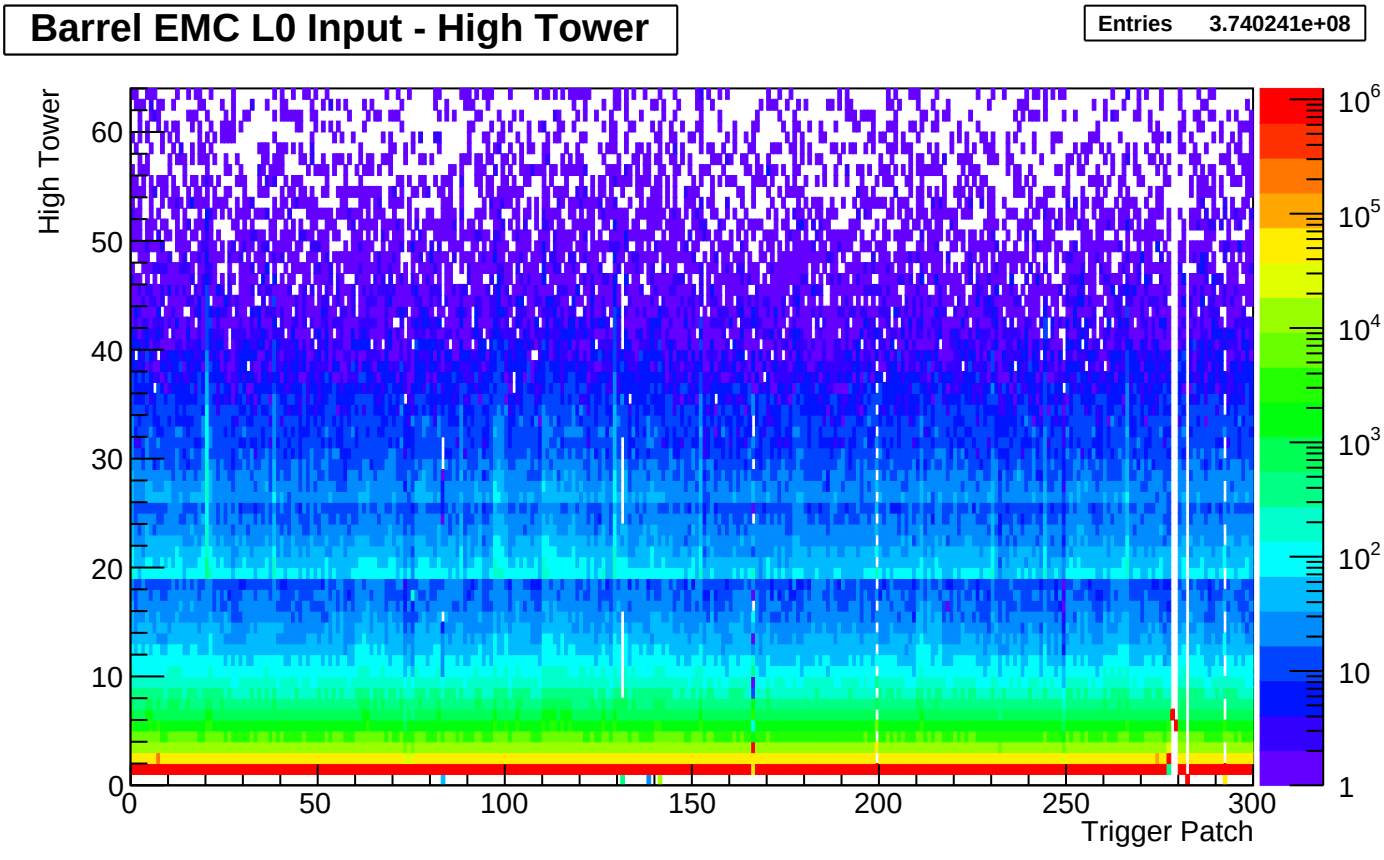
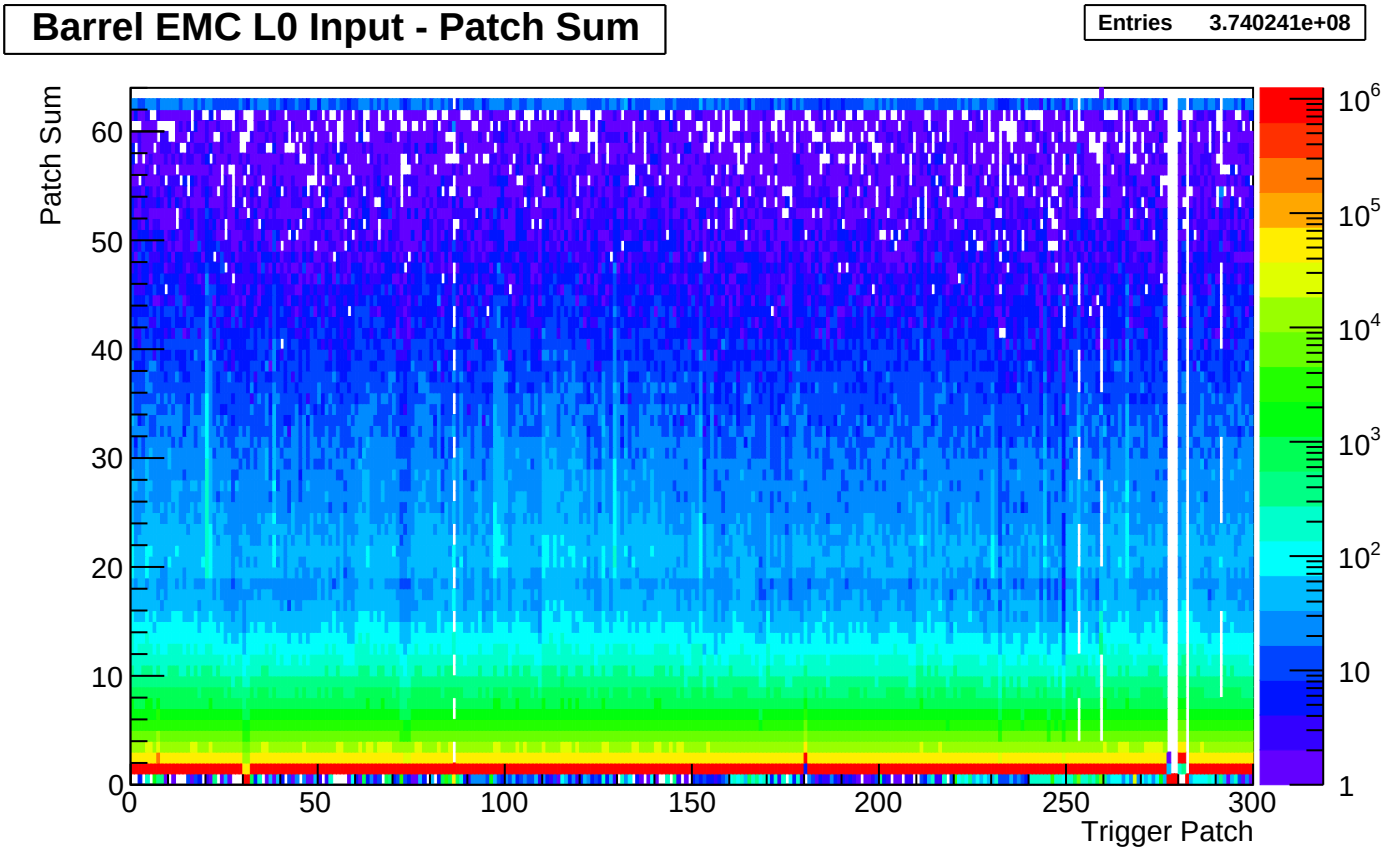
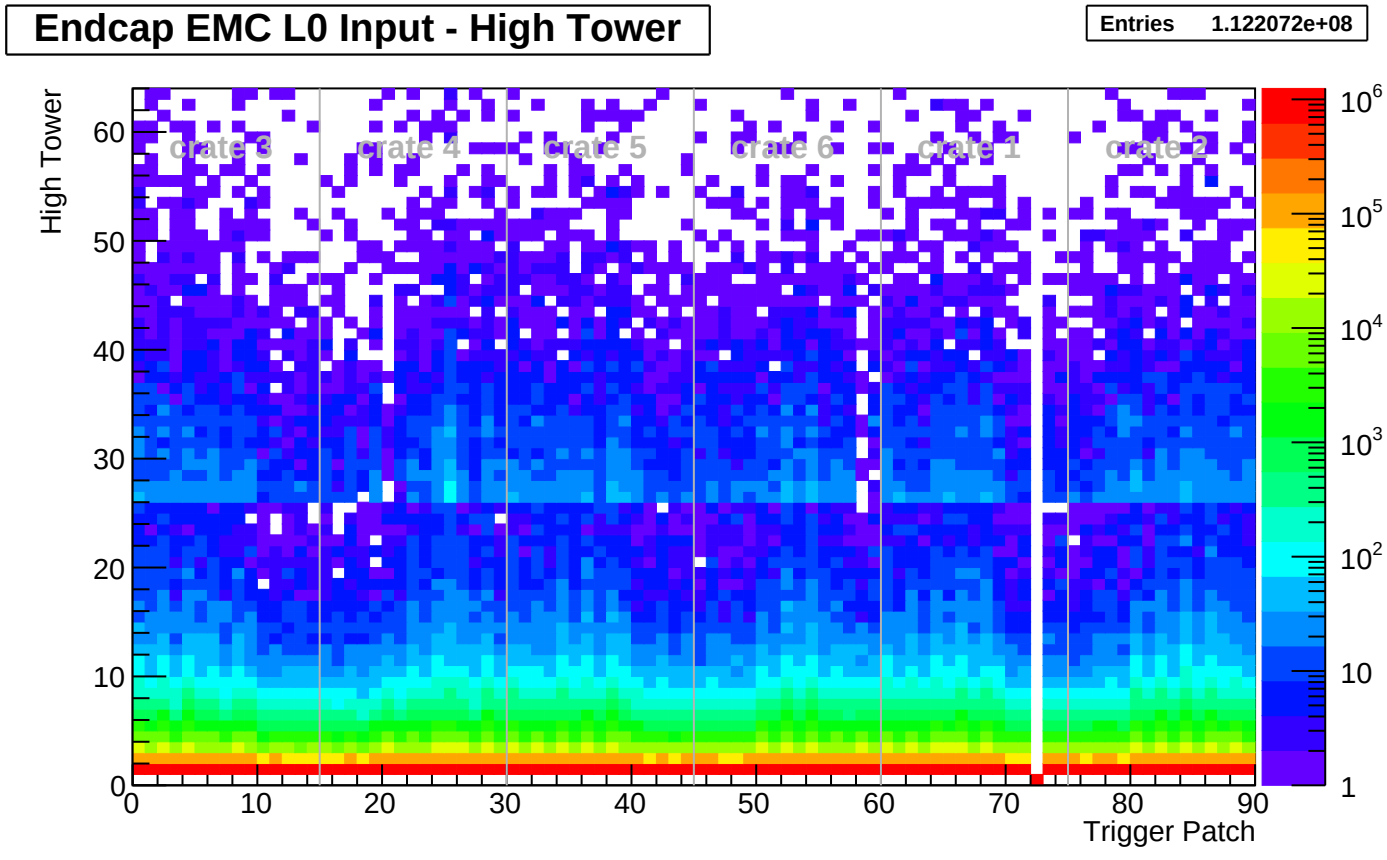
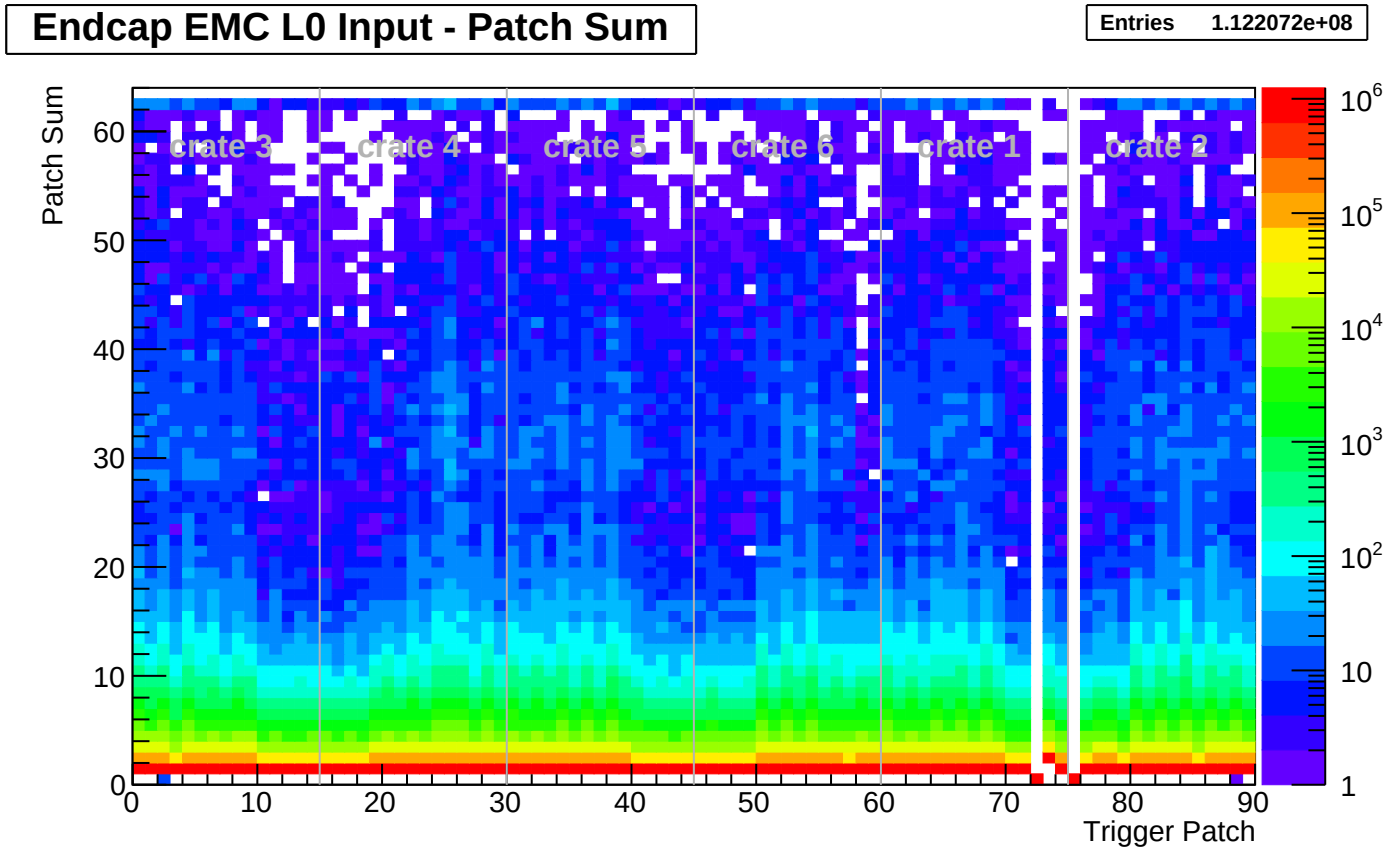
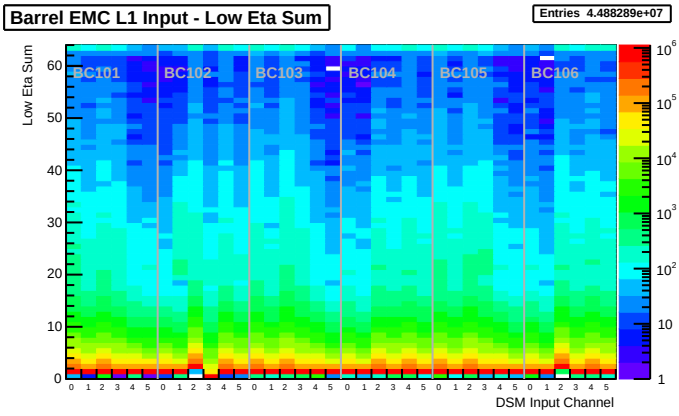
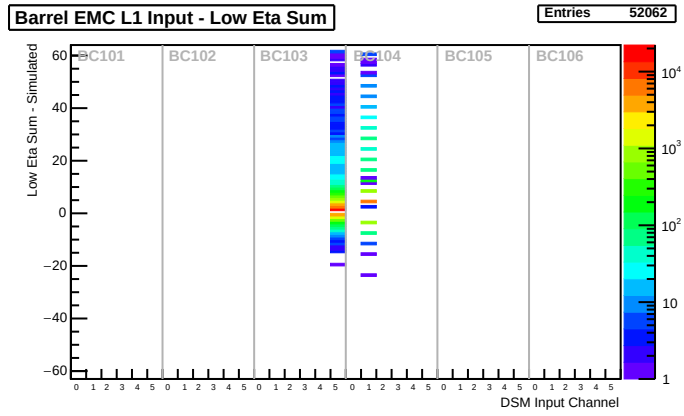

Barrel EMC L0 Input - High Tower
Entries 3.740241e+08
High Tower
Trigger Patch

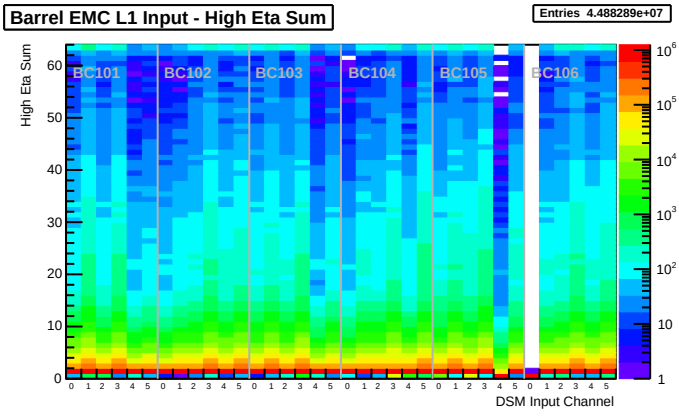

Barrel EMC L0 Input - Patch Sum
Entries 3.740241e+08
Patch Sum
Trigger Patch

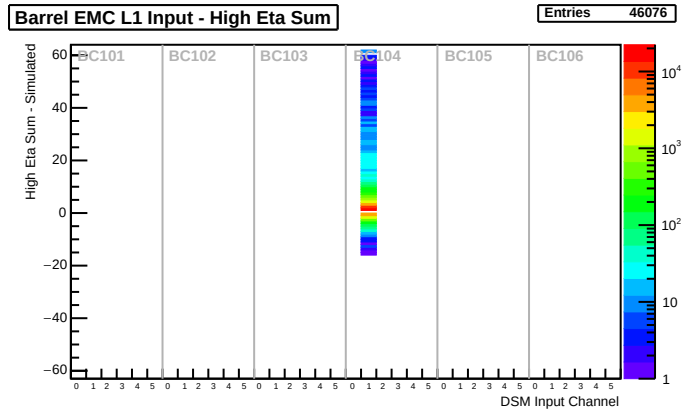

Endcap EMC L0 Input - High Tower
Entries 1.122072e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

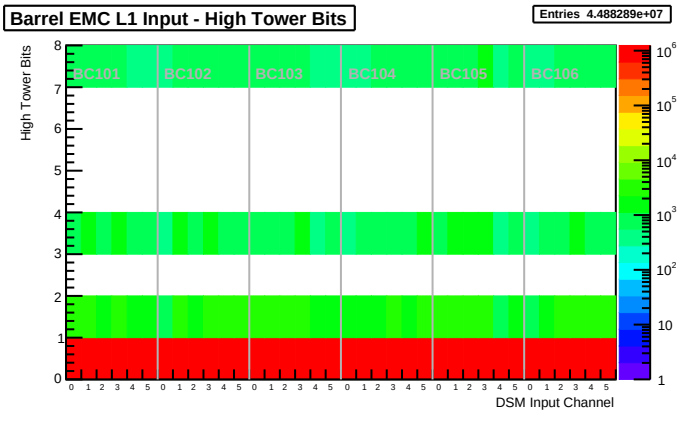

Endcap EMC L0 Input - Patch Sum
Entries 1.122072e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

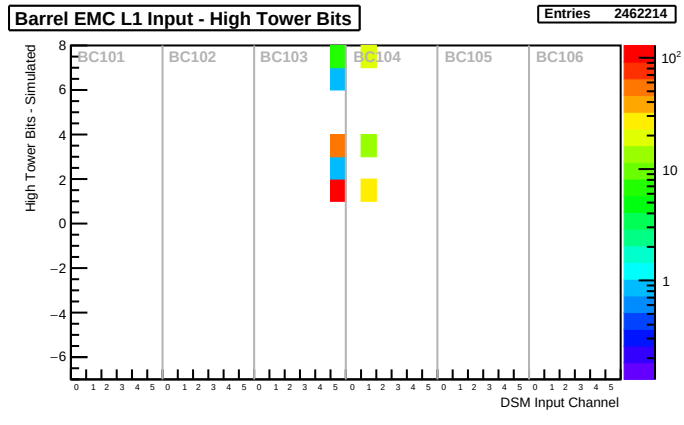

Barrel EMC L1 Input - Low Eta Sum
Entries 4.488289e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

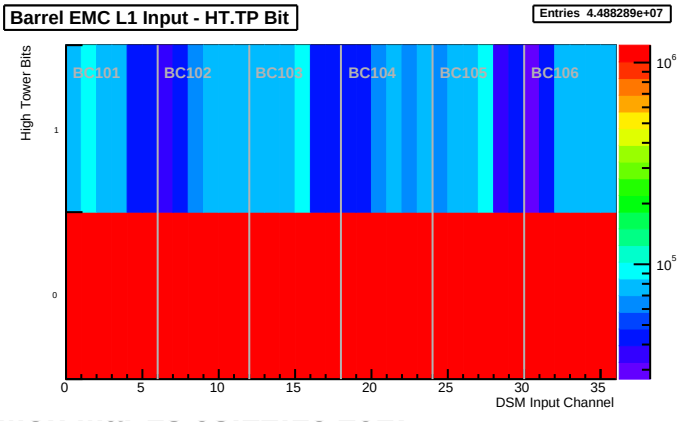

Barrel EMC L1 Input - Low Eta Sum
Entries 52062
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

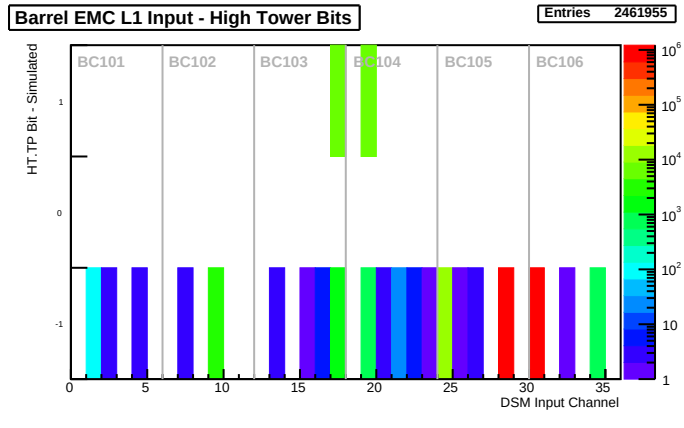

Barrel EMC L1 Input - High Eta Sum
Entries 4.488289e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

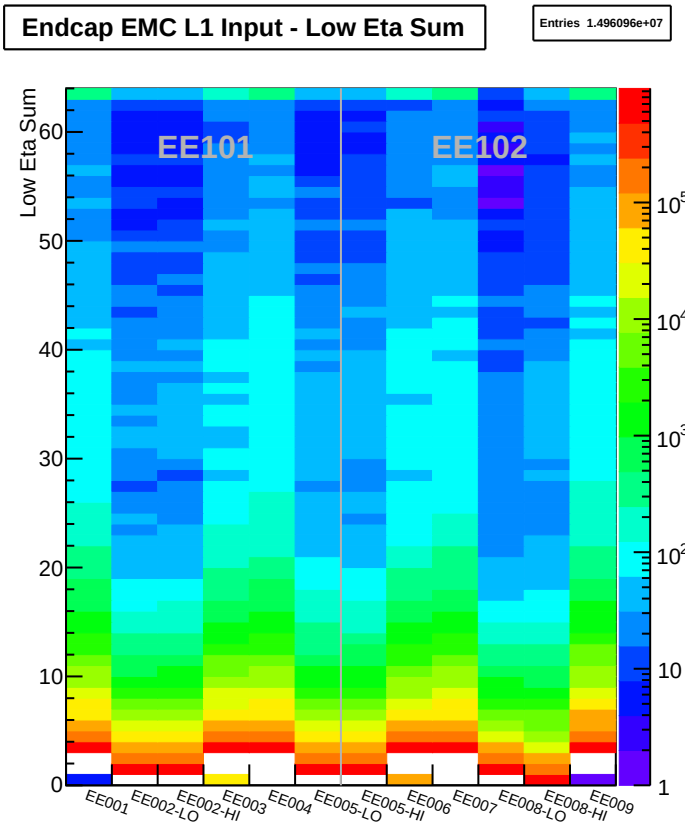

Barrel EMC L1 Input - High Eta Sum
Entries 46076
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

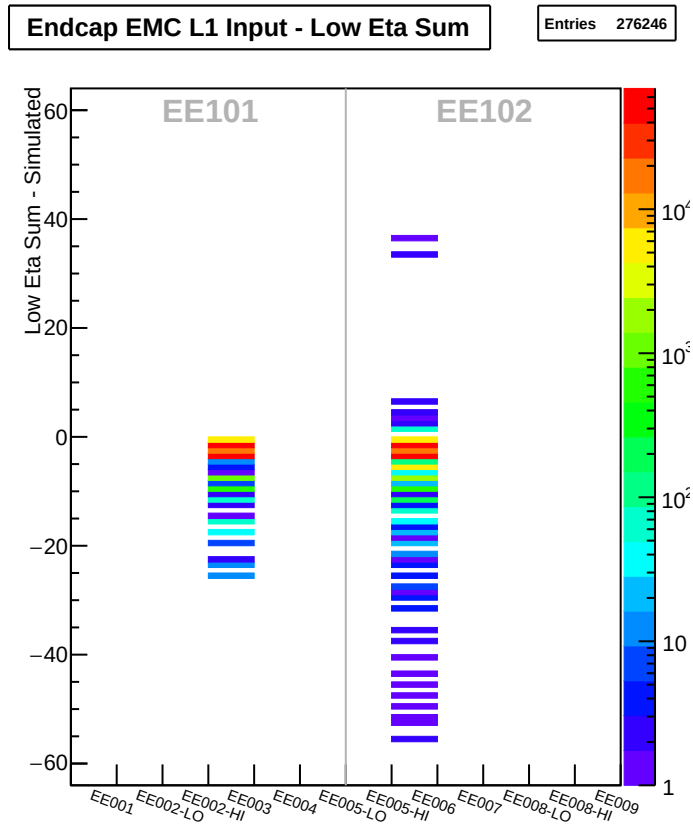

Barrel EMC L1 Input - High Tower Bits
Entries 4.488289e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

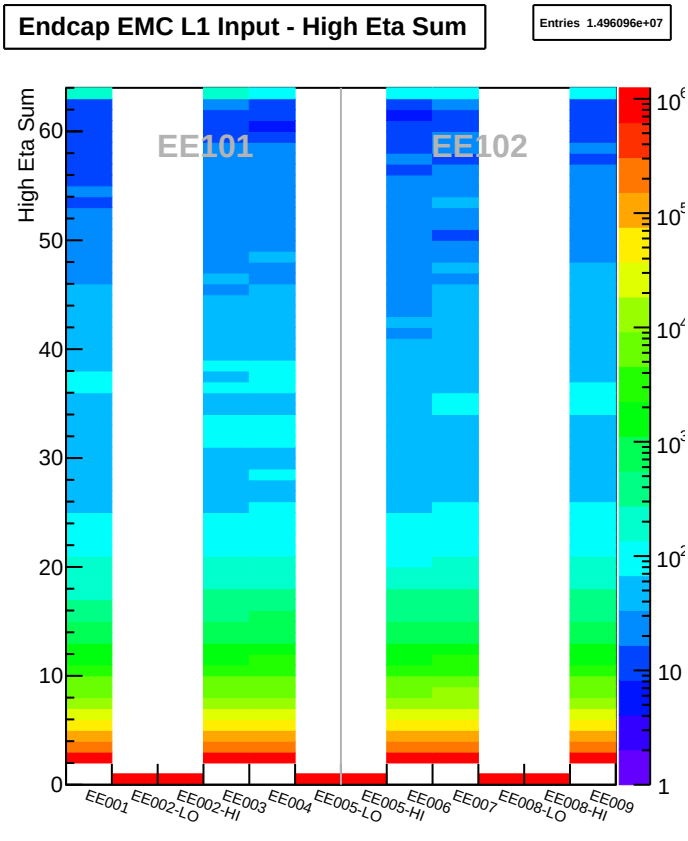

Barrel EMC L1 Input - High Tower Bits
Entries 2462214
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

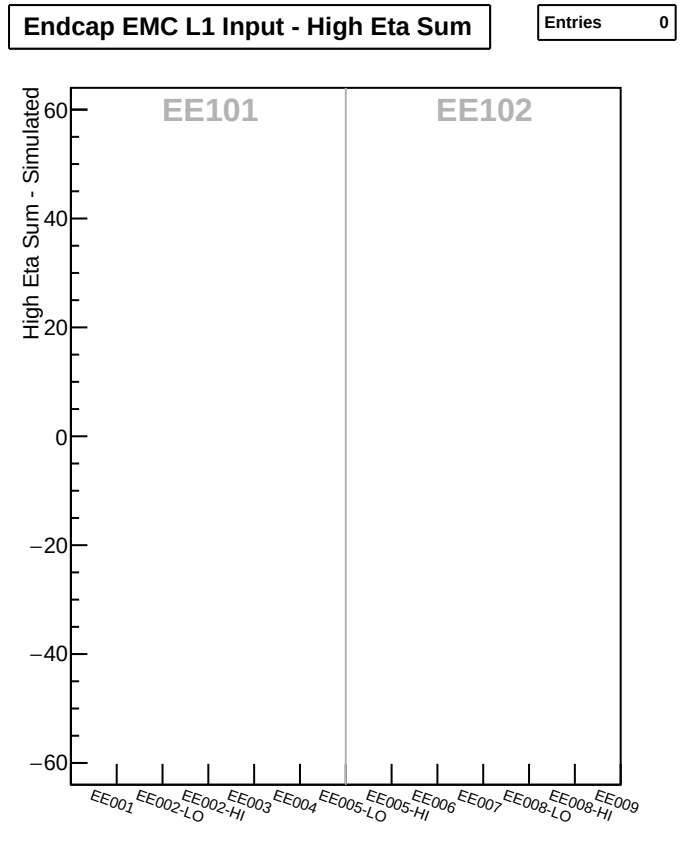

Barrel EMC L1 Input - HT.TP Bit
Entries 4.488289e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

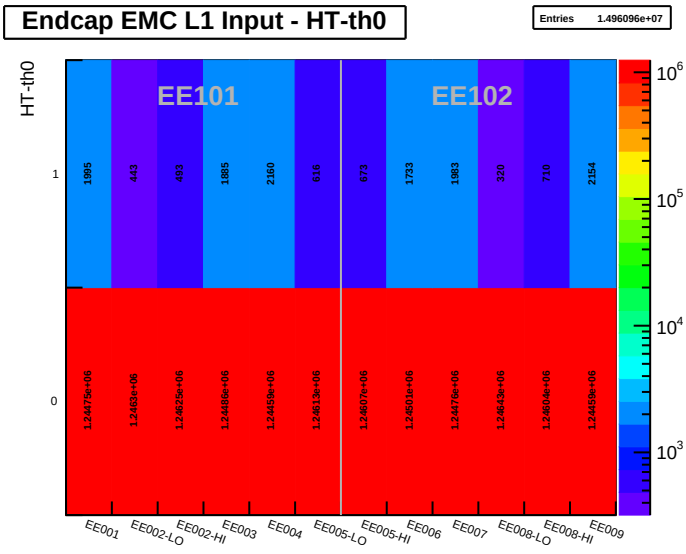

Barrel EMC L1 Input - High Tower Bits
Entries 2461955
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

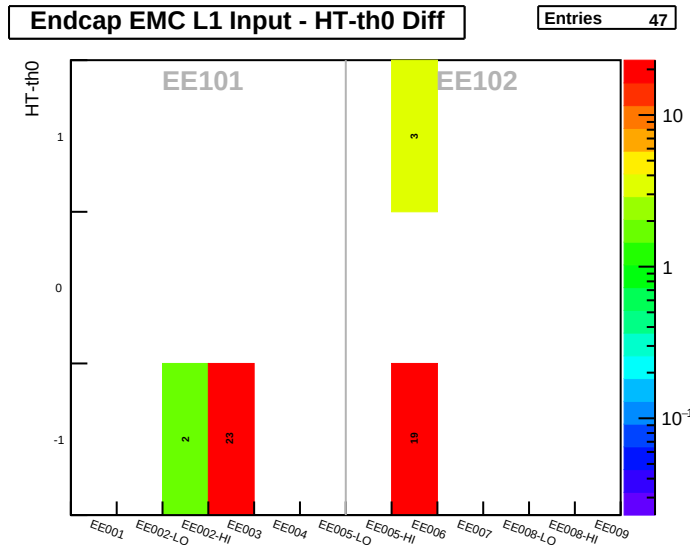

Endcap EMC L1 Input - Low Eta Sum
Entries 1.496096e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

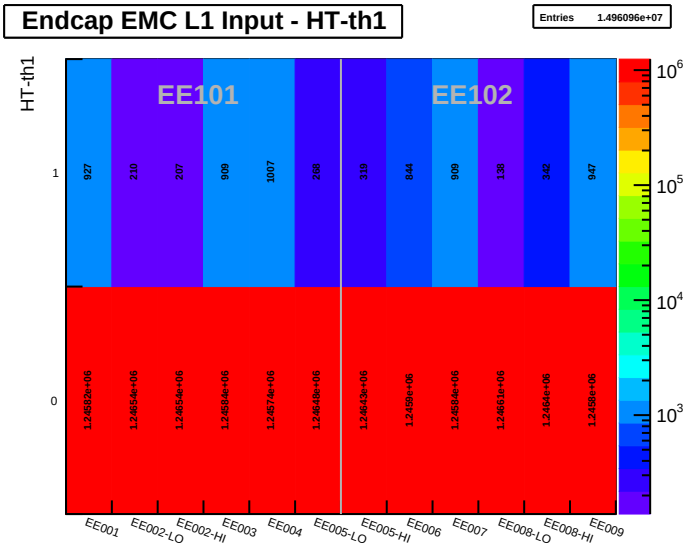

Endcap EMC L1 Input - Low Eta Sum
Entries 276246
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

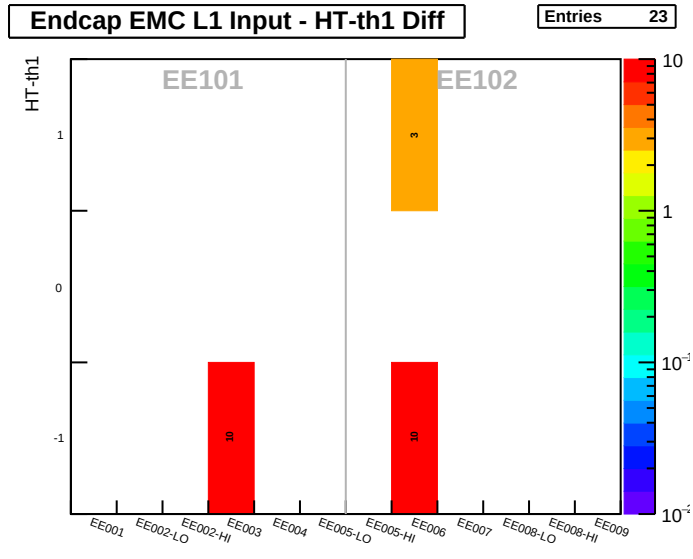

Endcap EMC L1 Input - High Eta Sum
Entries 1.496096e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

