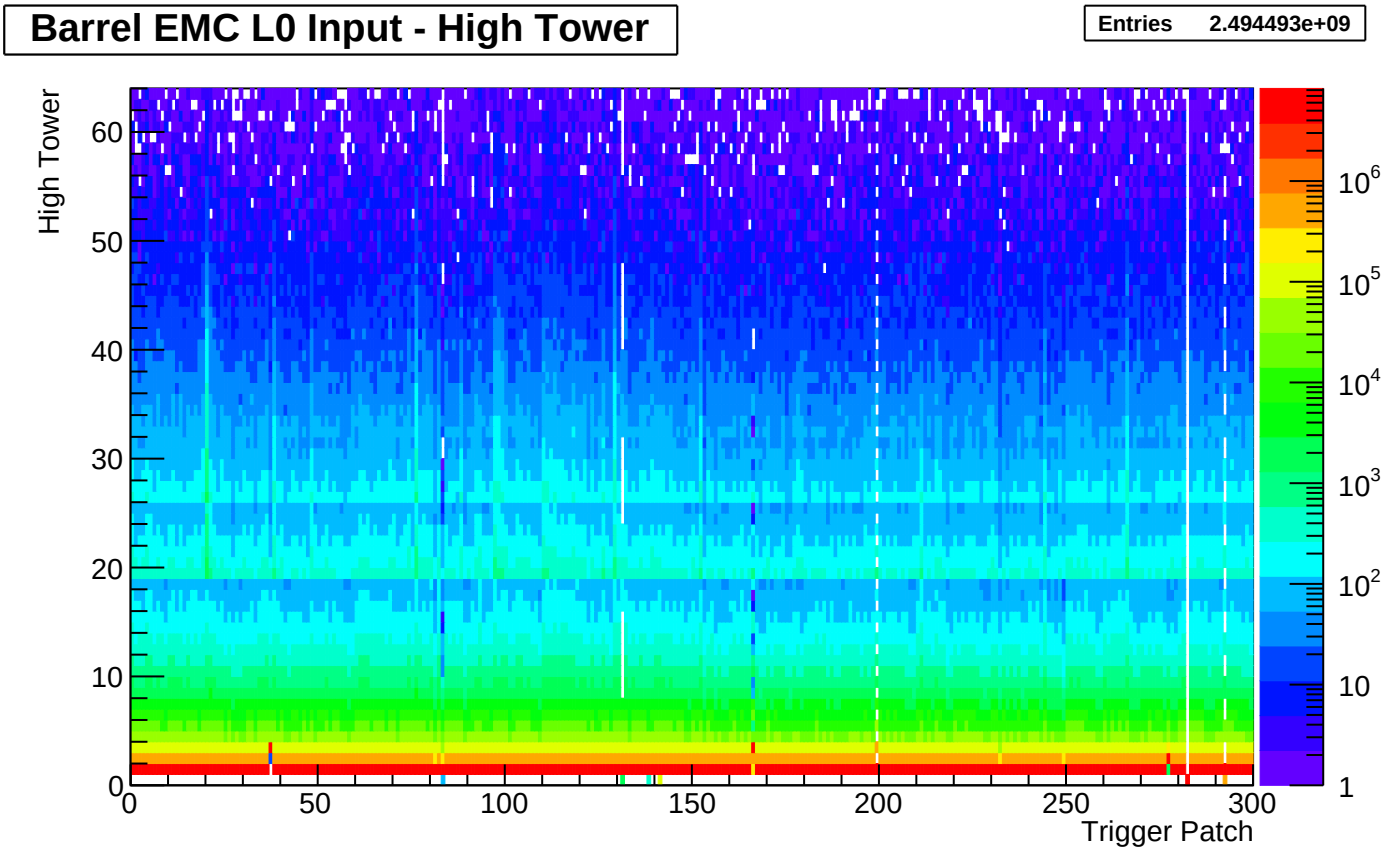
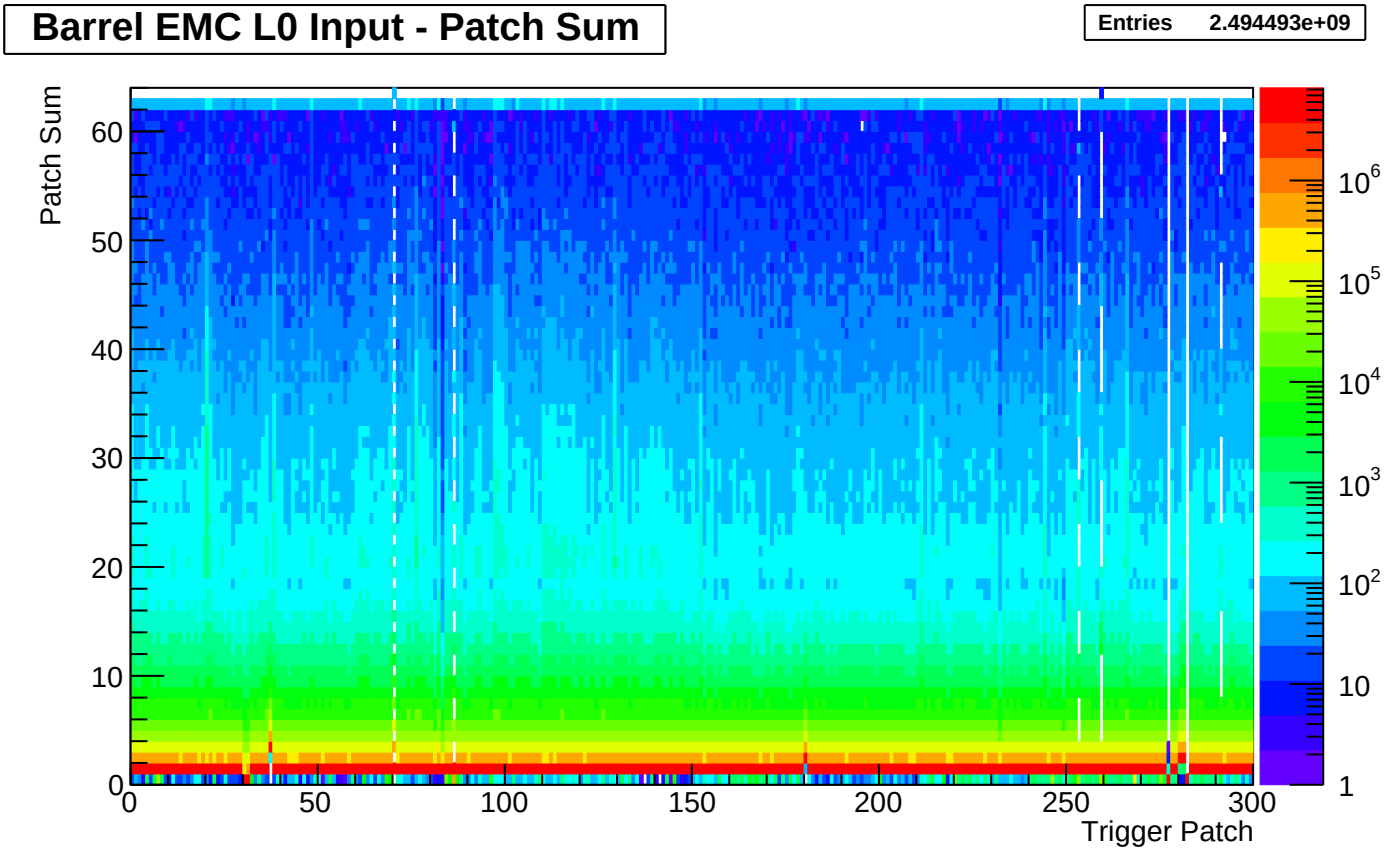
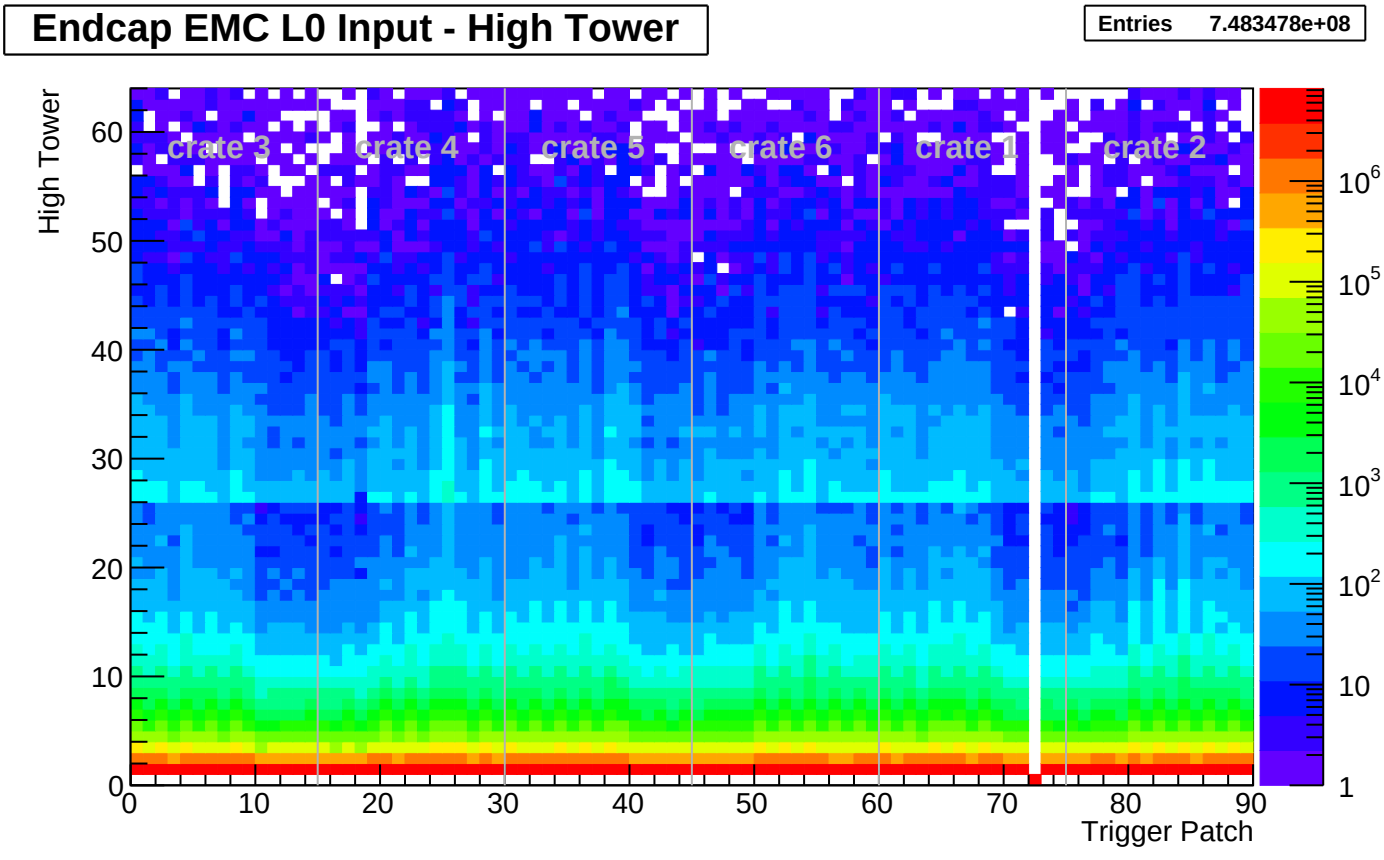
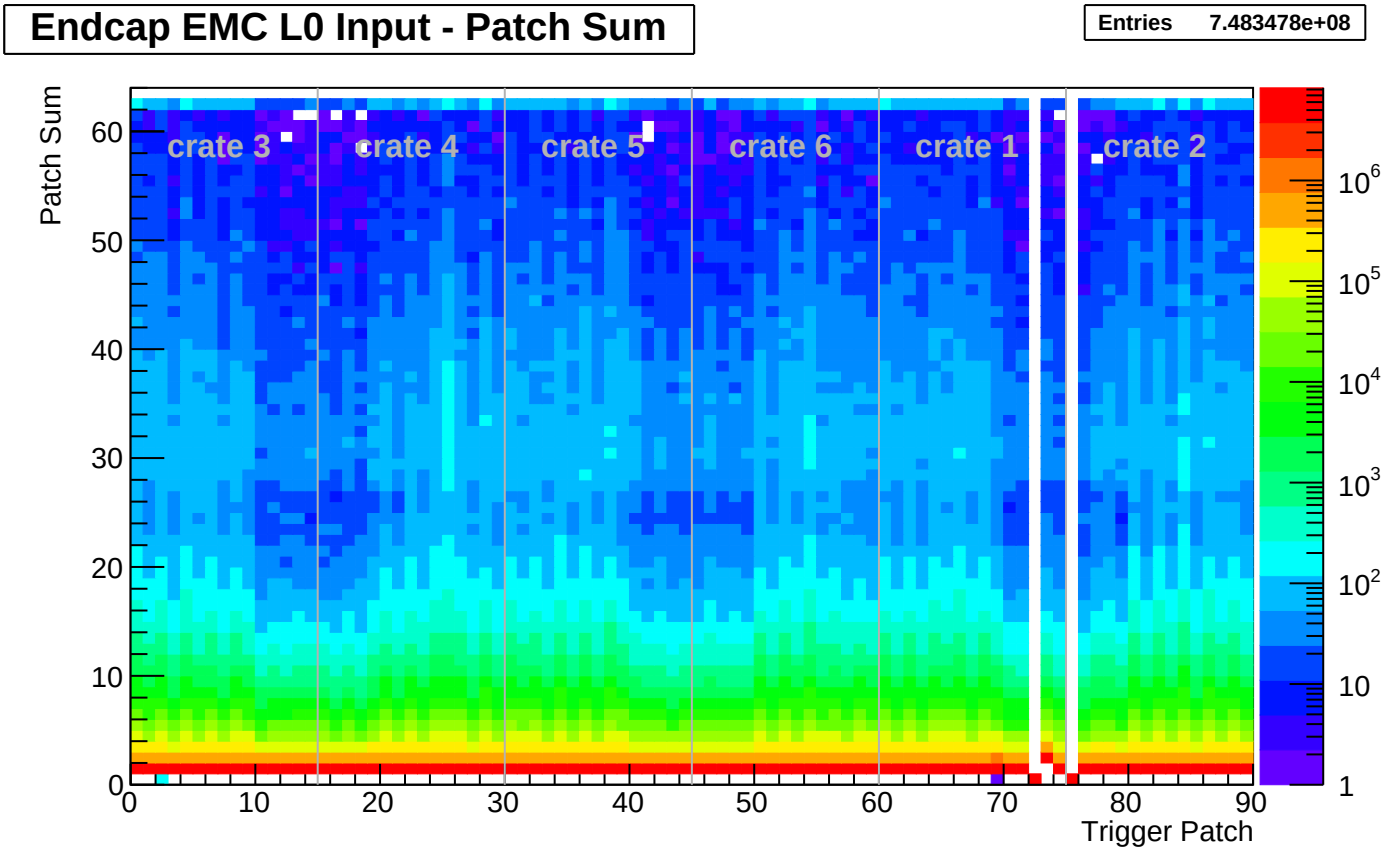
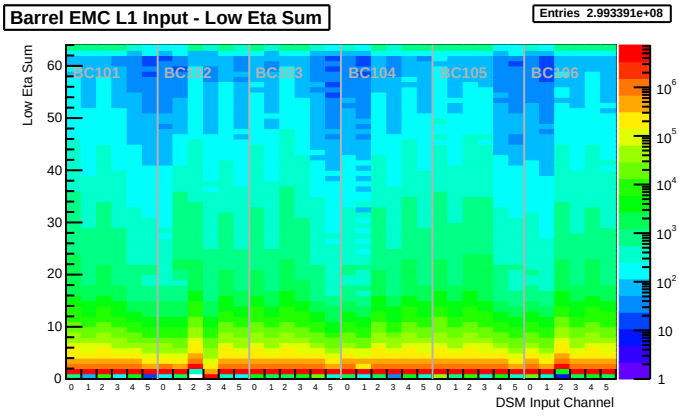
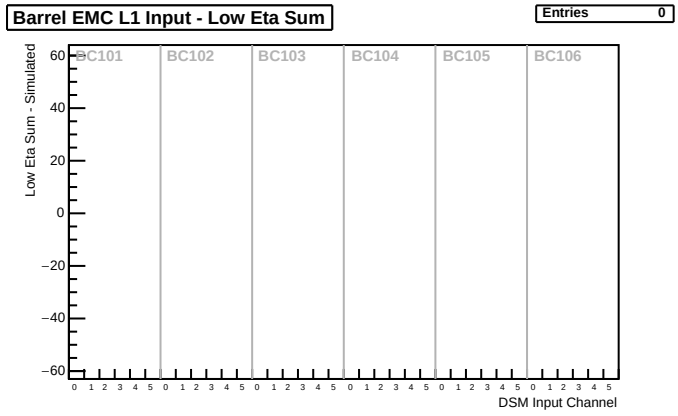

