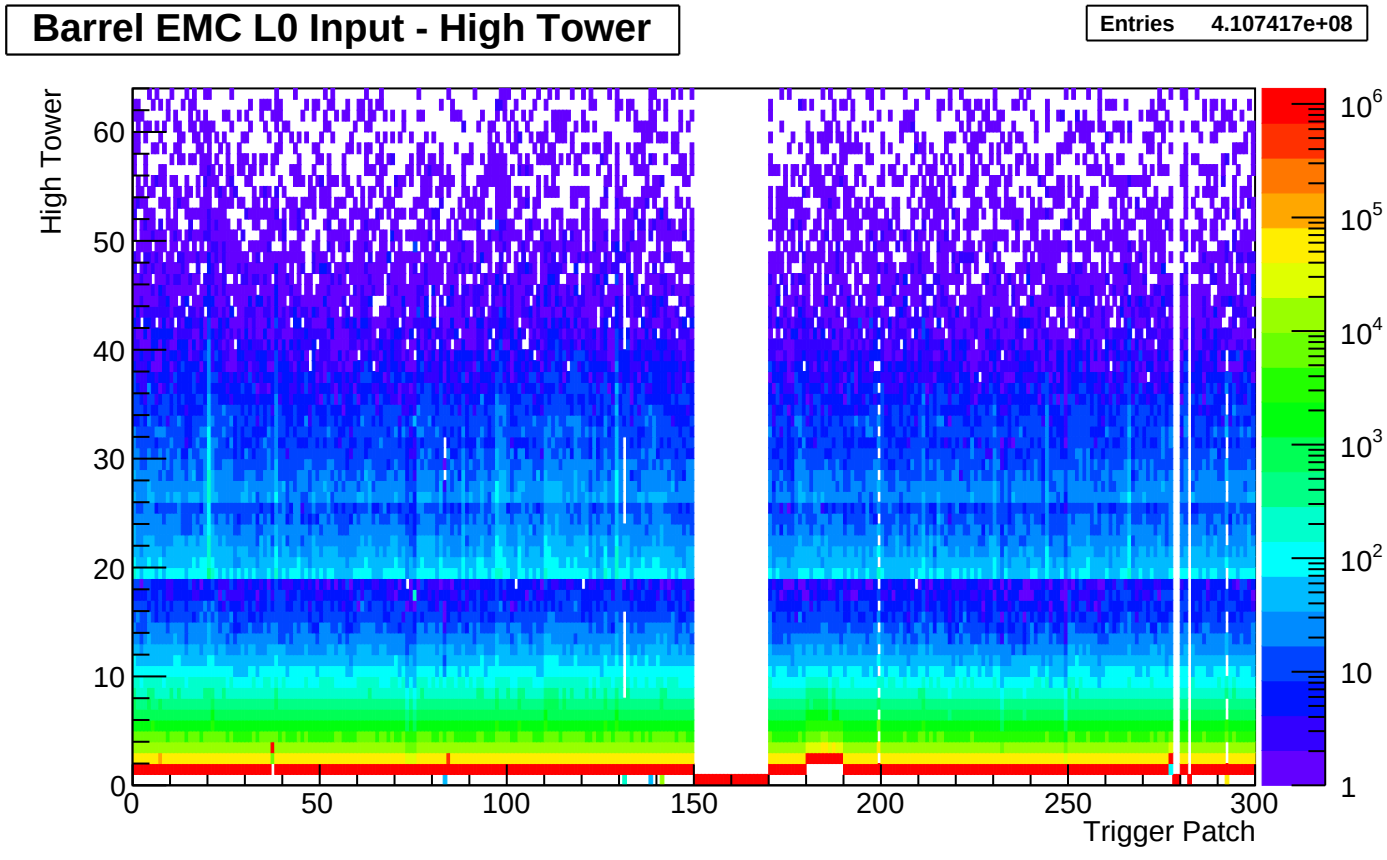
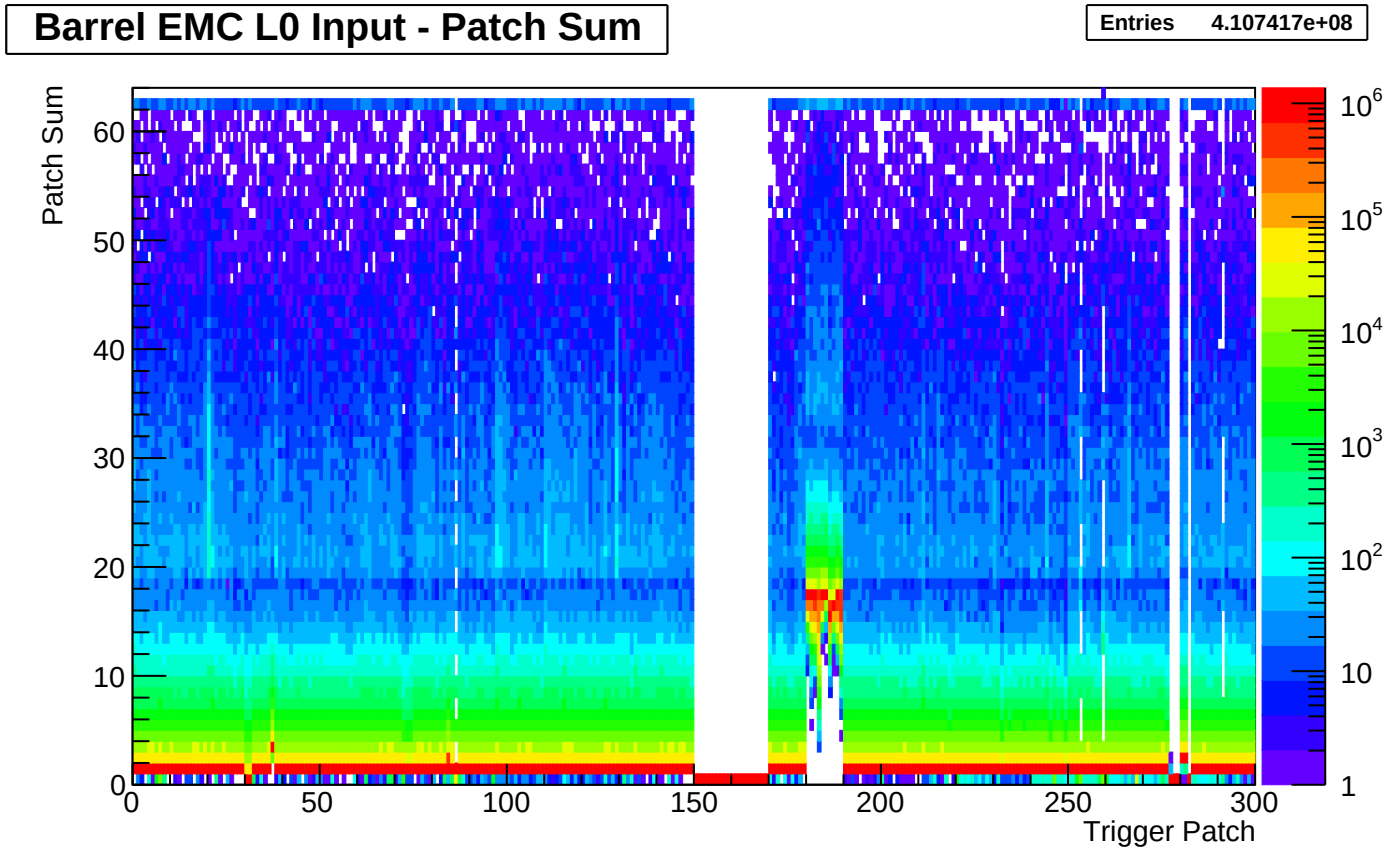
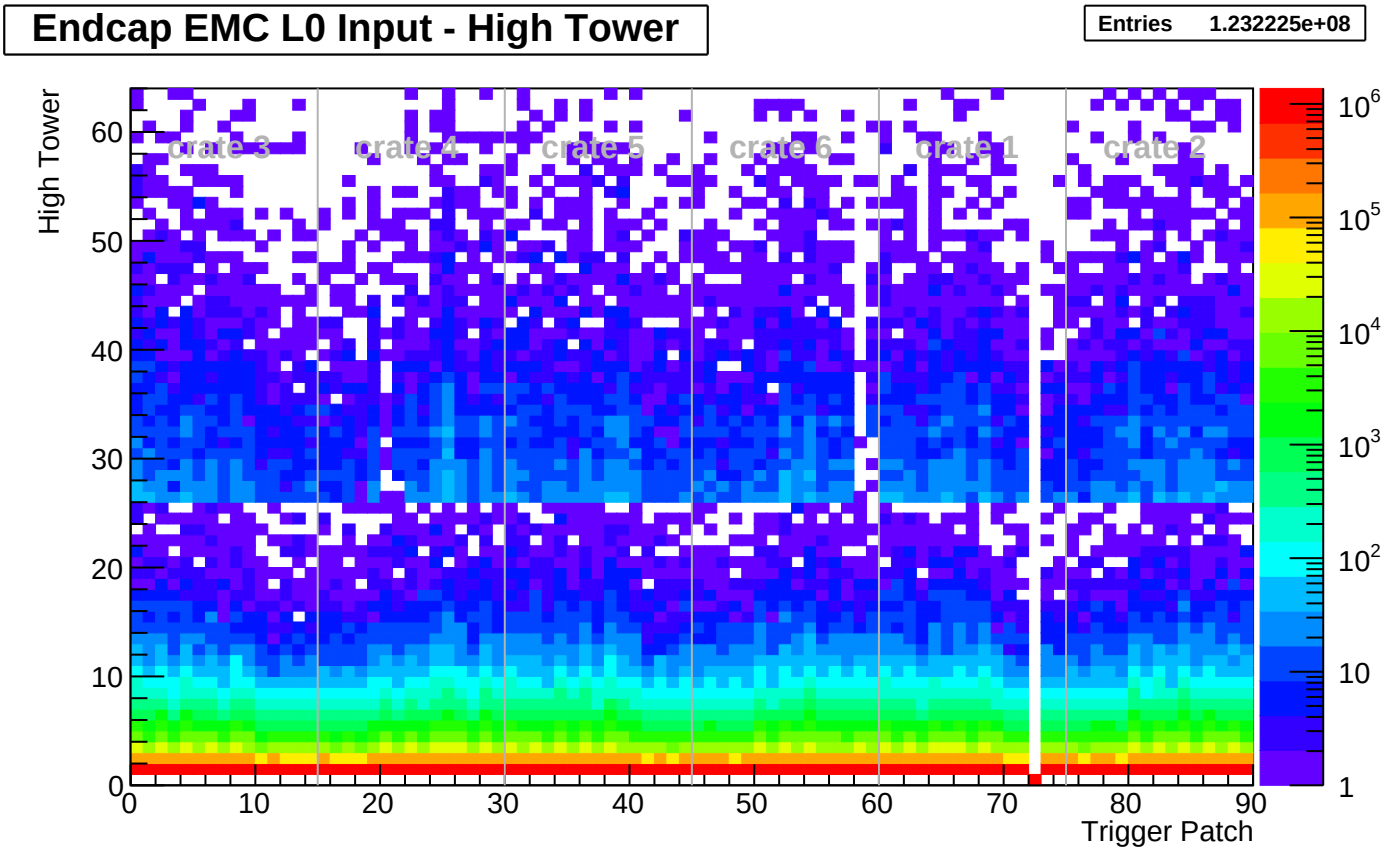
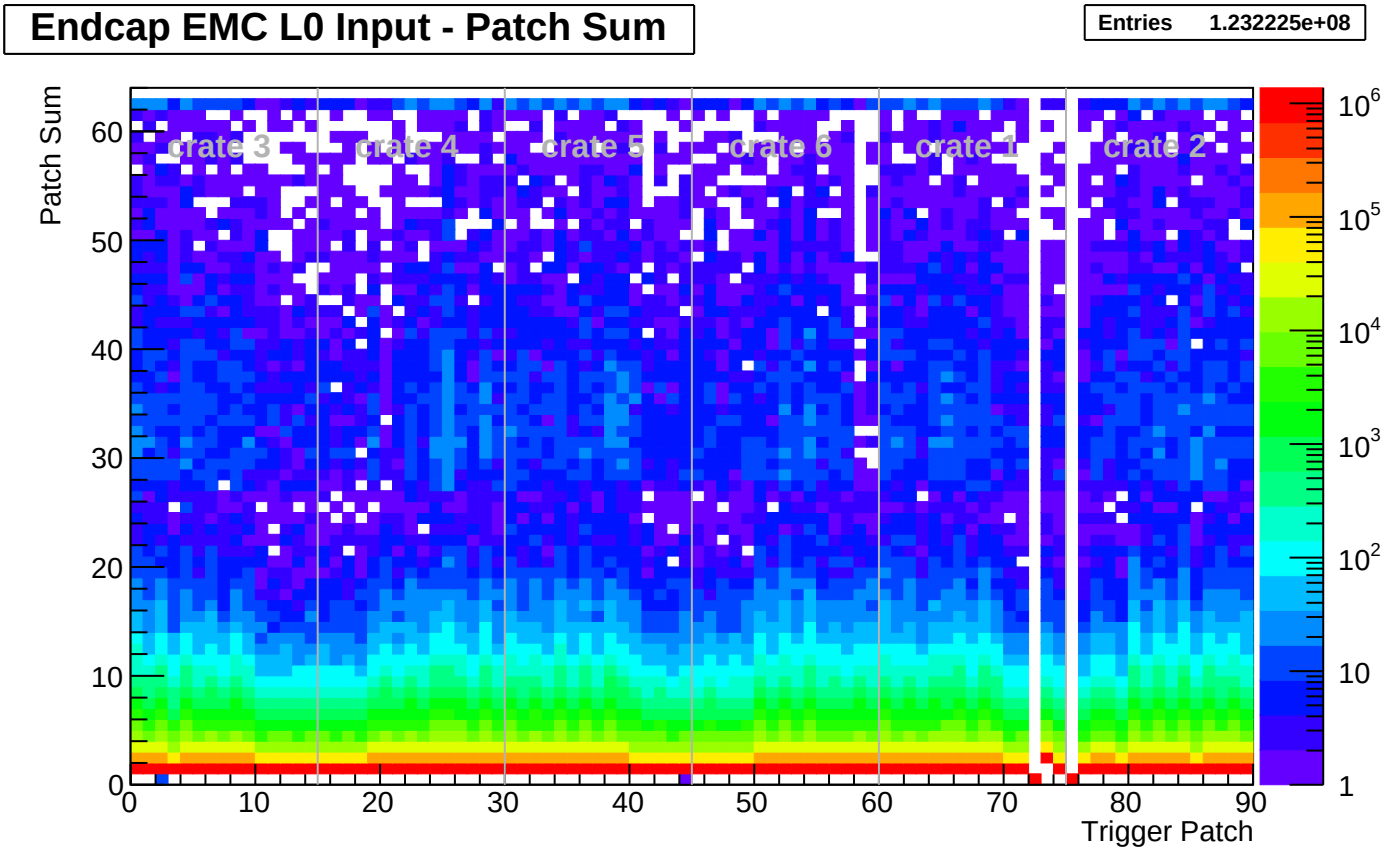
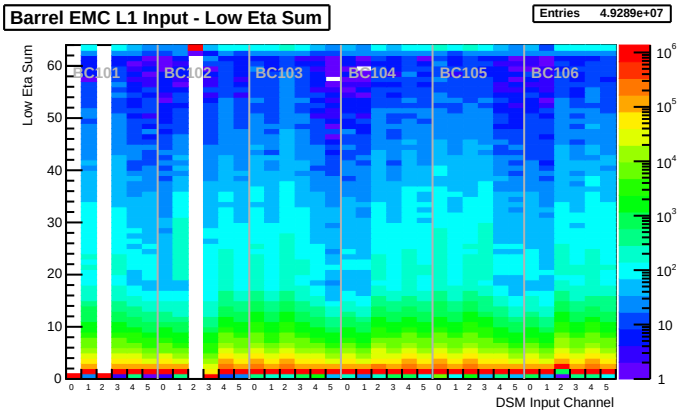
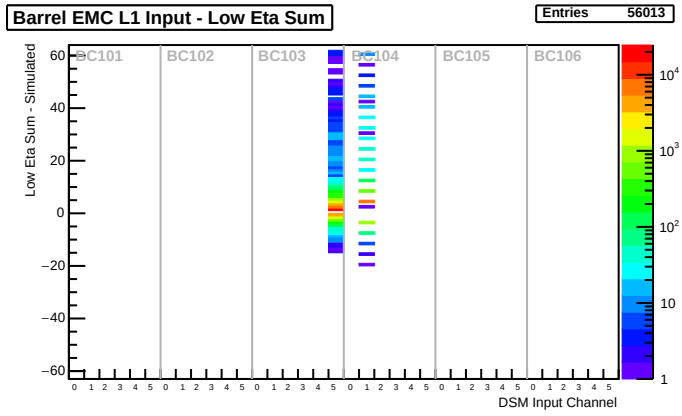

Barrel EMC L0 Input - High Tower
Entries 4.107417e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

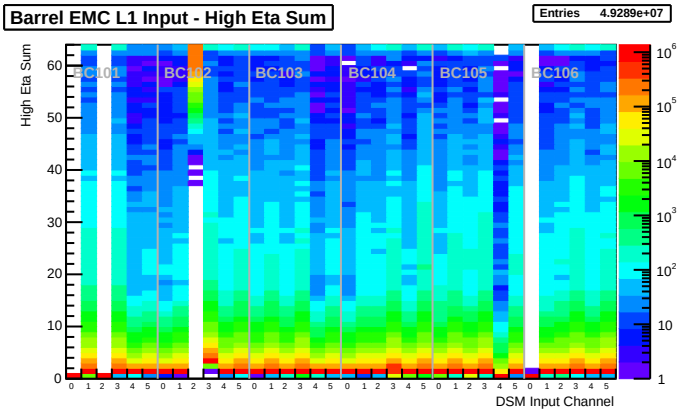

Barrel EMC L0 Input - Patch Sum
Entries 4.107417e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

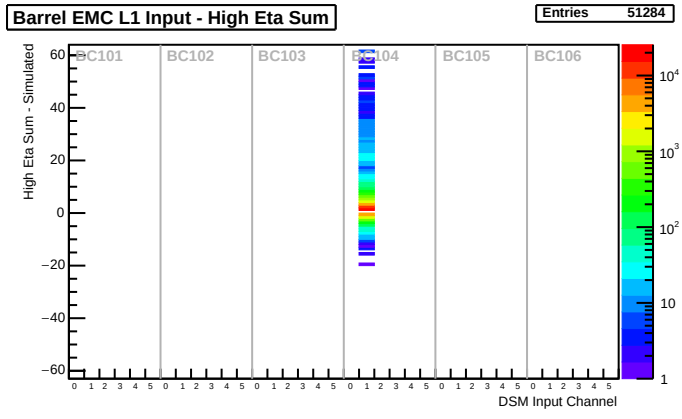

Endcap EMC L0 Input - High Tower
Entries 1.232225e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

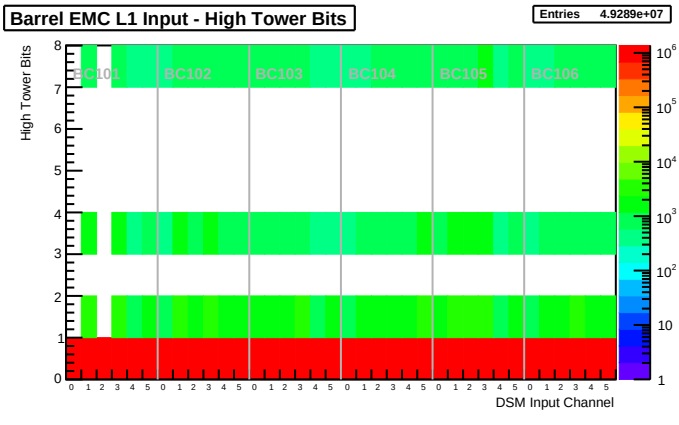

Endcap EMC L0 Input - Patch Sum
Entries 1.232225e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

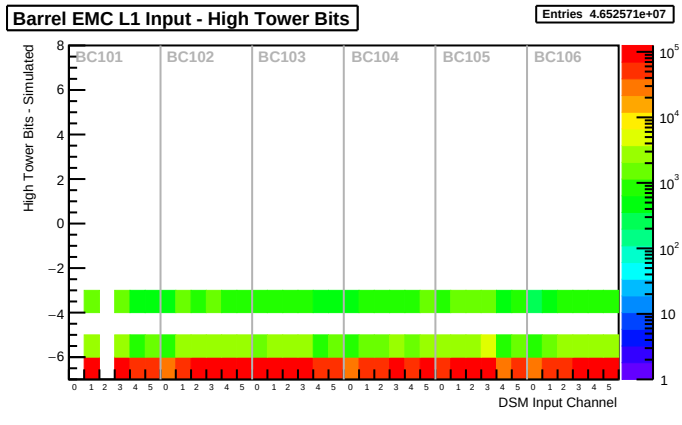

Barrel EMC L1 Input - Low Eta Sum
Entries 4.9289e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

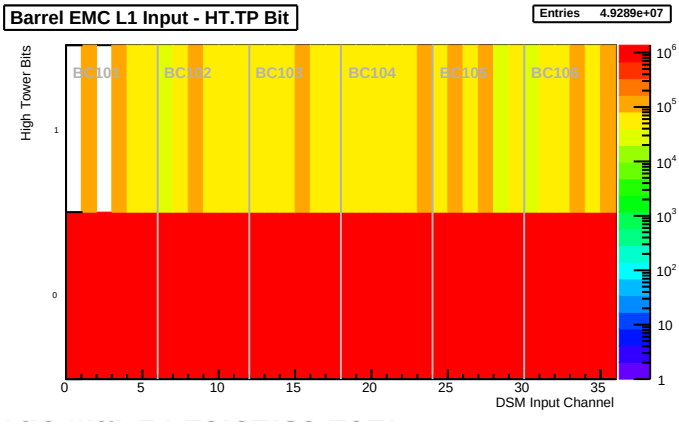

Barrel EMC L1 Input - Low Eta Sum
Entries 56013
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

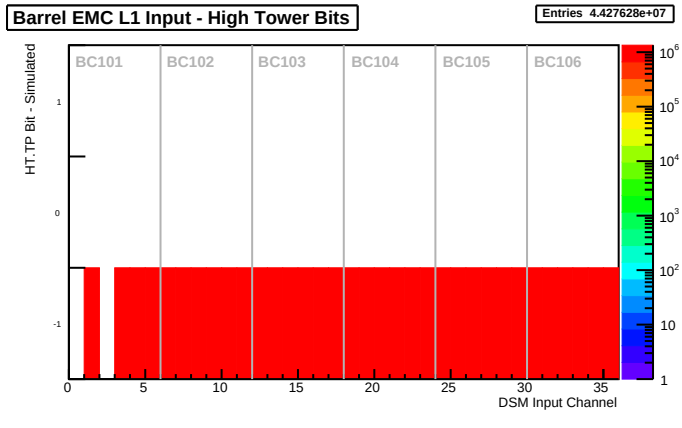

Barrel EMC L1 Input - High Eta Sum
Entries 4.9289e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

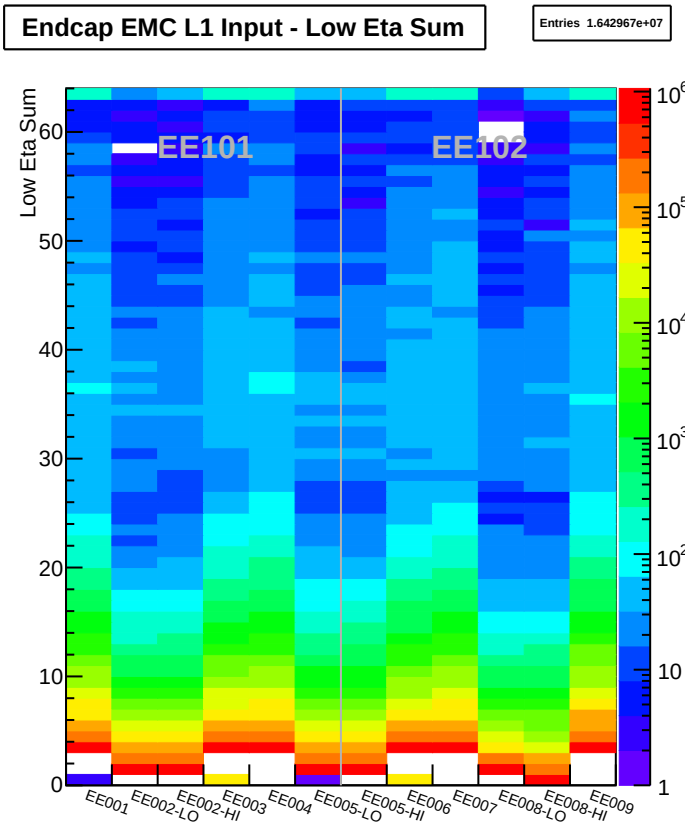

Barrel EMC L1 Input - High Eta Sum
Entries 51284
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

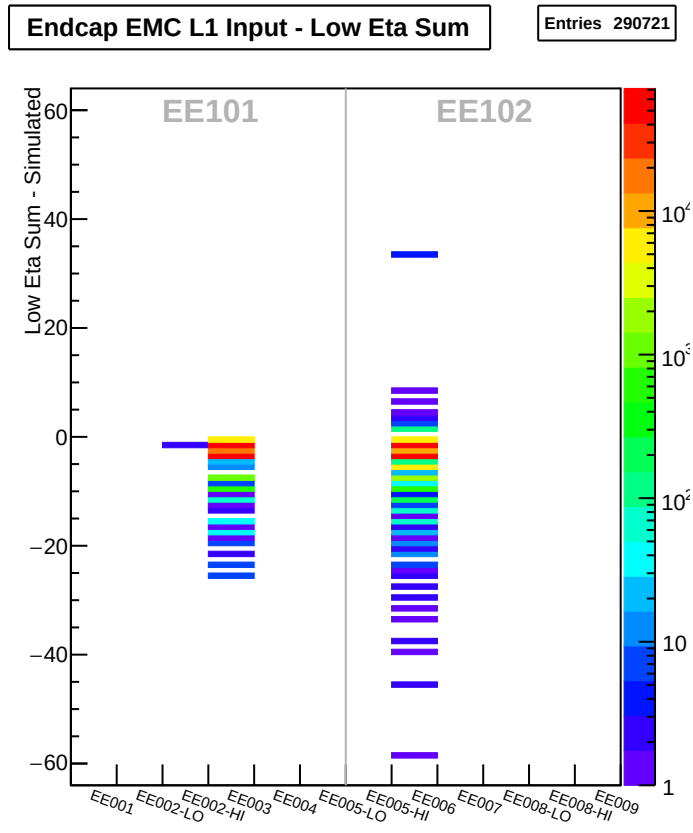

Barrel EMC L1 Input - High Tower Bits
Entries 4.9289e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

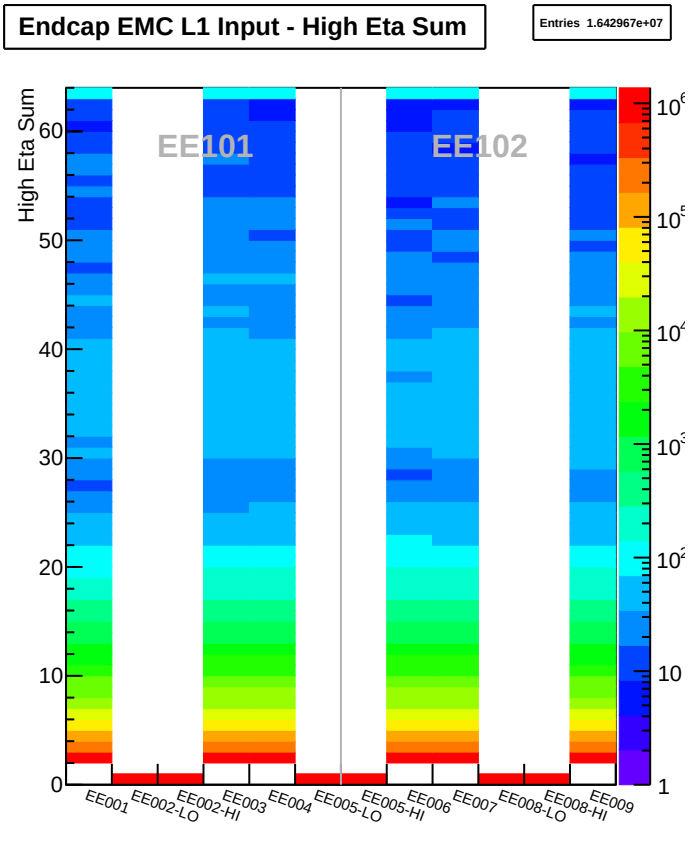

Barrel EMC L1 Input - High Tower Bits
Entries 4.652571e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

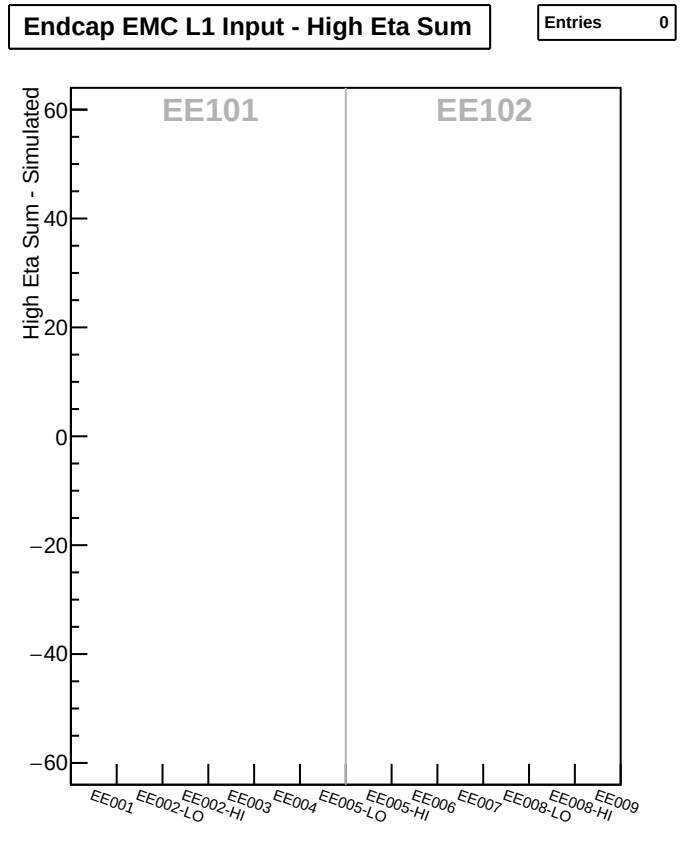

Barrel EMC L1 Input - HT.TP Bit
Entries 4.9289e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

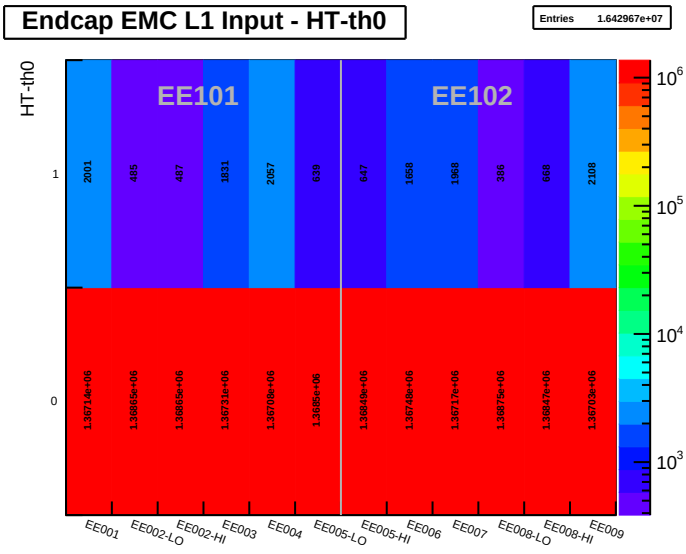

Barrel EMC L1 Input - High Tower Bits
Entries 4.427628e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

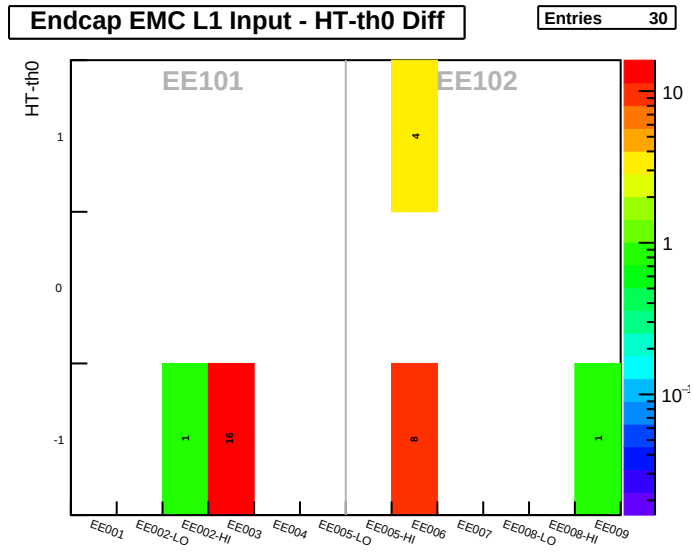

Endcap EMC L1 Input - Low Eta Sum
Entries 1.642967e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

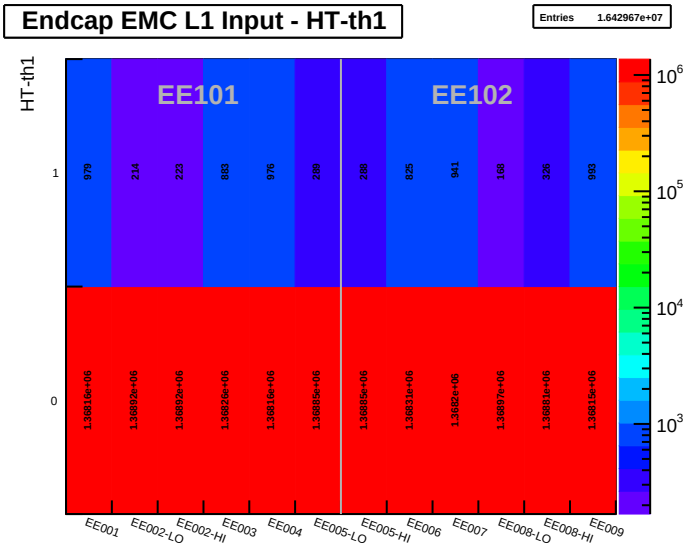

Endcap EMC L1 Input - Low Eta Sum
Entries 290721
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

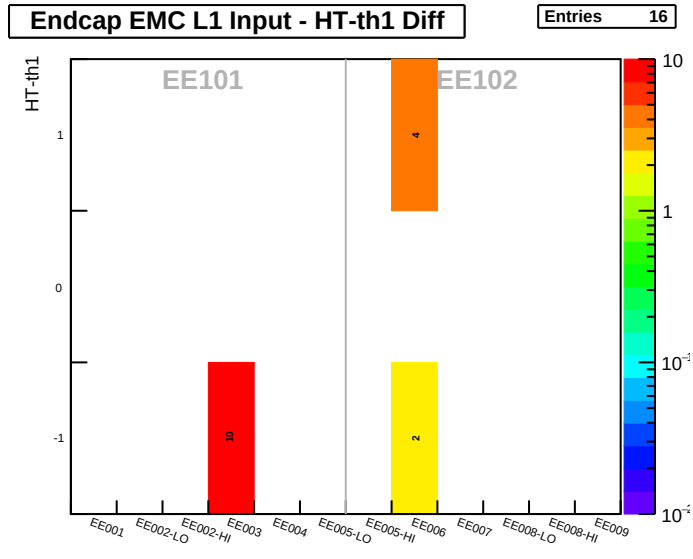

Endcap EMC L1 Input - High Eta Sum
Entries 1.642967e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