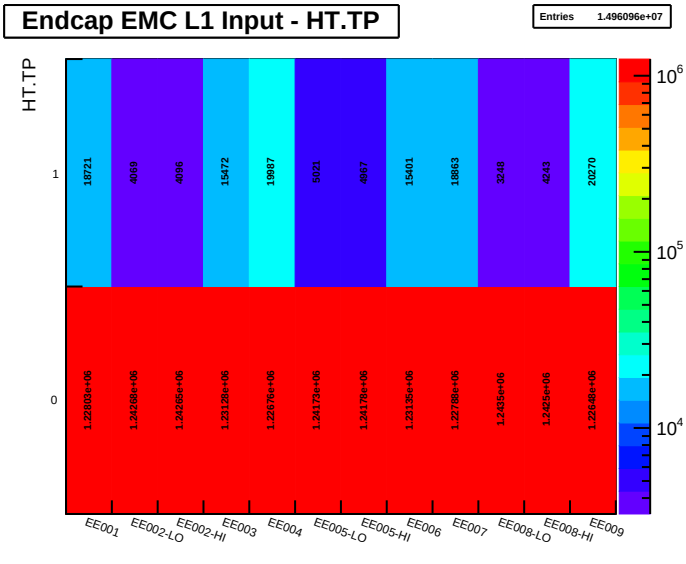

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

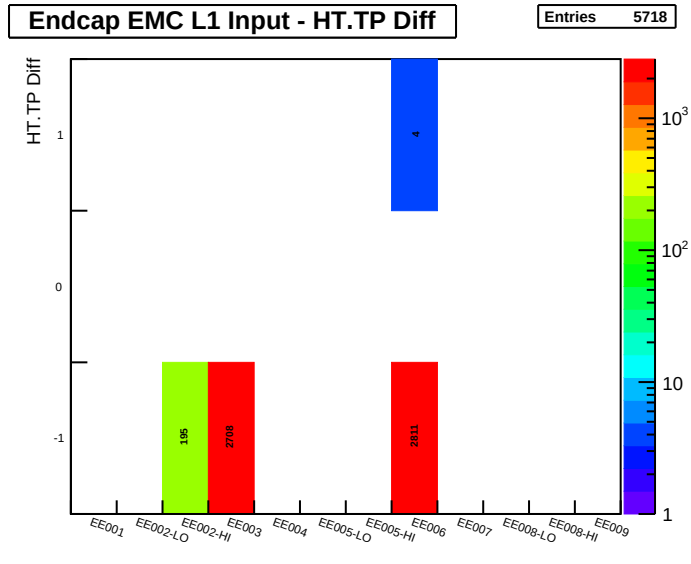

Endcap EMC L1 Input - HT-th0
Entries 1.496096e+07
HT-th0
EE101
EE102
1995 443 493 1885 2160 616 673 1733 1983 320 710 2154
1.24475e+06 1.24531e+06 1.24625e+06 1.24486e+06 1.24459e+06 1.24613e+06 1.24607e+06 1.24501e+06 1.24476e+06 1.24643e+06 1.24604e+06 1.24459e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

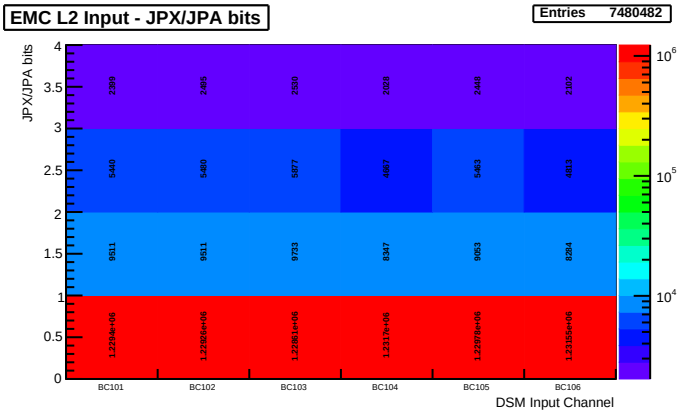

Endcap EMC L1 Input - HT-th0 Diff
Entries 47
HT-th0
EE101
EE102
3
2 23 19
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

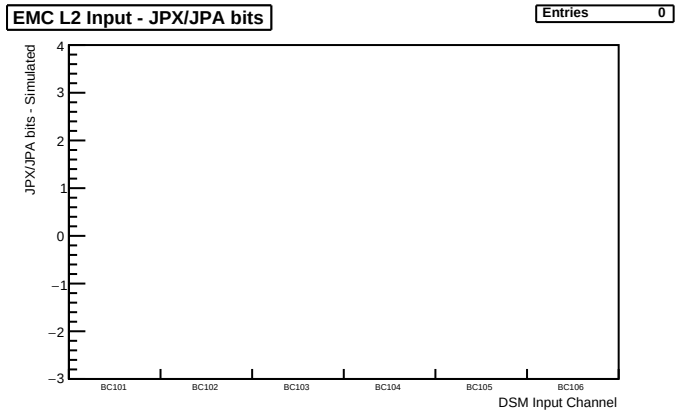

Endcap EMC L1 Input - HT-th1
Entries 1.496096e+07
HT-th1
EE101
EE102
927 210 207 909 1007 268 319 844 909 138 342 947
1.24592e+06 1.24654e+06 1.24654e+06 1.24594e+06 1.24574e+06 1.24649e+06 1.24643e+06 1.24558e+06 1.24594e+06 1.24661e+06 1.24564e+06 1.24558e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

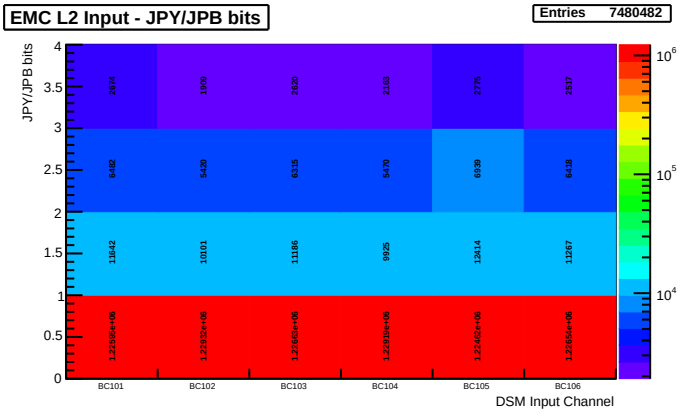

Endcap EMC L1 Input - HT-th1 Diff
Entries 23
HT-th1
EE101
EE102
3
10 10
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

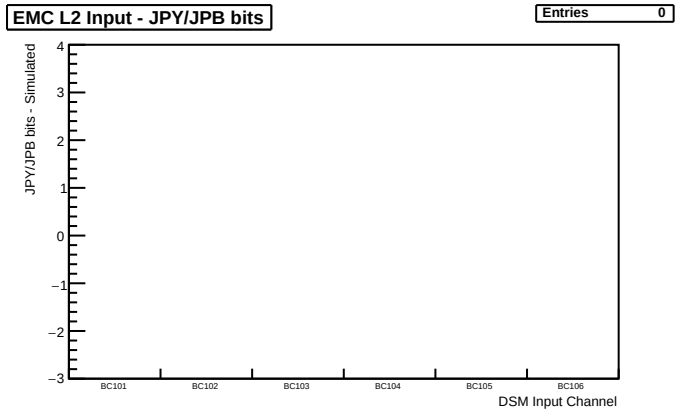

Endcap EMC L1 Input - HT.TP
Entries 1.496096e+07
HT.TP
18721 4069 4096 15472 19987 5021 4867 15401 18863 3248 4243 20270
1.22803e+06 1.24288e+06 1.24285e+06 1.23128e+06 1.22676e+06 1.24173e+06 1.24178e+06 1.23135e+06 1.22788e+06 1.24356e+06 1.24255e+06 1.22648e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

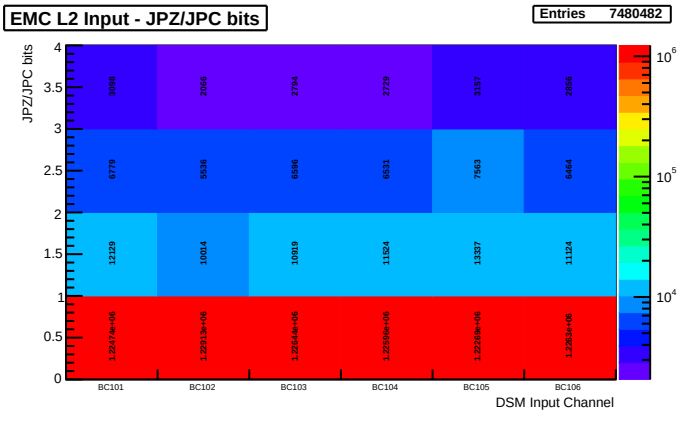

Endcap EMC L1 Input - HT.TP Diff
Entries 5718
HT.TP Diff
4
195 2708 2811
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

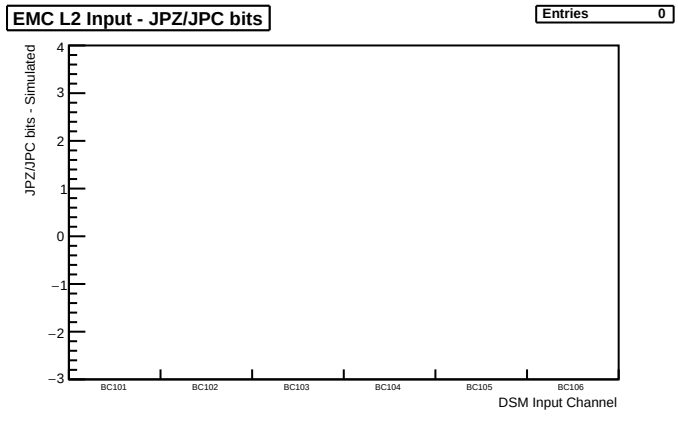

EMC L2 Input - JPX/JPA bits
Entries 7480482
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

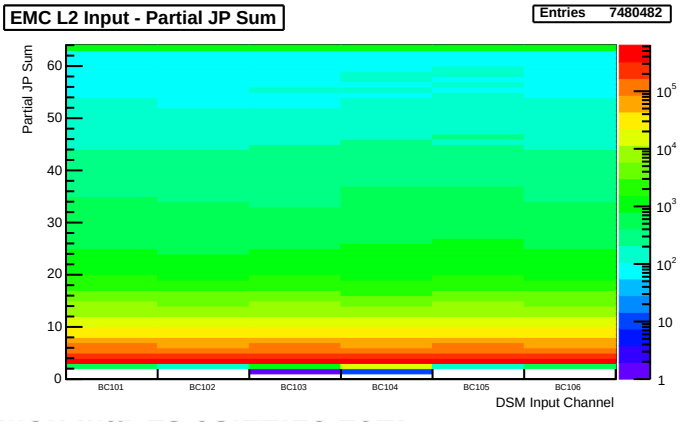

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel

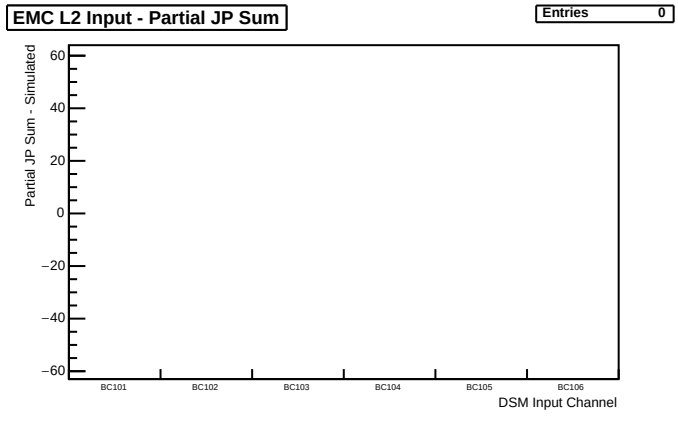

EMC L2 Input - JPY/JPB bits
Entries 7480482
JPY/JPB bits
DSM Input Channel

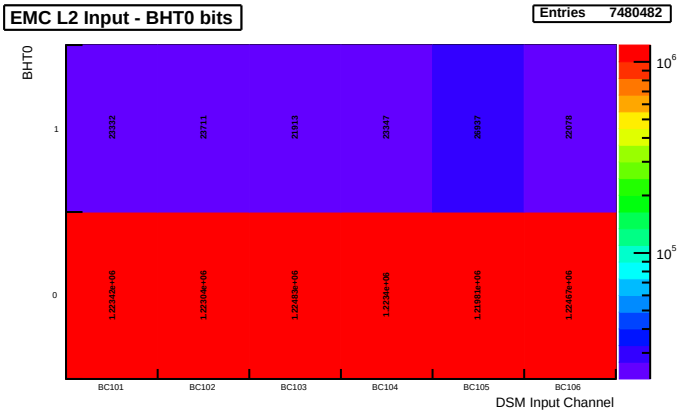

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel

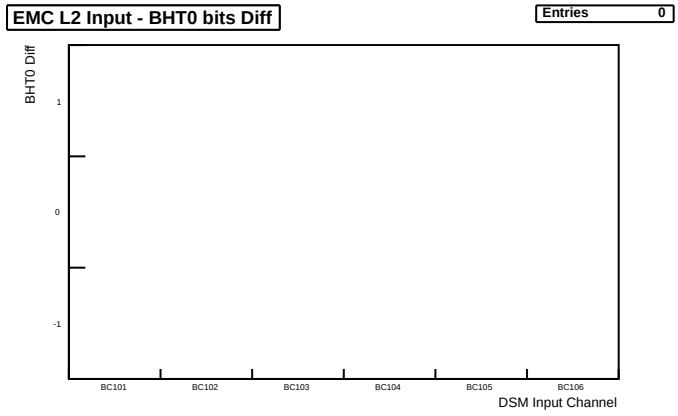

EMC L2 Input - JPZ/JPC bits
Entries 7480482
JPZ/JPC bits
DSM Input Channel

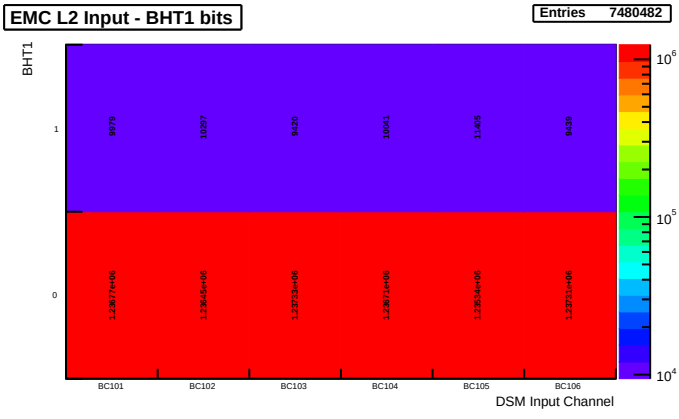

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel

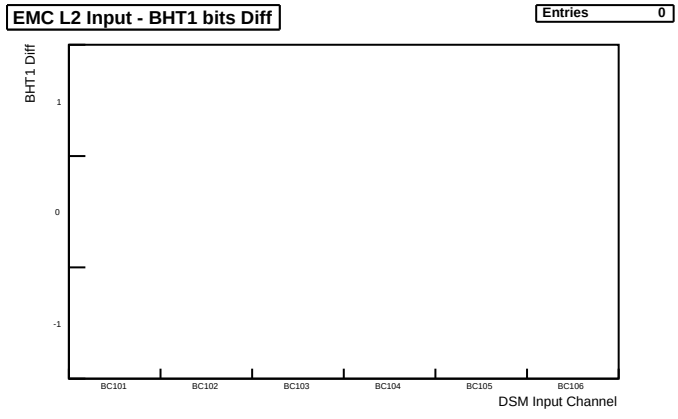

EMC L2 Input - Partial JP Sum
Entries 7480482
Partial JP Sum
DSM Input Channel

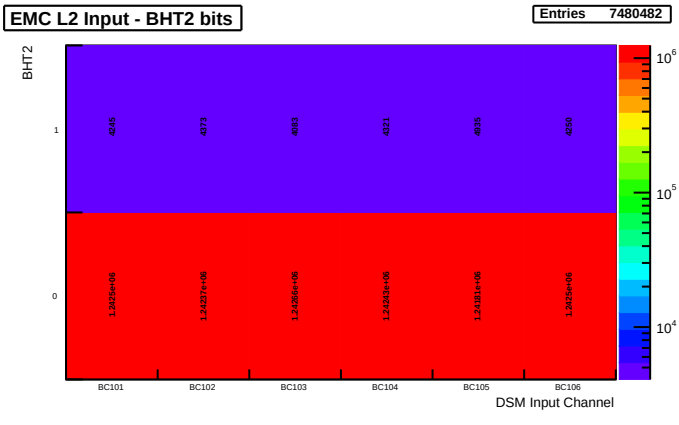

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel

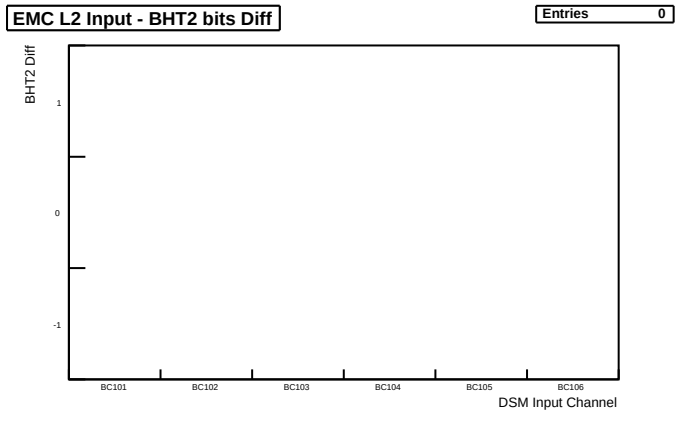

EMC L2 Input - BHT0 bits
Entries 7480482
BHT0
1
0
23132
23711
21913
23147
28937
22178
1.22442e+06
1.22304e+06
1.22483e+06
1.2239e+06
1.21981e+06
1.22467e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

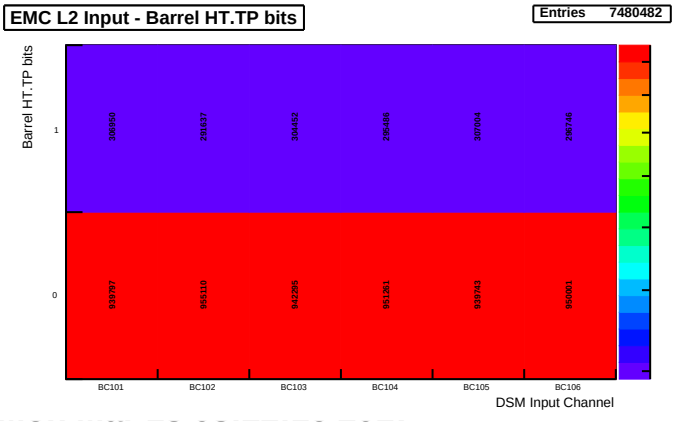

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

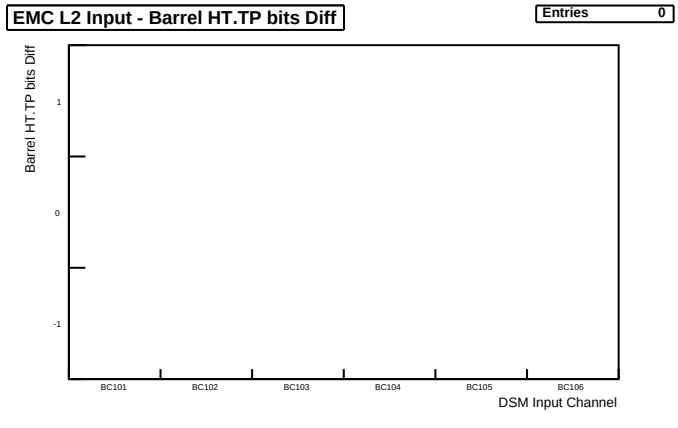

EMC L2 Input - BHT1 bits
Entries 7480482
BHT1
1
0
9979
10297
9420
10041
11405
9439
1.23677e+06
1.23845e+06
1.23739e+06
1.23871e+06
1.23934e+06
1.23731e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

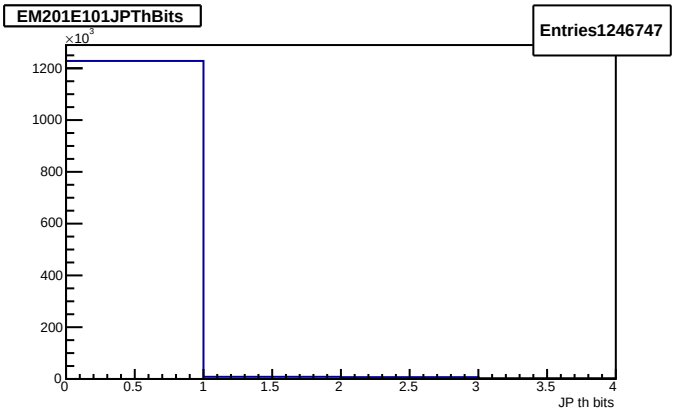

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

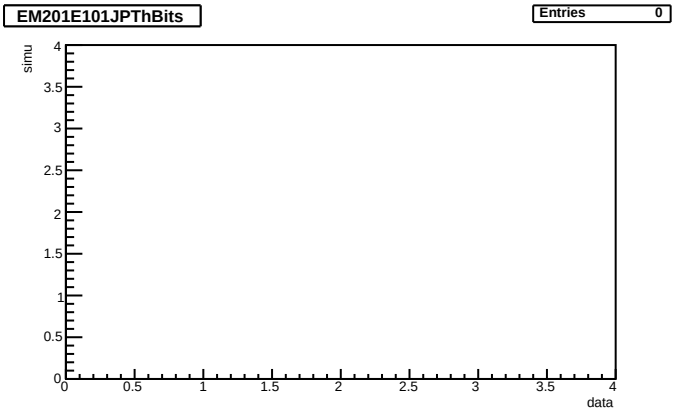

EMC L2 Input - BHT2 bits
Entries 7480482
BHT2
1
0
4245
4373
4083
4321
4635
4250
1.2425e+06
1.24237e+06
1.24256e+06
1.24213e+06
1.24181e+06
1.2425e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

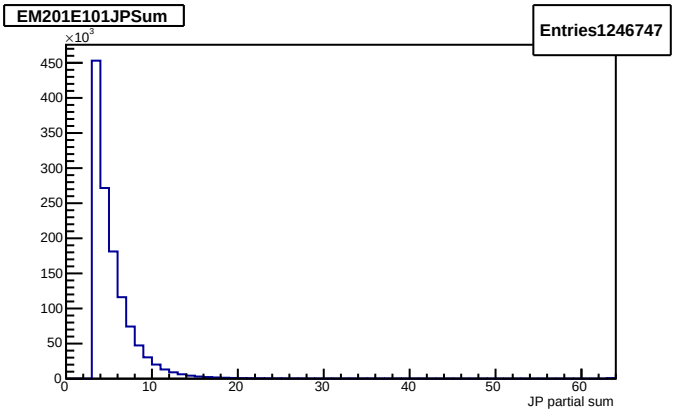

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

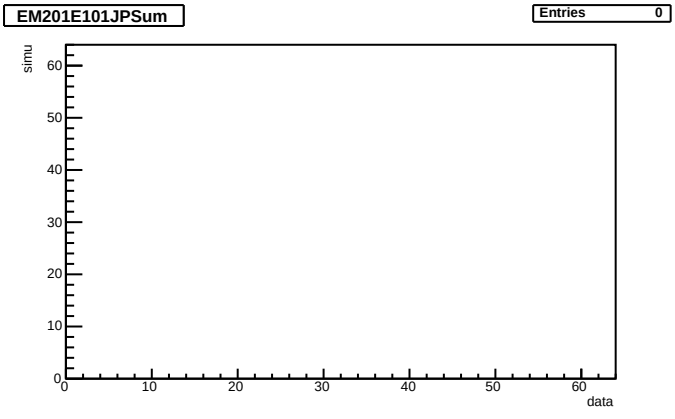

EMC L2 Input - Barrel HT.TP bits
Entries 7480482
Barrel HT.TP bits
1
0
306550
291637
304452
295486
307004
298746
939797
955110
942295
951351
939743
950001
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

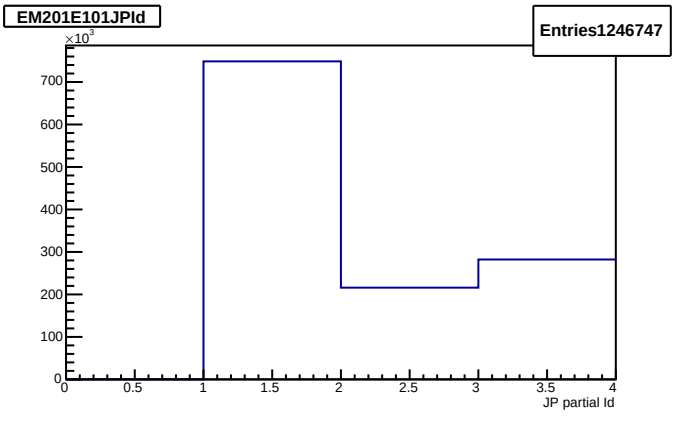

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

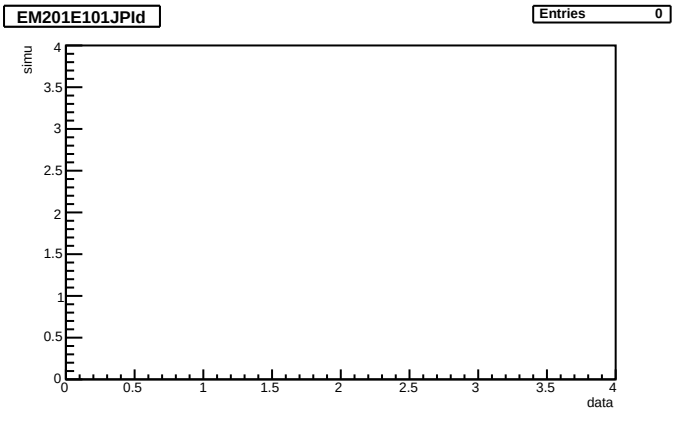

EM201E101JPThBits
Entries1246747
×10^3
JP th bits

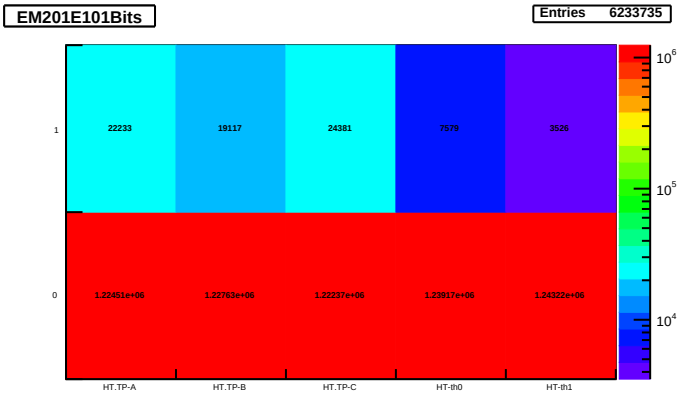

EM201E101JPThBits
Entries 0
simu
data

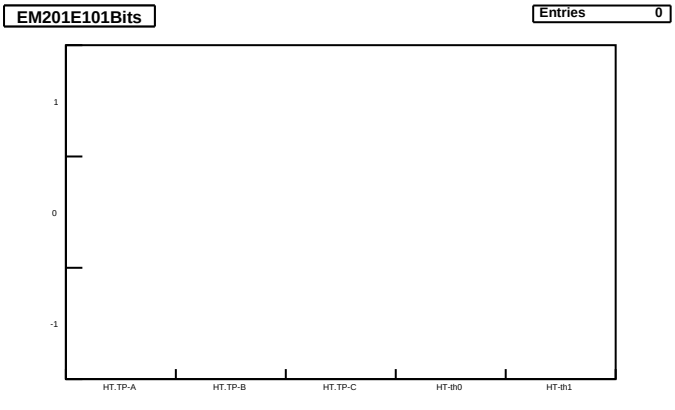

EM201E101JPSum
Entries1246747
×10^3
JP partial sum

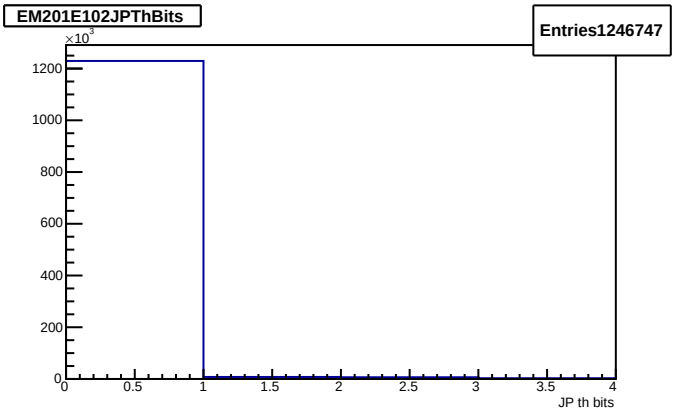

EM201E101JPSum
Entries 0
simu
data

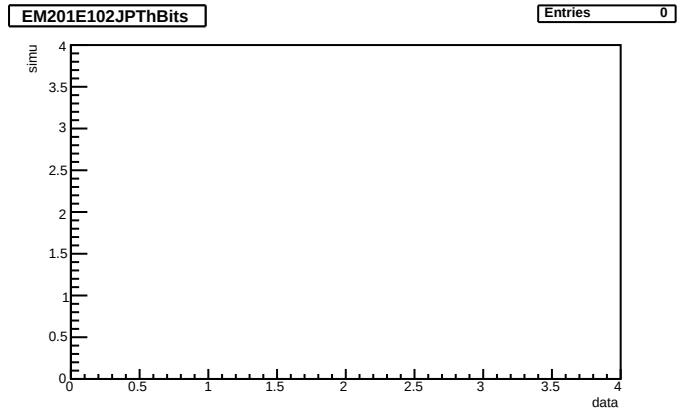

EM201E101JPId
Entries1246747
×10^3
JP partial Id

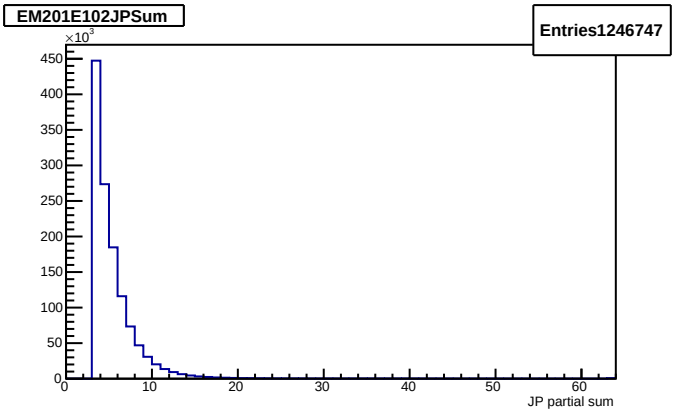

EM201E101JPId
Entries 0
simu
data

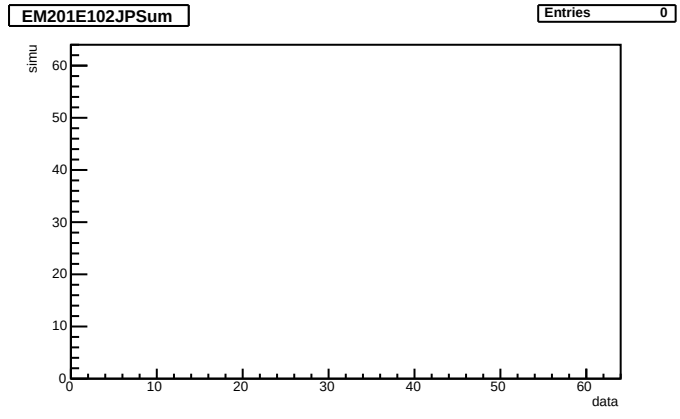

EM201E101Bits
Entries 6233735
22233
19117
24381
7579
3526
1.22451e+06
1.22763e+06
1.22237e+06
1.23917e+06
1.24322e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

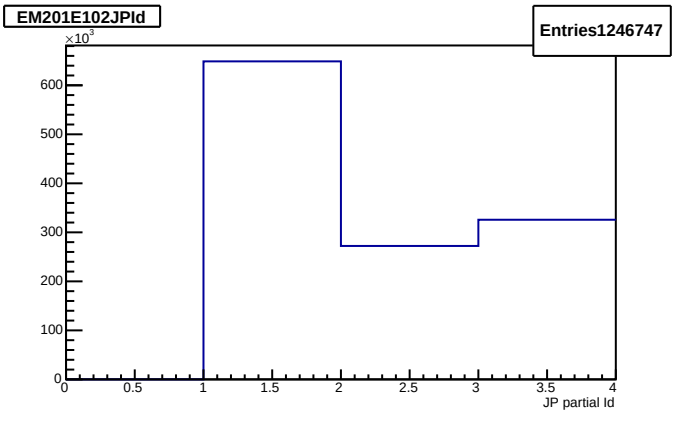

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

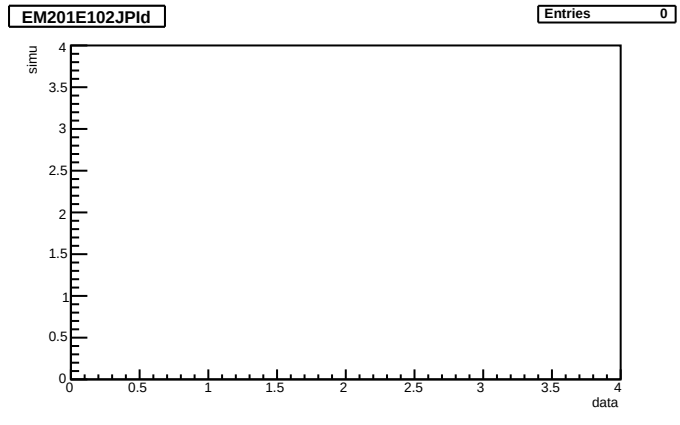

EM201E102JPThBits
Entries1246747
×10^3
JP th bits

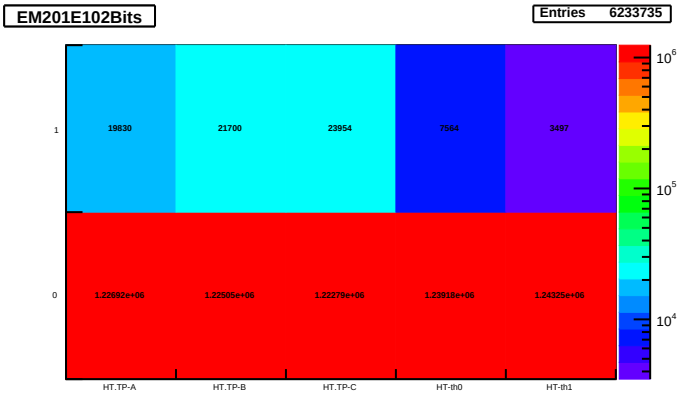

EM201E102JPThBits
Entries 0
simu
data

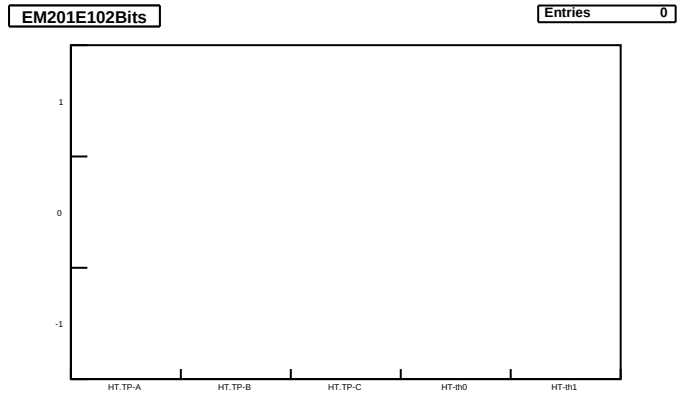

EM201E102JPSum
Entries1246747
×10^3
JP partial sum

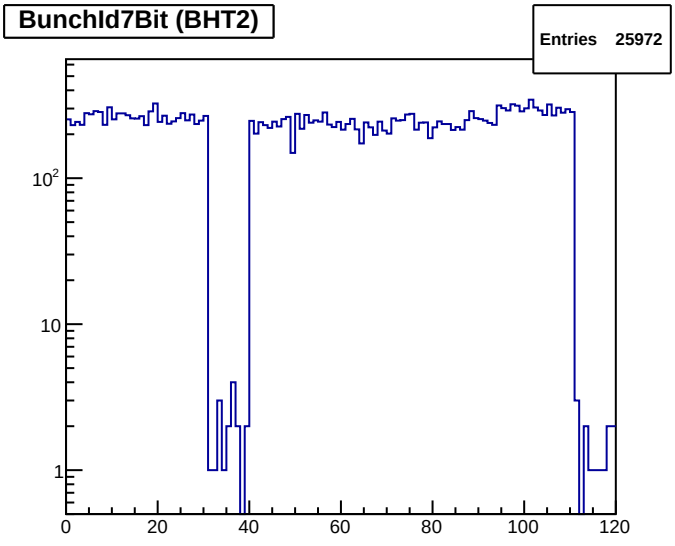

EM201E102JPSum
Entries 0
simu
data

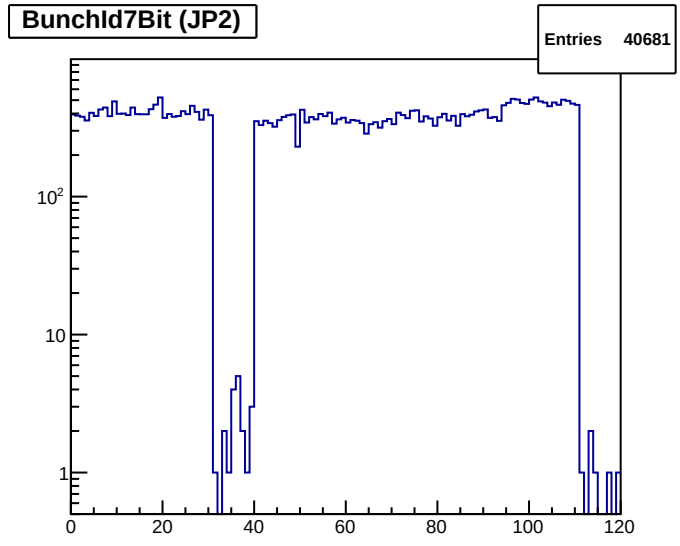

EM201E102JPId
Entries1246747
×10^3
JP partial Id

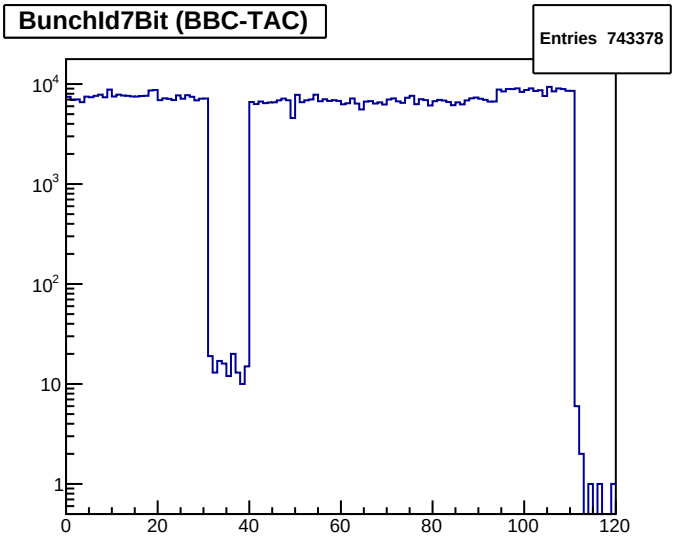

EM201E102JPId
Entries 0
simu
data

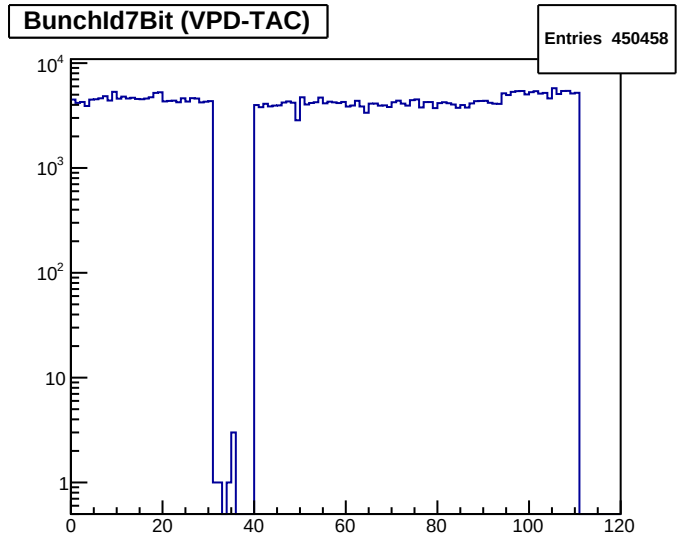

EM201E102Bits
Entries 6233735
19830
21700
23954
7564
3497
1.22692e+06
1.22505e+06
1.22279e+06
1.23918e+06
1.24325e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

