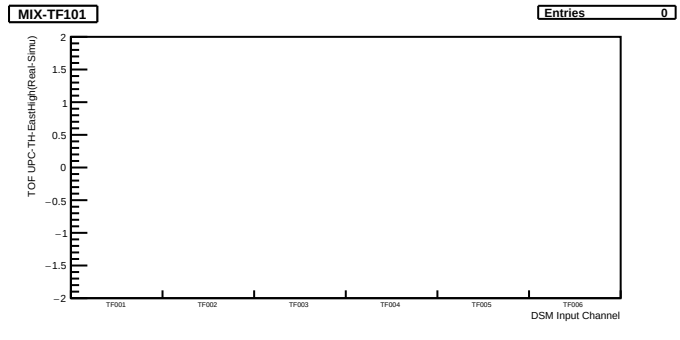

MIX-TF101
Entries 3.276055e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

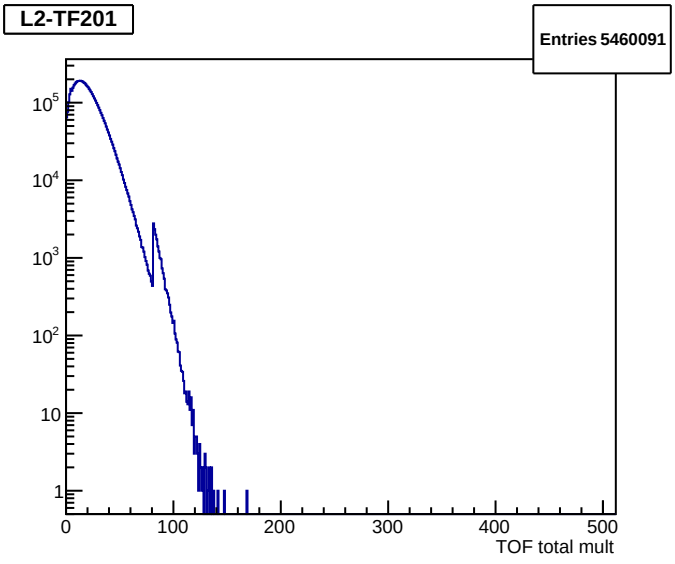

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

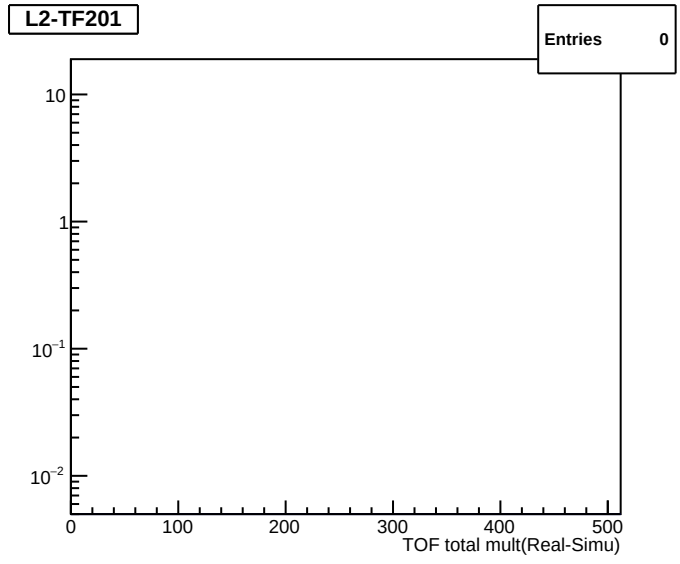

MIX-TF101
Entries 3.276055e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

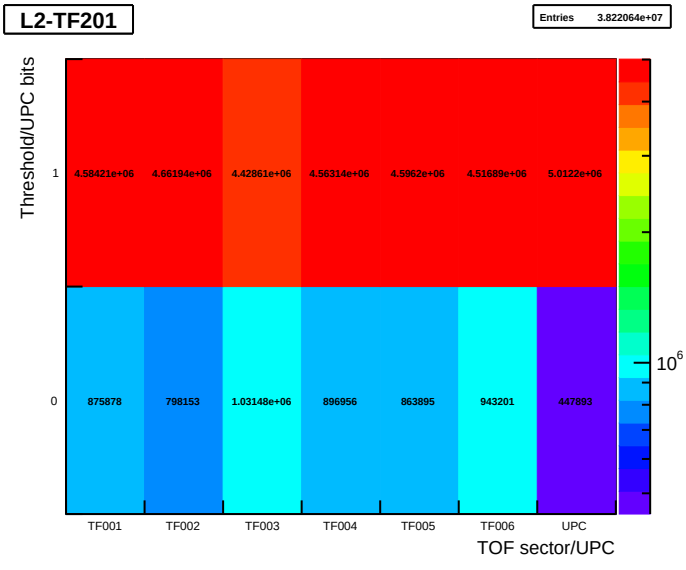

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

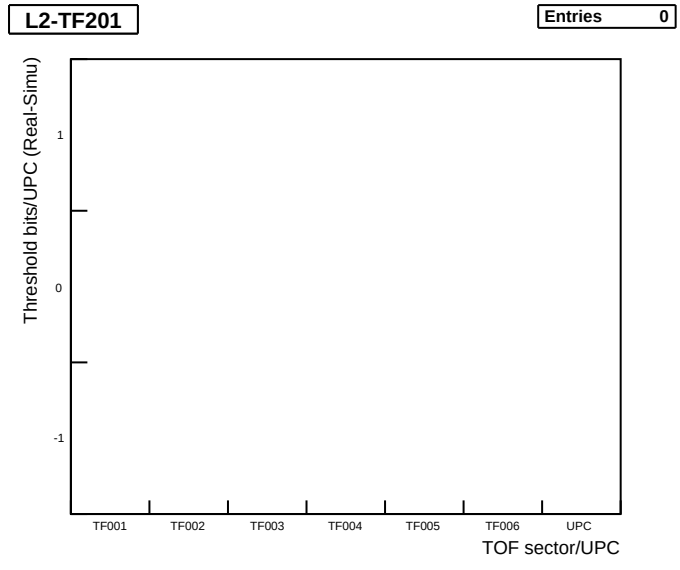

MIX-TF101
Entries 3.276055e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

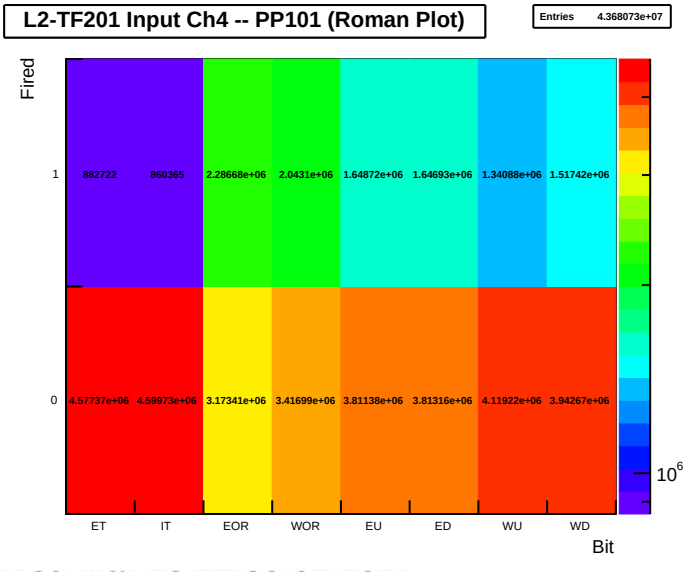

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

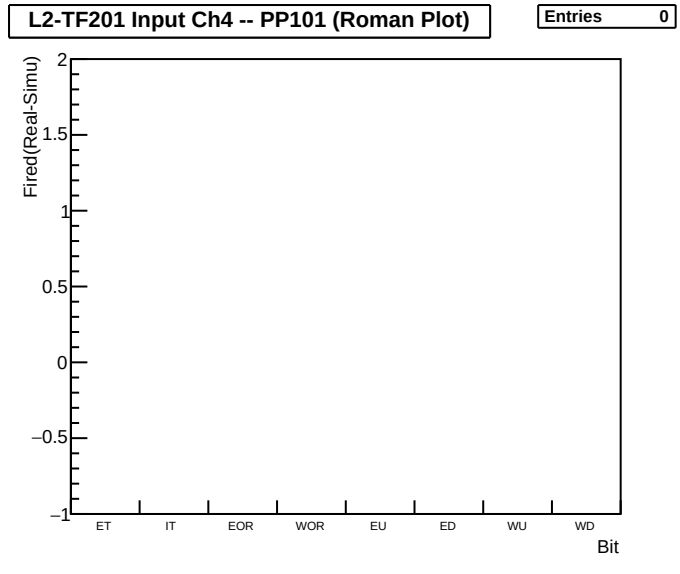

L2-TF201
Entries 5460091
TOF total mult

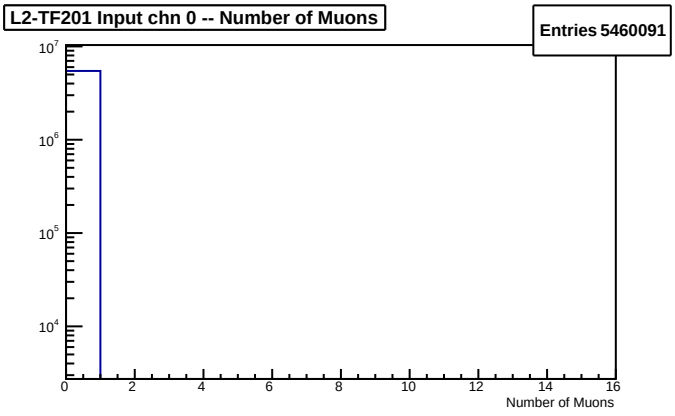

L2-TF201
Entries 0
TOF total mult(Real-Simu)

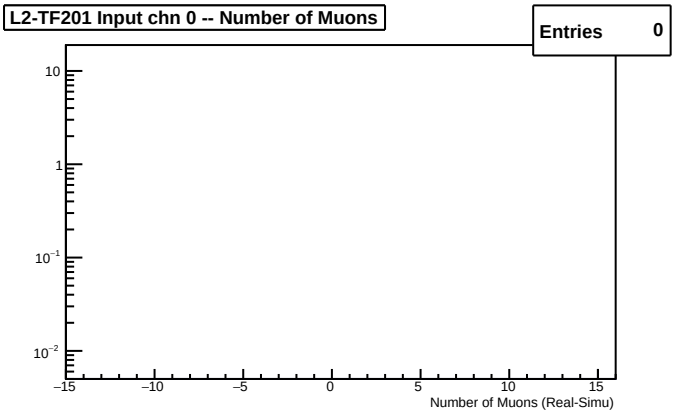

L2-TF201
Entries 3.822064e+07
Threshold/UPC bits
4.58421e+06
4.66194e+06
4.42861e+06
4.56314e+06
4.5962e+06
4.51689e+06
5.0122e+06
875878
798153
1.03148e+06
896956
863895
943201
447893
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

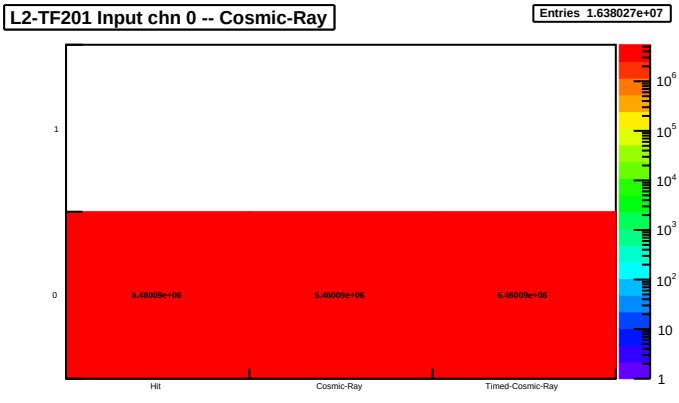

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

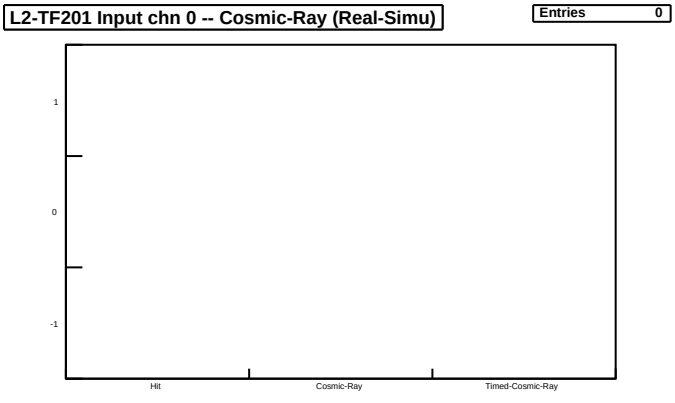

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.368073e+07
Fired
882722
860365
2.28668e+06
2.0431e+06
1.64872e+06
1.64693e+06
1.34088e+06
1.51742e+06
4.57737e+06
4.59973e+06
3.17341e+06
3.41699e+06
3.81138e+06
3.81316e+06
4.11922e+06
3.94267e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

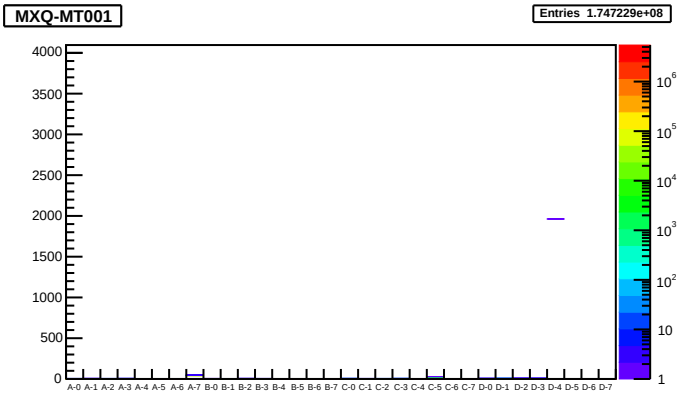

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

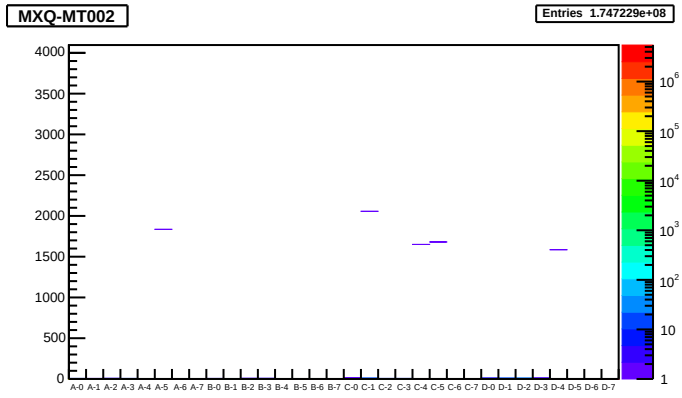

L2-TF201 Input chn 0 -- Number of Muons
Entries 5460091
Number of Muons

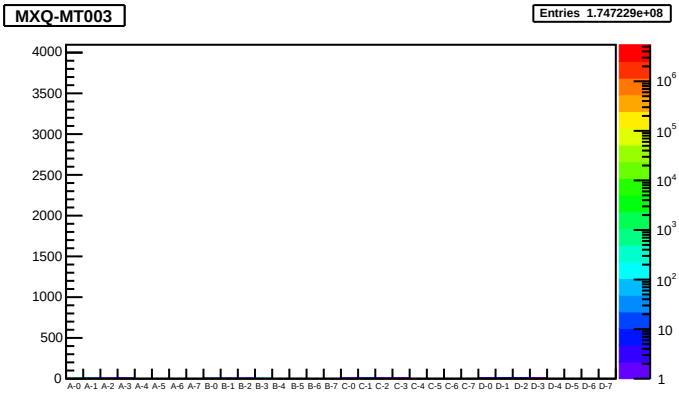

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

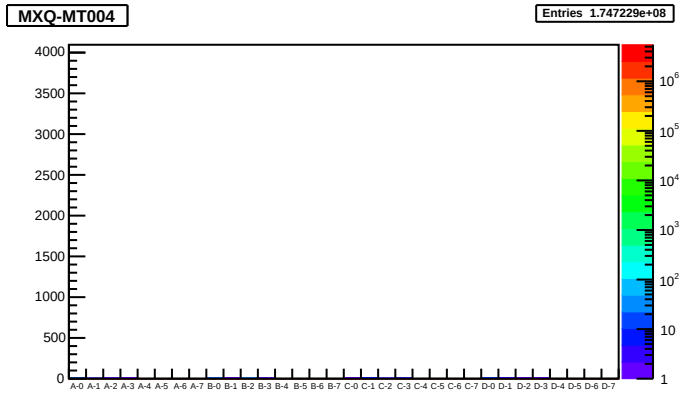

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.638027e+07
5.46009e+06
5.46009e+06
5.46009e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

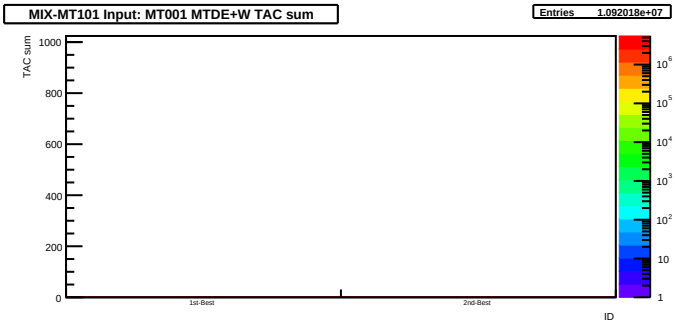

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

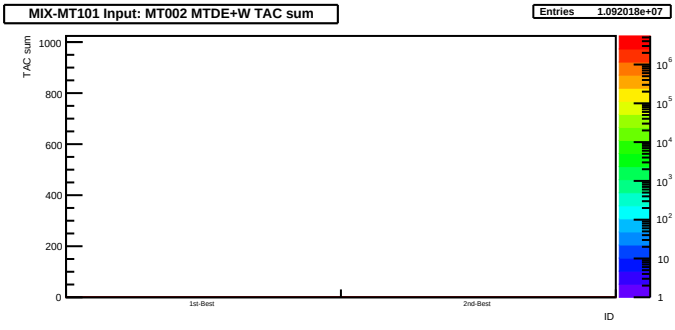

MXQ-MT001
Entries 1.747229e+08

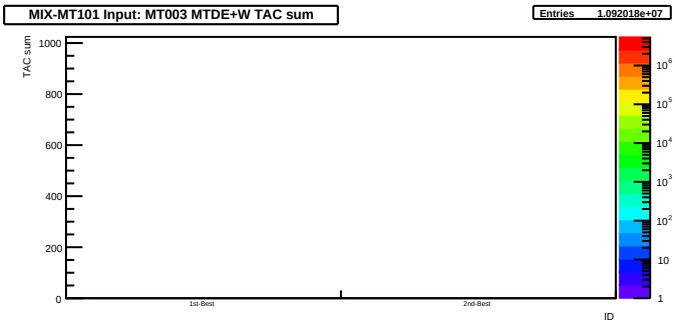

MXQ-MT002
Entries 1.747229e+08

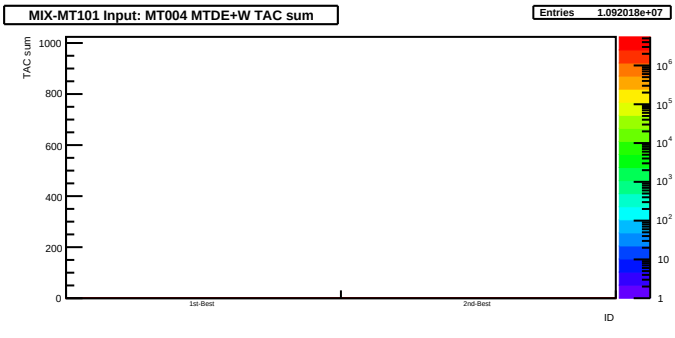

MXQ-MT003
Entries 1.747229e+08

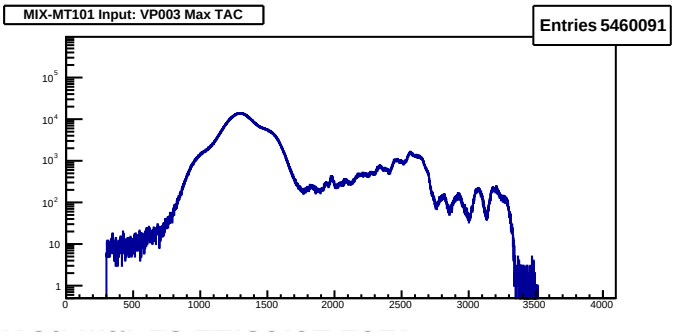

MXQ-MT004
Entries 1.747229e+08

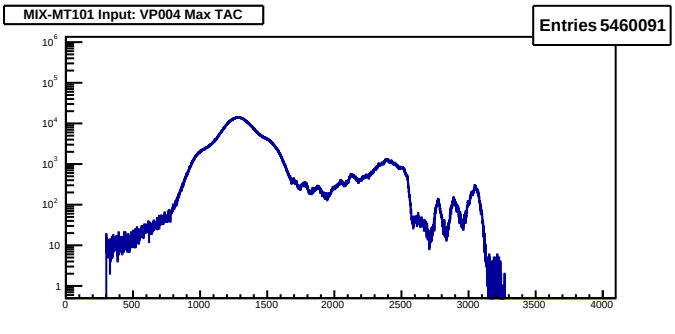

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.092018e+07
TAC sum
1st-Best
2nd-Best
ID

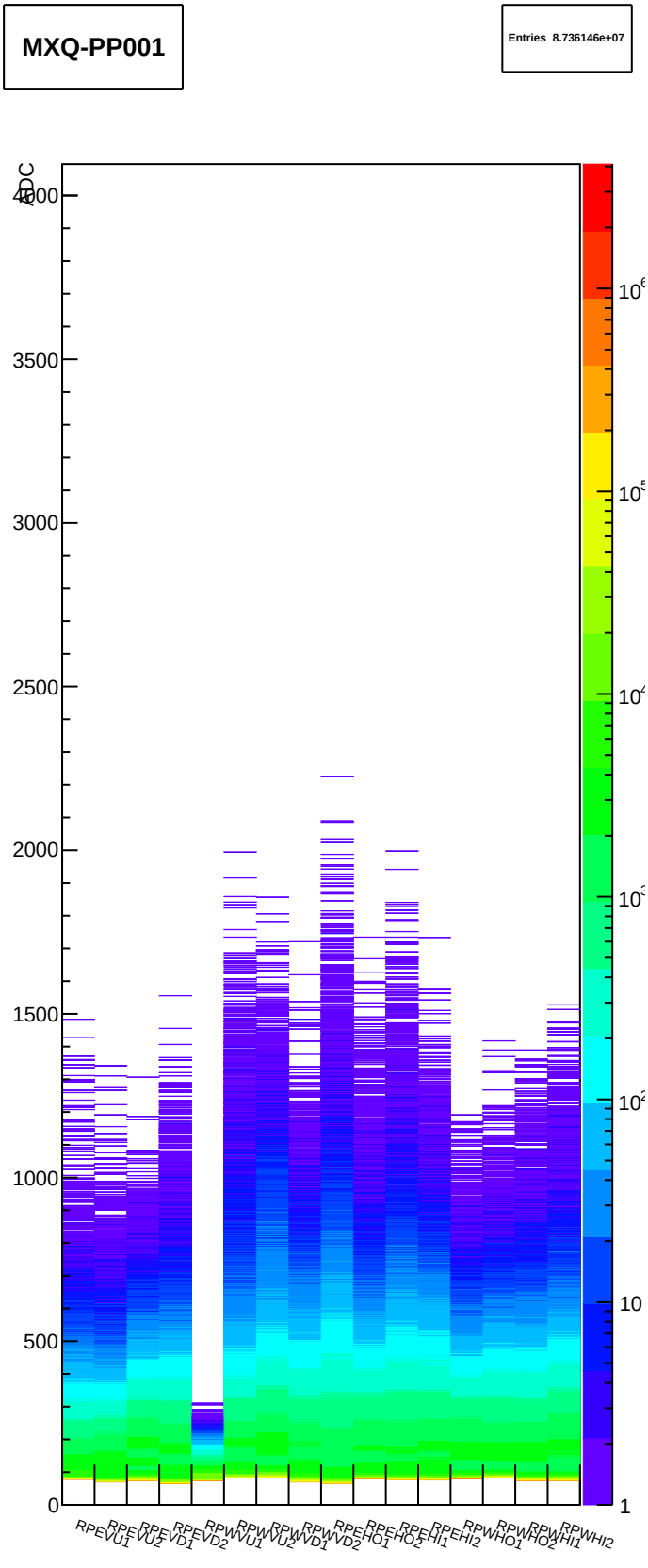

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.092018e+07
TAC sum
1st-Best
2nd-Best
ID