Barrel EMC L0 Input - High Tower
Entries 2.494493e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

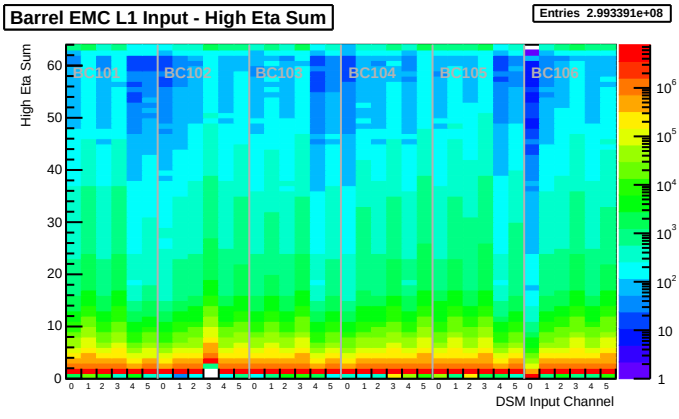

Barrel EMC L0 Input - Patch Sum
Entries 2.494493e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

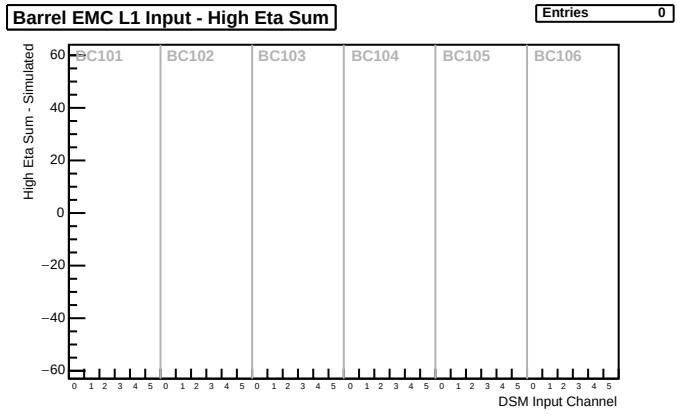

Endcap EMC L0 Input - High Tower
Entries 7.483478e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

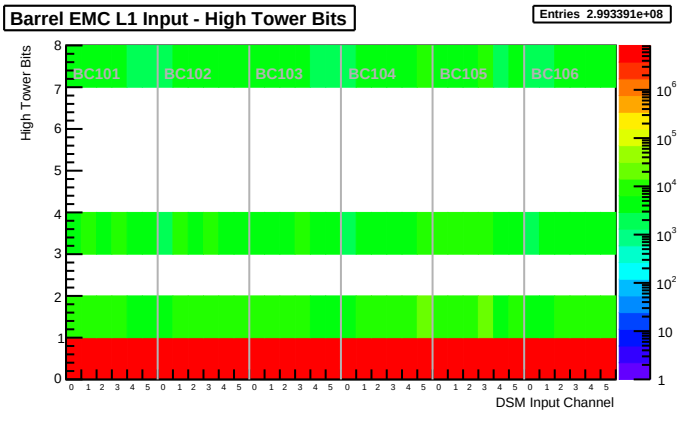

Endcap EMC L0 Input - Patch Sum
Entries 7.483478e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