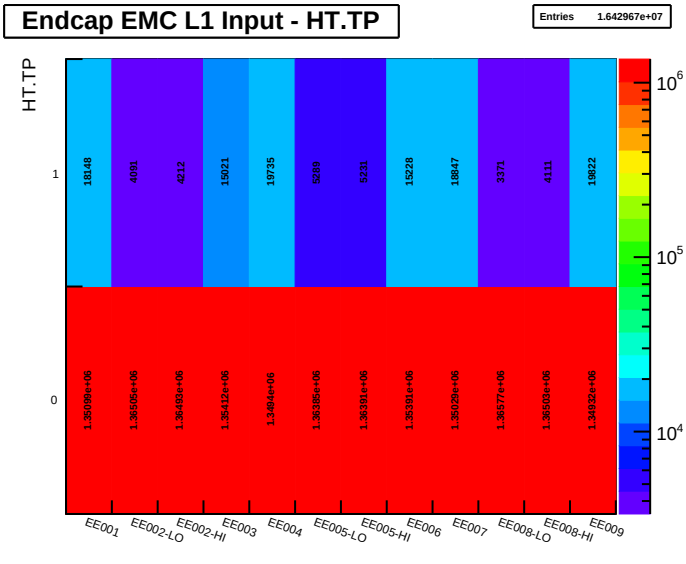

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

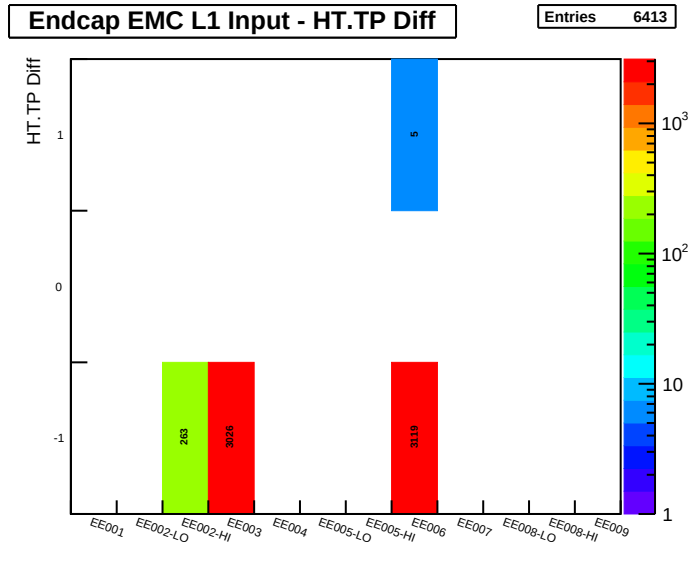

Endcap EMC L1 Input - HT-th0
Entries 1.642967e+07
HT-th0
EE101
EE102
2001 485 487 1831 2057 639 847 1658 1968 386 668 2108
1.36714e+06 1.36865e+06 1.36855e+06 1.36731e+06 1.36708e+06 1.36685e+06 1.36849e+06 1.36749e+06 1.36717e+06 1.36875e+06 1.36847e+06 1.36703e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

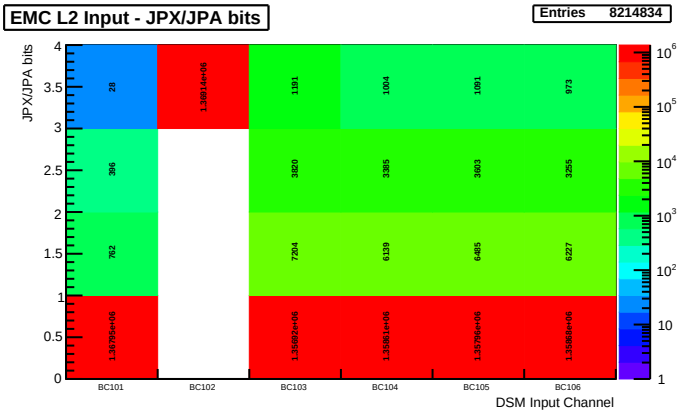

Endcap EMC L1 Input - HT-th0 Diff
Entries 30
HT-th0
EE101
EE102
4
1 16 8 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

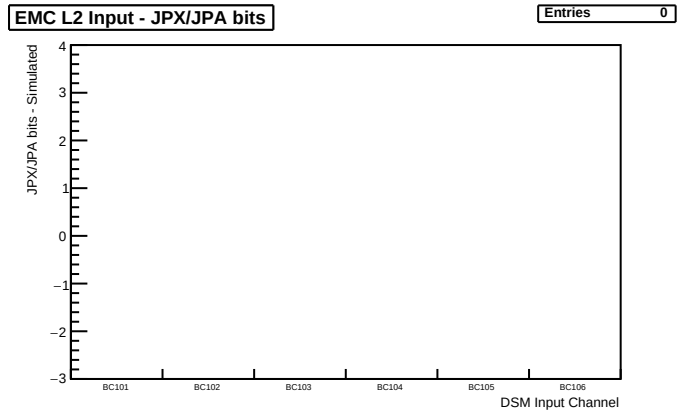

Endcap EMC L1 Input - HT-th1
Entries 1.642967e+07
HT-th1
EE101
EE102
979 214 223 833 976 288 288 825 941 168 326 993
1.36816e+06 1.36892e+06 1.36892e+06 1.36826e+06 1.36816e+06 1.36895e+06 1.36895e+06 1.36831e+06 1.36882e+06 1.36897e+06 1.36881e+06 1.36815e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

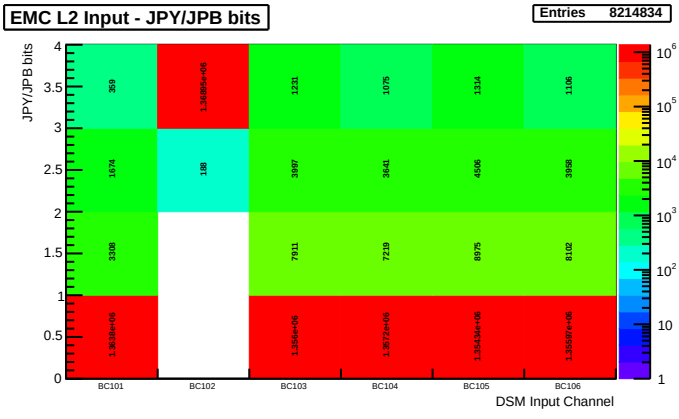

Endcap EMC L1 Input - HT-th1 Diff
Entries 16
HT-th1
EE101
EE102
4
10 2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

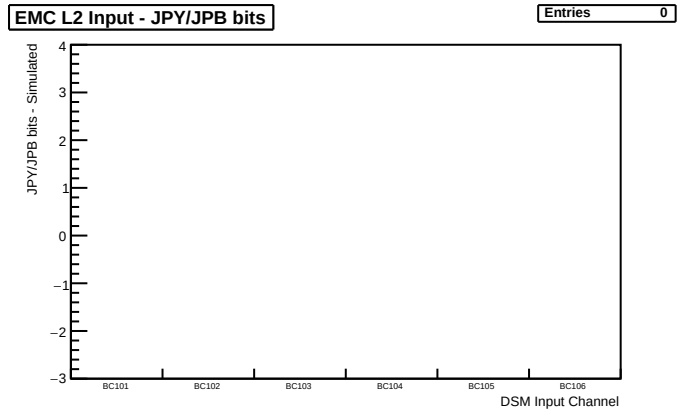

Endcap EMC L1 Input - HT.TP
Entries 1.642967e+07
HT.TP
18148 4091 4212 15021 19735 5289 5231 15228 18847 3371 4111 19822
1.35098e+06 1.35505e+06 1.36492e+06 1.35412e+06 1.3494e+06 1.36385e+06 1.36391e+06 1.35391e+06 1.35029e+06 1.36577e+06 1.36503e+06 1.34932e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

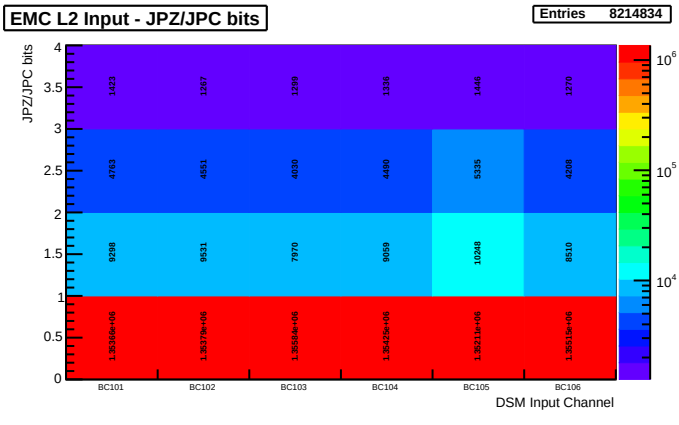

Endcap EMC L1 Input - HT.TP Diff
Entries 6413
HT.TP Diff
5
263 3026 3119
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

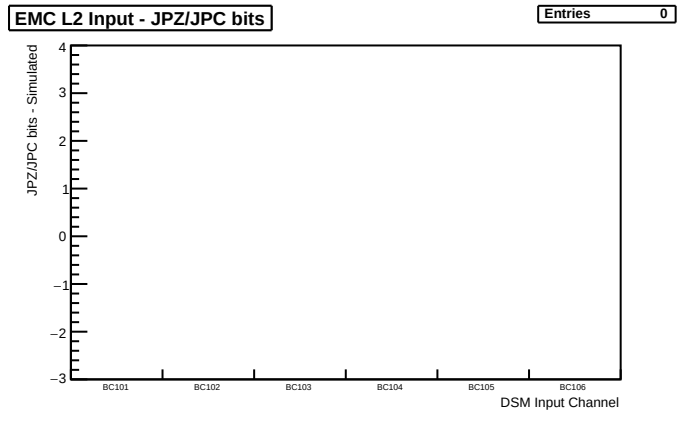

EMC L2 Input - JPX/JPA bits
Entries 8214834
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

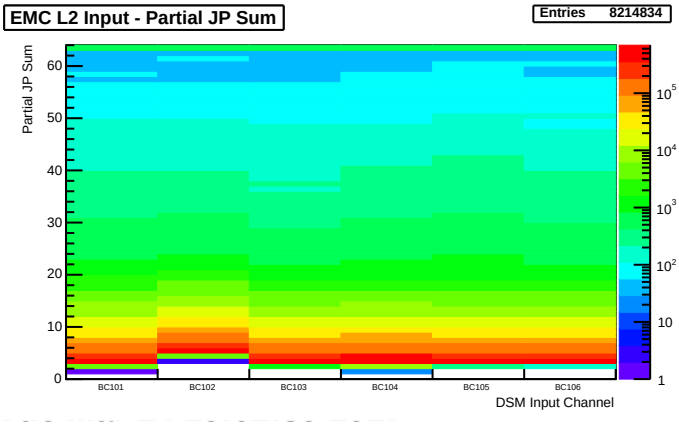

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

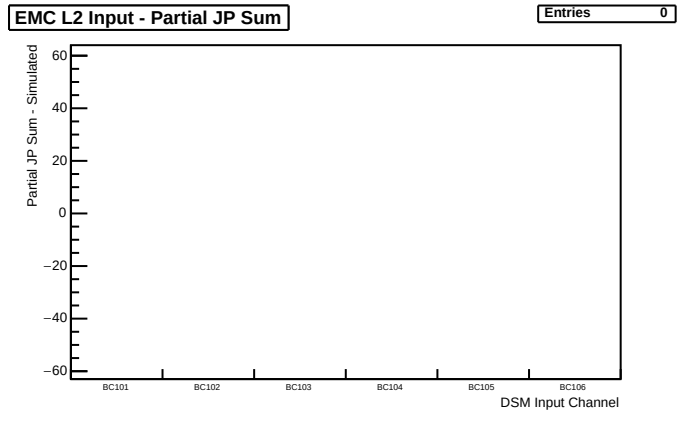

EMC L2 Input - JPY/JPB bits
Entries 8214834
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

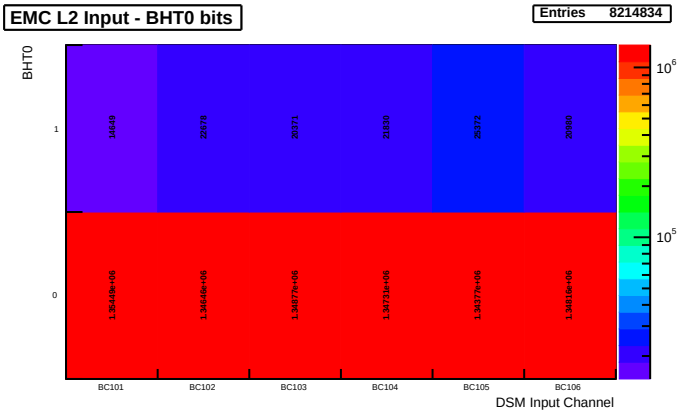

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

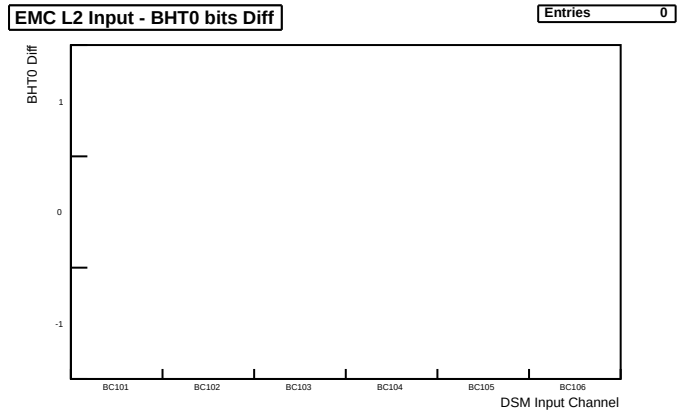

EMC L2 Input - JPZ/JPC bits
Entries 8214834
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

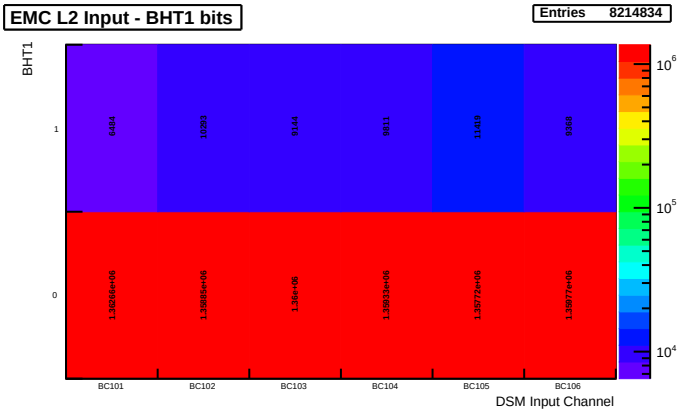

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

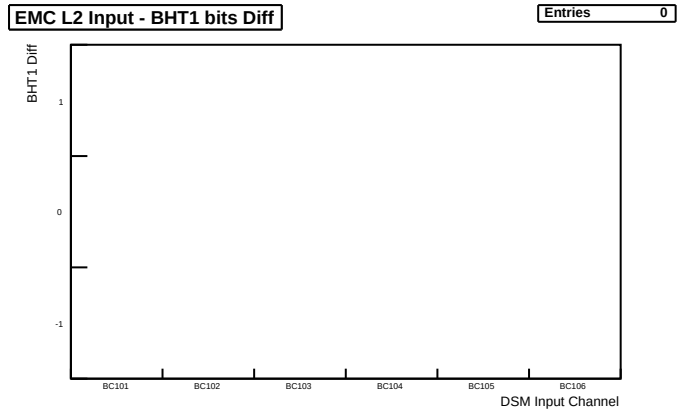

EMC L2 Input - Partial JP Sum
Entries 8214834
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

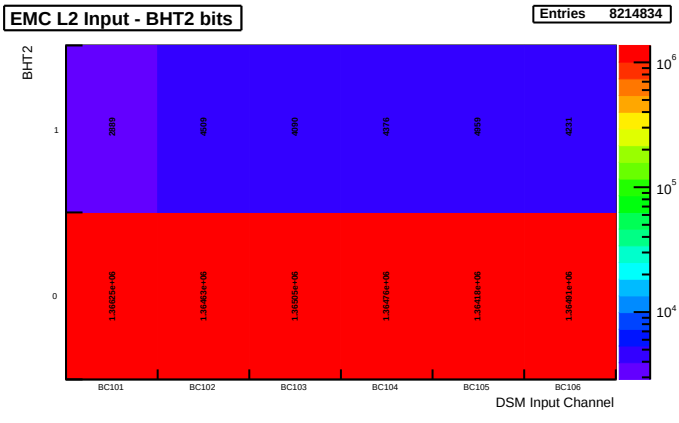

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

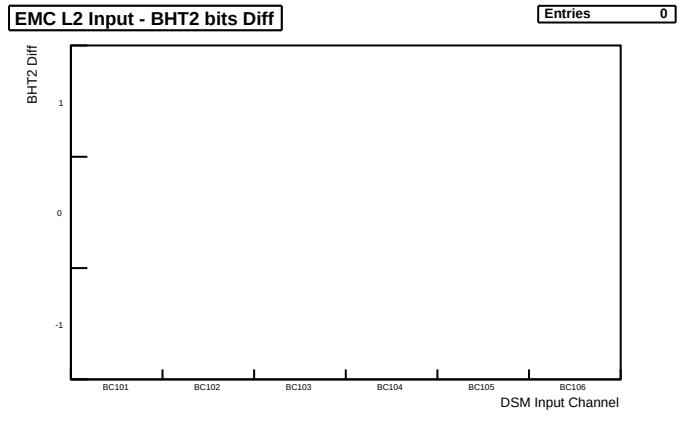

EMC L2 Input - BHT0 bits
Entries 8214834
BHT0
1
0
14649
29578
20371
21830
25372
20880
1.35449e+06
1.36546e+06
1.34377e+06
1.34731e+06
1.34377e+06
1.34816e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

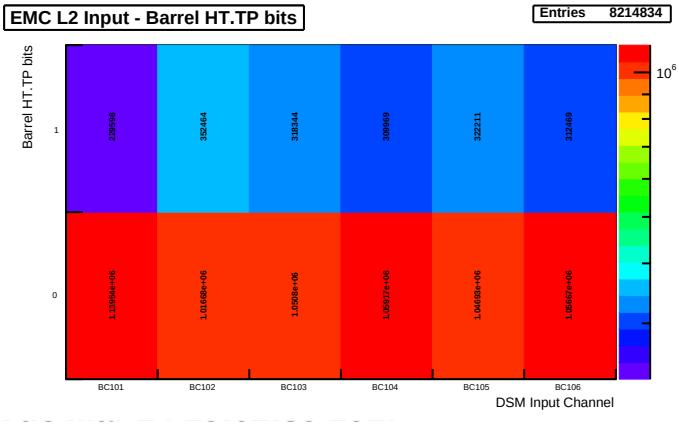

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

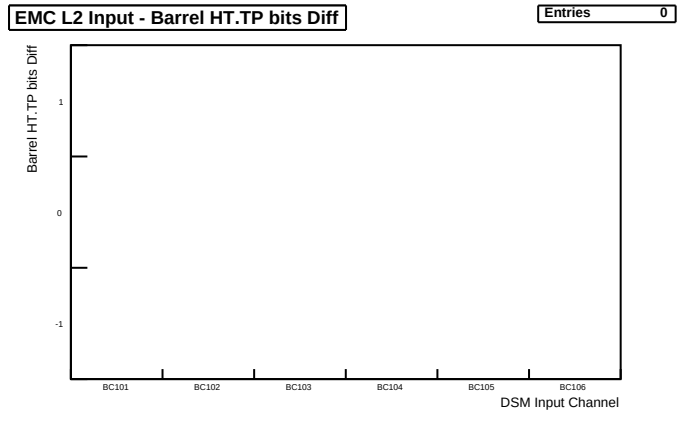

EMC L2 Input - BHT1 bits
Entries 8214834
BHT1
1
0
6484
10293
9144
9811
11419
9368
1.36366e+06
1.39885e+06
136e+06
1.39833e+06
1.35772e+06
1.39977e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

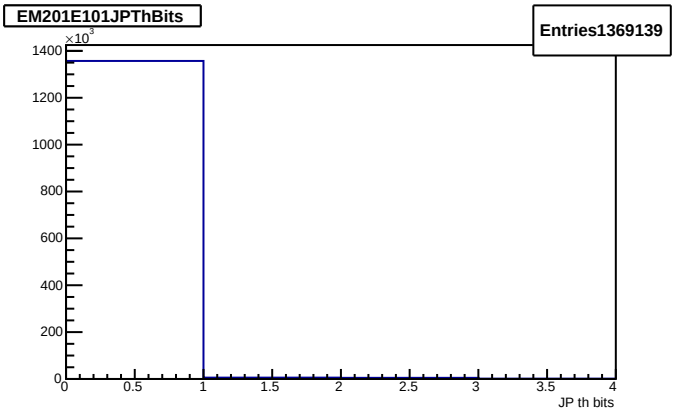

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

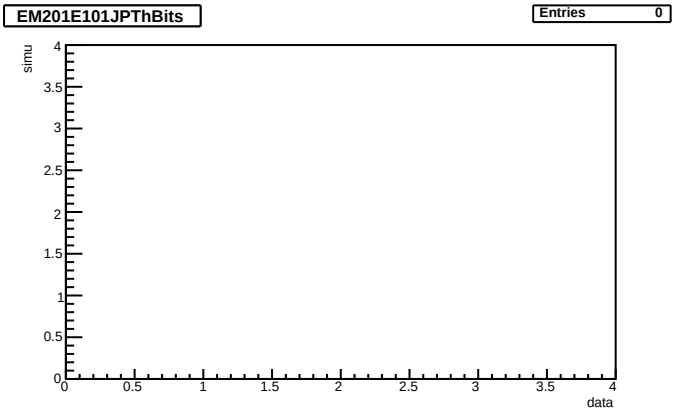

EMC L2 Input - BHT2 bits
Entries 8214834
BHT2
1
0
2639
4509
4090
4376
4559
4231
1.36625e+06
1.36453e+06
1.36505e+06
1.36476e+06
1.36418e+06
1.36401e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

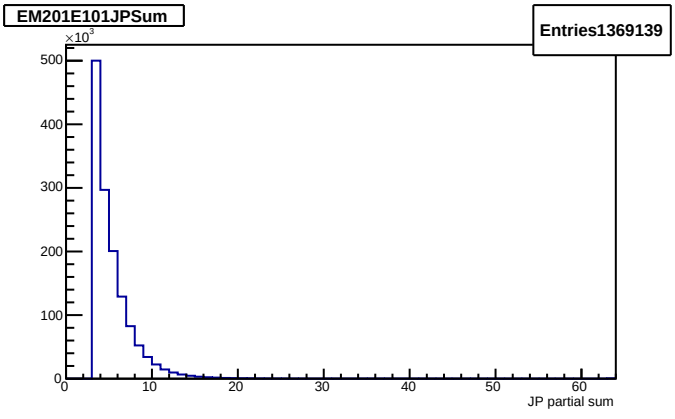

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

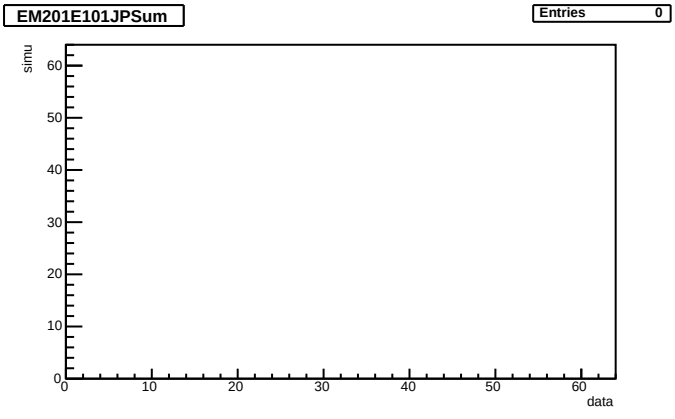

EMC L2 Input - Barrel HT.TP bits
Entries 8214834
Barrel HT.TP bits
1
0
325938
352464
318344
309969
322211
312469
1.13954e+06
1.01688e+06
1.05098e+06
1.05937e+06
1.04689e+06
1.05667e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

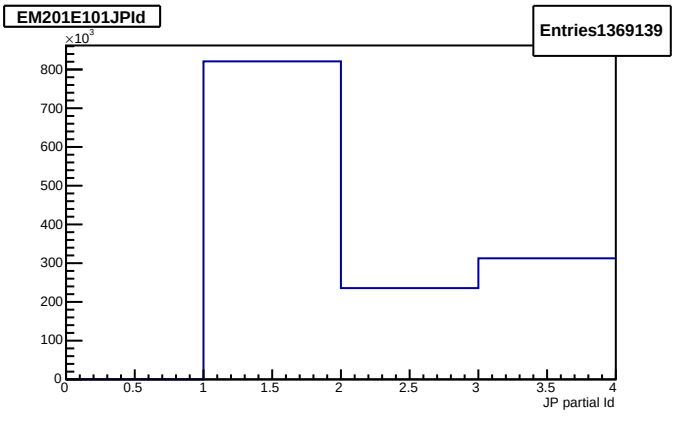

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

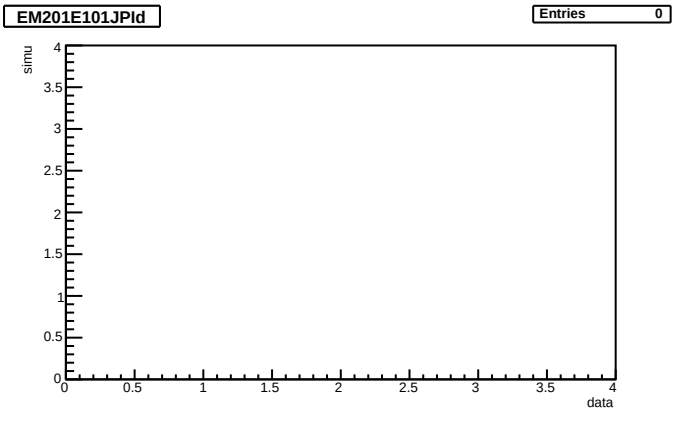

EM201E101JPThBits
Entries1369139
JP th bits

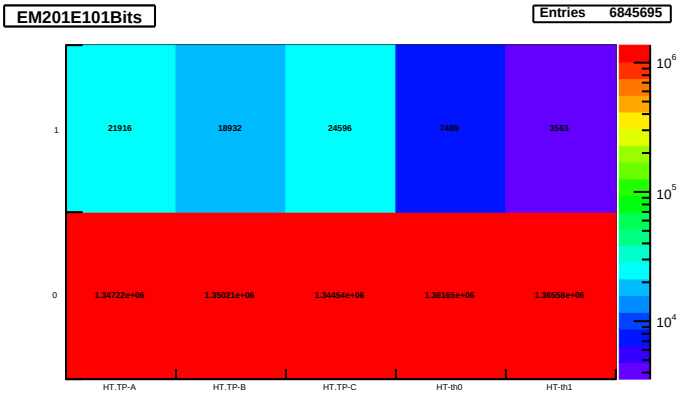

EM201E101JPThBits
Entries 0
simu
data

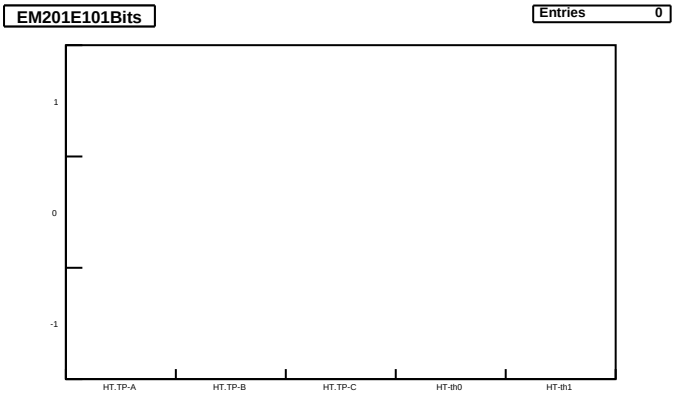

EM201E101JPSum
Entries1369139
JP partial sum

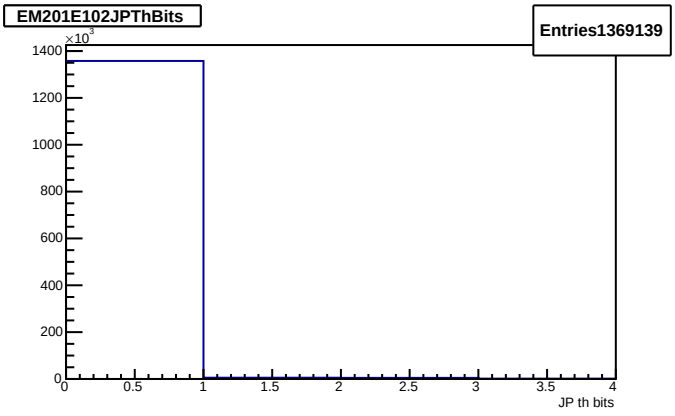

EM201E101JPSum
Entries 0
simu
data

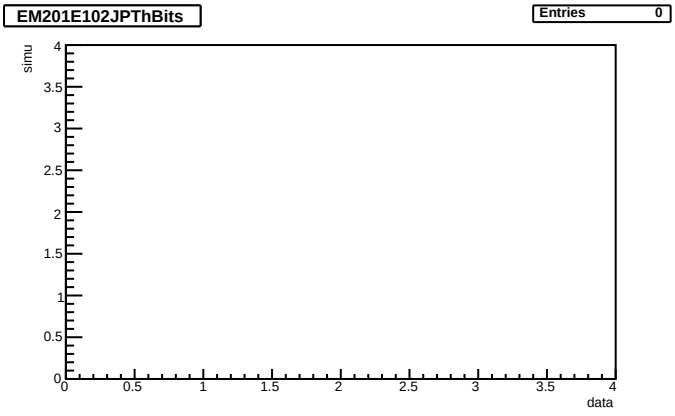

EM201E101JPId
Entries1369139
JP partial Id

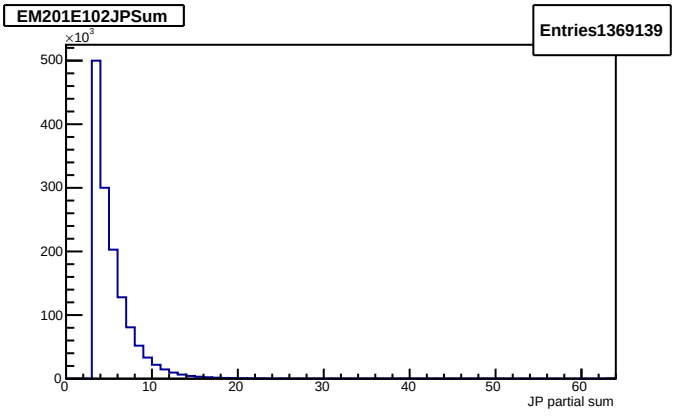

EM201E101JPId
Entries 0
simu
data

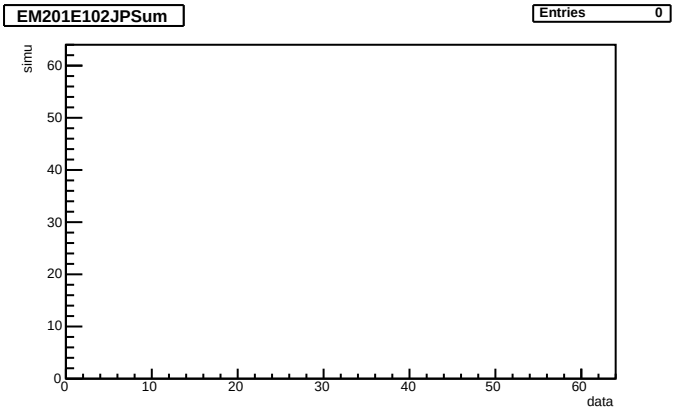

EM201E101Bits
Entries 6845695
21916
18932
24596
7489
3563
1.34722e+06
1.35021e+06
1.34454e+06
1.36165e+06
1.36558e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

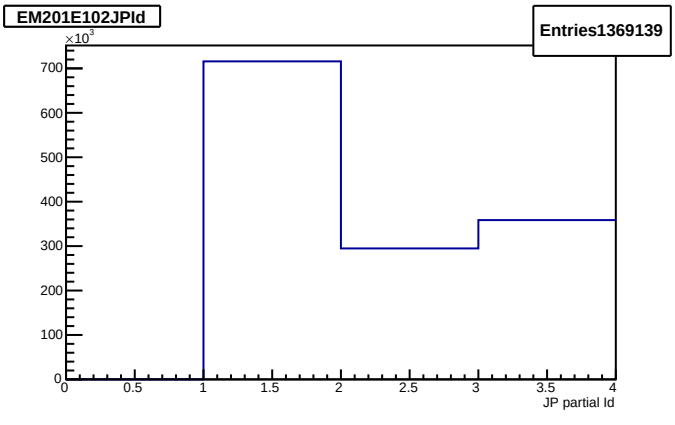

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

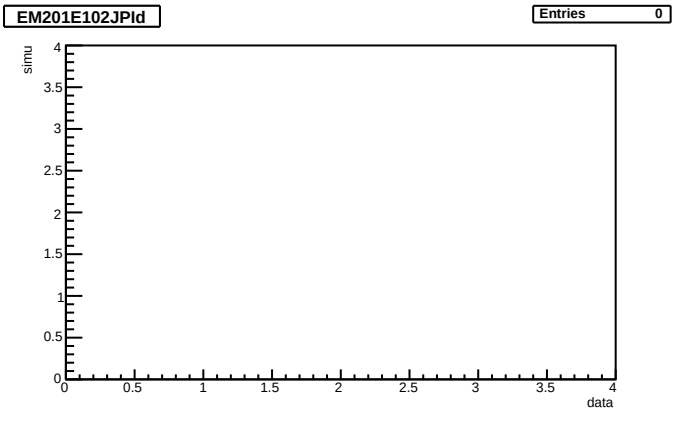

EM201E102JPThBits
Entries1369139
JP th bits

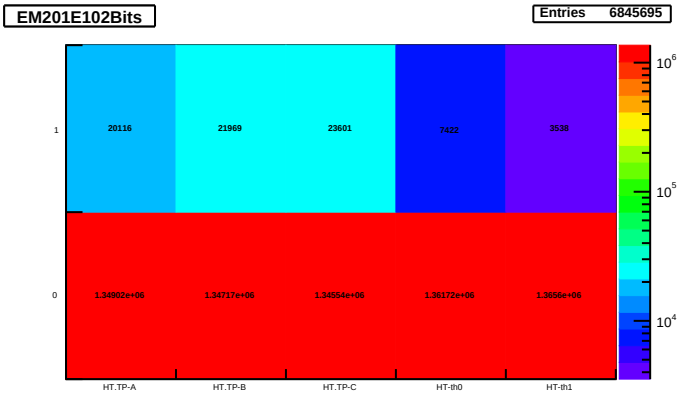

EM201E102JPThBits
Entries 0
simu
data

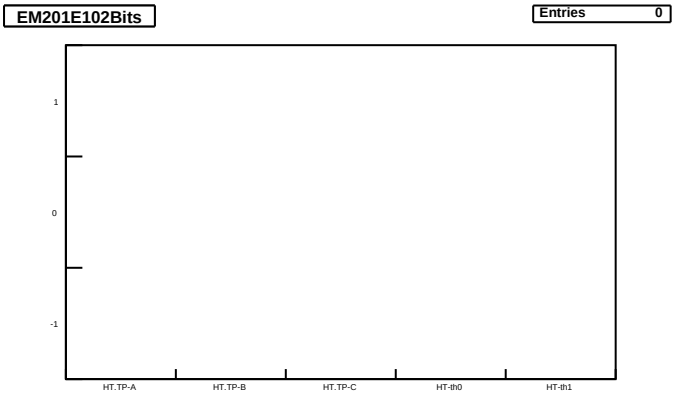

EM201E102JPSum
Entries1369139
JP partial sum

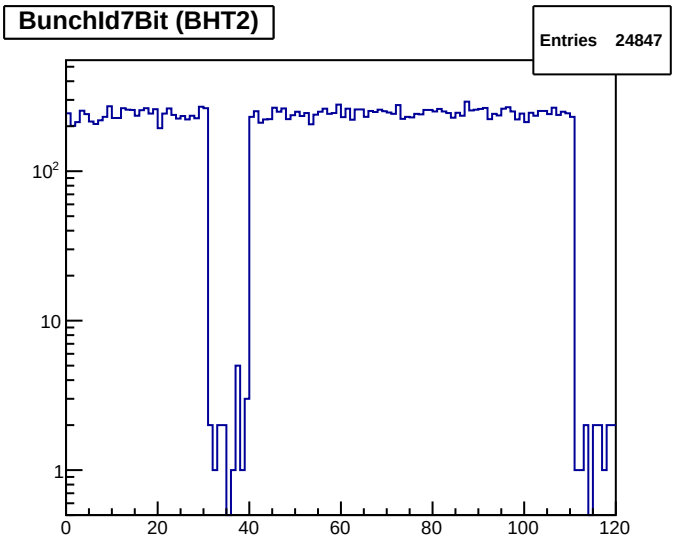

EM201E102JPSum
Entries 0
simu
data

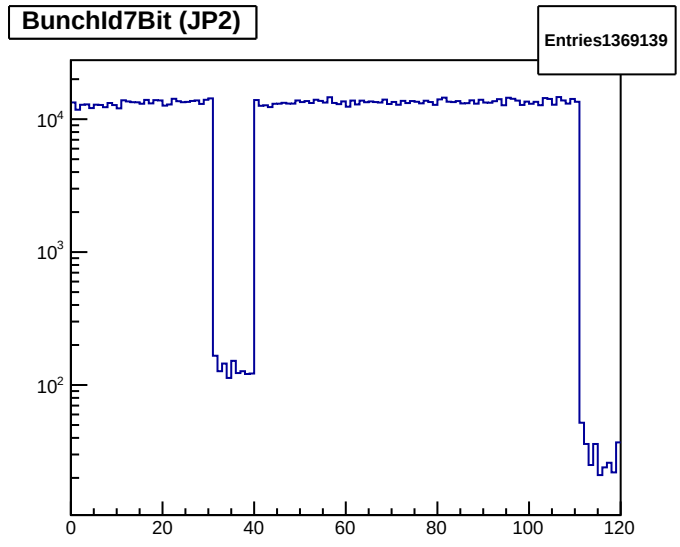

EM201E102JPId
Entries1369139
JP partial Id

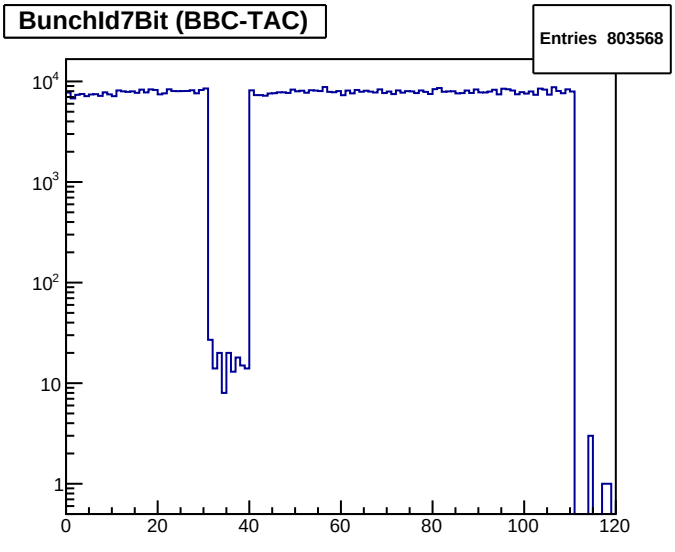

EM201E102JPId
Entries 0
simu
data

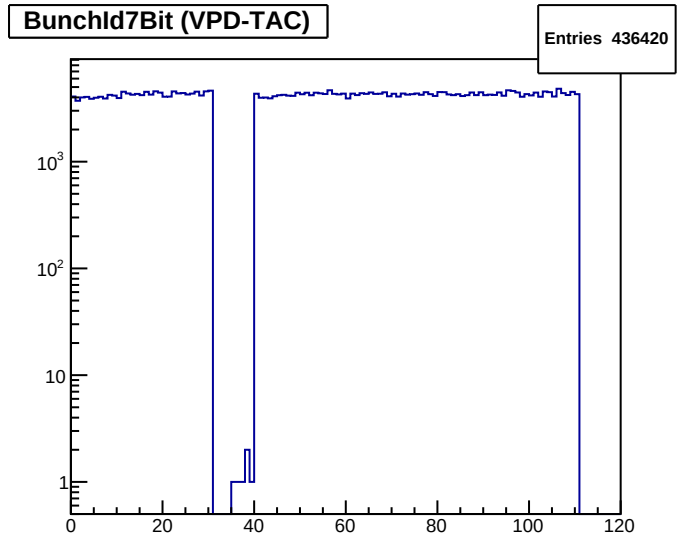

EM201E102Bits
Entries 6845695
20116
21969
23601
7422
3538
1.34902e+06
1.34717e+06
1.34554e+06
1.36172e+06
1.3656e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