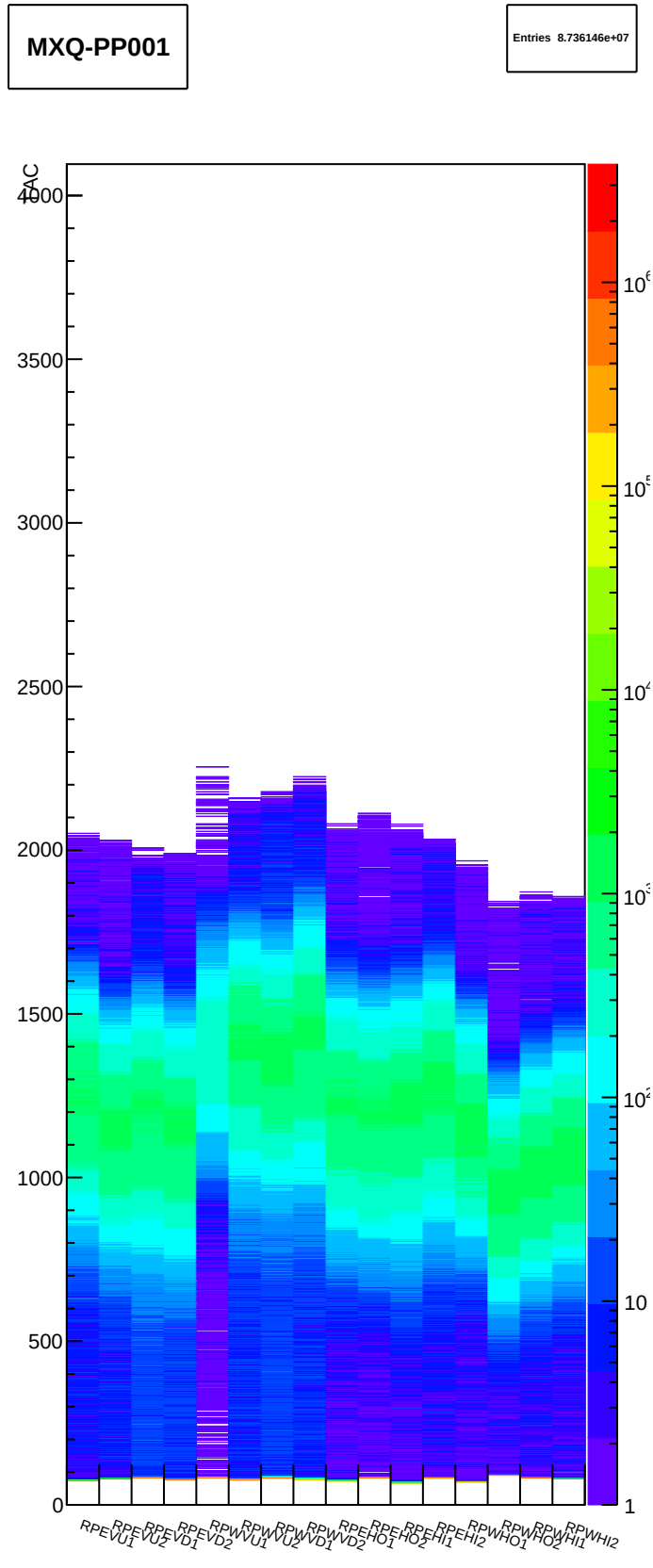

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.092018e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.092018e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 5460091


MIX-MT101 Input: VP004 Max TAC
Entries 5460091


MXQ-PP001
Entries 8.736146e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 8.736146e+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
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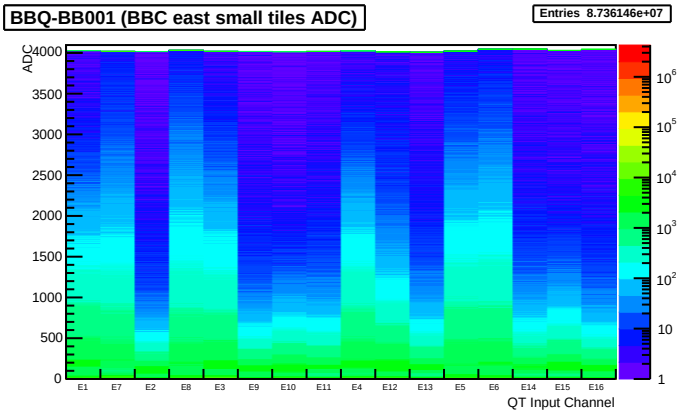
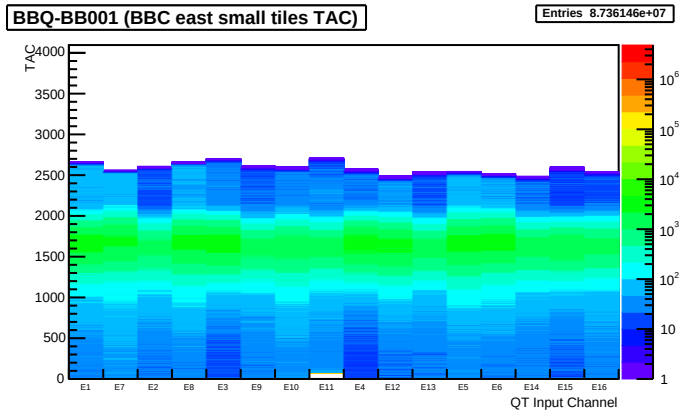
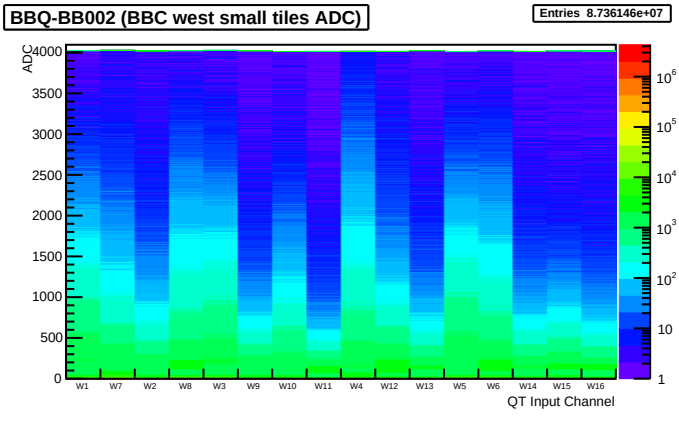
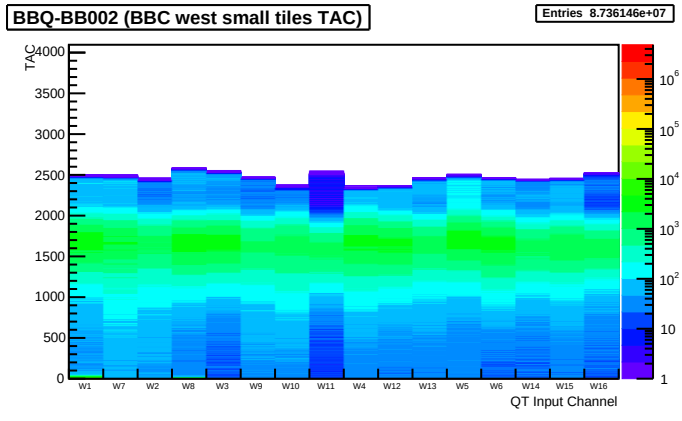
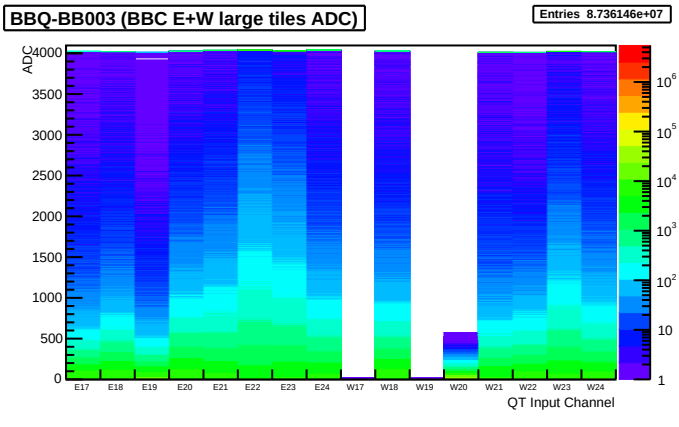
10^6
10^5
10^4
10^3
10^2
10
1

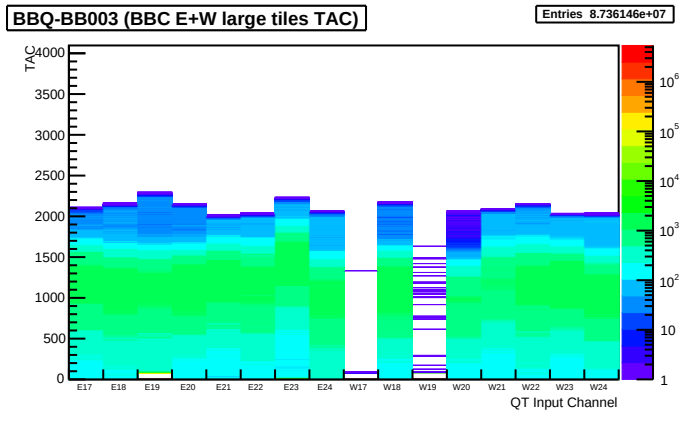

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.736146e+07
ADC
QT Input Channel

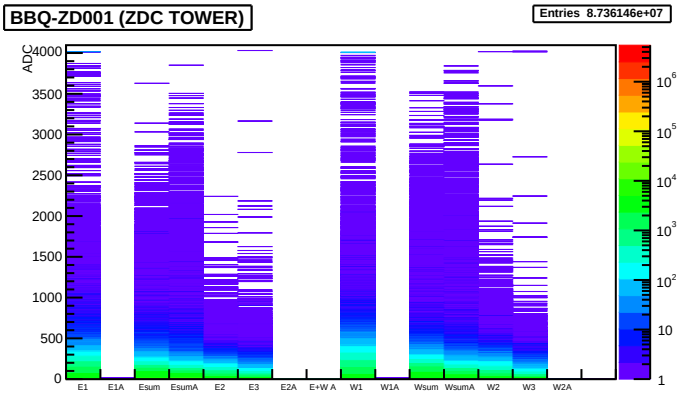

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.736146e+07
TAC
QT Input Channel

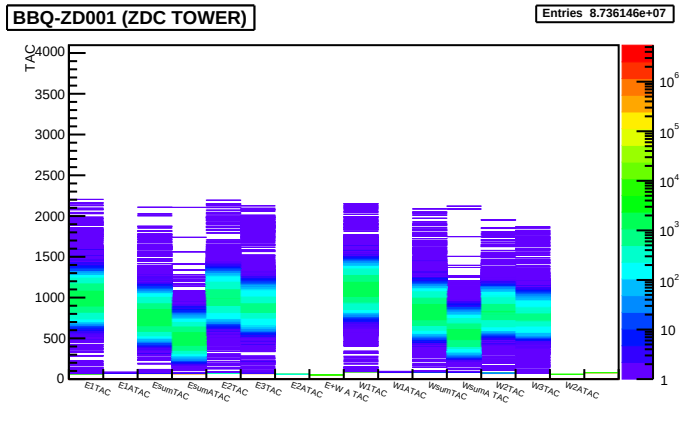

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.736146e+07
ADC
QT Input Channel

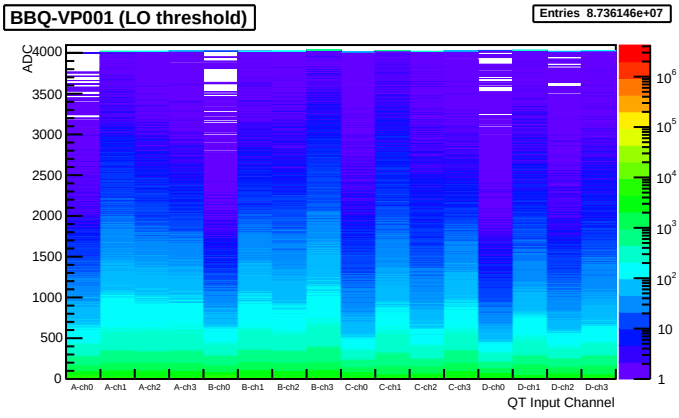

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.736146e+07
TAC
QT Input Channel

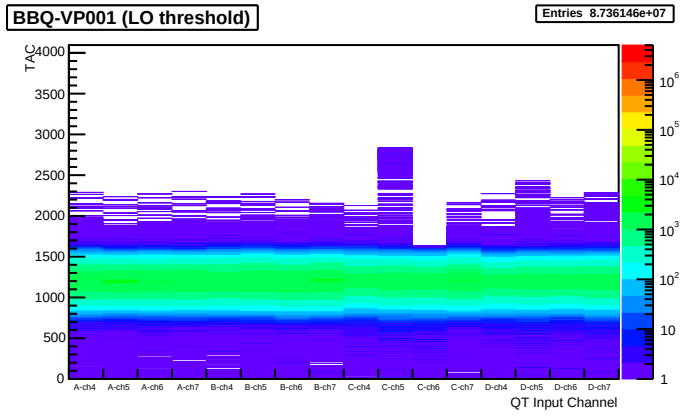

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.736146e+07
ADC
QT Input Channel

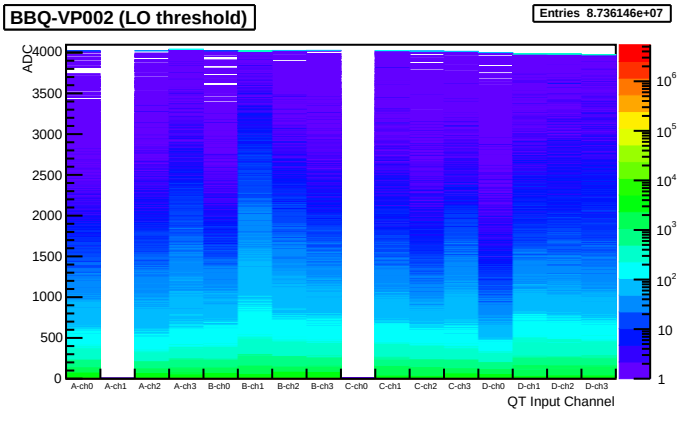

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.736146e+07
TAC
QT Input Channel

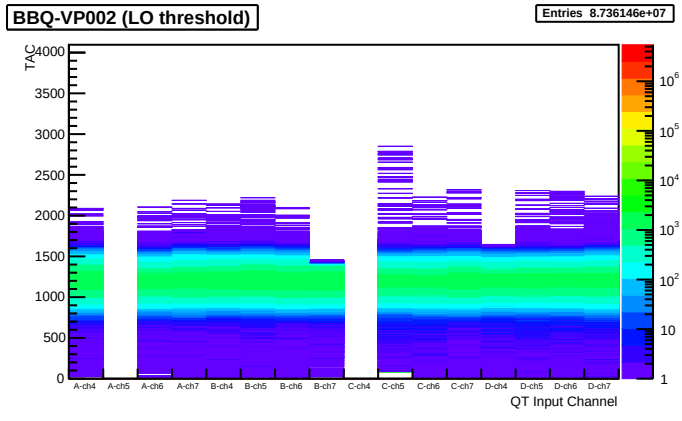

BBQ-ZD001 (ZDC TOWER)
Entries 8.736146e+07
ADC

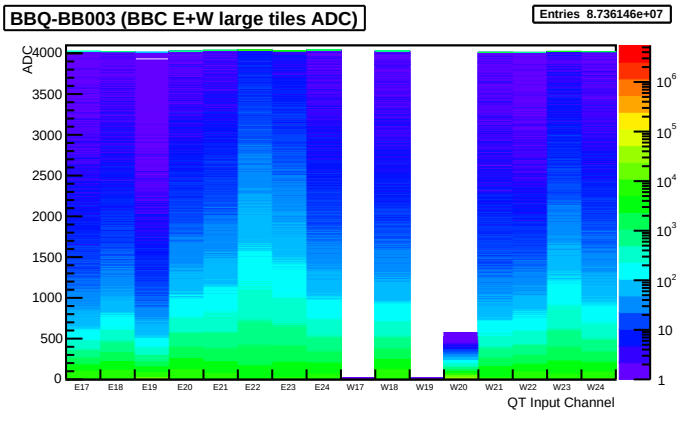

BBQ-ZD001 (ZDC TOWER)
Entries 8.736146e+07
TAC

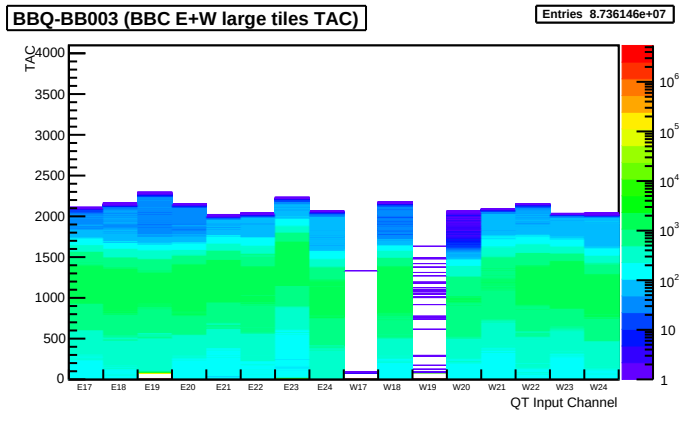

BBQ-VP001 (LO threshold)
Entries 8.736146e+07
ADC
QT Input Channel

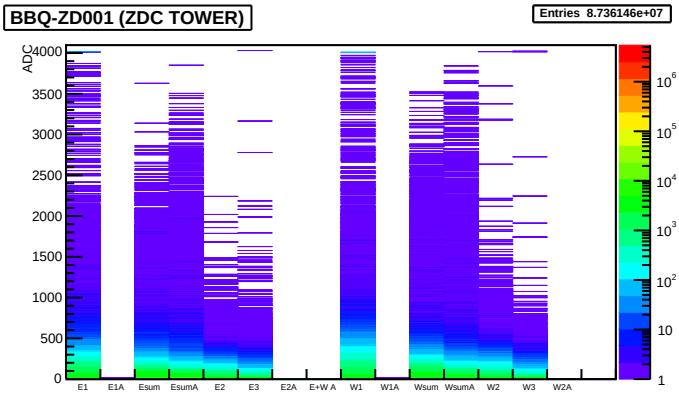

BBQ-VP001 (LO threshold)
Entries 8.736146e+07
TAC
QT Input Channel

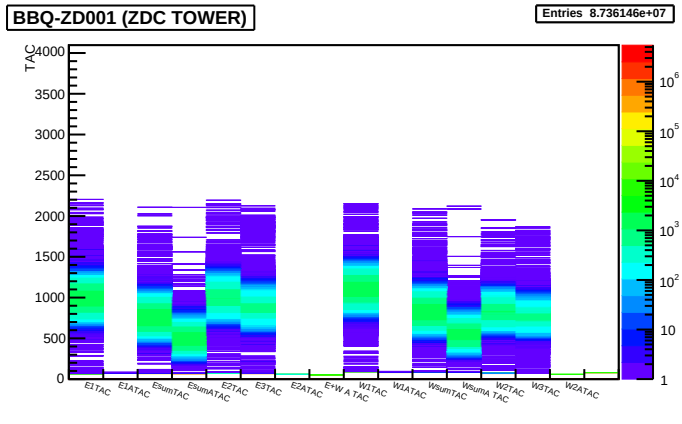

BBQ-VP002 (LO threshold)
Entries 8.736146e+07
ADC
QT Input Channel

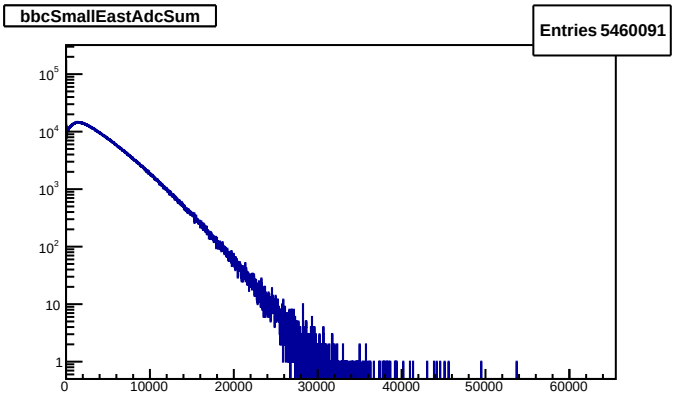

BBQ-VP002 (LO threshold)
Entries 8.736146e+07
TAC
QT Input Channel

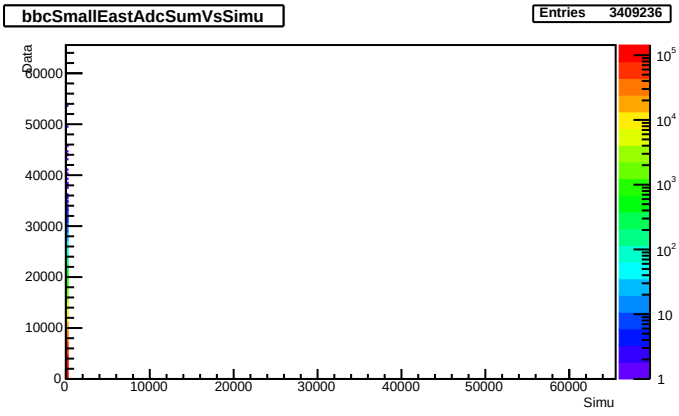

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.736146e+07
ADC
QT Input Channel

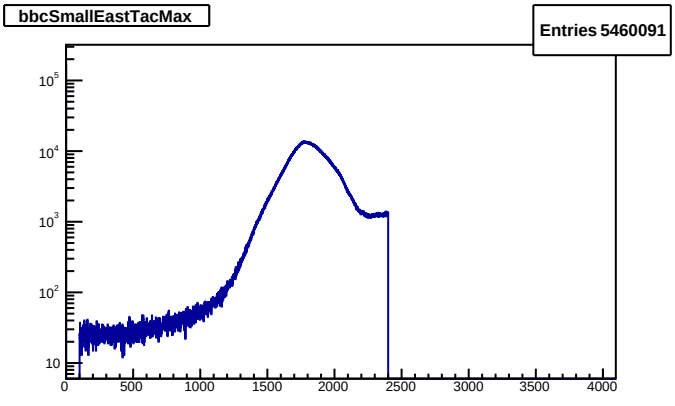

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.736146e+07
TAC
QT Input Channel