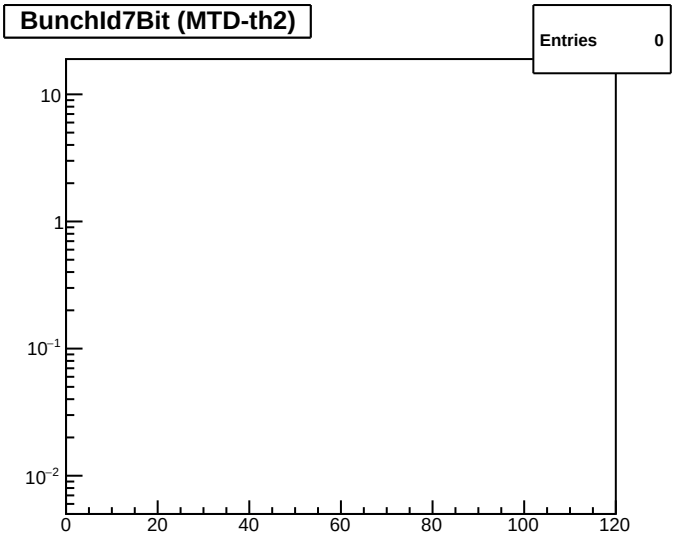

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

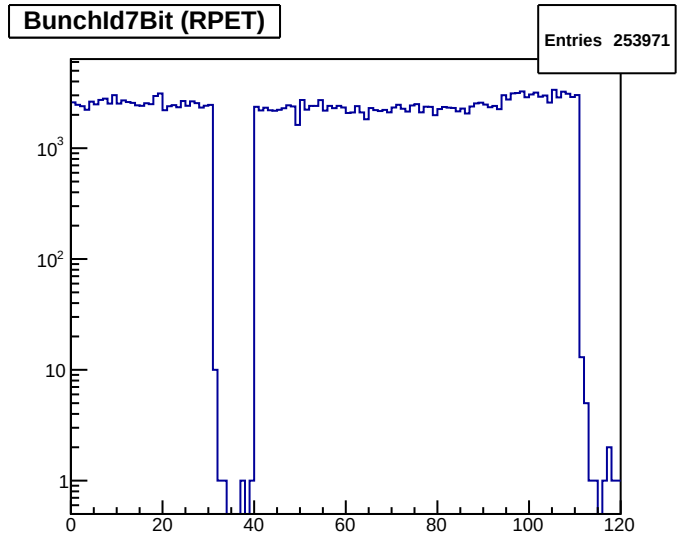

BunchId7Bit (BHT2)
Entries 25972

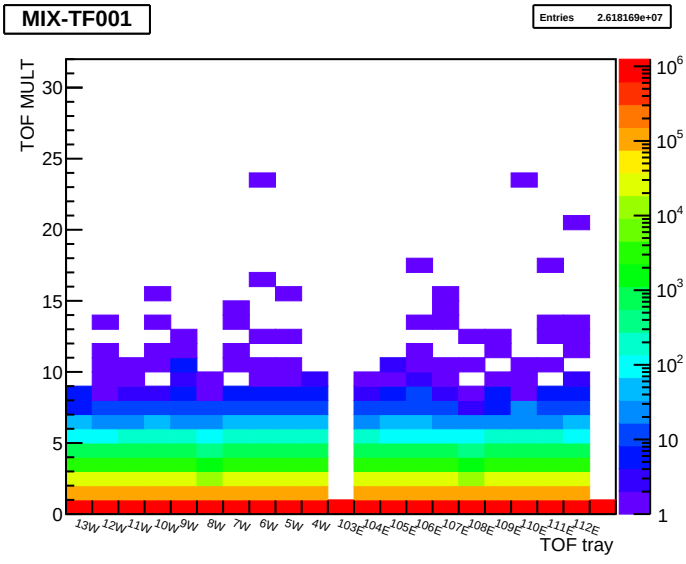

BunchId7Bit (JP2)
Entries 40681

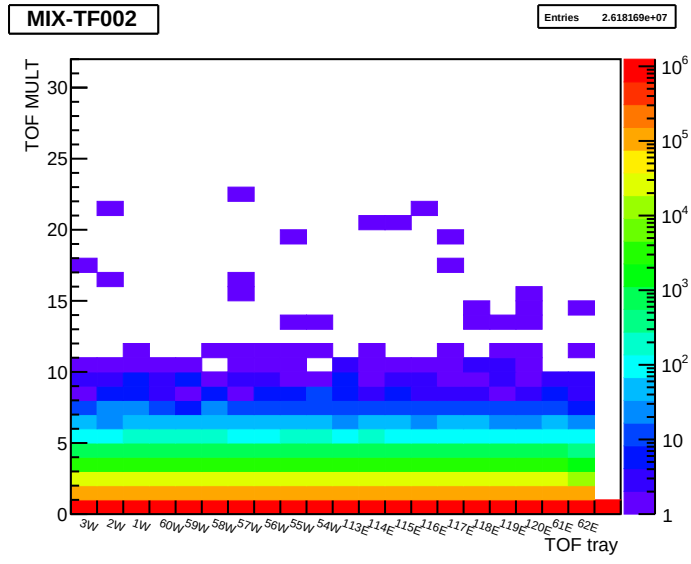

BunchId7Bit (BBC-TAC)
Entries 743378

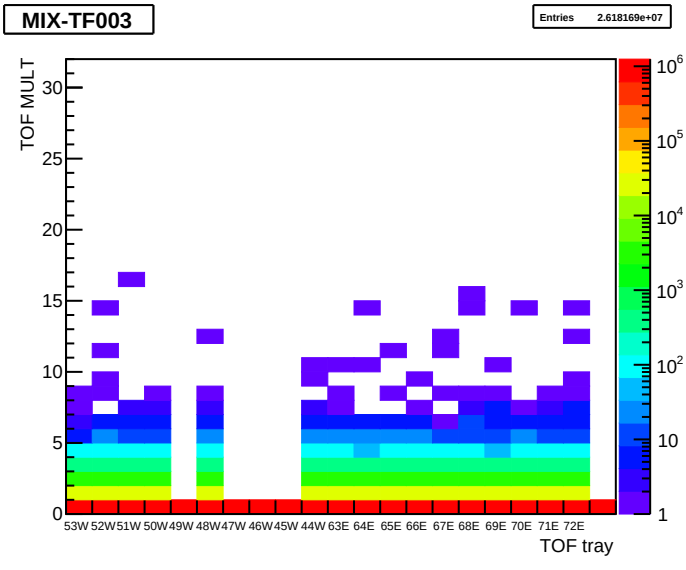

BunchId7Bit (VPD-TAC)
Entries 450458

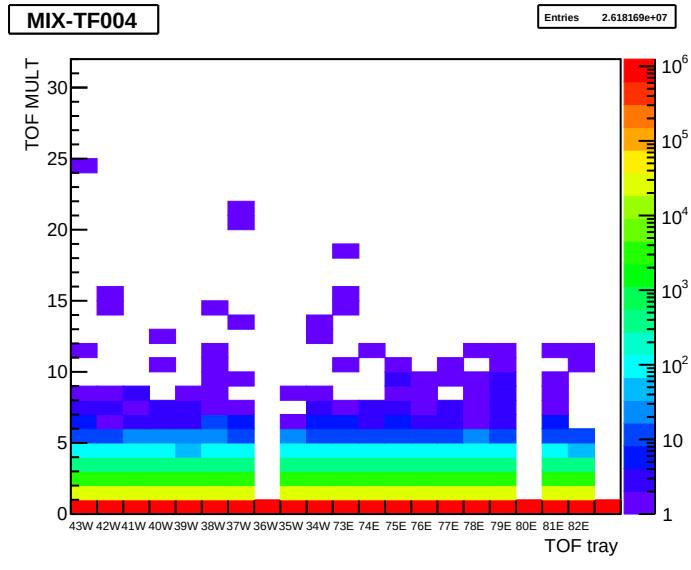

BunchId7Bit (MTD-th2)
Entries 0

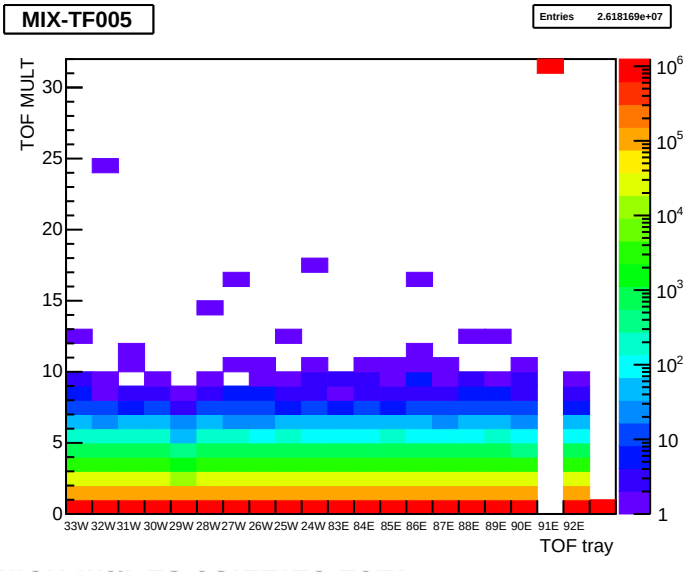

BunchId7Bit (RPET)
Entries 253971

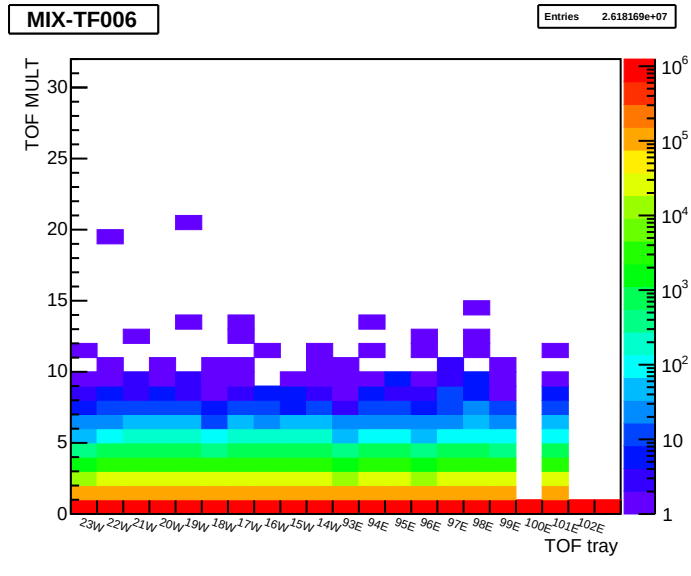

MIX-TF001
Entries 2.618169e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

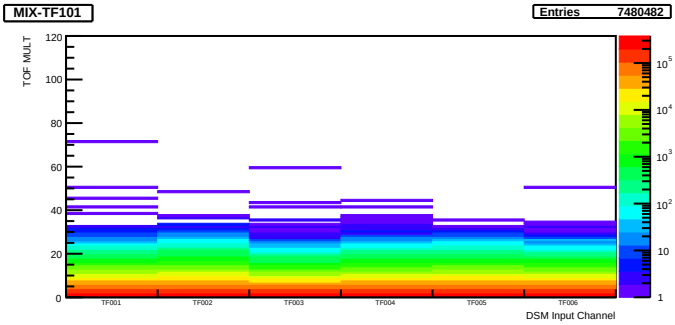

MIX-TF002
Entries 2.618169e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

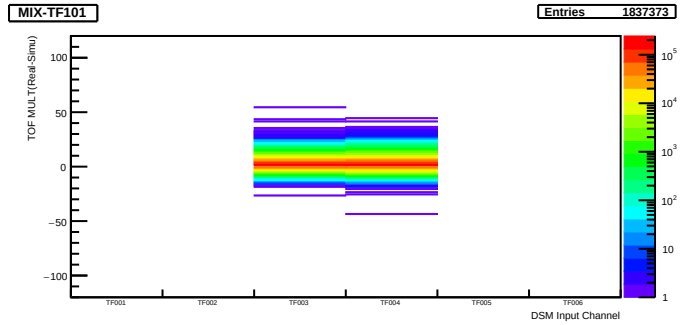

MIX-TF003
Entries 2.618169e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

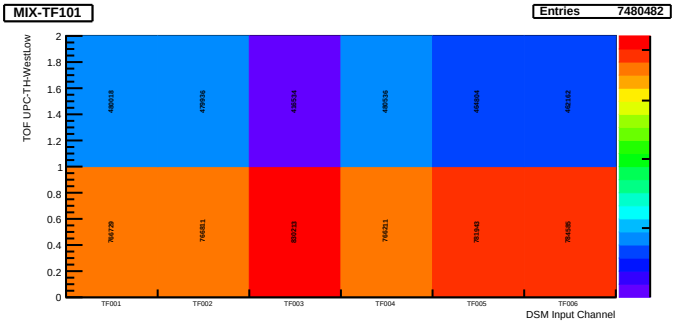

MIX-TF004
Entries 2.618169e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

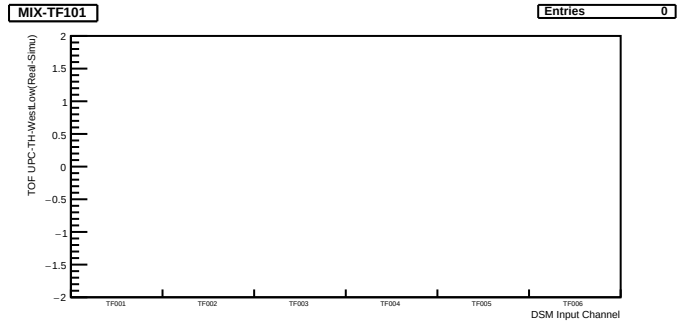

MIX-TF005
Entries 2.618169e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

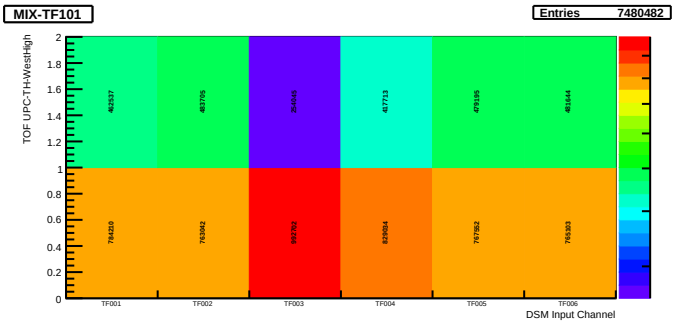

MIX-TF006
Entries 2.618169e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

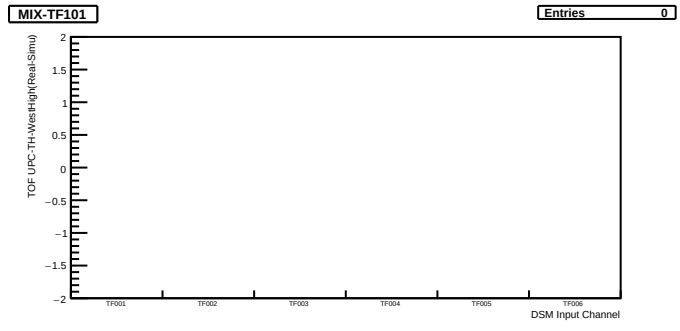

MIX-TF101
Entries 7480482
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

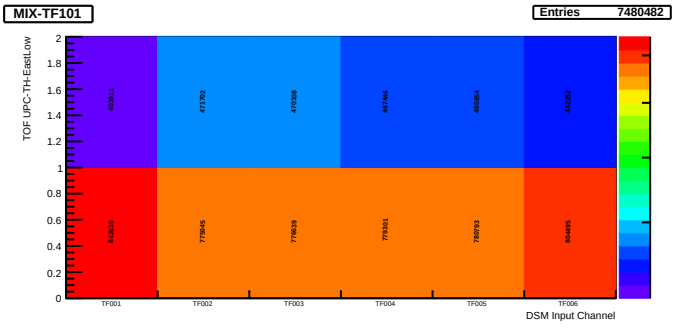

MIX-TF101
Entries 1837373
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

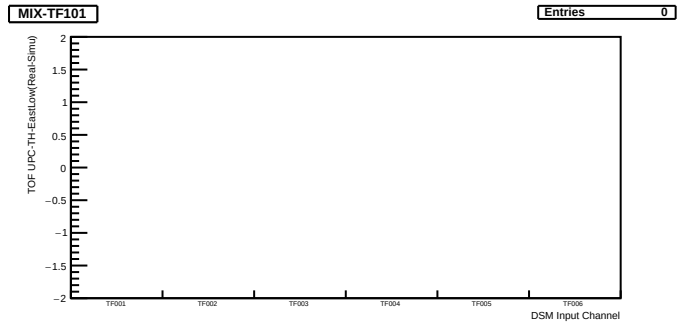

MIX-TF101
Entries 7480482
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

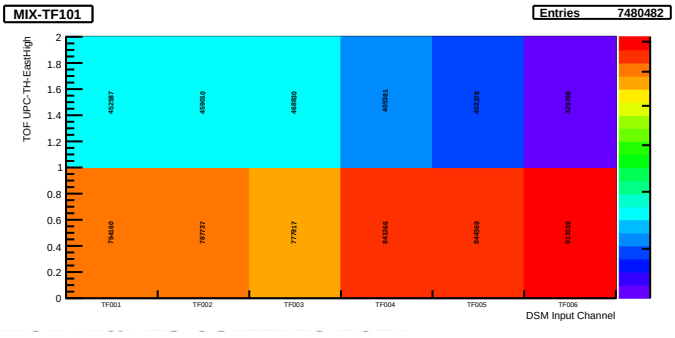

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

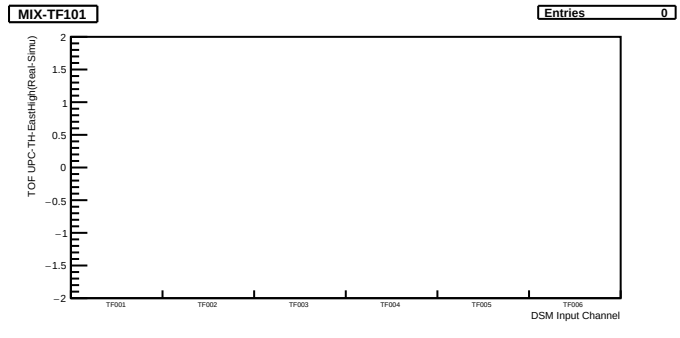

MIX-TF101
Entries 7480482
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

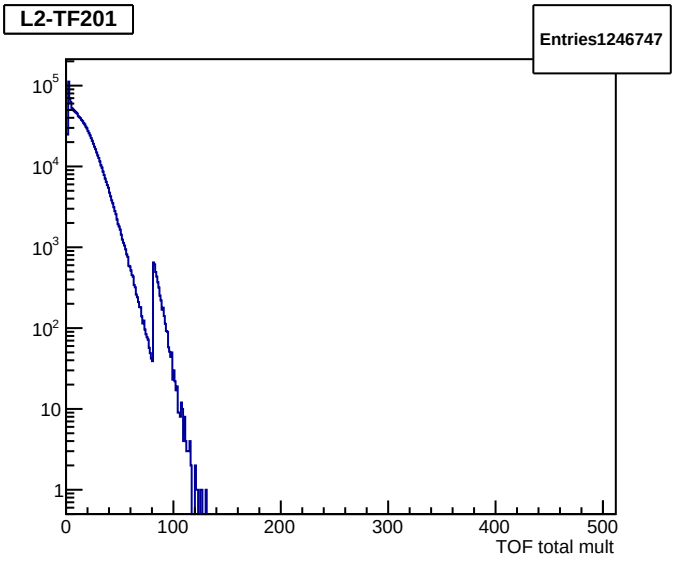

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

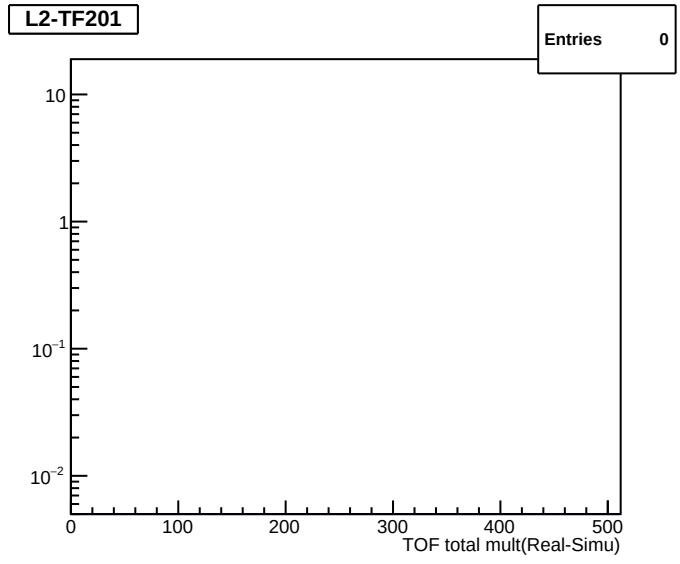

MIX-TF101
Entries 7480482
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

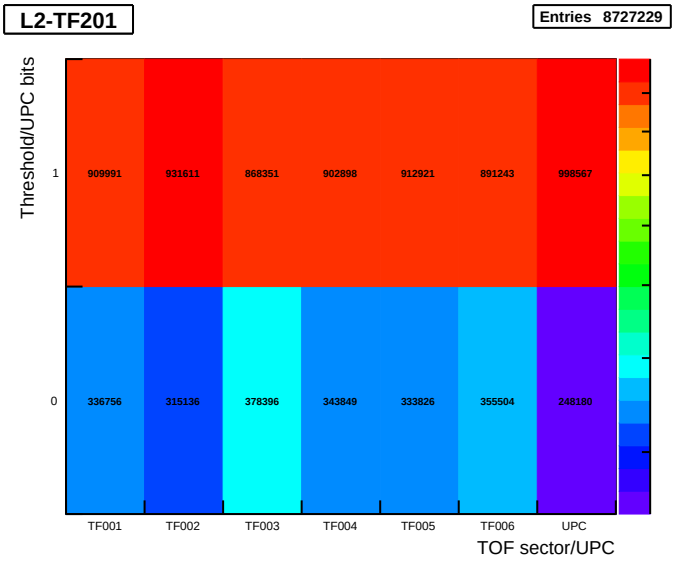

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

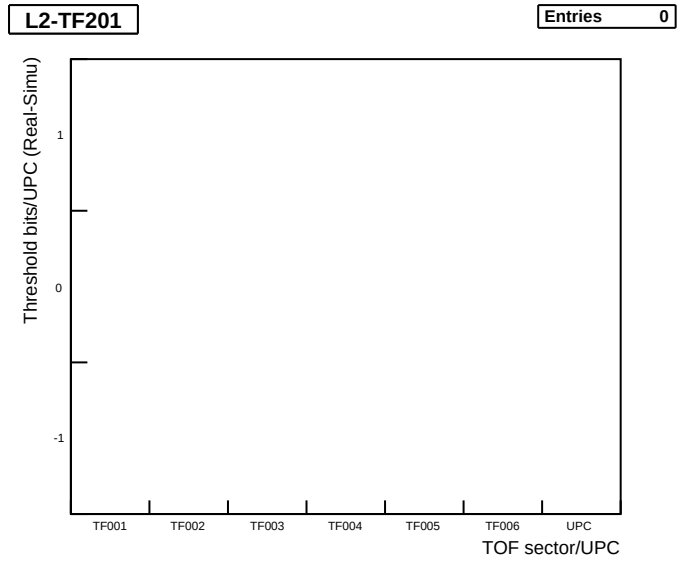

MIX-TF101
Entries 7480482
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

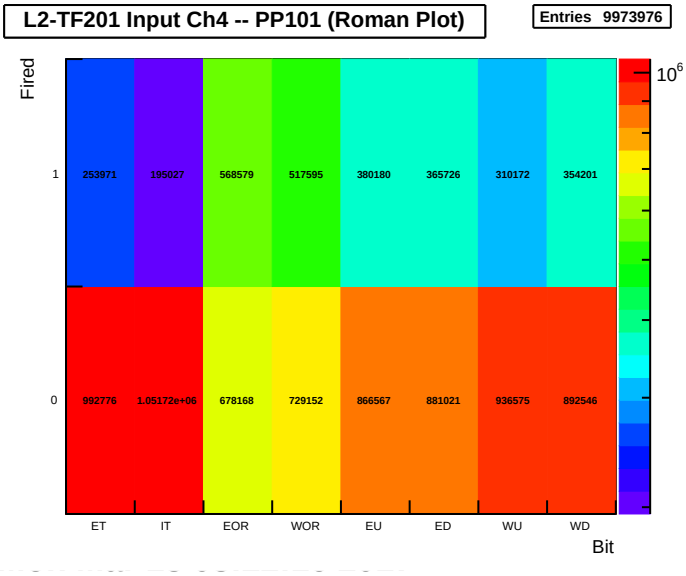

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

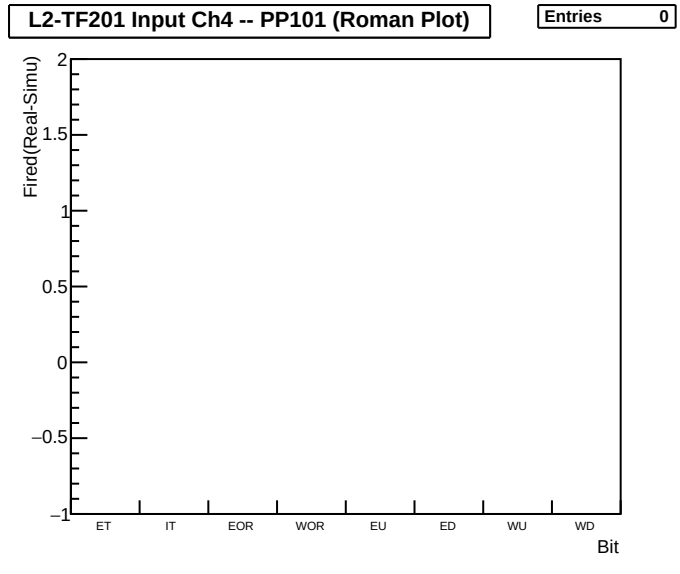

L2-TF201
Entries1246747
TOF total mult

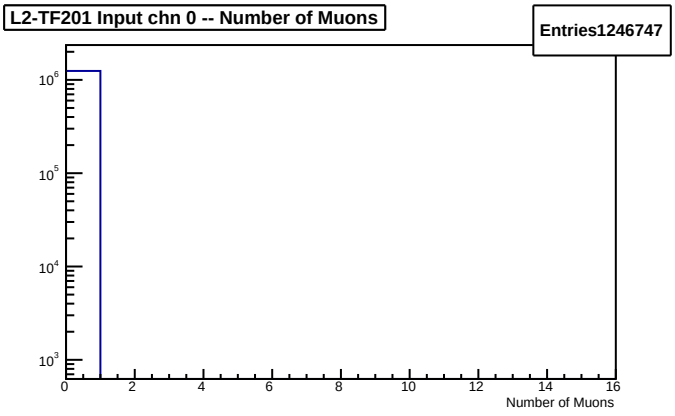

L2-TF201
Entries 0
TOF total mult(Real-Simu)

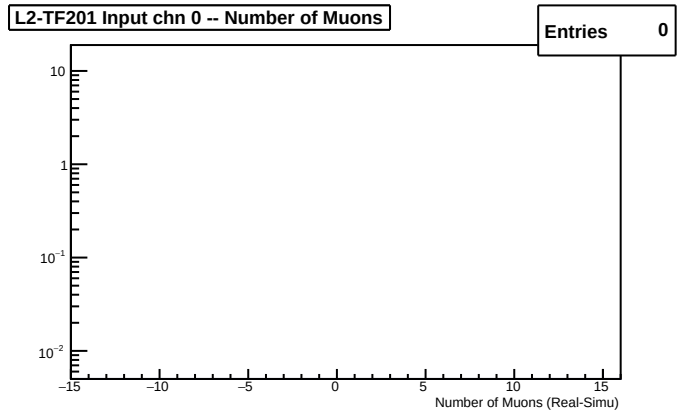

L2-TF201
Entries 8727229
Threshold/UPC bits
909991
931611
868351
902898
912921
891243
998567
336756
315136
378396
343849
333826
355504
248180
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

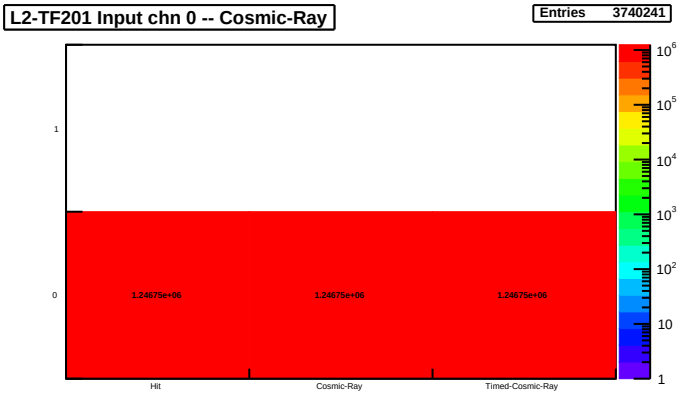

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

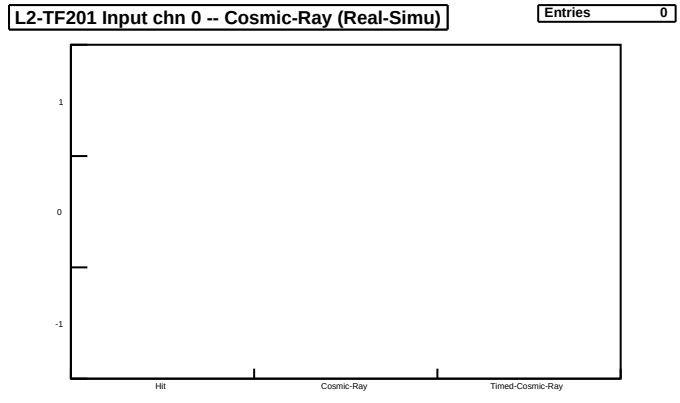

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 9973976
Fired
253971
195027
568579
517595
380180
365726
310172
354201
992776
1.05172e+06
678168
729152
866567
881021
936575
892546
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

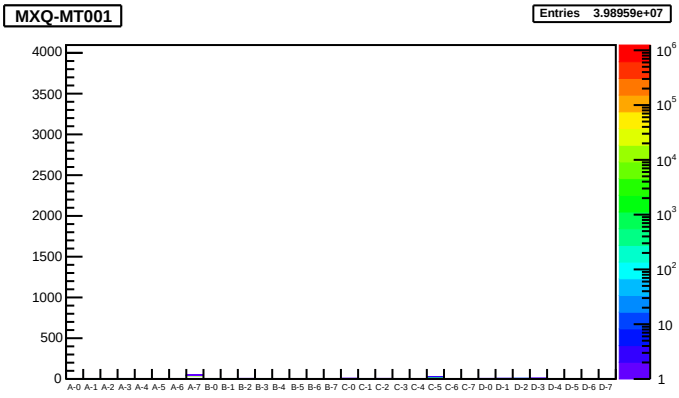

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

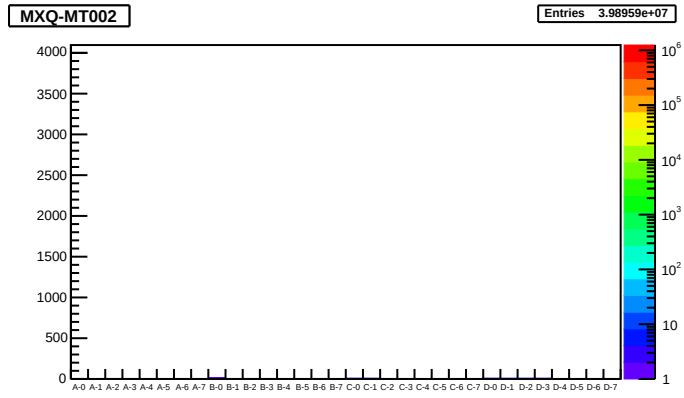

L2-TF201 Input chn 0 -- Number of Muons
Entries1246747
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 3740241
1.24675e+06
1.24675e+06
1.24675e+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 3.98959e+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 3.98959e+07
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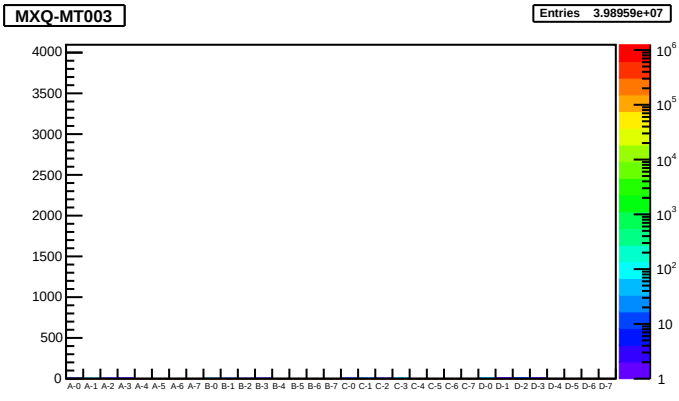
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 3.98959e+07
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3500
3000
2500
2000
1500
1000
500
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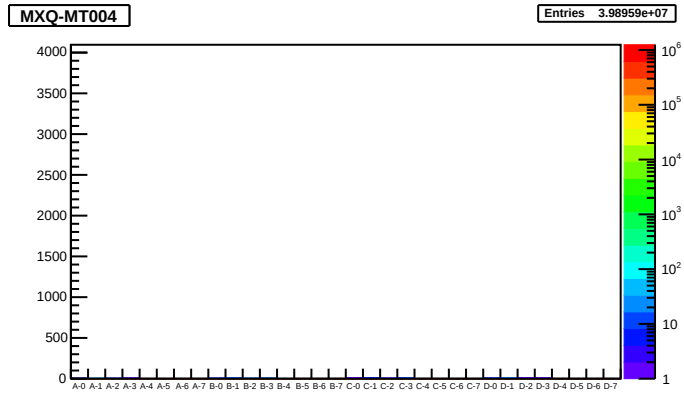
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 3.98959e+07
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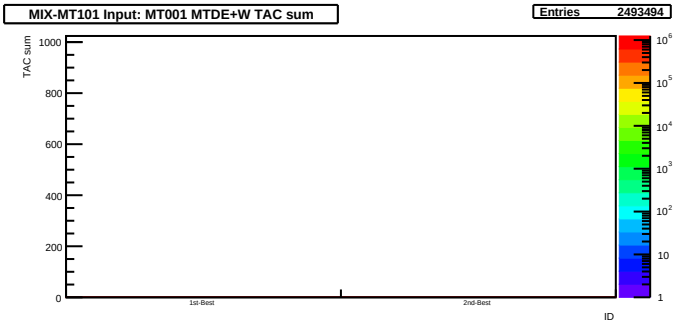
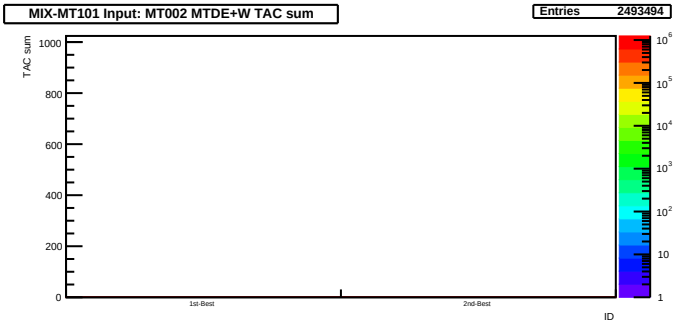
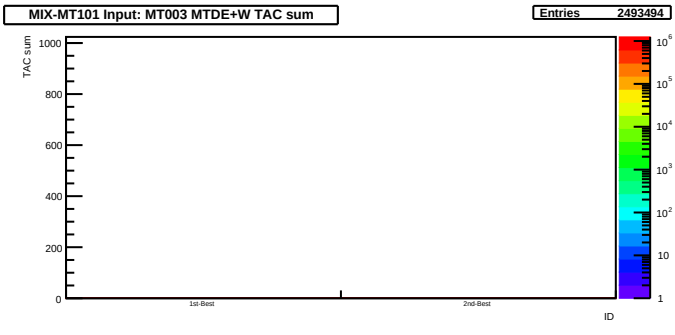
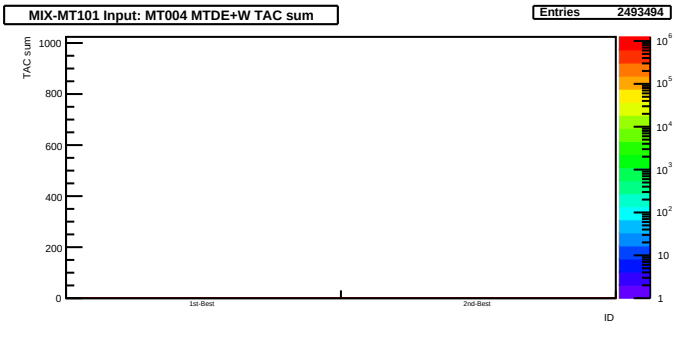
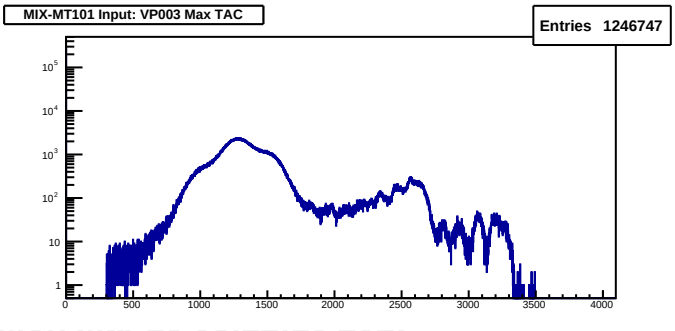
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