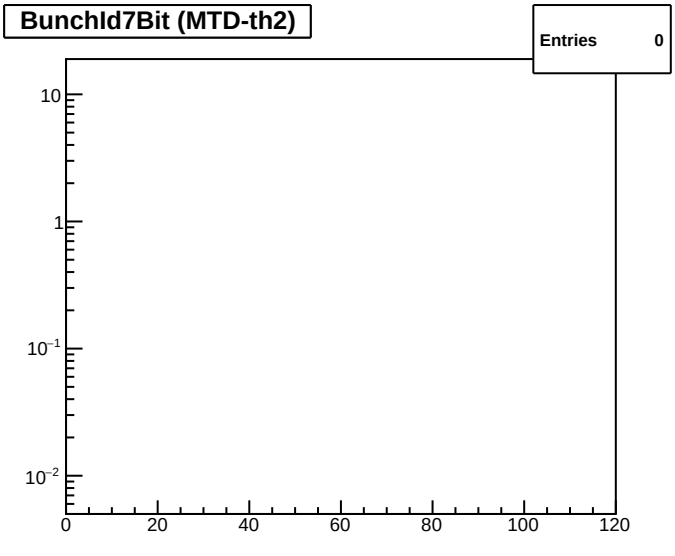

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

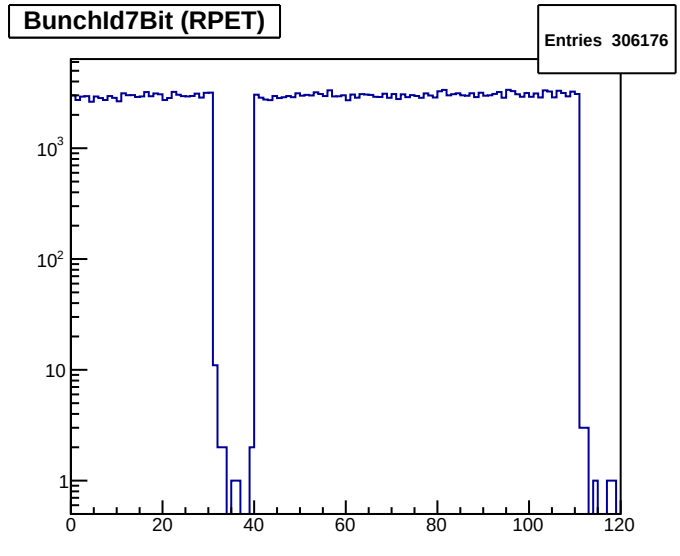

BunchId7Bit (BHT2)
Entries 24847

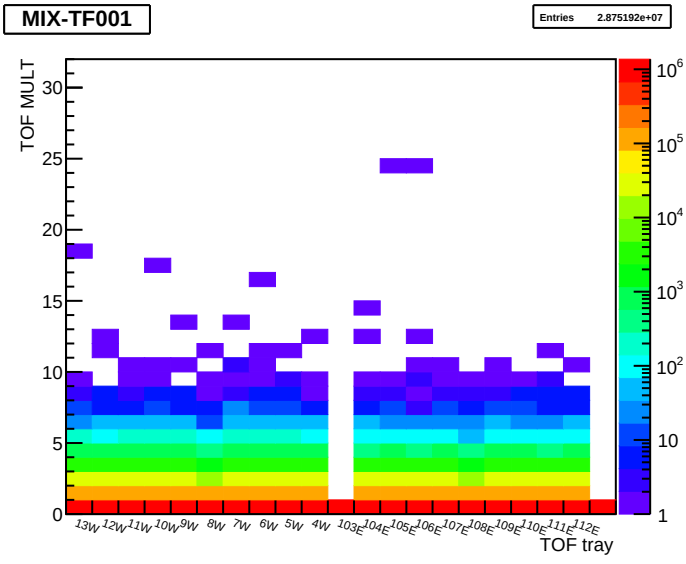

BunchId7Bit (JP2)
Entries1369139

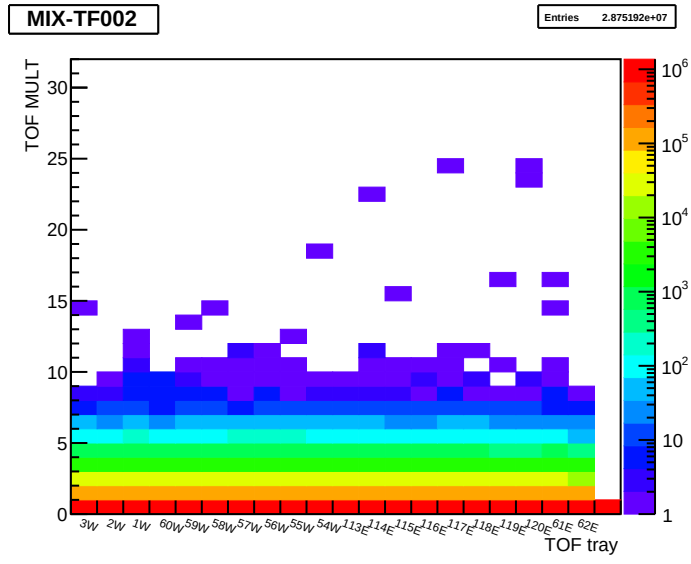

BunchId7Bit (BBC-TAC)
Entries 803568

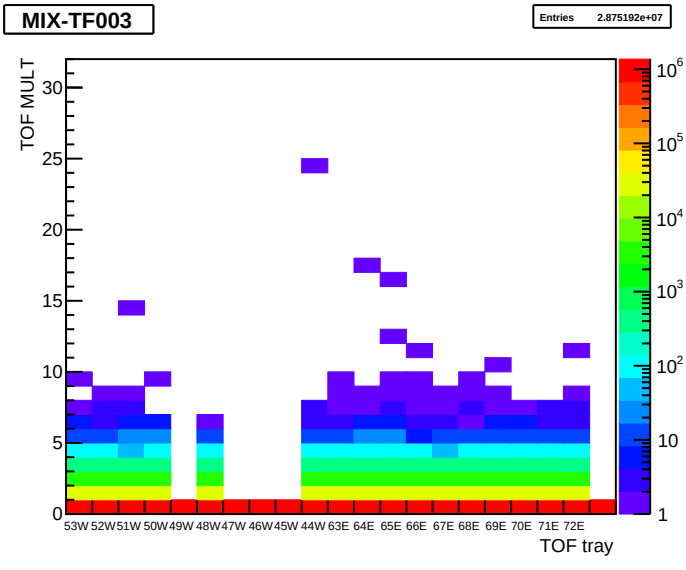

BunchId7Bit (VPD-TAC)
Entries 436420

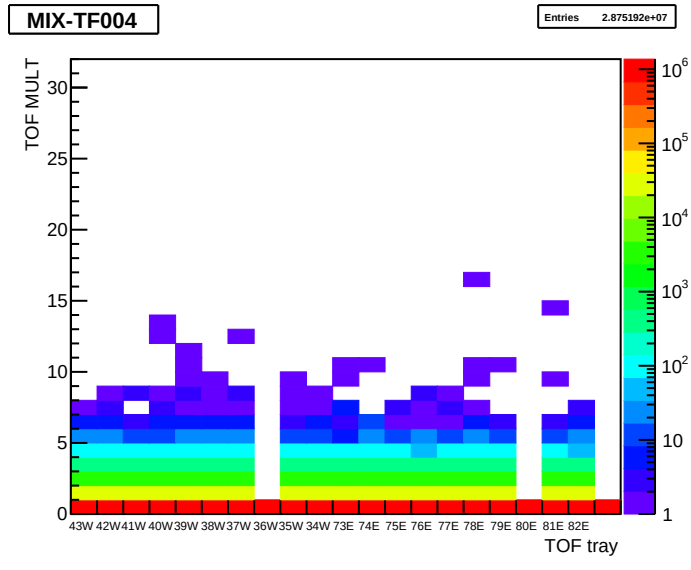

BunchId7Bit (MTD-th2)
Entries 0

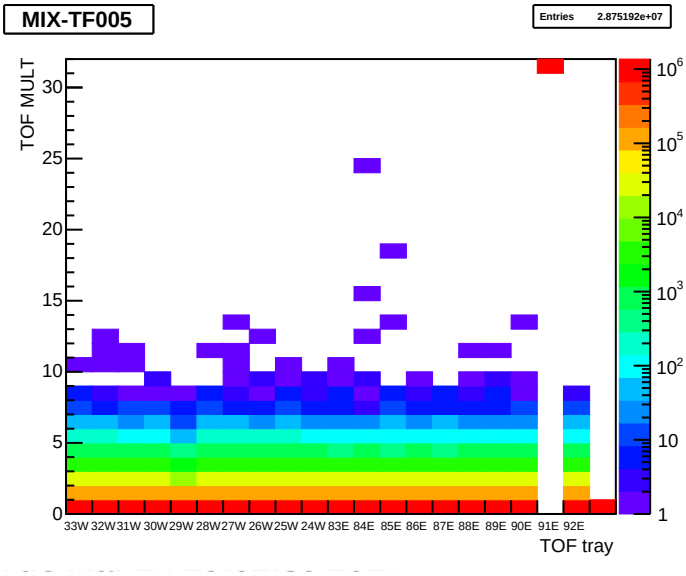

BunchId7Bit (RPET)
Entries 306176

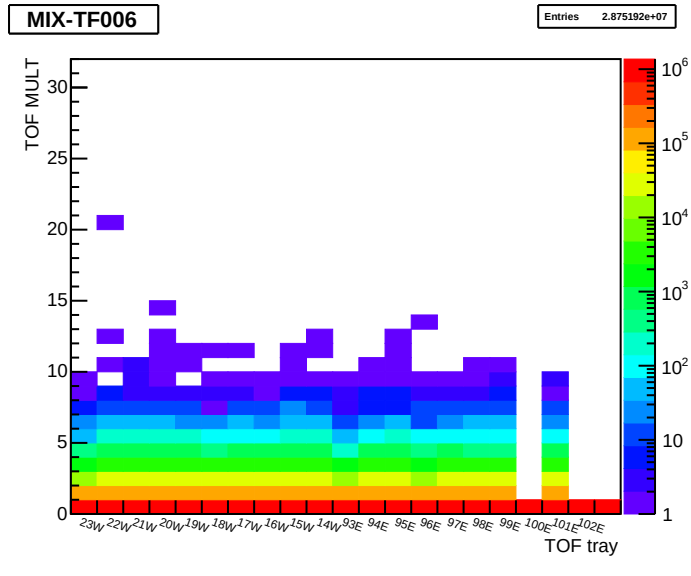

MIX-TF001
Entries 2.875192e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

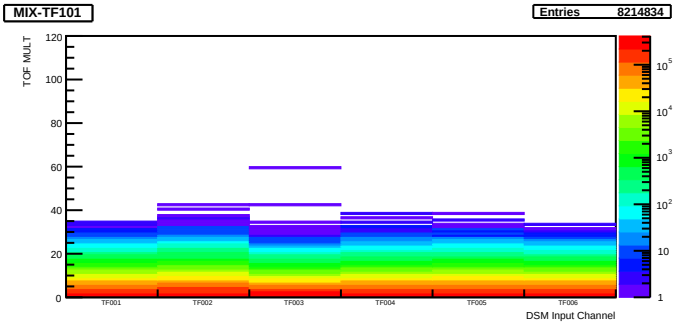

MIX-TF002
Entries 2.875192e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

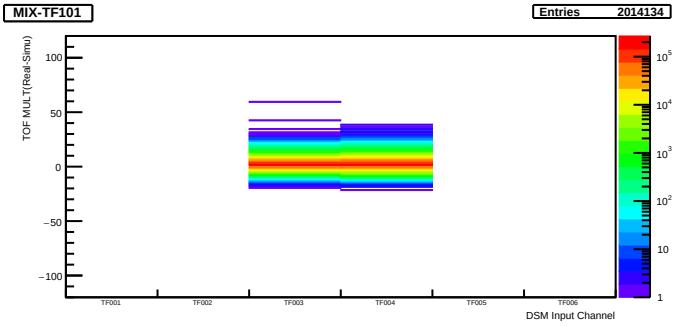

MIX-TF003
Entries 2.875192e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

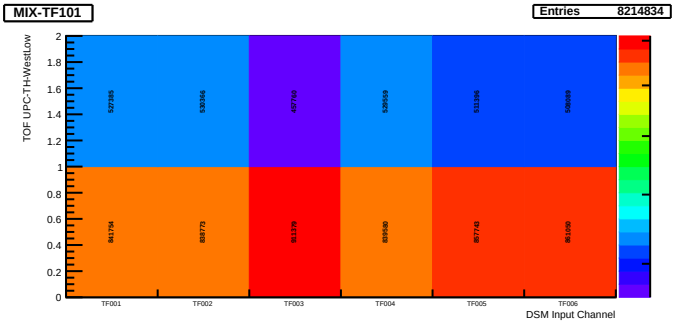

MIX-TF004
Entries 2.875192e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

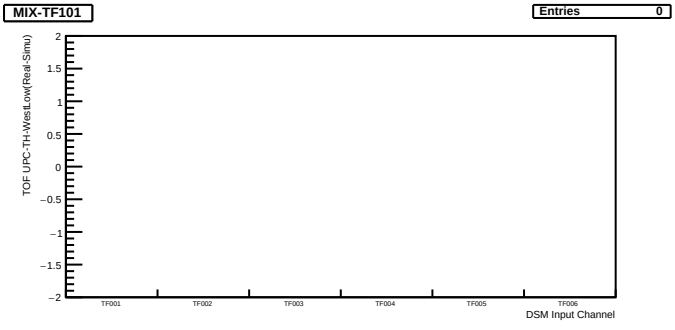

MIX-TF005
Entries 2.875192e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

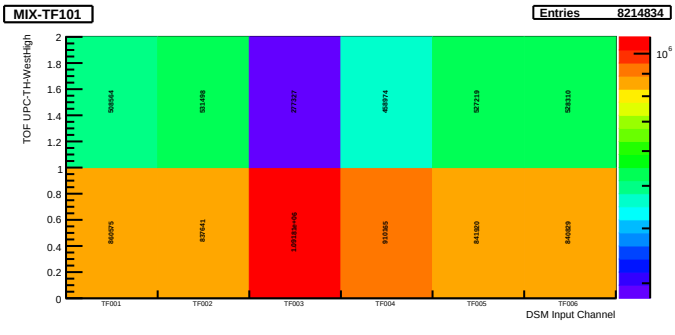

MIX-TF006
Entries 2.875192e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

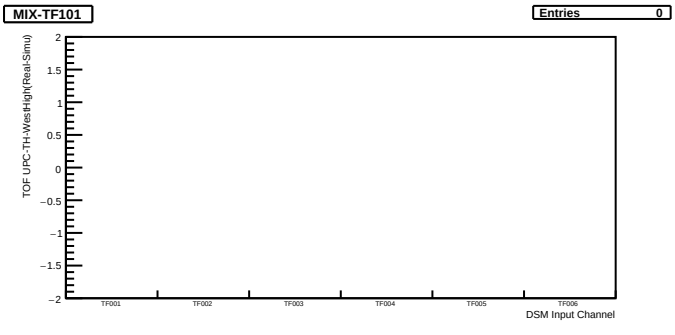

MIX-TF101
Entries 8214834
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

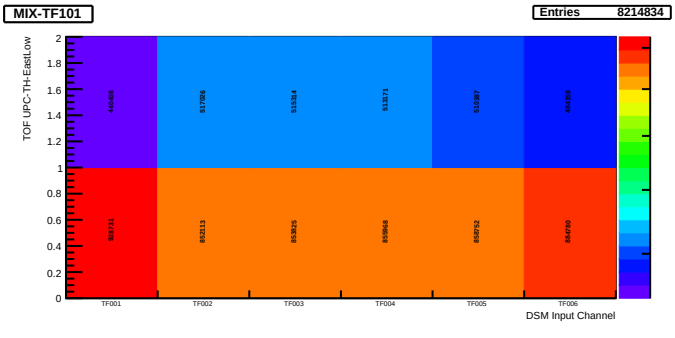

MIX-TF101
Entries 2014134
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

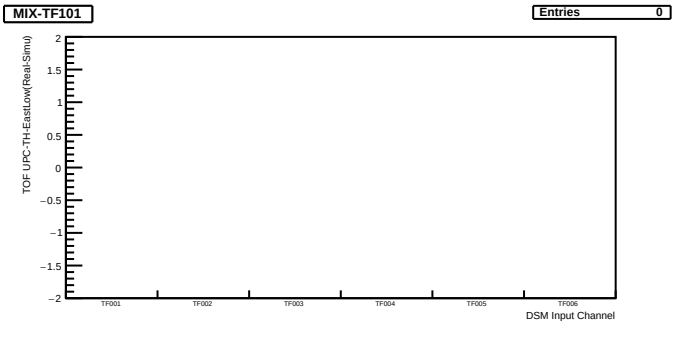

MIX-TF101
Entries 8214834
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

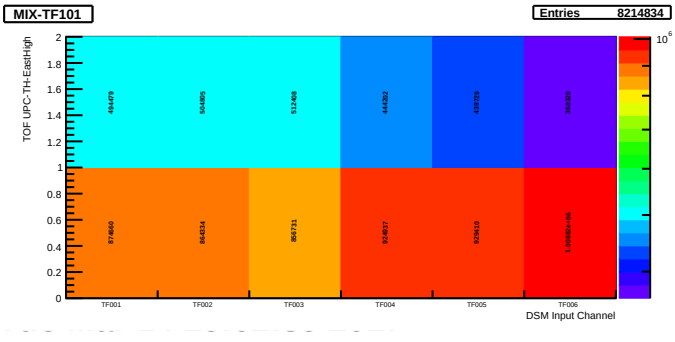

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

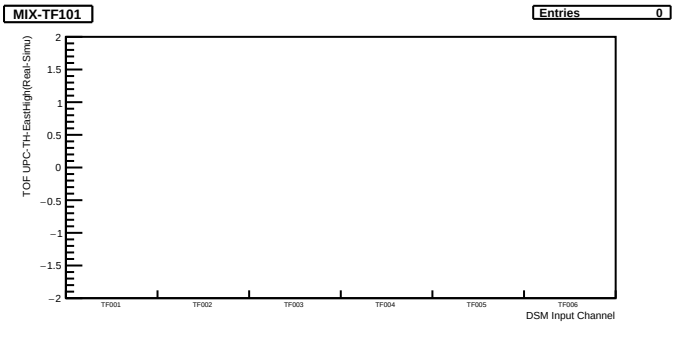

MIX-TF101
Entries 8214834
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

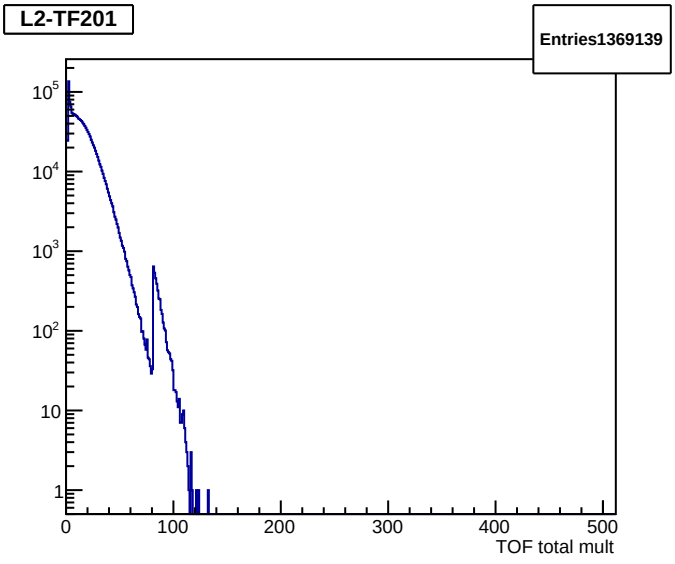

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

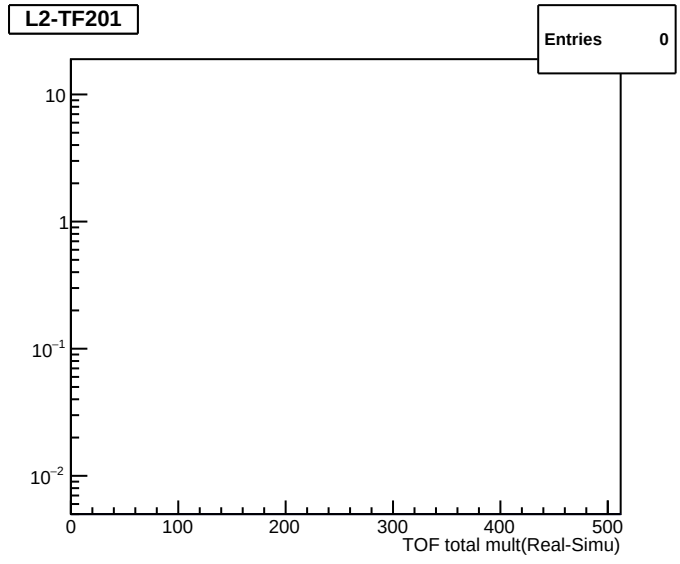

MIX-TF101
Entries 8214834
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

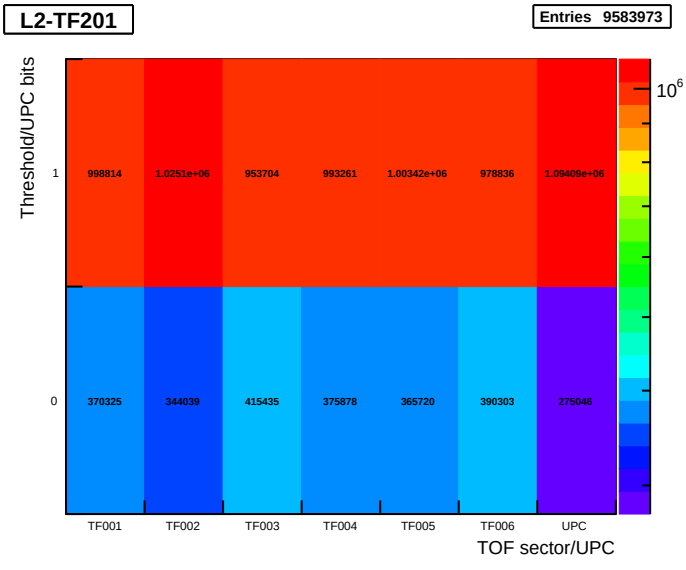

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

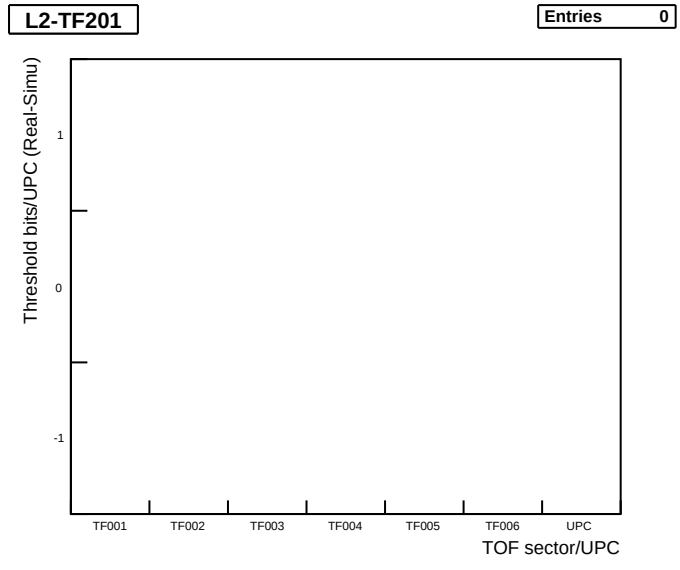

MIX-TF101
Entries 8214834
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

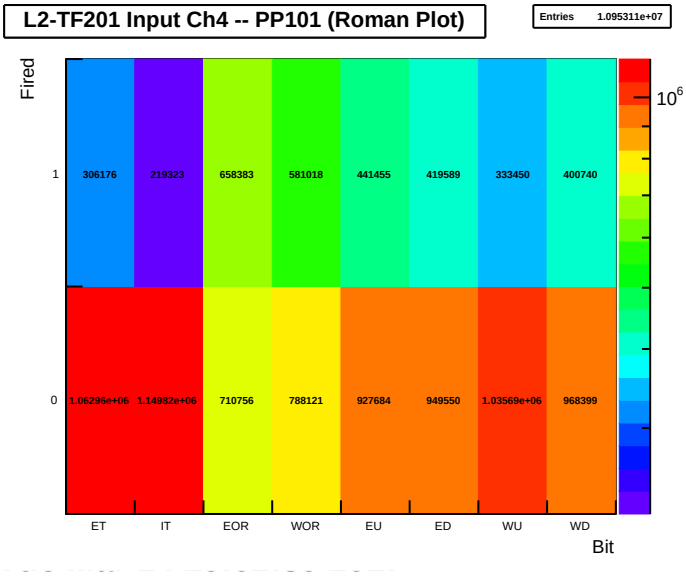

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

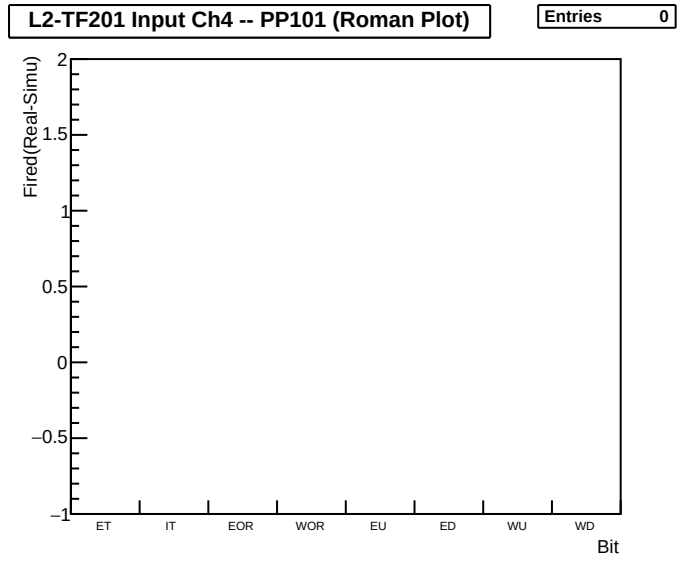

L2-TF201
Entries1369139
TOF total mult

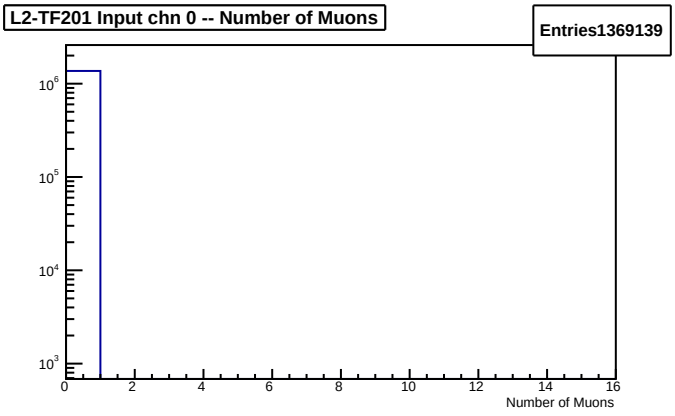

L2-TF201
Entries 0
TOF total mult(Real-Simu)

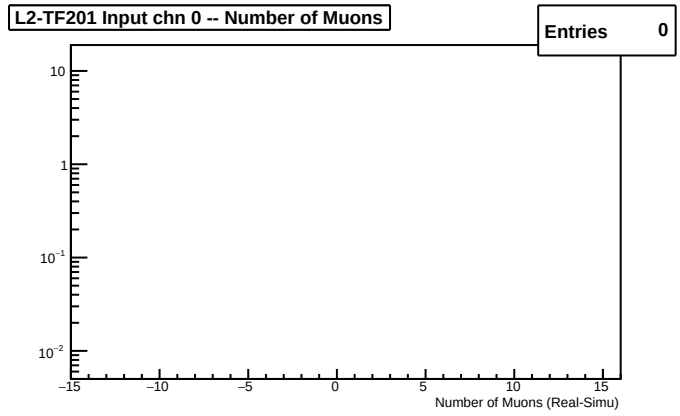

L2-TF201
Entries 9583973
Threshold/UPC bits
998814
1.0251e+06
953704
993261
1.00342e+06
978836
1.09409e+06
370325
344039
415435
375878
365720
390303
275046
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

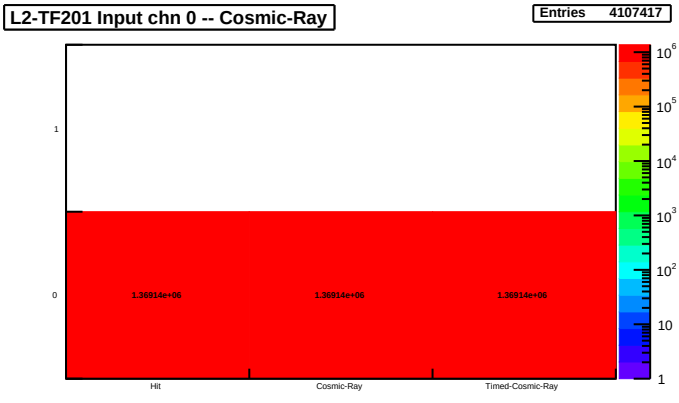

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

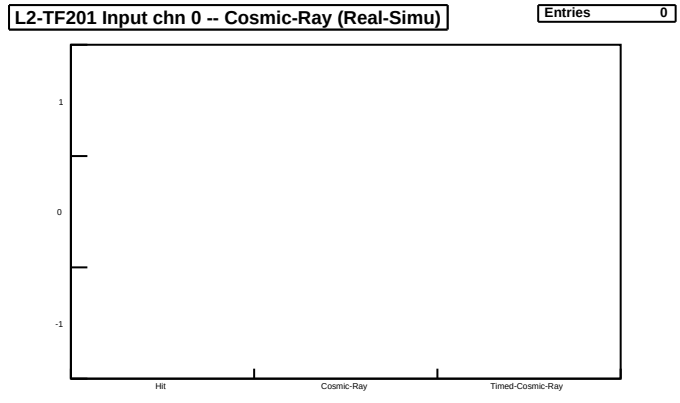

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.095311e+07
Fired
306176
219323
658383
581018
441455
419589
333450
400740
1.06296e+06
1.14982e+06
710756
788121
927684
949550
1.03569e+06
968399
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

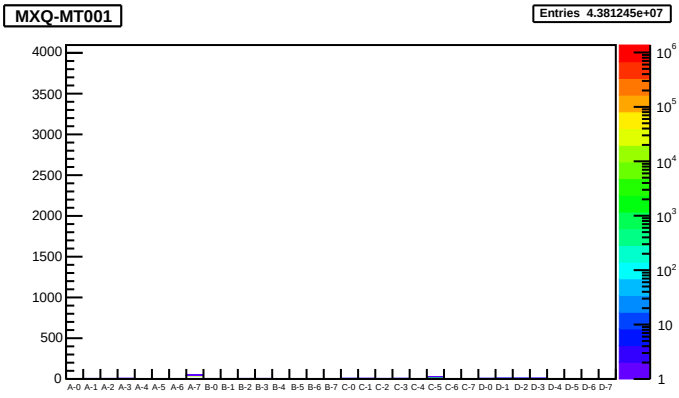

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

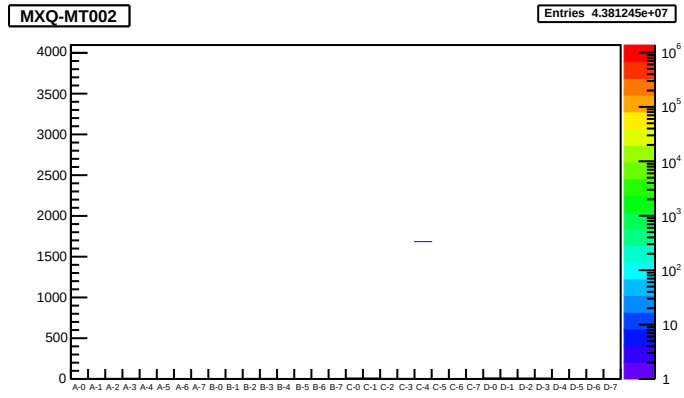

L2-TF201 Input chn 0 -- Number of Muons
Entries1369139
Number of Muons

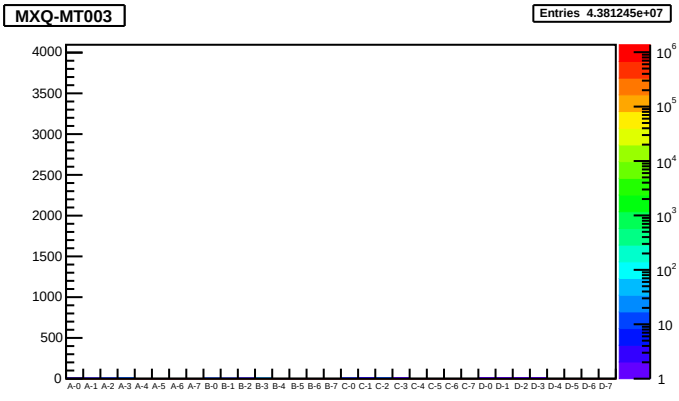

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

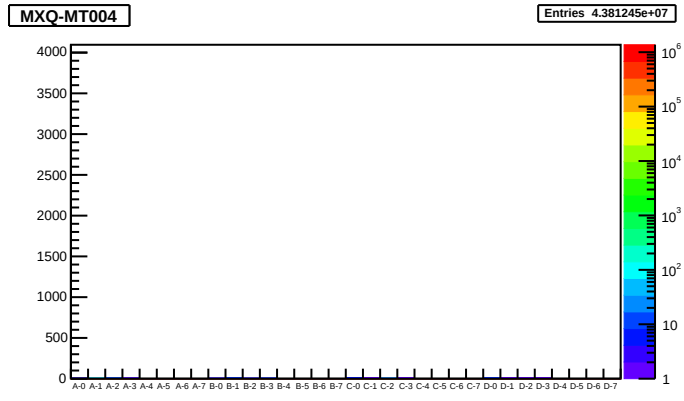

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4107417
1.36914e+06
1.36914e+06
1.36914e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