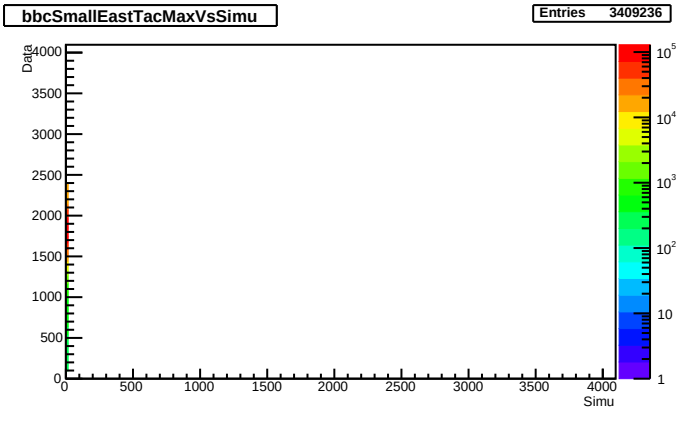

BBQ-ZD001 (ZDC TOWER)
Entries 8.736146e+07
ADC

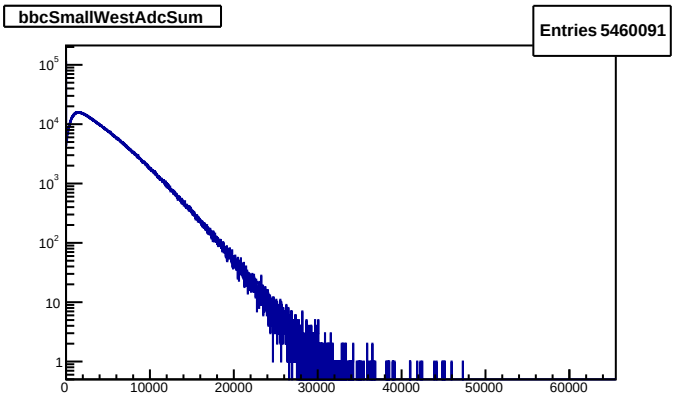

BBQ-ZD001 (ZDC TOWER)
Entries 8.736146e+07
TAC

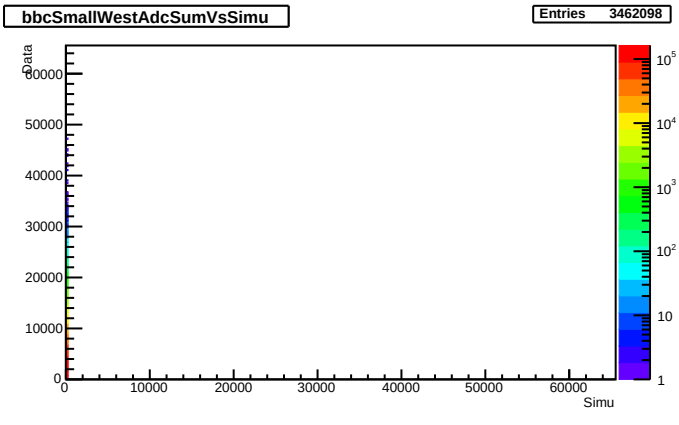

bbcSmallEastAdcSum
Entries 5460091

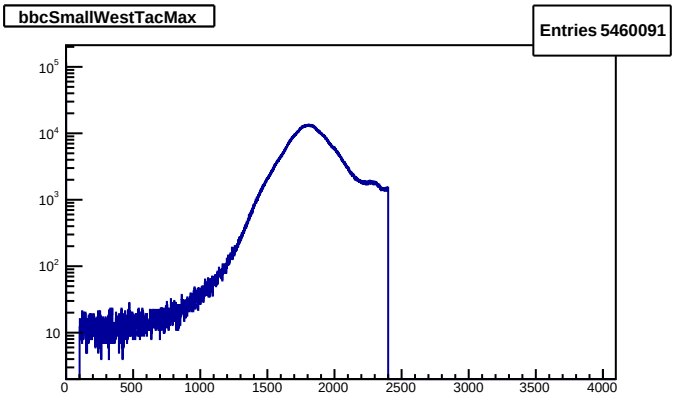

bbcSmallEastAdcSumVsSimu
Entries 3409236
Data
Simu

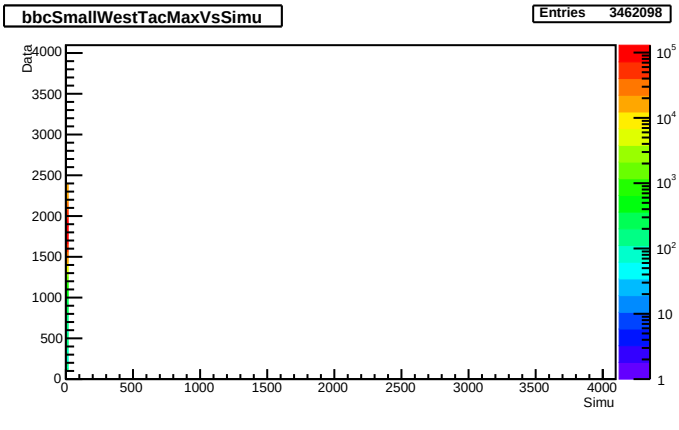

bbcSmallEastTacMax
Entries 5460091

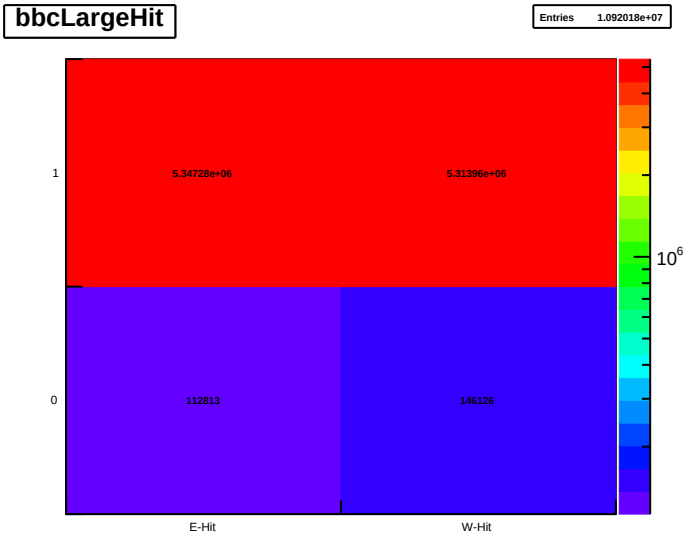

bbcSmallEastTacMaxVsSimu
Entries 3409236
Data
Simu

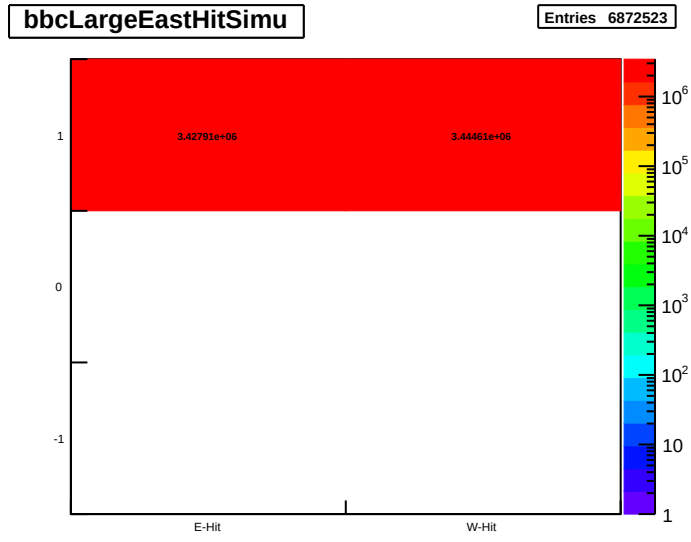

bbcSmallWestAdcSum
Entries 5460091

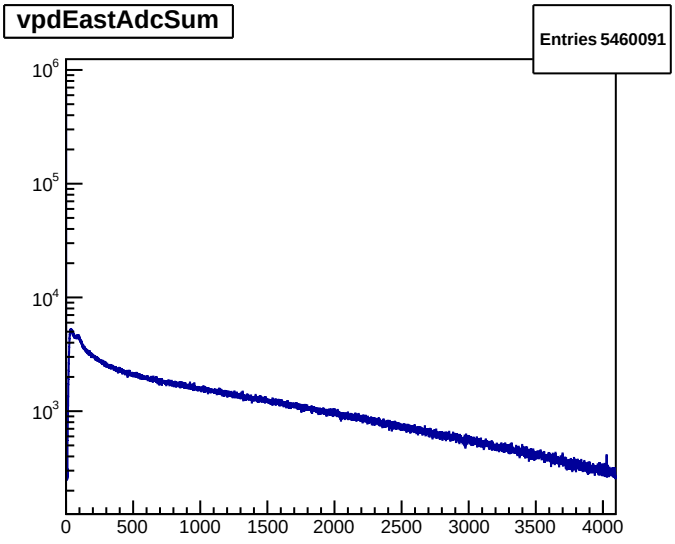

bbcSmallWestAdcSumVsSimu
Entries 3462098
Data
Simu

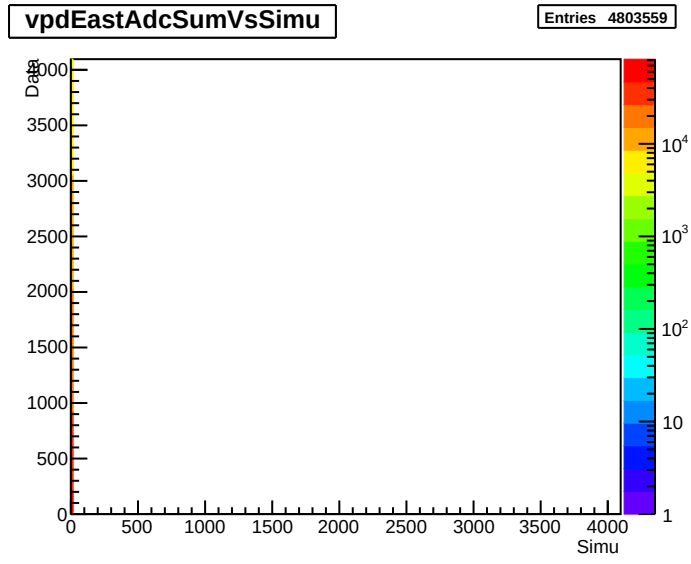

bbcSmallWestTacMax
Entries 5460091

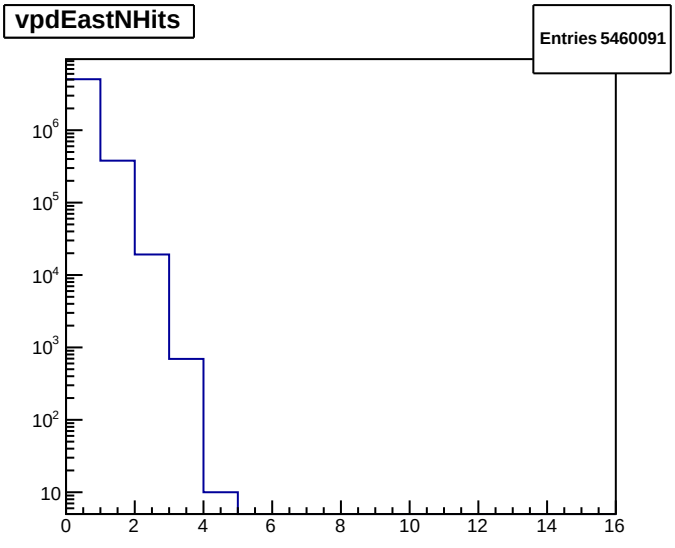

bbcSmallWestTacMaxVsSimu
Entries 3462098
Data
Simu

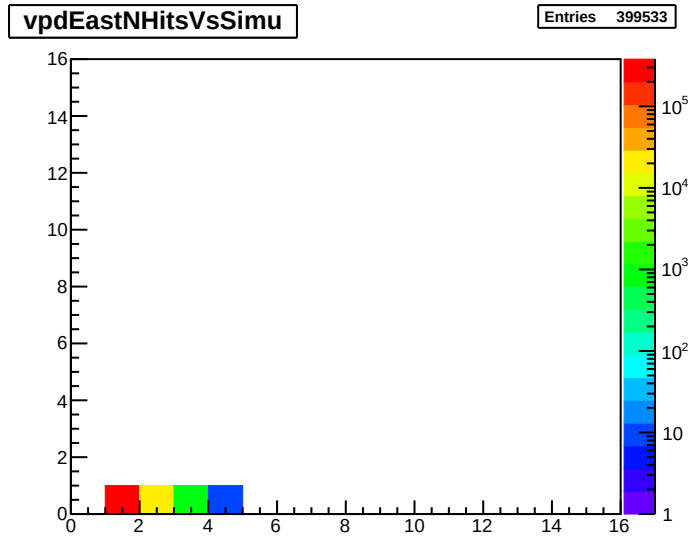

bbcLargeHit
Entries 1.092018e+07
1
0
5.34728e+06
5.31396e+06
112813
146126
E-Hit
W-Hit
10^6

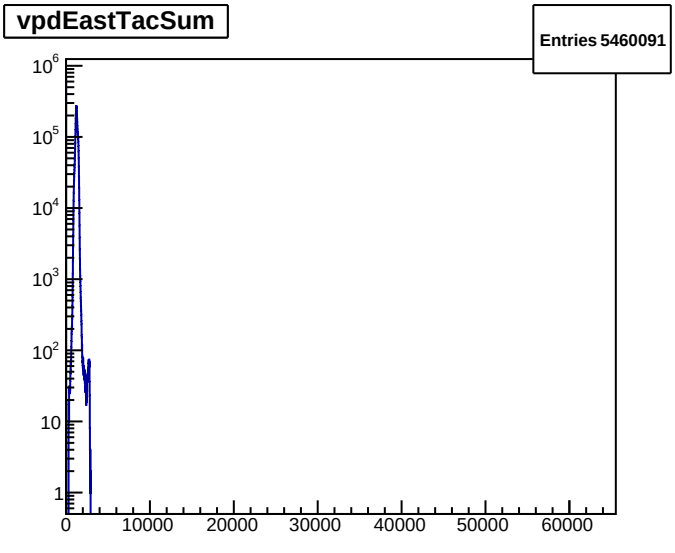

bbcLargeEastHitSimu
Entries 6872523
1
0
-1
3.42791e+06
3.44461e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