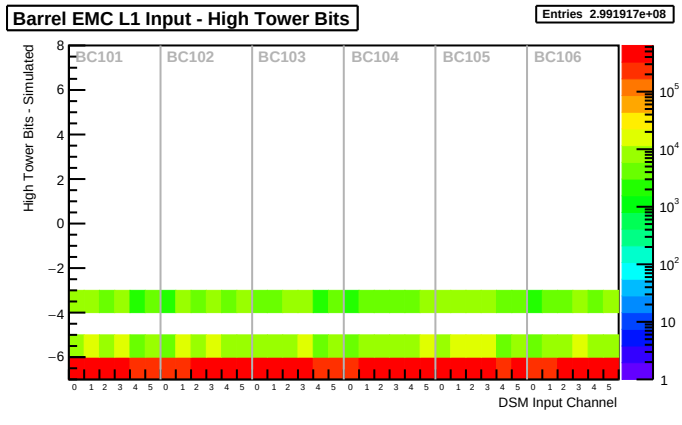

Barrel EMC L1 Input - Low Eta Sum
Entries 2.993391e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

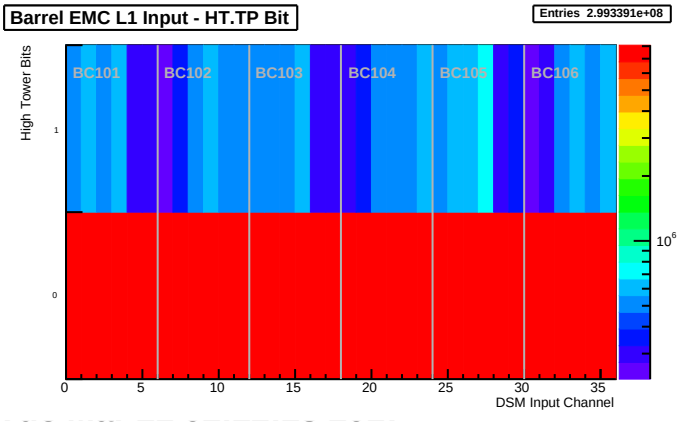

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

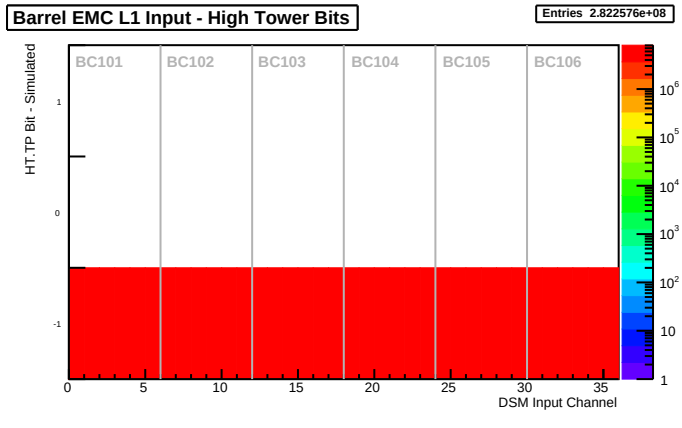

Barrel EMC L1 Input - High Eta Sum
Entries 2.993391e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

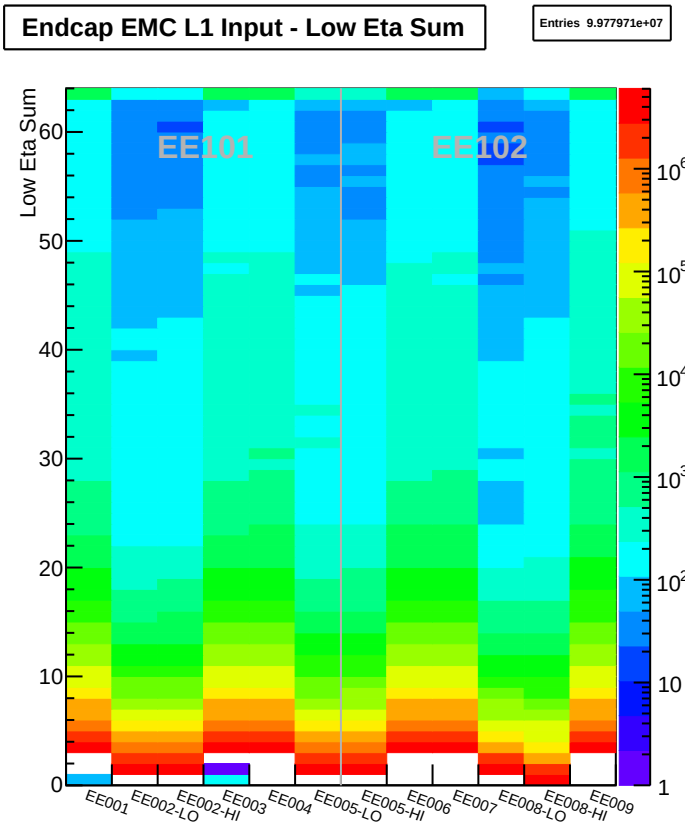

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

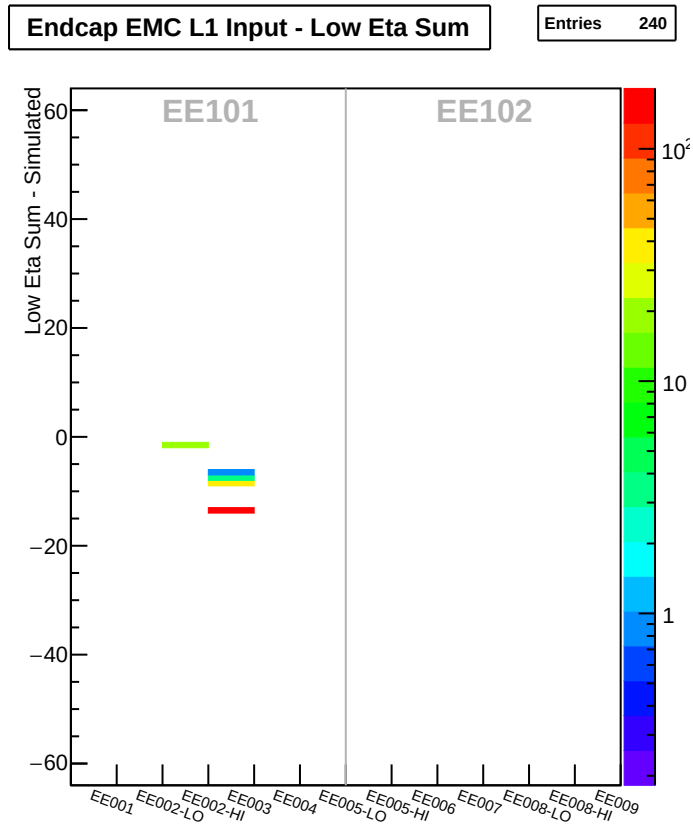

Barrel EMC L1 Input - High Tower Bits
Entries 2.993391e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

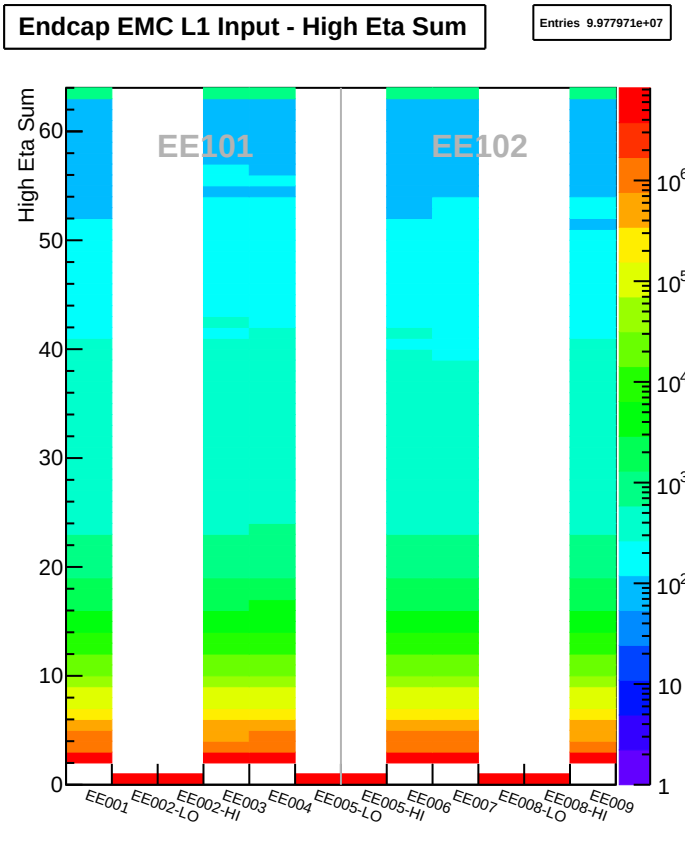

Barrel EMC L1 Input - High Tower Bits
Entries 2.991917e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

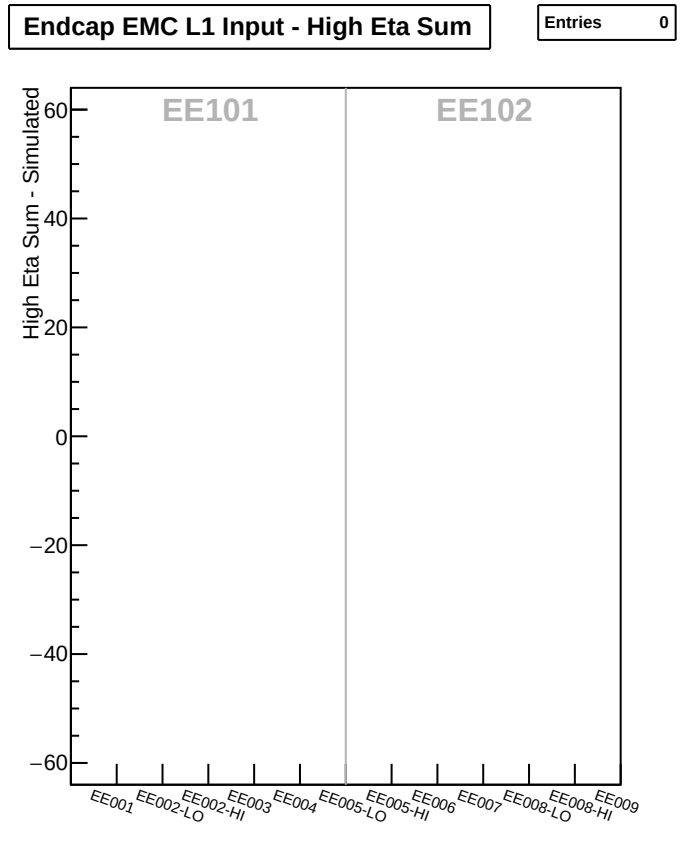

Barrel EMC L1 Input - HT.TP Bit
Entries 2.993391e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