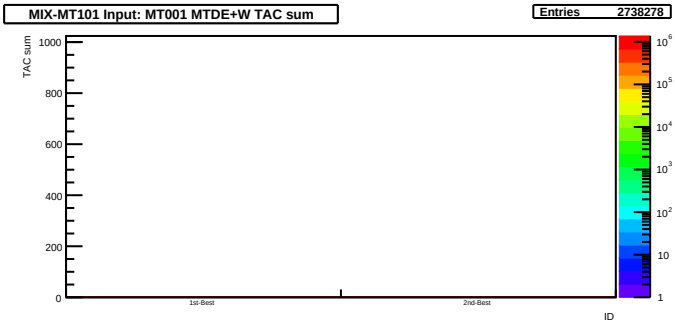

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

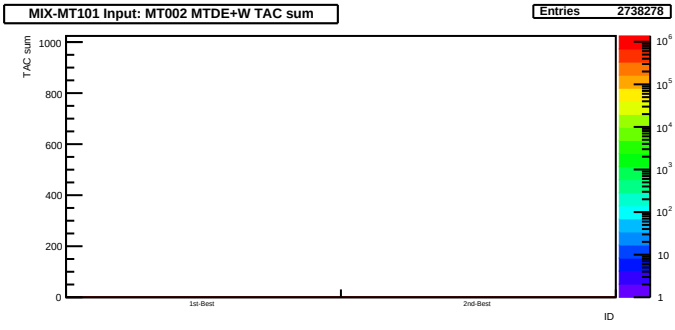

MXQ-MT001
Entries 4.381245e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

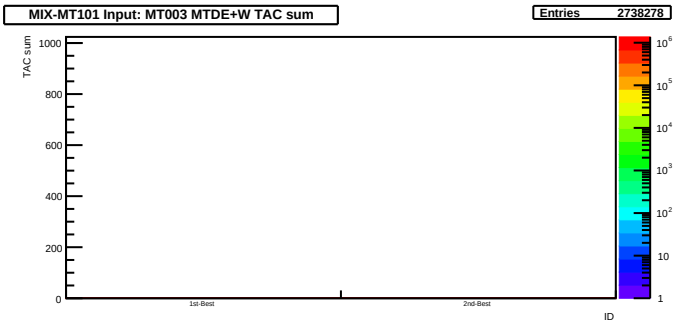

MXQ-MT002
Entries 4.381245e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

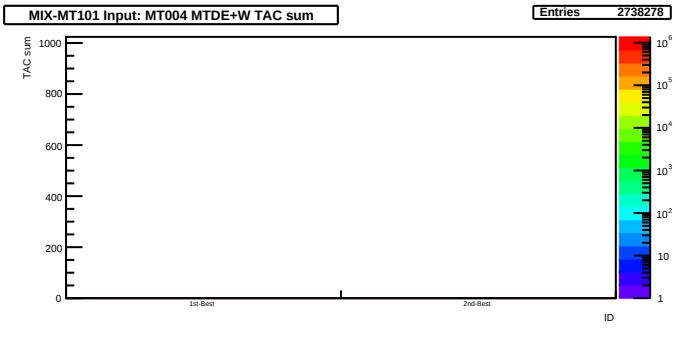

MXQ-MT003
Entries 4.381245e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

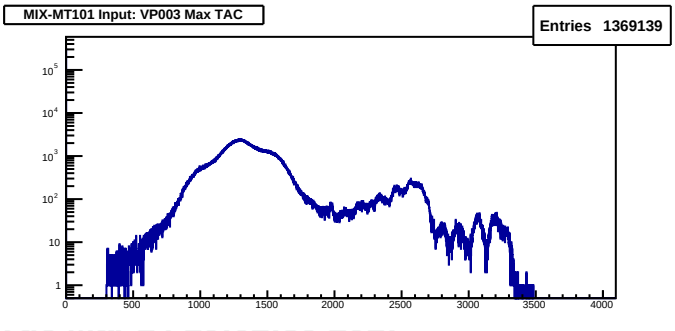

MXQ-MT004
Entries 4.381245e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

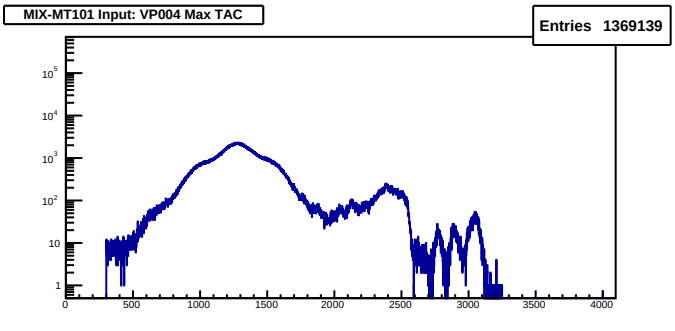

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2738278
TAC sum
1st-Best
2nd-Best
ID

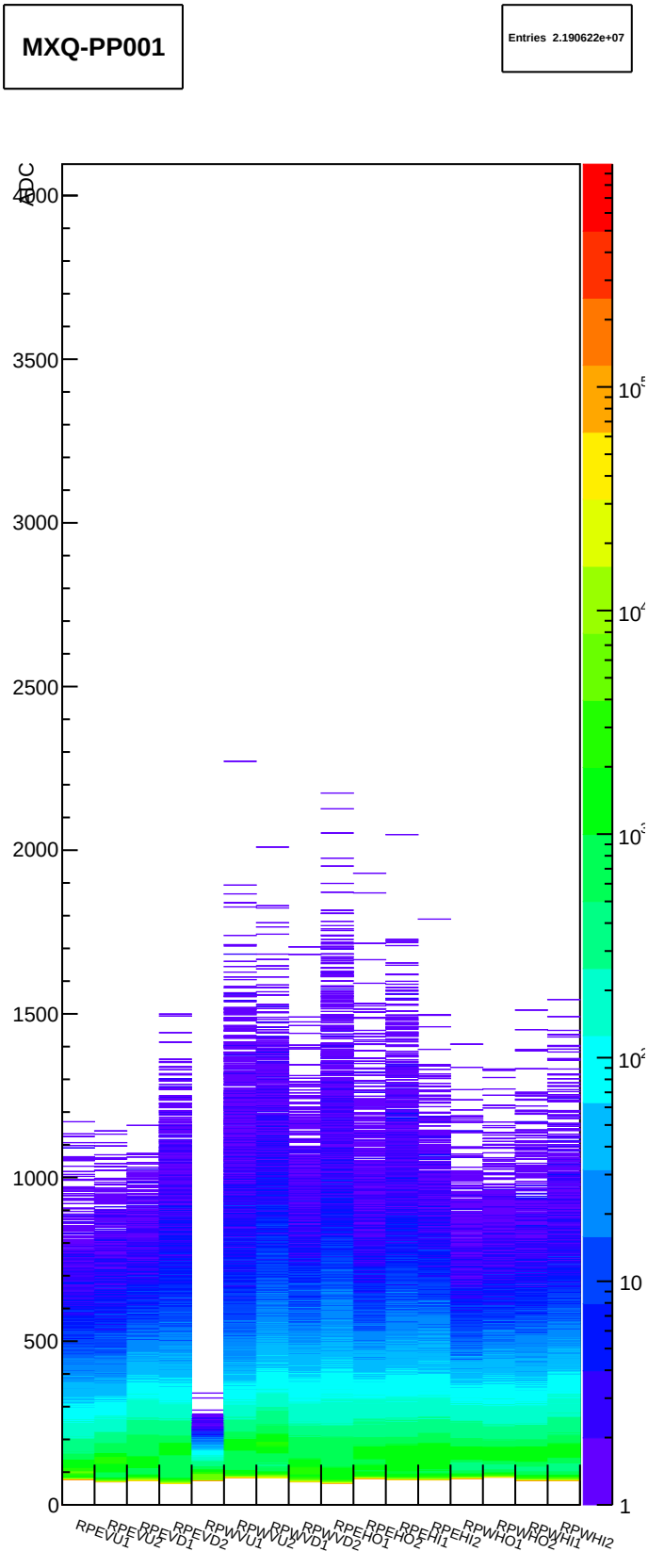

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2738278
TAC sum
1st-Best
2nd-Best
ID

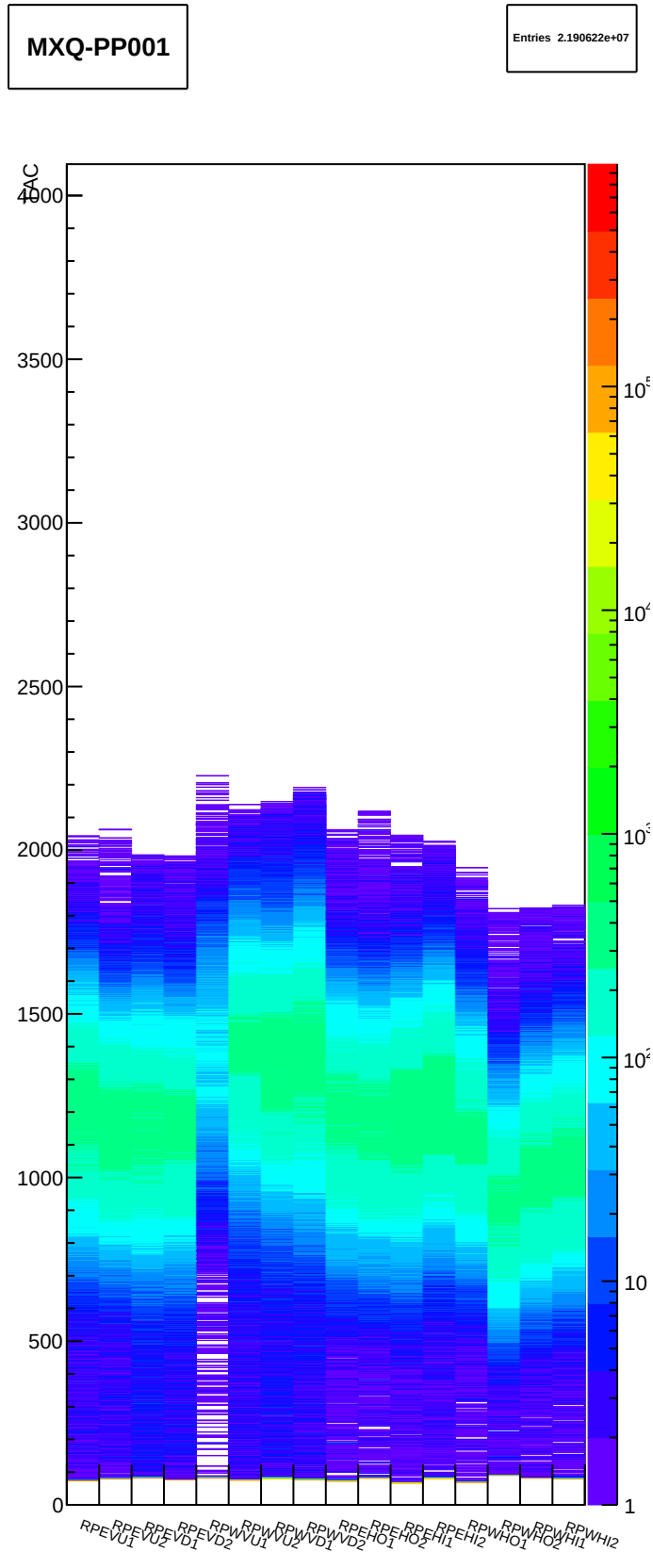

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2738278
TAC sum
1st-Best
2nd-Best
ID

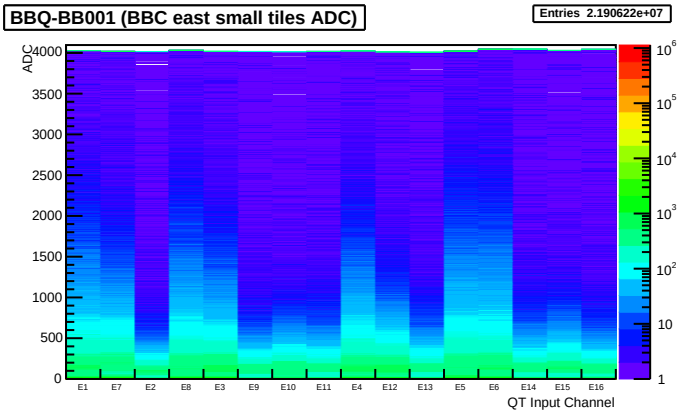

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2738278
TAC sum
1st-Best
2nd-Best
ID

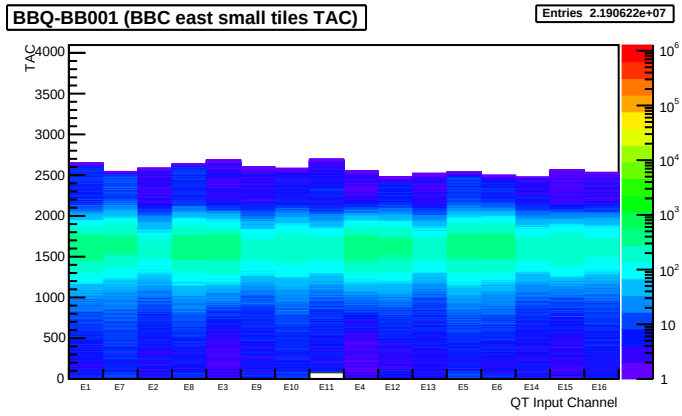

MIX-MT101 Input: VP003 Max TAC
Entries 1369139

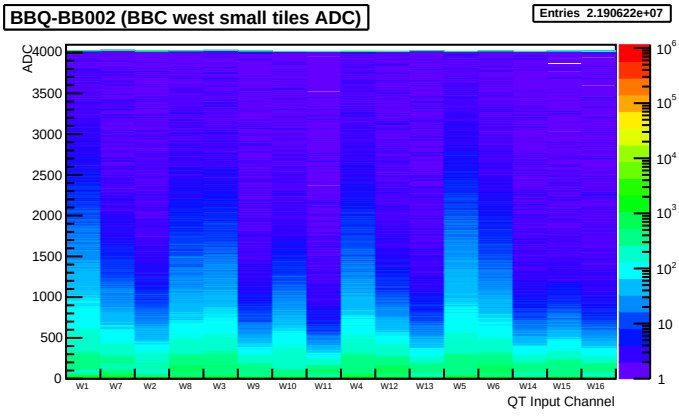

MIX-MT101 Input: VP004 Max TAC
Entries 1369139

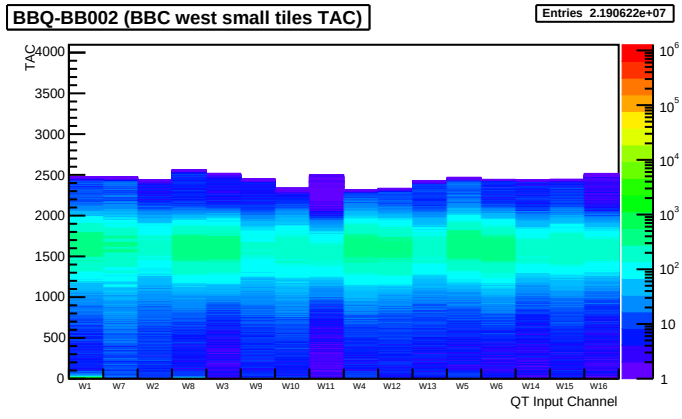

MXQ-PP001
Entries 2.190622e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

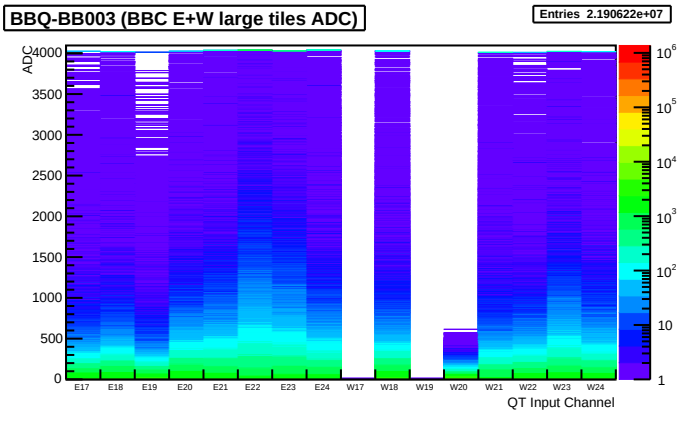

MXQ-PP001
Entries 2.190622e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

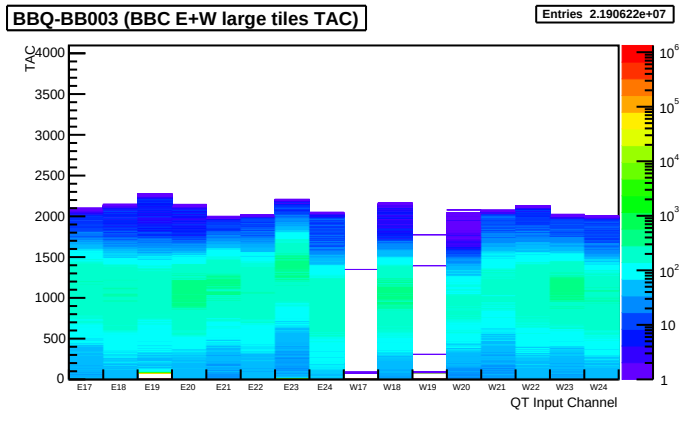

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.190622e+07
ADC
QT Input Channel

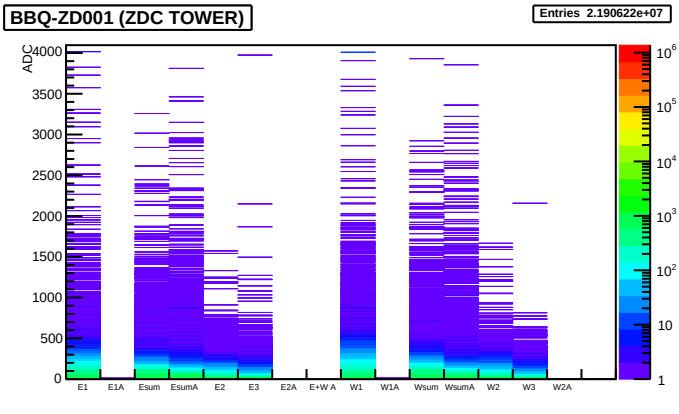

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.190622e+07
TAC
QT Input Channel

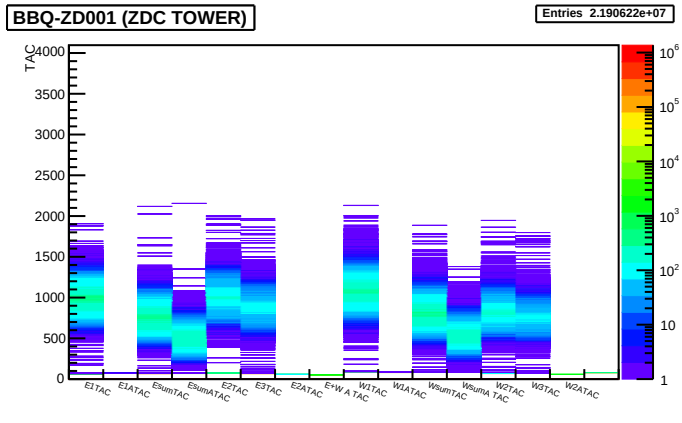

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.190622e+07
ADC
QT Input Channel

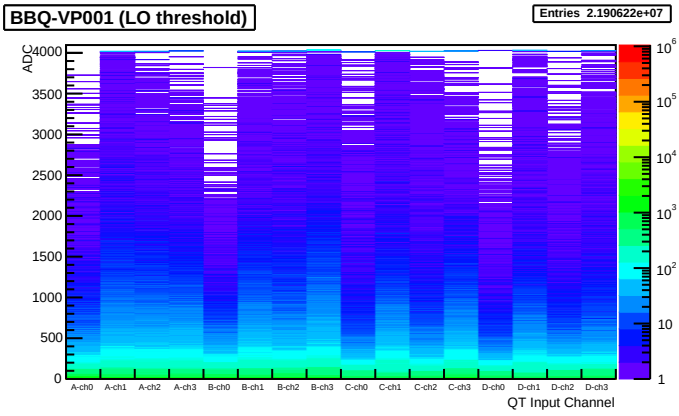

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.190622e+07
TAC
QT Input Channel

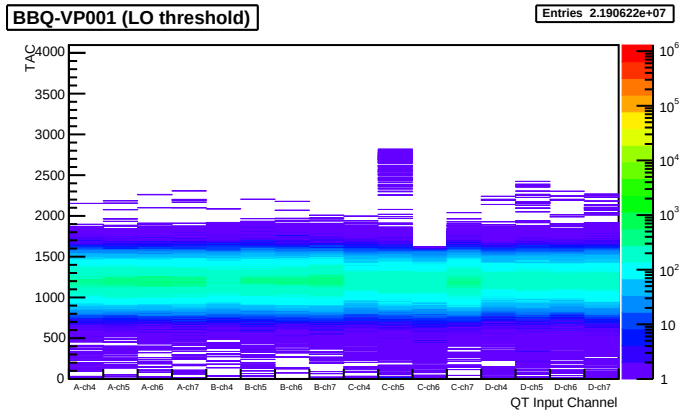

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.190622e+07
ADC
QT Input Channel

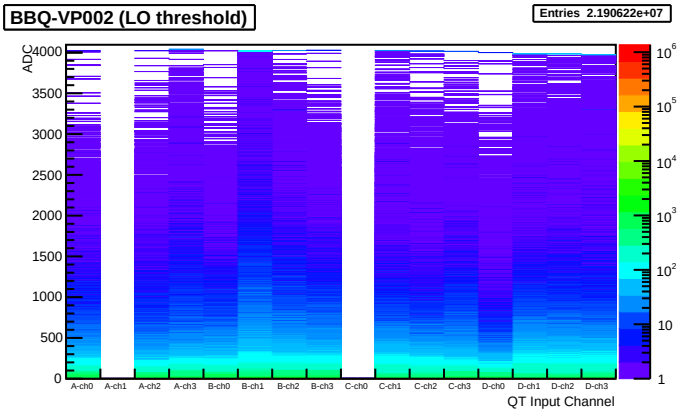

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.190622e+07
TAC
QT Input Channel

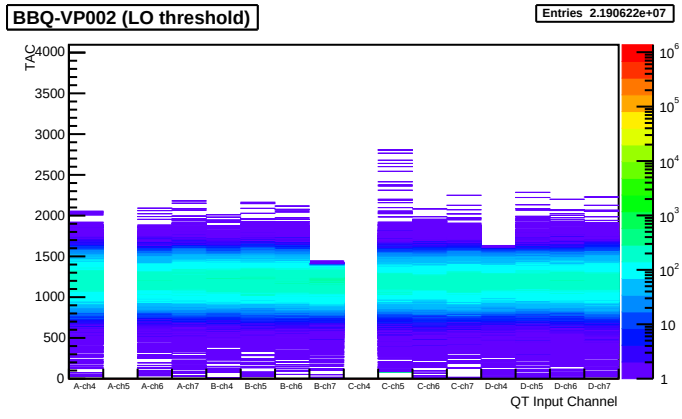

BBQ-ZD001 (ZDC TOWER)
Entries 2.190622e+07
ADC

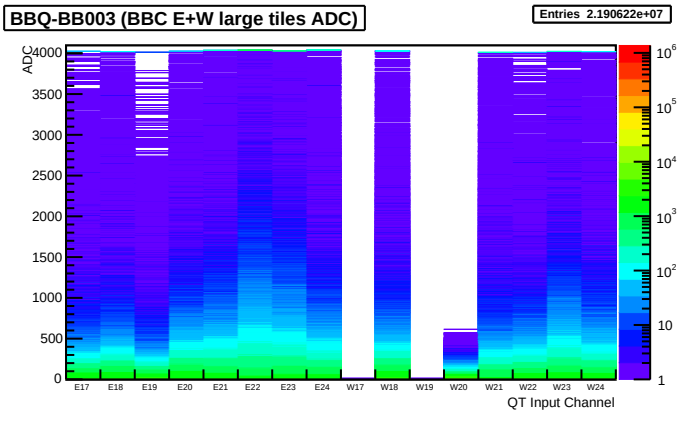

BBQ-ZD001 (ZDC TOWER)
Entries 2.190622e+07
TAC

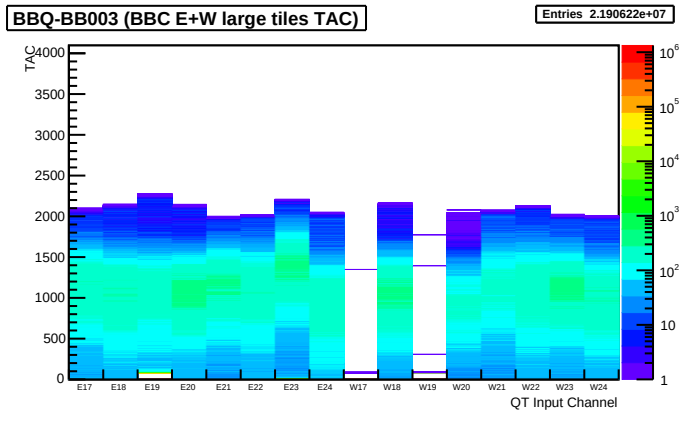

BBQ-VP001 (LO threshold)
Entries 2.190622e+07
ADC
QT Input Channel

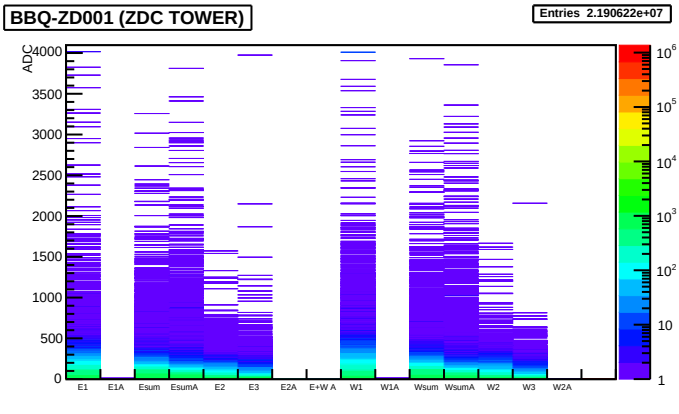

BBQ-VP001 (LO threshold)
Entries 2.190622e+07
TAC
QT Input Channel

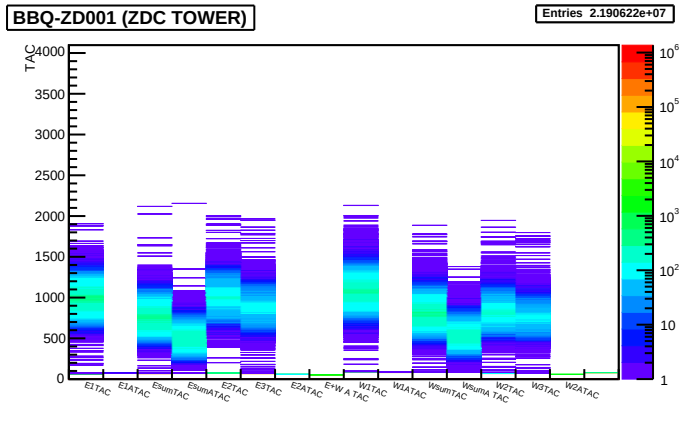

BBQ-VP002 (LO threshold)
Entries 2.190622e+07
ADC
QT Input Channel

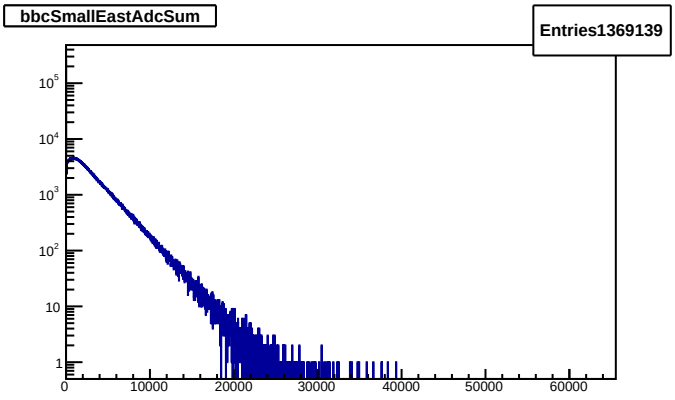

BBQ-VP002 (LO threshold)
Entries 2.190622e+07
TAC
QT Input Channel

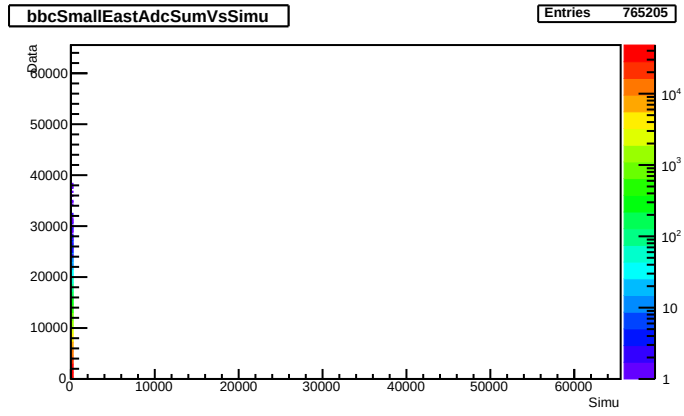

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.190622e+07
ADC
QT Input Channel

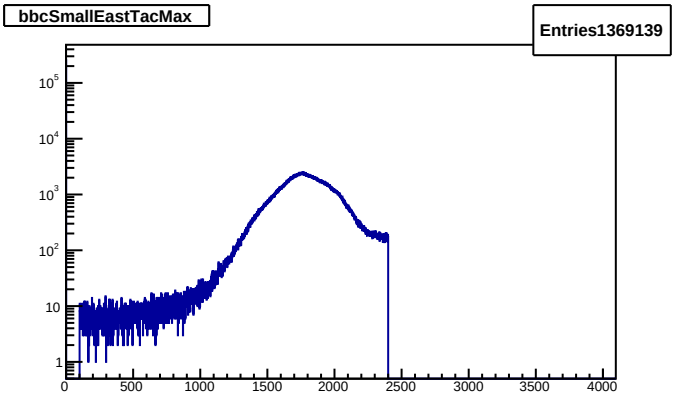

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.190622e+07
TAC
QT Input Channel