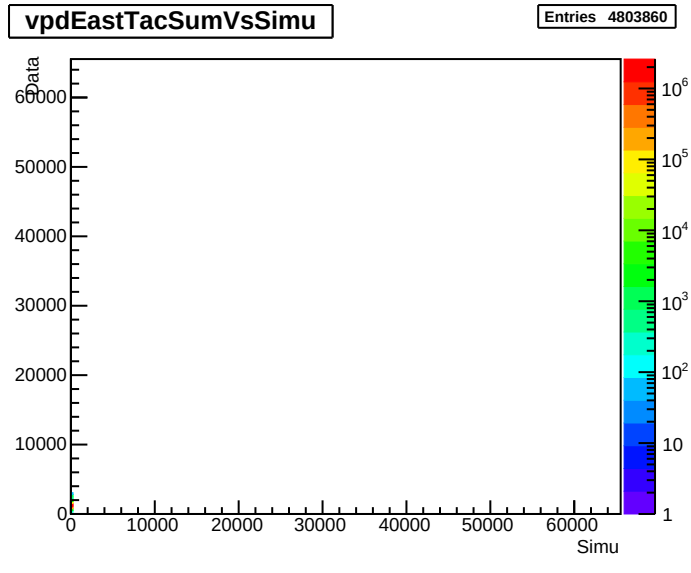

vpdEastAdcSum
Entries 5460091

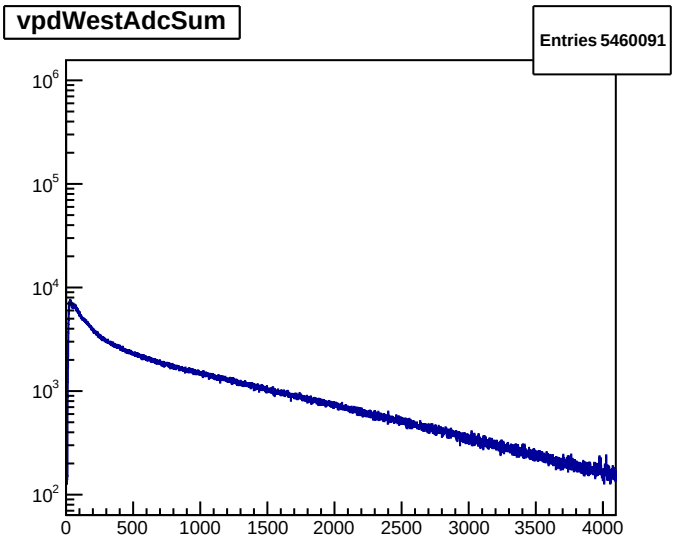

vpdEastAdcSumVsSimu
Entries 4803559
Data
Simu

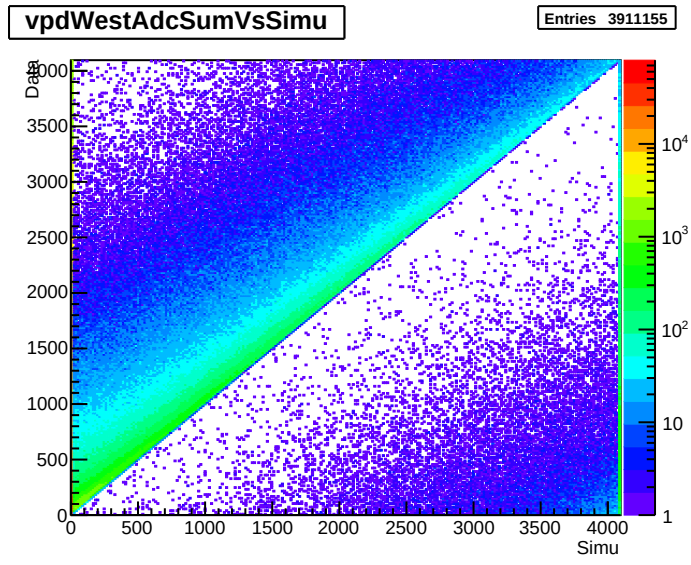

vpdEastNHits
Entries 5460091

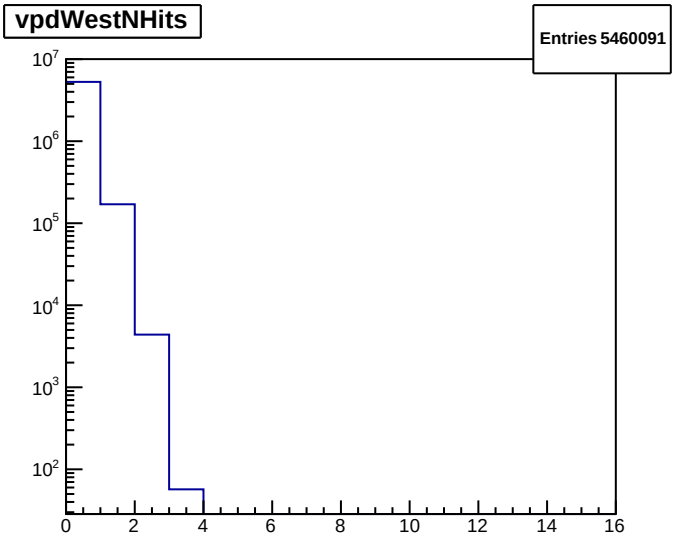

vpdEastNHitsVsSimu
Entries 399533

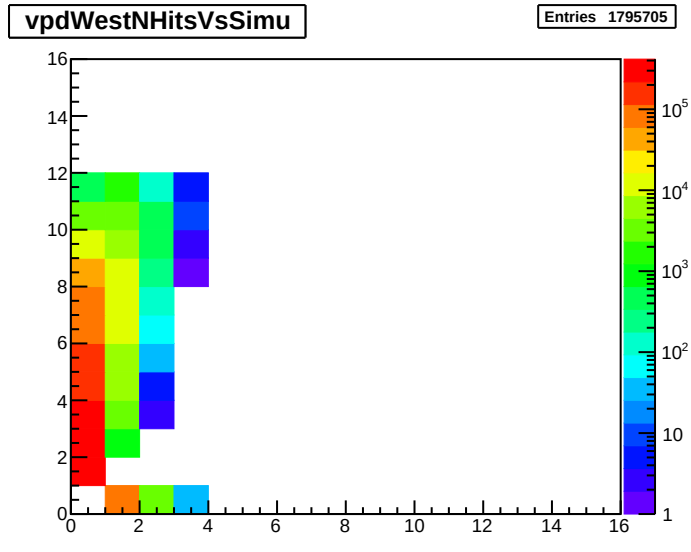

vpdEastTacSum
Entries 5460091

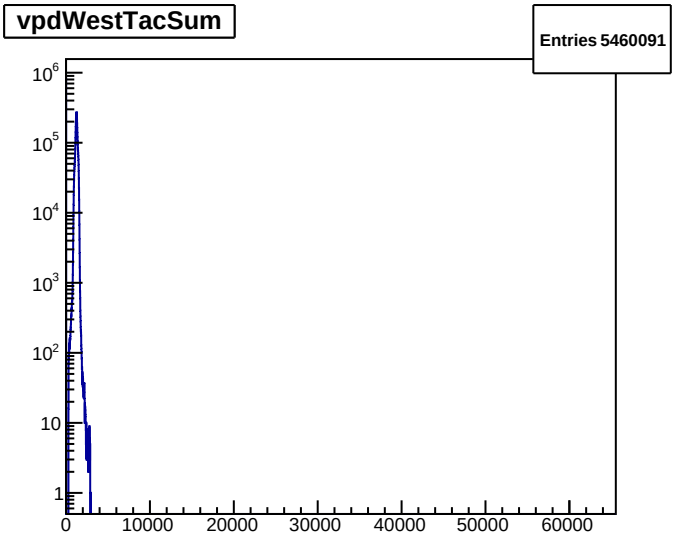

vpdEastTacSumVsSimu
Entries 4803860
Data
Simu

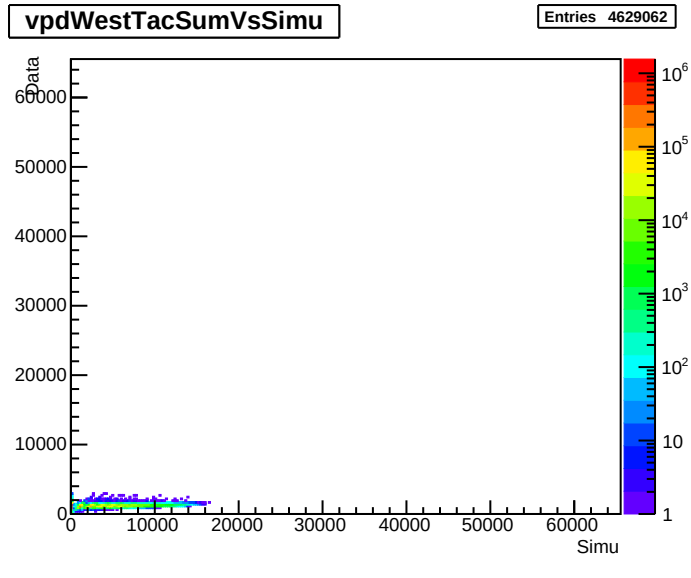

vpdWestAdcSum
Entries 5460091

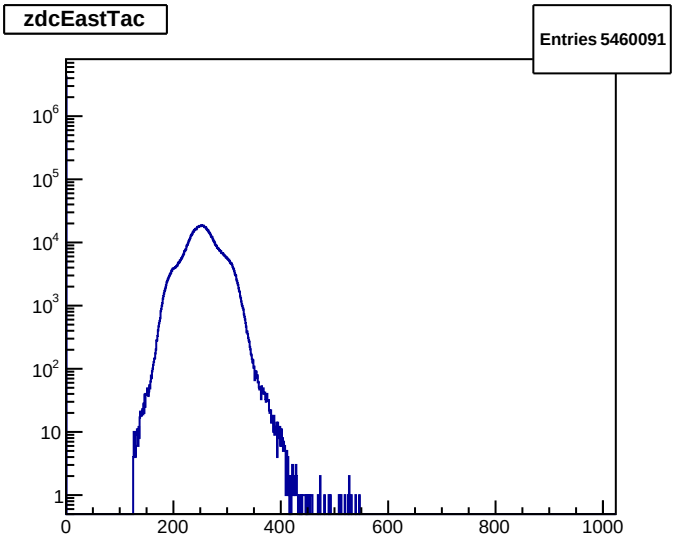

vpdWestAdcSumVsSimu
Entries 3911155
Data
Simu

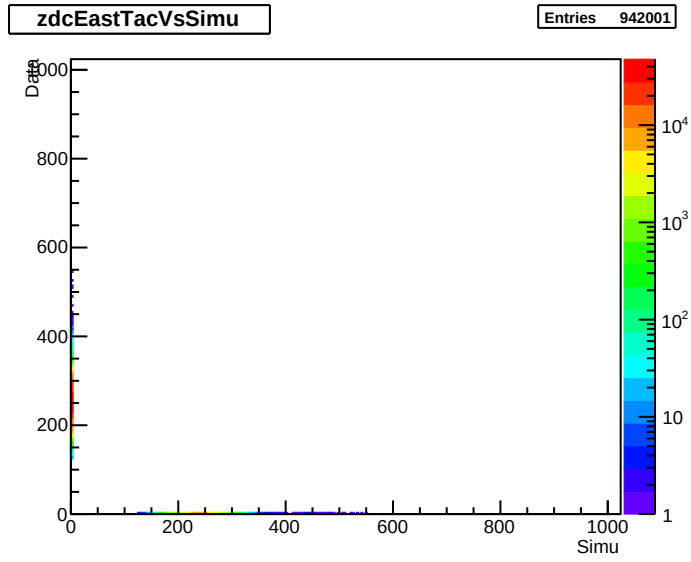

vpdWestNHits
Entries 5460091

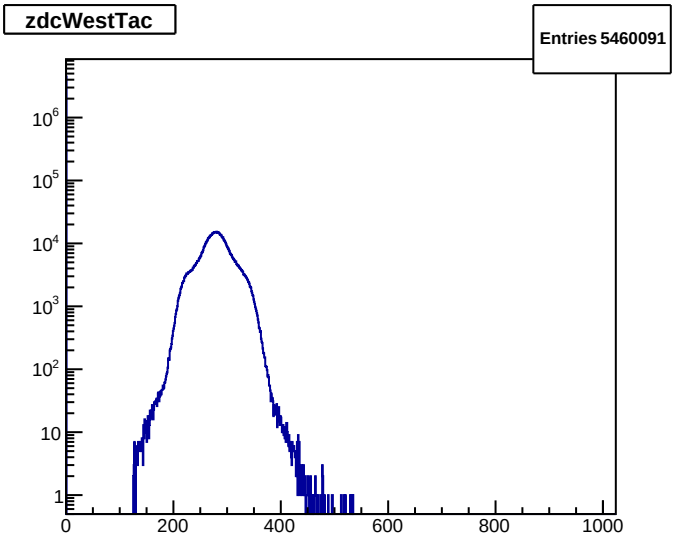

vpdWestNHitsVsSimu
Entries 1795705

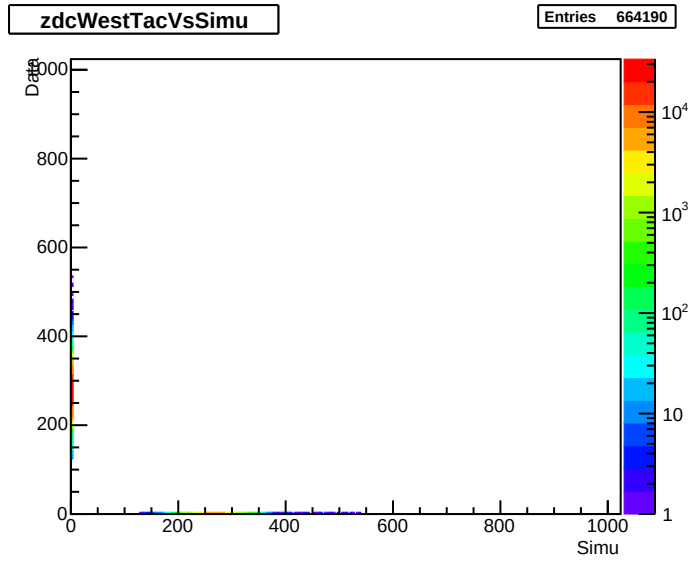

vpdWestTacSum
Entries 5460091

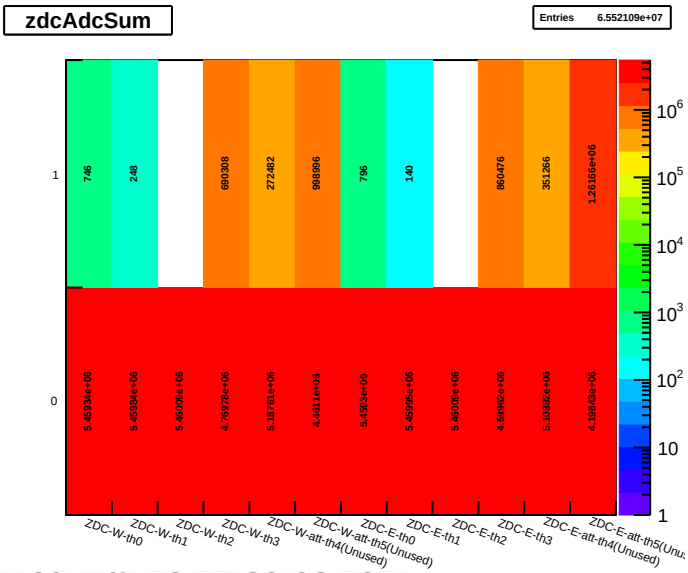

vpdWestTacSumVsSimu
Entries 4629062
Data
Simu

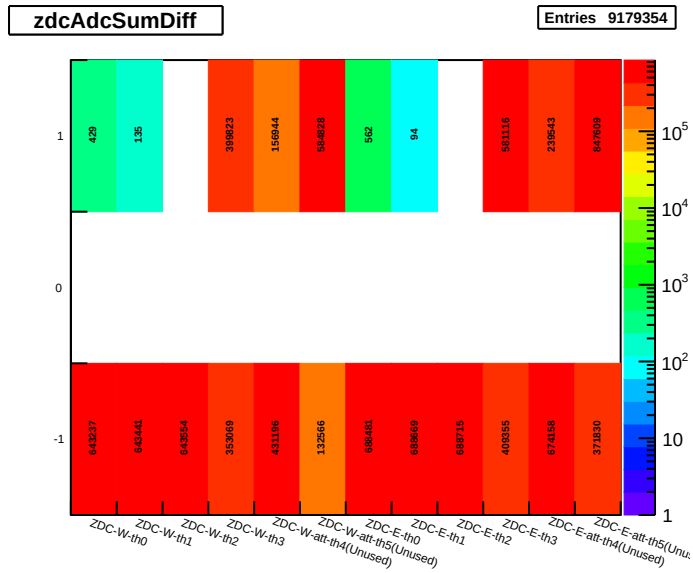

zdcEastTac
Entries 5460091

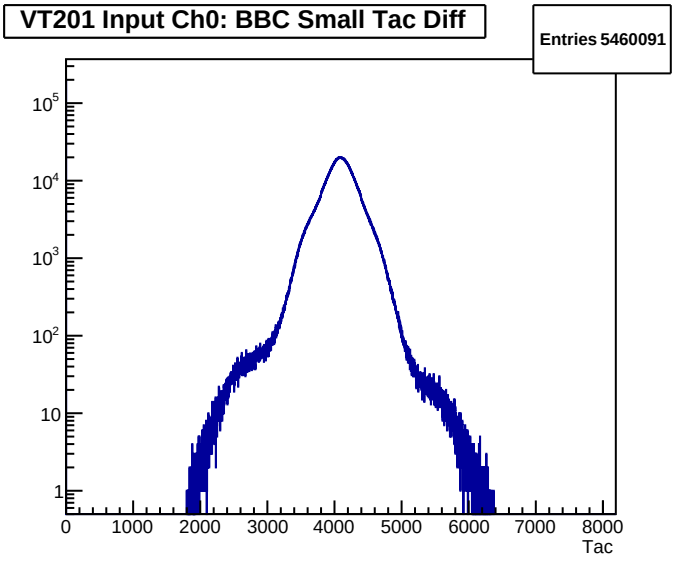

zdcEastTacVsSimu
Entries 942001
Data
Simu

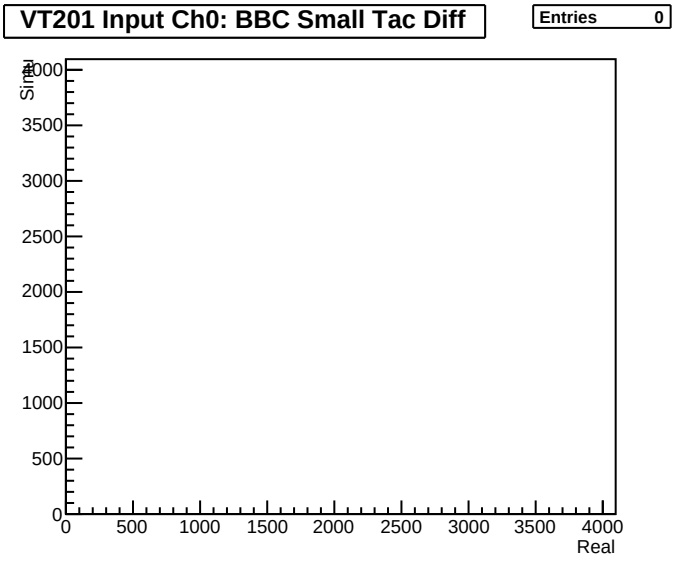

zdcWestTac
Entries 5460091

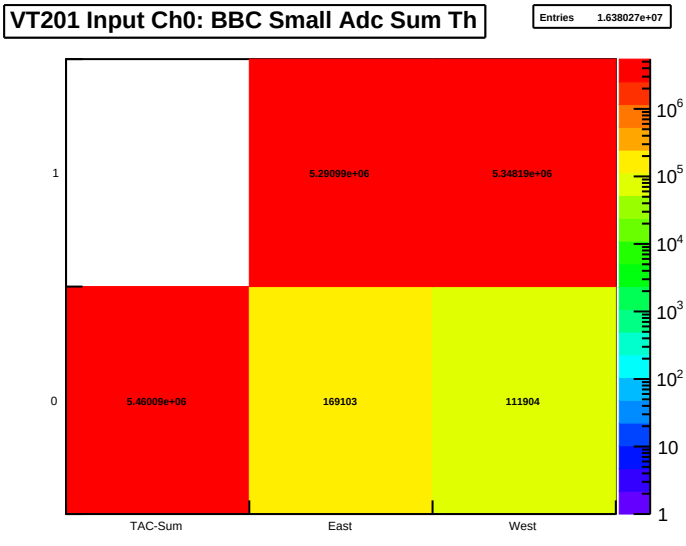

zdcWestTacVsSimu
Entries 664190
Data
Simu

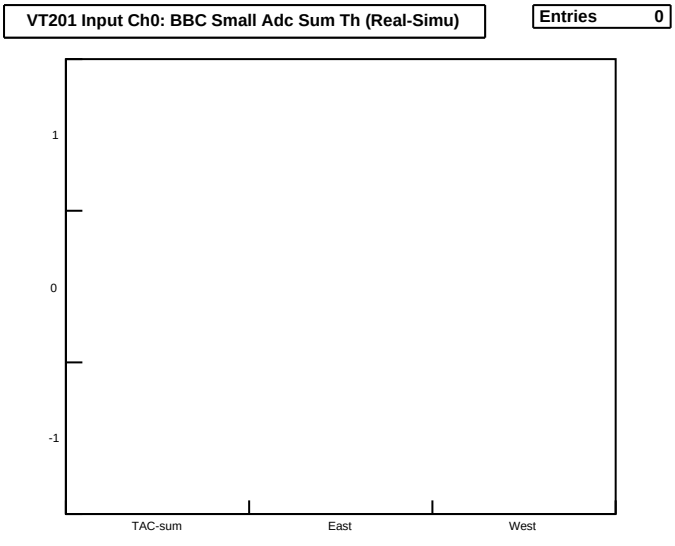

zdcAdcSum
Entries 6.552109e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

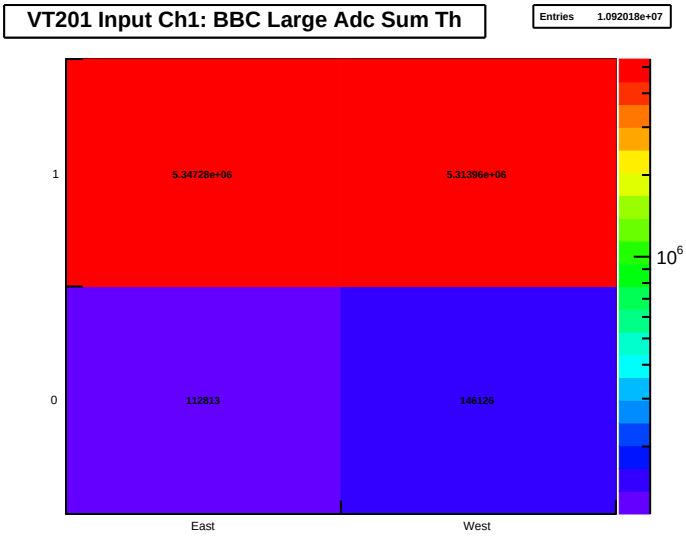

zdcAdcSumDiff
Entries 9179354
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

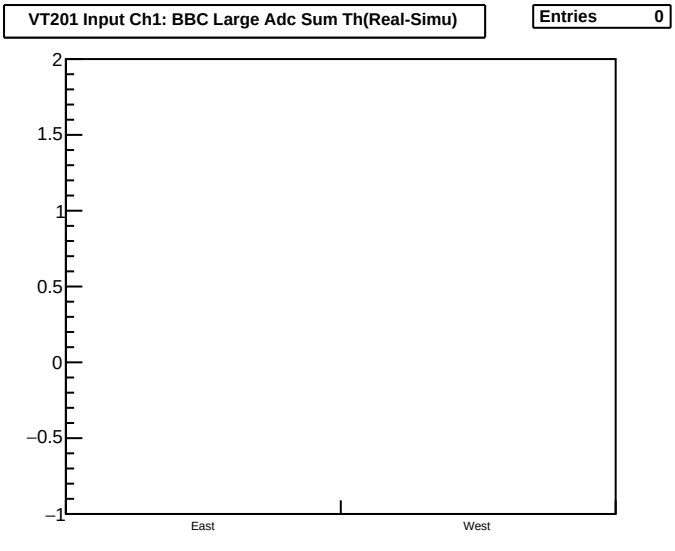

VT201 Input Ch0: BBC Small Tac Diff
Entries 5460091
Tac


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

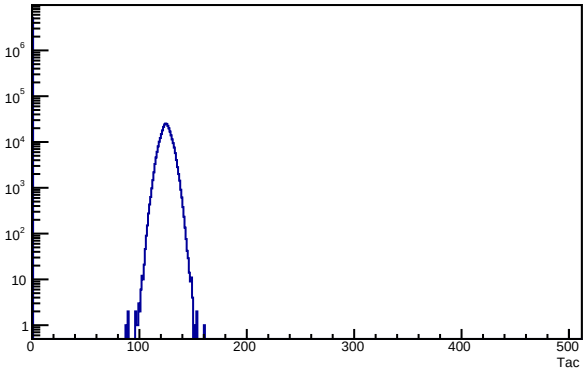

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.638027e+07
5.29099e+06
5.34819e+06
5.46009e+06
169103
111904
TAC-Sum
East
West


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

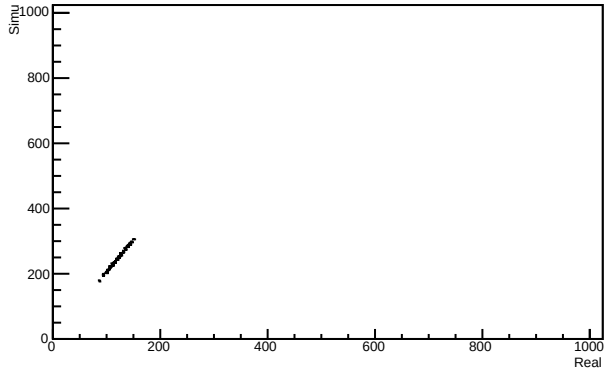

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.092018e+07
5.34728e+06
5.31396e+06
112813
146126
East
West


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

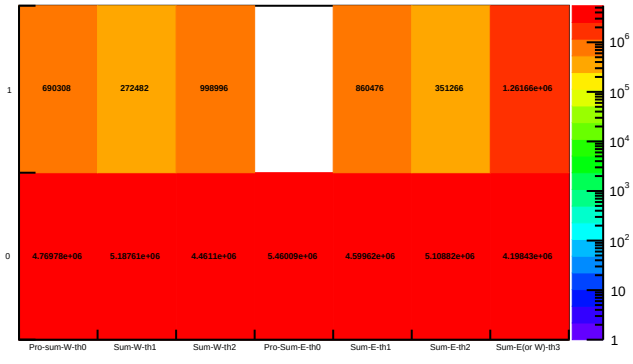
VT201 Input Ch2: ZDC Tac Diff



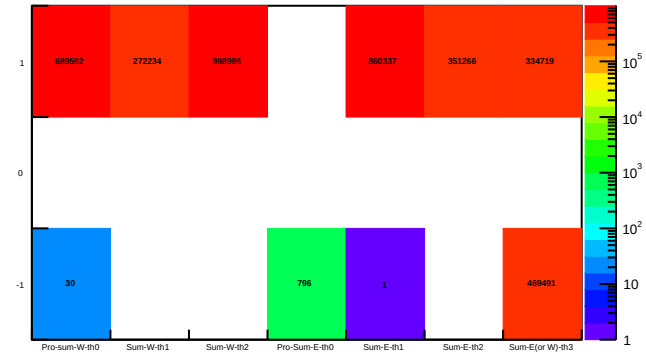
VT201 Input Ch2: ZDC Tac Diff



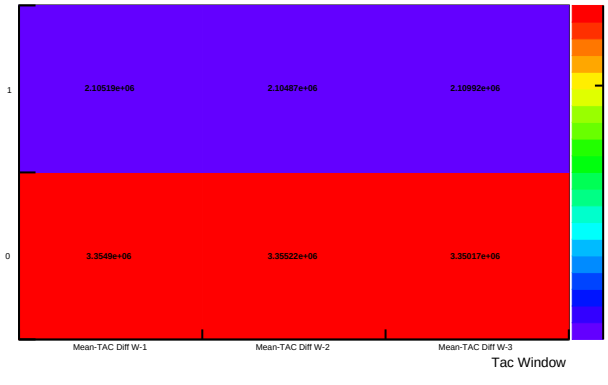
VT201 Input Ch2: ZDC Adc Sum Th



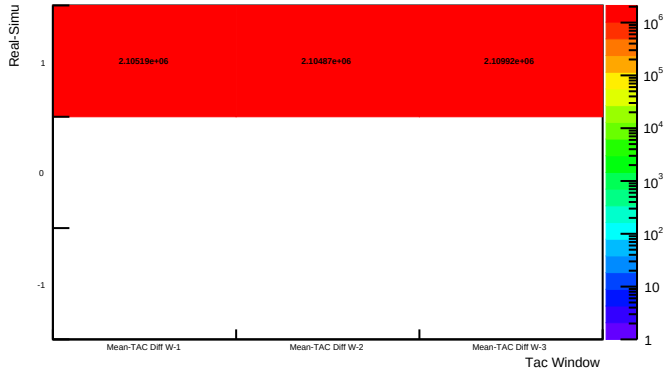
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



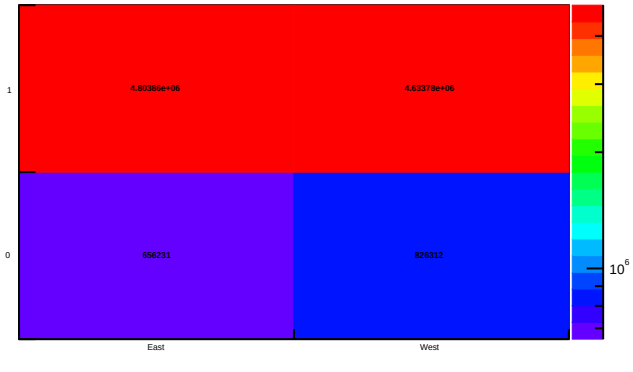
VT201 Input Ch4: VPD Tac Diff



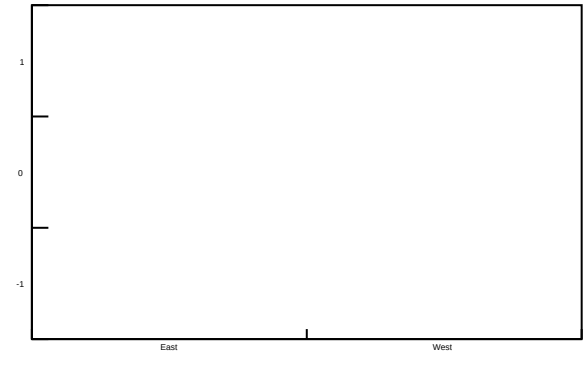
VT201 Input Ch4: VPD Tac Diff

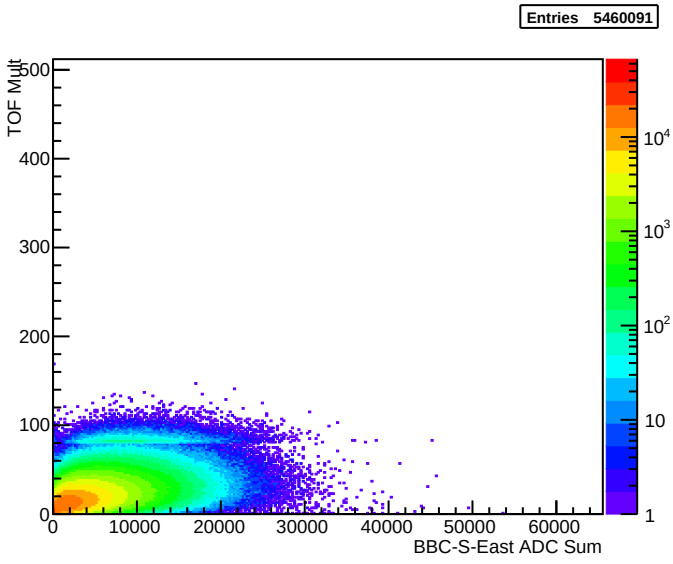


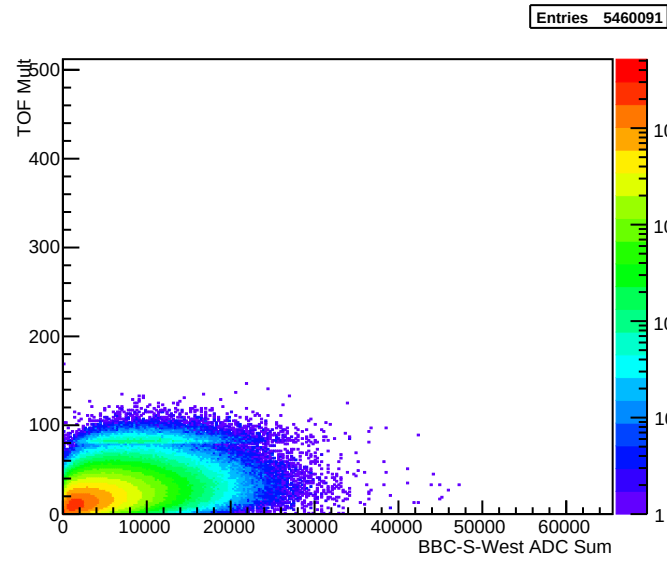
VT201 Input Ch4: VPD Adc Sum Th

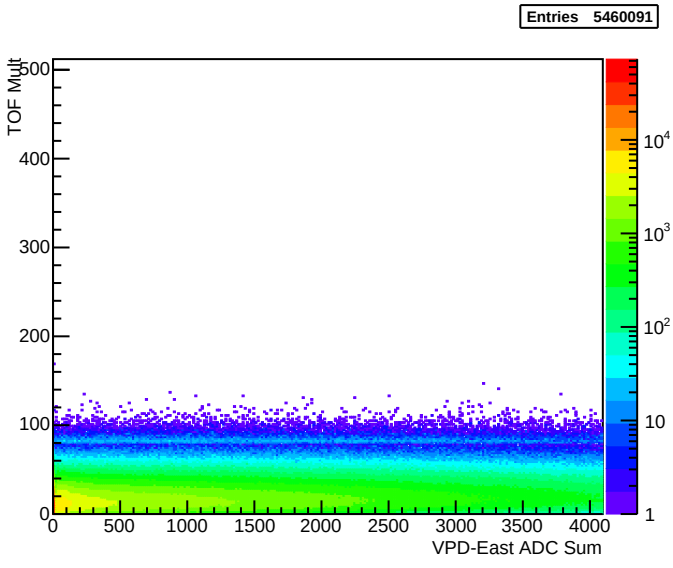


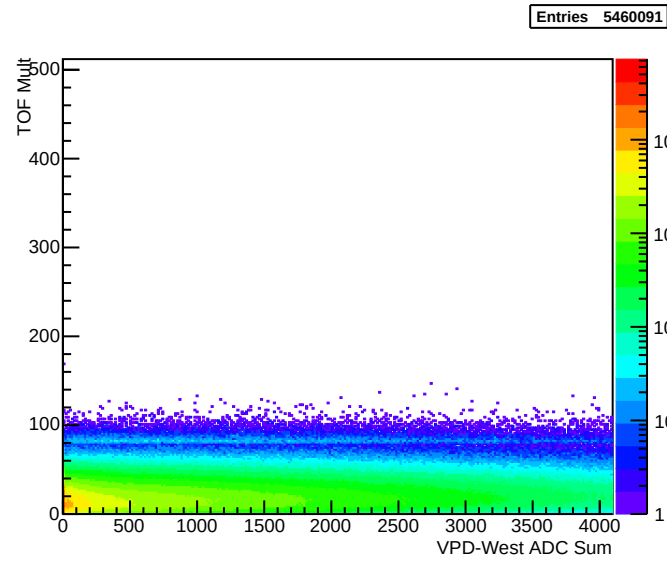
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