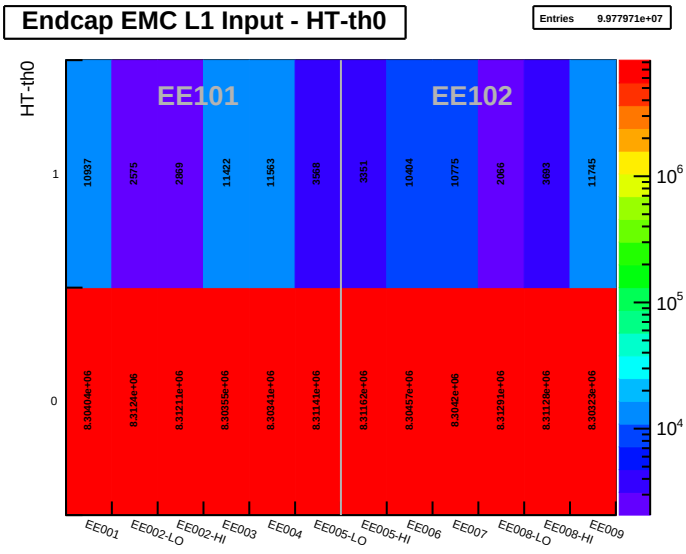

Barrel EMC L1 Input - High Tower Bits
Entries 2.822576e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

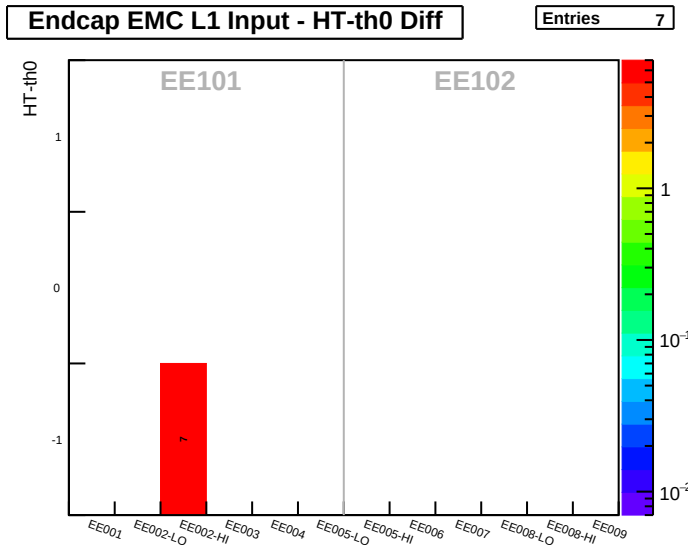

Endcap EMC L1 Input - Low Eta Sum
Entries 9.977971e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

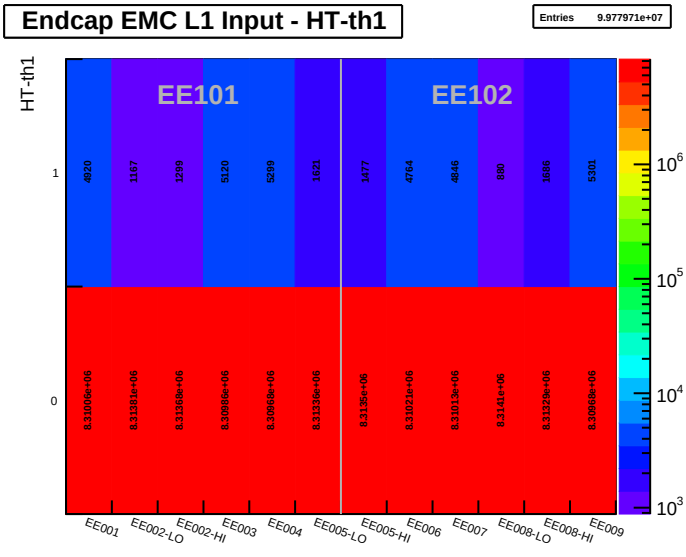

Endcap EMC L1 Input - Low Eta Sum
Entries 240
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

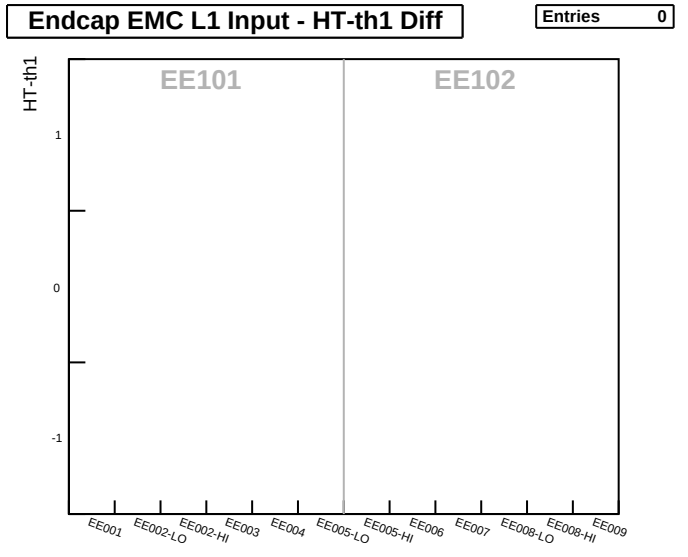

Endcap EMC L1 Input - High Eta Sum
Entries 9.977971e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

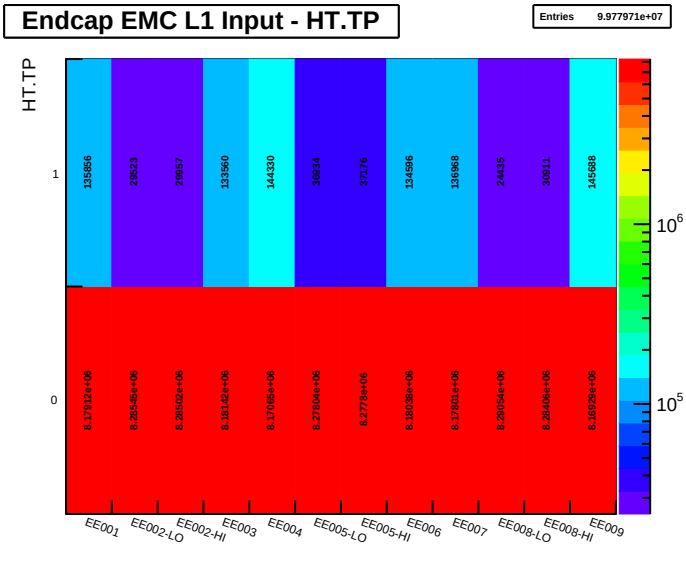

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

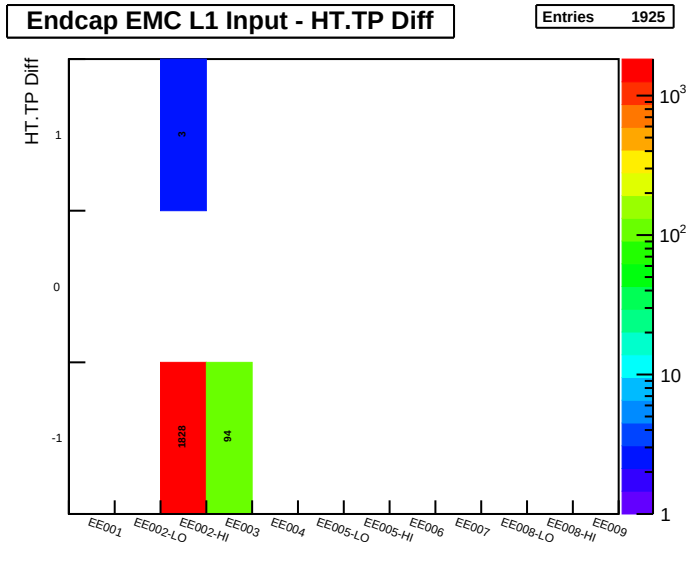

Endcap EMC L1 Input - HT-th0
Entries 9.977971e+07
HT-th0
EE101
EE102
10937 2575 2869 11422 11563 3568 3351 10404 10775 2066 3693 11745
8.30404e+06 8.3124e+06 8.31211e+06 8.30356e+06 8.30341e+06 8.31141e+06 8.31162e+06 8.30457e+06 8.3042e+06 8.31291e+06 8.31128e+06 8.30323e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

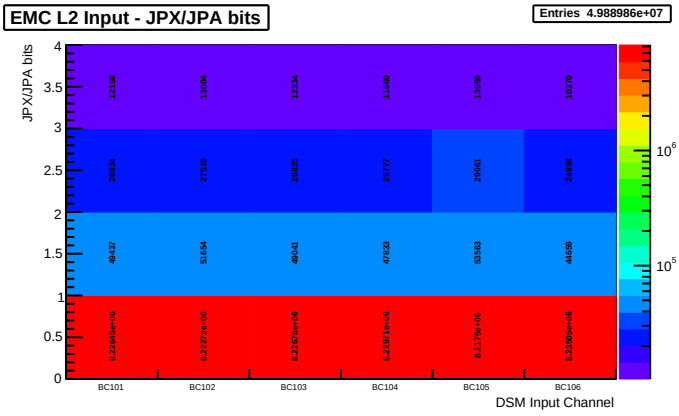

Endcap EMC L1 Input - HT-th0 Diff
Entries 7
HT-th0
EE101
EE102
7
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

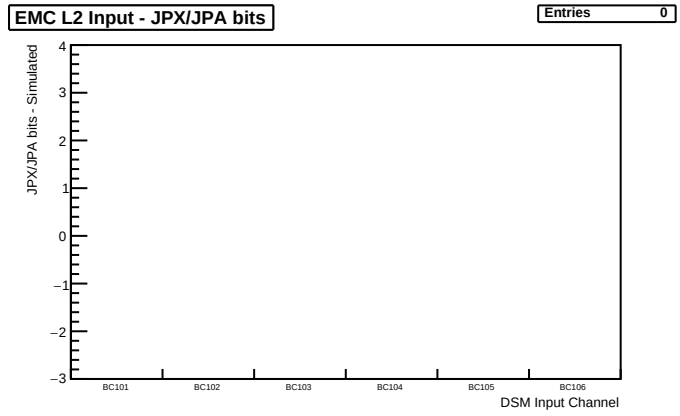

Endcap EMC L1 Input - HT-th1
Entries 9.977971e+07
HT-th1
EE101
EE102
4920 1167 1299 5120 5299 1621 1477 4764 4846 880 1586 5301
8.31006e+06 8.31381e+06 8.31368e+06 8.30996e+06 8.30968e+06 8.31336e+06 8.3135e+06 8.31021e+06 8.31013e+06 8.3141e+06 8.31329e+06 8.30968e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