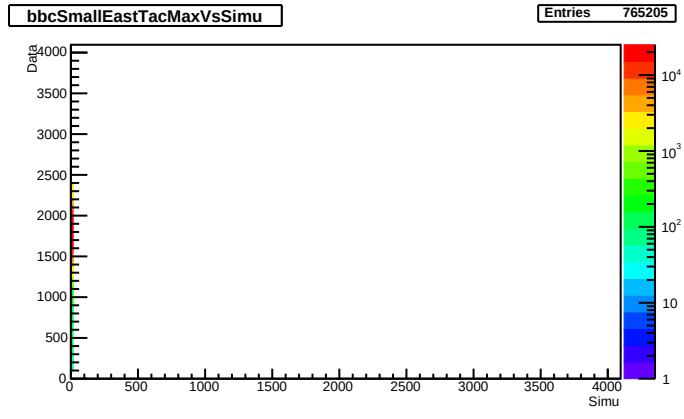

BBQ-ZD001 (ZDC TOWER)
Entries 2.190622e+07
ADC

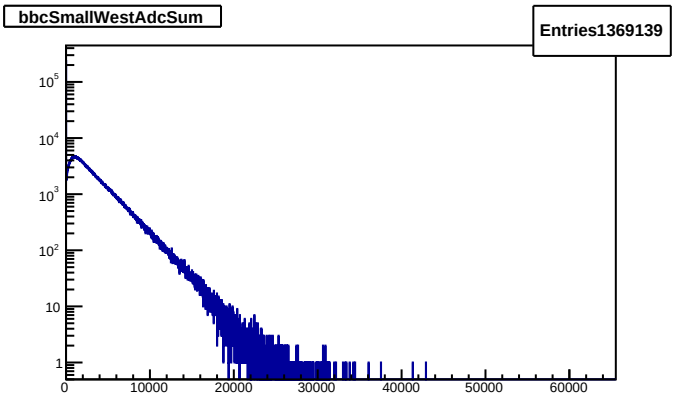

BBQ-ZD001 (ZDC TOWER)
Entries 2.190622e+07
TAC

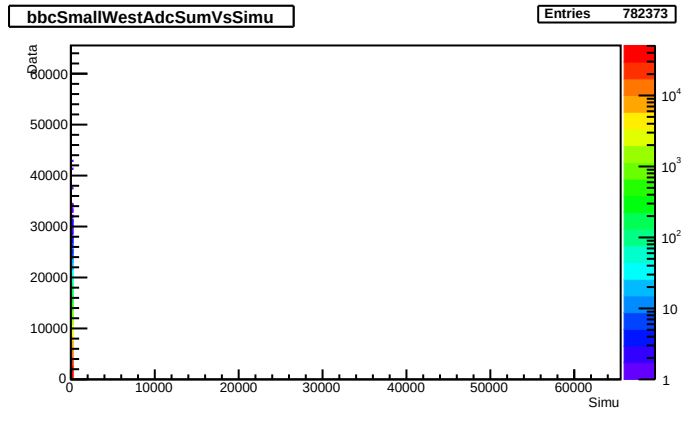

bbcSmallEastAdcSum
Entries1369139

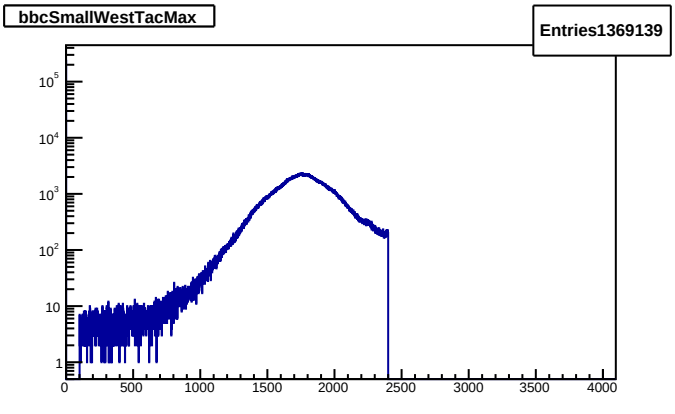

bbcSmallEastAdcSumVsSimu
Entries 765205
Data
Simu

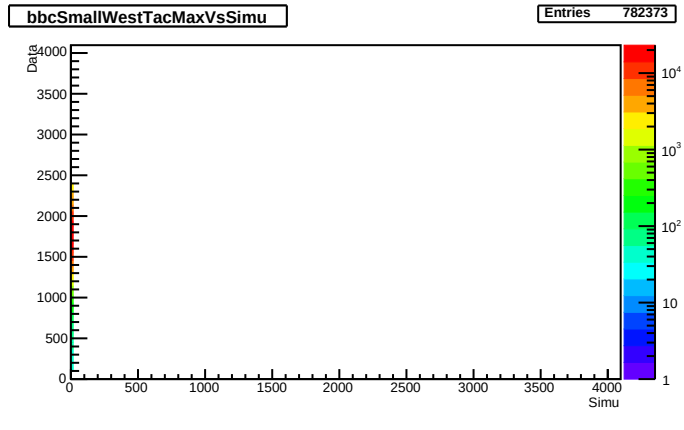

bbcSmallEastTacMax
Entries1369139

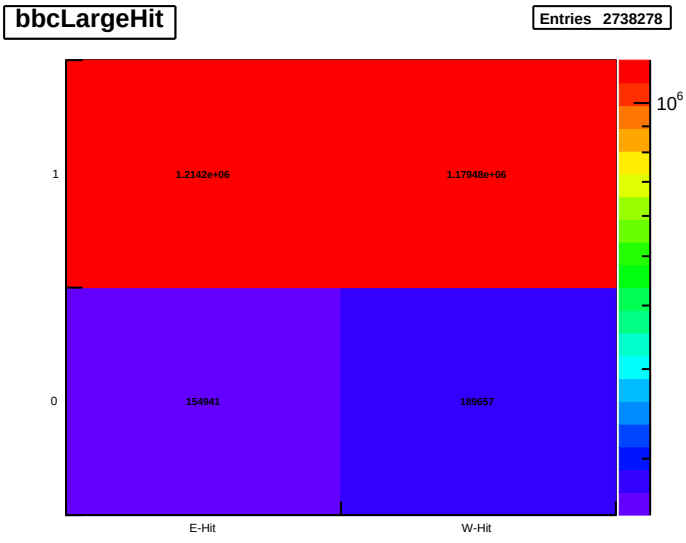

bbcSmallEastTacMaxVsSimu
Entries 765205
Data
Simu

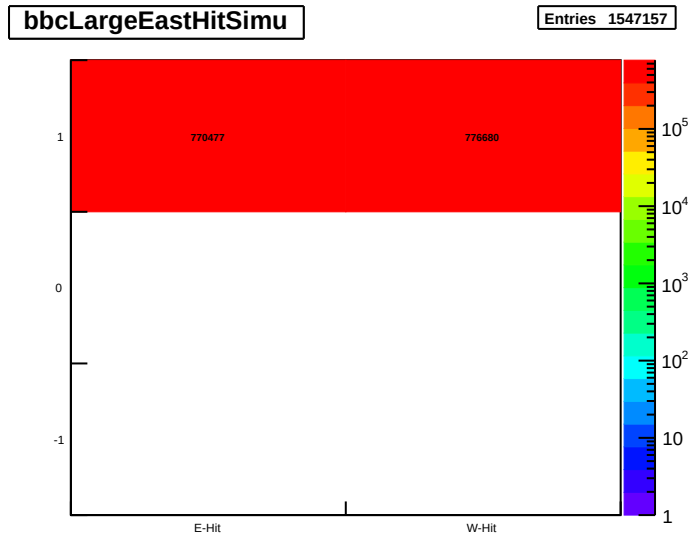

bbcSmallWestAdcSum
Entries1369139

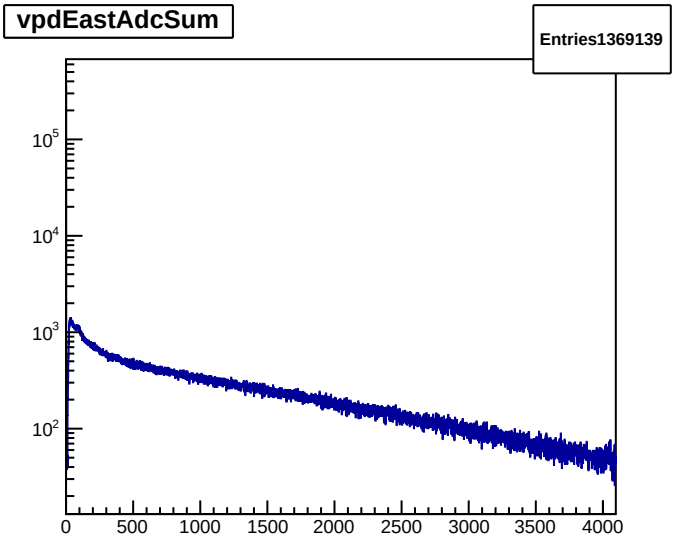

bbcSmallWestAdcSumVsSimu
Entries 782373
Data
Simu

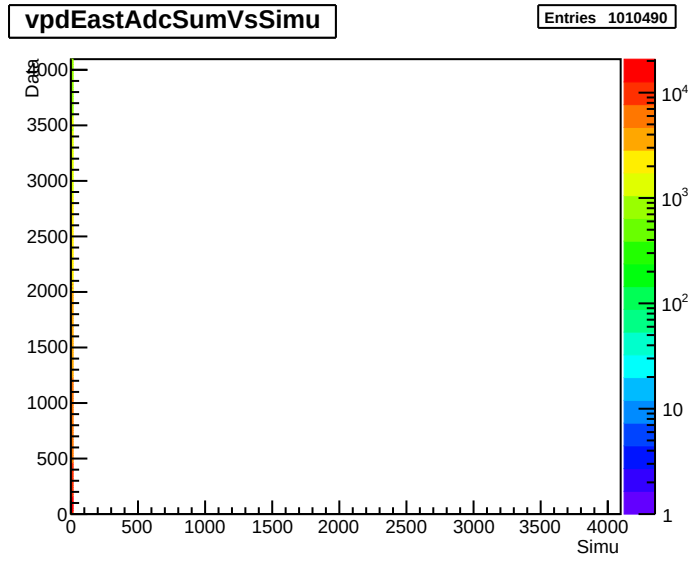

bbcSmallWestTacMax
Entries1369139

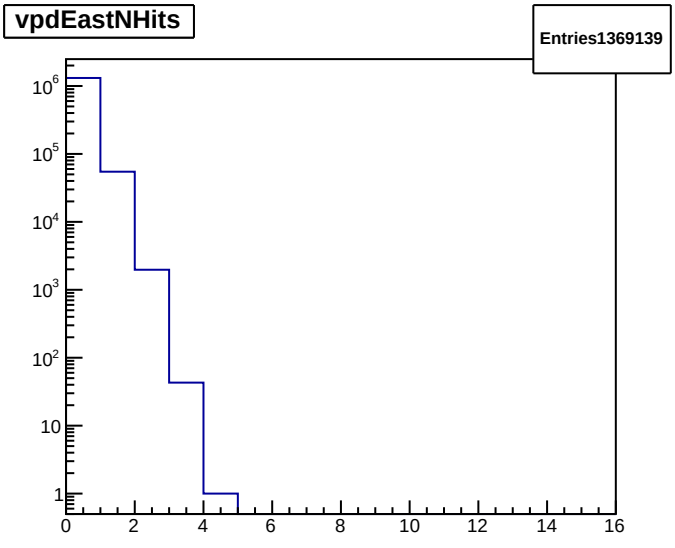

bbcSmallWestTacMaxVsSimu
Entries 782373
Data
Simu

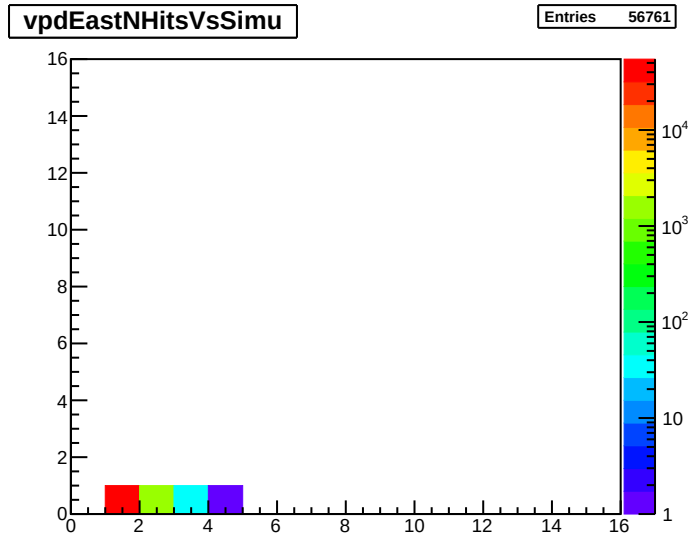

bbcLargeHit
Entries 2738278
1.2142e+06
1.17948e+06
154941
189657
1
0
E-Hit
W-Hit
10^6

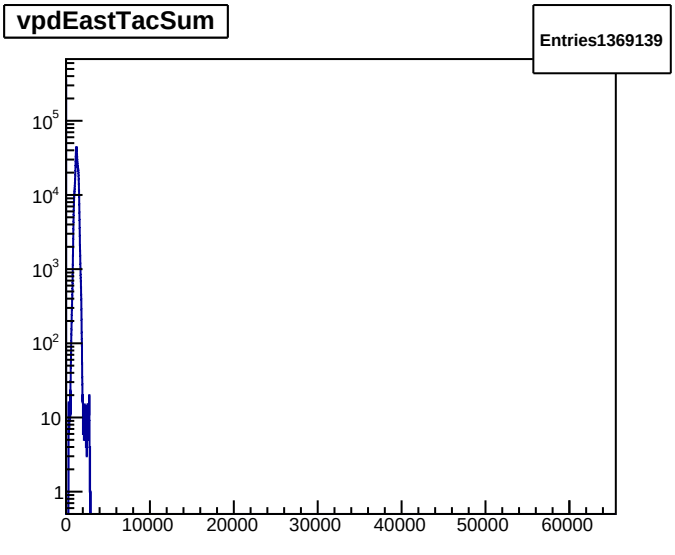

bbcLargeEastHitSimu
Entries 1547157
770477
776680
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

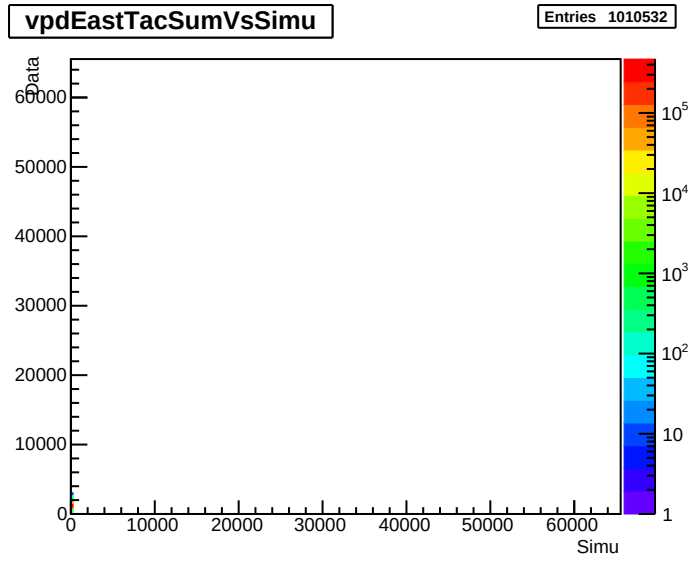

vpdEastAdcSum
Entries1369139

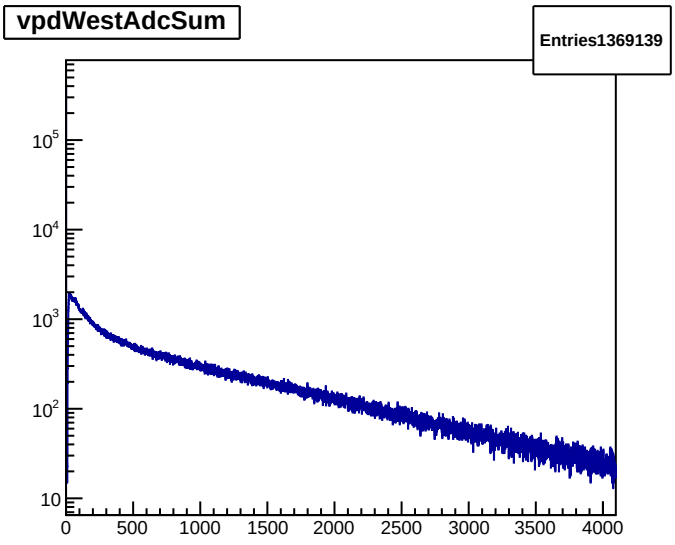

vpdEastAdcSumVsSimu
Entries 1010490
Data
Simu

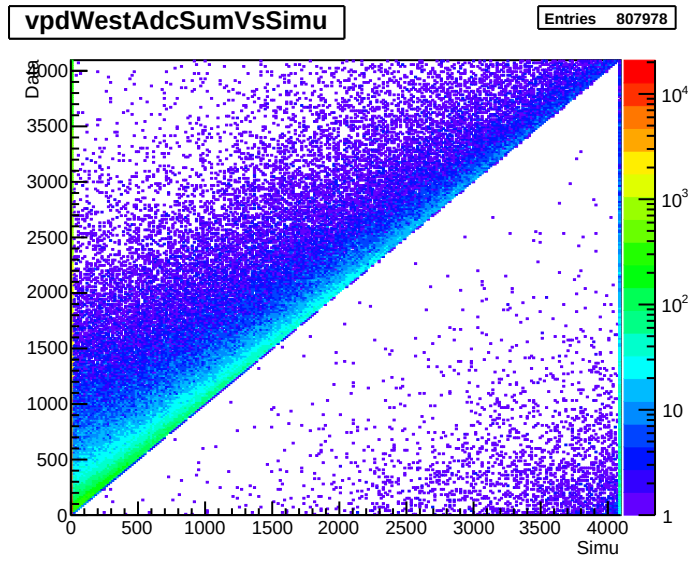

vpdEastNHits
Entries1369139

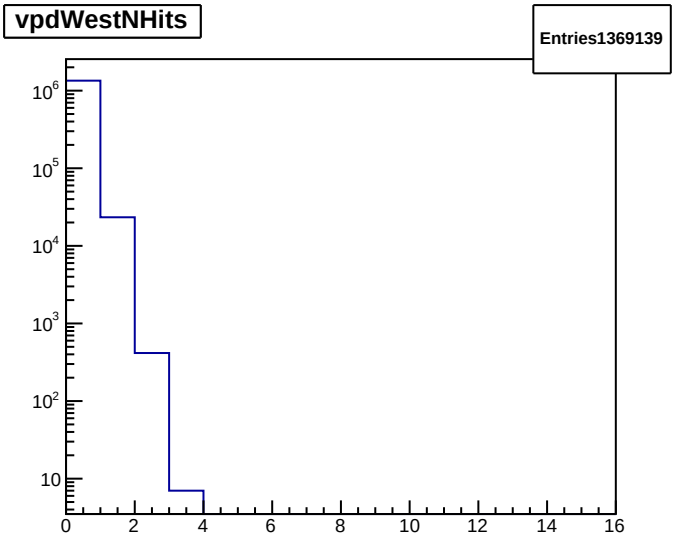

vpdEastNHitsVsSimu
Entries 56761

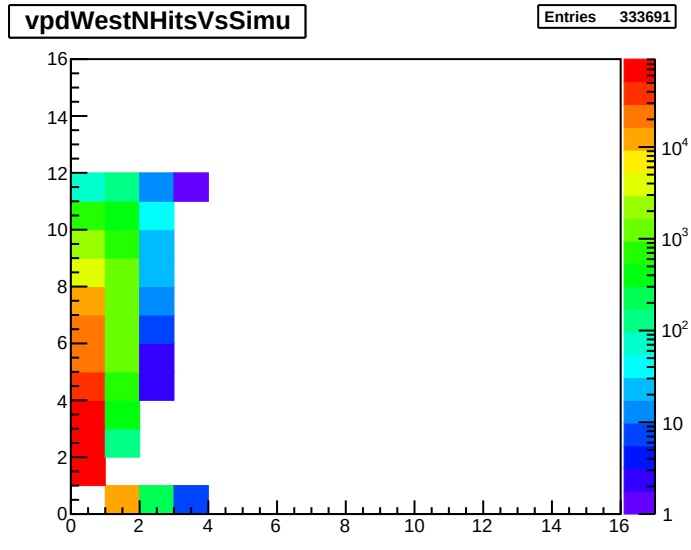

vpdEastTacSum
Entries1369139

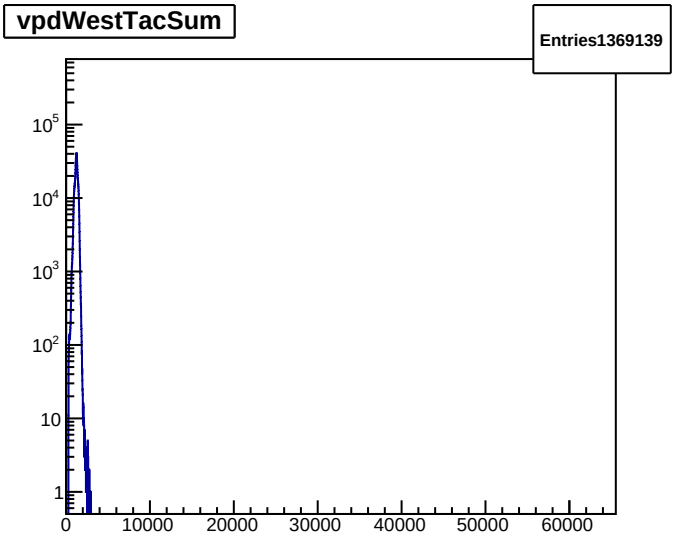

vpdEastTacSumVsSimu
Entries 1010532
Data
Simu

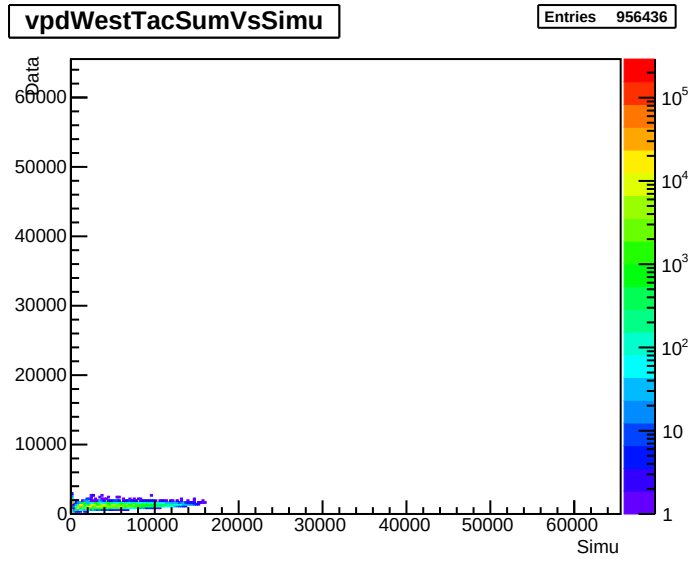

vpdWestAdcSum
Entries1369139

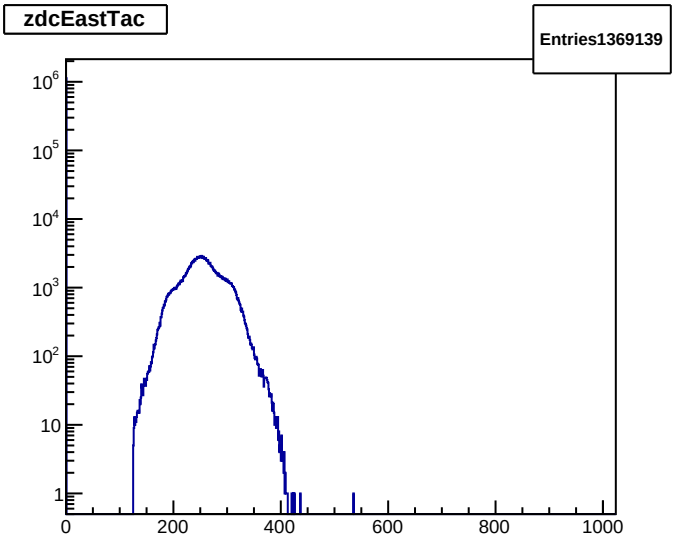

vpdWestAdcSumVsSimu
Entries 807978
Data
Simu

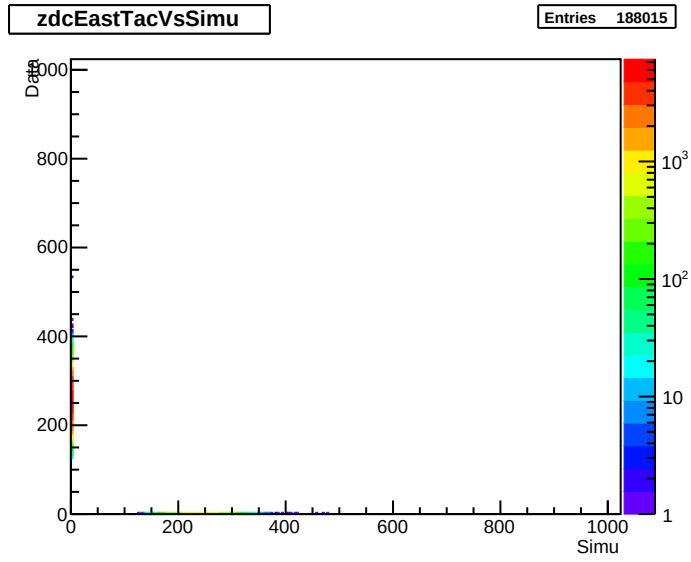

vpdWestNHits
Entries1369139

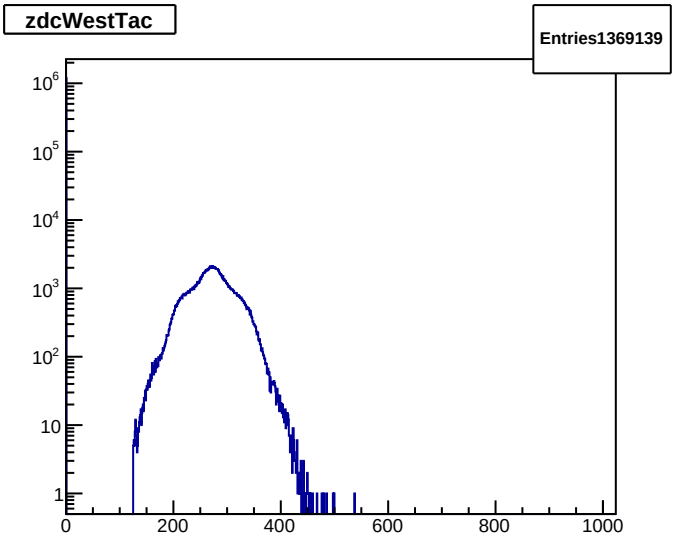

vpdWestNHitsVsSimu
Entries 333691

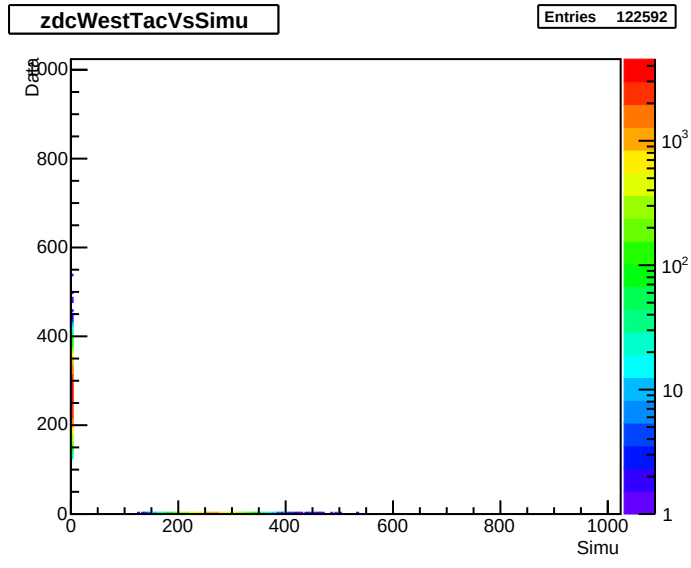

vpdWestTacSum
Entries1369139

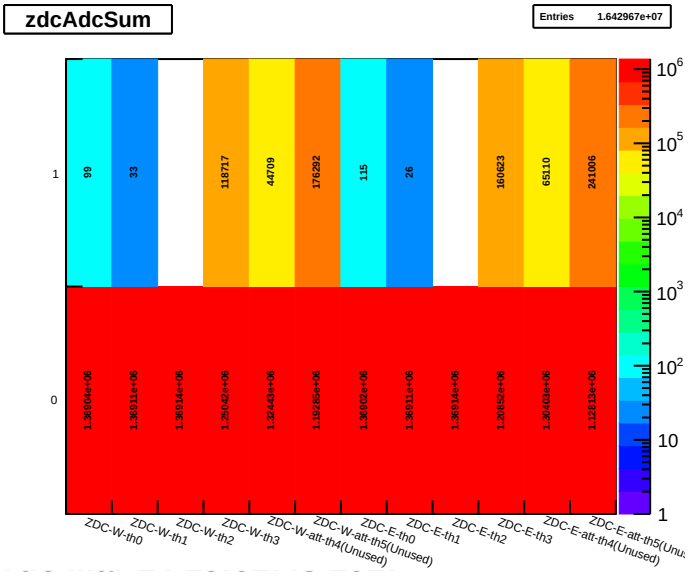

vpdWestTacSumVsSimu
Entries 956436
Data
Simu

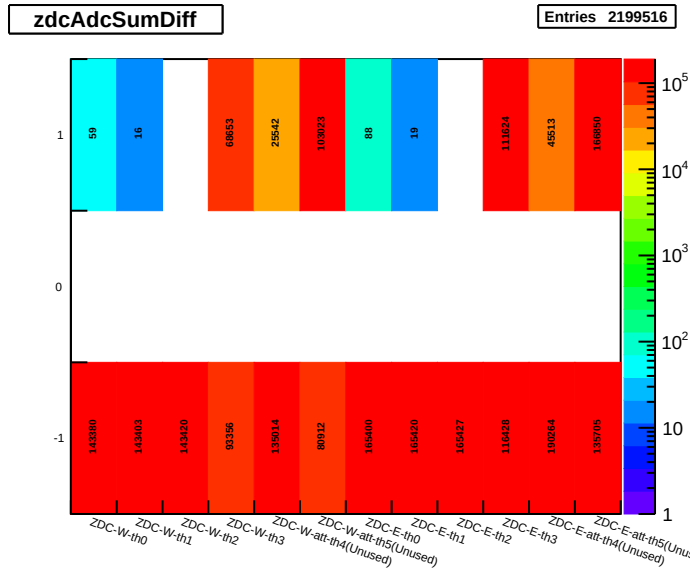

zdcEastTac
Entries1369139

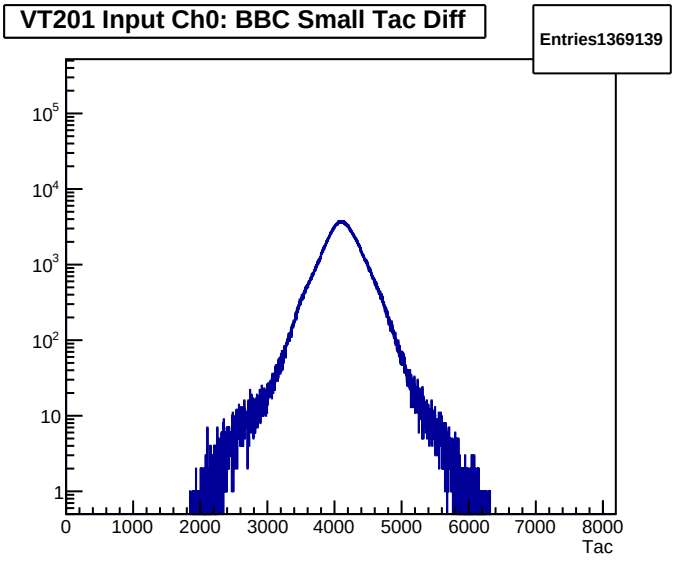

zdcEastTacVsSimu
Entries 188015
Data
Simu

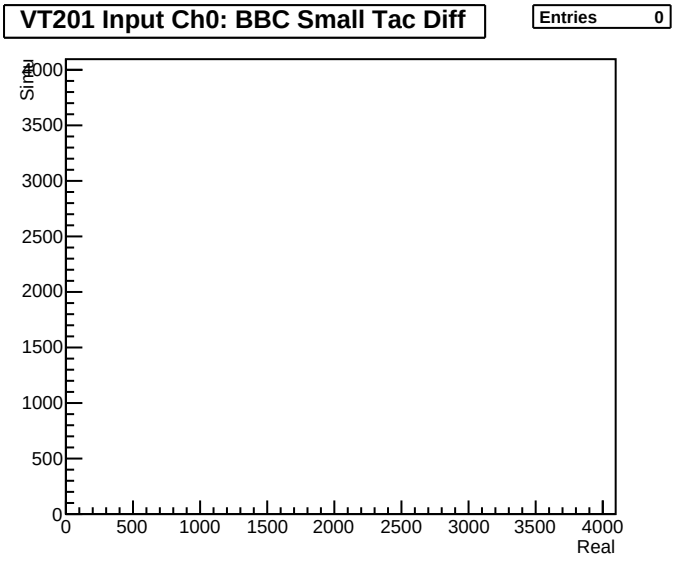

zdcWestTac
Entries1369139

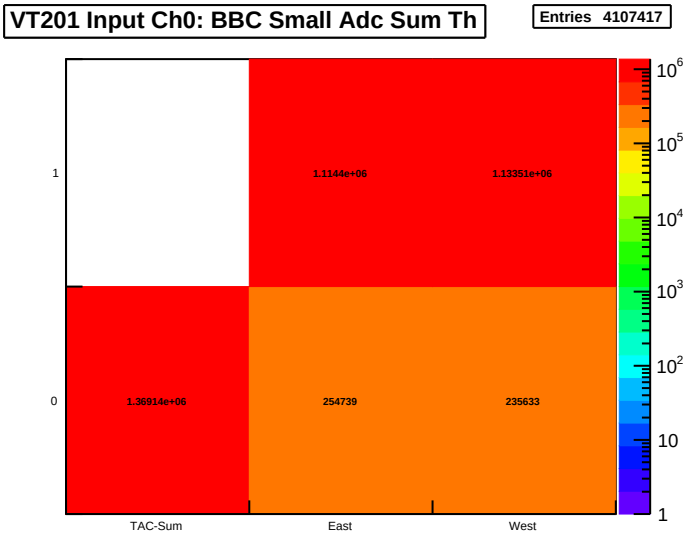

zdcWestTacVsSimu
Entries 122592
Data
Simu

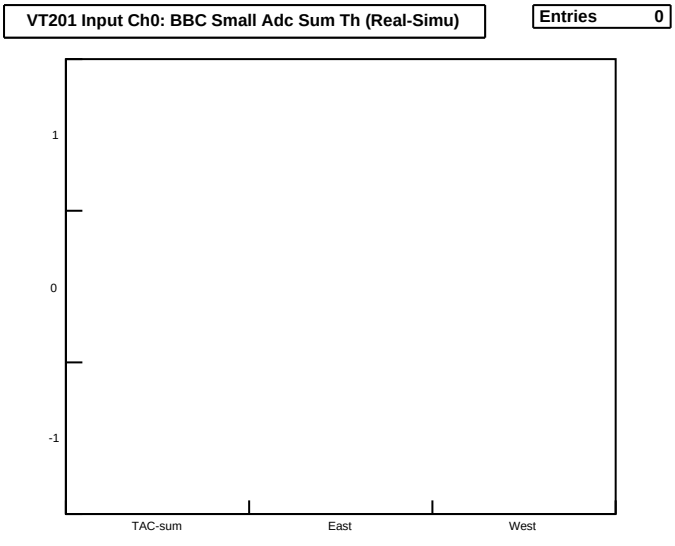

zdcAdcSum
Entries 1.642967e+07
99
33
118717
44709
176292
115
26
160623
65110
241006
1.36904e+06
1.36911e+06
1.36914e+06
1.25042e+06
1.32443e+06
1.19285e+06
1.36902e+06
1.36911e+06
1.36914e+06
1.20852e+06
1.30403e+06
1.12813e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

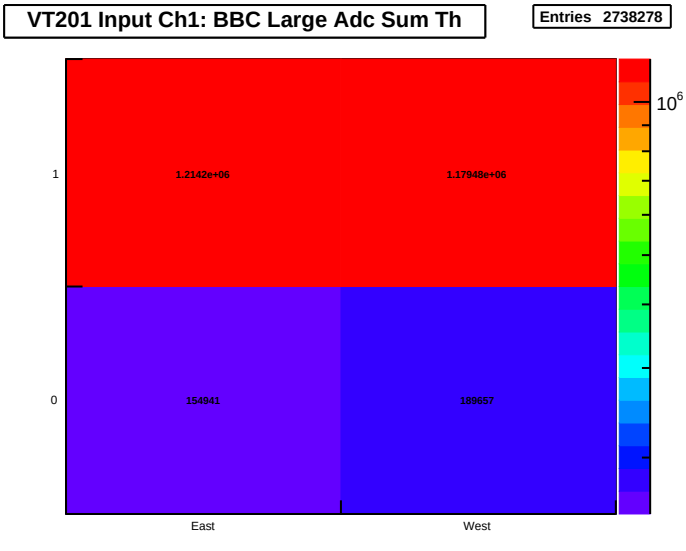

zdcAdcSumDiff
Entries 2199516
59
16
68553
25542
103223
88
19
111524
45513
166950
143380
143403
143420
93356
135014
80912
165400
165420
165427
116428
190264
135705
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

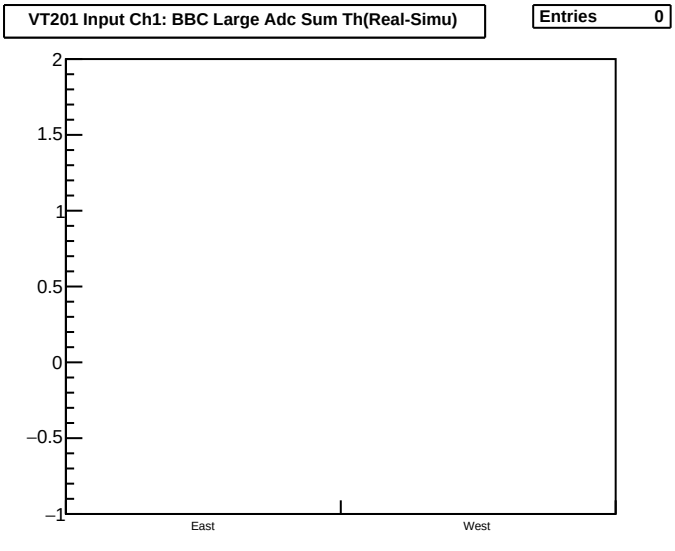

VT201 Input Ch0: BBC Small Tac Diff
Entries1369139
Tac


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

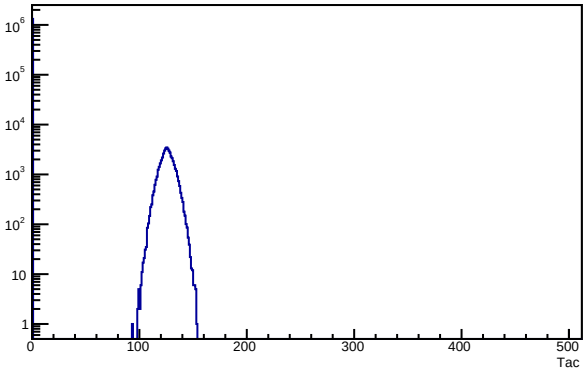

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4107417
1.1144e+06
1.13351e+06
1.36914e+06
254739
235633
TAC-Sum
East
West


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

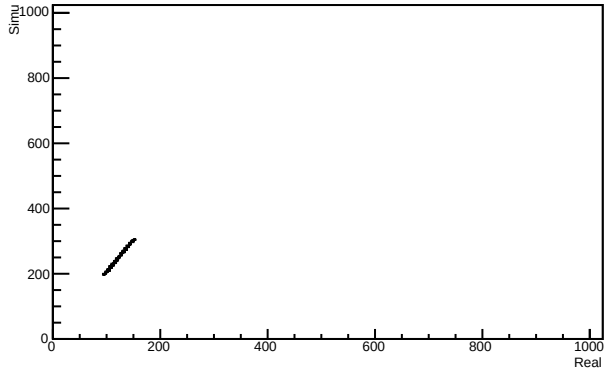

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2738278
1.2142e+06
1.17948e+06
154941
189657
East
West


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

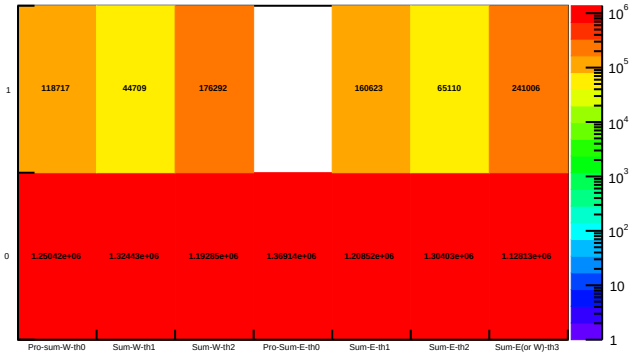
VT201 Input Ch2: ZDC Tac Diff



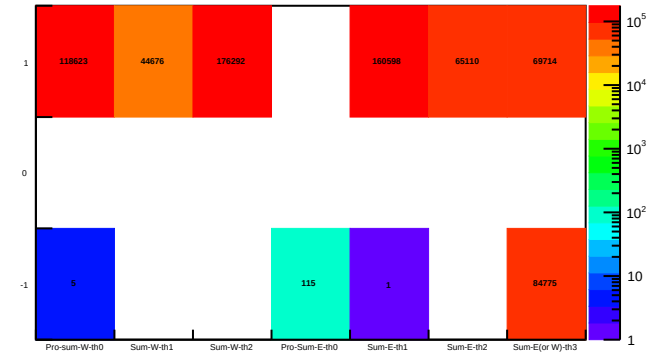
VT201 Input Ch2: ZDC Tac Diff



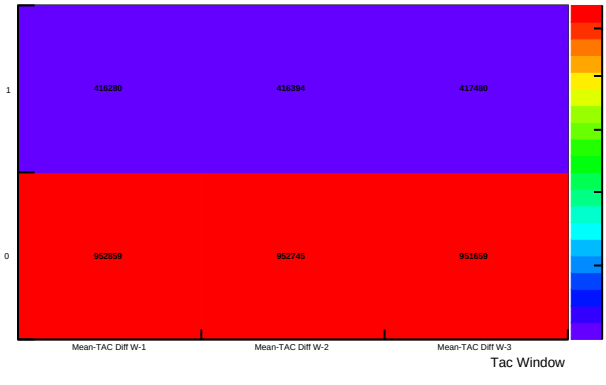
VT201 Input Ch2: ZDC Adc Sum Th



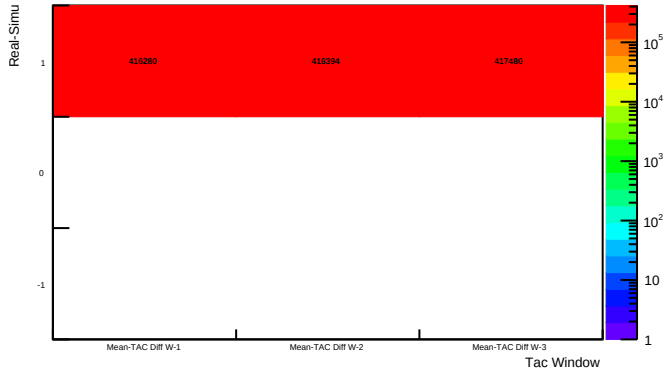
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