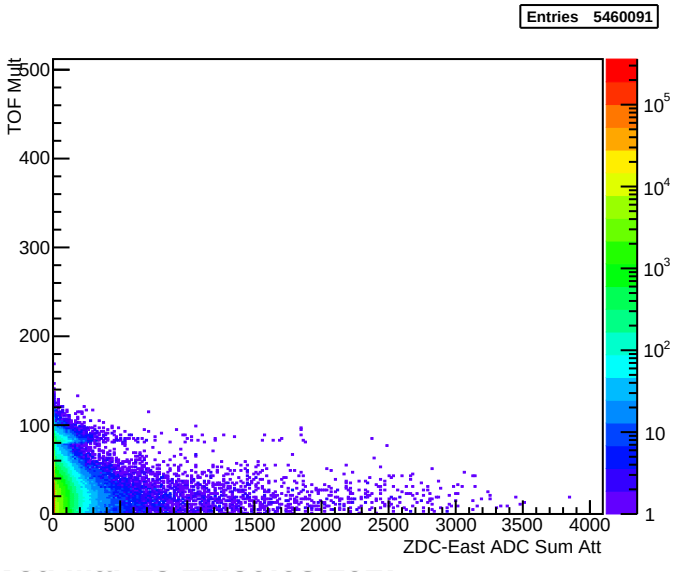


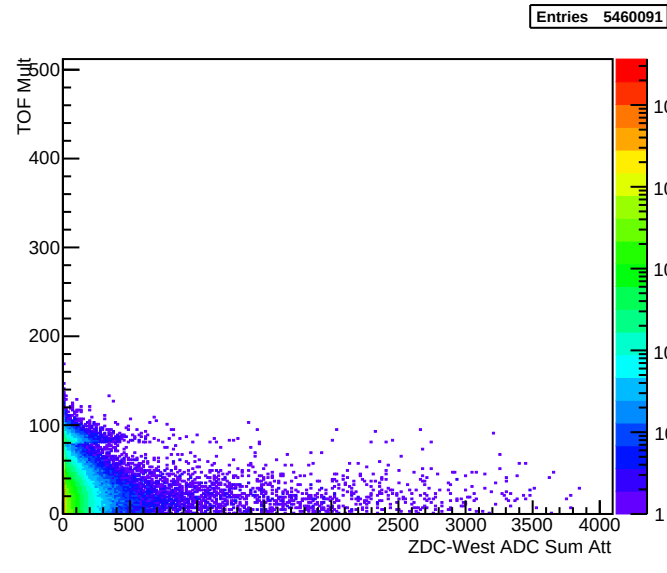

Entries 5460091
TOF Mult
BBC-S-East ADC Sum

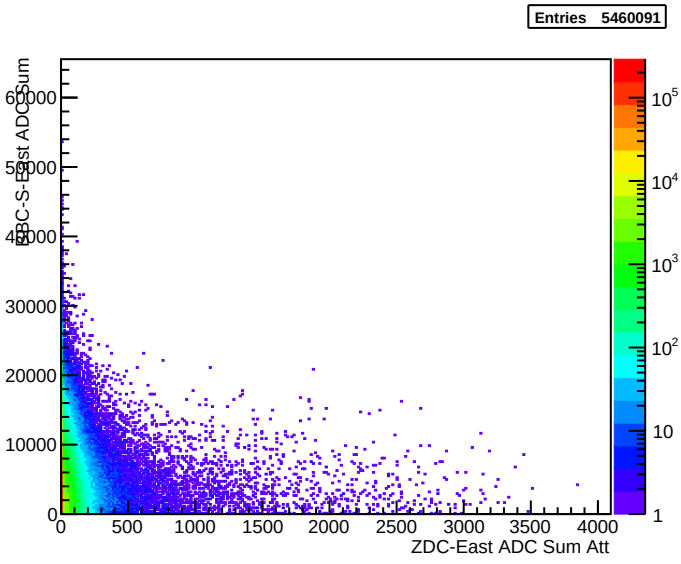

Entries 5460091
TOF Mult
BBC-S-West ADC Sum

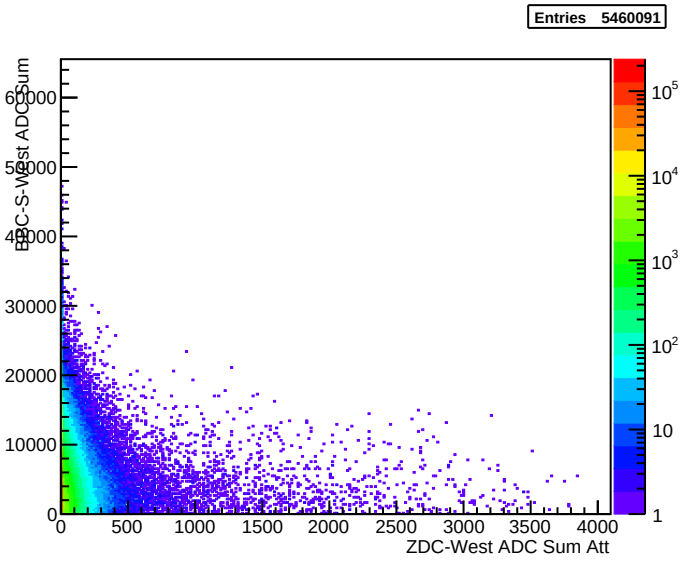

Entries 5460091
TOF Mult
VPD-East ADC Sum

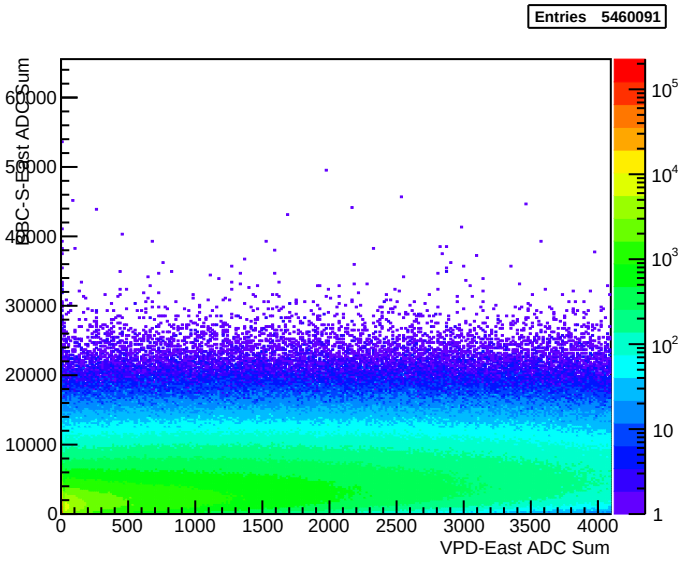

Entries 5460091
TOF Mult
VPD-West ADC Sum

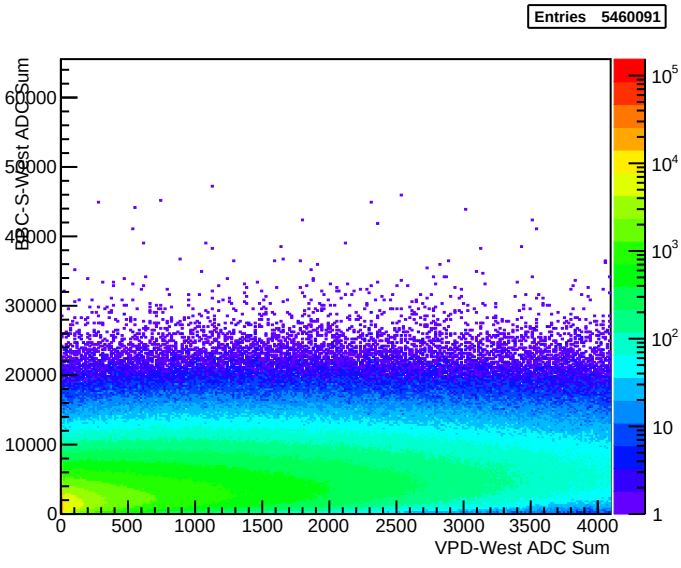

Entries 5460091
TOF Mult
ZDC-East ADC Sum Att

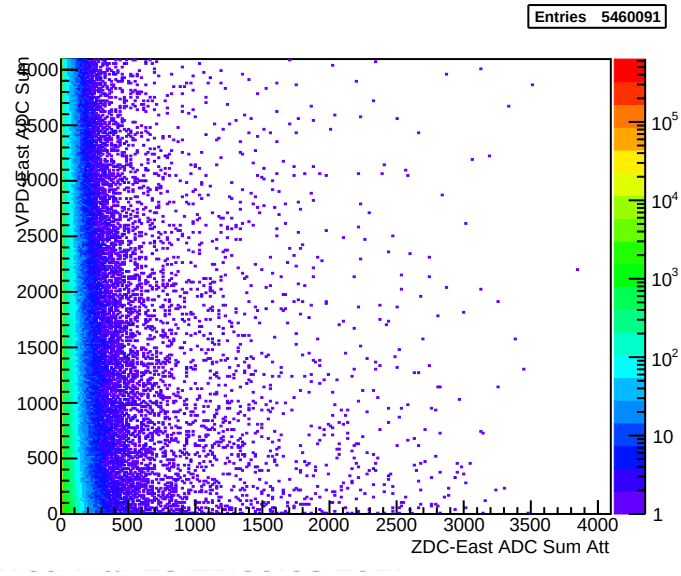

Entries 5460091
TOF Mult
ZDC-West ADC Sum Att

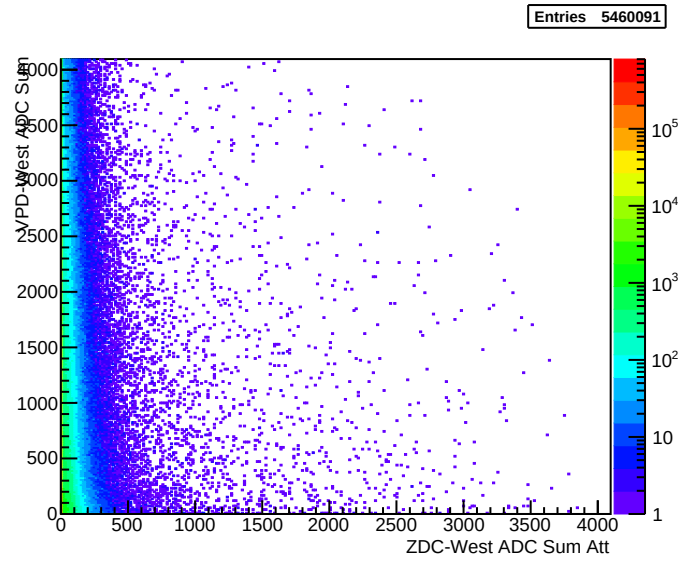

Entries 5460091
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

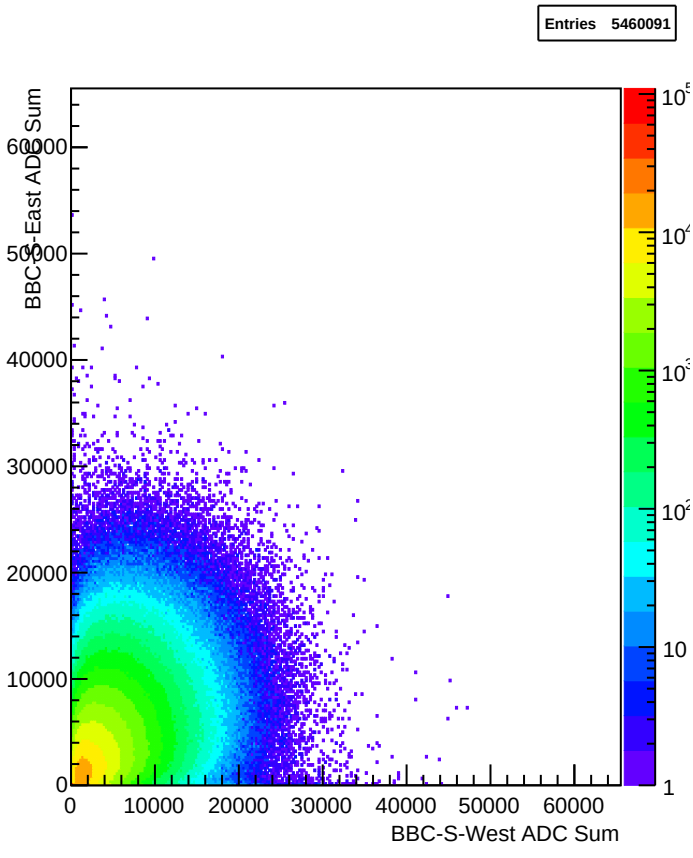

Entries 5460091
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

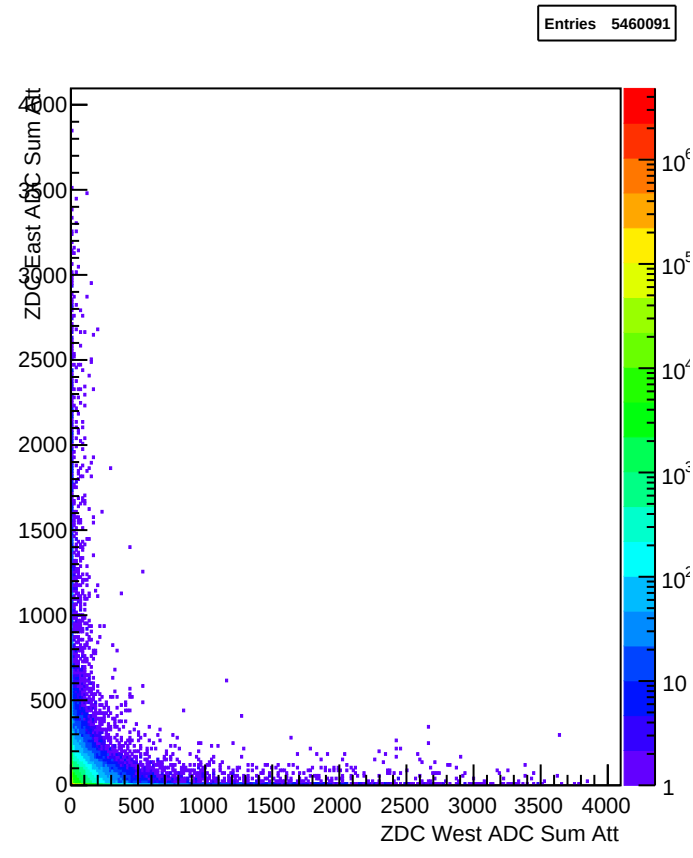

Entries 5460091
BBC-S-East ADC Sum
VPD-East ADC Sum

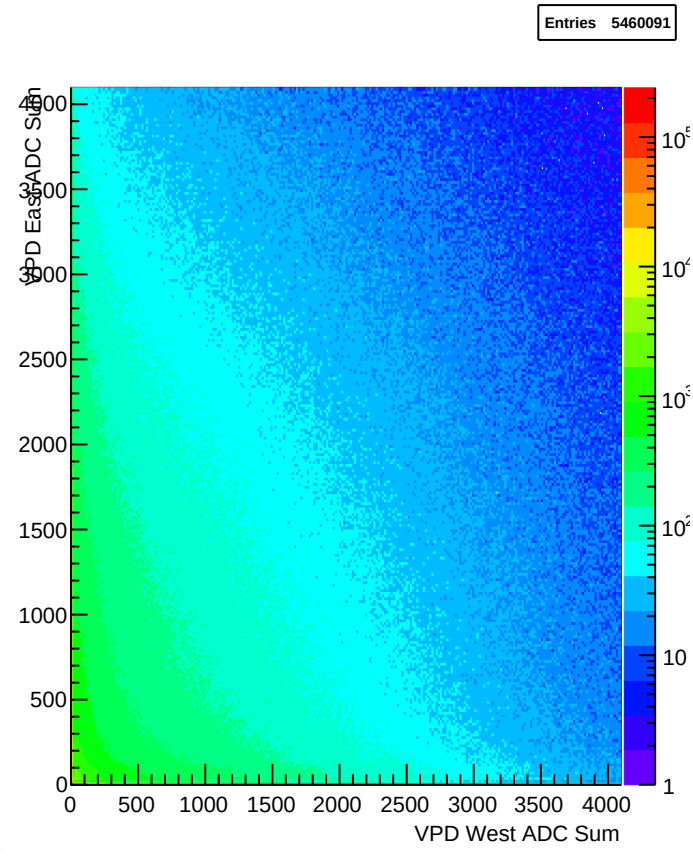

Entries 5460091
BBC-S-West ADC Sum
VPD-West ADC Sum

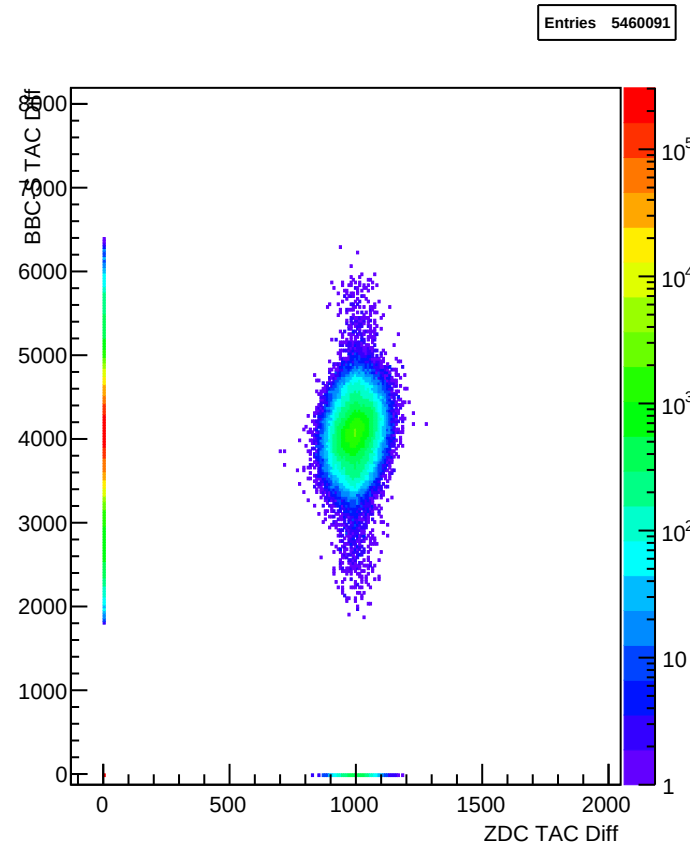

Entries 5460091
VPD-East ADC Sum
ZDC-East ADC Sum Att

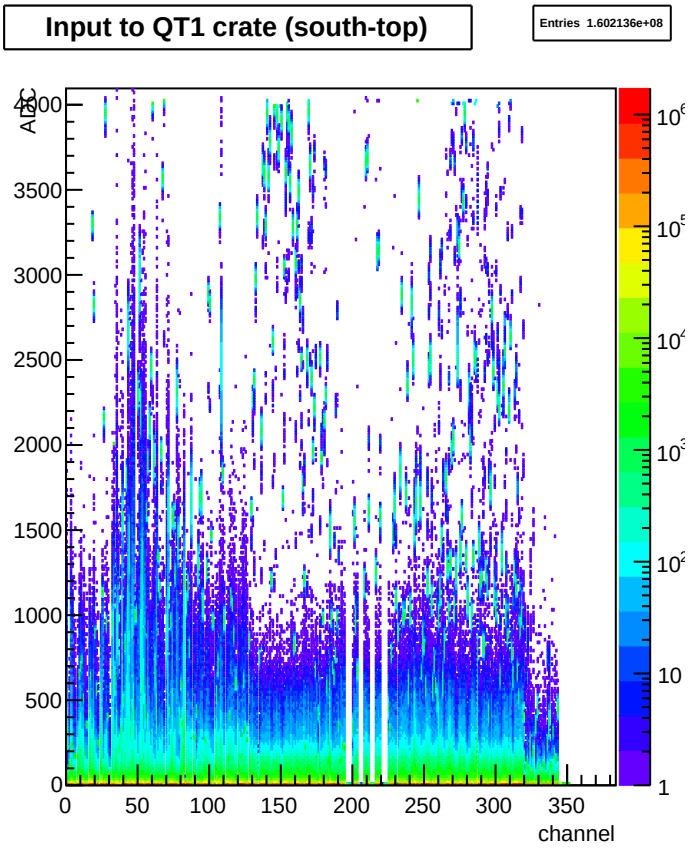

Entries 5460091
VPD-West ADC Sum
ZDC-West ADC Sum Att

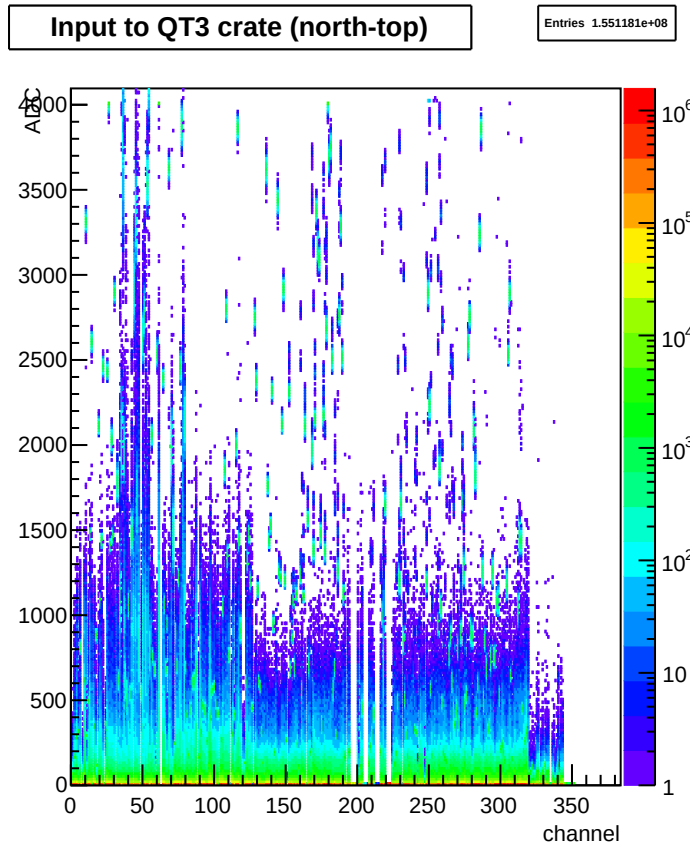

Entries 5460091
BBC-S-East ADC Sum
BBC-S-West ADC Sum

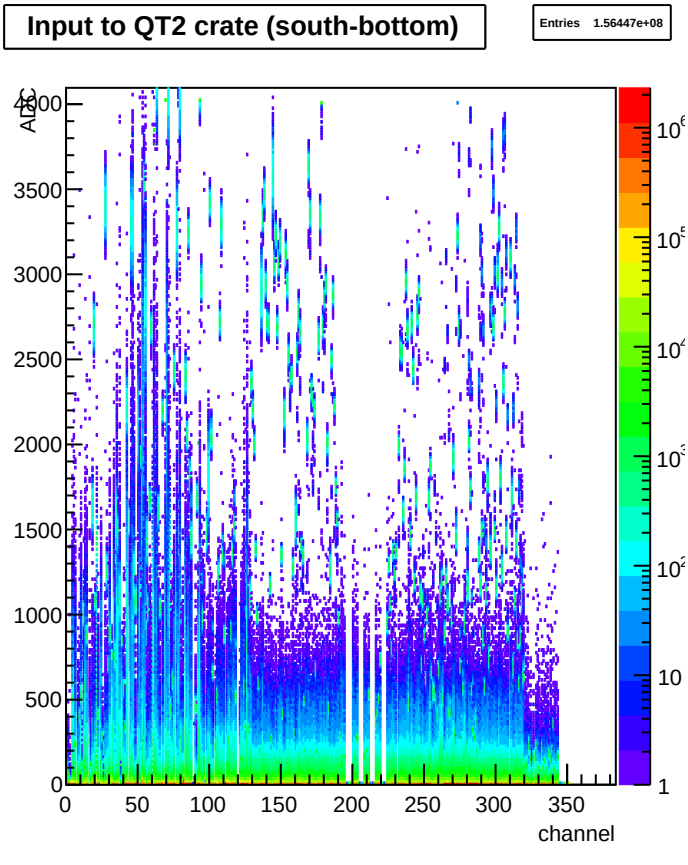

Entries 5460091
ZDC East ADC Sum Att
ZDC West ADC Sum Att

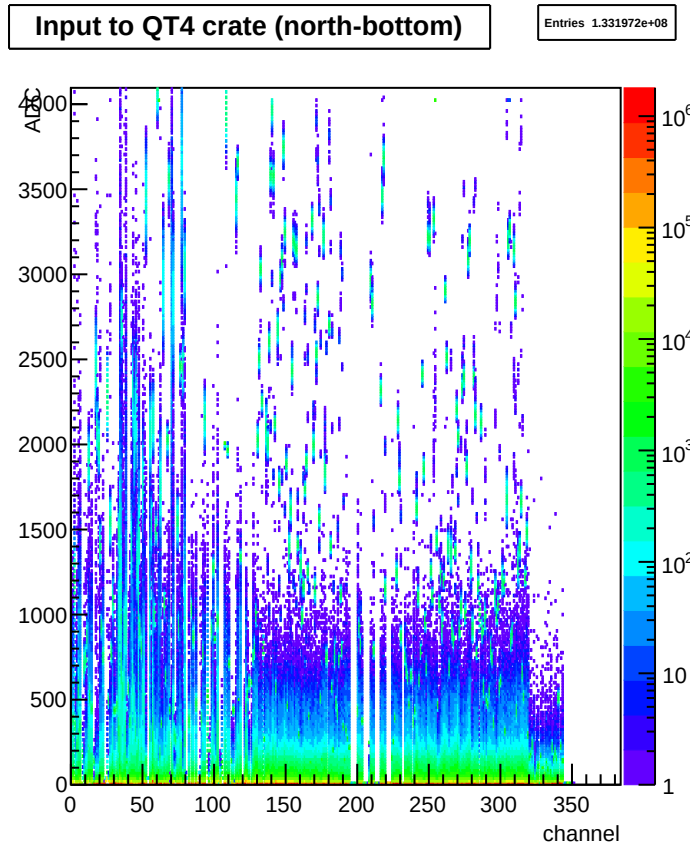

Entries 5460091
VPD East ADC Sum
VPD West ADC Sum

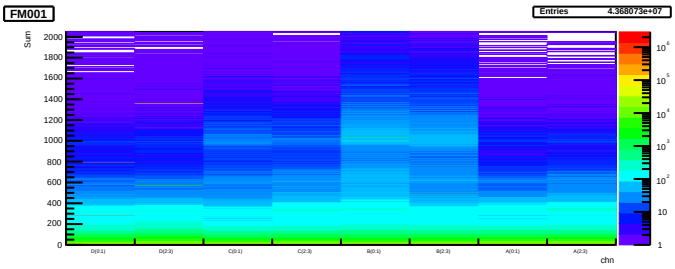

Entries 5460091
BBC-S TAC Diff
ZDC TAC Diff

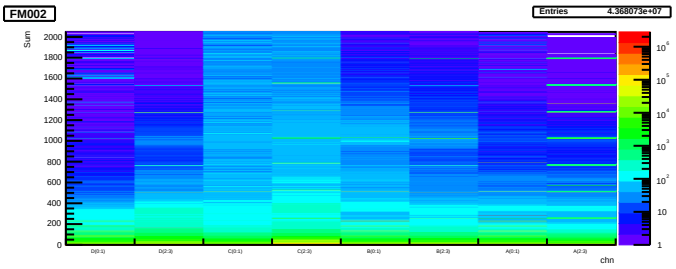

Input to QT1 crate (south-top)
Entries 1.602136e+08
ADC
channel

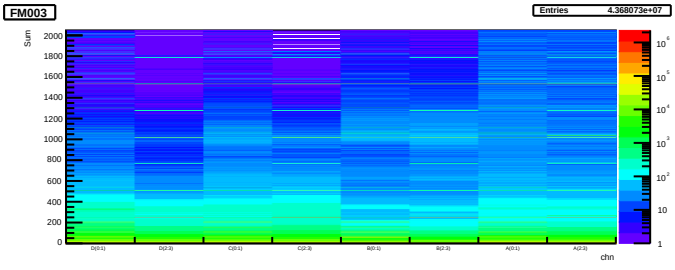

Input to QT3 crate (north-top)
Entries 1.551181e+08
ADC
channel

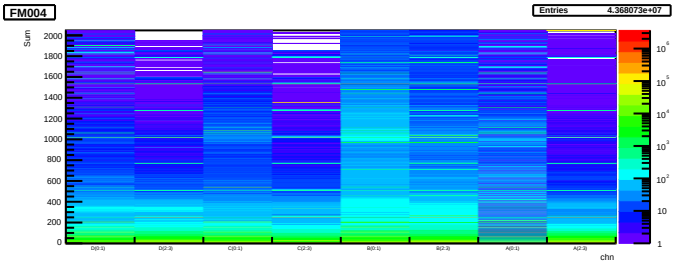

Input to QT2 crate (south-bottom)
Entries 1.56447e+08
ADC
channel

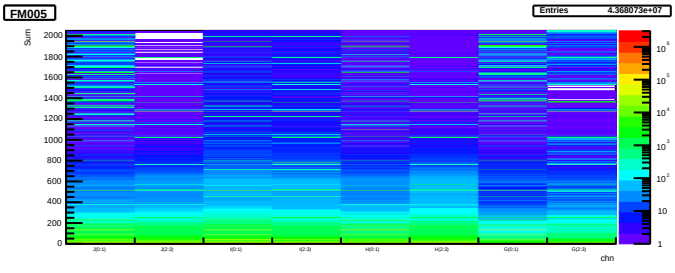

Input to QT4 crate (north-bottom)
Entries 1.331972e+08
ADC
channel

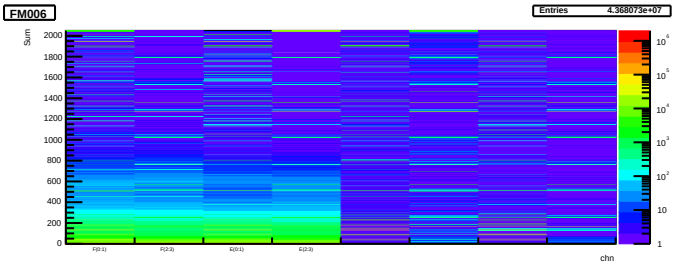

FM001
Entries 4.368073e+07
Sum
chn

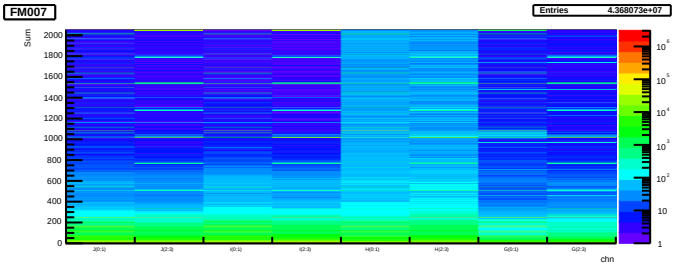

FM002
Entries 4.368073e+07
Sum
chn

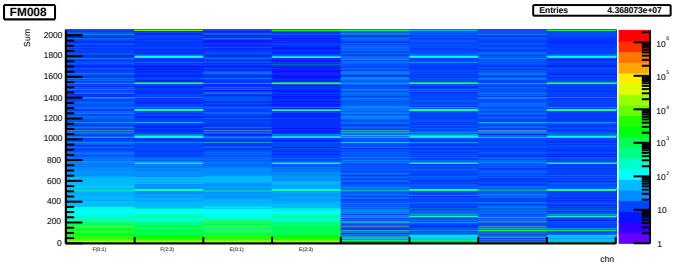

FM003
Entries 4.368073e+07
Sum
chn

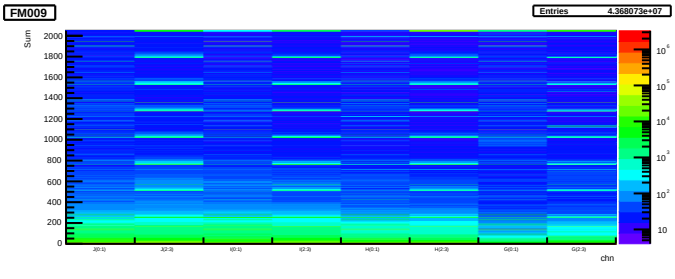

FM004
Entries 4.368073e+07
Sum
chn


FM005
Entries 4.368073e+07
Sum
chn


FM006
Entries 4.368073e+07
Sum
chn


FM007
Entries 4.368073e+07
Sum
chn


FM008
Entries 4.368073e+07
Sum
chn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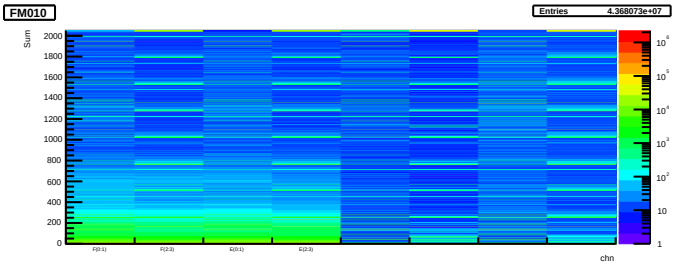
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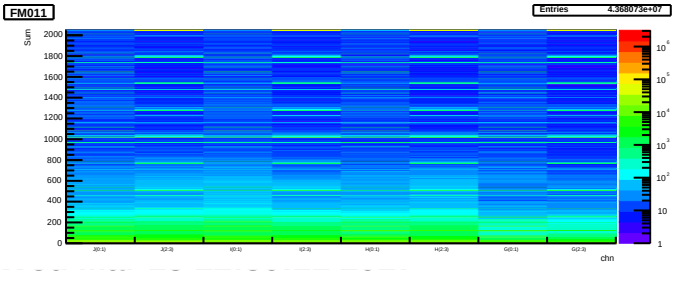
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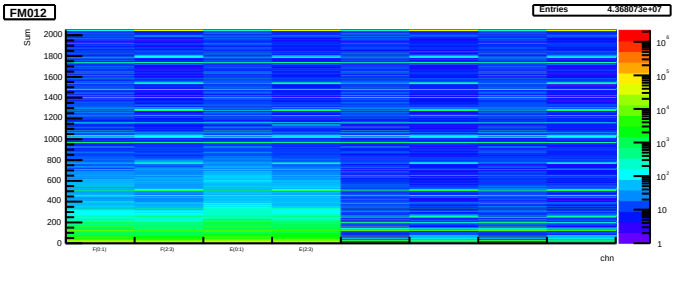
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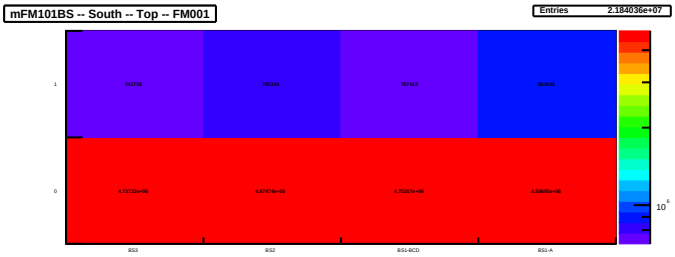
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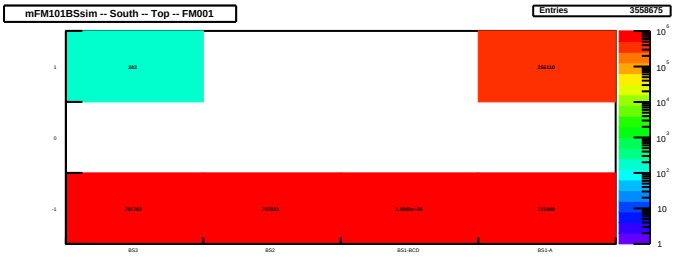
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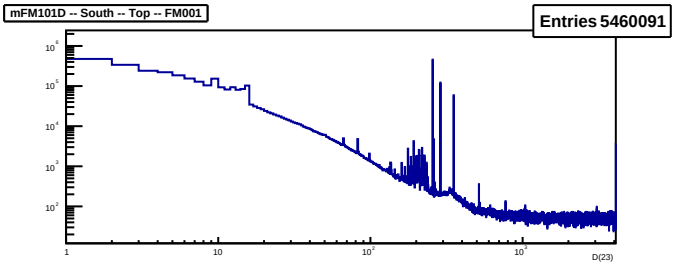
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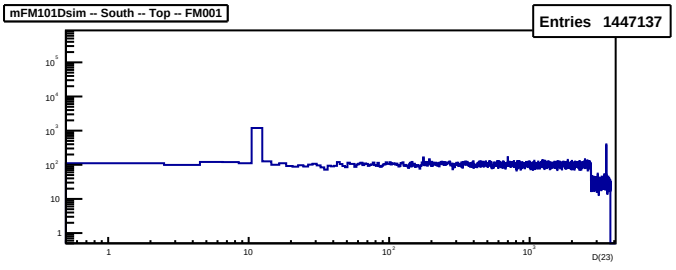