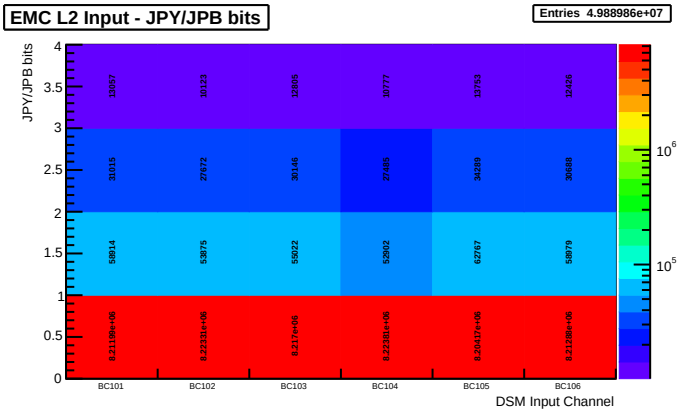

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

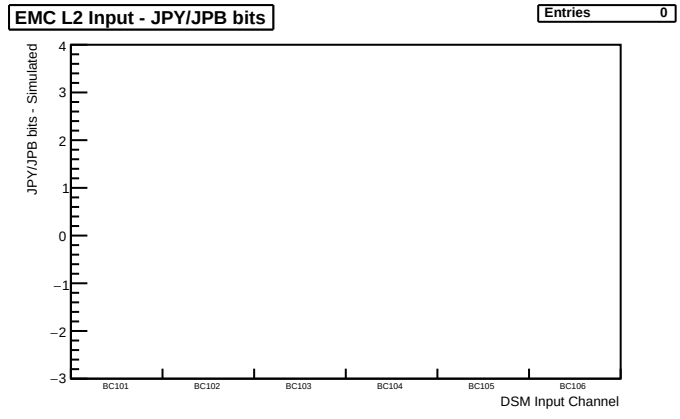

Endcap EMC L1 Input - HT.TP
Entries 9.977971e+07
HT.TP
135856 29523 29957 133560 144330 36034 37176 134596 136968 24435 30911 145688
8.17912e+06 8.29545e+06 8.28502e+06 8.18142e+06 8.17065e+06 8.27804e+06 8.2778e+06 8.18038e+06 8.17801e+06 8.29054e+06 8.29406e+06 8.16929e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

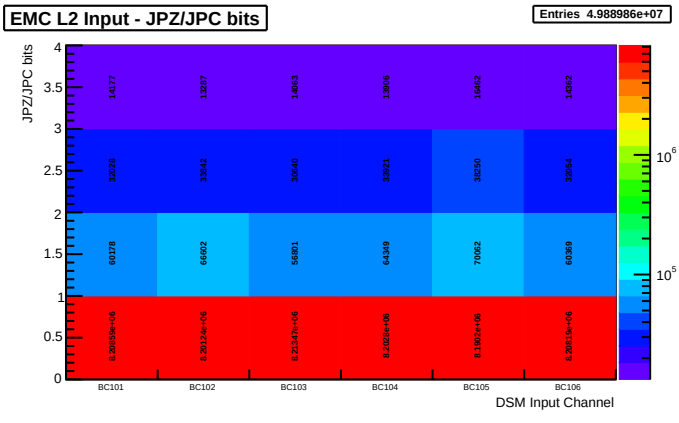

Endcap EMC L1 Input - HT.TP Diff
Entries 1925
HT.TP Diff
3
1828
94
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

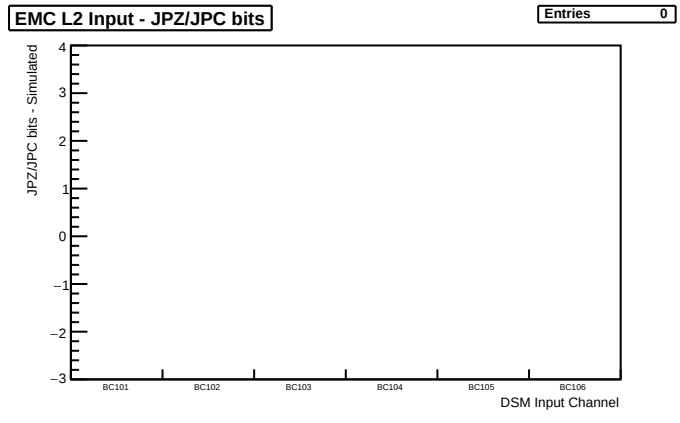

EMC L2 Input - JPX/JPA bits
Entries 4.988986e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

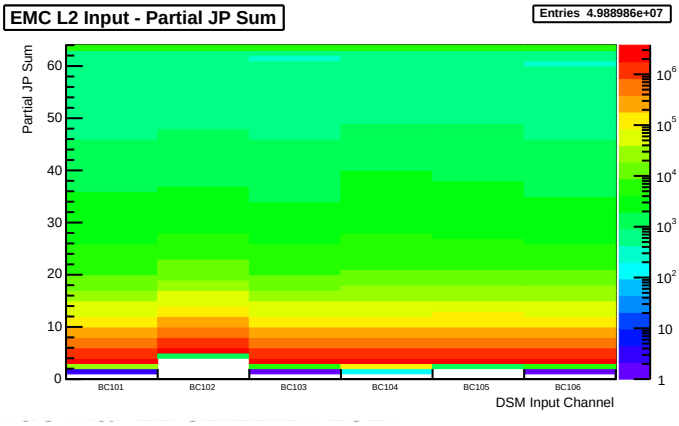

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

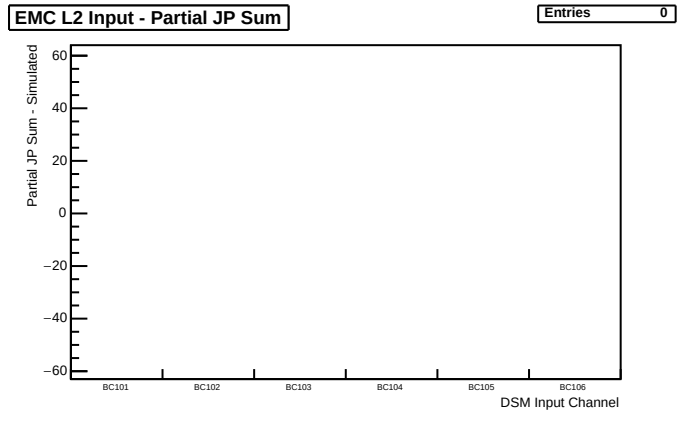

EMC L2 Input - JPY/JPB bits
Entries 4.988986e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

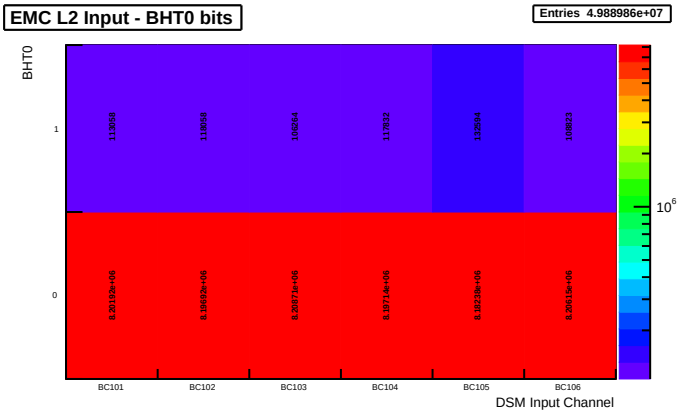

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

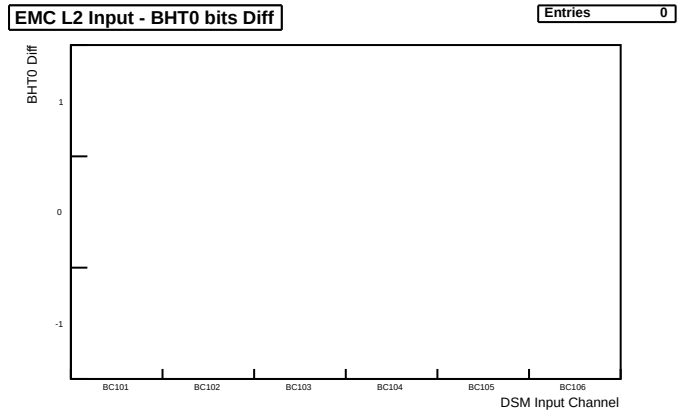

EMC L2 Input - JPZ/JPC bits
Entries 4.988986e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

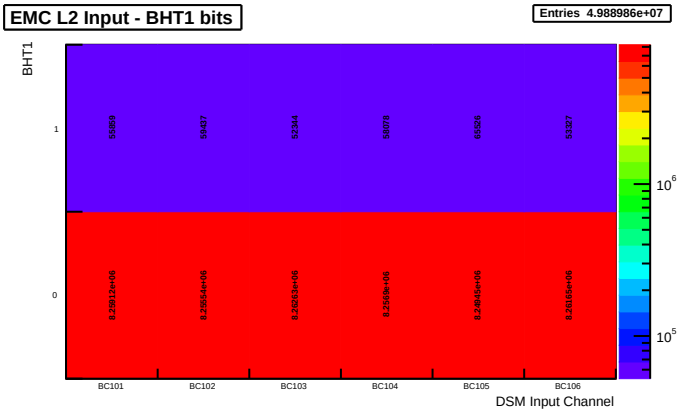

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

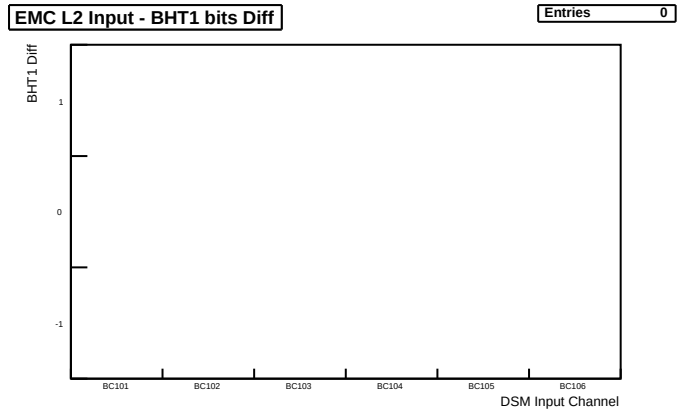

EMC L2 Input - Partial JP Sum
Entries 4.988986e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