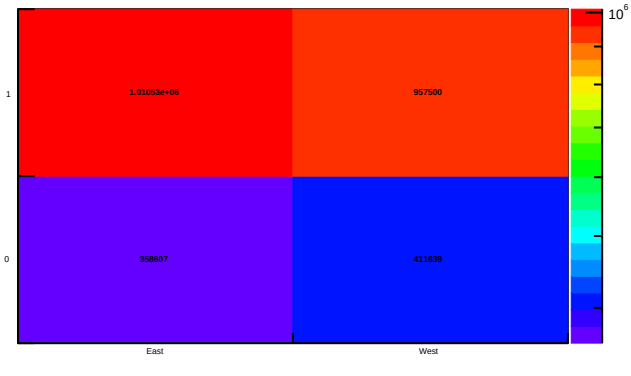
VT201 Input Ch4: VPD Tac Diff



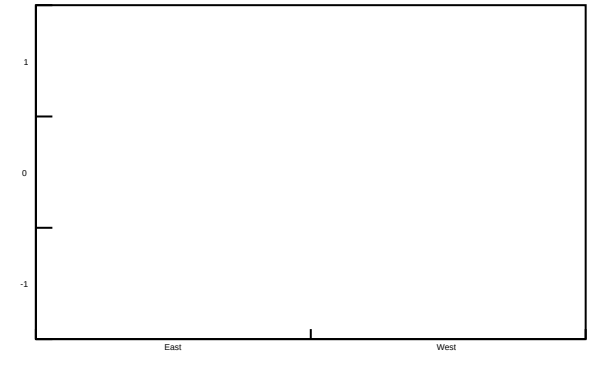
VT201 Input Ch4: VPD Tac Diff

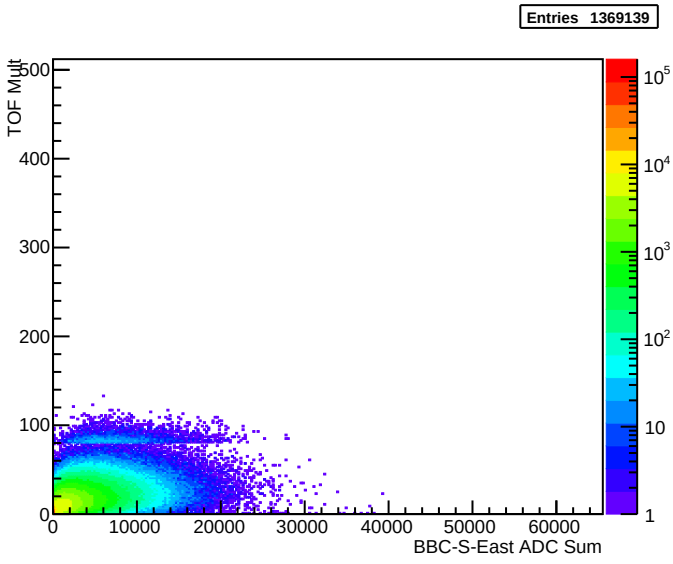


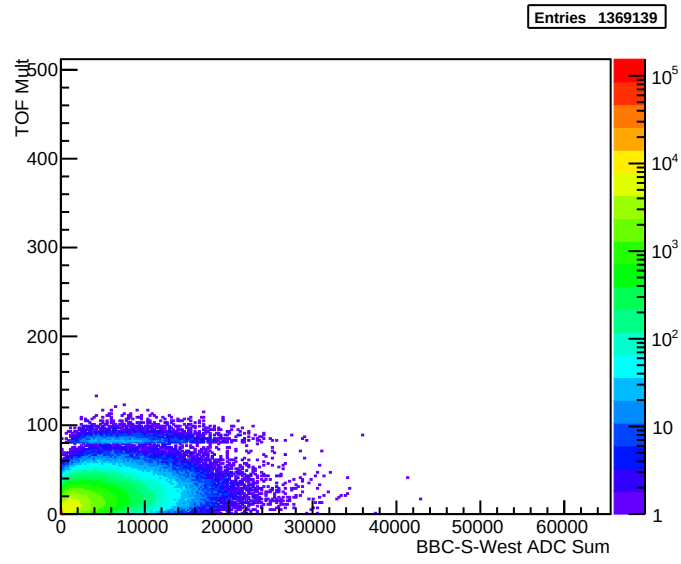
VT201 Input Ch4: VPD Adc Sum Th

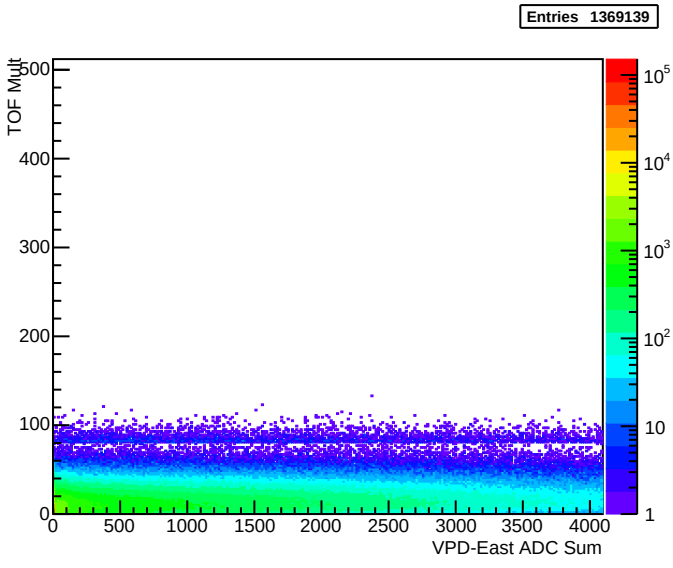


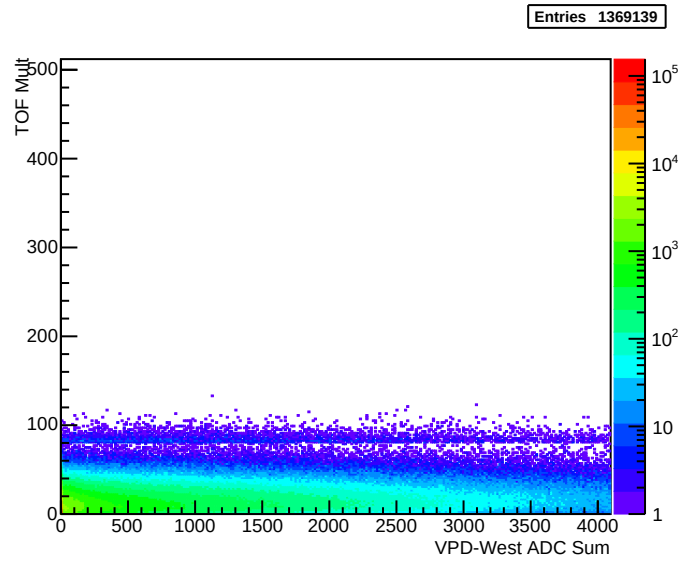
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