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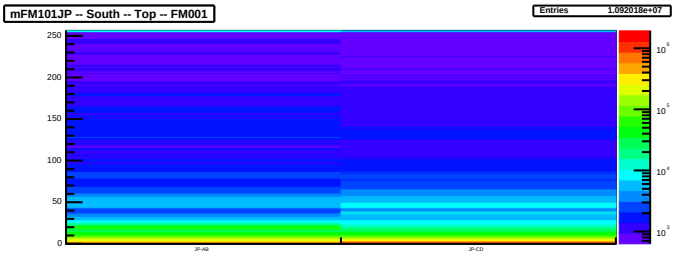
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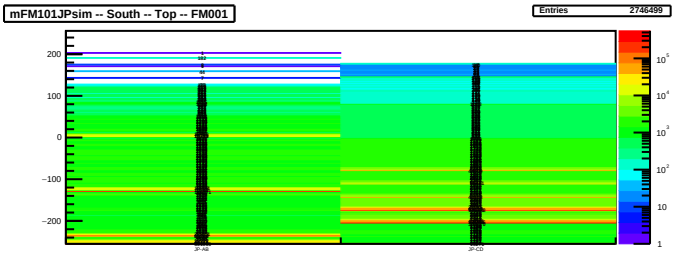
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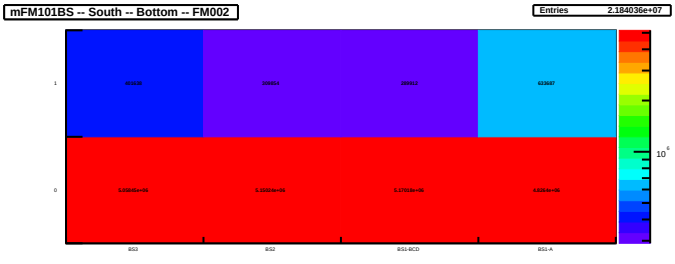
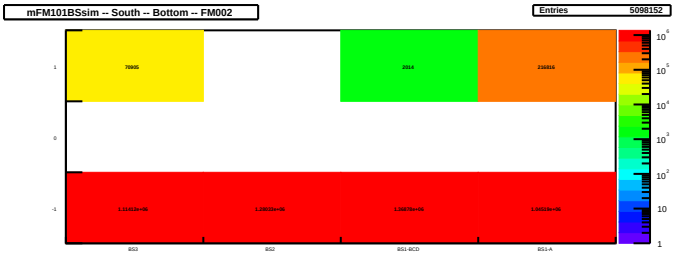

mFM101BS -- South -- Bottom -- FM002
Entries 2.184036e+07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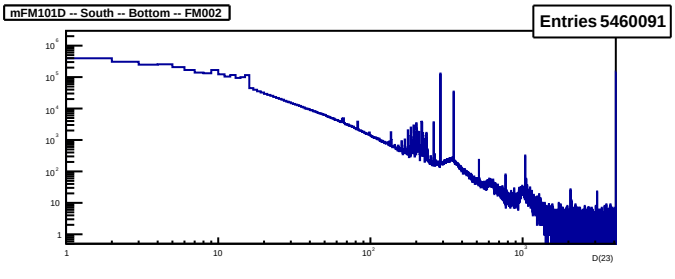
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Entries 5460091
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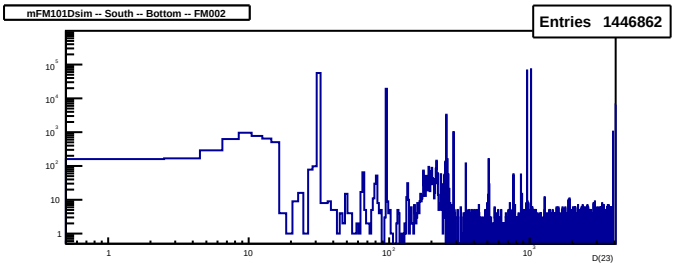
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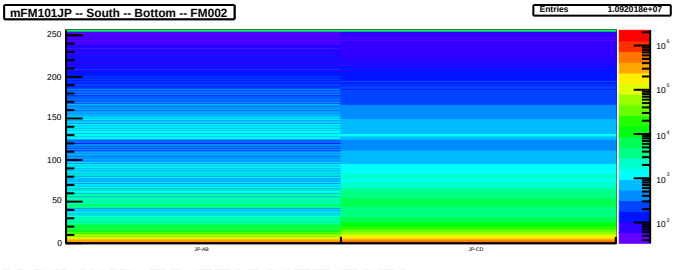
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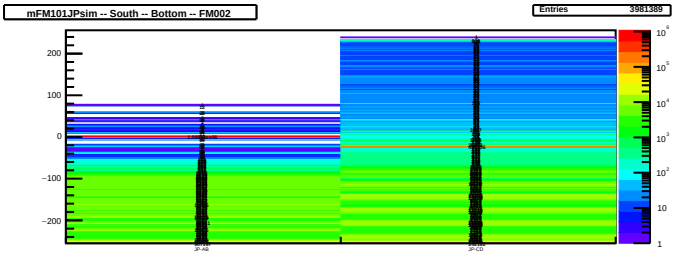
Entries 1.092018e+07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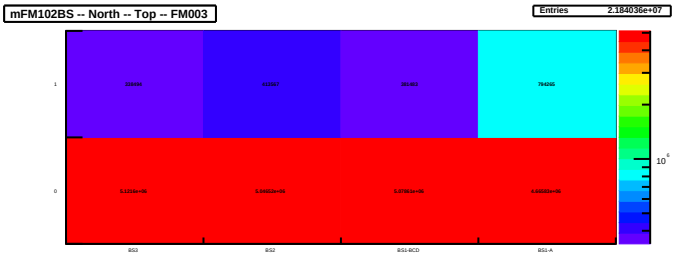
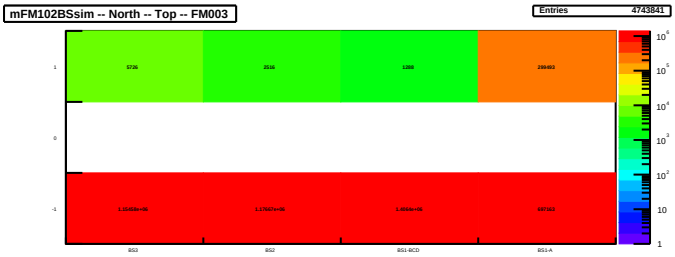

mFM102BS -- North -- Top -- FM003
Entries 2.184036e+07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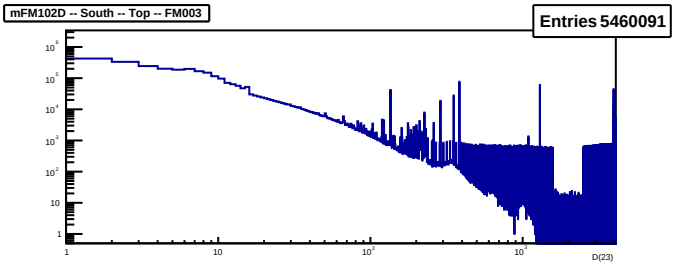
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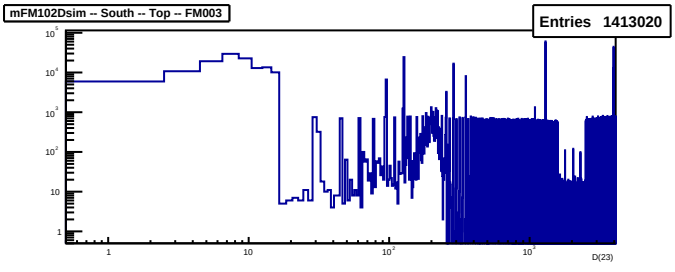
Entries 5460091
D(23)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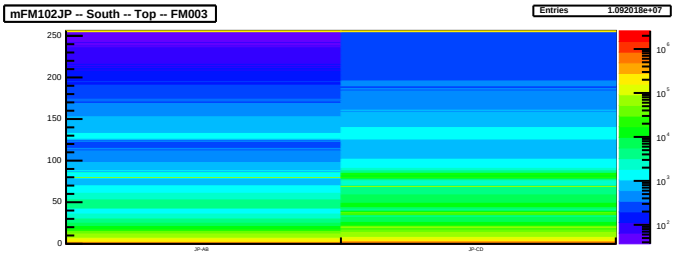
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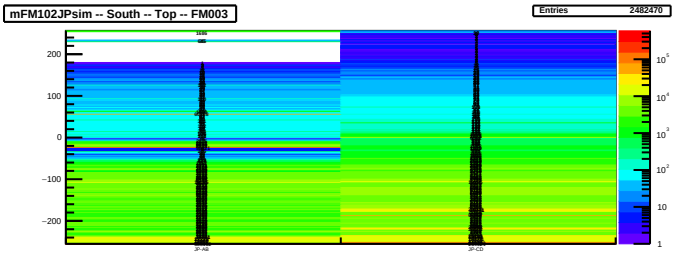
Entries 1.092018e+07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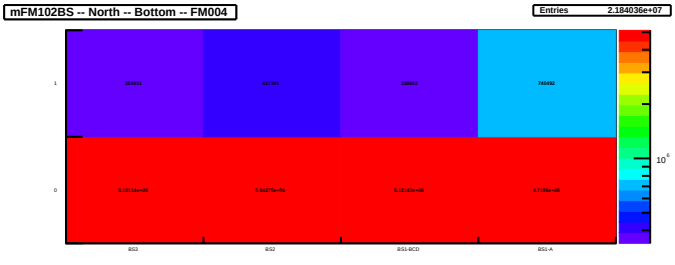
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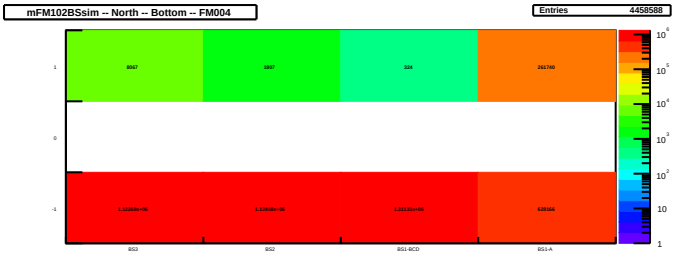
Entries 2.184036e+07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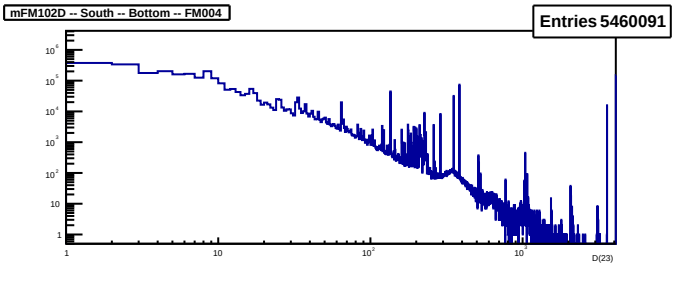
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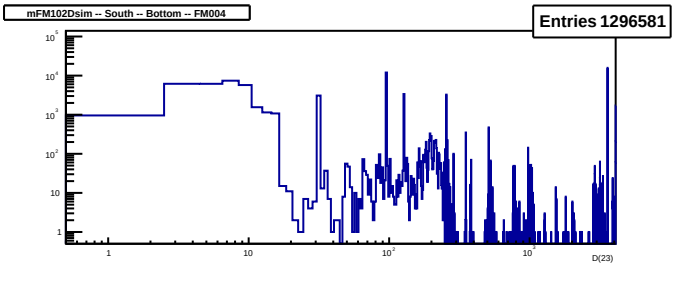
Entries 5460091
D(23)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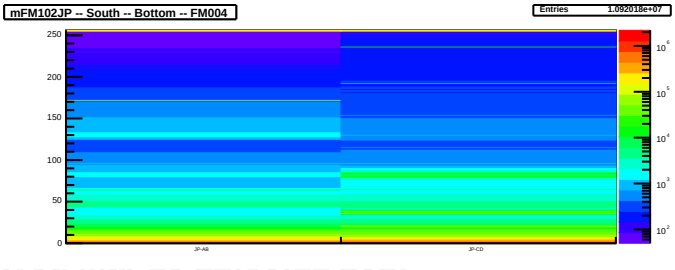
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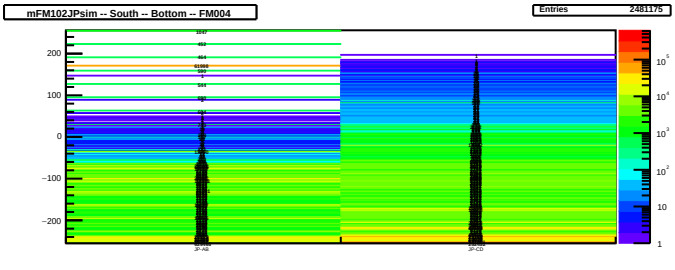
Entries 1.092018e+07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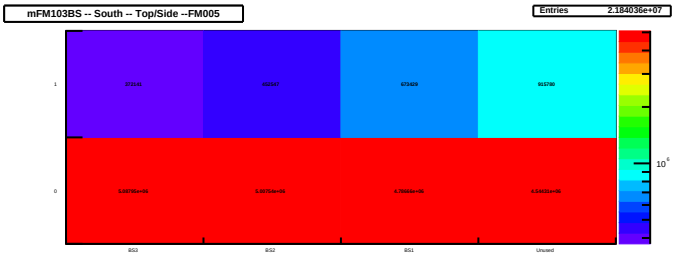
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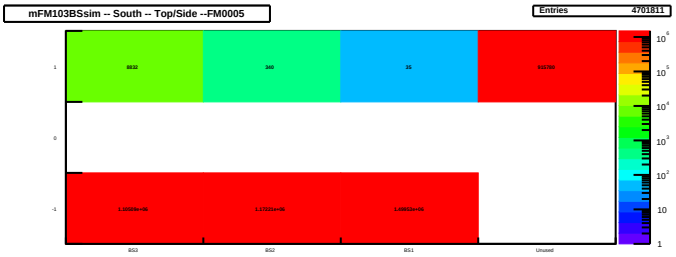
Entries 2.184036e+07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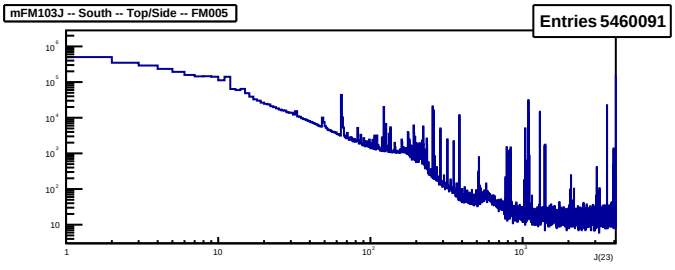
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Entries 5460091
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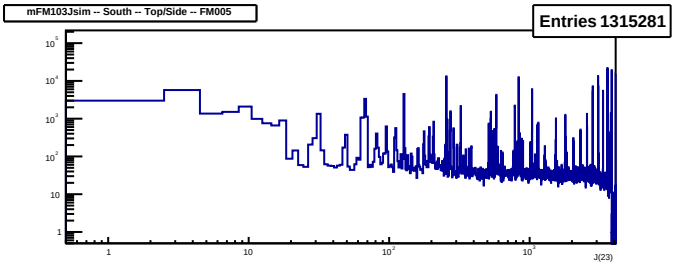
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Entries 1315281
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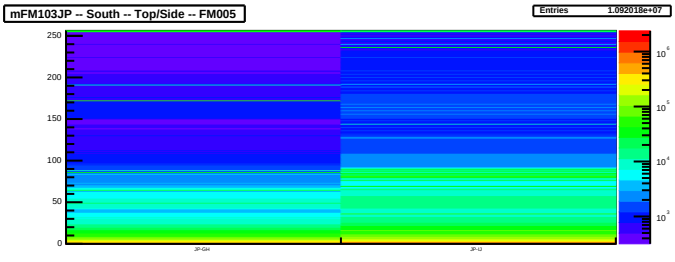
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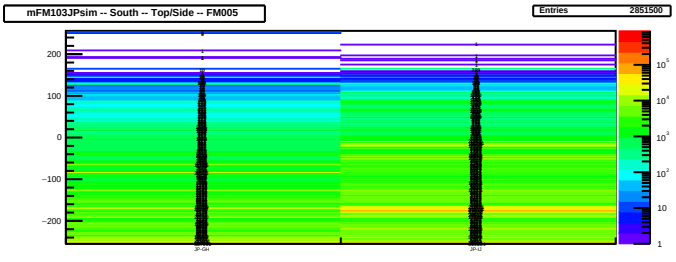
Entries 1.092018e+07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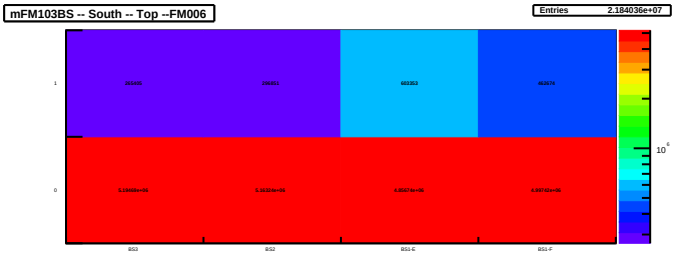
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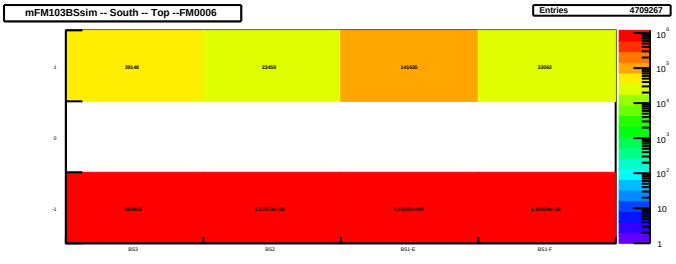
Entries 2.184036e+07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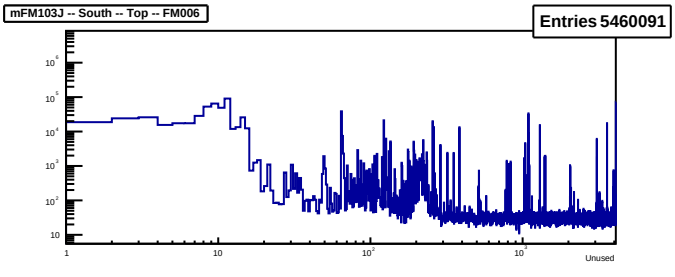
Entries 4709267