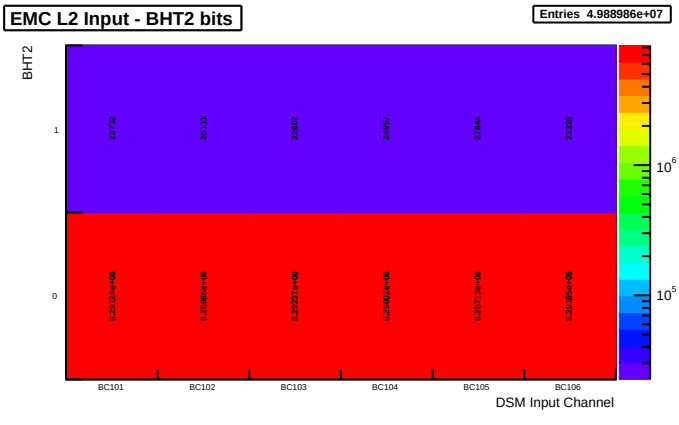

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

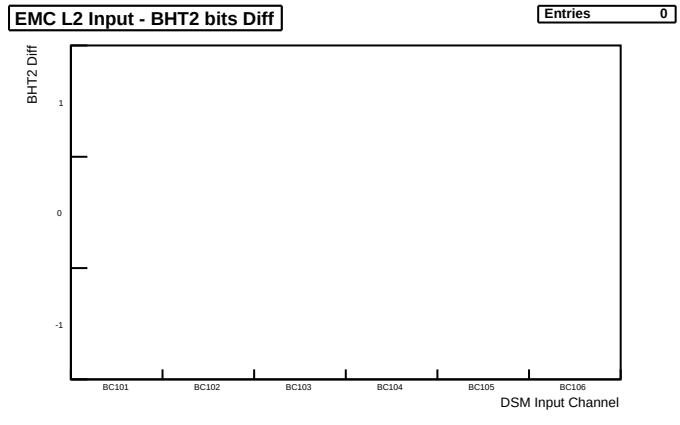

EMC L2 Input - BHT0 bits
Entries 4.988986e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

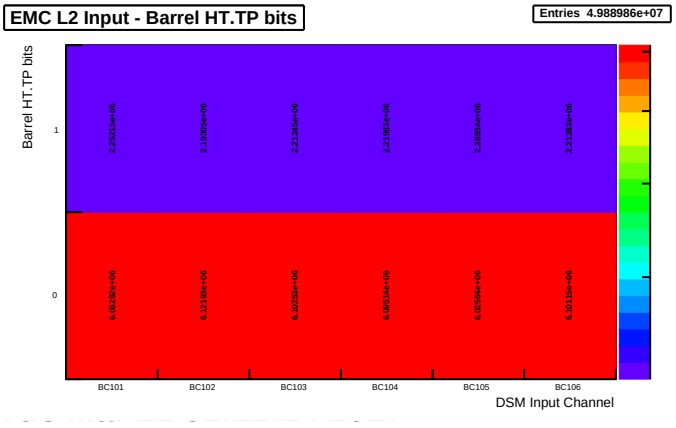

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

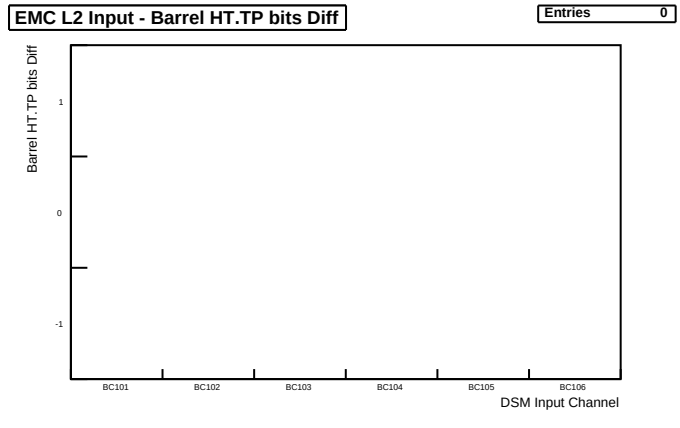

EMC L2 Input - BHT1 bits
Entries 4.988986e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

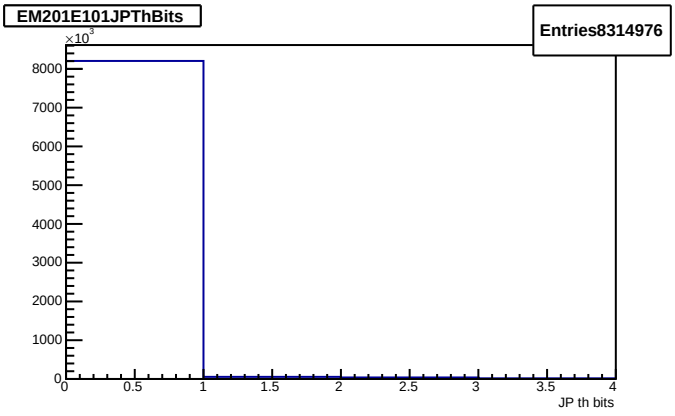

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

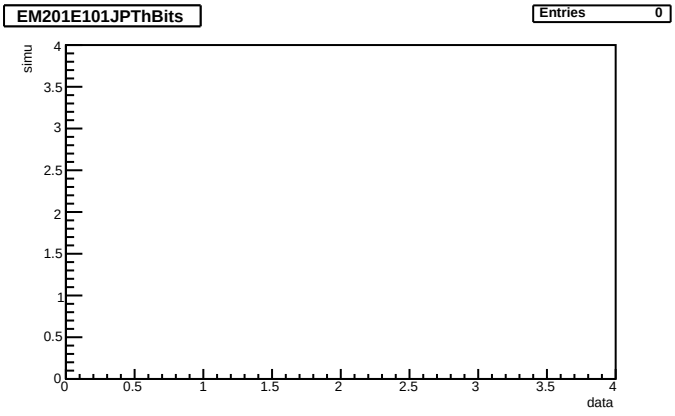

EMC L2 Input - BHT2 bits
Entries 4.988986e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

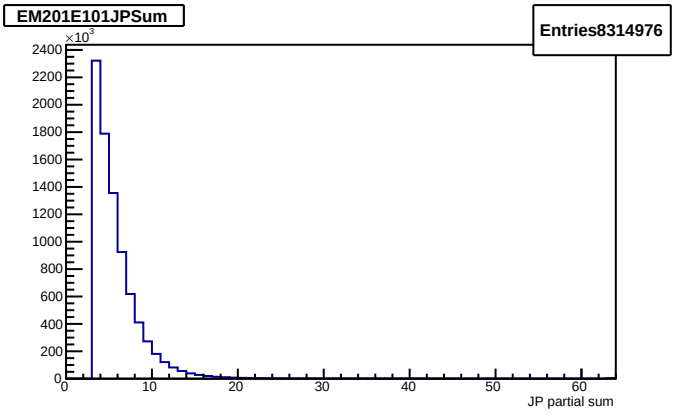

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

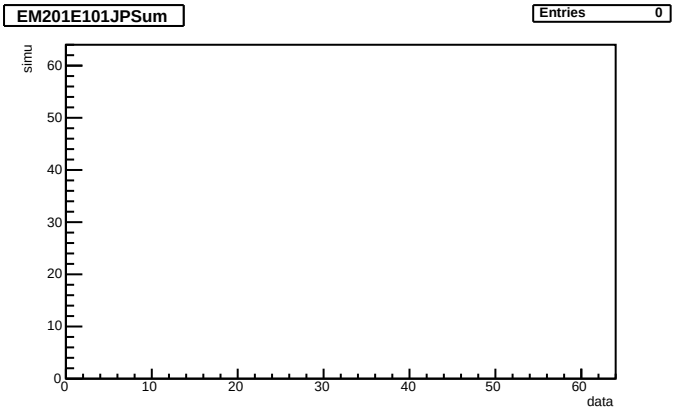

EMC L2 Input - Barrel HT.TP bits
Entries 4.988986e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