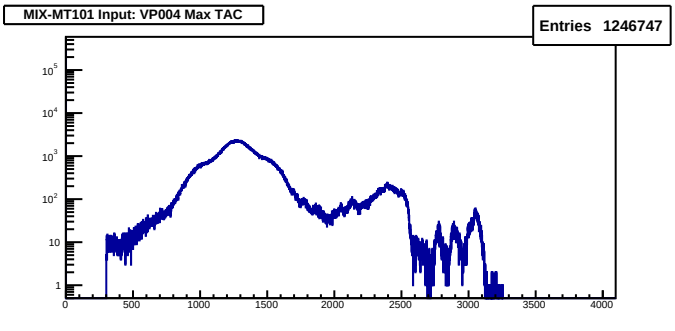

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2493494
TAC sum
1st-Best
2nd-Best
ID

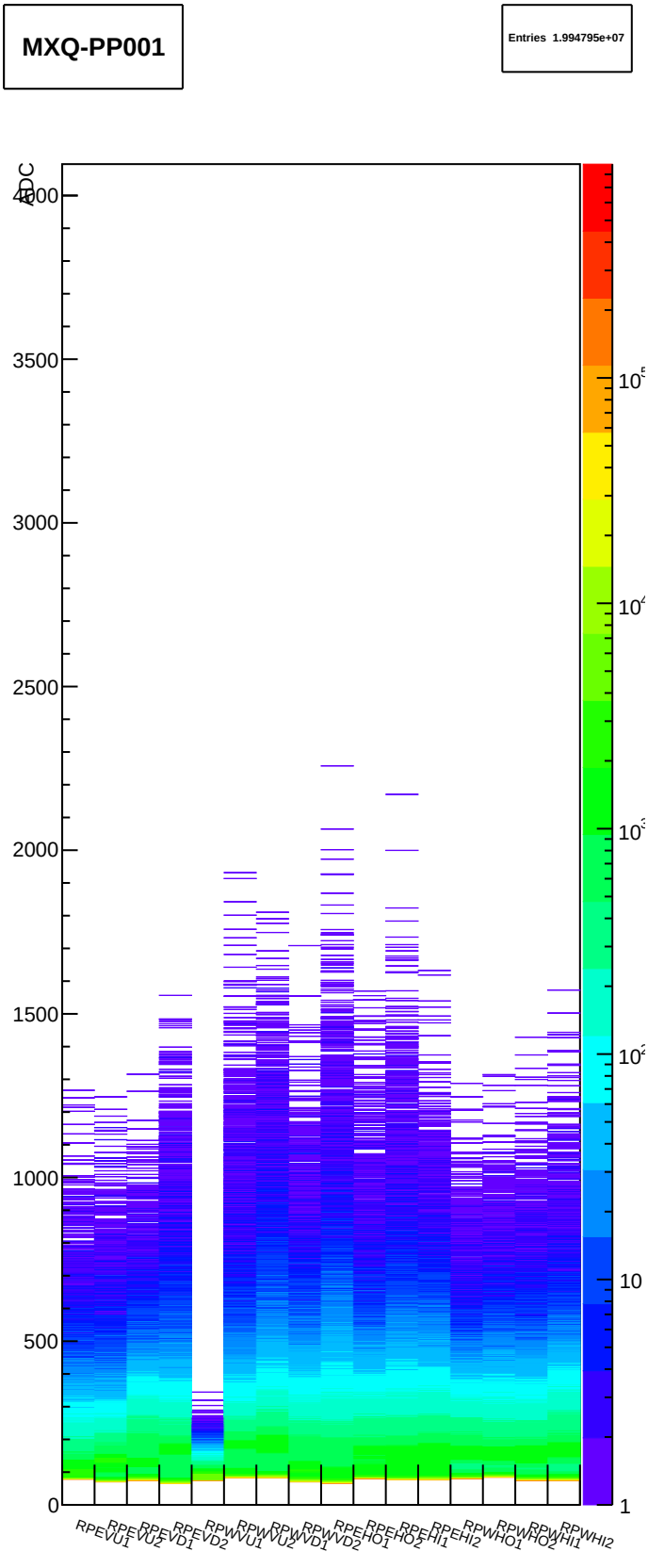

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2493494
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2493494
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2493494
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 1246747


MIX-MT101 Input: VP004 Max TAC
Entries 1246747


MXQ-PP001
Entries 1.994795e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
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RPWHI2
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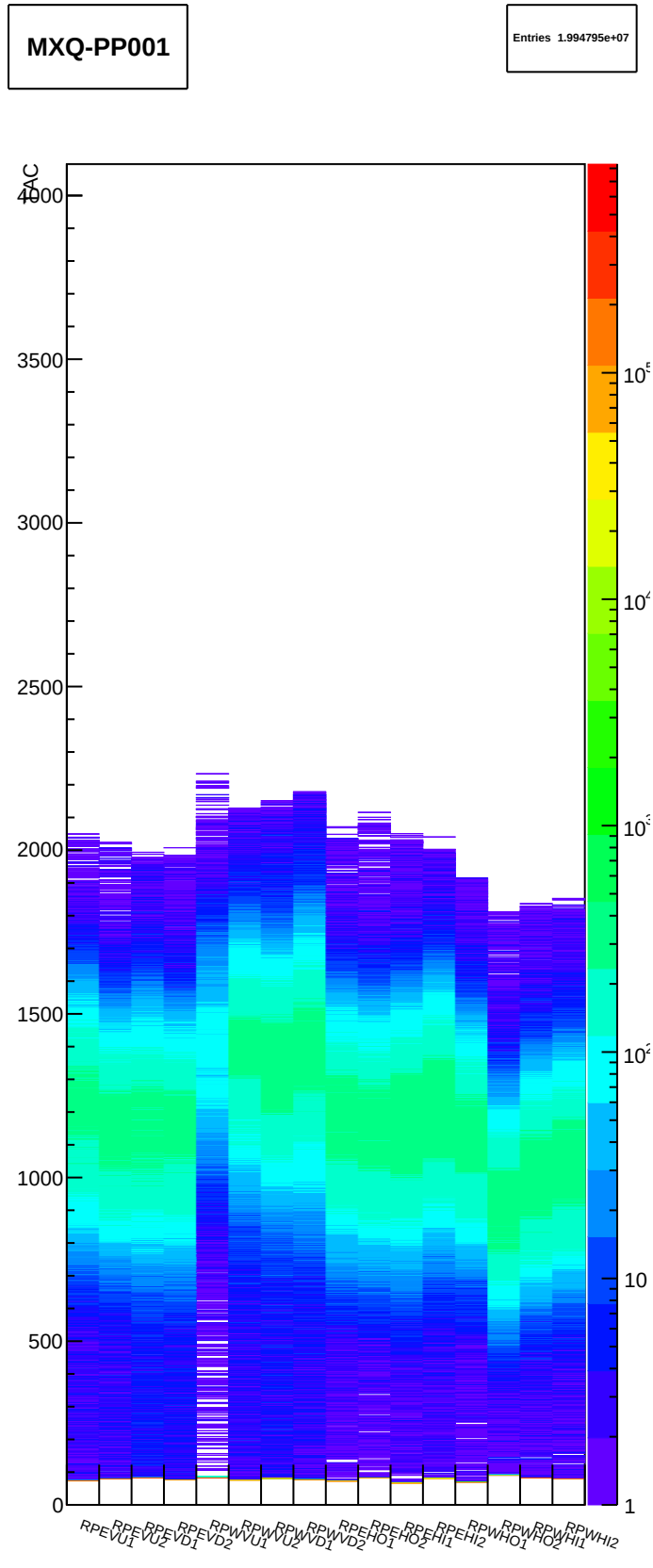
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 1.994795e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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RPWHO1
RPWHO2
RPWHI1
RPWHI2
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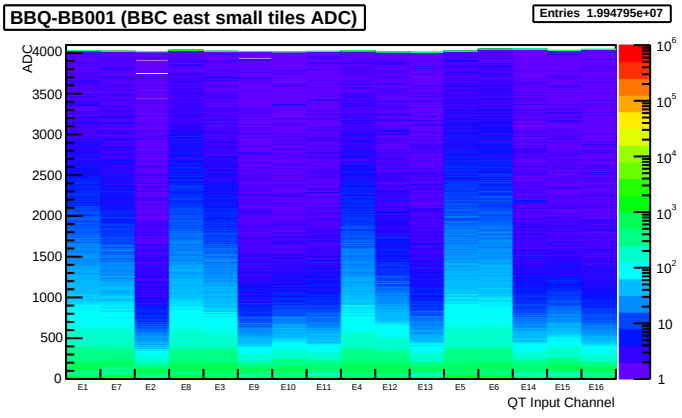
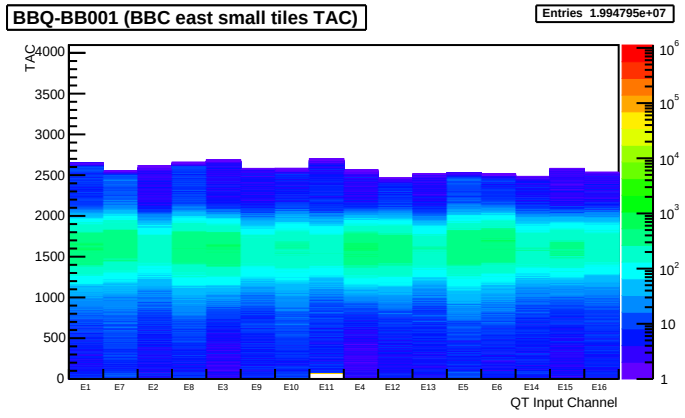
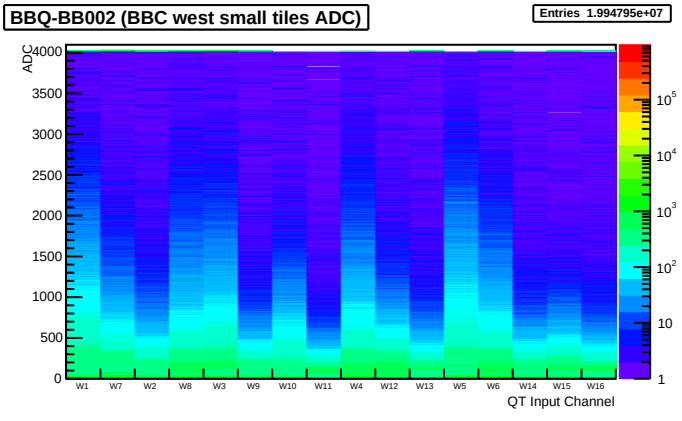
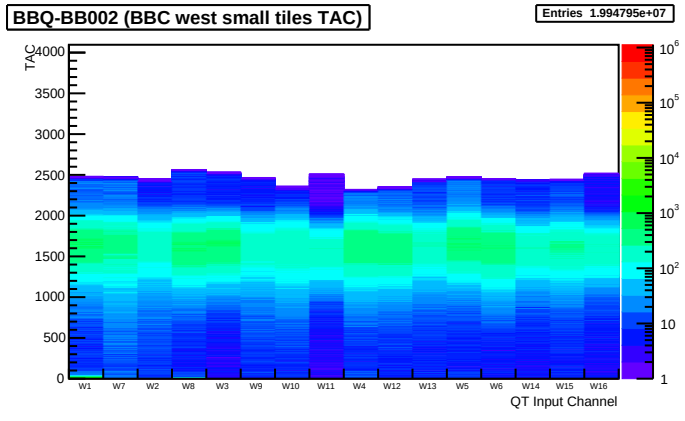
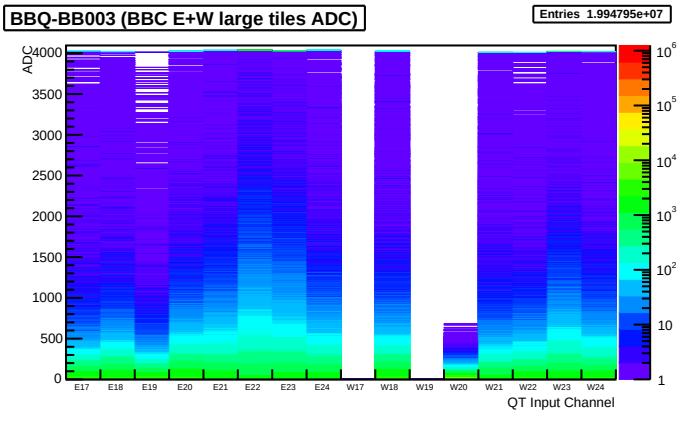
10^4
10^3
10^2
10
1

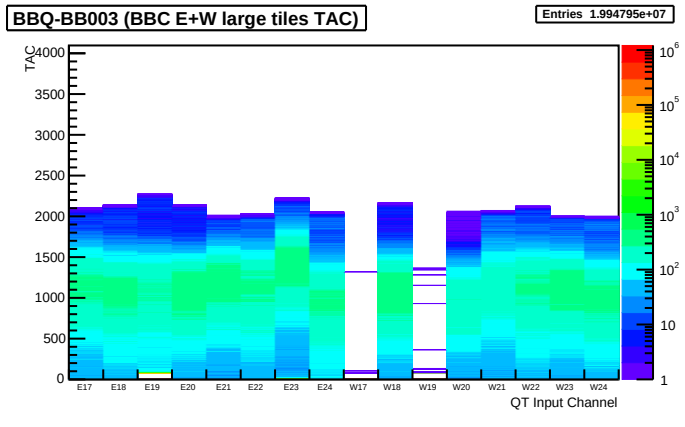

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.994795e+07
ADC
QT Input Channel

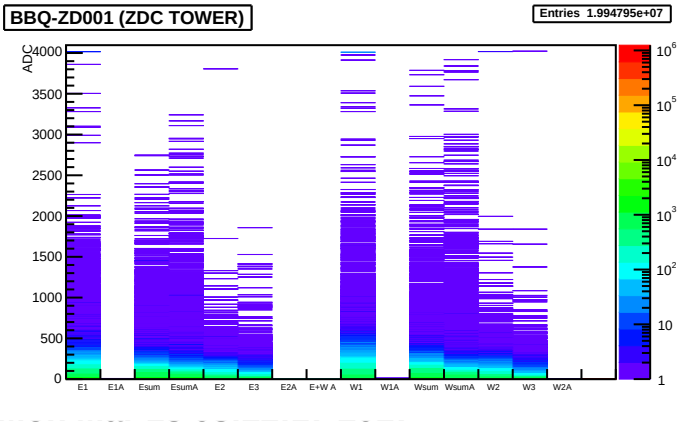

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.994795e+07
TAC
QT Input Channel

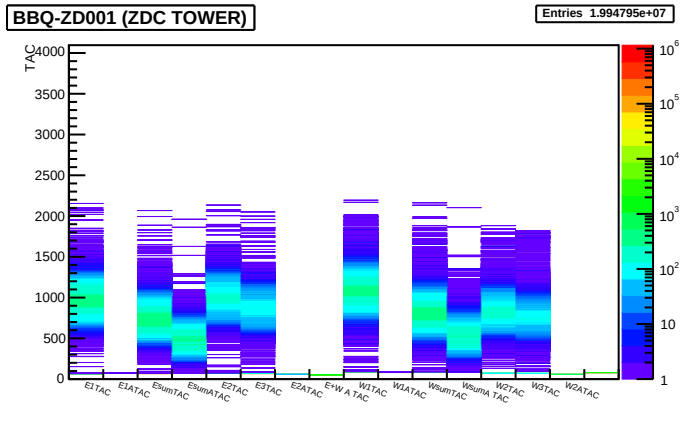

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.994795e+07
ADC
QT Input Channel

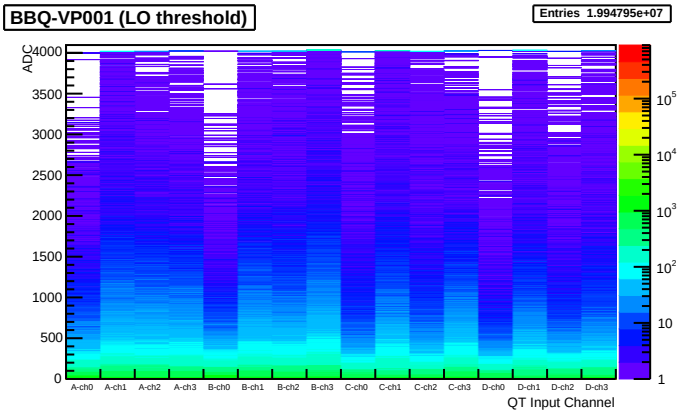

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.994795e+07
TAC
QT Input Channel

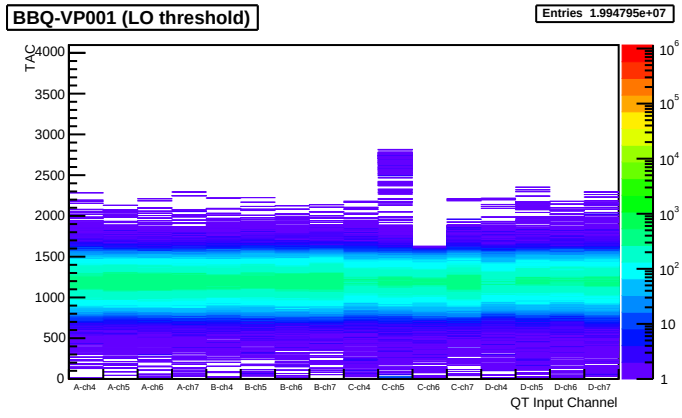

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.994795e+07
ADC
QT Input Channel

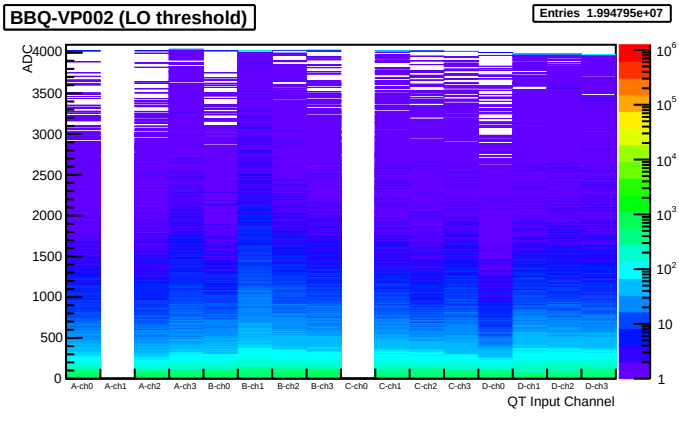

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.994795e+07
TAC
QT Input Channel

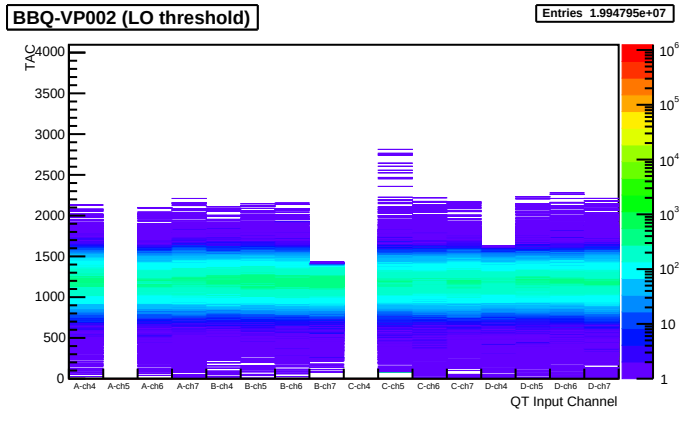

BBQ-ZD001 (ZDC TOWER)
Entries 1.994795e+07
ADC

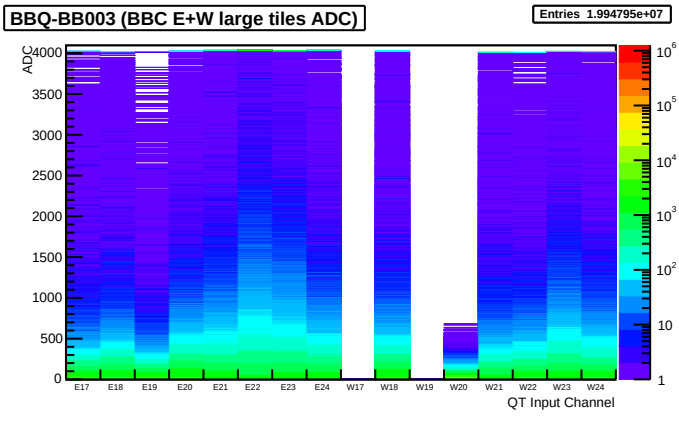

BBQ-ZD001 (ZDC TOWER)
Entries 1.994795e+07
TAC

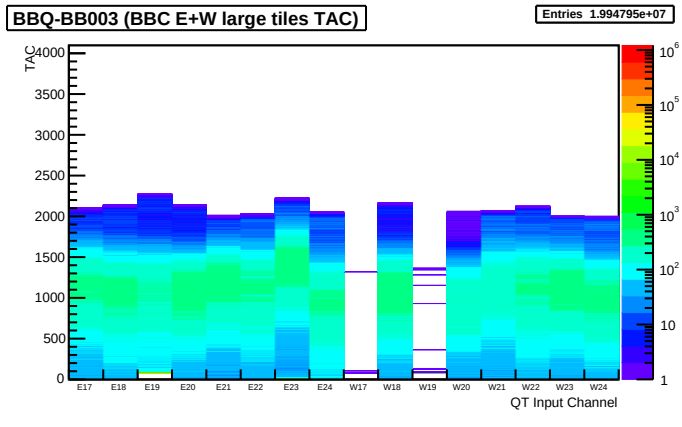

BBQ-VP001 (LO threshold)
Entries 1.994795e+07
ADC
QT Input Channel

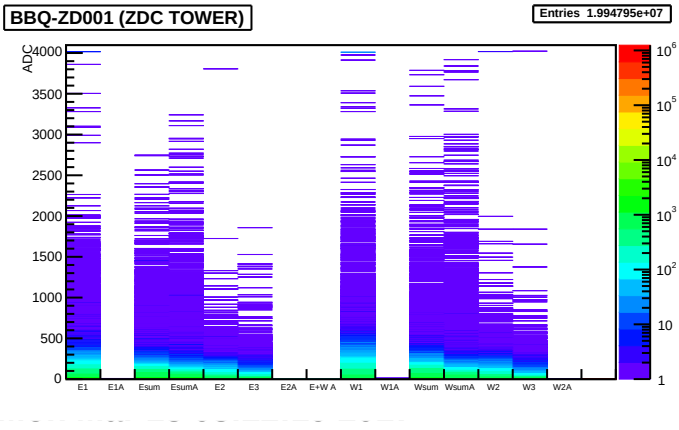

BBQ-VP001 (LO threshold)
Entries 1.994795e+07
TAC
QT Input Channel

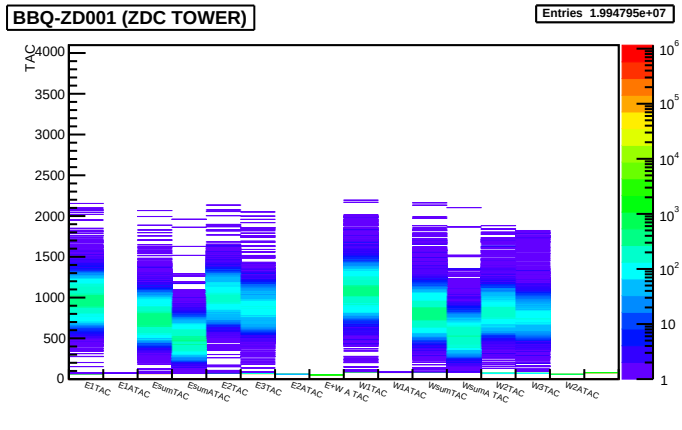

BBQ-VP002 (LO threshold)
Entries 1.994795e+07
ADC
QT Input Channel

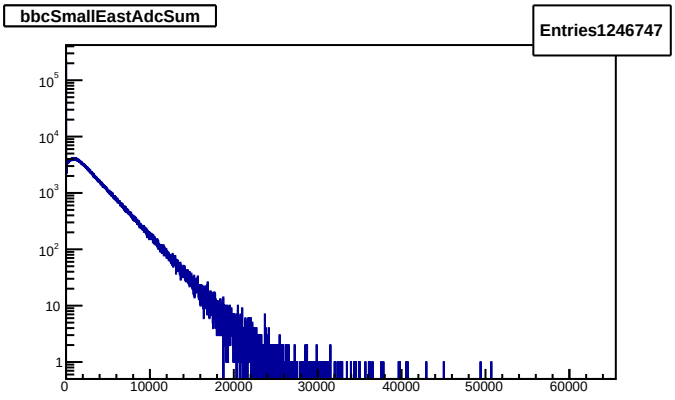

BBQ-VP002 (LO threshold)
Entries 1.994795e+07
TAC
QT Input Channel

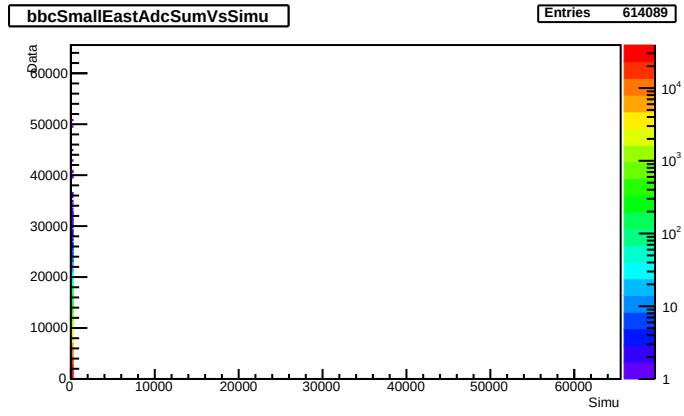

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.994795e+07
ADC
QT Input Channel

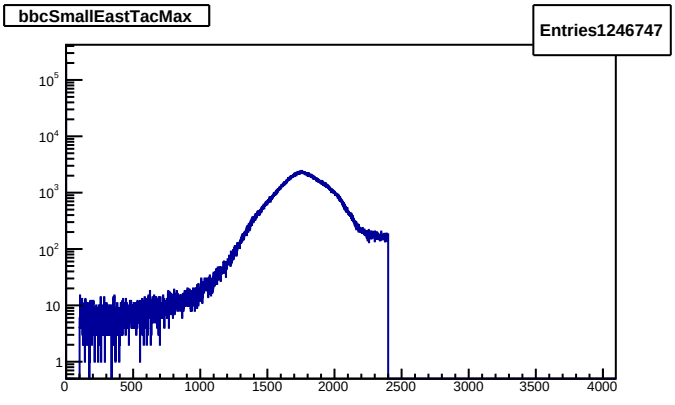

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.994795e+07
TAC
QT Input Channel

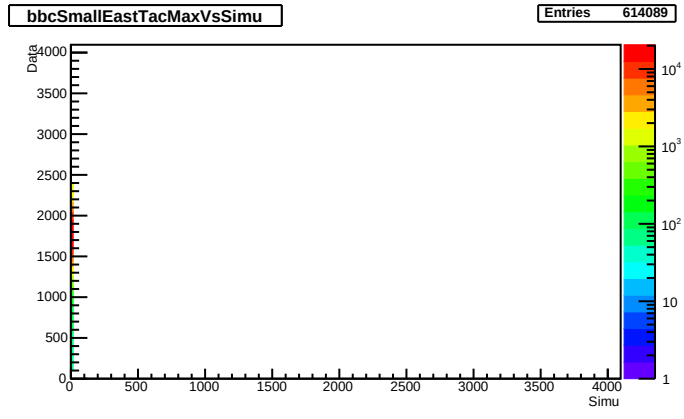

BBQ-ZD001 (ZDC TOWER)
Entries 1.994795e+07
ADC

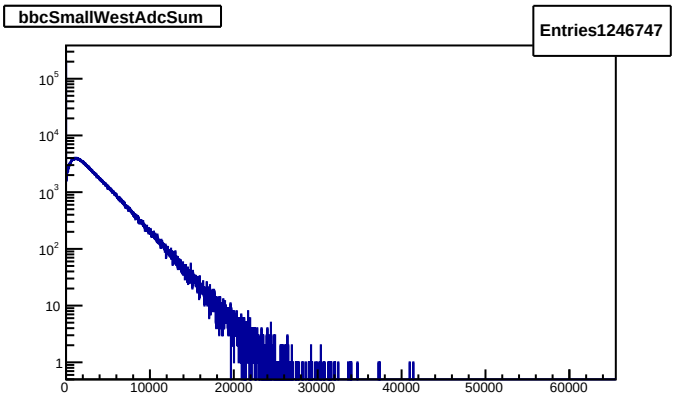

BBQ-ZD001 (ZDC TOWER)
Entries 1.994795e+07
TAC

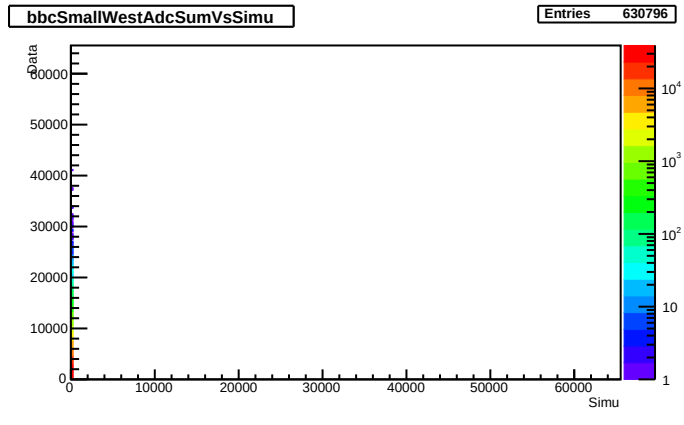

bbcSmallEastAdcSum
Entries1246747

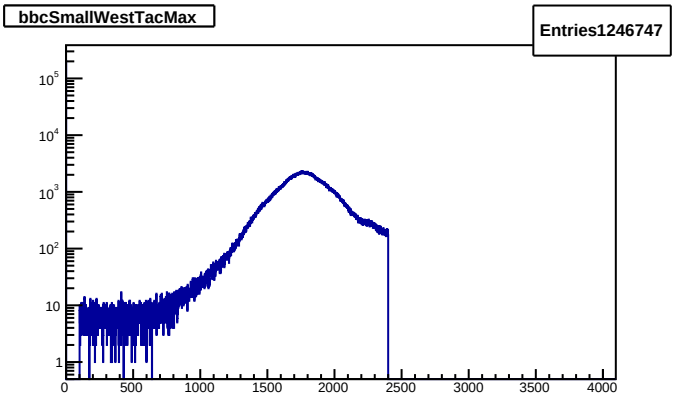

bbcSmallEastAdcSumVsSimu
Entries 614089
Data
Simu

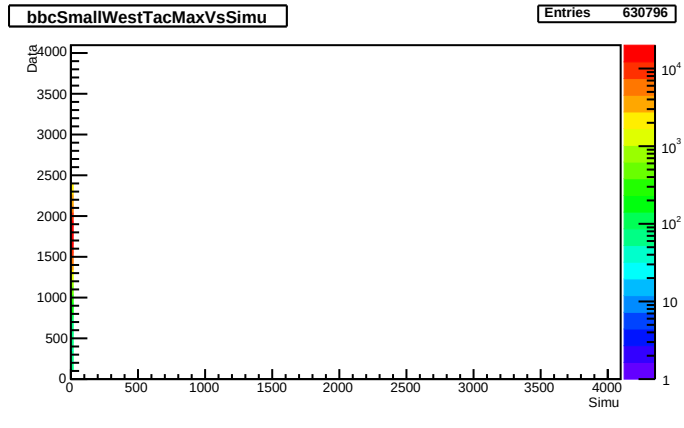

bbcSmallEastTacMax
Entries1246747

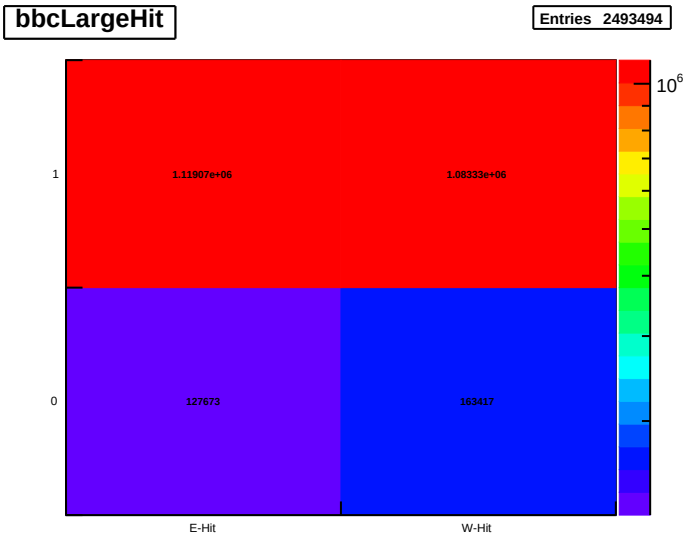

bbcSmallEastTacMaxVsSimu
Entries 614089
Data
Simu

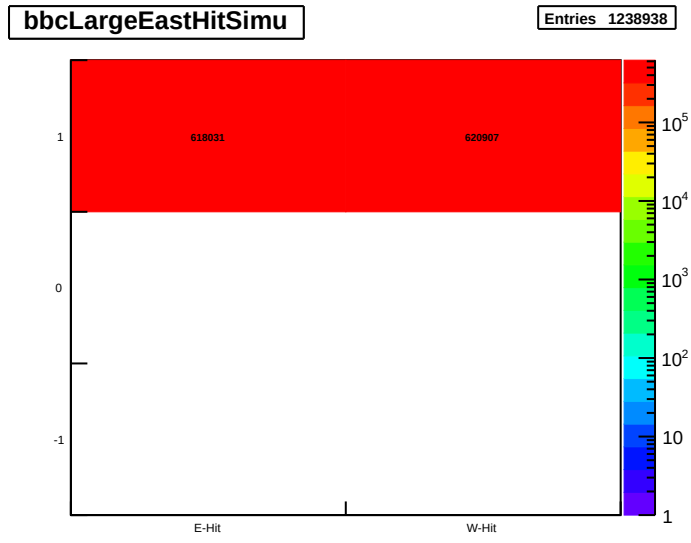

bbcSmallWestAdcSum
Entries1246747

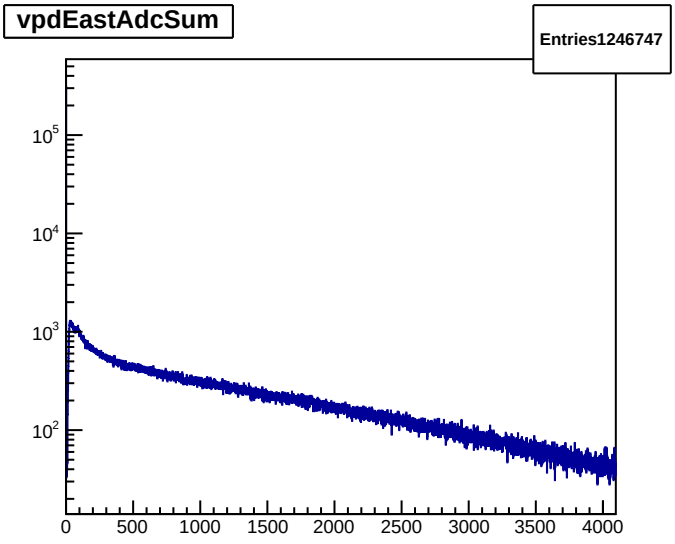

bbcSmallWestAdcSumVsSimu
Entries 630796
Data
Simu

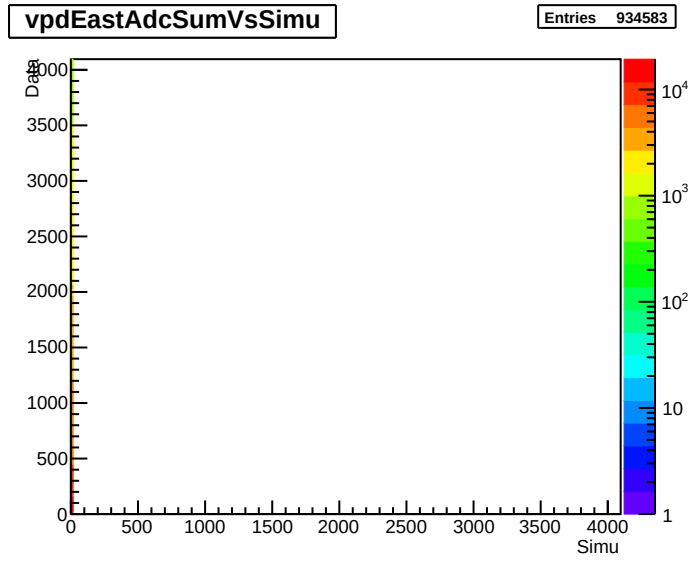

bbcSmallWestTacMax
Entries1246747

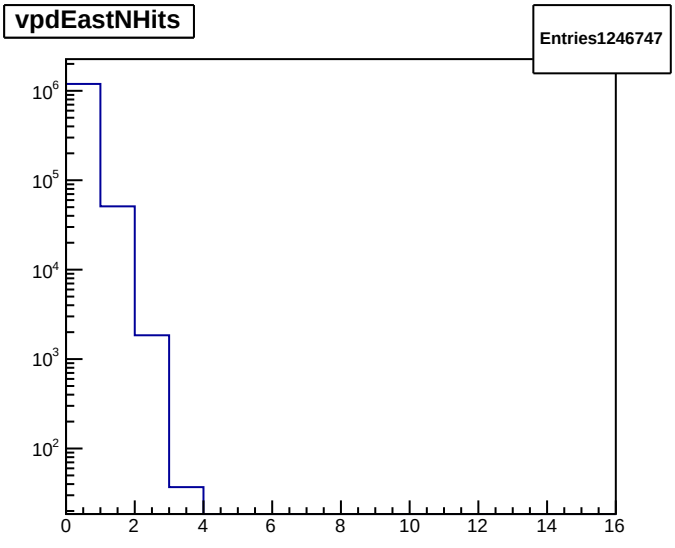

bbcSmallWestTacMaxVsSimu
Entries 630796
Data
Simu

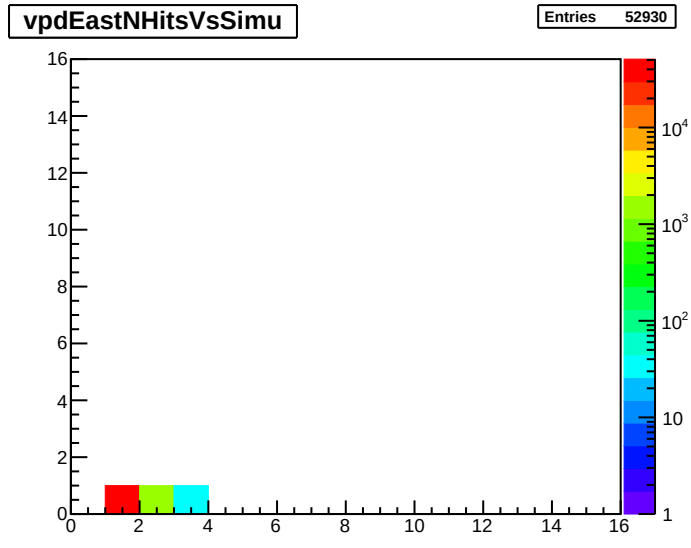

bbcLargeHit
Entries 2493494
1.11907e+06
1.08333e+06
127673
163417
1
0
E-Hit
W-Hit
10^6