mFM103J -- South -- Top -- FM006
Entries 5460091
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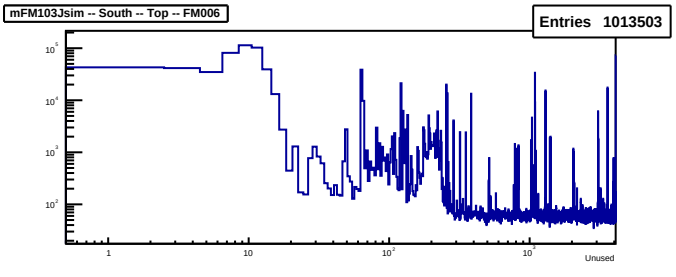
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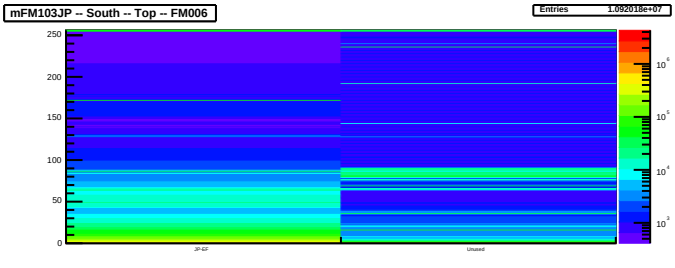
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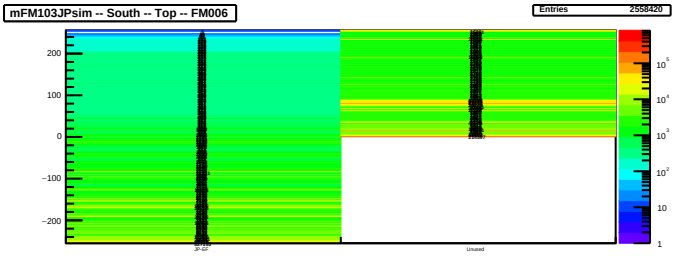
Entries 1.092018e+07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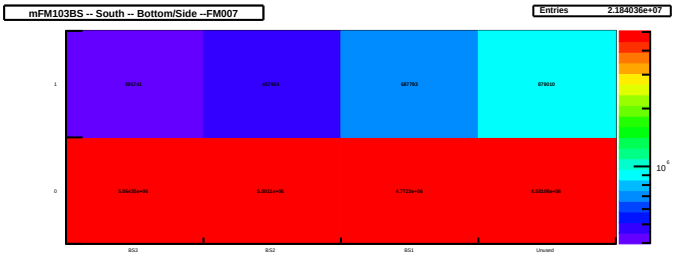
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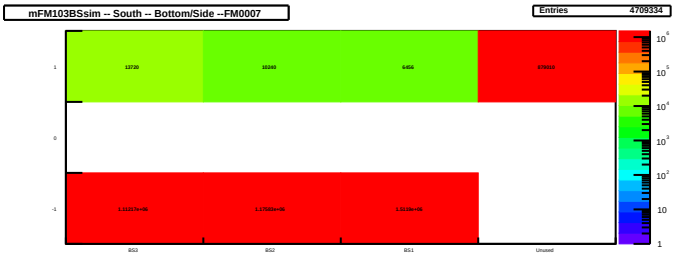
Entries 2.184036e+07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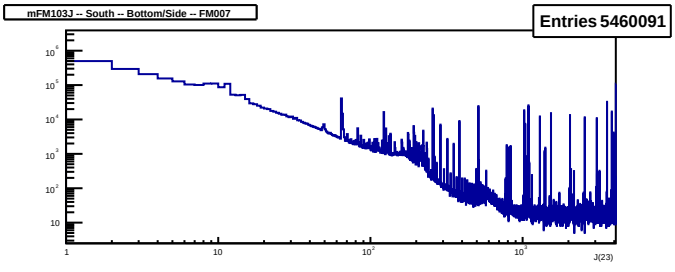
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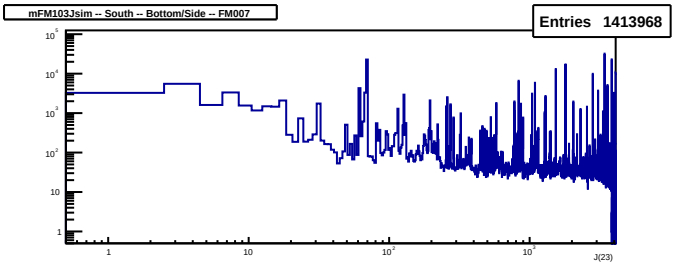
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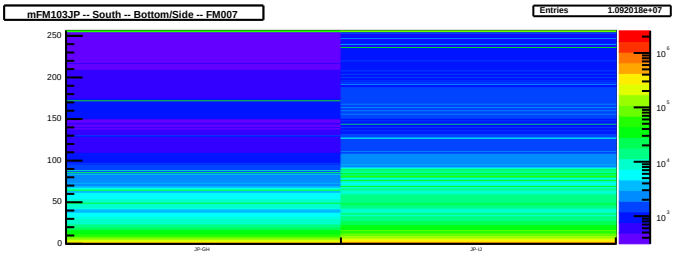
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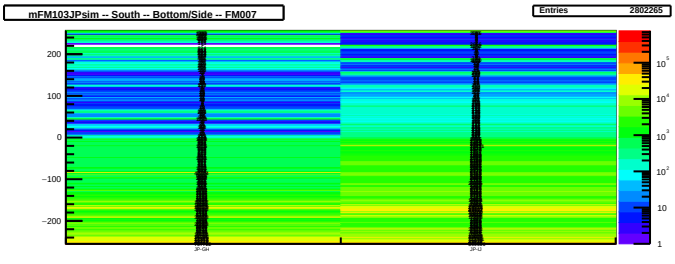
Entries 1.092018e+07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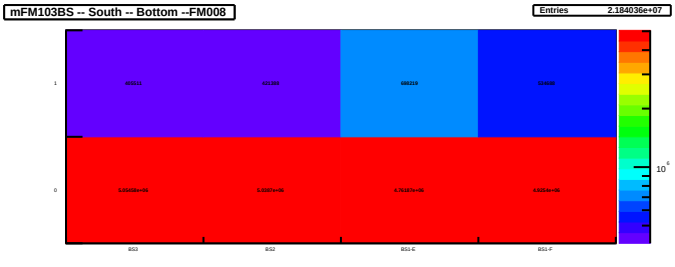
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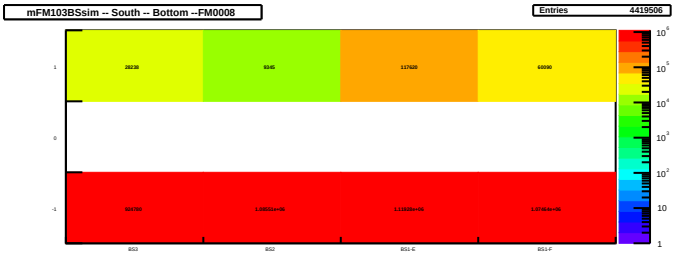
Entries 2.184036e+07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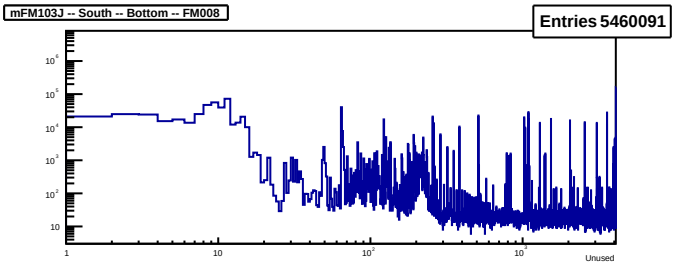
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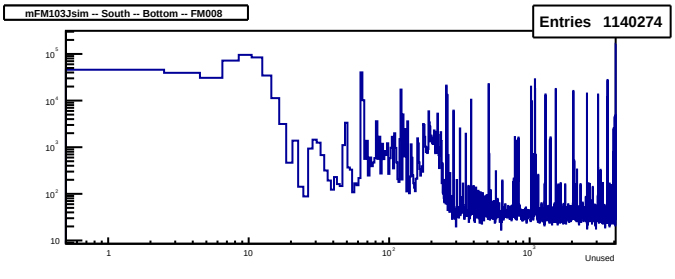
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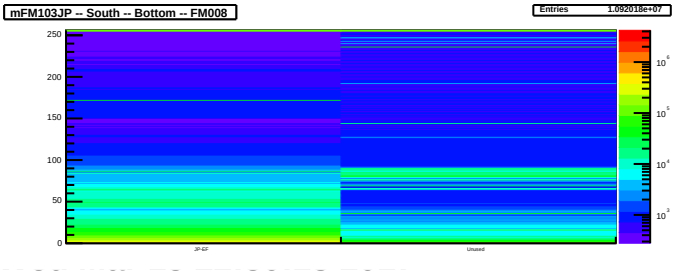
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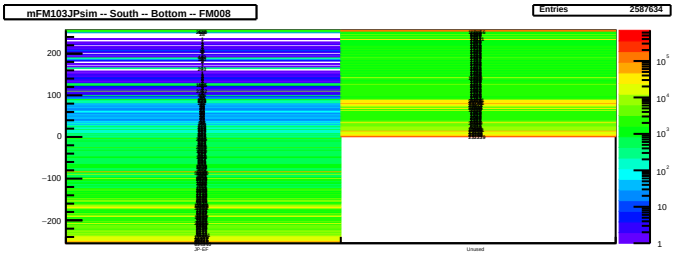
Entries 1.092018e+07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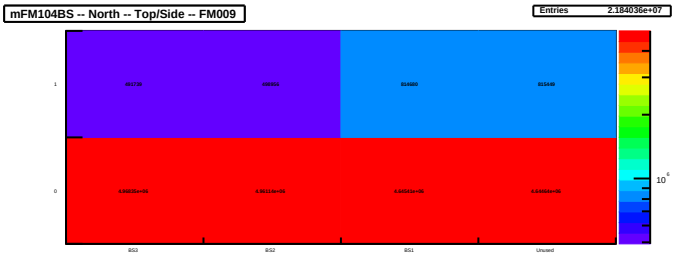
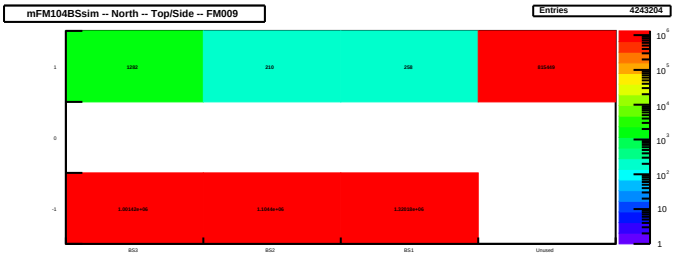
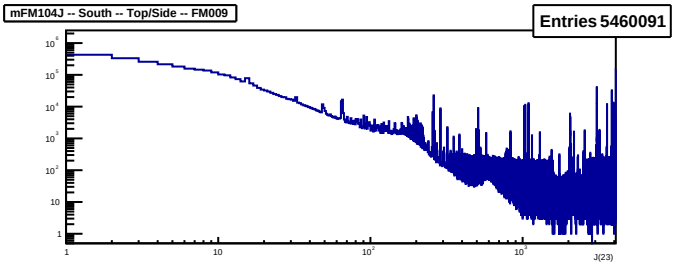
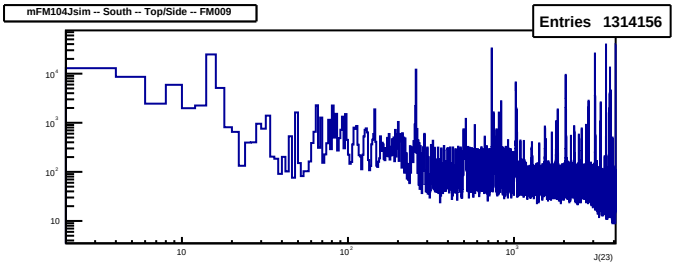
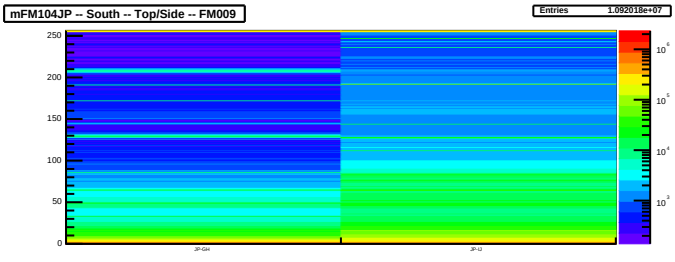
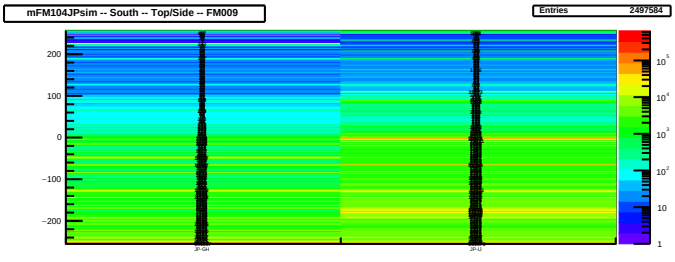

mFM104BS -- North -- Top/Side -- FM009
Entries 2.184036e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4243204


mFM104J -- South -- Top/Side -- FM009
Entries 5460091
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1314156
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.092018e+07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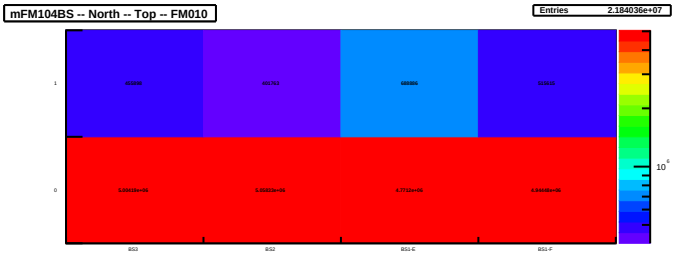
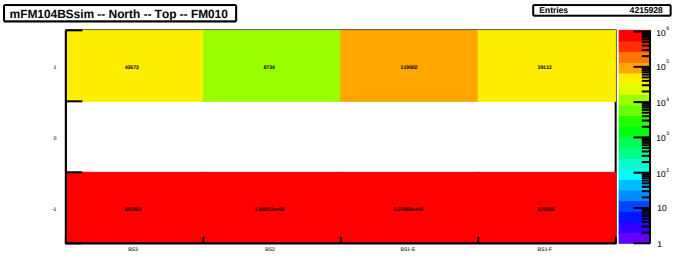
Entries 2497584


mFM104BS -- North -- Top -- FM010
Entries 2.184036e+07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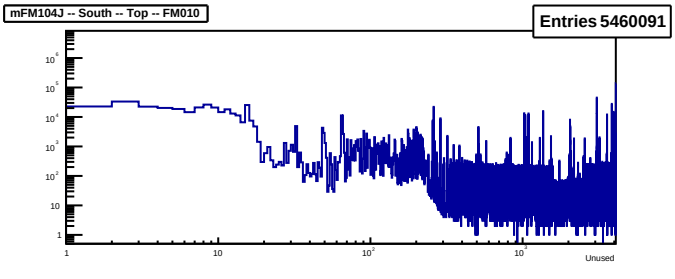
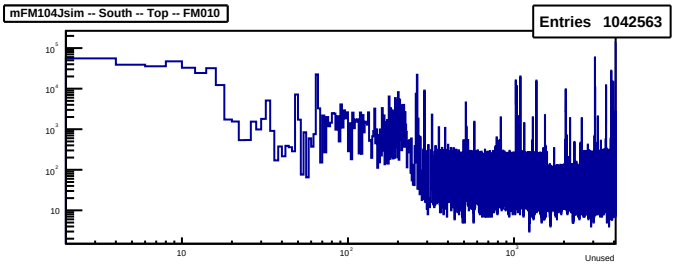
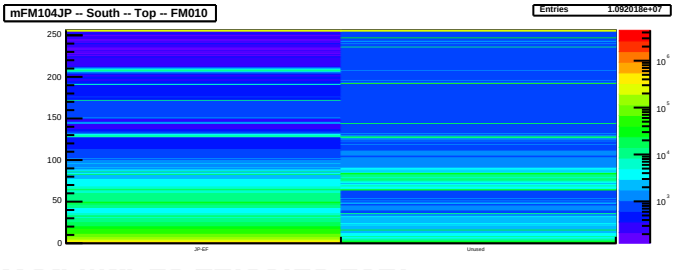
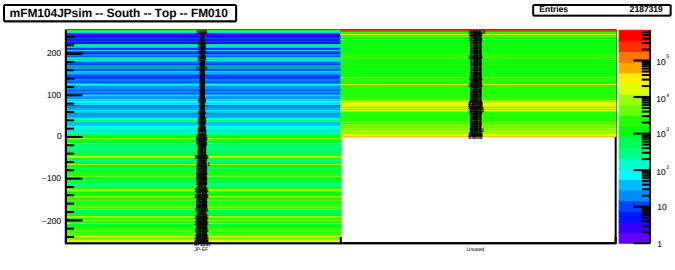
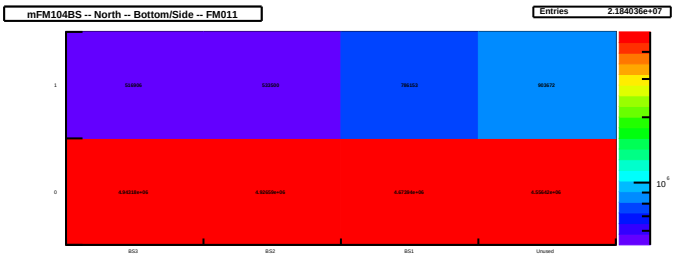
Entries 4215928

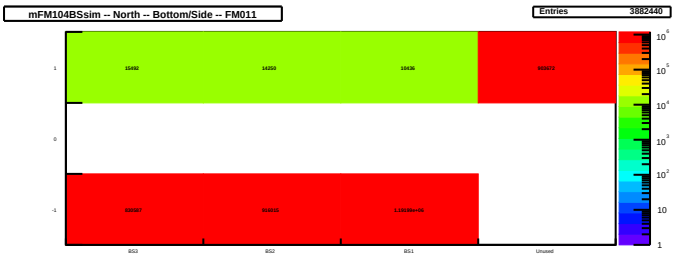

mFM104J -- South -- Top -- FM010
Entries 5460091
Unused

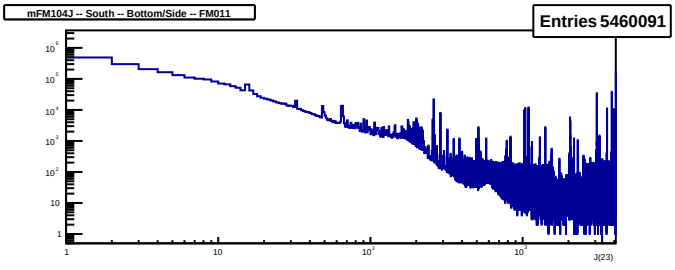

mFM104Jsim -- South -- Top -- FM010
Entries 1042563
Unused

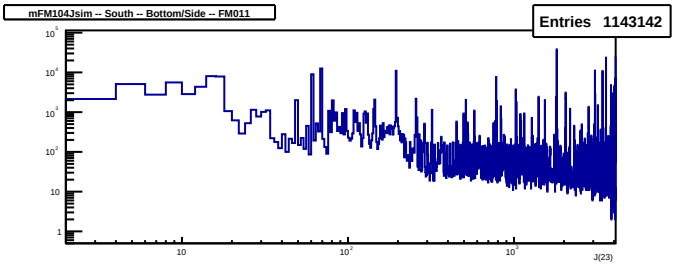

mFM104JP -- South -- Top -- FM010
Entries 1.092018e+07

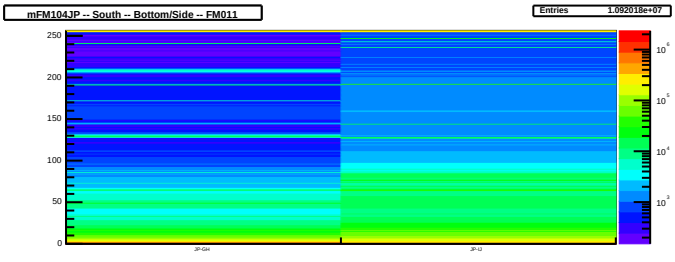

mFM104JPsim -- South -- Top -- FM010
Entries 2187319

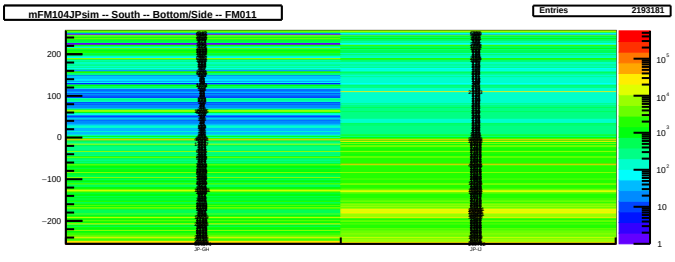

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.184036e+07

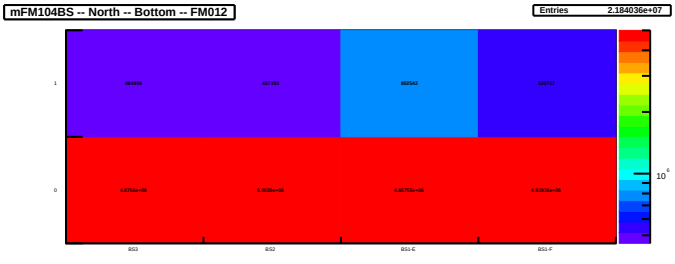

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3882440

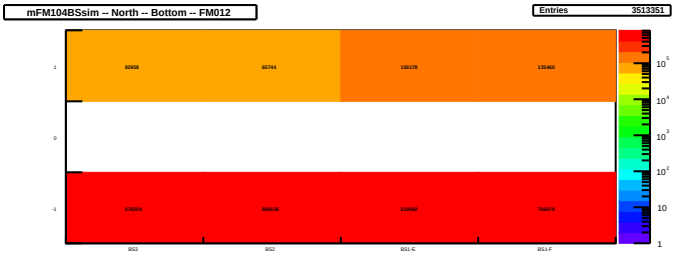

mFM104J -- South -- Bottom/Side -- FM011
Entries 5460091
J(23)

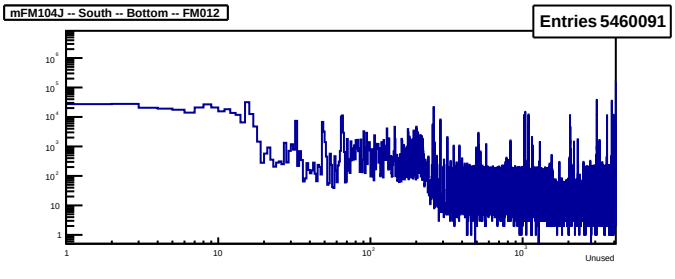

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1143142
J(23)