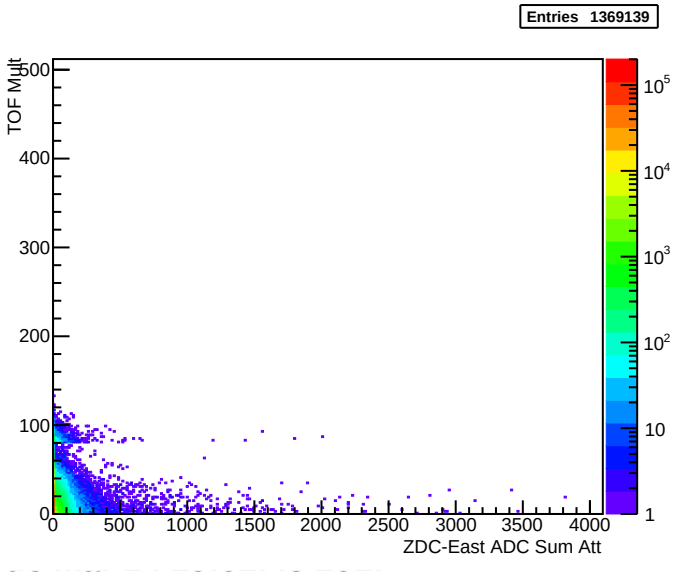


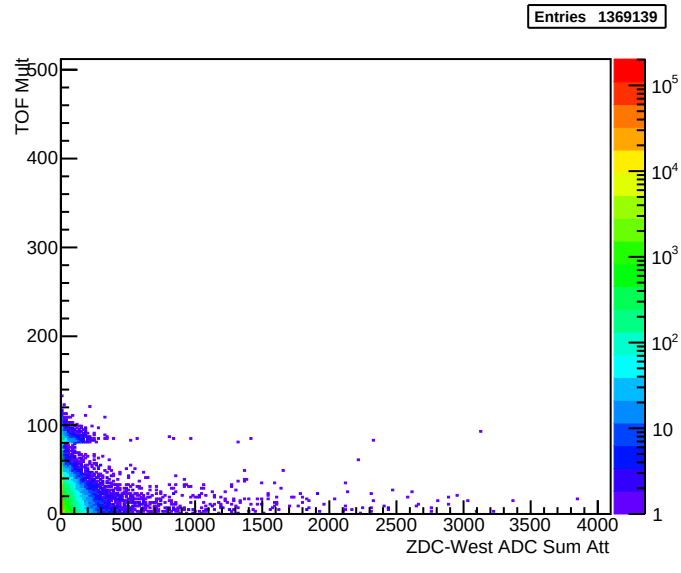

Entries 1369139
TOF Mult
BBC-S-East ADC Sum

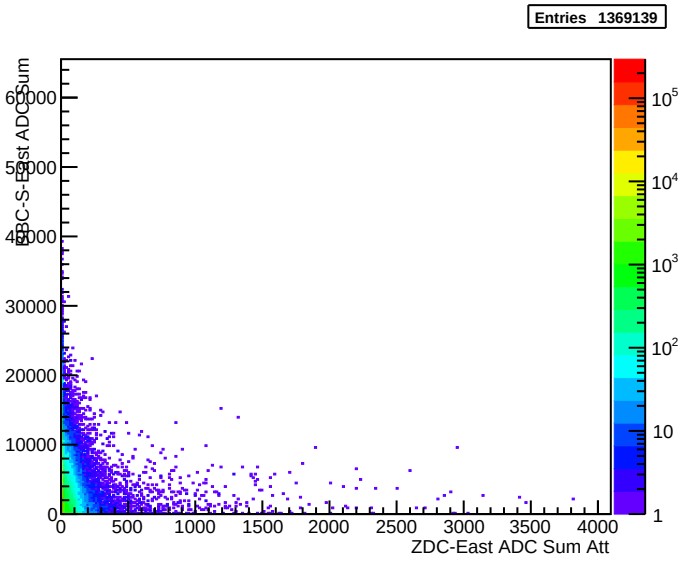

Entries 1369139
TOF Mult
BBC-S-West ADC Sum

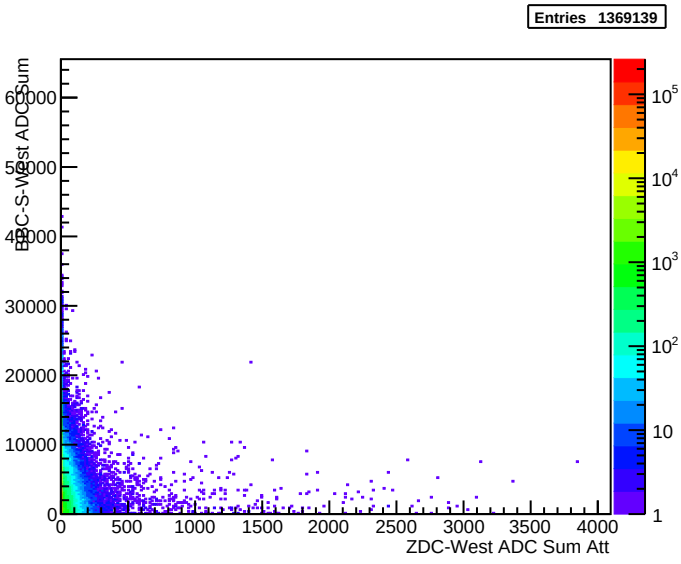

Entries 1369139
TOF Mult
VPD-East ADC Sum

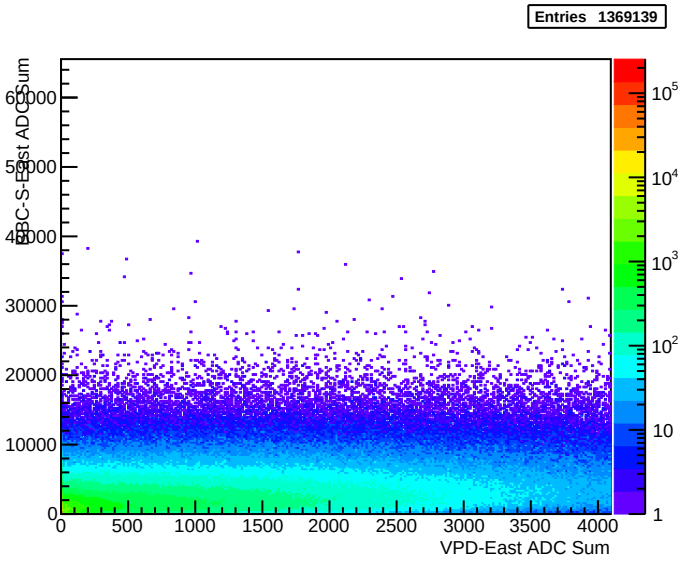

Entries 1369139
TOF Mult
VPD-West ADC Sum

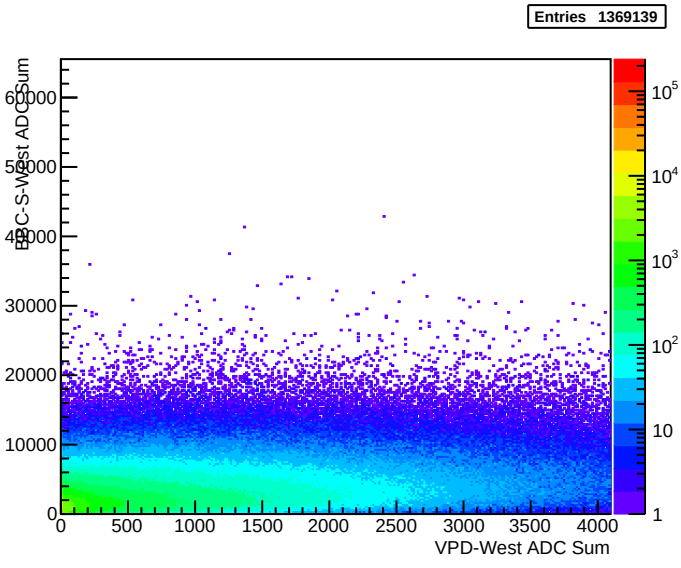

Entries 1369139
TOF Mult
ZDC-East ADC Sum Att

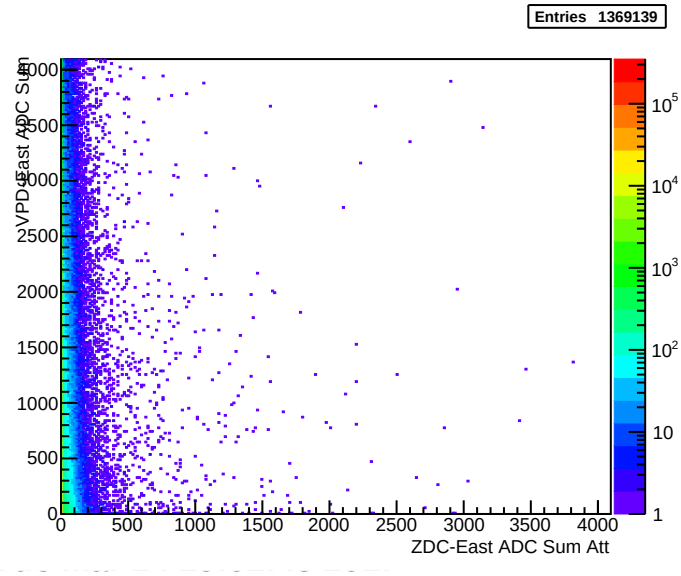

Entries 1369139
TOF Mult
ZDC-West ADC Sum Att

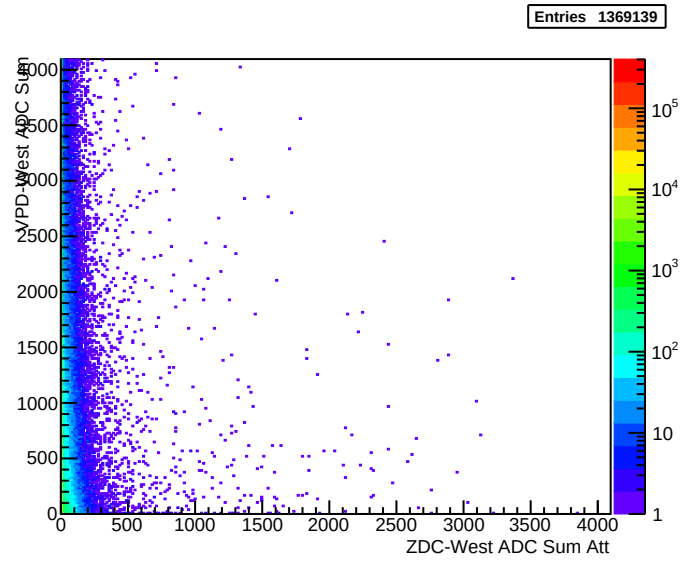

Entries 1369139
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

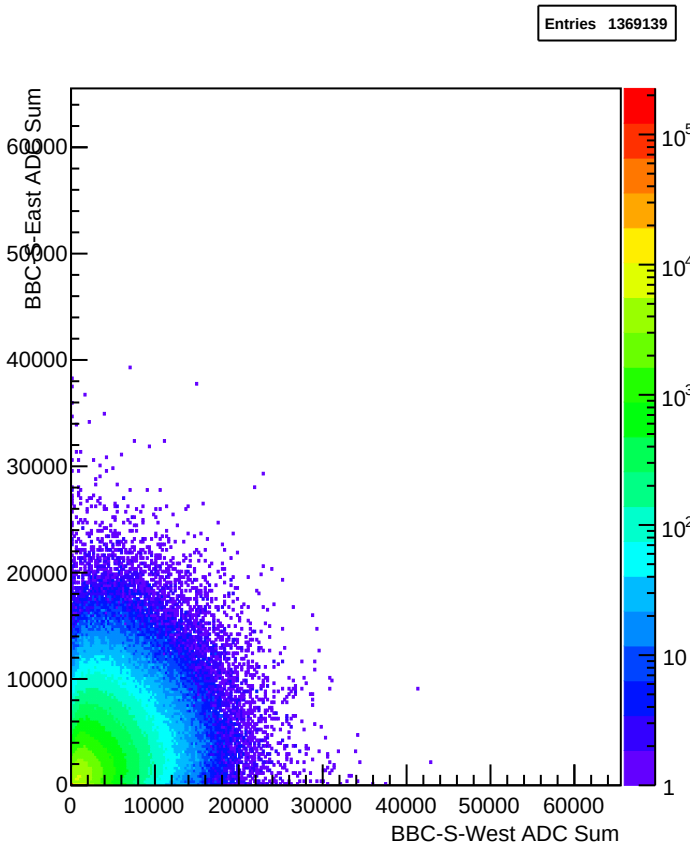

Entries 1369139
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

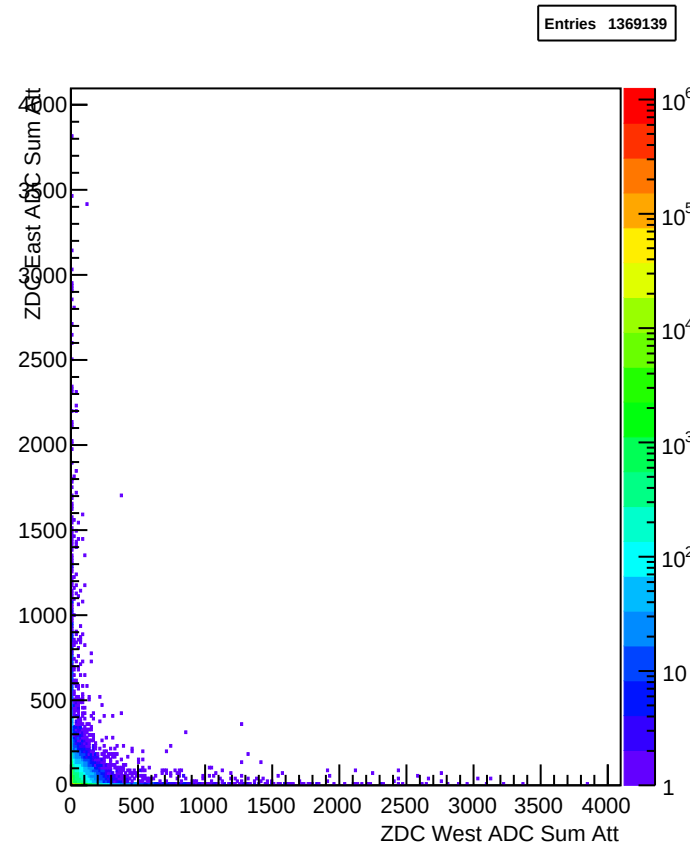

Entries 1369139
BBC-S-East ADC Sum
VPD-East ADC Sum

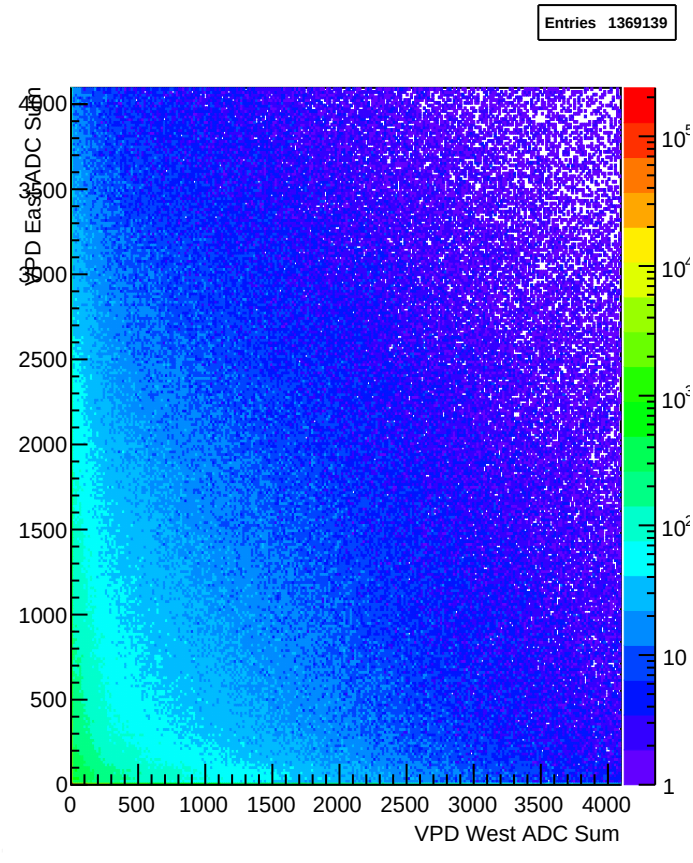

Entries 1369139
BBC-S-West ADC Sum
VPD-West ADC Sum

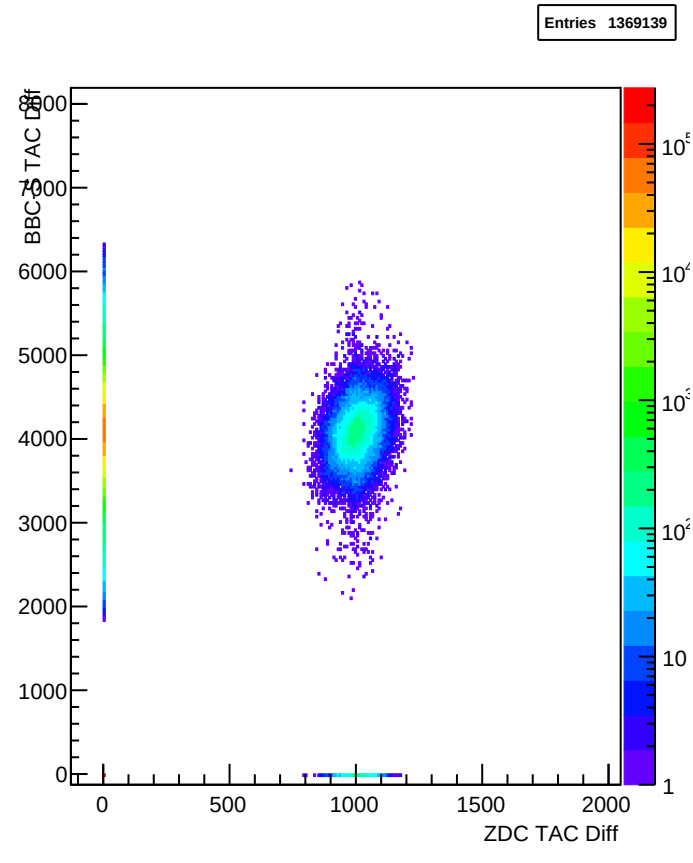

Entries 1369139
VPD-East ADC Sum
ZDC-East ADC Sum Att

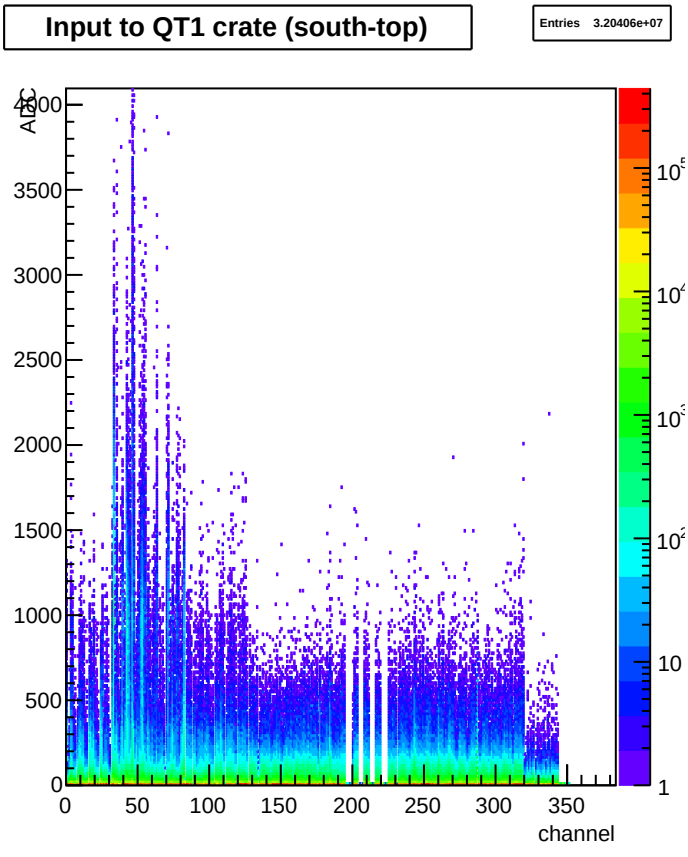

Entries 1369139
VPD-West ADC Sum
ZDC-West ADC Sum Att

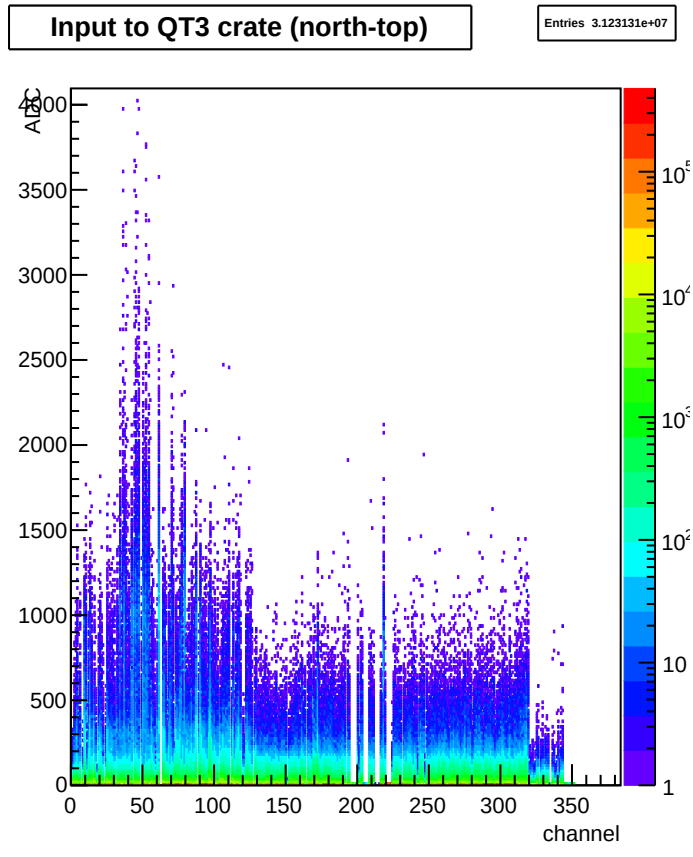

Entries 1369139
BBC-S-East ADC Sum
BBC-S-West ADC Sum

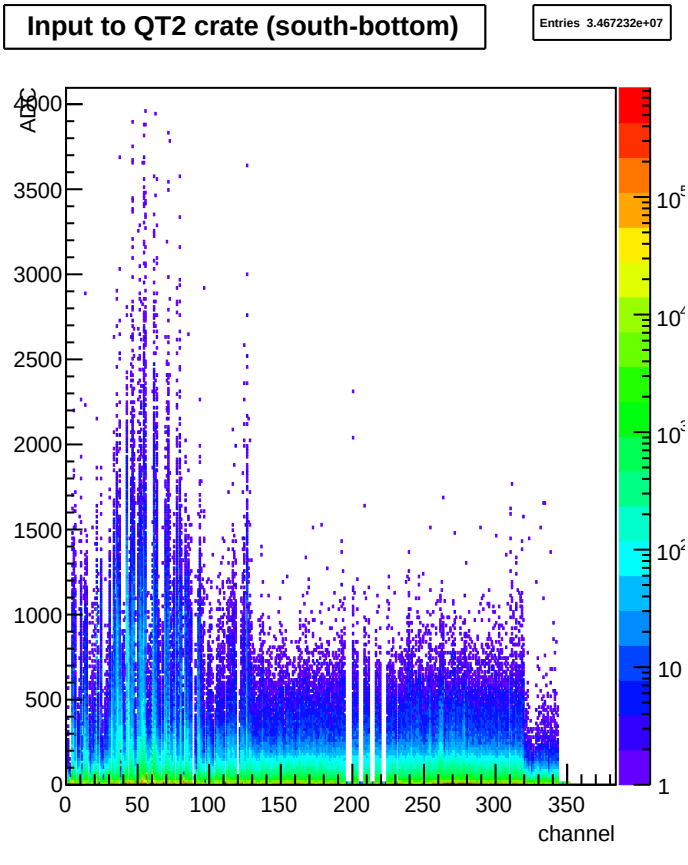

Entries 1369139
ZDC East ADC Sum Att
ZDC West ADC Sum Att

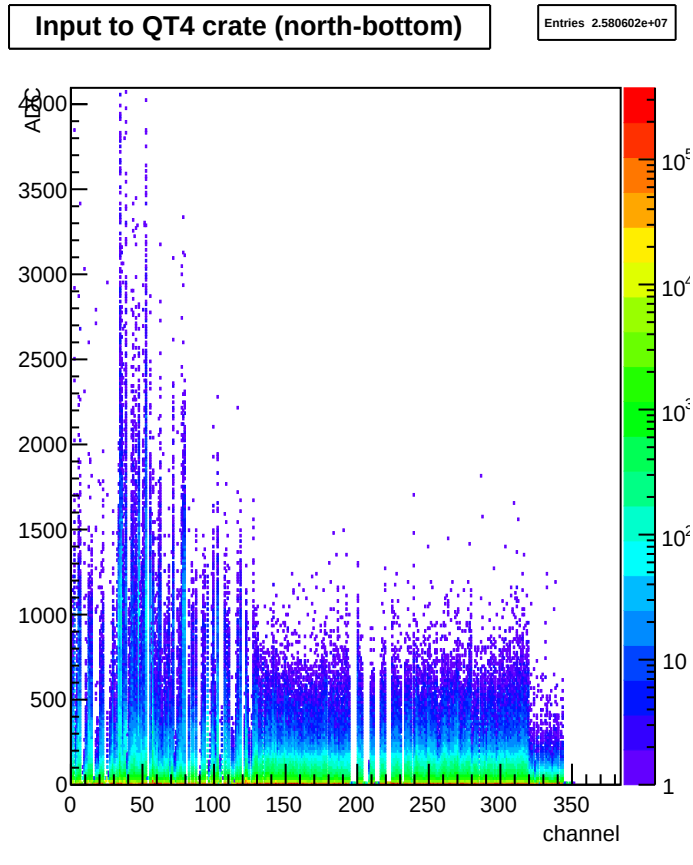

Entries 1369139
VPD East ADC Sum
VPD West ADC Sum

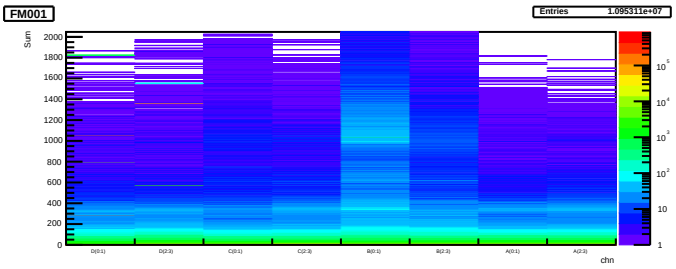

Entries 1369139
BBC-S TAC Diff
ZDC TAC Diff

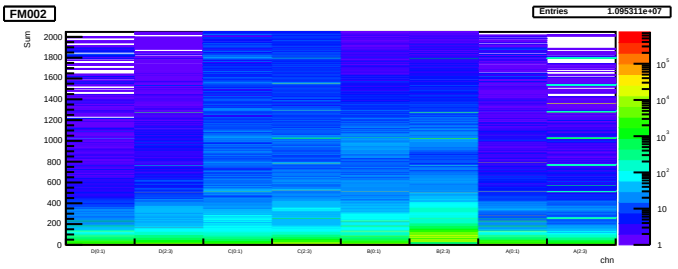

Input to QT1 crate (south-top)
Entries 3.20406e+07
ADC
channel

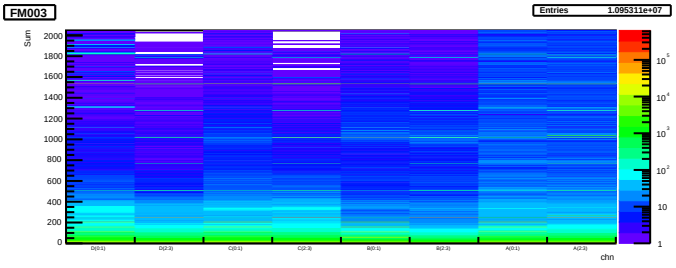

Input to QT3 crate (north-top)
Entries 3.123131e+07
ADC
channel

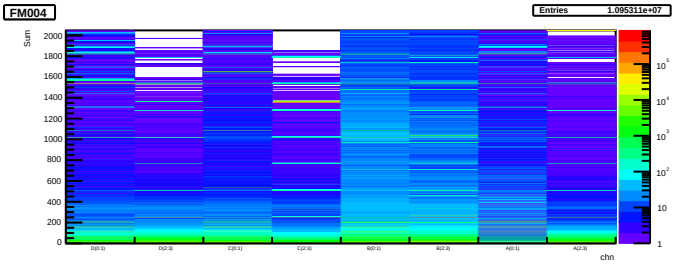

Input to QT2 crate (south-bottom)
Entries 3.467232e+07
ADC
channel

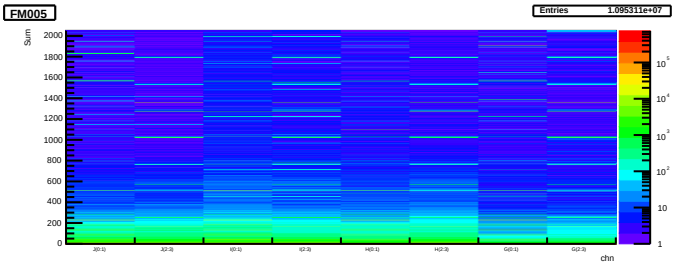

Input to QT4 crate (north-bottom)
Entries 2.580602e+07
ADC
channel

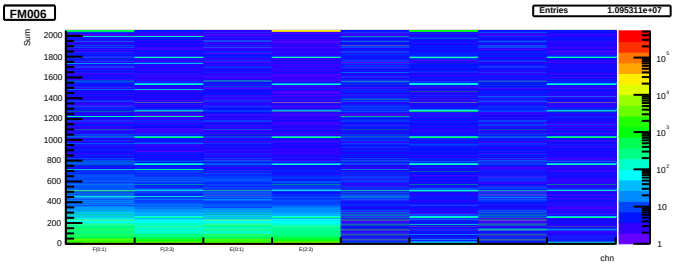

FM001
Entries 1.095311e+07
Sum
chn

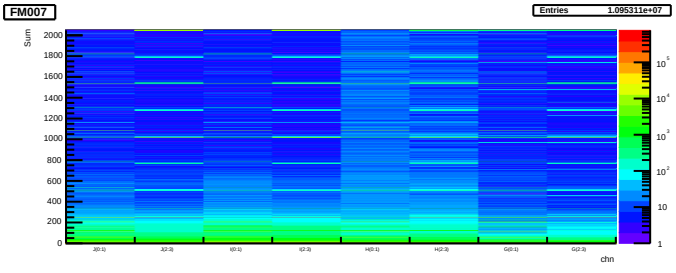

FM002
Entries 1.095311e+07
Sum
chn


FM003
Entries 1.095311e+07
Sum
chn


FM004
Entries 1.095311e+07
Sum
chn


FM005
Entries 1.095311e+07
Sum
chn


FM006
Entries 1.095311e+07
Sum
chn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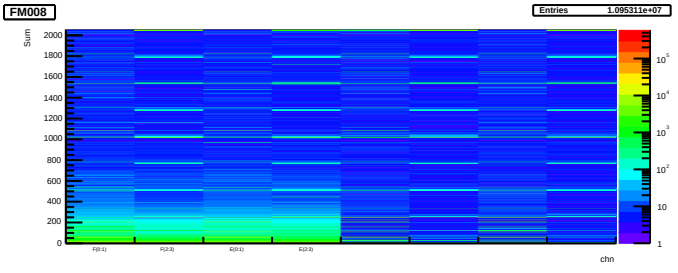
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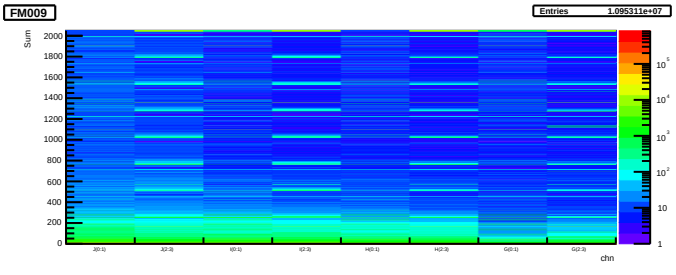
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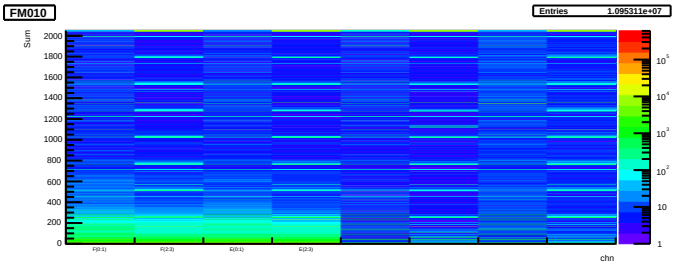
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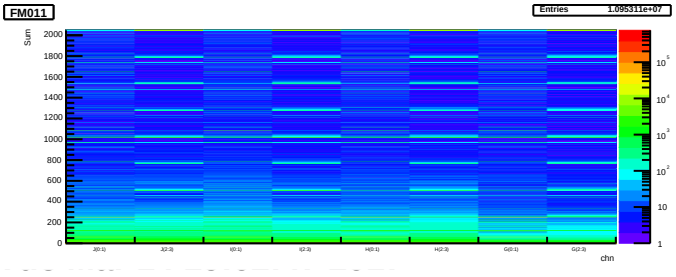
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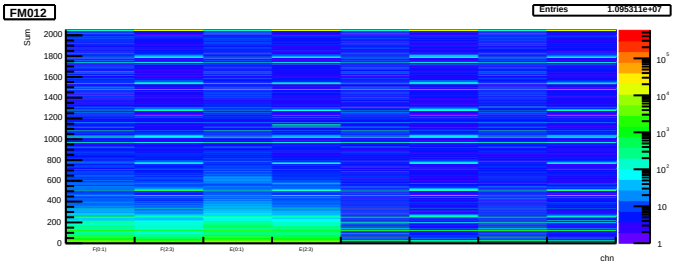
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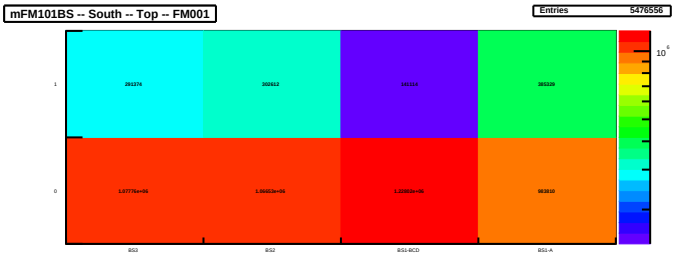
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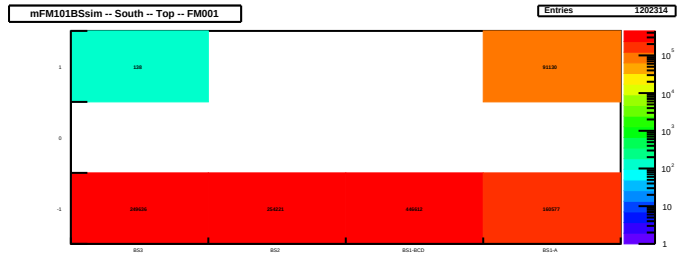
Entries 5476556
BS3
BS2
BS1-BCD
BS1-A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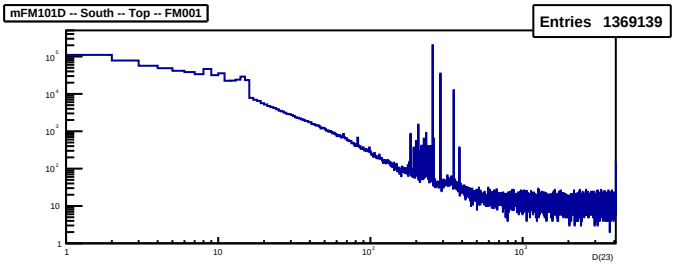
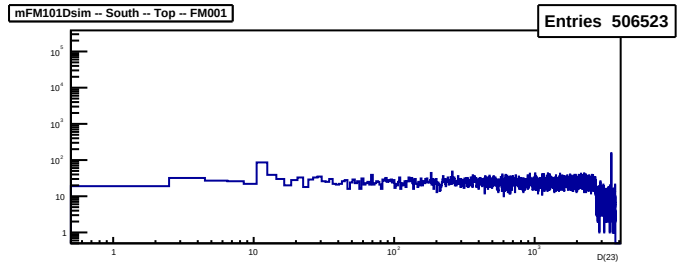

mFM101D -- South -- Top -- FM001
Entries 1369139
D(23)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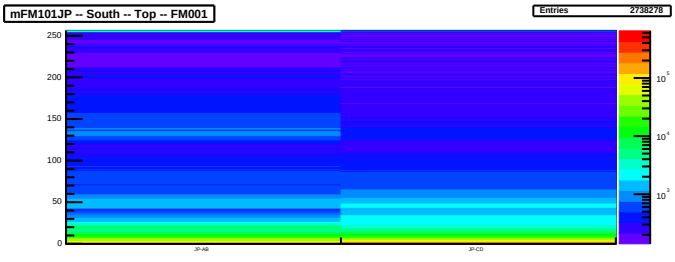
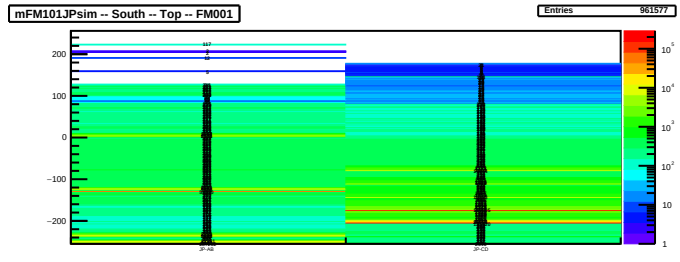

mFM101JP -- South -- Top -- FM001
Entries 2738278
JP-AB
JP-CD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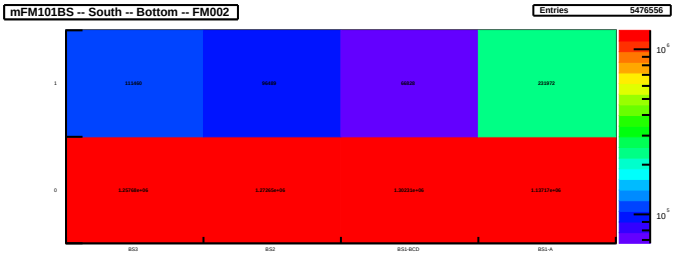
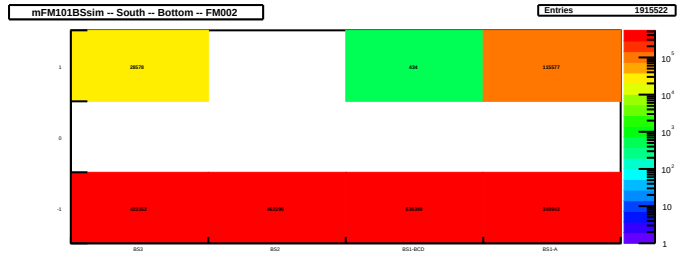
Entries 961577
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 5476556
BS3
BS2
BS1-BCD
BS1-A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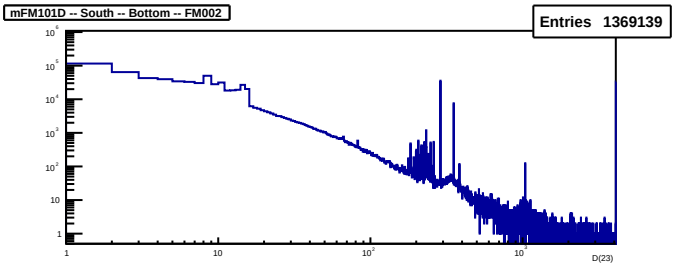
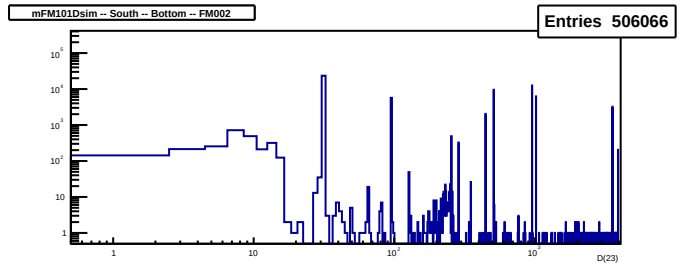
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 1369139
D(23)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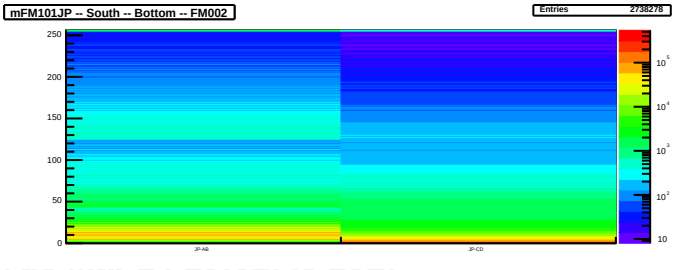
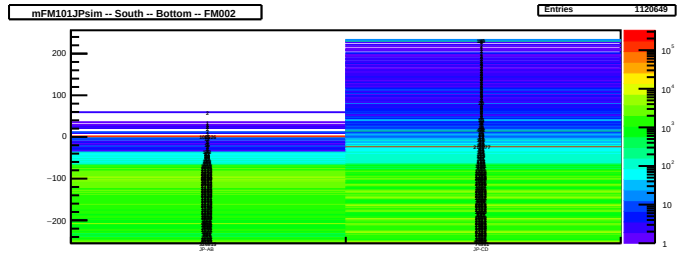
Entries 506066
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 2738278
JP-AB
JP-CD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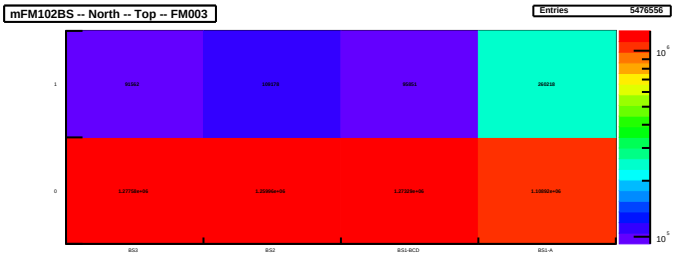
JP-AB
JP-CD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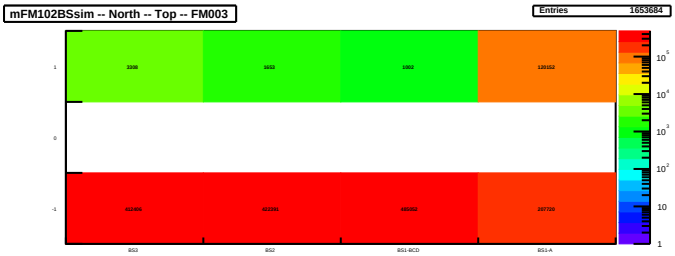
Entries 5476556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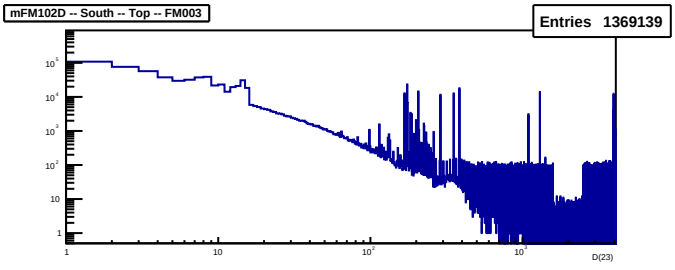
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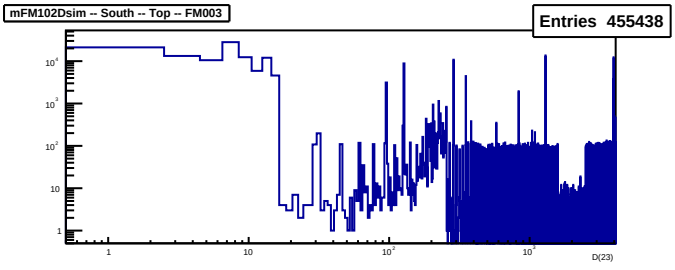
Entries 1369139
D(23)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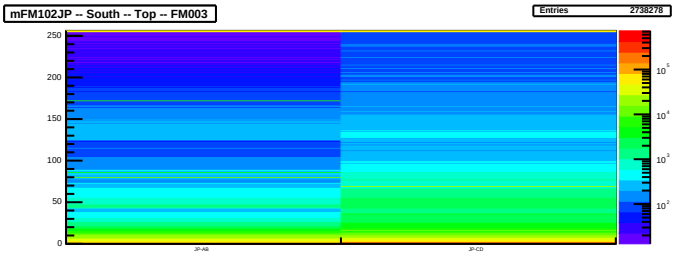
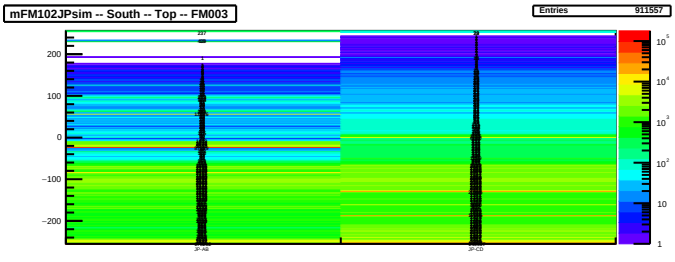

mFM102JP -- South -- Top -- FM003
Entries 2738278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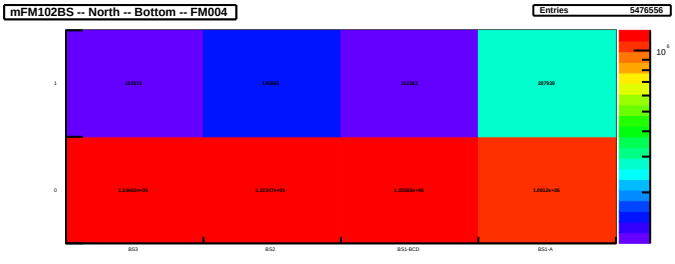
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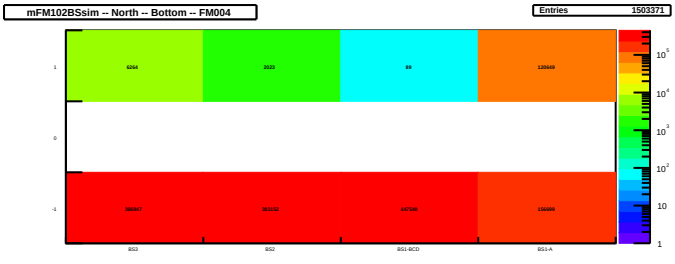
Entries 5476556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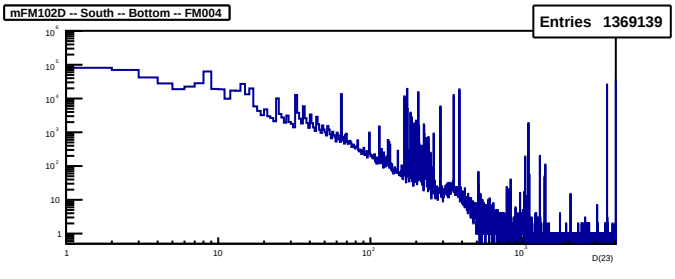
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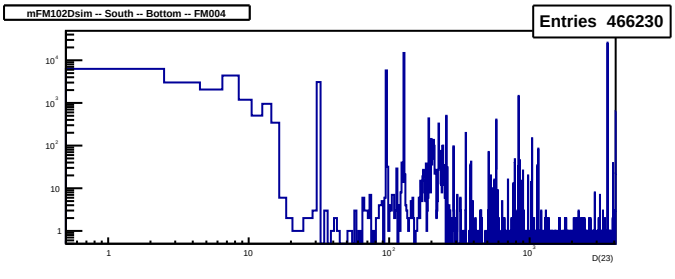
D(23)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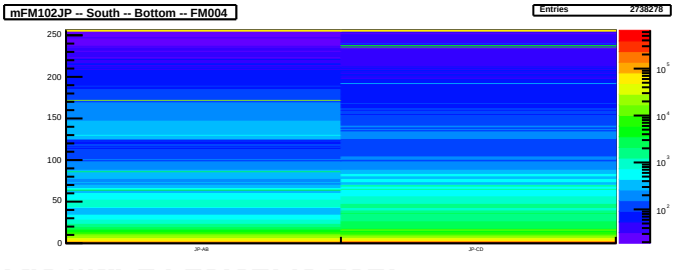
D(23)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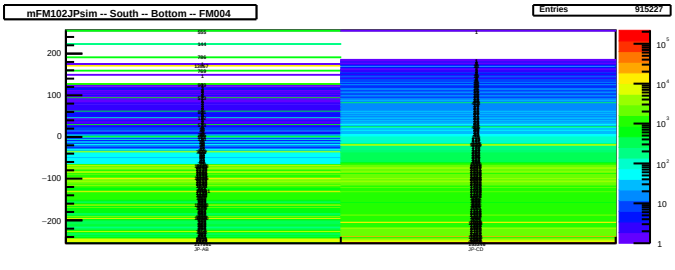
Entries 2738278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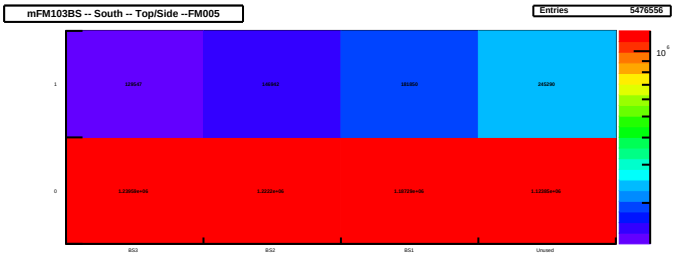
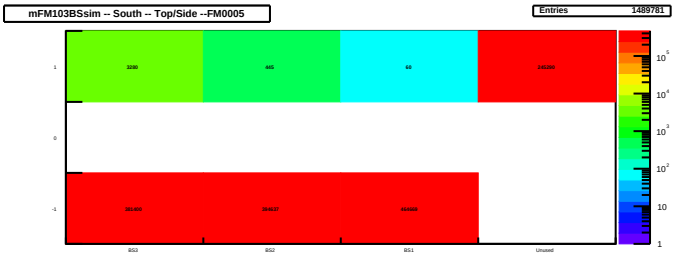

mFM103BS -- South -- Top/Side --FM005
Entries 5476556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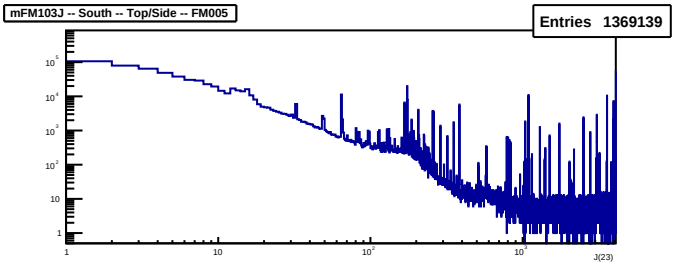
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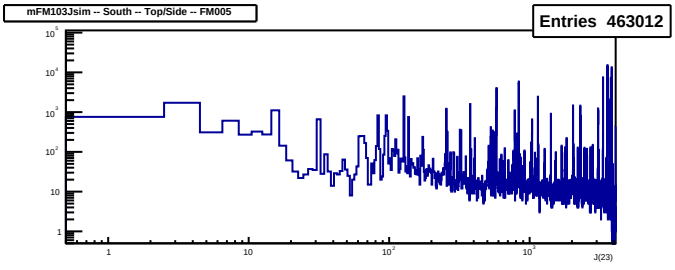
Entries 1369139
J(23)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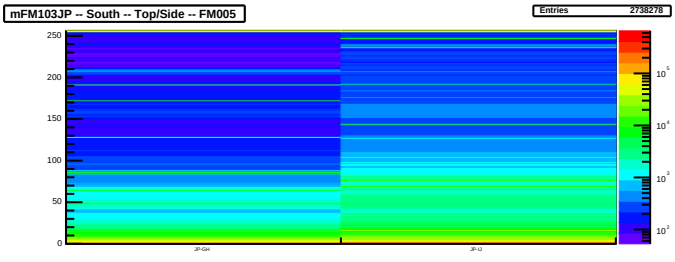
J(23)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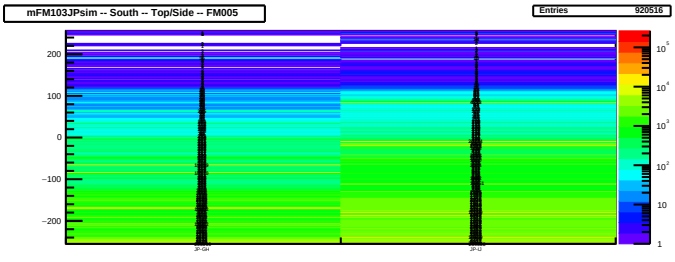
Entries 2738278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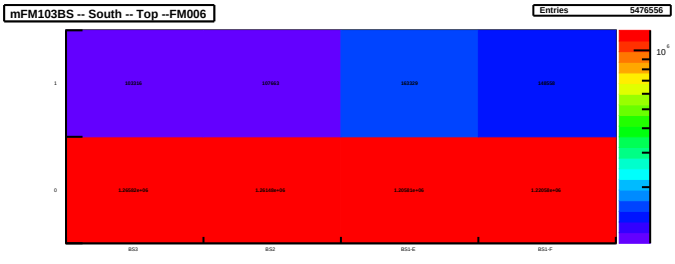
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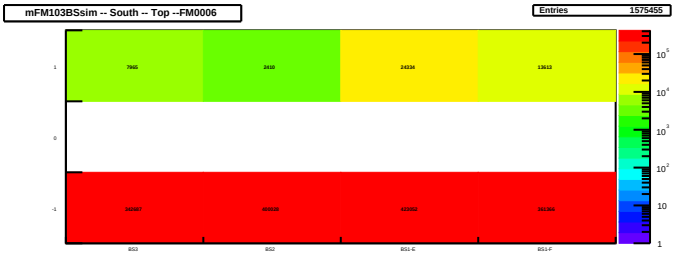
Entries 5476556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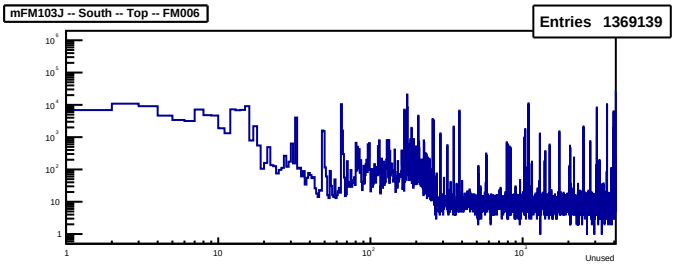
mFM103J -- South -- Top -- FM006
Entries 1369139
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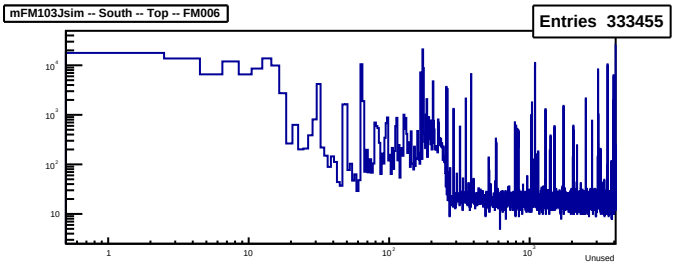
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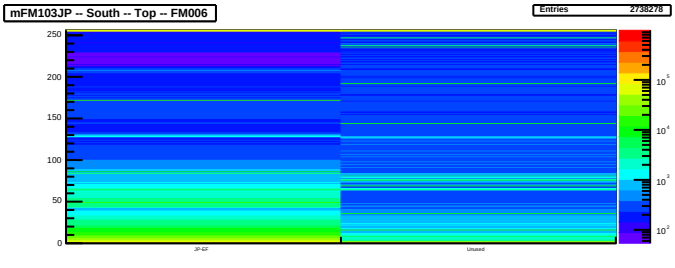
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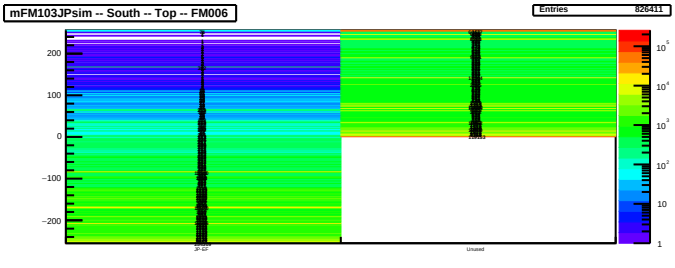
Entries 2738278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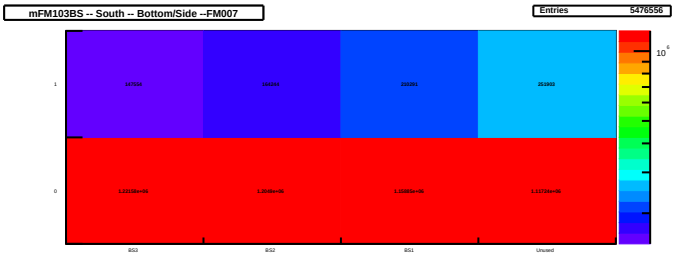
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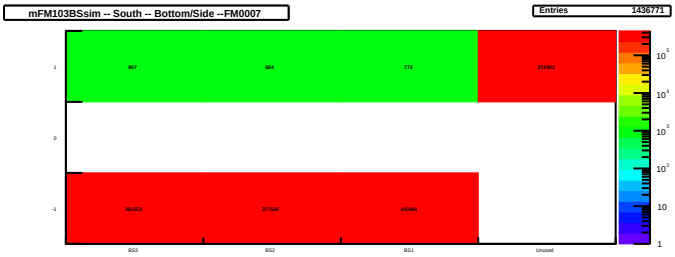
Entries 5476556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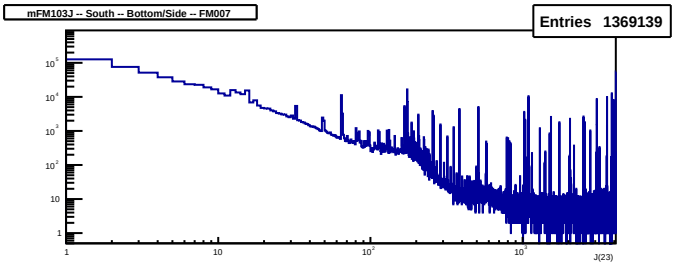
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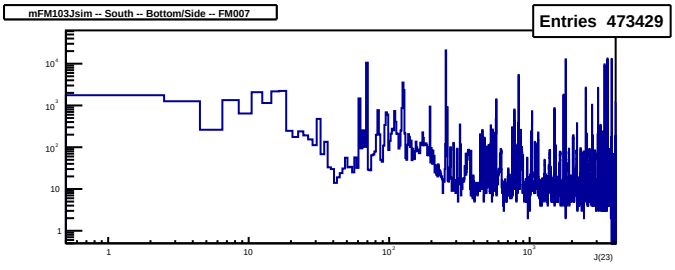
Entries 1369139
J(23)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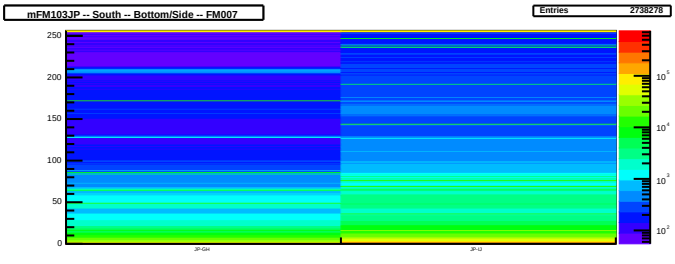
J(23)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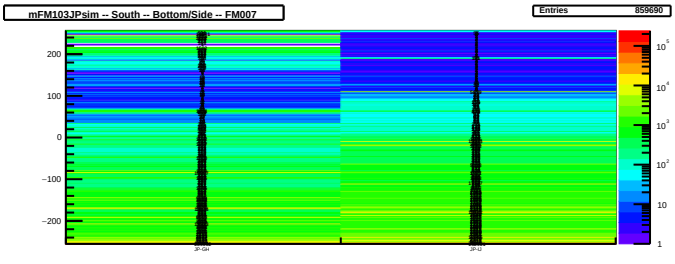
Entries 2738278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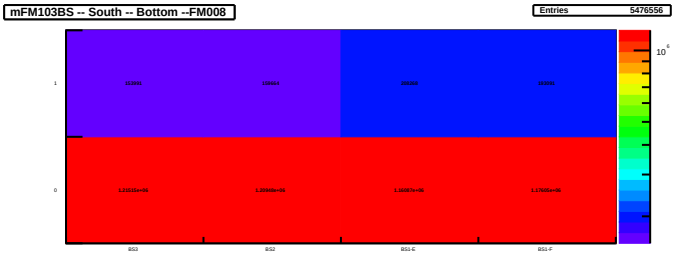
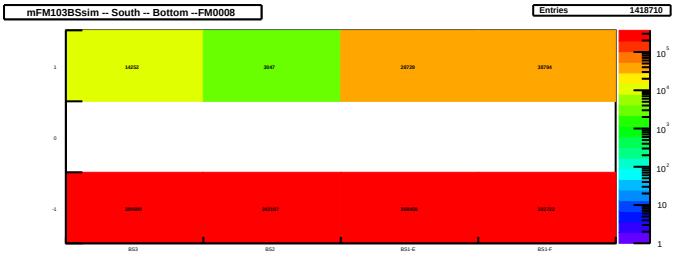

mFM103BS -- South -- Bottom --FM008
Entries 5476556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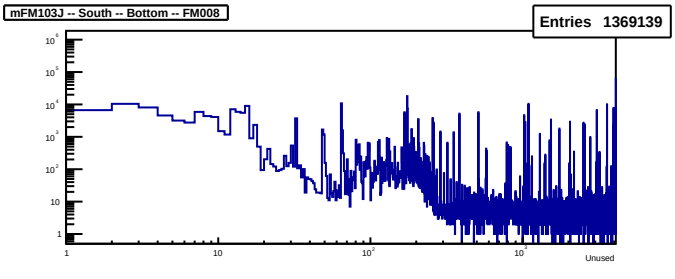
Entries 1418710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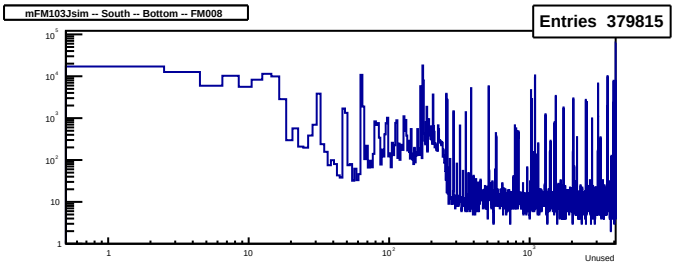
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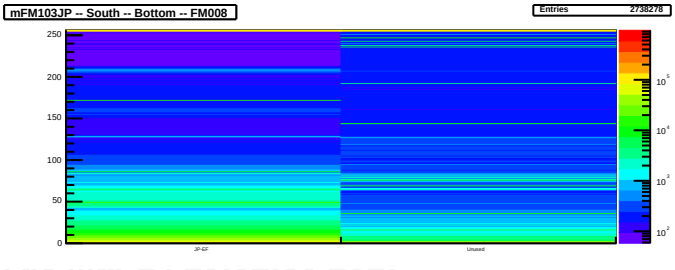
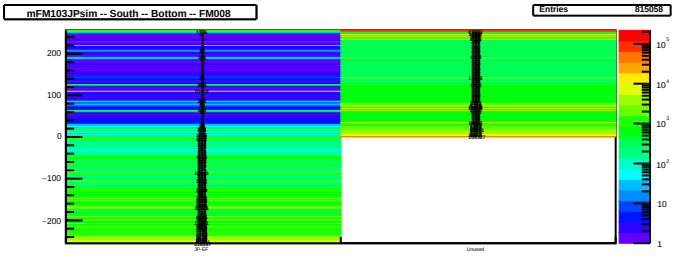
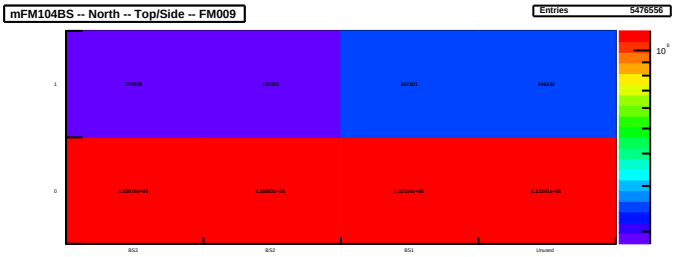
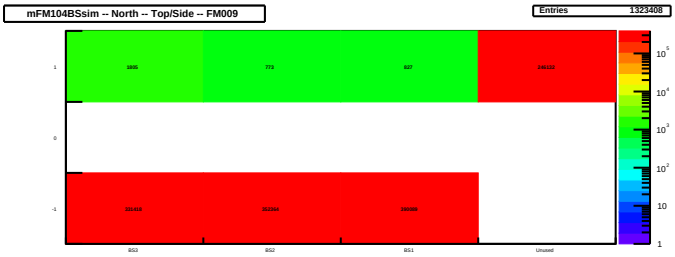

mFM103JP -- South -- Bottom -- FM008
Entries 2738278


mFM103JPsim -- South -- Bottom -- FM008
Entries 815058


mFM104BS -- North -- Top/Side -- FM009
Entries 5476556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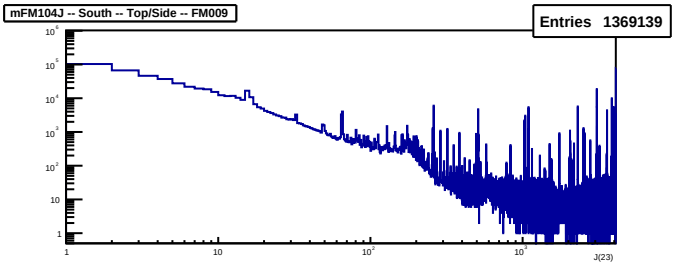
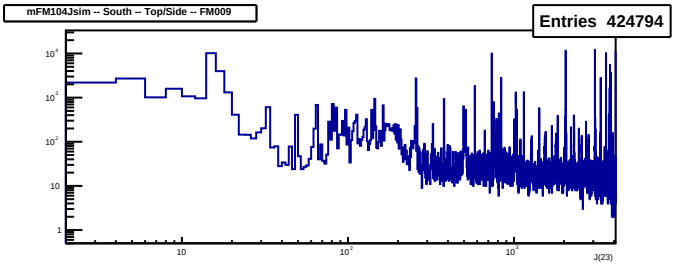
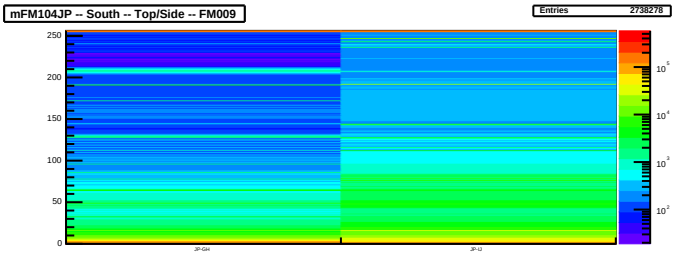
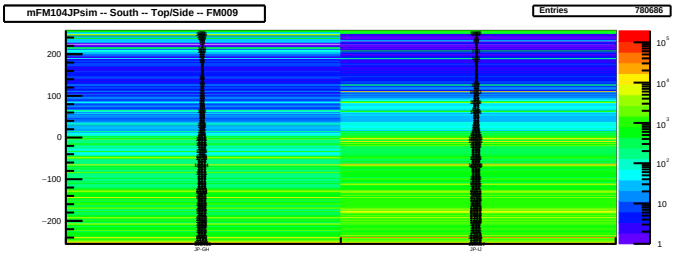
Entries 1323408


mFM104J -- South -- Top/Side -- FM009
Entries 1369139
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 424794
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 2738278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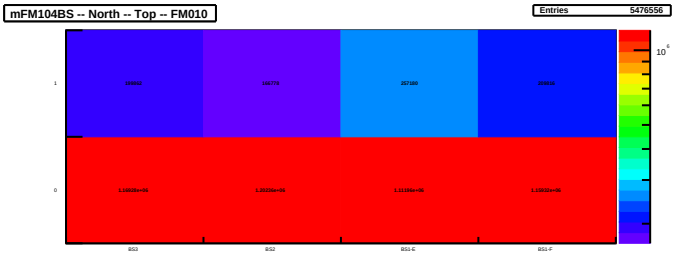
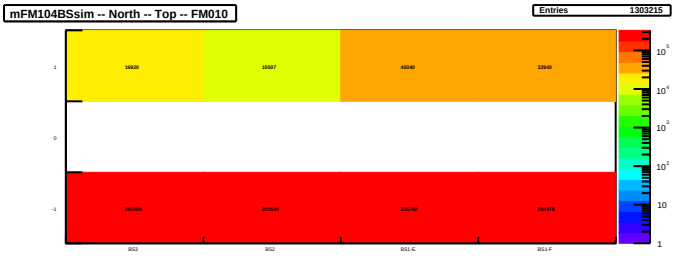
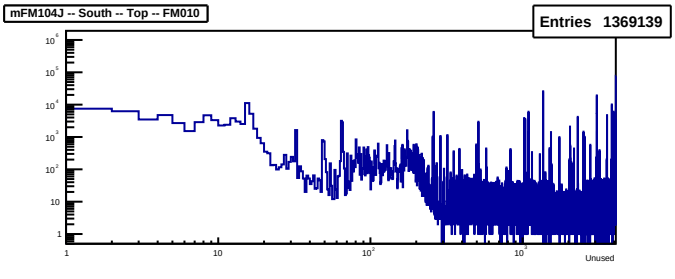
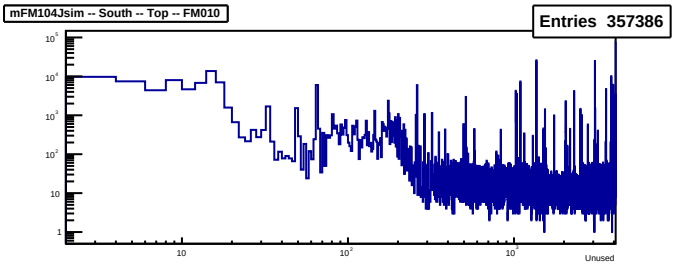
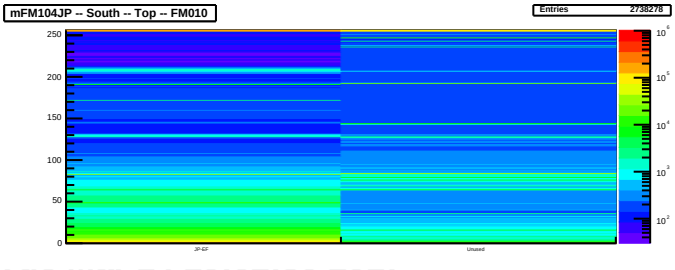
Entries 780686