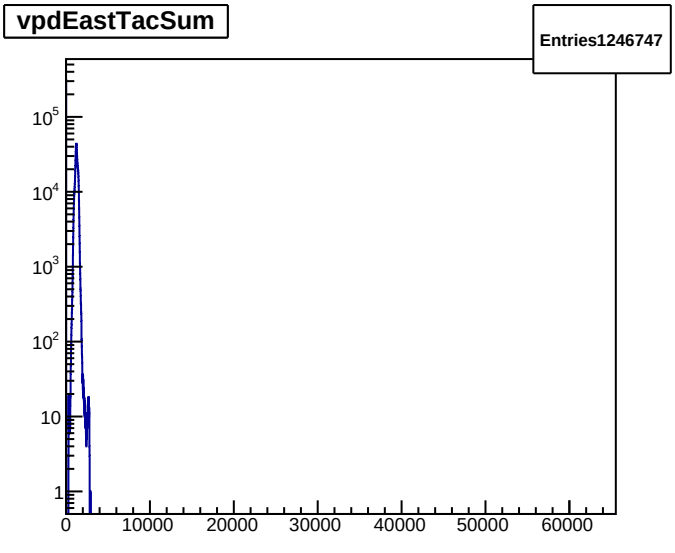

bbcLargeEastHitSimu
Entries 1238938
618031
620907
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

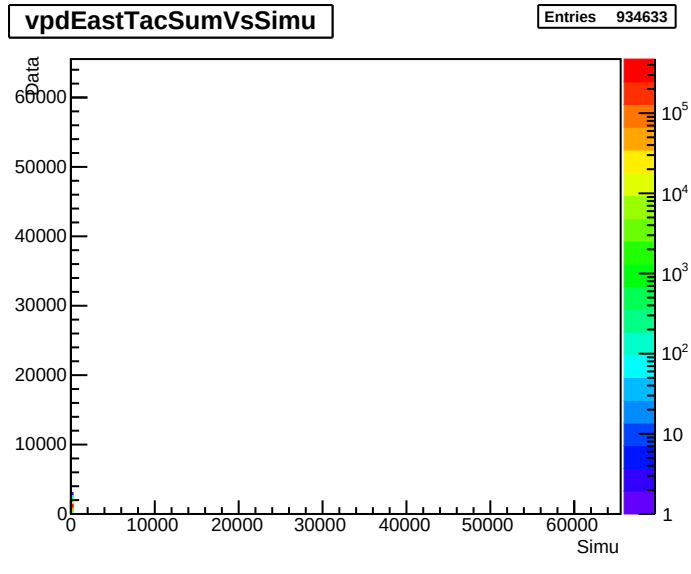

vpdEastAdcSum
Entries1246747

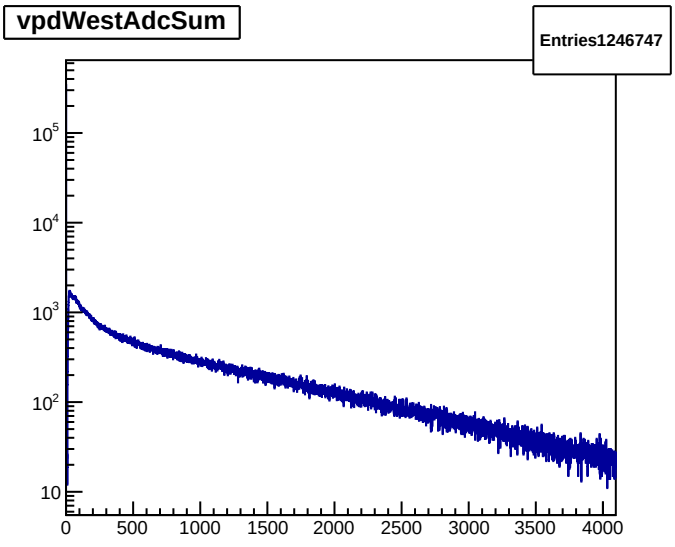

vpdEastAdcSumVsSimu
Entries 934583
Data
Simu

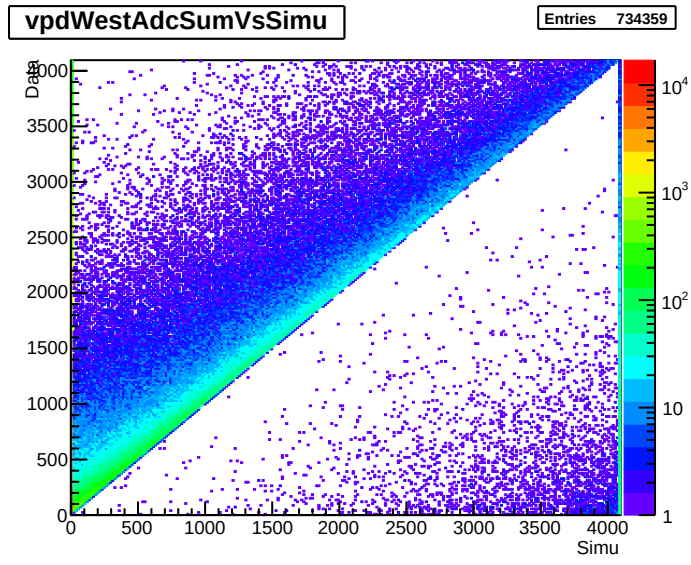

vpdEastNHits
Entries1246747

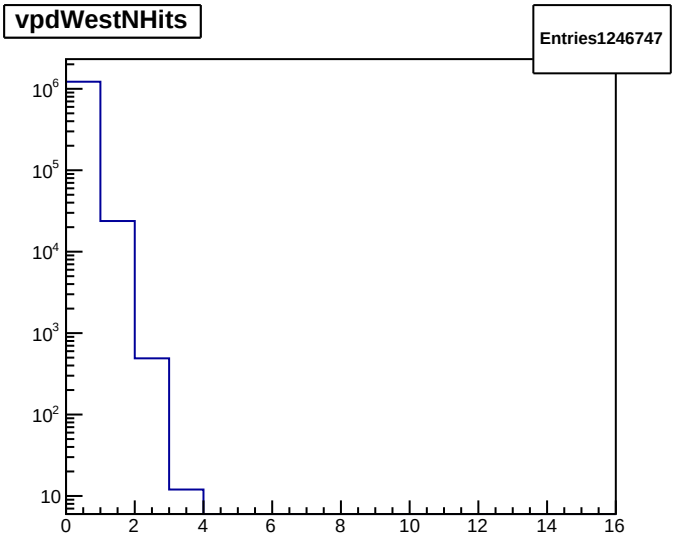

vpdEastNHitsVsSimu
Entries 52930

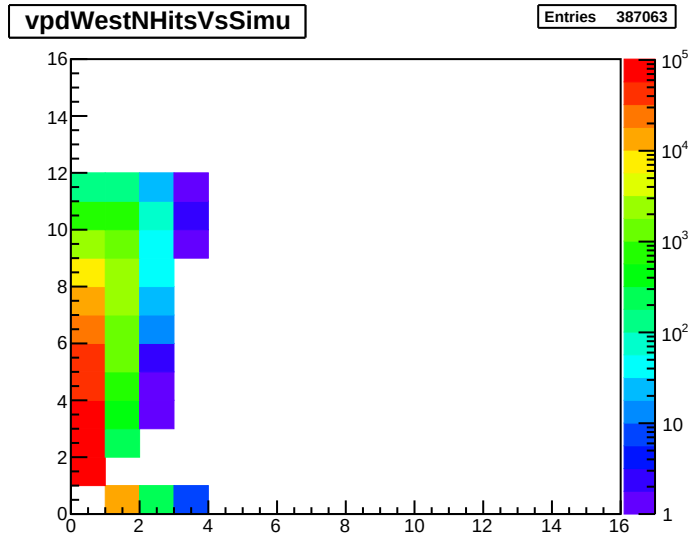

vpdEastTacSum
Entries1246747

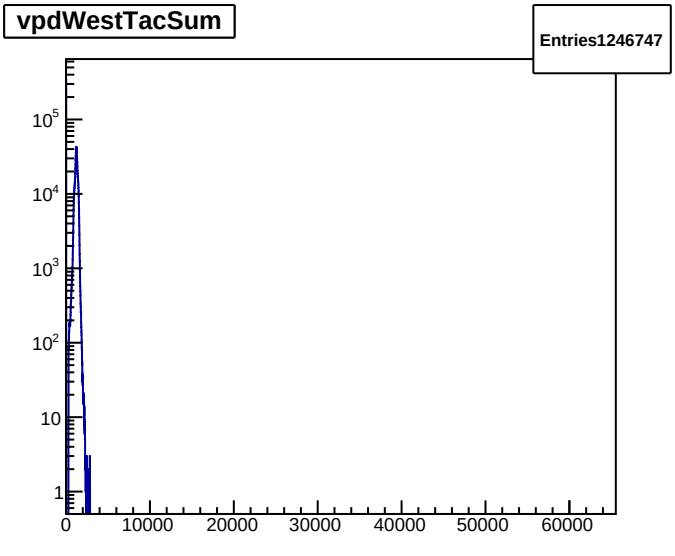

vpdEastTacSumVsSimu
Entries 934633
Data
Simu

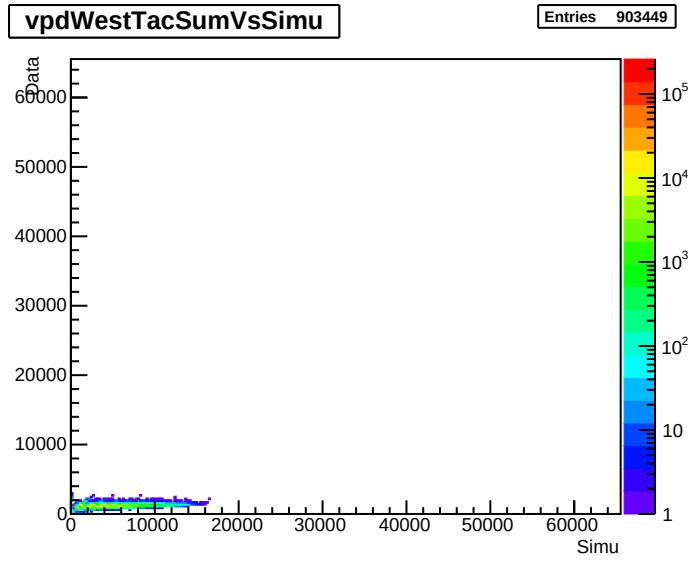

vpdWestAdcSum
Entries1246747

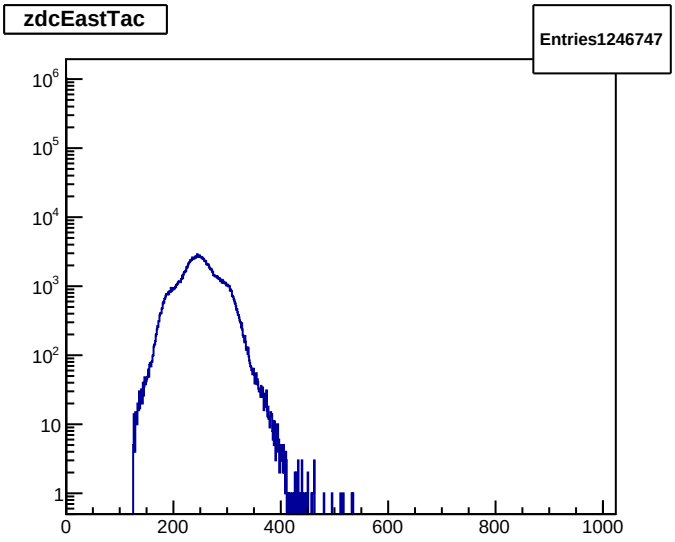

vpdWestAdcSumVsSimu
Entries 734359
Data
Simu

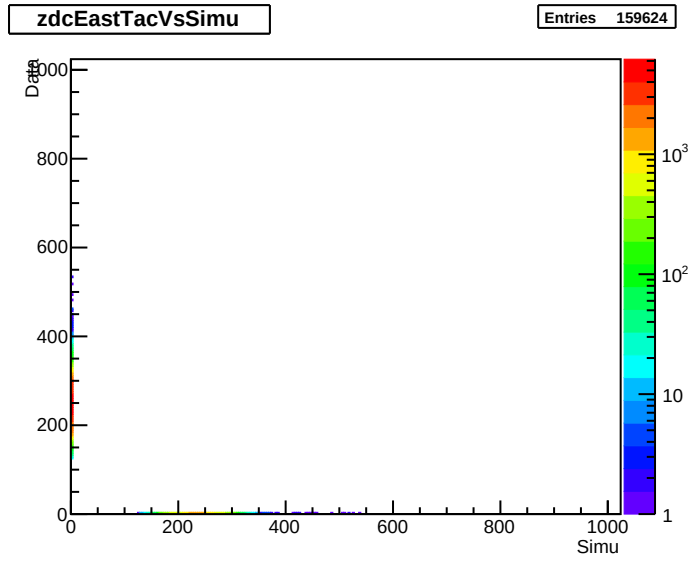

vpdWestNHits
Entries1246747

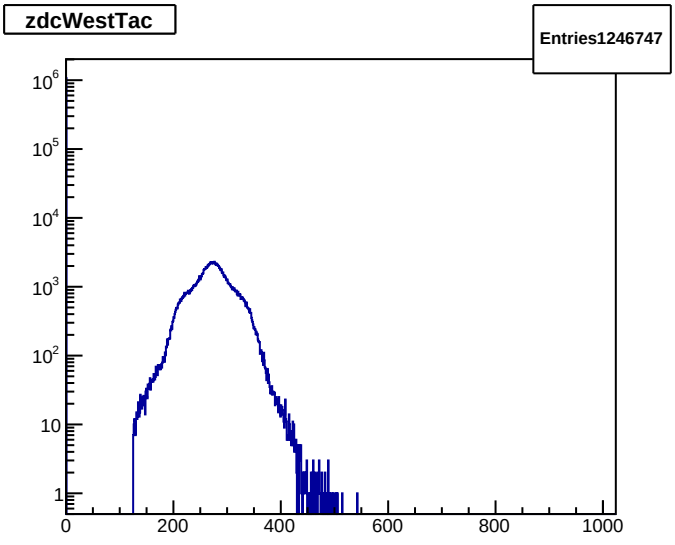

vpdWestNHitsVsSimu
Entries 387063

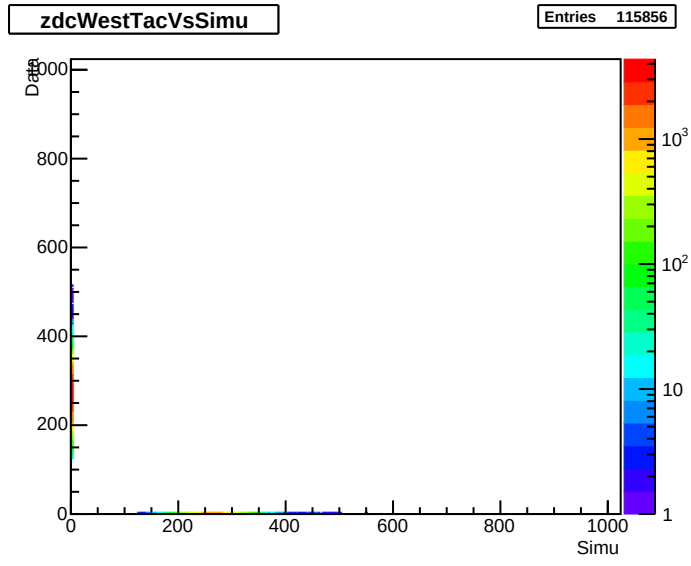

vpdWestTacSum
Entries1246747

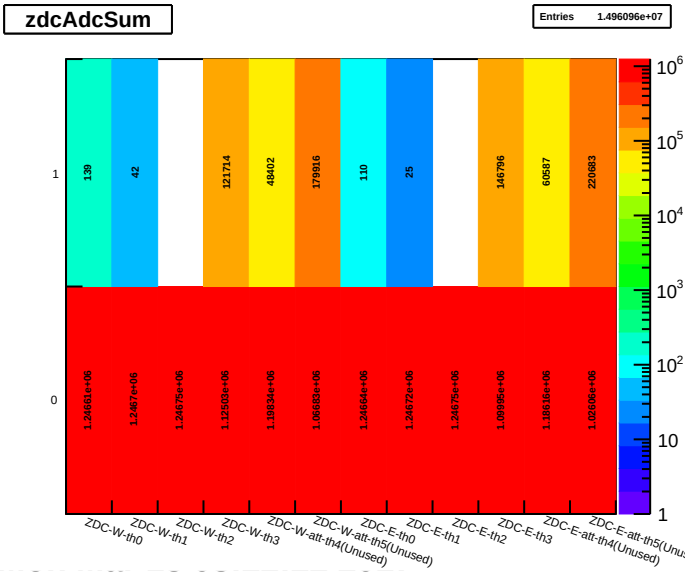

vpdWestTacSumVsSimu
Entries 903449
Data
Simu

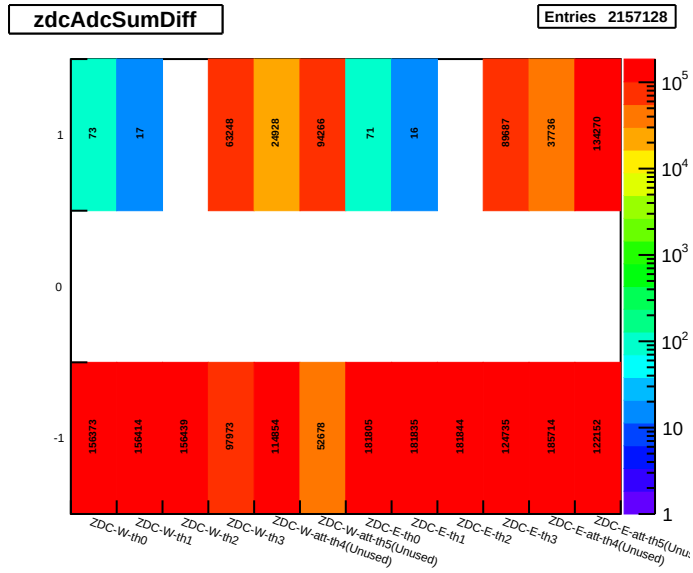

zdcEastTac
Entries1246747

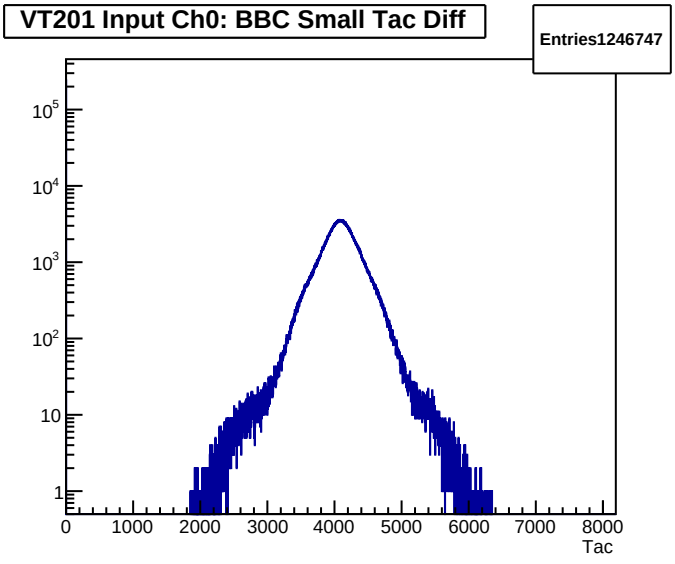

zdcEastTacVsSimu
Entries 159624
Data
Simu

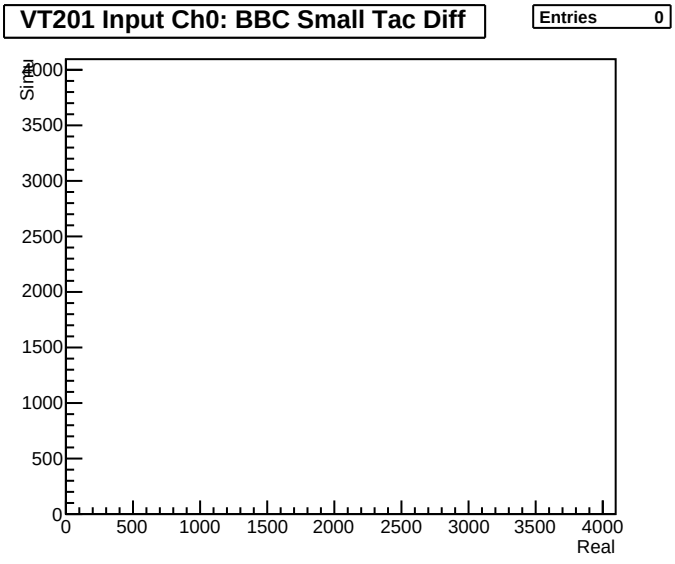

zdcWestTac
Entries1246747

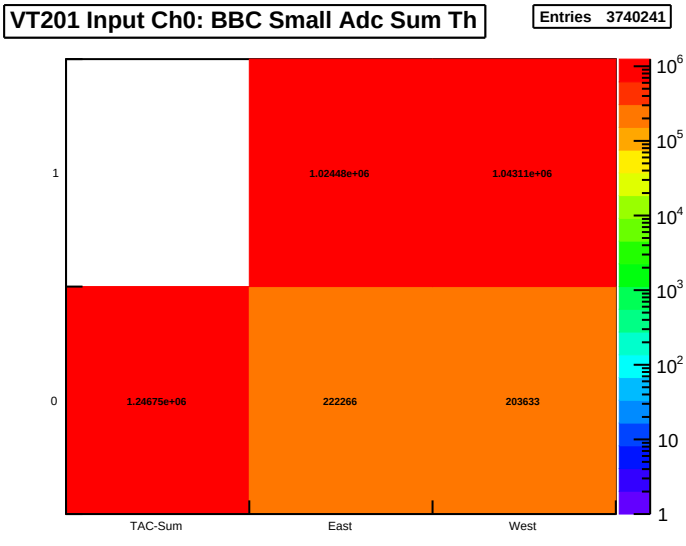

zdcWestTacVsSimu
Entries 115856
Data
Simu

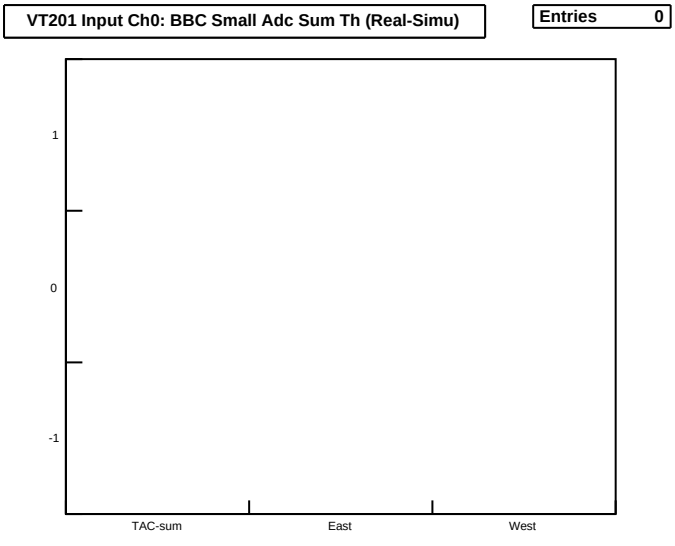

zdcAdcSum
Entries 1.496096e+07
139
42
121714
48402
179916
110
25
146796
60587
220683
1.24661e+06
1.24670e+06
1.24675e+06
1.12503e+06
1.19834e+06
1.06653e+06
1.24664e+06
1.24672e+06
1.24675e+06
1.09995e+06
1.18616e+06
1.02606e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

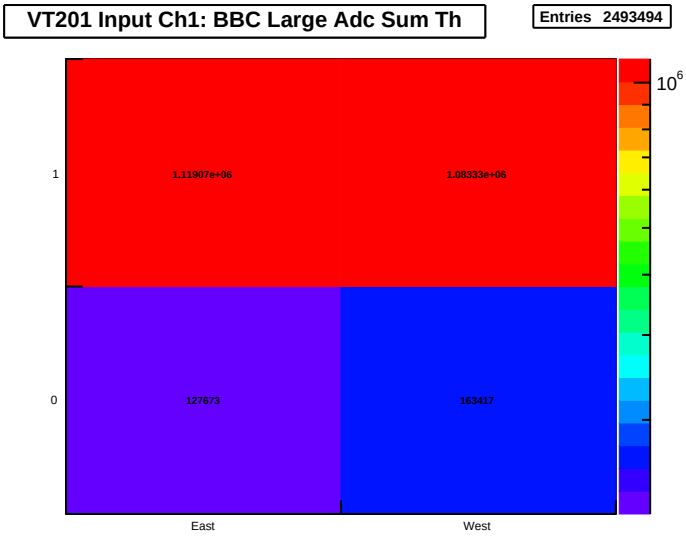

zdcAdcSumDiff
Entries 2157128
73
17
63248
24928
94266
71
16
89687
37736
134270
155373
156414
156439
97973
114854
52678
181805
181835
181844
124735
185714
122152
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

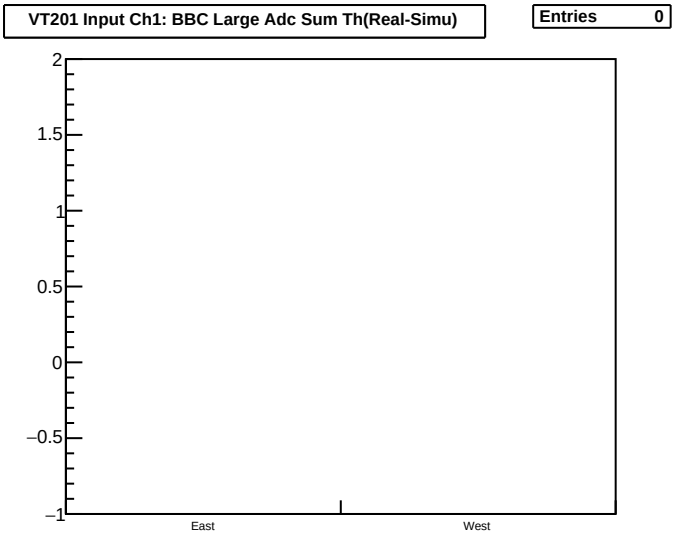

VT201 Input Ch0: BBC Small Tac Diff
Entries1246747
Tac


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

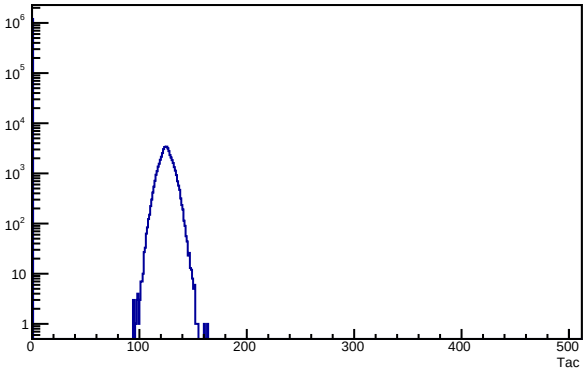

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3740241
1.02448e+06
1.04311e+06
1.24675e+06
222266
203633
TAC-Sum
East
West


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

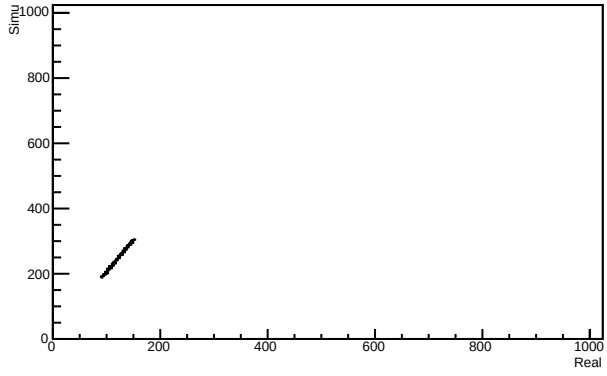

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2493494
1.11907e+06
1.08333e+06
127673
163417
East
West


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

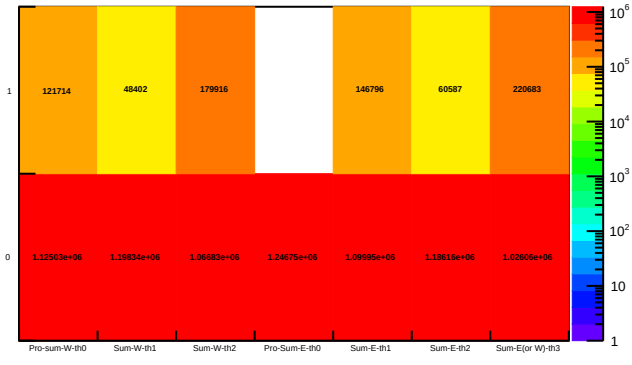
VT201 Input Ch2: ZDC Tac Diff



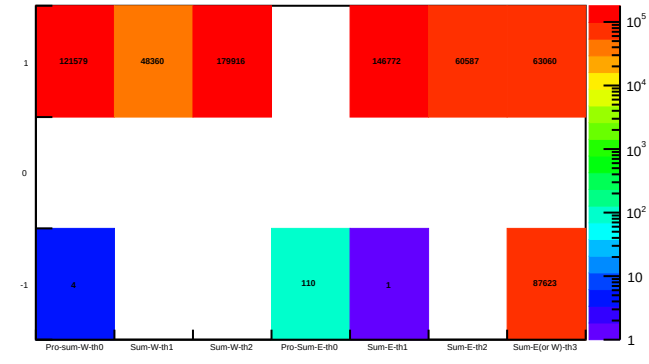
VT201 Input Ch2: ZDC Tac Diff



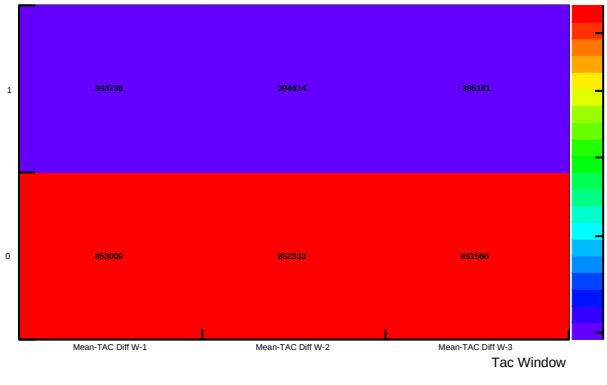
VT201 Input Ch2: ZDC Adc Sum Th



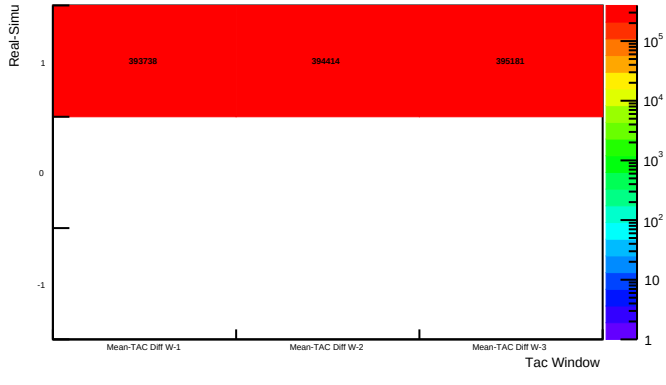
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