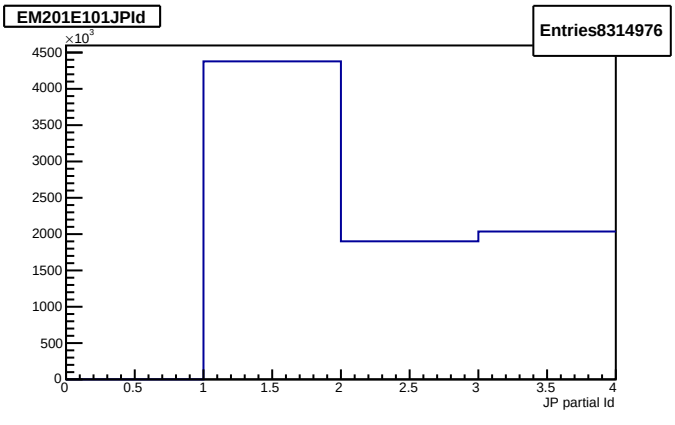

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

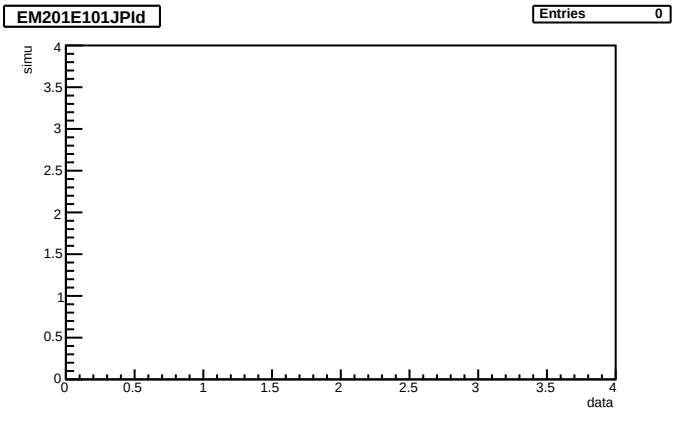

EM201E101JPThBits
Entries8314976
JP th bits

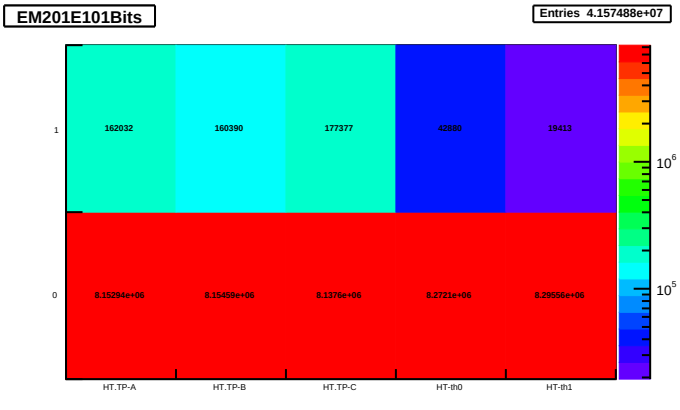

EM201E101JPThBits
Entries 0
simu
data

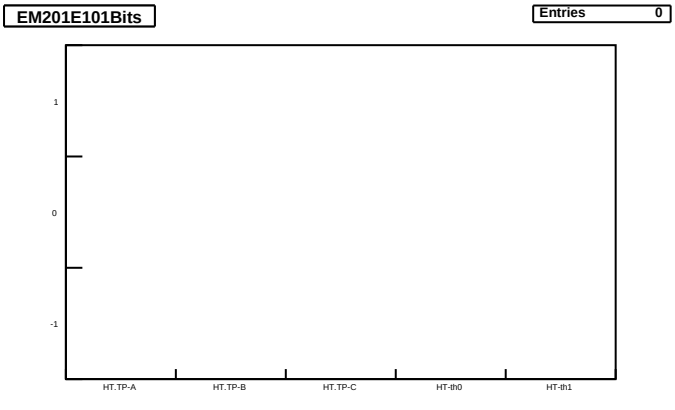

EM201E101JPSum
Entries8314976
JP partial sum

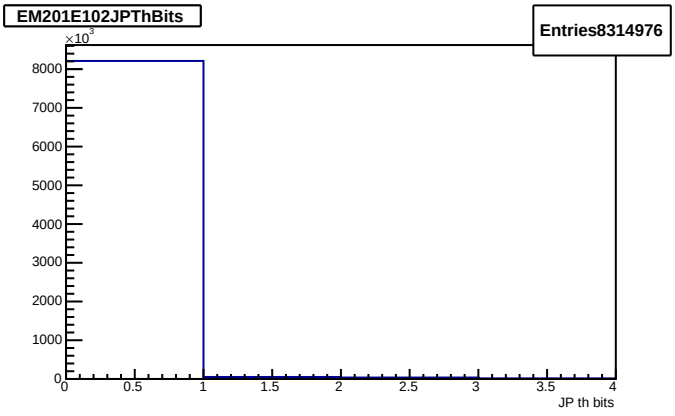

EM201E101JPSum
Entries 0
simu
data

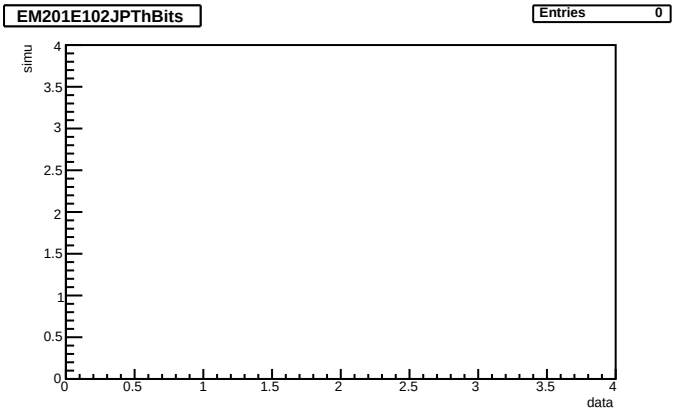

EM201E101JPId
Entries8314976
JP partial Id

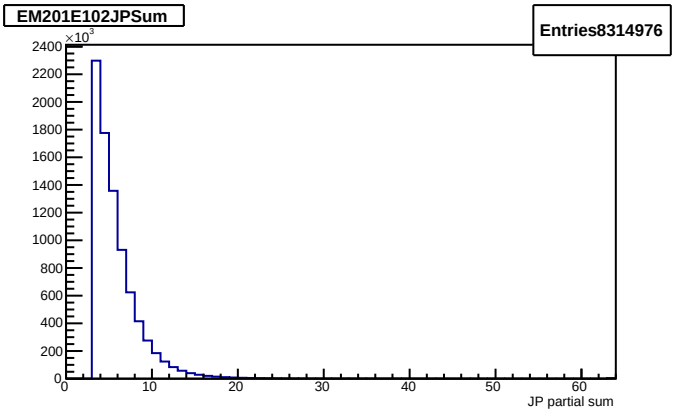

EM201E101JPId
Entries 0
simu
data

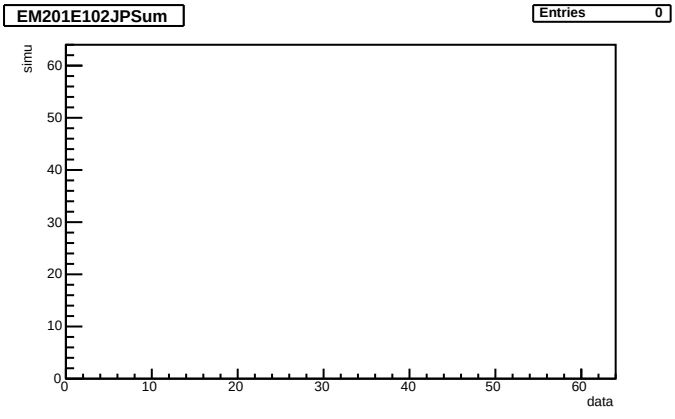

EM201E101Bits
Entries 4.157488e+07
162032
160390
177377
42880
19413
8.15294e+06
8.15459e+06
8.1376e+06
8.2721e+06
8.29556e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