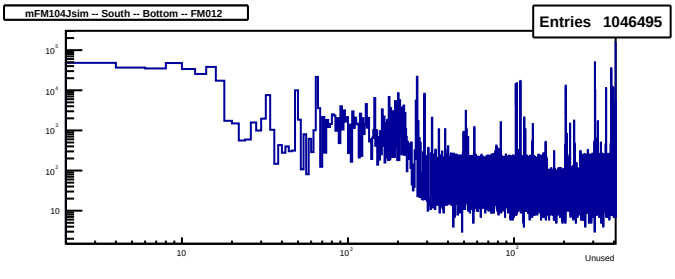

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.092018e+07

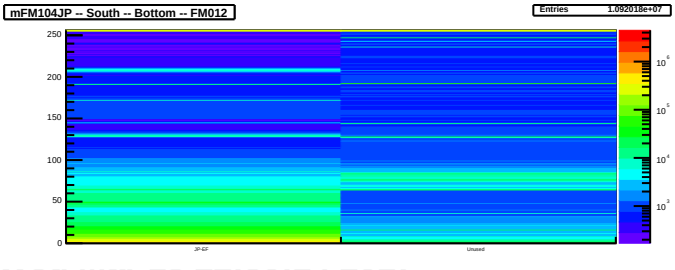

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2193181

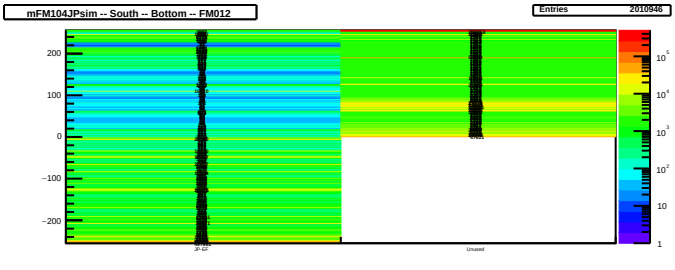

mFM104BS -- North -- Bottom -- FM012
Entries 2.184036e+07

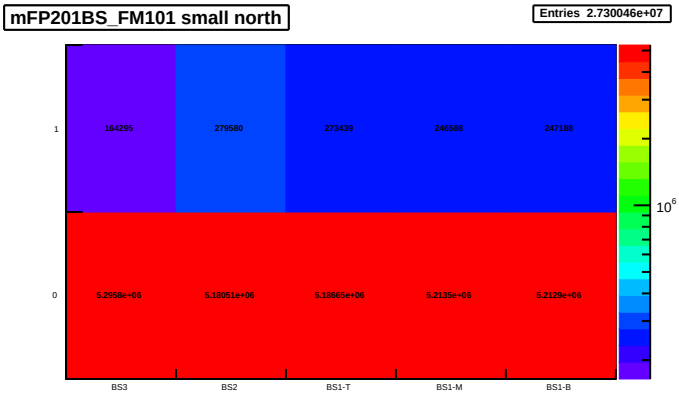

mFM104BSsim -- North -- Bottom -- FM012
Entries 3513351

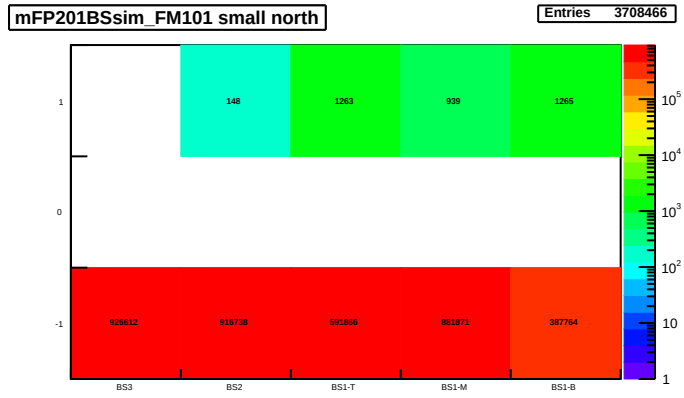

mFM104J -- South -- Bottom -- FM012
Entries 5460091
Unused

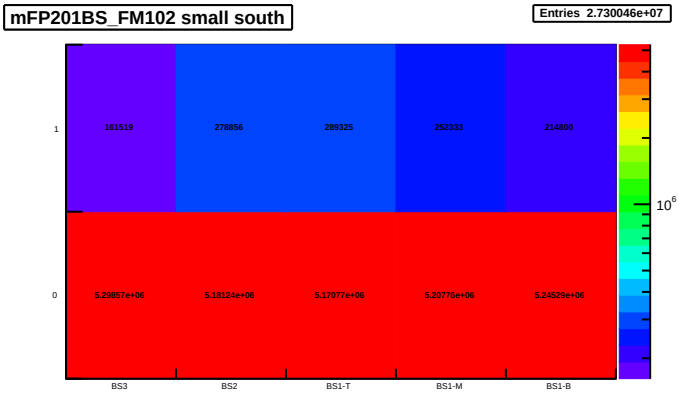

mFM104Jsim -- South -- Bottom -- FM012
Entries 1046495
Unused

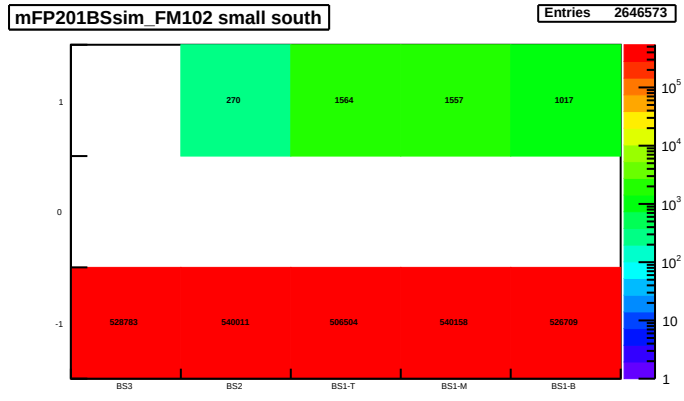

mFM104JP -- South -- Bottom -- FM012
Entries 1.092018e+07

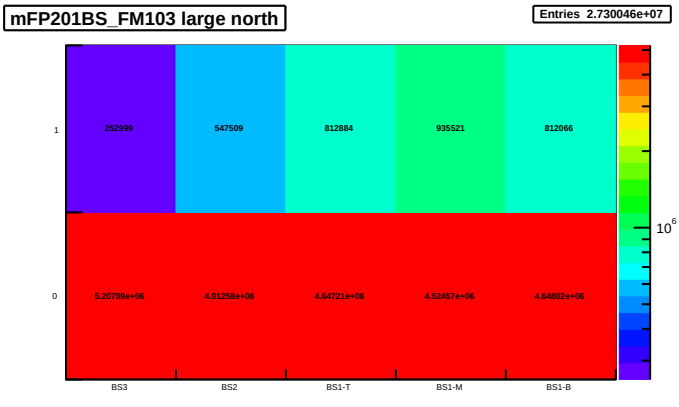

mFM104JPsim -- South -- Bottom -- FM012
Entries 2010946

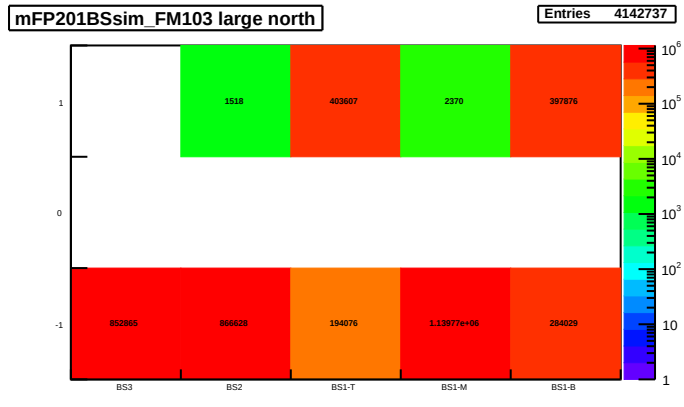

mFP201BS_FM101 small north
Entries 2.730046e+07
1
0
164295
279580
273439
246588
247188
5.2958e+06
5.18051e+06
5.18665e+06
5.2135e+06
5.2129e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

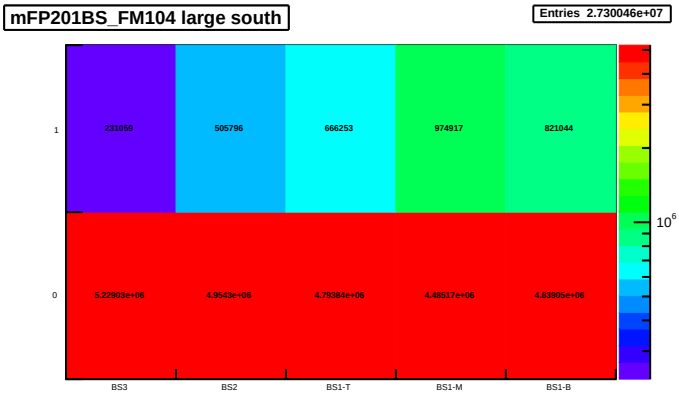

mFP201BSsim_FM101 small north
Entries 3708466
1
0
-1
148
1263
939
1265
926612
916738
591866
881871
387764
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

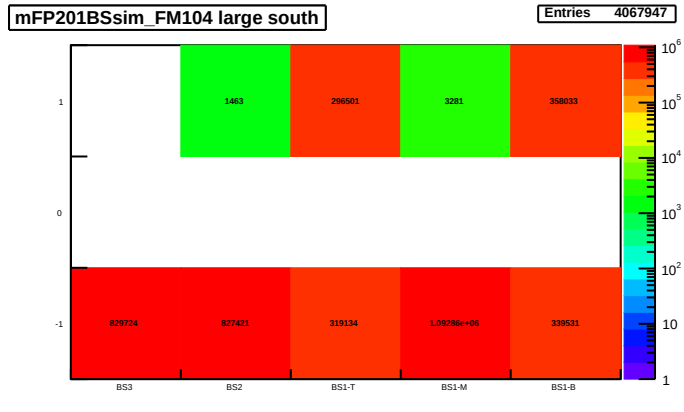

mFP201BS_FM102 small south
Entries 2.730046e+07
1
0
161519
278856
289325
252333
214800
5.29857e+06
5.18124e+06
5.17077e+06
5.20776e+06
5.24529e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

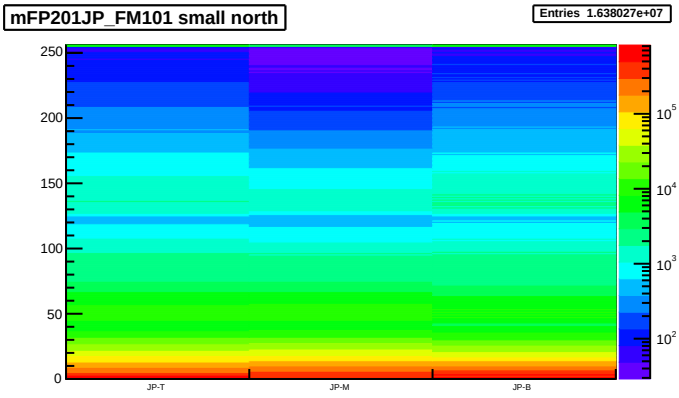

mFP201BSsim_FM102 small south
Entries 2646573
1
0
-1
270
1564
1557
1017
528783
540011
506504
540158
526709
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

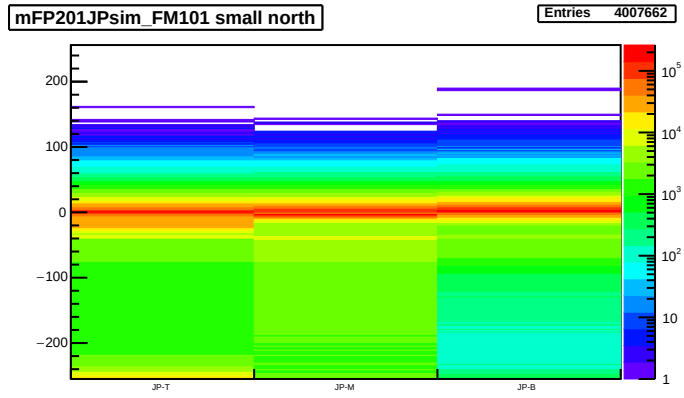

mFP201BS_FM103 large north
Entries 2.730046e+07
1
0
252999
547509
812884
935521
812066
5.20709e+06
4.91258e+06
4.64721e+06
4.52457e+06
4.64802e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

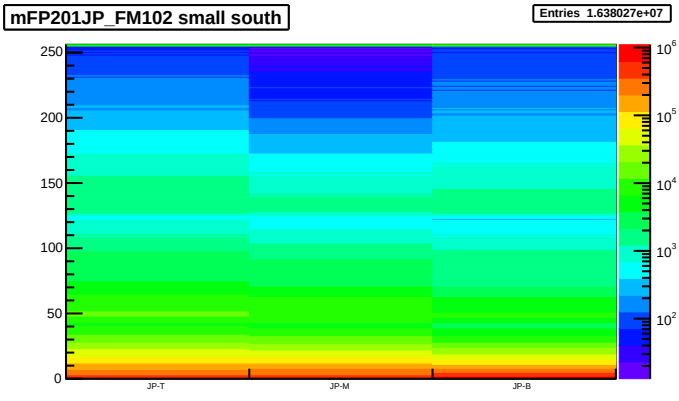

mFP201BSsim_FM103 large north
Entries 4142737
1
0
-1
1518
403607
2370
397876
852865
866628
194076
1.13977e+06
284029
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

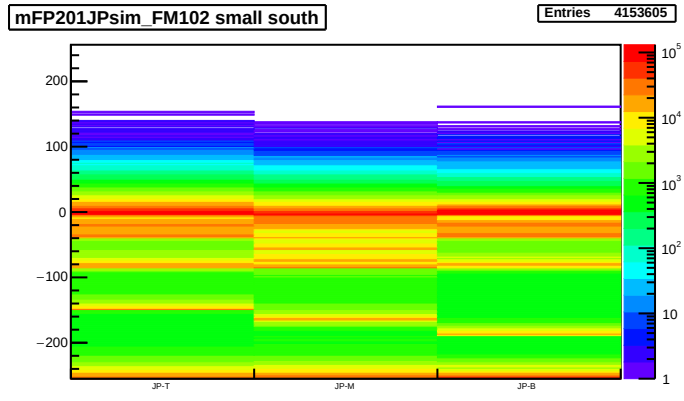

mFP201BS_FM104 large south
Entries 2.730046e+07
1
0
231059
505796
666253
974917
821044
5.22903e+06
4.9543e+06
4.79384e+06
4.48517e+06
4.63905e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

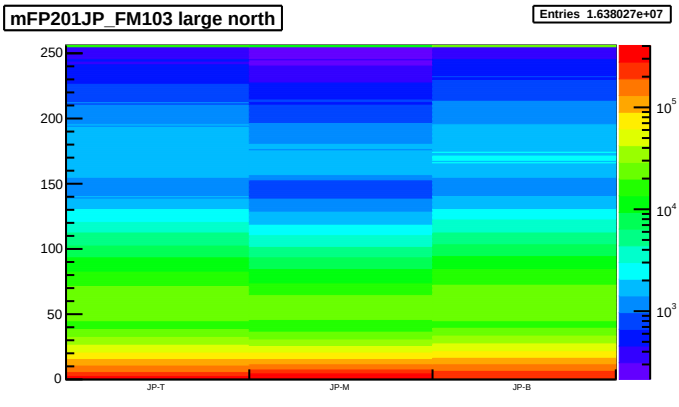

mFP201BSsim_FM104 large south
Entries 4067947
1
0
-1
1463
296501
3281
358033
829724
827421
319134
1.09286e+06
339531
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

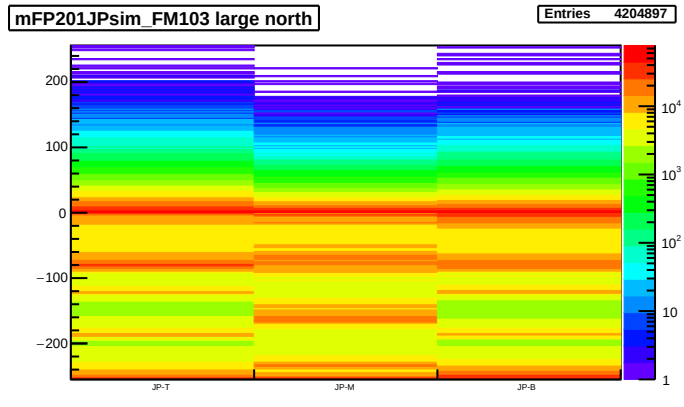

mFP201JP_FM101 small north
Entries 1.638027e+07
JP-T
JP-M
JP-B

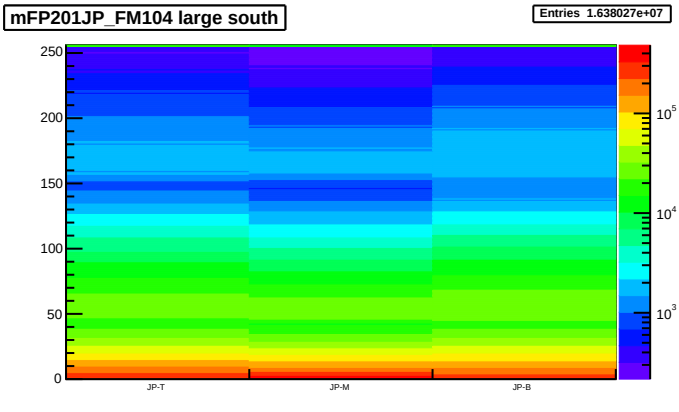

mFP201JPsim_FM101 small north
Entries 4007662
JP-T
JP-M
JP-B

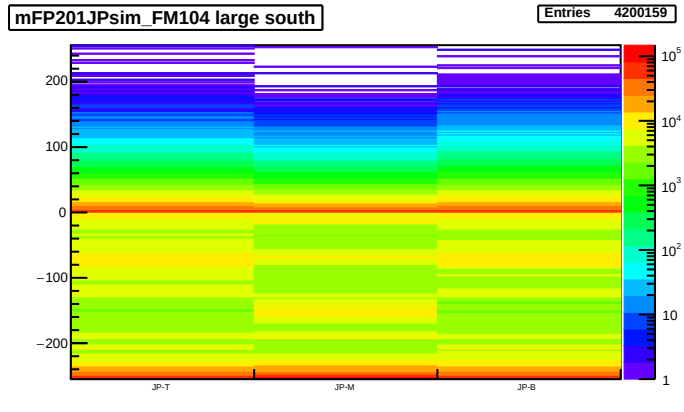

mFP201JP_FM102 small south
Entries 1.638027e+07
JP-T
JP-M
JP-B

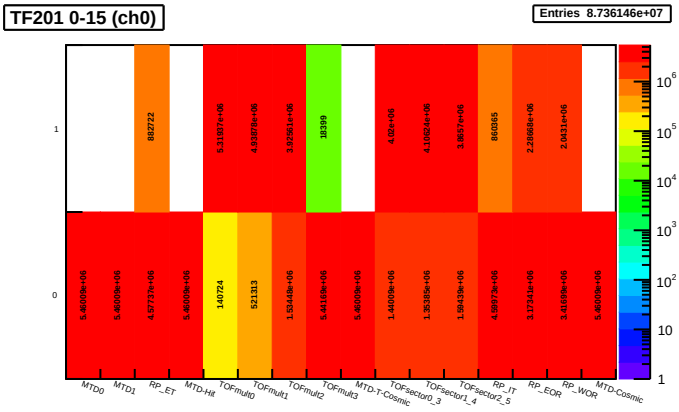

mFP201JPsim_FM102 small south
Entries 4153605
JP-T
JP-M
JP-B

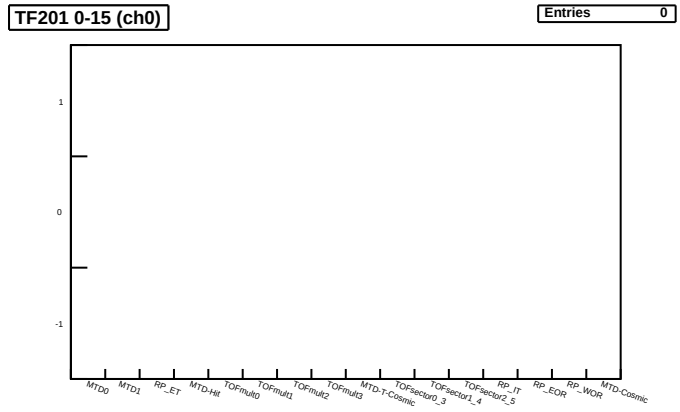

mFP201JP_FM103 large north
Entries 1.638027e+07
JP-T
JP-M
JP-B

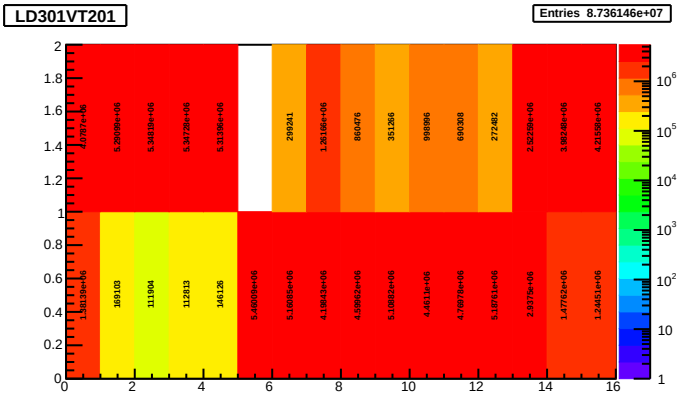

mFP201JPsim_FM103 large north
Entries 4204897
JP-T
JP-M
JP-B

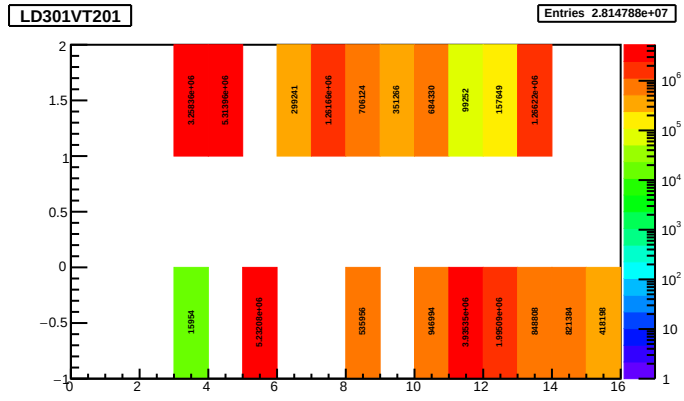

mFP201JP_FM104 large south
Entries 1.638027e+07
JP-T
JP-M
JP-B

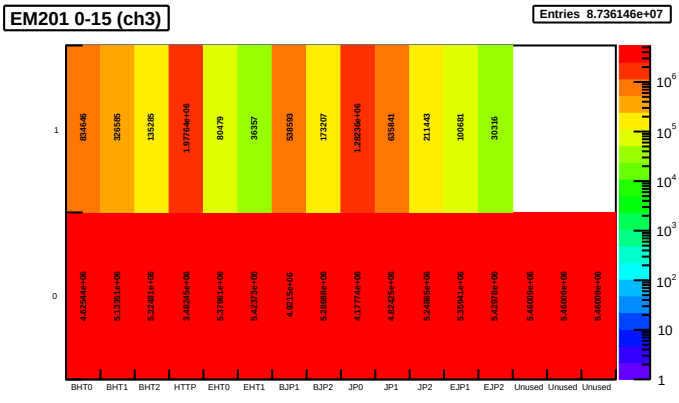

mFP201JPsim_FM104 large south
Entries 4200159
JP-T
JP-M
JP-B

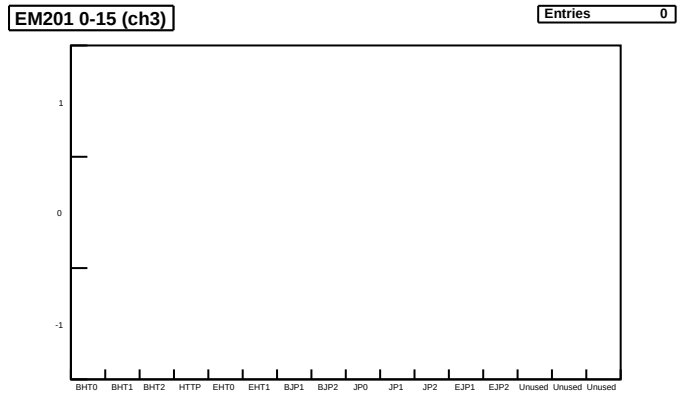

TF201 0-15 (ch0)
Entries 8.736146e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

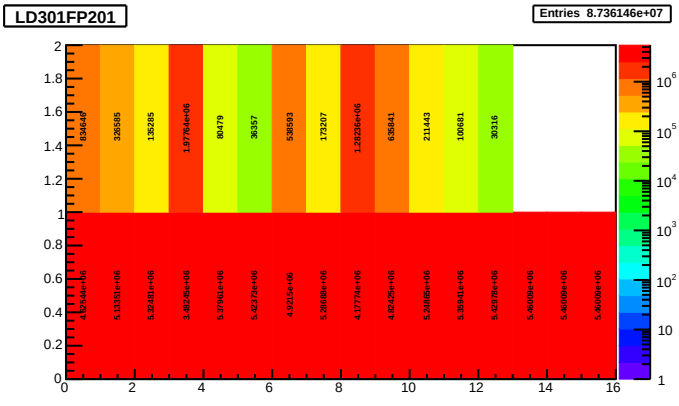

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

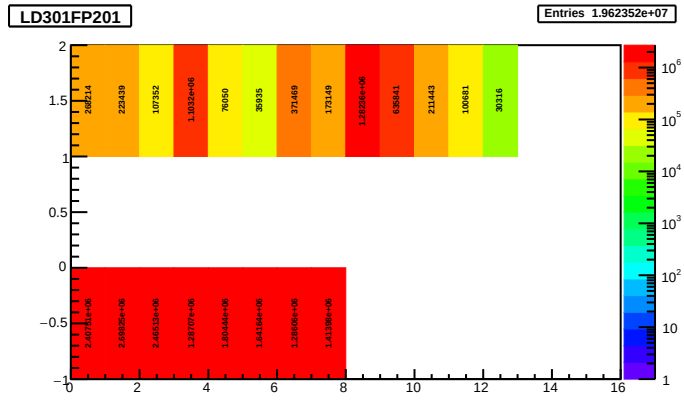

LD301VT201
Entries 8.736146e+07


LD301VT201
Entries 2.814788e+07


EM201 0-15 (ch3)
Entries 8.736146e+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 8.736146e+07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