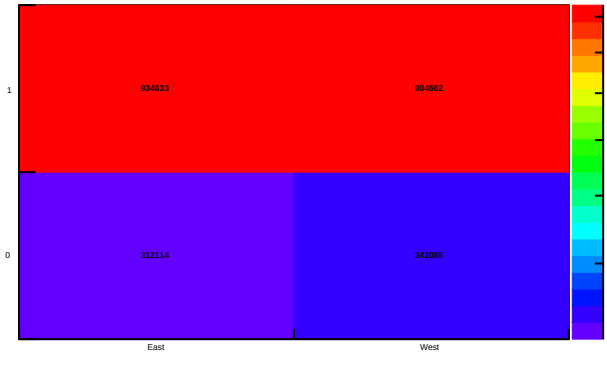
VT201 Input Ch4: VPD Tac Diff



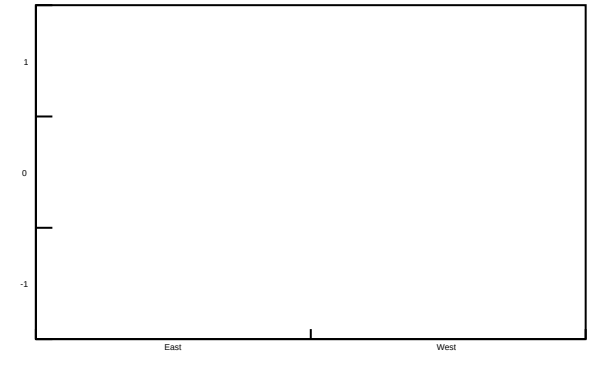
VT201 Input Ch4: VPD Tac Diff

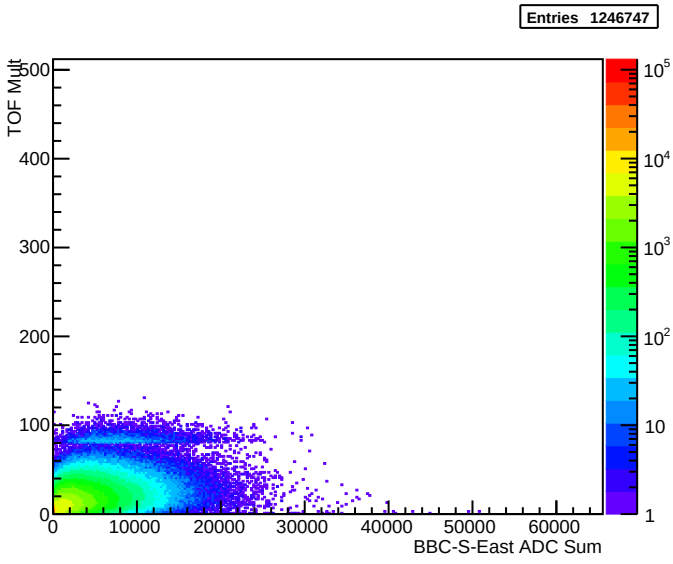


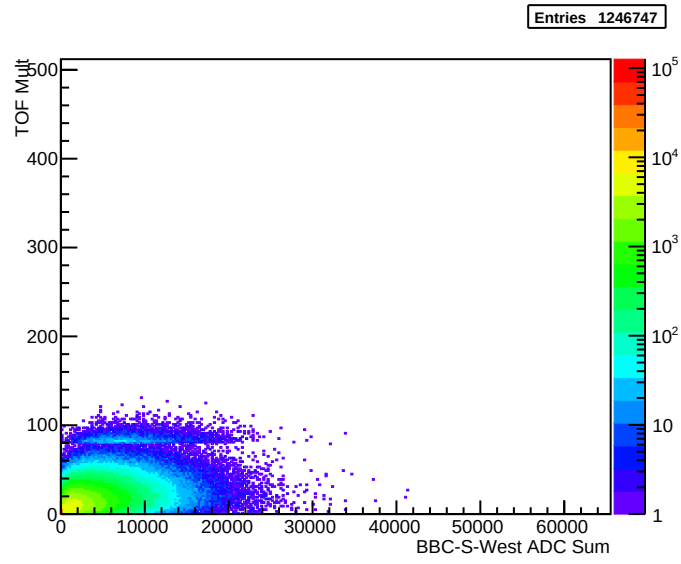
VT201 Input Ch4: VPD Adc Sum Th

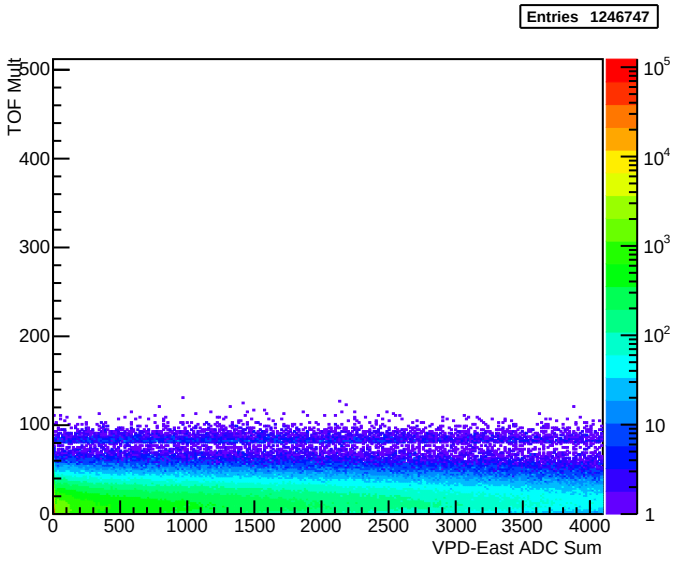


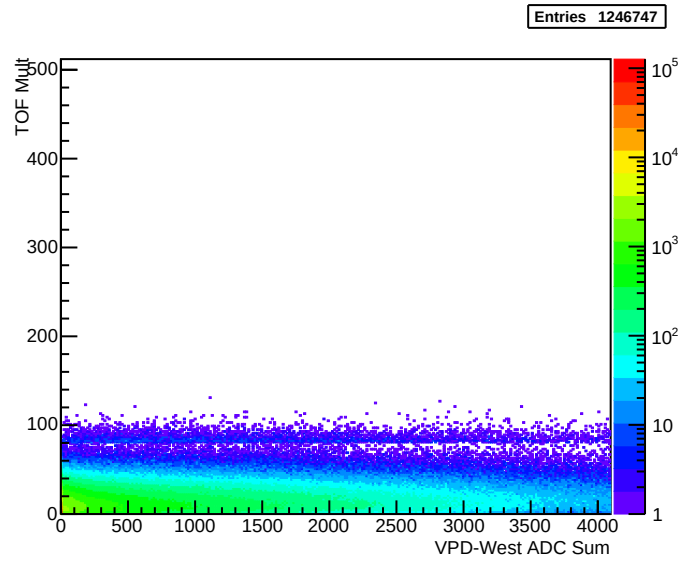
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

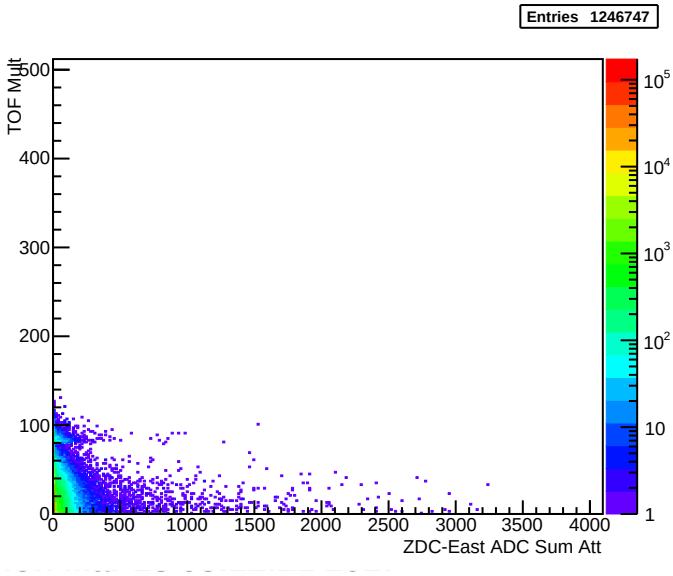


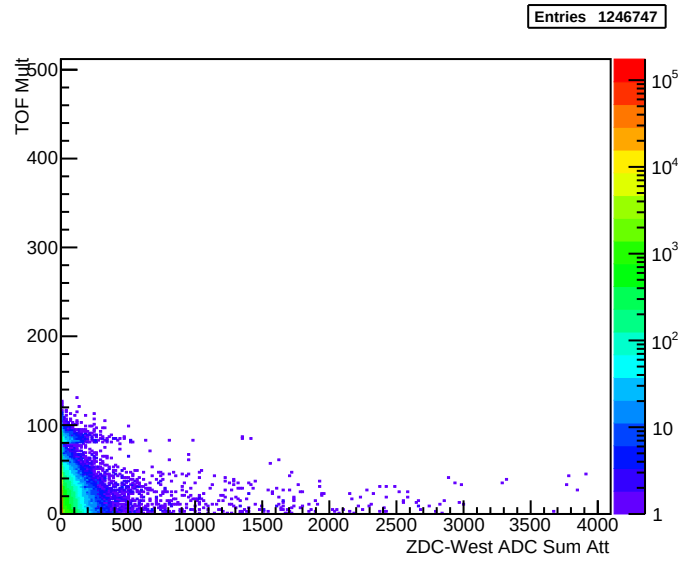

Entries 1246747
TOF Mult
BBC-S-East ADC Sum

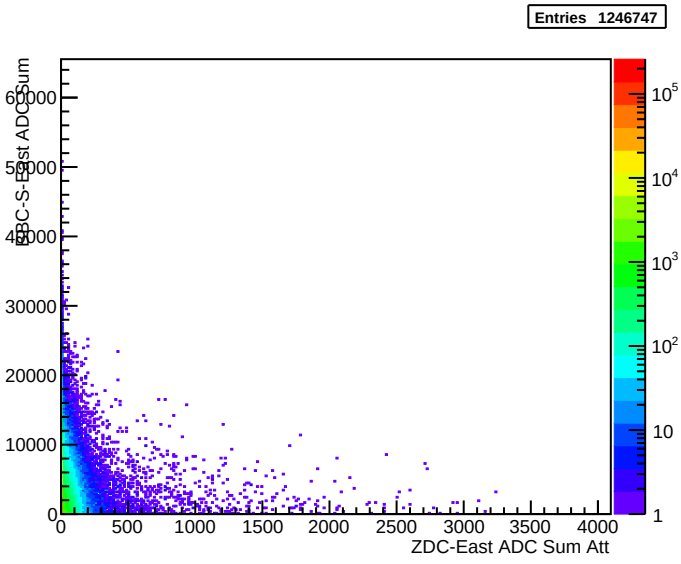

Entries 1246747
TOF Mult
BBC-S-West ADC Sum

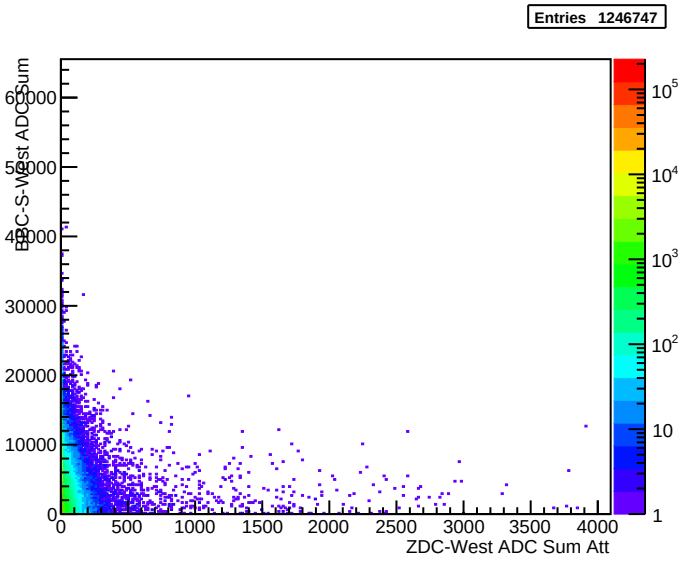

Entries 1246747
TOF Mult
VPD-East ADC Sum

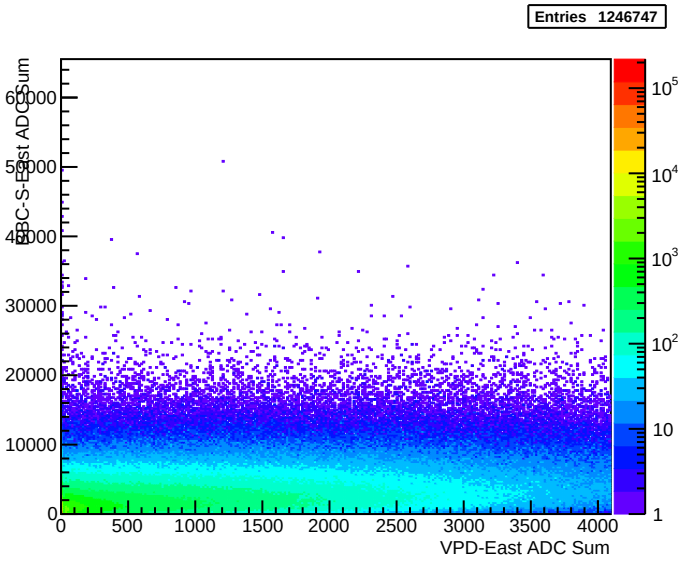

Entries 1246747
TOF Mult
VPD-West ADC Sum

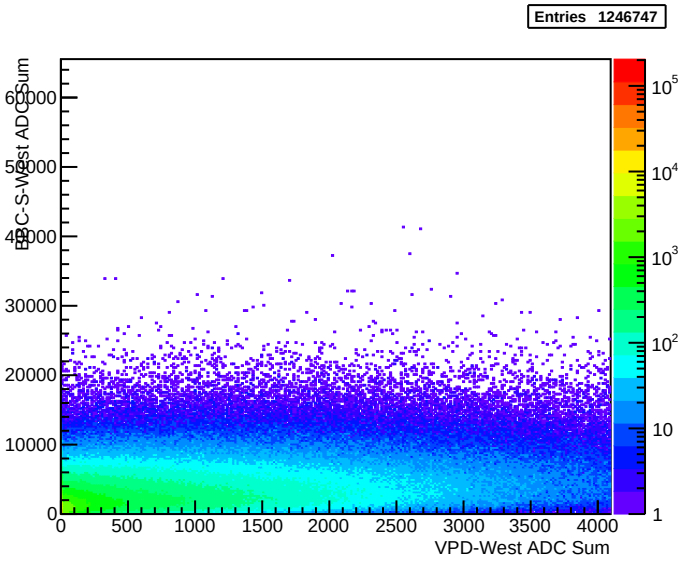

Entries 1246747
TOF Mult
ZDC-East ADC Sum Att

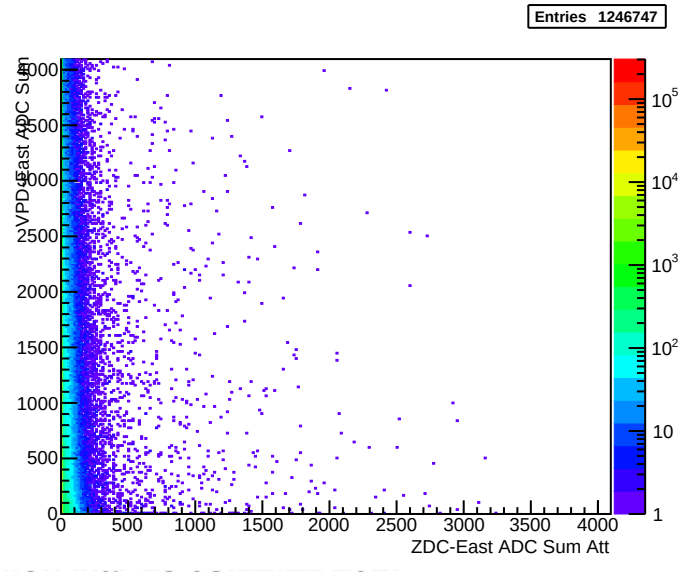

Entries 1246747
TOF Mult
ZDC-West ADC Sum Att

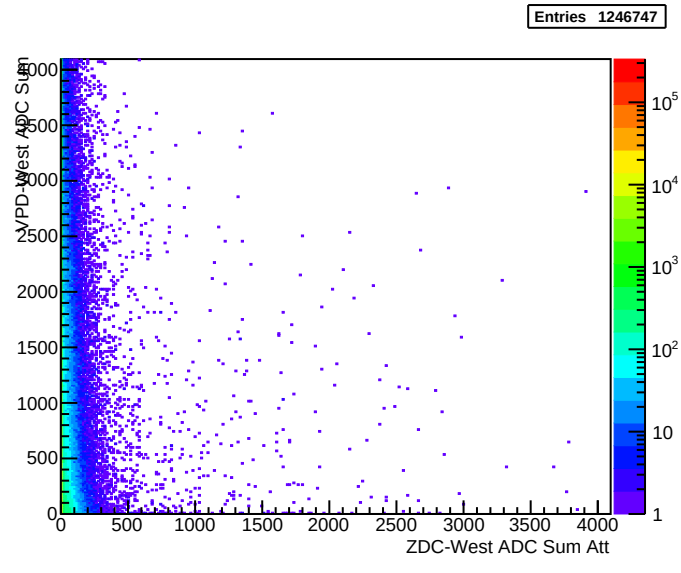

Entries 1246747
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

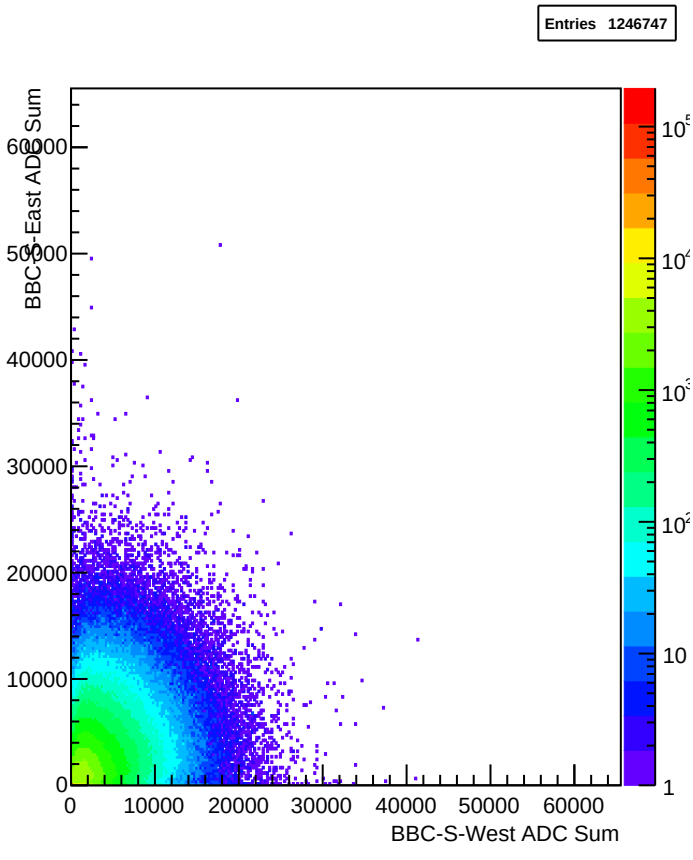

Entries 1246747
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

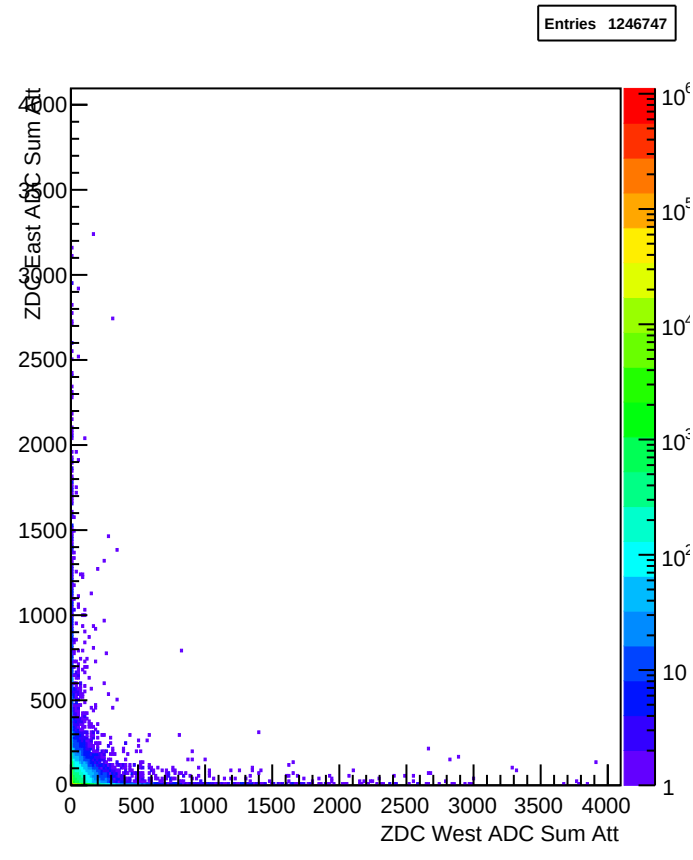

Entries 1246747
BBC-S-East ADC Sum
VPD-East ADC Sum

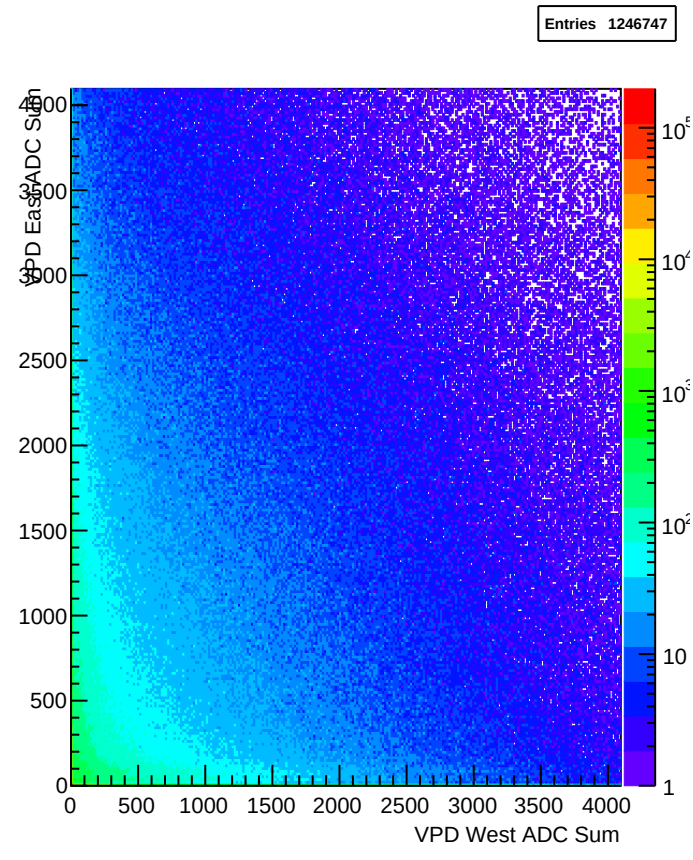

Entries 1246747
BBC-S-West ADC Sum
VPD-West ADC Sum

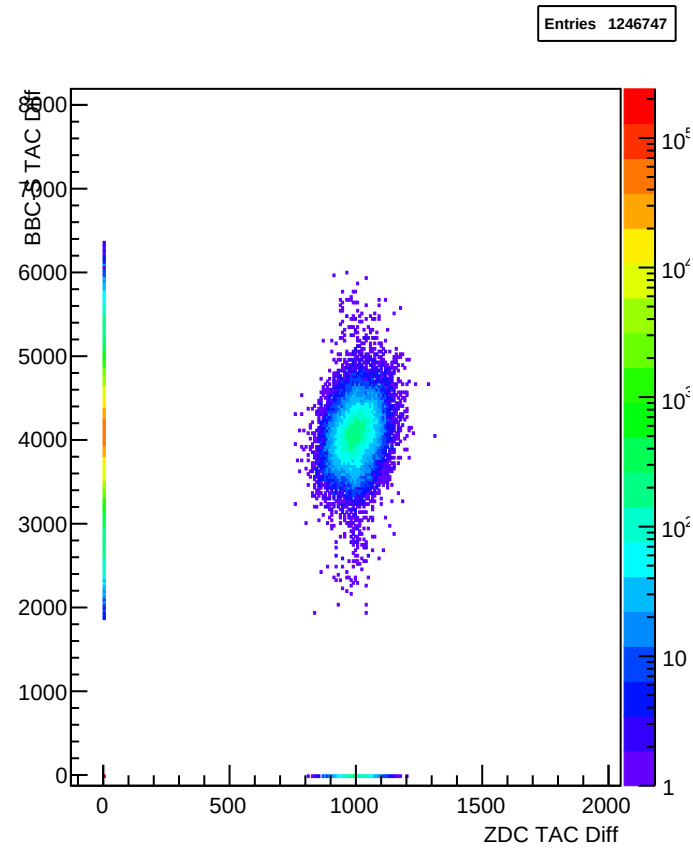

Entries 1246747
VPD-East ADC Sum
ZDC-East ADC Sum Att

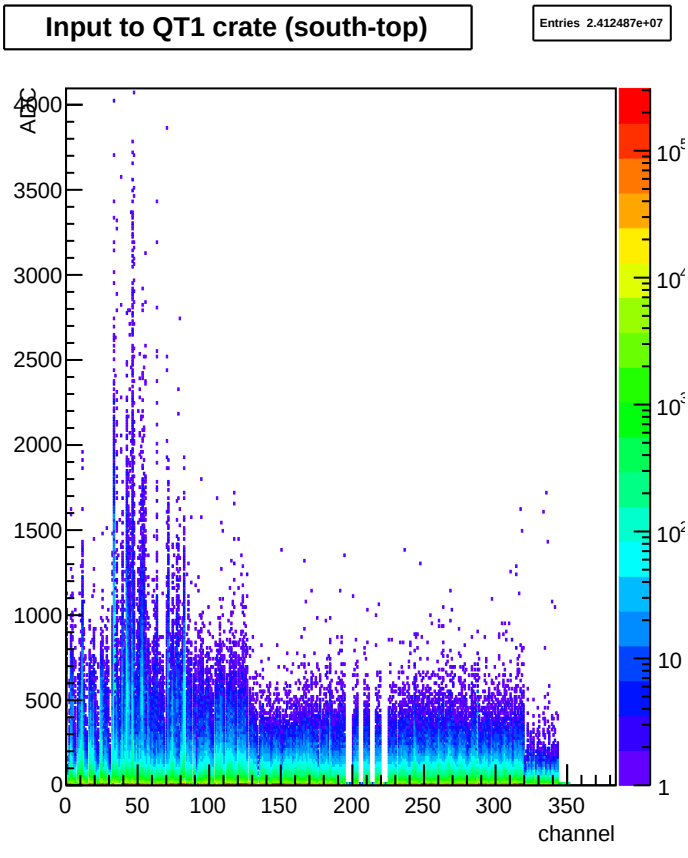

Entries 1246747
VPD-West ADC Sum
ZDC-West ADC Sum Att

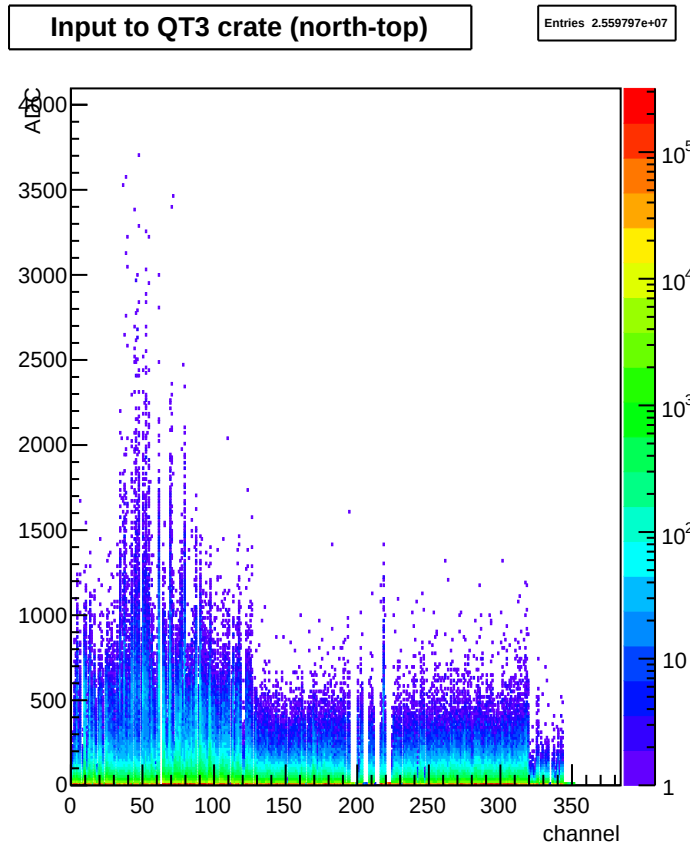

Entries 1246747
BBC-S-East ADC Sum
BBC-S-West ADC Sum

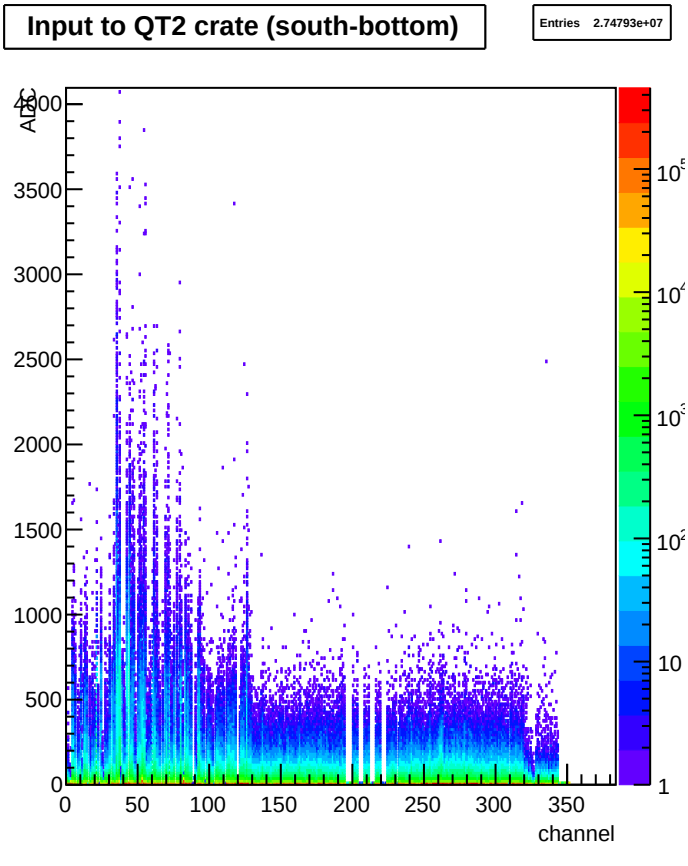

Entries 1246747
ZDC East ADC Sum Att
ZDC West ADC Sum Att

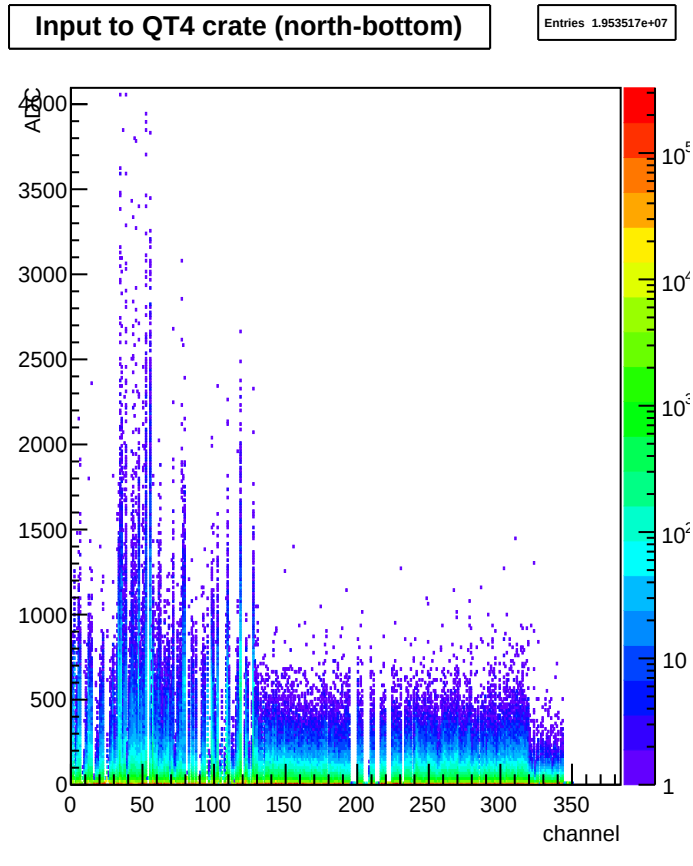

Entries 1246747
VPD East ADC Sum
VPD West ADC Sum

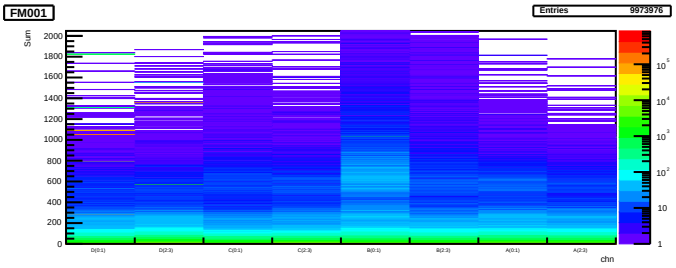

Entries 1246747
BBC-S TAC Diff
ZDC TAC Diff

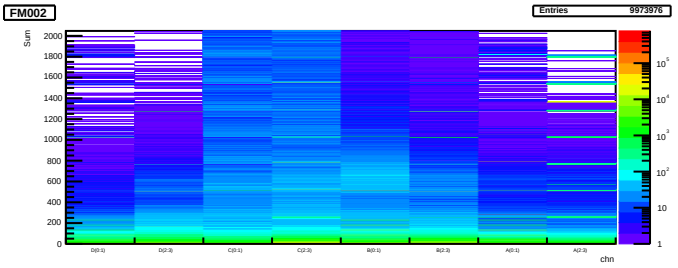

Input to QT1 crate (south-top)
Entries 2.412487e+07
ADC
channel

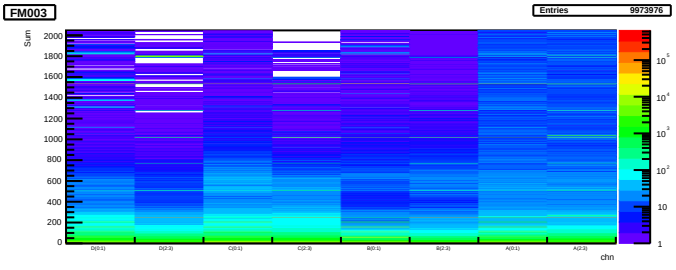

Input to QT3 crate (north-top)
Entries 2.559797e+07
ADC
channel

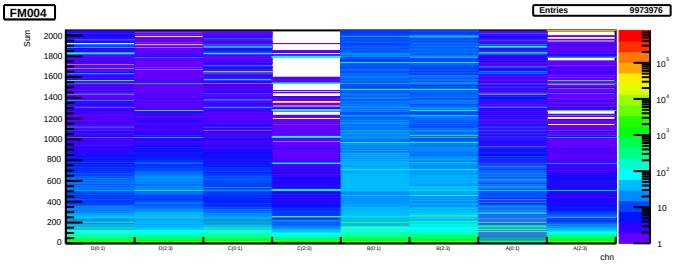

Input to QT2 crate (south-bottom)
Entries 2.74793e+07
ADC
channel

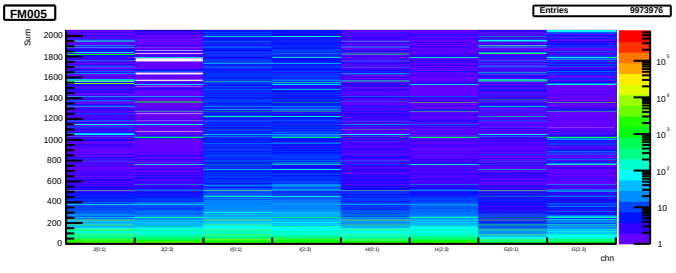

Input to QT4 crate (north-bottom)
Entries 1.953517e+07
ADC
channel

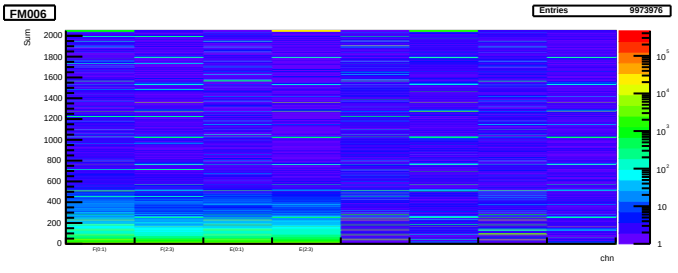

FM001
Entries 9973976
Sum
chn

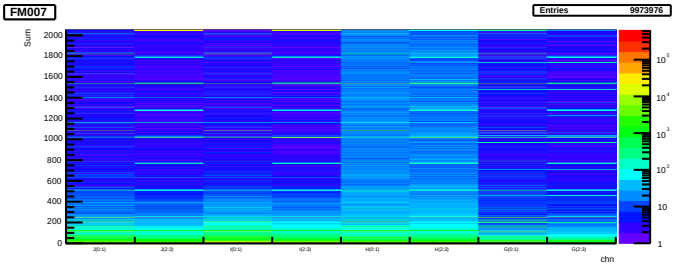

FM002
Entries 9973976
Sum
chn

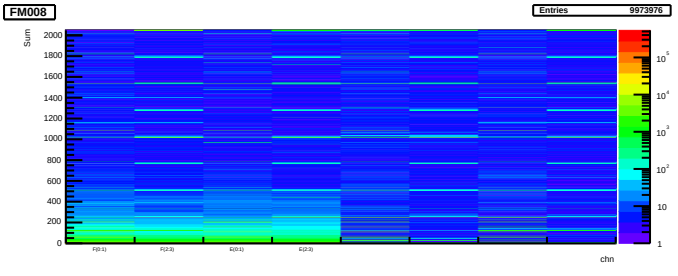

FM003
Entries 9973976
Sum
chn


FM004
Entries 9973976
Sum
chn


FM005
Entries 9973976
Sum
chn


FM006
Entries 9973976
Sum
chn


FM007
Entries 9973976
Sum
chn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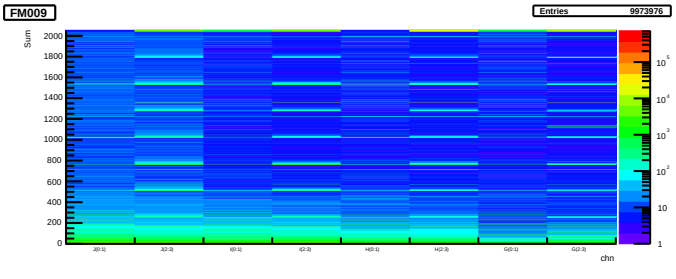
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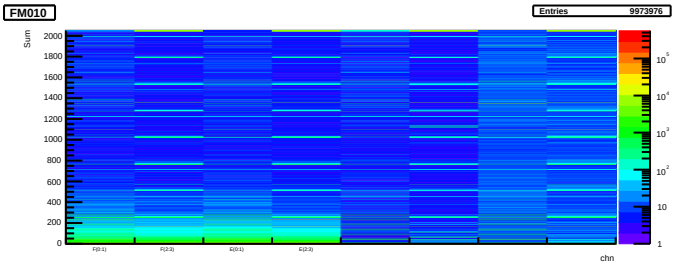
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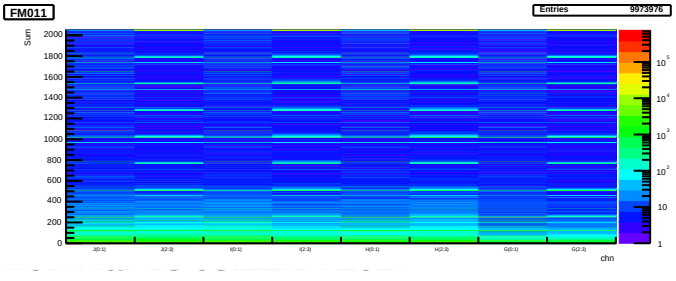
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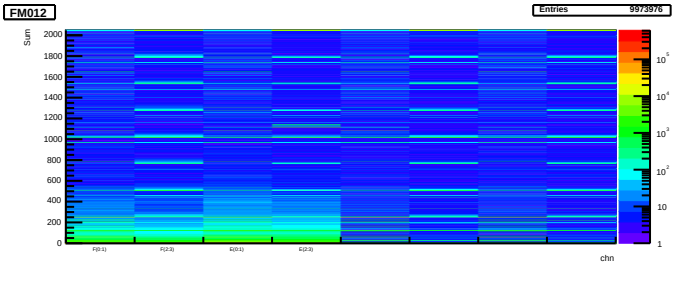
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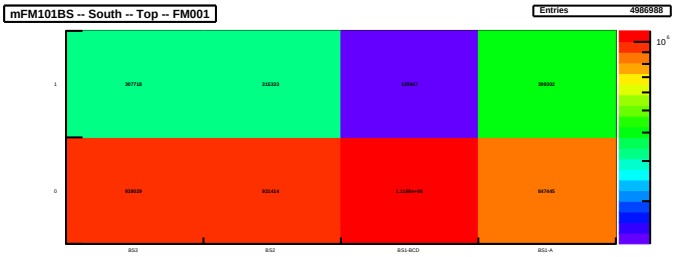
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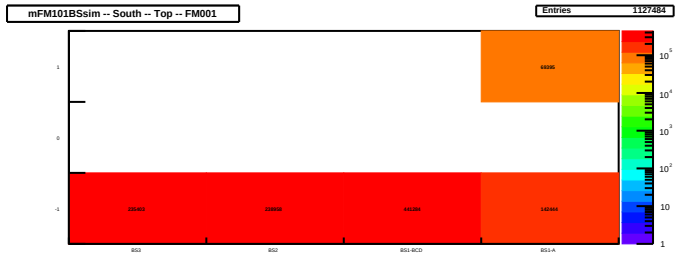
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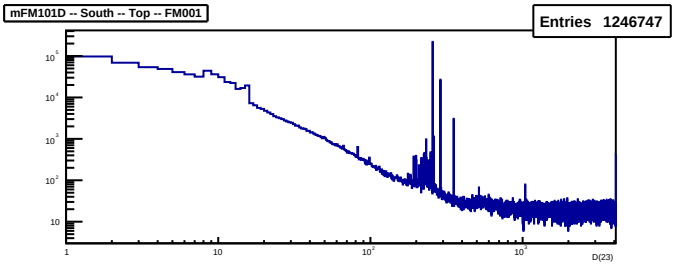
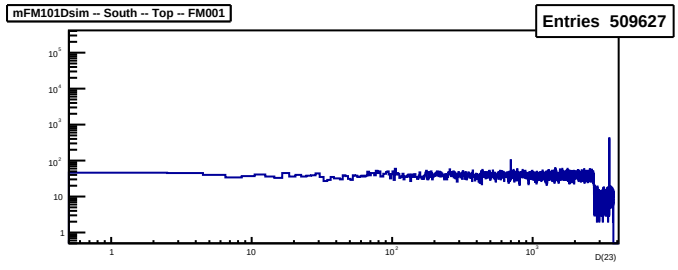