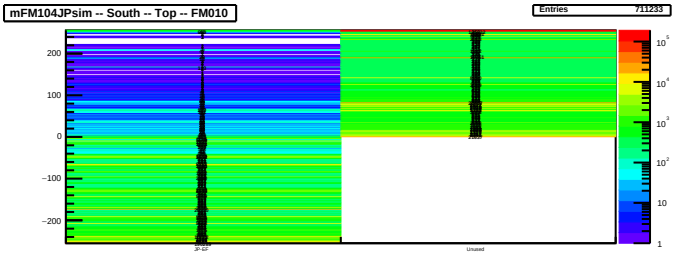

mFM104BS -- North -- Top -- FM010
Entries 5476556

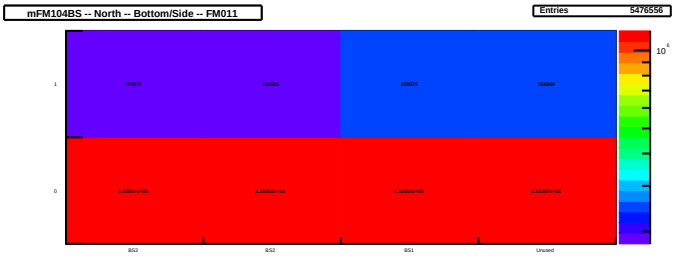

mFM104BSsim -- North -- Top -- FM010
Entries 1303215

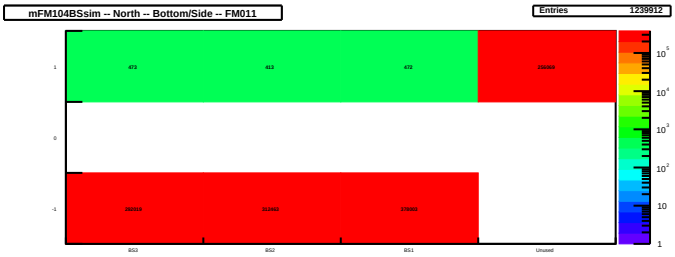

mFM104J -- South -- Top -- FM010
Entries 1369139
Unused

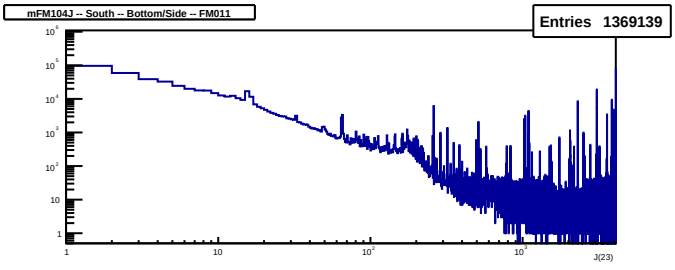

mFM104Jsim -- South -- Top -- FM010
Entries 357386
Unused

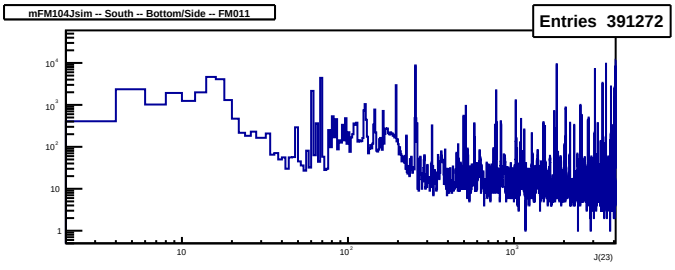

mFM104JP -- South -- Top -- FM010
Entries 2738278

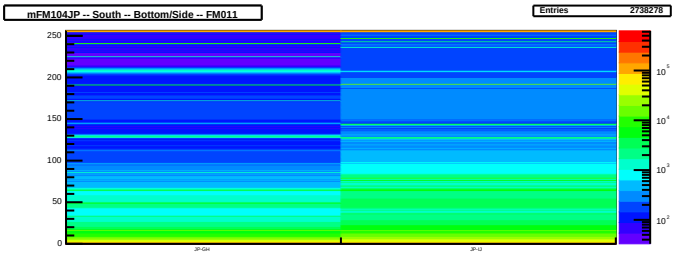

mFM104JPsim -- South -- Top -- FM010
Entries 711233

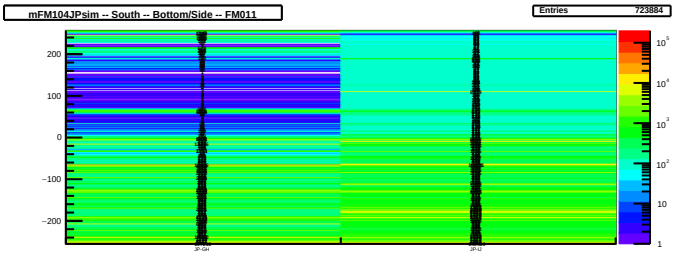

mFM104BS -- North -- Bottom/Side -- FM011
Entries 5476556

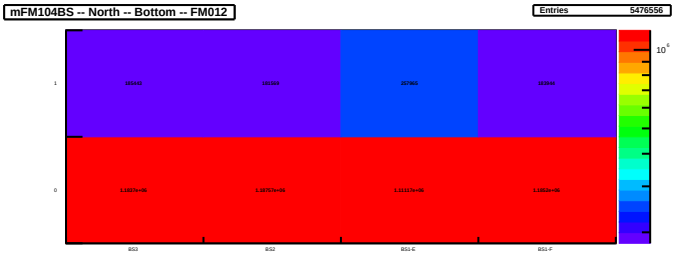

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1239912

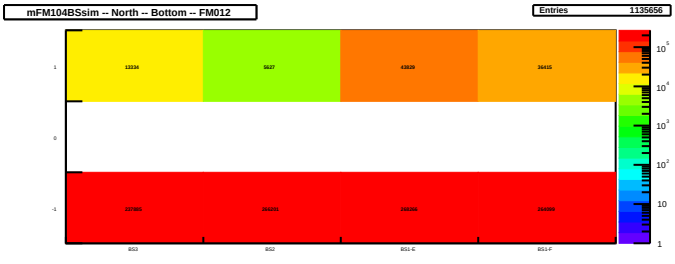

mFM104J -- South -- Bottom/Side -- FM011
Entries 1369139
J(23)

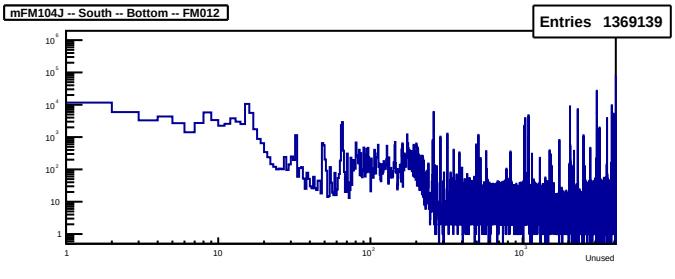

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 391272
J(23)

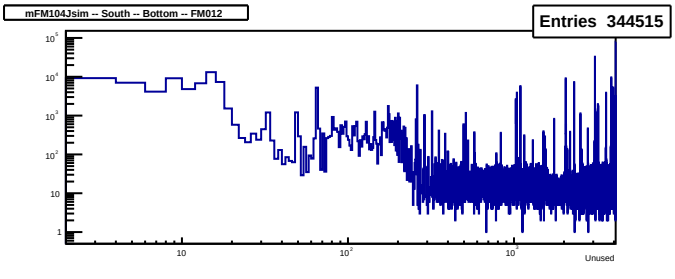

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2738278

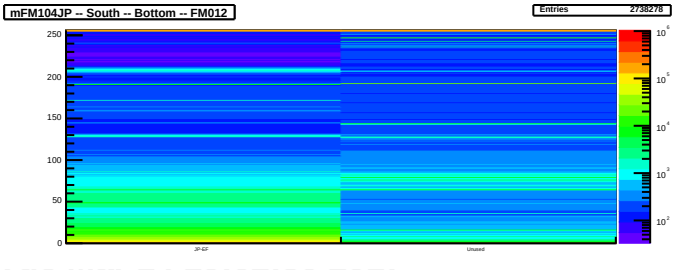

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 723884

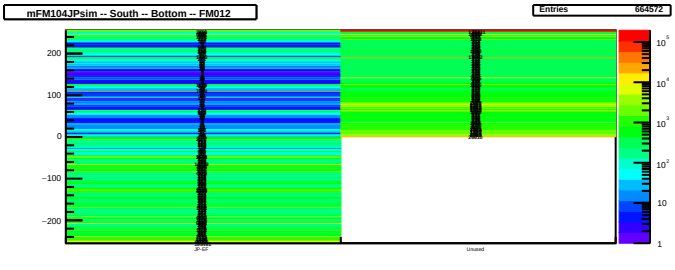

mFM104BS -- North -- Bottom -- FM012
Entries 5476556

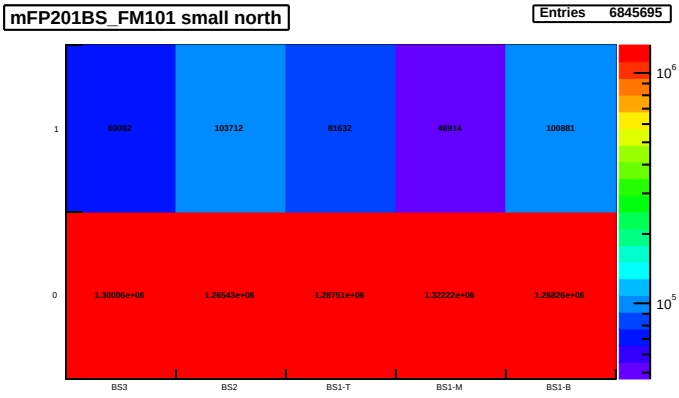

mFM104BSsim -- North -- Bottom -- FM012
Entries 1135656

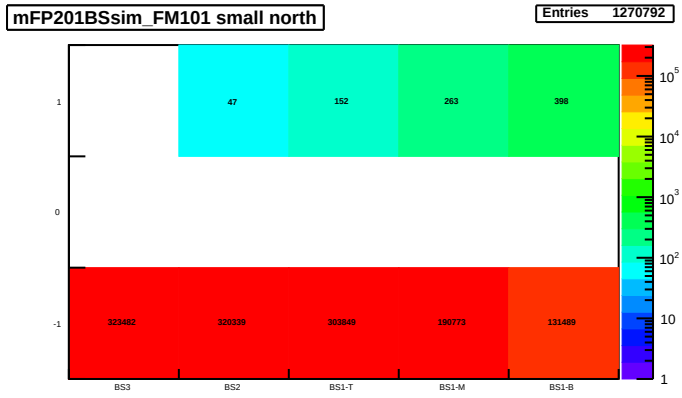

mFM104J -- South -- Bottom -- FM012
Entries 1369139
Unused

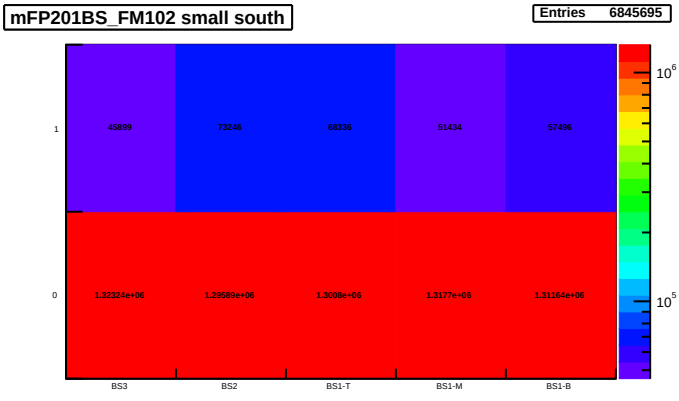

mFM104Jsim -- South -- Bottom -- FM012
Entries 344515
Unused

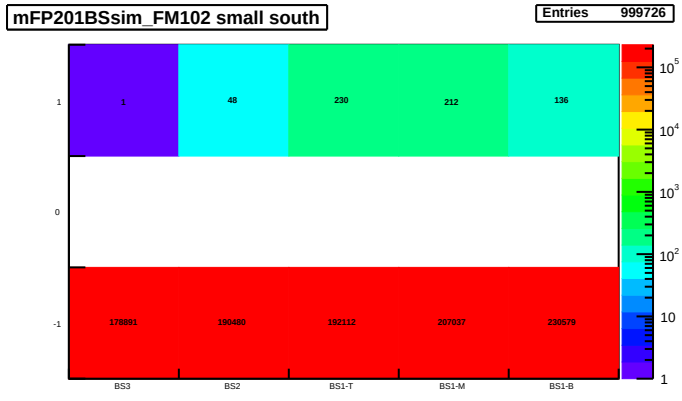

mFM104JP -- South -- Bottom -- FM012
Entries 2738278

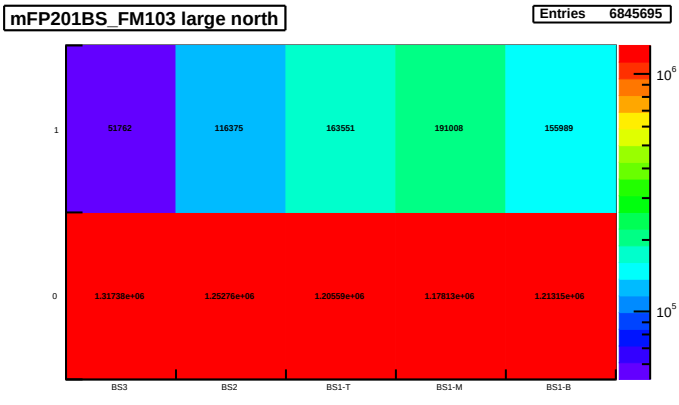

mFM104JPsim -- South -- Bottom -- FM012
Entries 664572

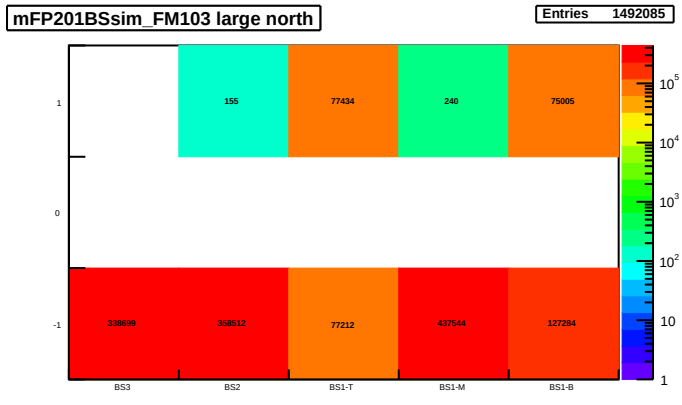

mFP201BS_FM101 small north
Entries 6845695
1
0
69082
103712
81632
46914
100881
1.30006e+06
1.26543e+06
1.28751e+06
1.32222e+06
1.26826e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

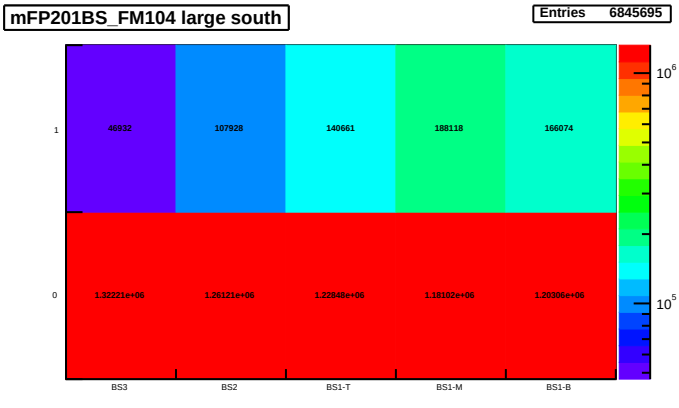

mFP201BSsim_FM101 small north
Entries 1270792
1
0
-1
47
152
263
398
323482
320339
303849
190773
131489
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

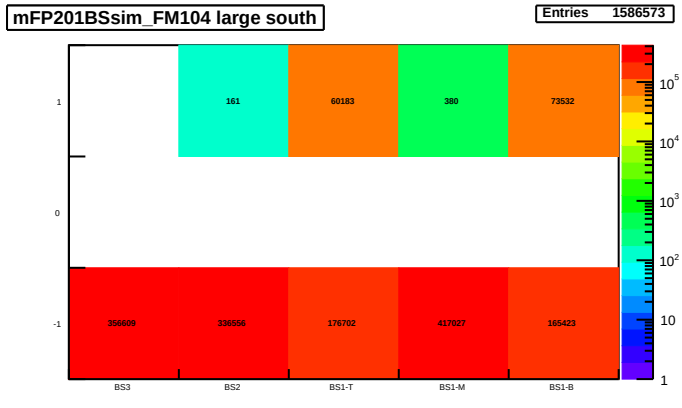

mFP201BS_FM102 small south
Entries 6845695
1
0
45899
73246
68336
51434
57496
1.32324e+06
1.29589e+06
1.3008e+06
1.3177e+06
1.31164e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

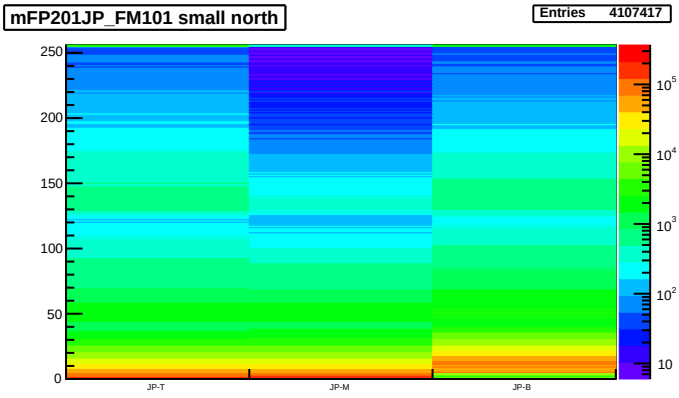

mFP201BSsim_FM102 small south
Entries 999726
1
0
-1
1
48
230
212
136
178891
190480
192112
207037
230579
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

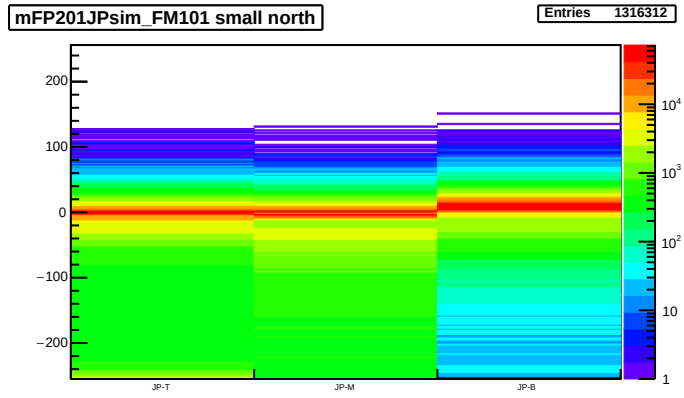

mFP201BS_FM103 large north
Entries 6845695
1
0
51762
116375
163551
191008
155989
1.31738e+06
1.25276e+06
1.20559e+06
1.17813e+06
1.21315e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

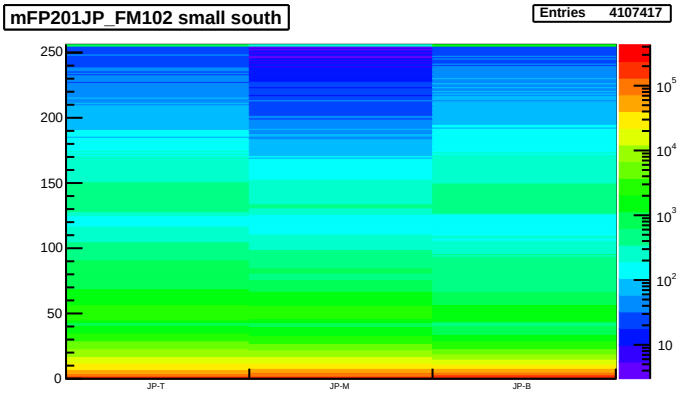

mFP201BSsim_FM103 large north
Entries 1492085
1
0
-1
155
77434
240
75005
338699
358512
77212
437544
127284
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

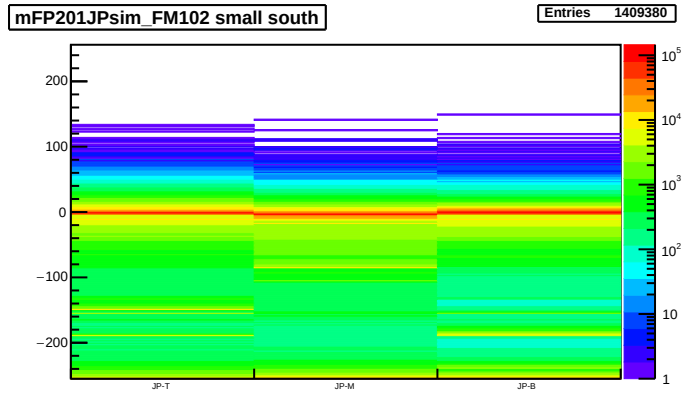

mFP201BS_FM104 large south
Entries 6845695
1
0
46932
107928
140661
188118
166074
1.32221e+06
1.26121e+06
1.22848e+06
1.18102e+06
1.20306e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

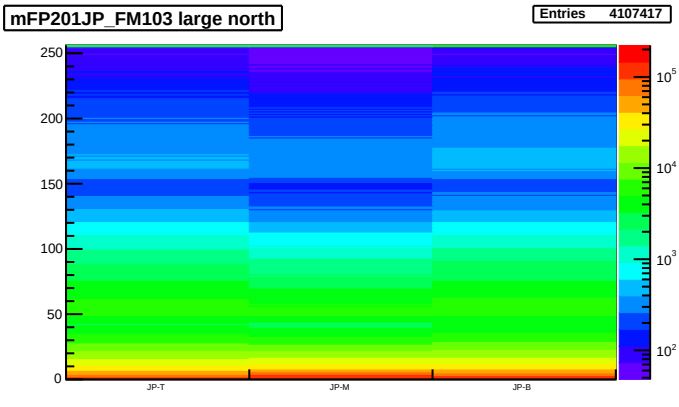

mFP201BSsim_FM104 large south
Entries 1586573
1
0
-1
161
60183
380
73532
356609
336556
176702
417027
165423
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

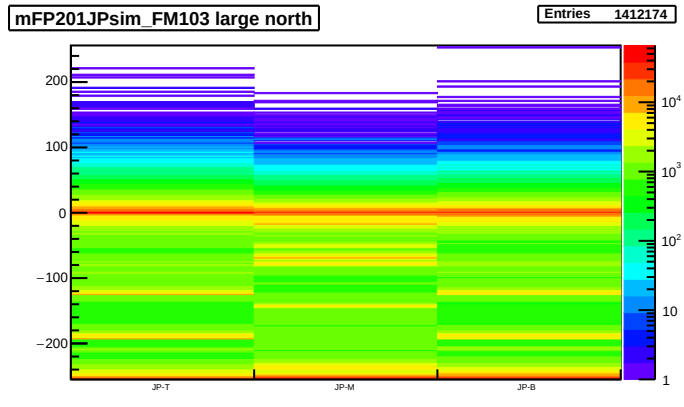

mFP201JP_FM101 small north
Entries 4107417
JP-T
JP-M
JP-B

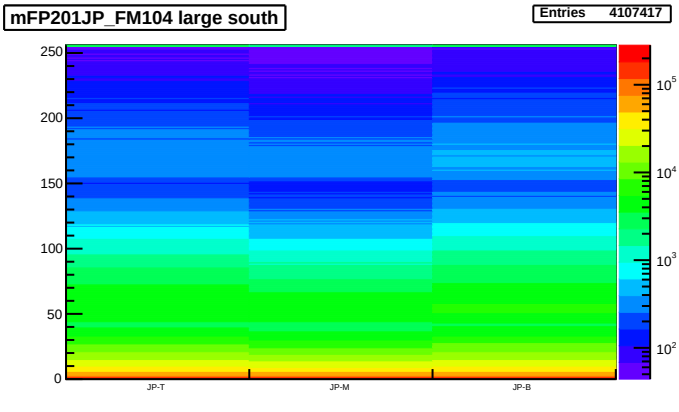

mFP201JPsim_FM101 small north
Entries 1316312
JP-T
JP-M
JP-B

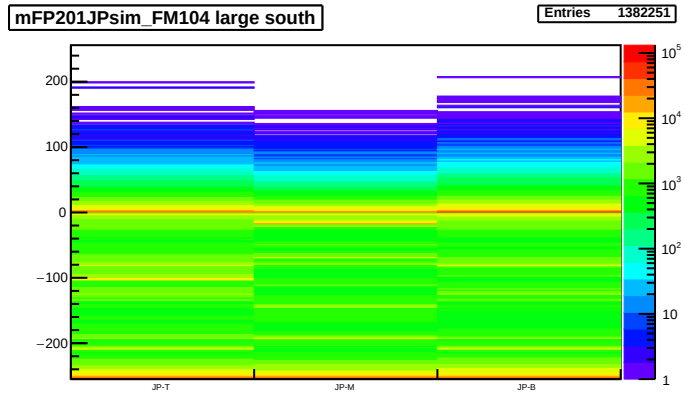

mFP201JP_FM102 small south
Entries 4107417
JP-T
JP-M
JP-B

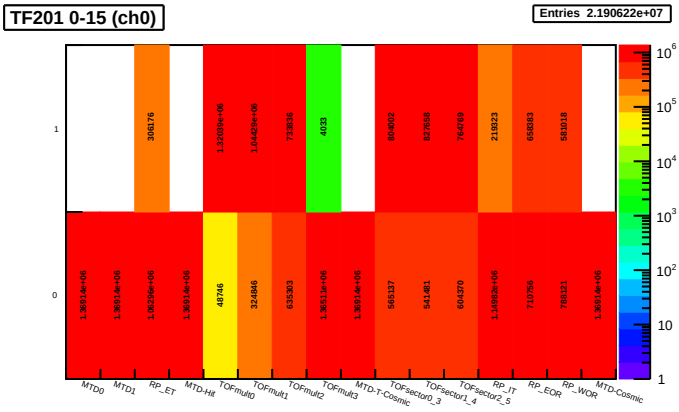

mFP201JPsim_FM102 small south
Entries 1409380
JP-T
JP-M
JP-B

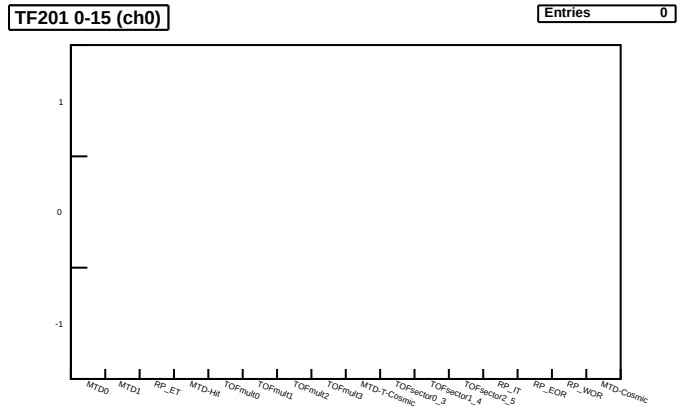

mFP201JP_FM103 large north
Entries 4107417
JP-T
JP-M
JP-B

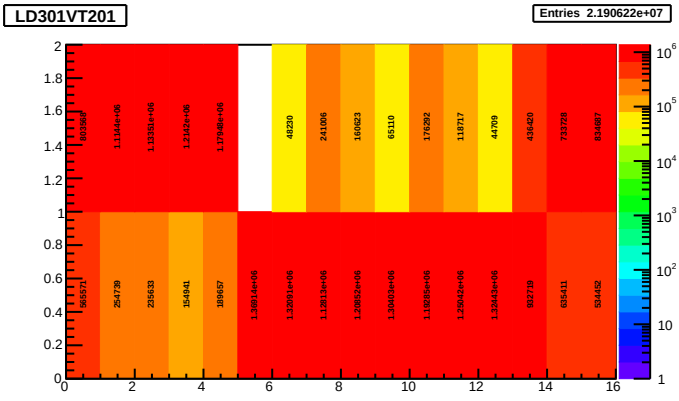

mFP201JPsim_FM103 large north
Entries 1412174
JP-T
JP-M
JP-B

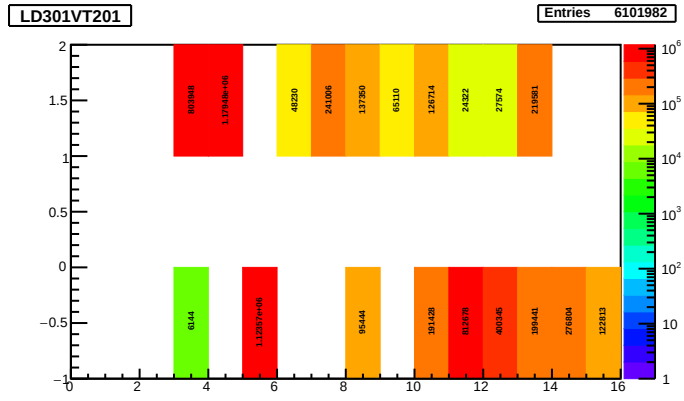

mFP201JP_FM104 large south
Entries 4107417
JP-T
JP-M
JP-B

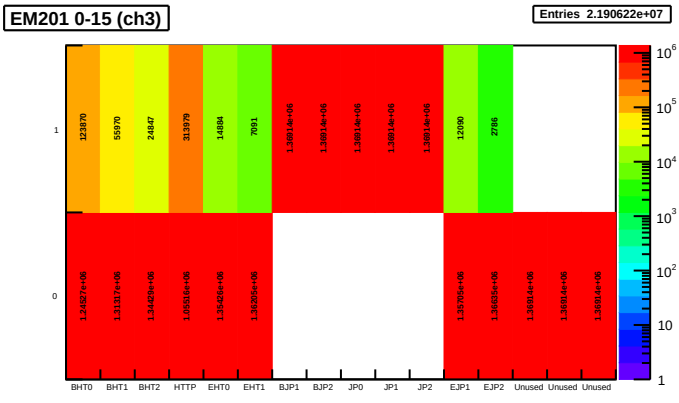

mFP201JPsim_FM104 large south
Entries 1382251
JP-T
JP-M
JP-B

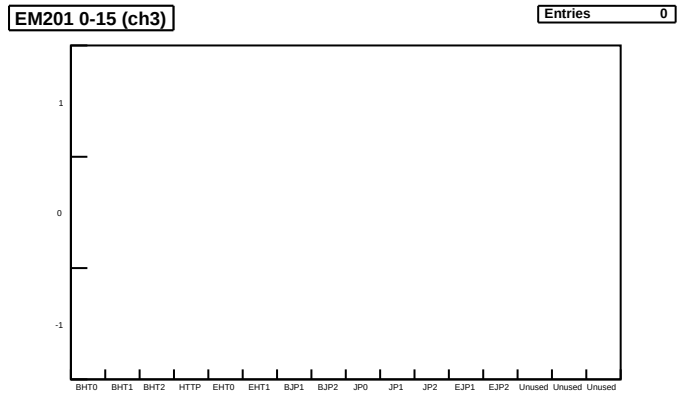

TF201 0-15 (ch0)
Entries 2.190622e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 2.190622e+07


LD301VT201
Entries 6101982


EM201 0-15 (ch3)
Entries 2.190622e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
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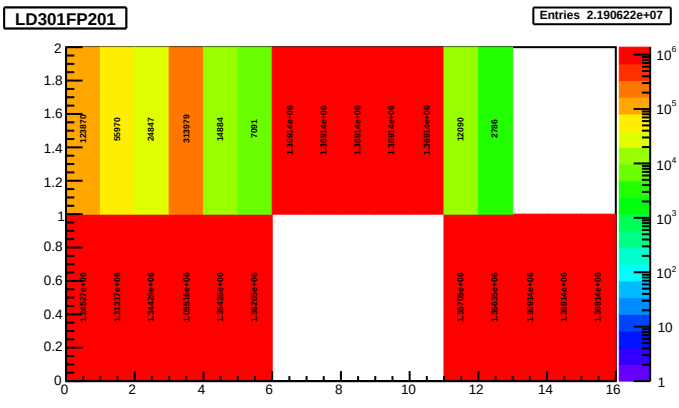
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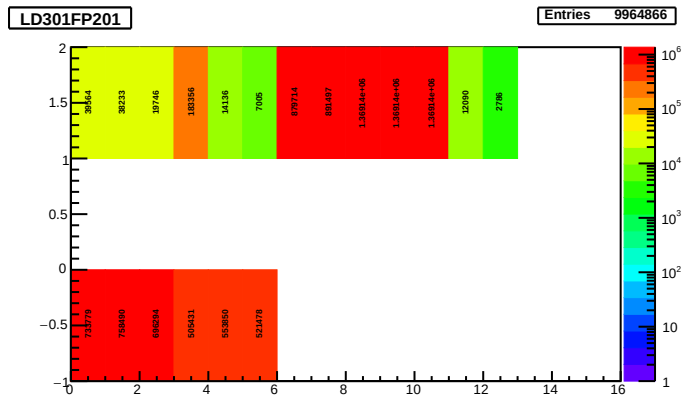
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