mFM101D -- South -- Top -- FM001
Entries 1246747
D(23)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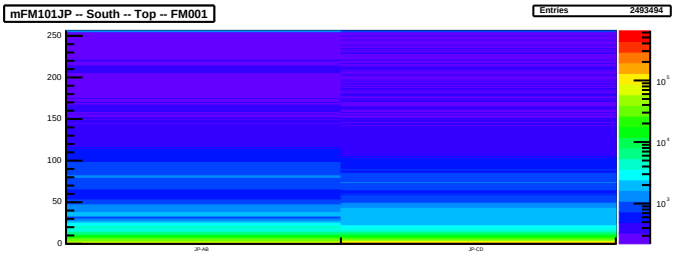
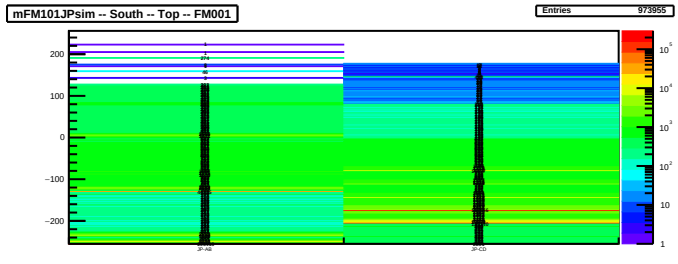

mFM101JP -- South -- Top -- FM001
Entries 2493494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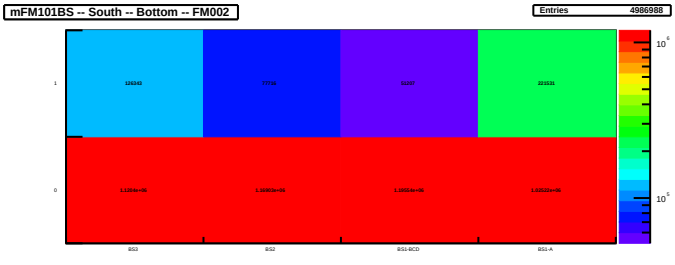
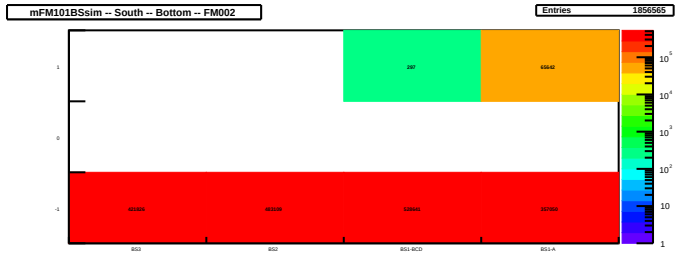

mFM101BS -- South -- Bottom -- FM002
Entries 4986988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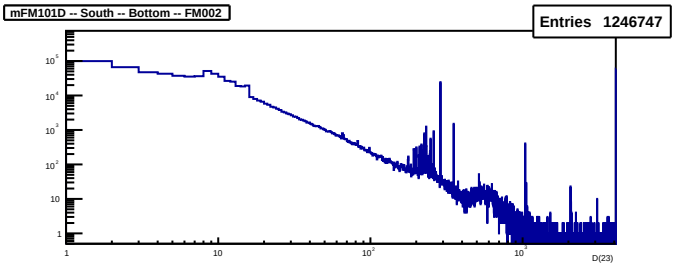
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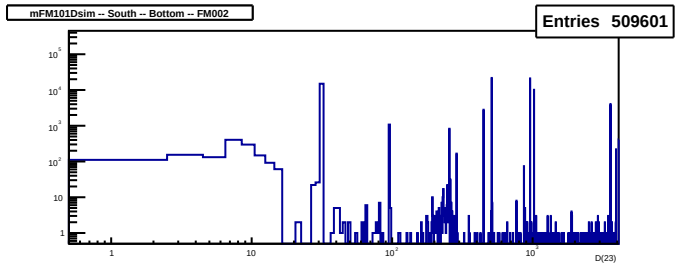
Entries 1246747
D(23)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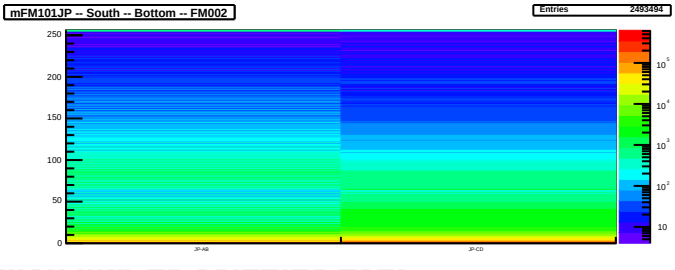
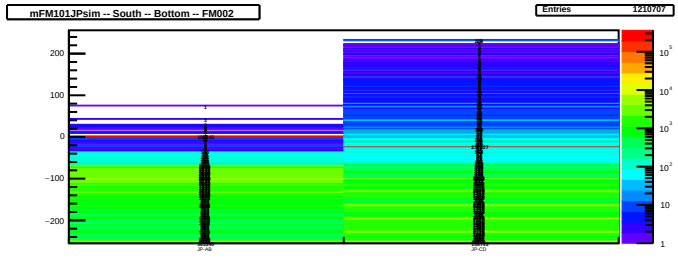
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 2493494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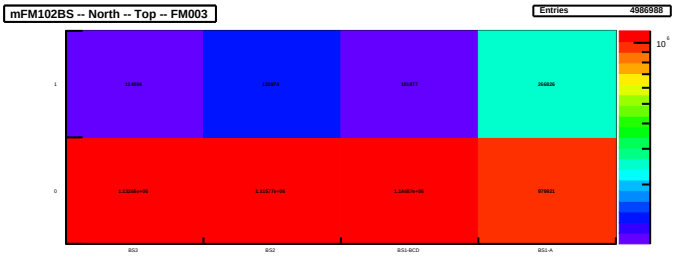
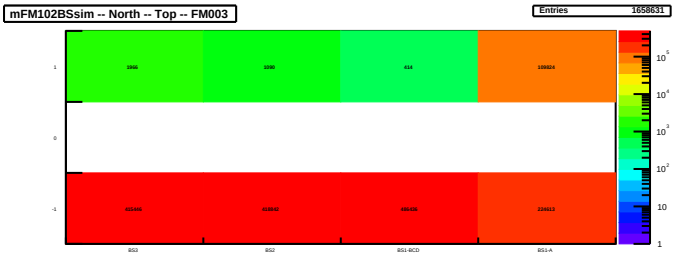

mFM102BS -- North -- Top -- FM003
Entries 4986988
BS3
BS2
BS1-BCD
BS1-A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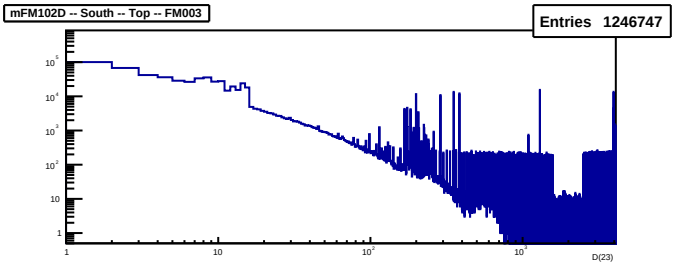
BS1-A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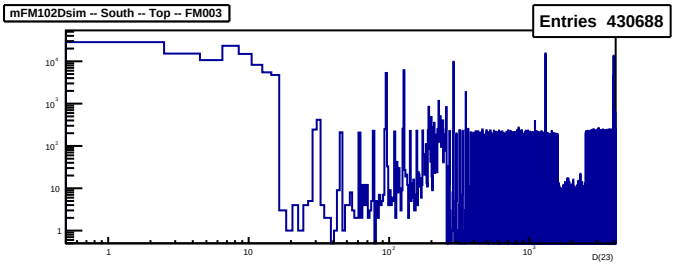
Entries 1246747
D(23)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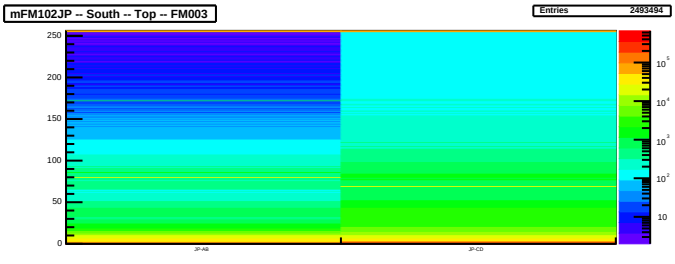
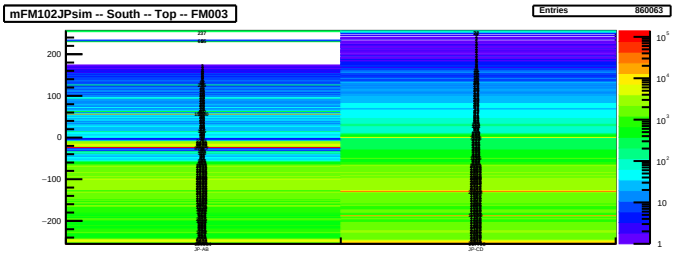

mFM102JP -- South -- Top -- FM003
Entries 2493494
JP-AB
JP-CD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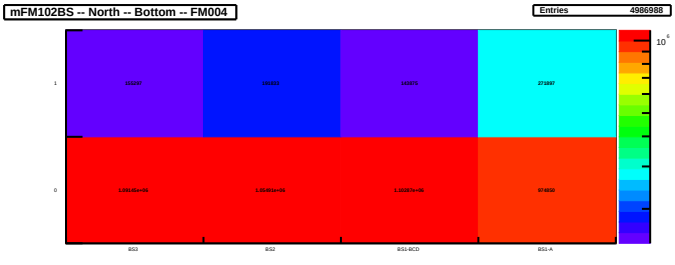
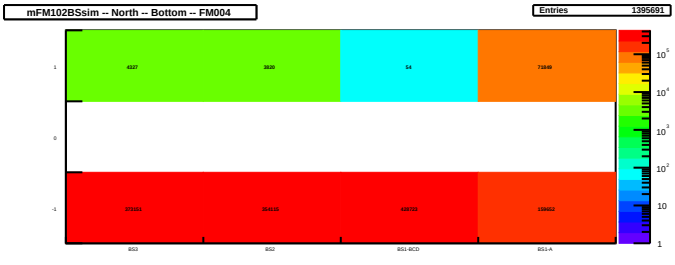
Entries 860063
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 4986988
BS3
BS2
BS1-BCD
BS1-A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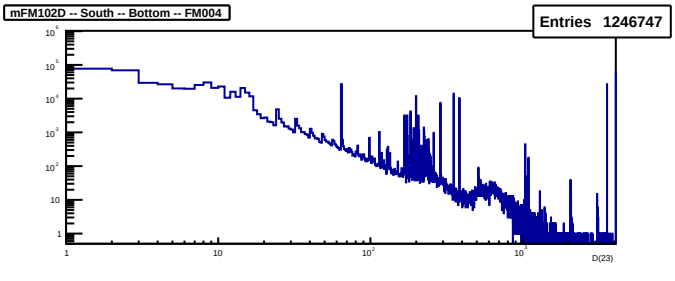
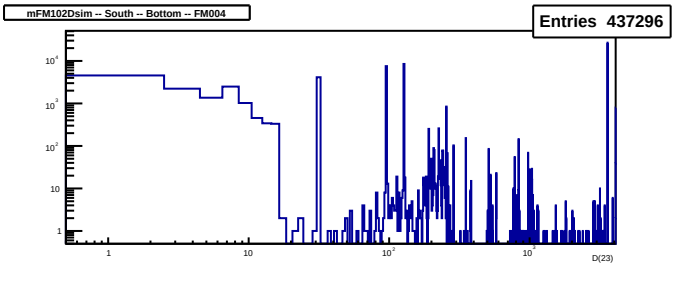
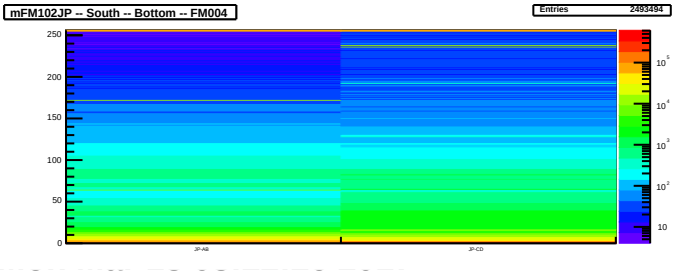
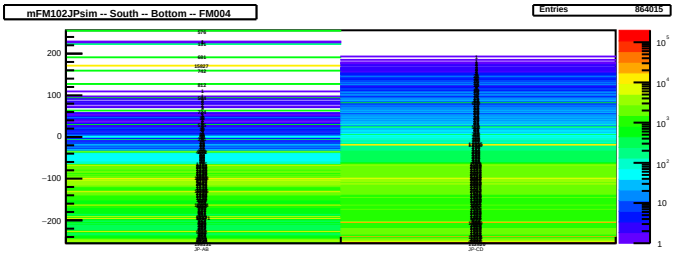
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 1246747
D(23)


mFM102Dsim -- South -- Bottom -- FM004
Entries 437296
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 2493494
JP-AB
JP-CD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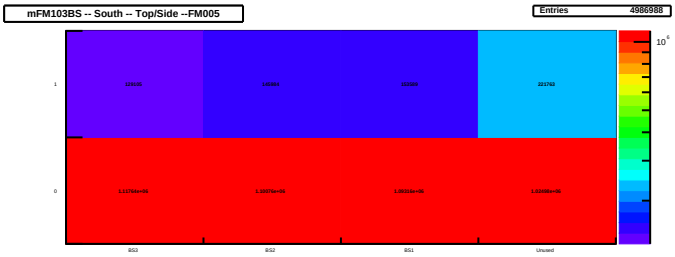
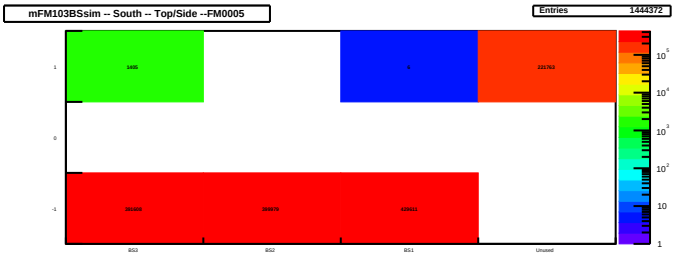
Entries 864015
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 4986988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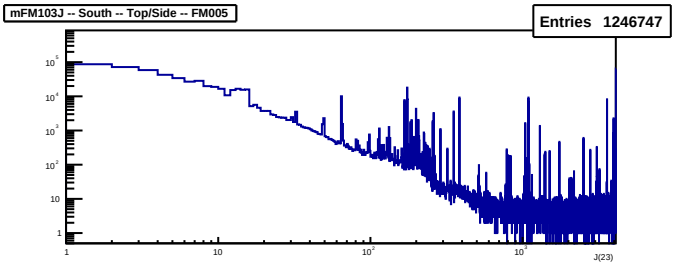
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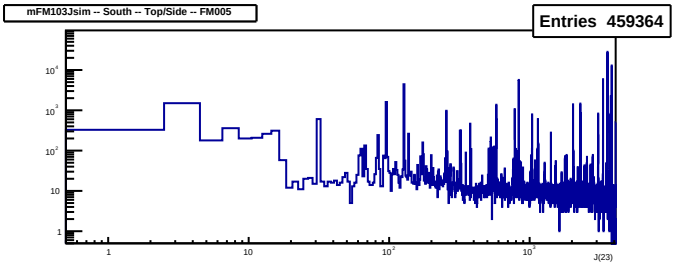
Entries 1246747
J(23)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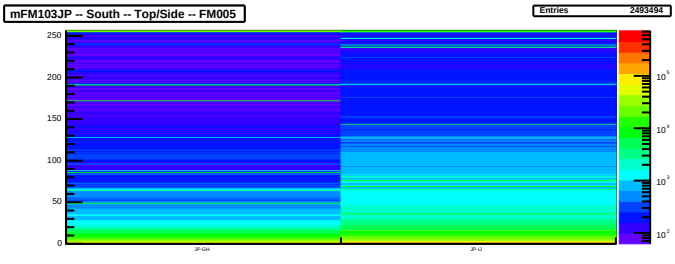
Entries 459364
J(23)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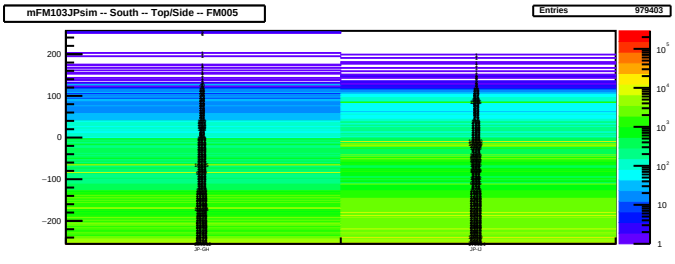
Entries 2493494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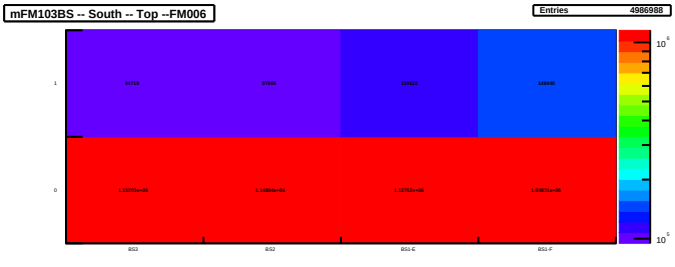
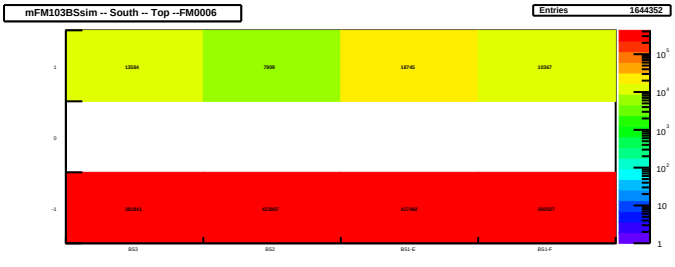

mFM103BS -- South -- Top --FM006
Entries 4986988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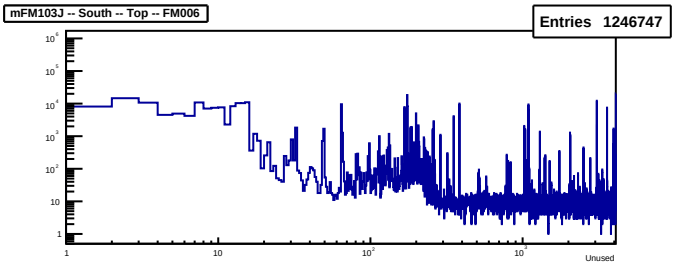
mFM103J -- South -- Top -- FM006
Entries 1246747
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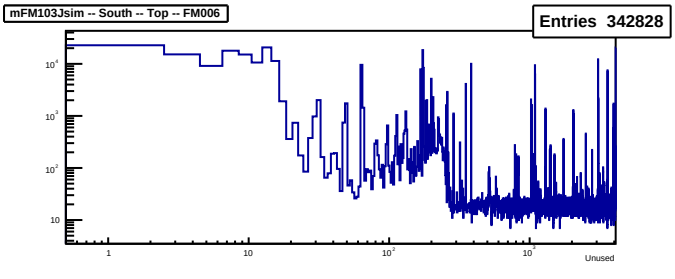
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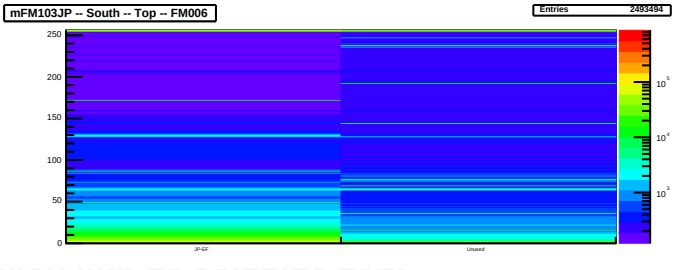
mFM103JP -- South -- Top -- FM006
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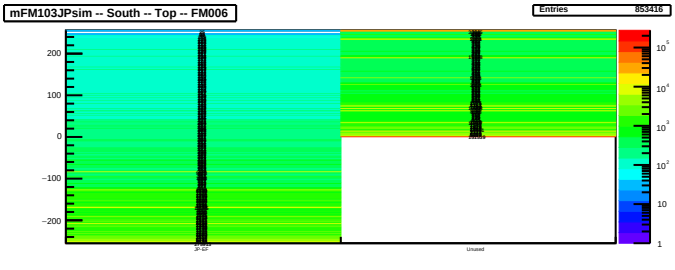
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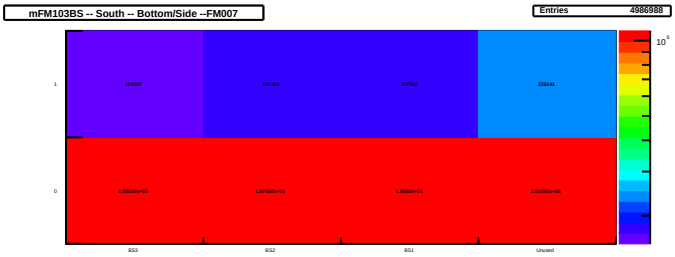
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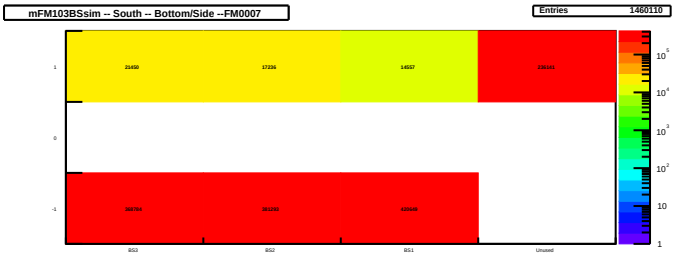
Entries 4986988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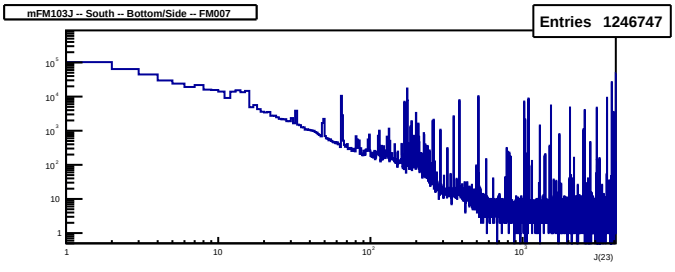
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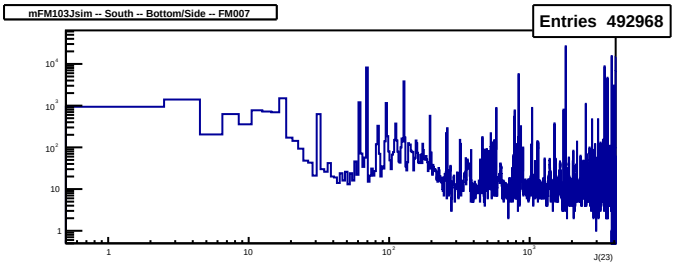
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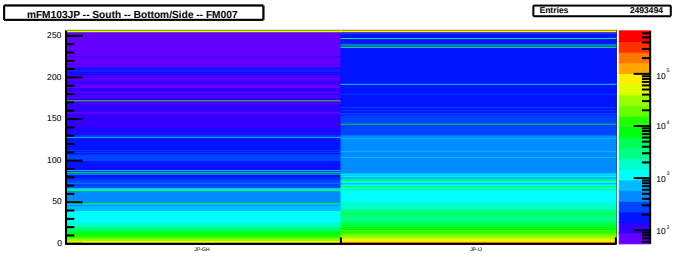
J(23)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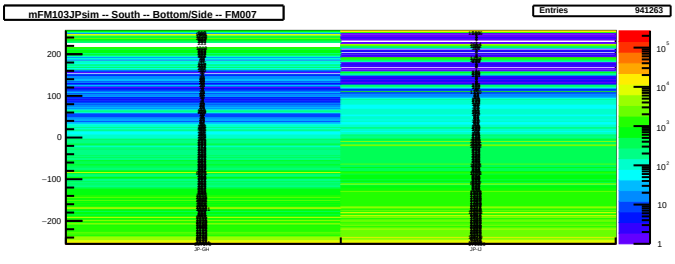
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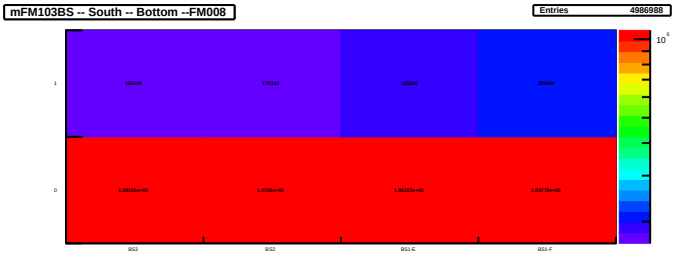
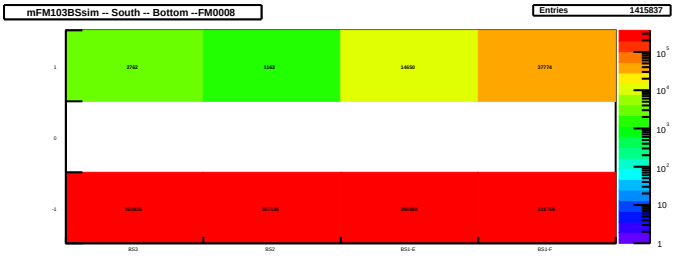

mFM103BS -- South -- Bottom --FM008
Entries 4986988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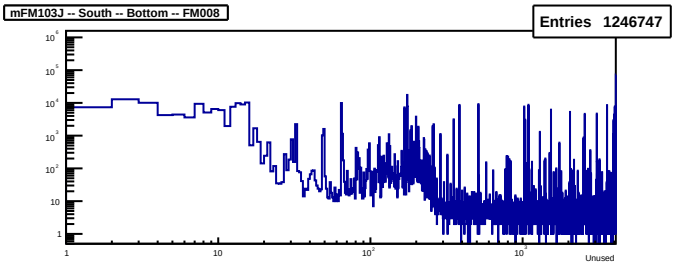
Entries 1415837


mFM103J -- South -- Bottom -- FM008
Entries 1246747
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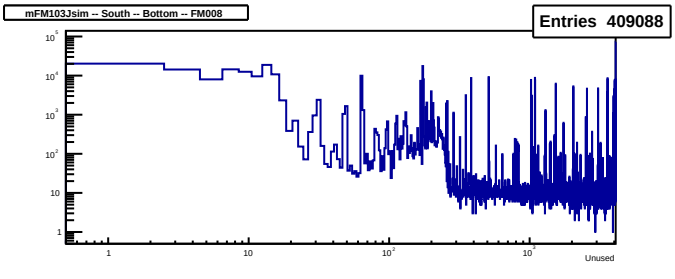
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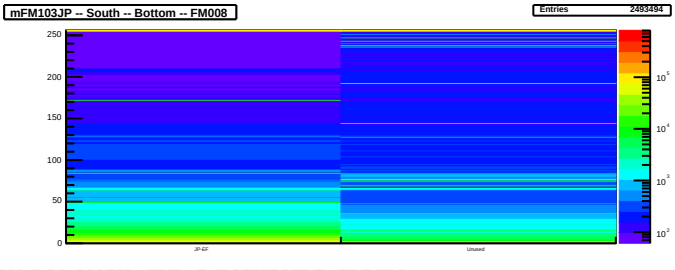
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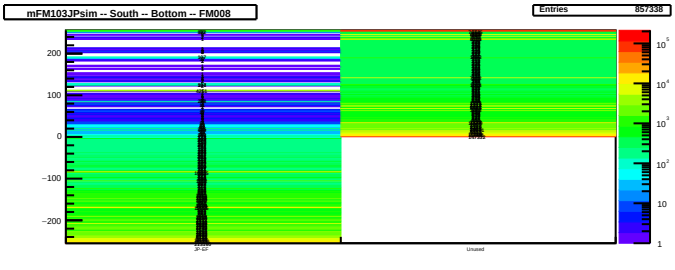
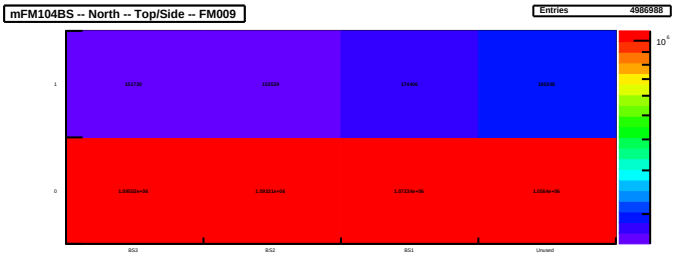
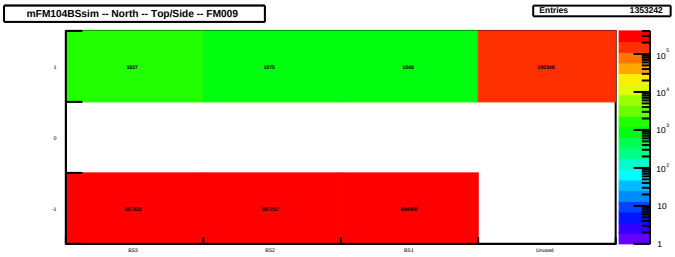
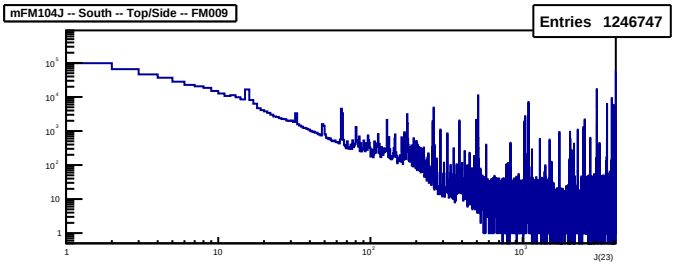
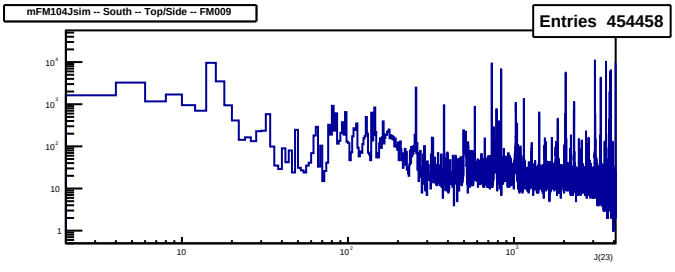
Entries 2493494

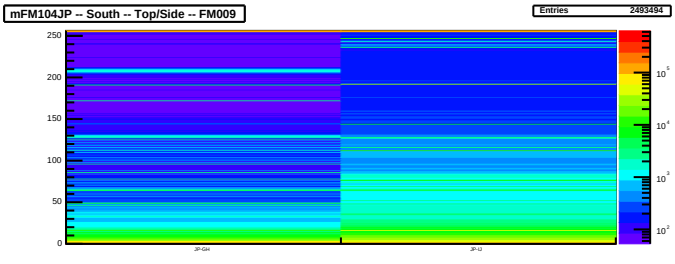

mFM103JPsim -- South -- Bottom -- FM008
Entries 857338

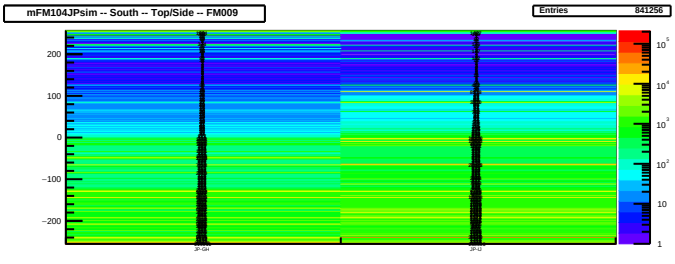

mFM104BS -- North -- Top/Side -- FM009
Entries 4986988

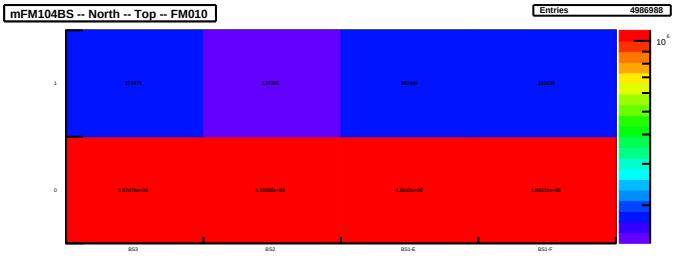

mFM104BSsim -- North -- Top/Side -- FM009
Entries 1353242

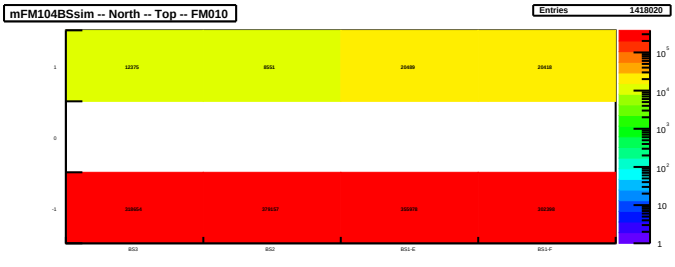

mFM104J -- South -- Top/Side -- FM009
Entries 1246747
J(23)

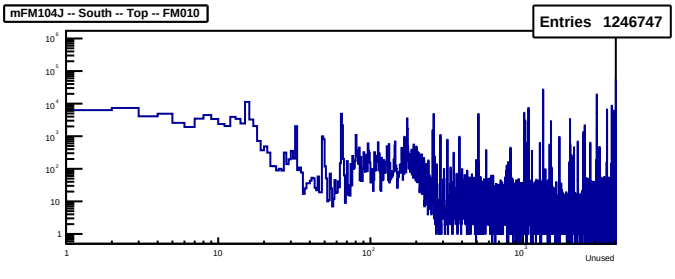

mFM104Jsim -- South -- Top/Side -- FM009
Entries 454458
J(23)

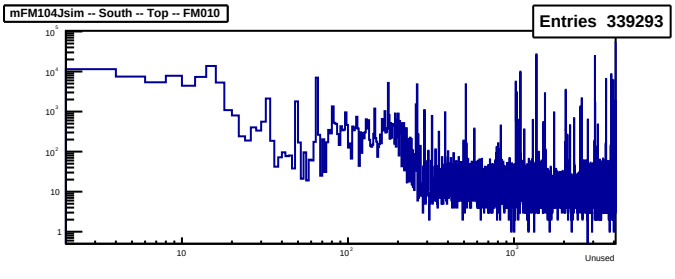

mFM104JP -- South -- Top/Side -- FM009
Entries 2493494

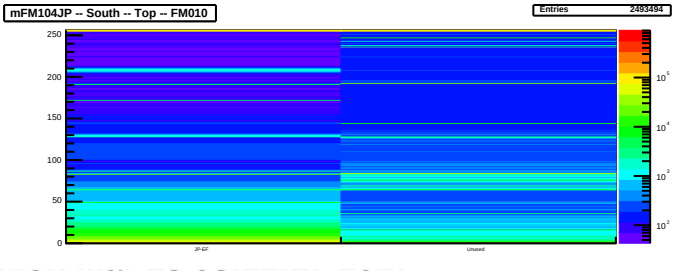

mFM104JPsim -- South -- Top/Side -- FM009
Entries 841256

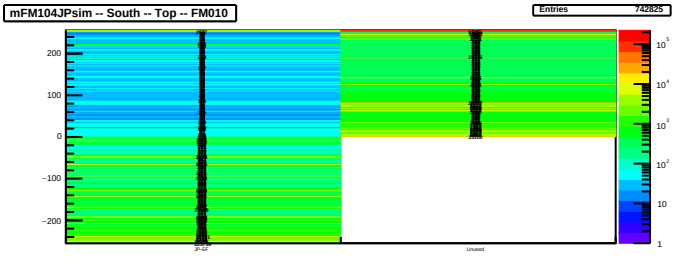

mFM104BS -- North -- Top -- FM010
Entries 4986988

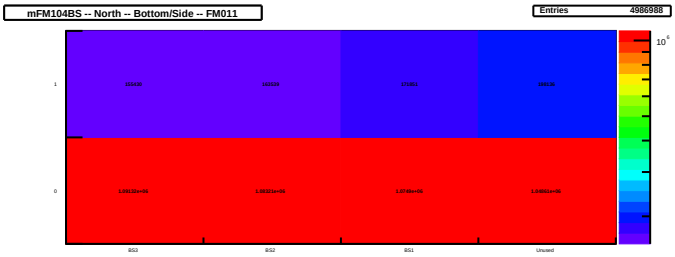

mFM104BSsim -- North -- Top -- FM010
Entries 1418020

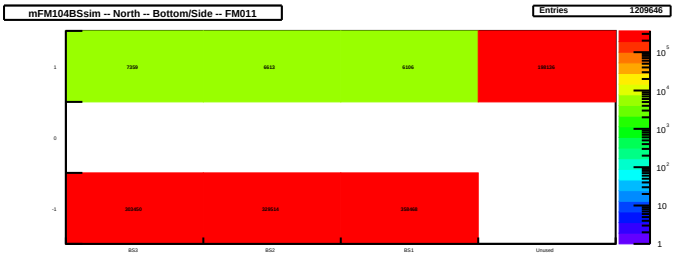

mFM104J -- South -- Top -- FM010
Entries 1246747
Unused

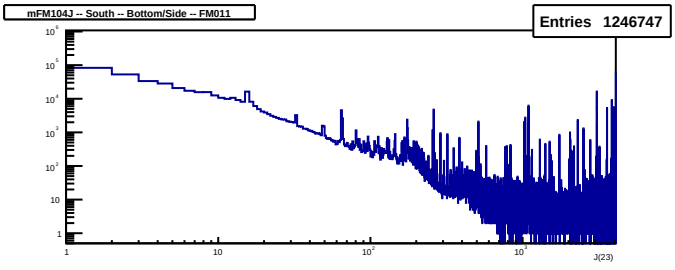

mFM104Jsim -- South -- Top -- FM010
Entries 339293
Unused

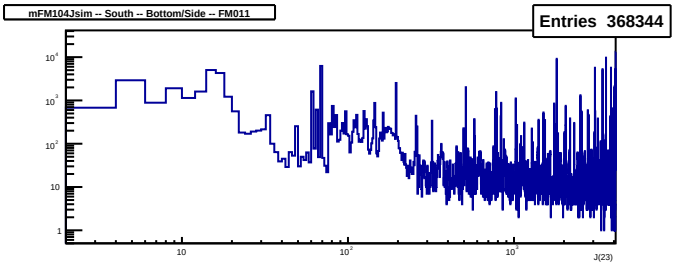

mFM104JP -- South -- Top -- FM010
Entries 2493494

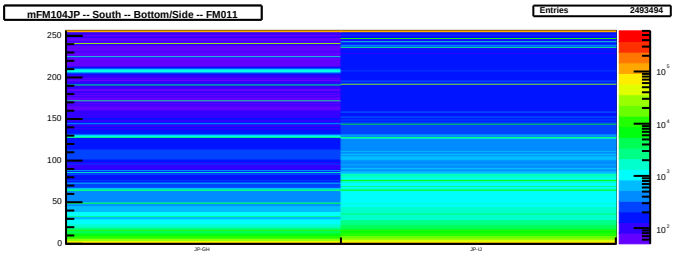

mFM104JPsim -- South -- Top -- FM010
Entries 742825

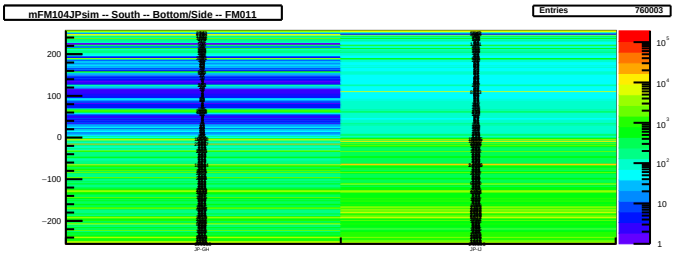

mFM104BS -- North -- Bottom/Side -- FM011
Entries 4986988
BS3
BS2
BS1
Unused

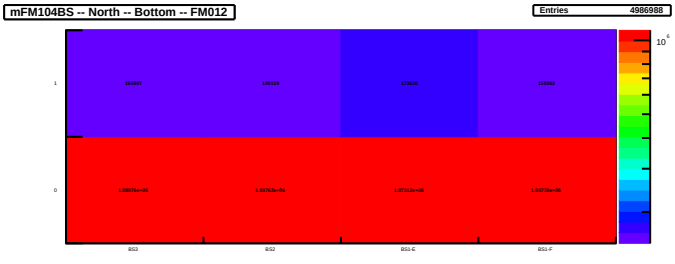

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1209646
BS3
BS2
BS1
Unused

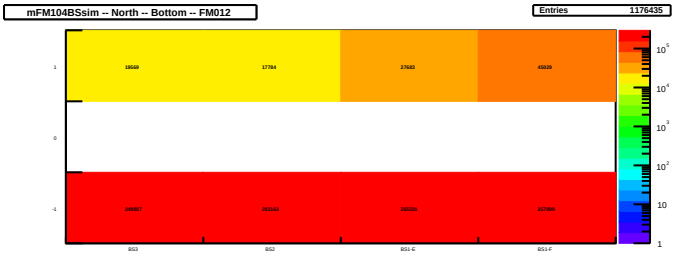

mFM104J -- South -- Bottom/Side -- FM011
Entries 1246747
J(23)

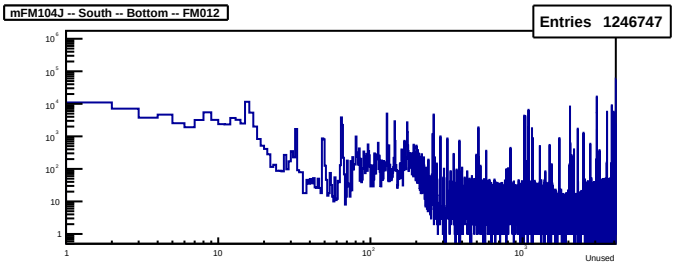

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 368344
J(23)

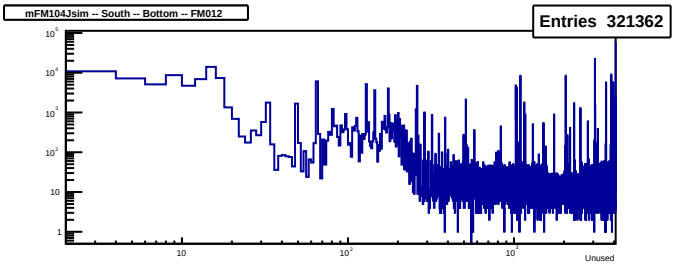

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2493494
JP-GH
JP-IJ

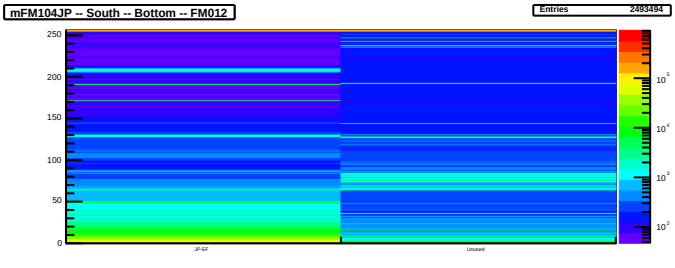

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 760003
JP-GH
JP-IJ

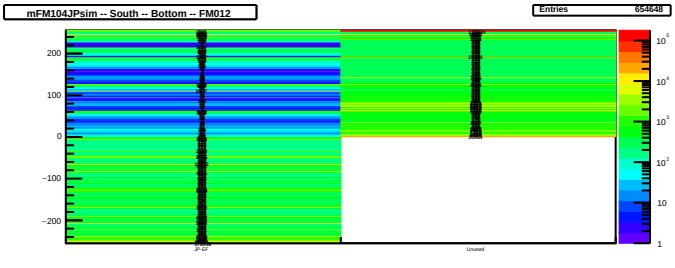

mFM104BS -- North -- Bottom -- FM012
Entries 4986988
BS3
BS2
BS1-E
BS1-F

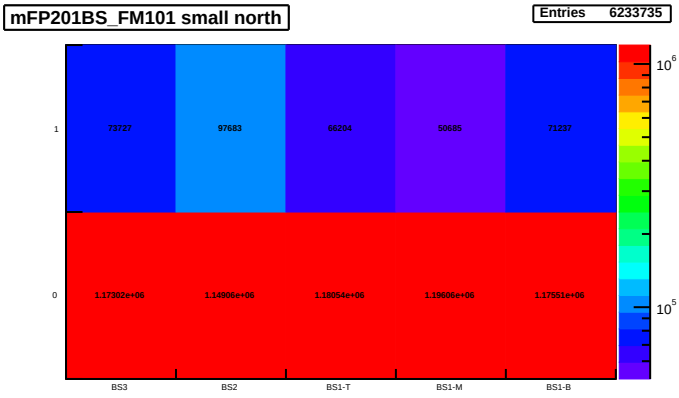

mFM104BSsim -- North -- Bottom -- FM012
Entries 1176435
BS3
BS2
BS1-E
BS1-F

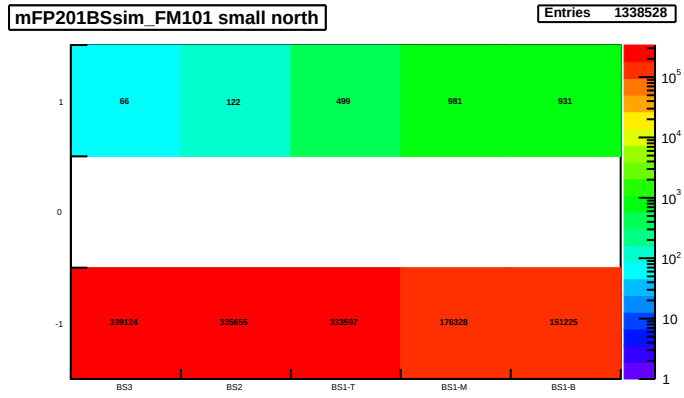

mFM104J -- South -- Bottom -- FM012
Entries 1246747
Unused

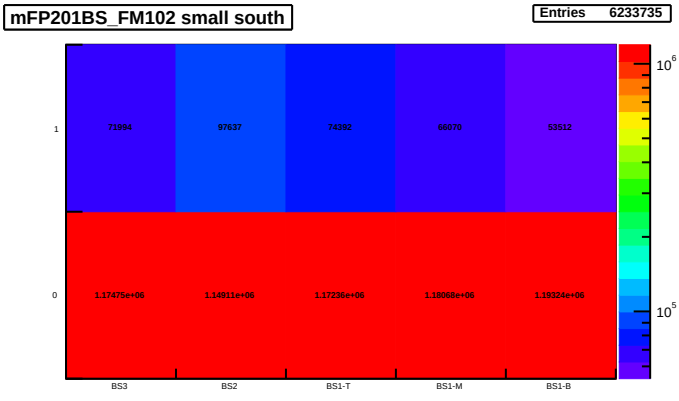

mFM104Jsim -- South -- Bottom -- FM012
Entries 321362
Unused

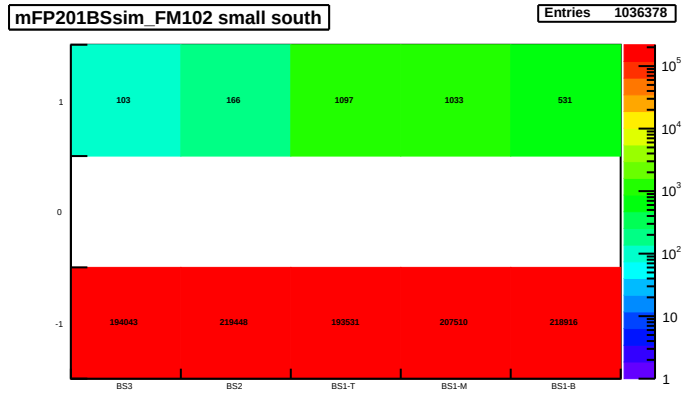

mFM104JP -- South -- Bottom -- FM012
Entries 2493494
JP-EF
Unused

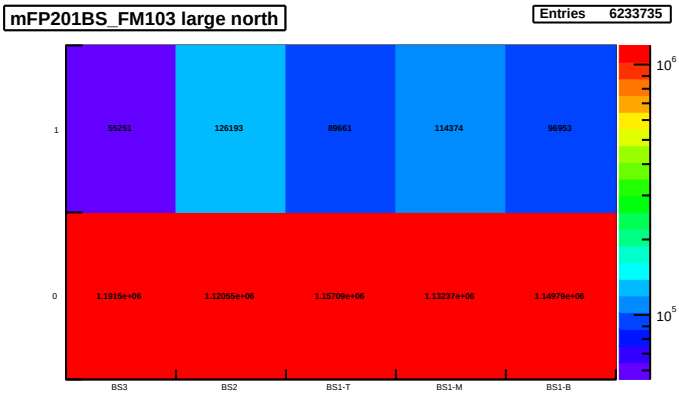

mFM104JPsim -- South -- Bottom -- FM012
Entries 654648
JP-EF
Unused

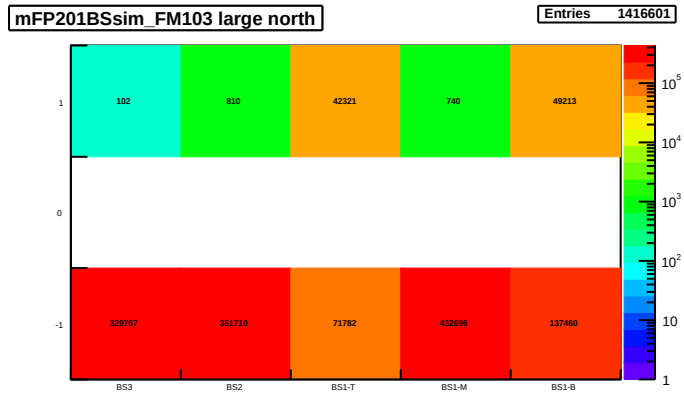

mFP201BS_FM101 small north
Entries 6233735
73727
97683
66204
50685
71237
1.17302e+06
1.14906e+06
1.18054e+06
1.19606e+06
1.17551e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

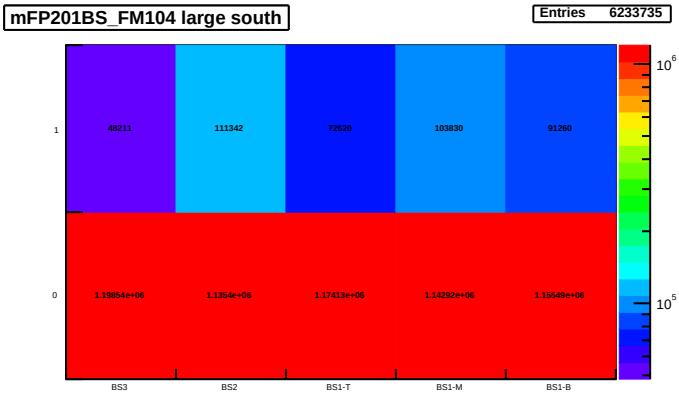

mFP201BSsim_FM101 small north
Entries 1338528
66
122
499
981
931
339124
335655
333597
176328
151225
BS3
BS2
BS1-T
BS1-M
BS1-B

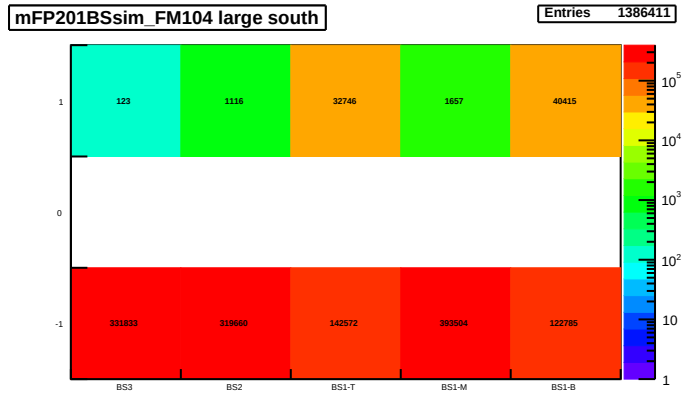

mFP201BS_FM102 small south
Entries 6233735
71994
97637
74392
66070
53512
1.17475e+06
1.14911e+06
1.17236e+06
1.18068e+06
1.19324e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

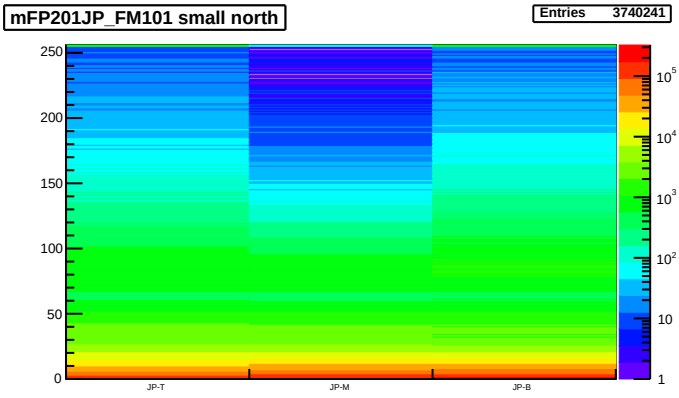

mFP201BSsim_FM102 small south
Entries 1036378
103
166
1097
1033
531
194043
219448
193531
207510
218916
BS3
BS2
BS1-T
BS1-M
BS1-B

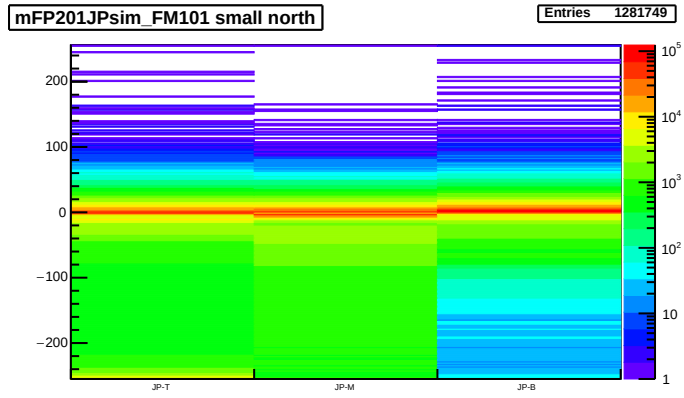

mFP201BS_FM103 large north
Entries 6233735
55251
126193
89661
114374
96953
1.1915e+06
1.12055e+06
1.15709e+06
1.13237e+06
1.14979e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

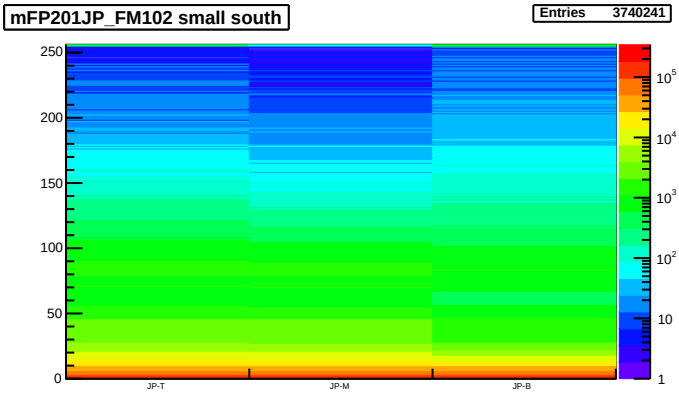

mFP201BSsim_FM103 large north
Entries 1416601
102
810
42321
740
49213
329767
351710
71782
432696
137460
BS3
BS2
BS1-T
BS1-M
BS1-B

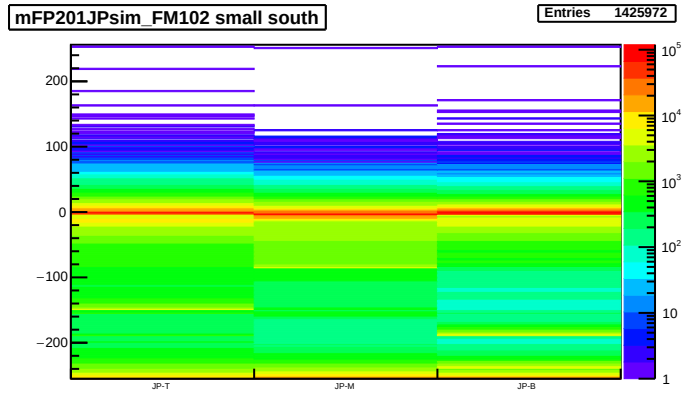

mFP201BS_FM104 large south
Entries 6233735
48211
111342
72620
103830
91260
1.19854e+06
1.1354e+06
1.17413e+06
1.14292e+06
1.15549e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

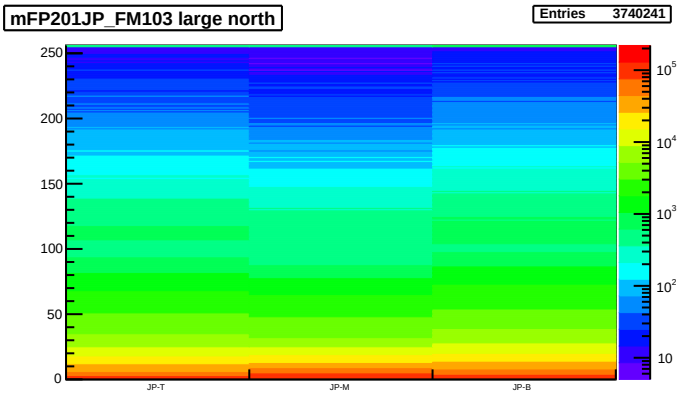

mFP201BSsim_FM104 large south
Entries 1386411
123
1116
32746
1657
40415
331833
319660
142572
393504
122785
BS3
BS2
BS1-T
BS1-M
BS1-B

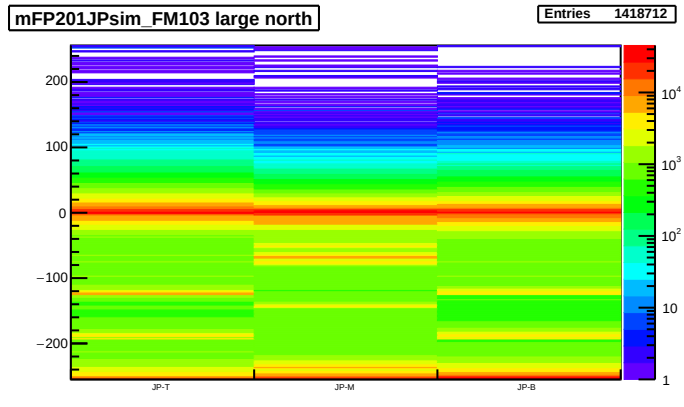

mFP201JP_FM101 small north
Entries 3740241
JP-T
JP-M
JP-B

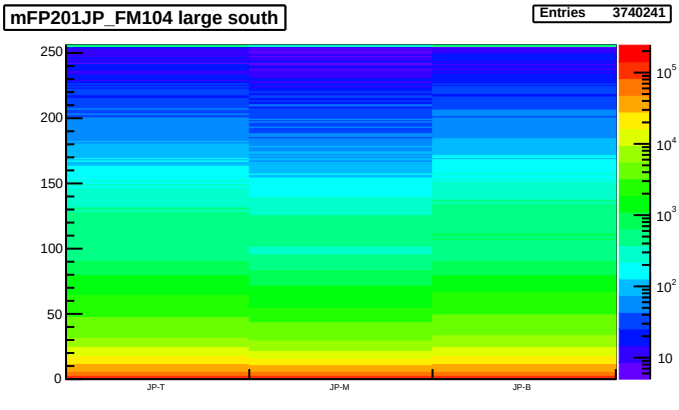

mFP201JPsim_FM101 small north
Entries 1281749
JP-T
JP-M
JP-B

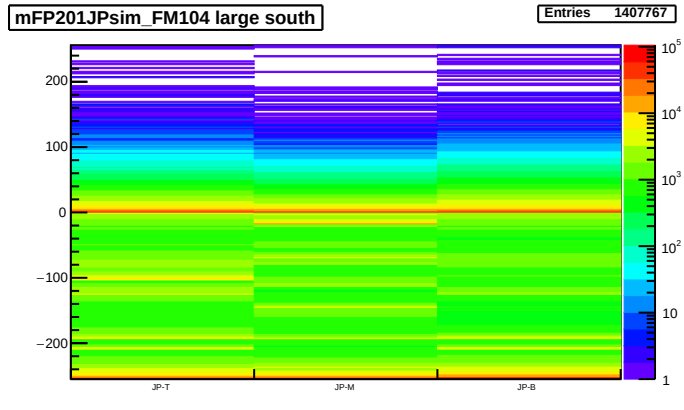

mFP201JP_FM102 small south
Entries 3740241
JP-T
JP-M
JP-B

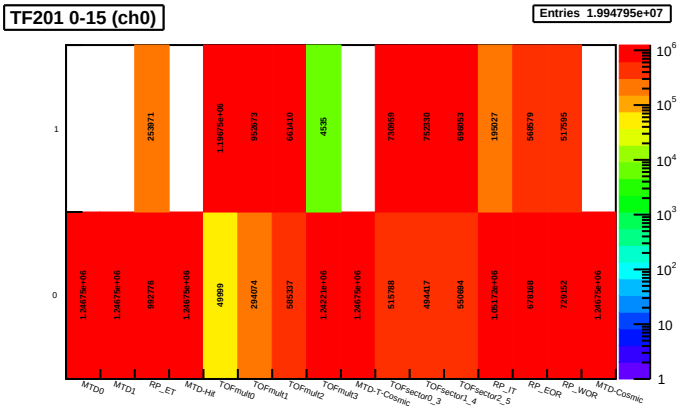

mFP201JPsim_FM102 small south
Entries 1425972
JP-T
JP-M
JP-B

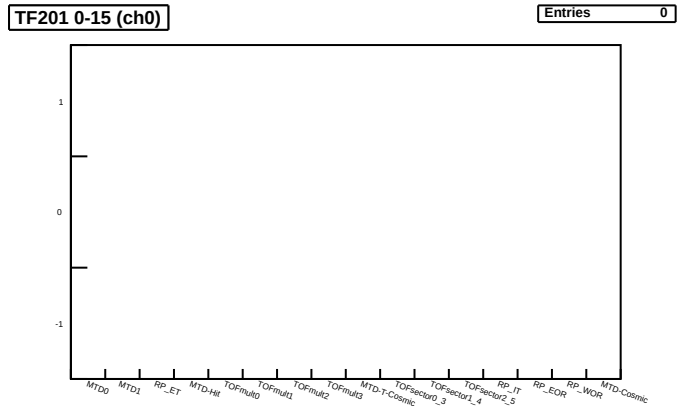

mFP201JP_FM103 large north
Entries 3740241
JP-T
JP-M
JP-B

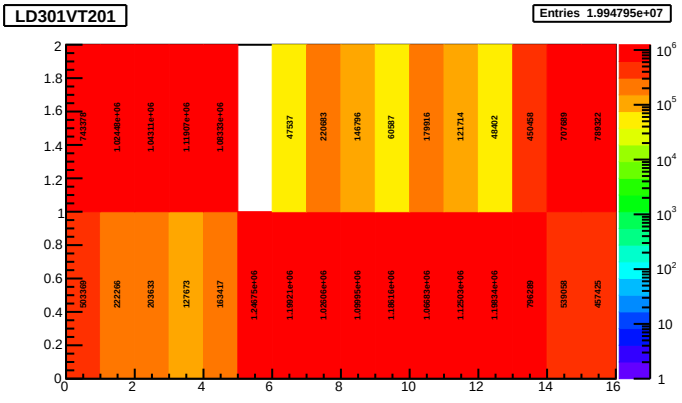

mFP201JPsim_FM103 large north
Entries 1418712
JP-T
JP-M
JP-B

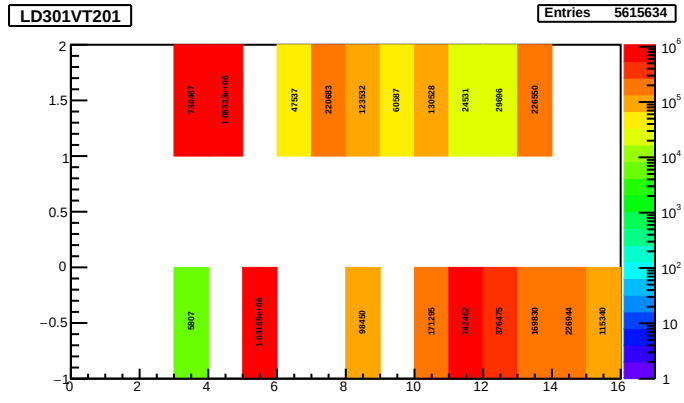

mFP201JP_FM104 large south
Entries 3740241
JP-T
JP-M
JP-B

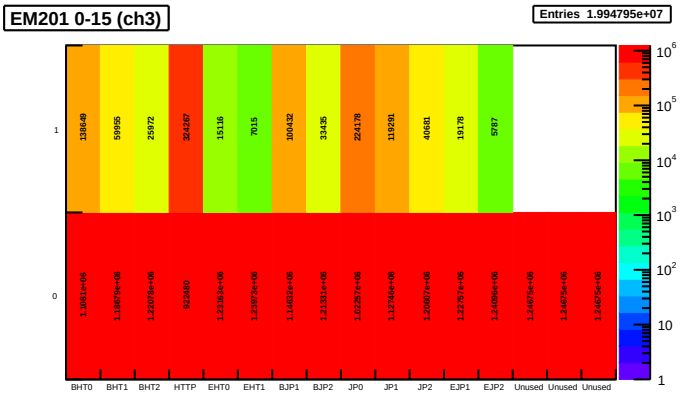

mFP201JPsim_FM104 large south
Entries 1407767
JP-T
JP-M
JP-B

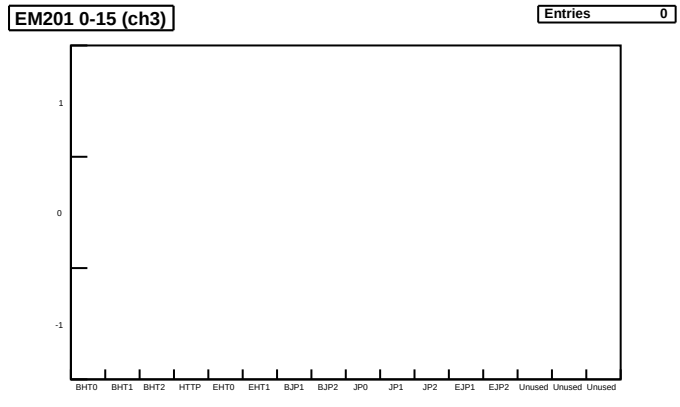

TF201 0-15 (ch0)
Entries 1.994795e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

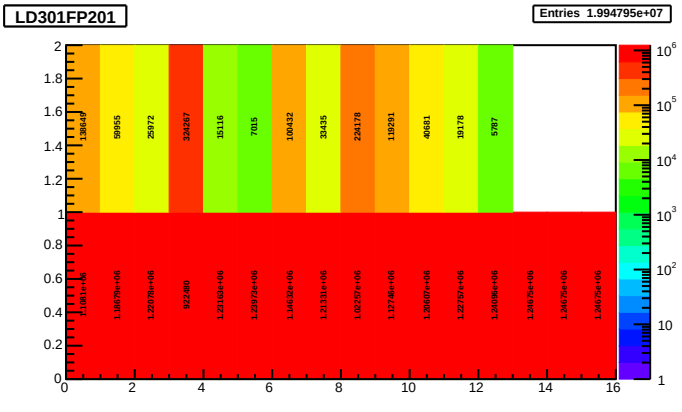

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

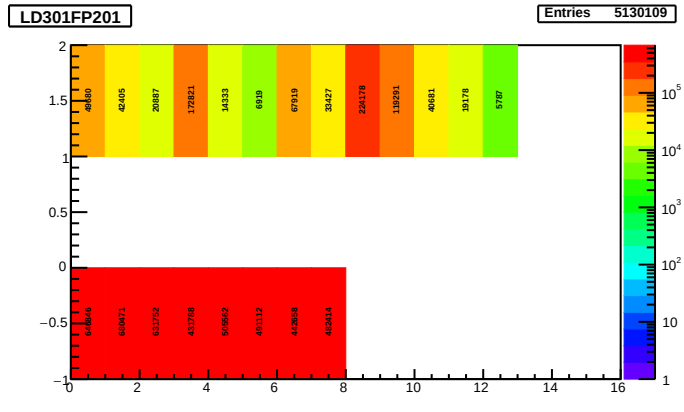

LD301VT201
Entries 1.994795e+07


LD301VT201
Entries 5615634


EM201 0-15 (ch3)
Entries 1.994795e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 1.994795e+07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