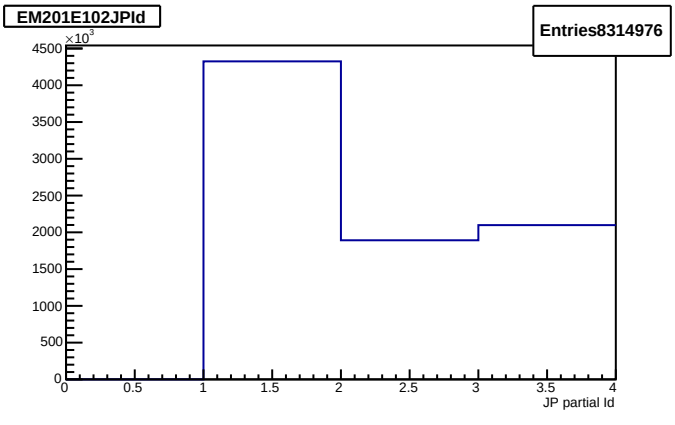

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

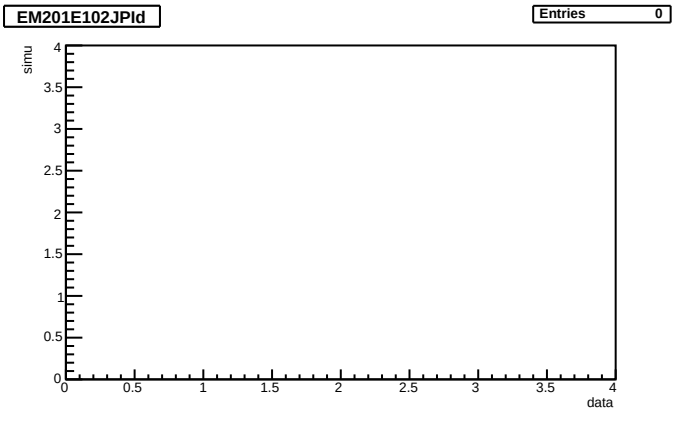

EM201E102JPThBits
Entries8314976
JP th bits

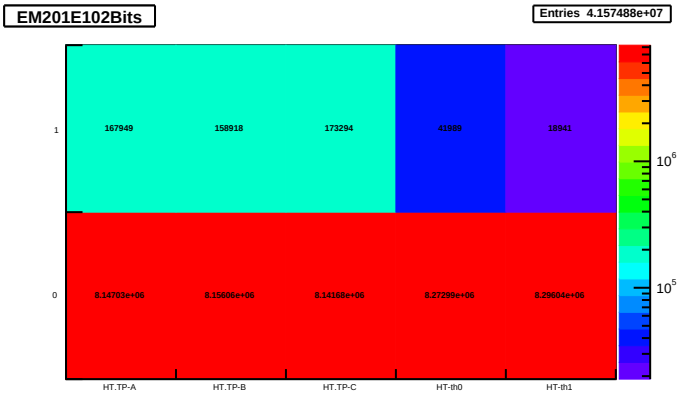

EM201E102JPThBits
Entries 0
simu
data

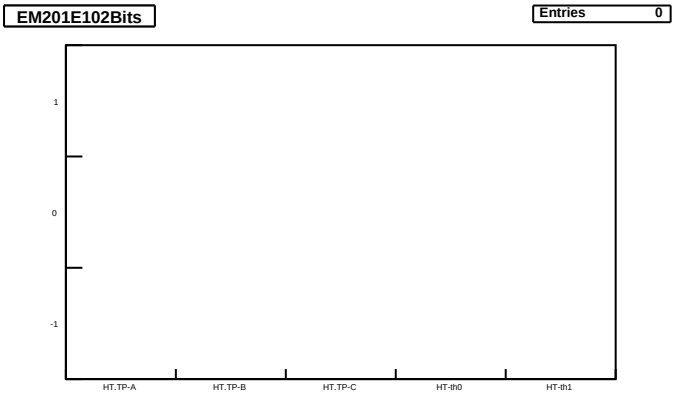

EM201E102JPSum
Entries8314976
JP partial sum

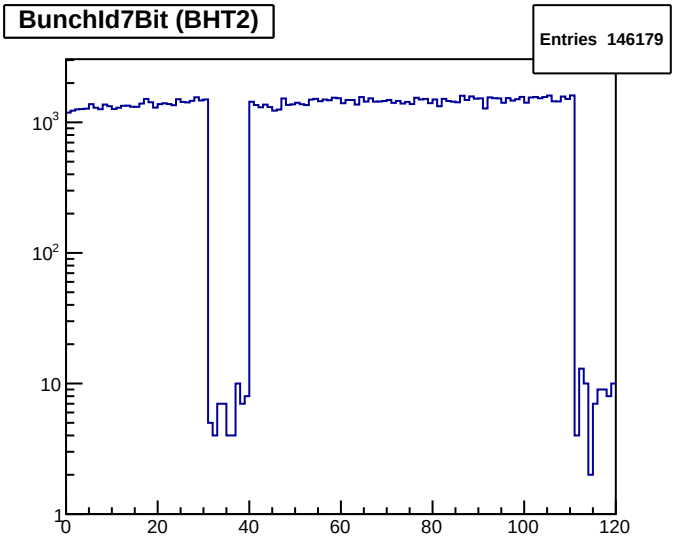

EM201E102JPSum
Entries 0
simu
data

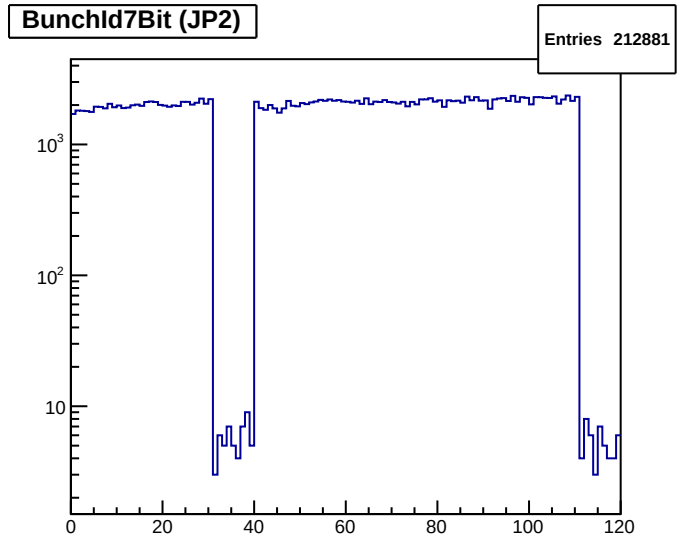

EM201E102JPId
Entries8314976
JP partial Id

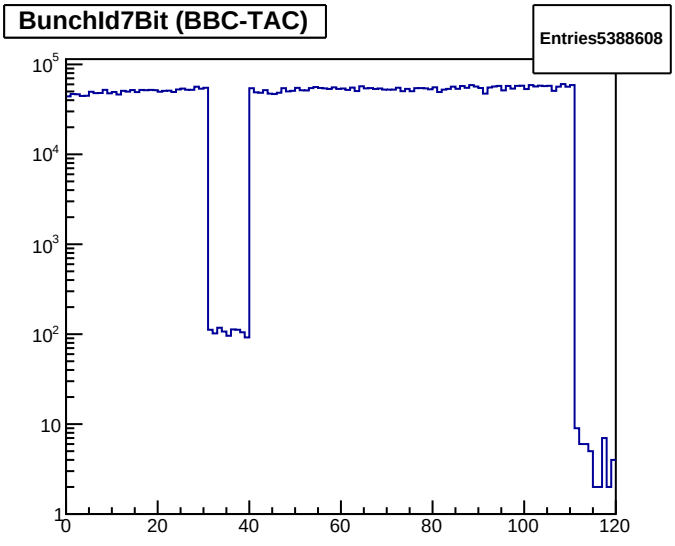

EM201E102JPId
Entries 0
simu
data

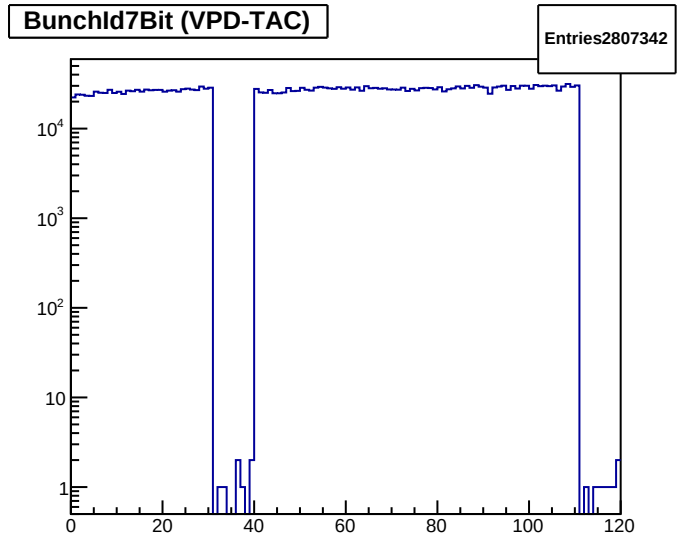

EM201E102Bits
Entries 4.157488e+07
167949
158918
173294
41989
18941
8.14703e+06
8.15606e+06
8.14168e+06
8.27299e+06
8.29604e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

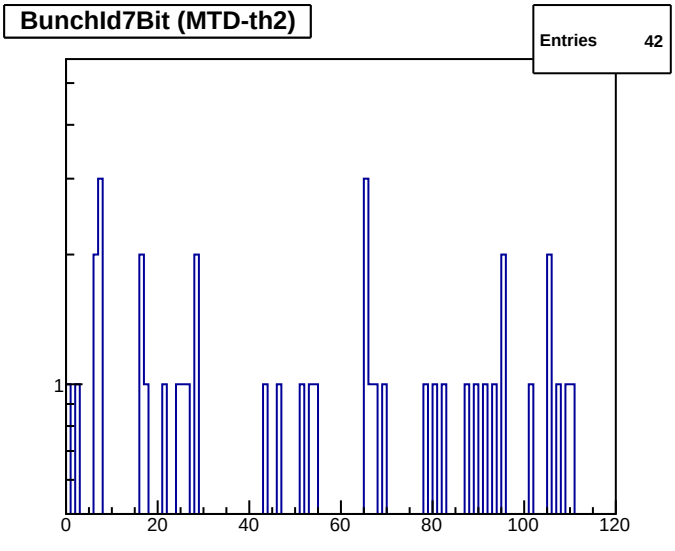

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

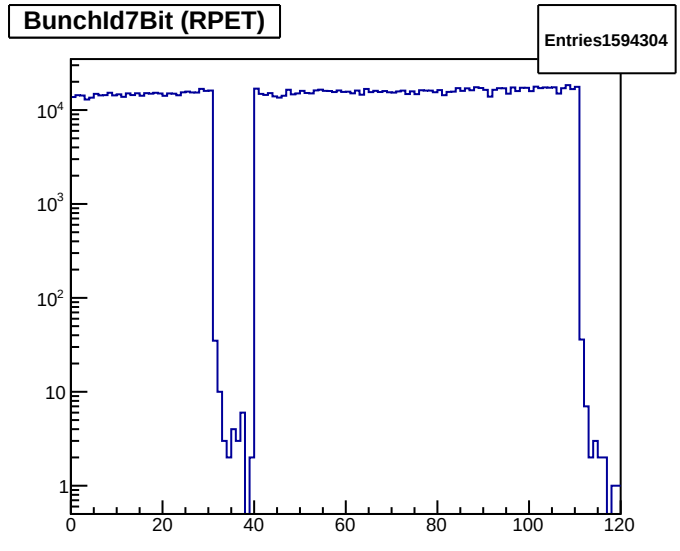

BunchId7Bit (BHT2)
Entries 146179

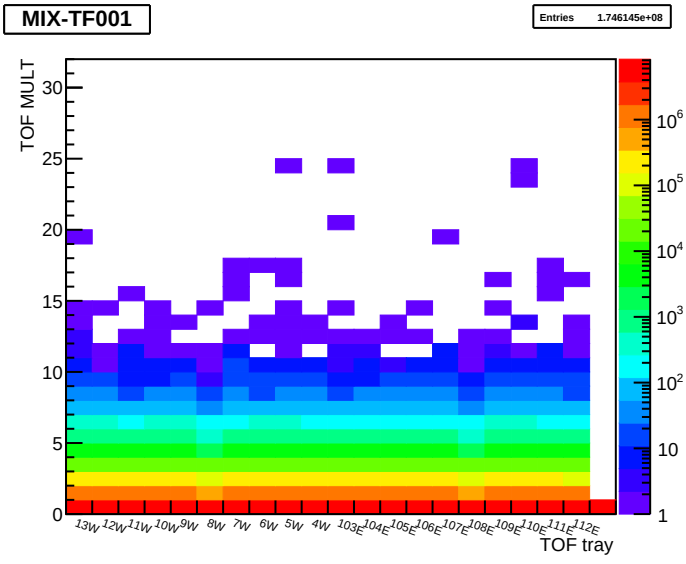

BunchId7Bit (JP2)
Entries 212881

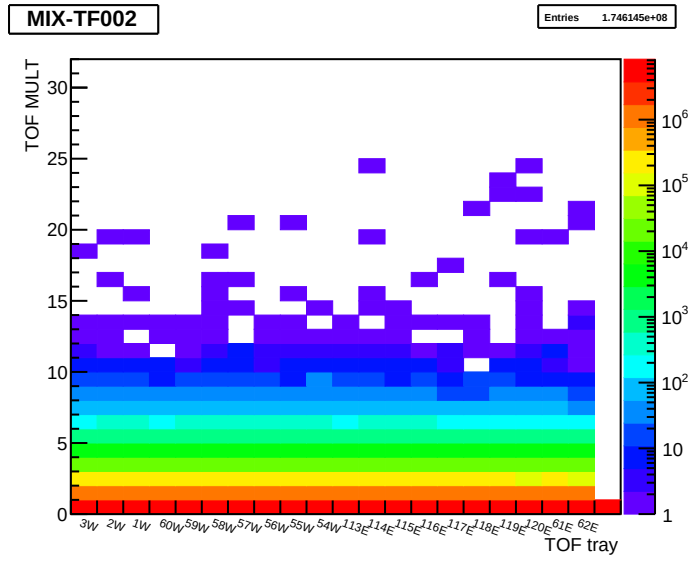

BunchId7Bit (BBC-TAC)
Entries5388608

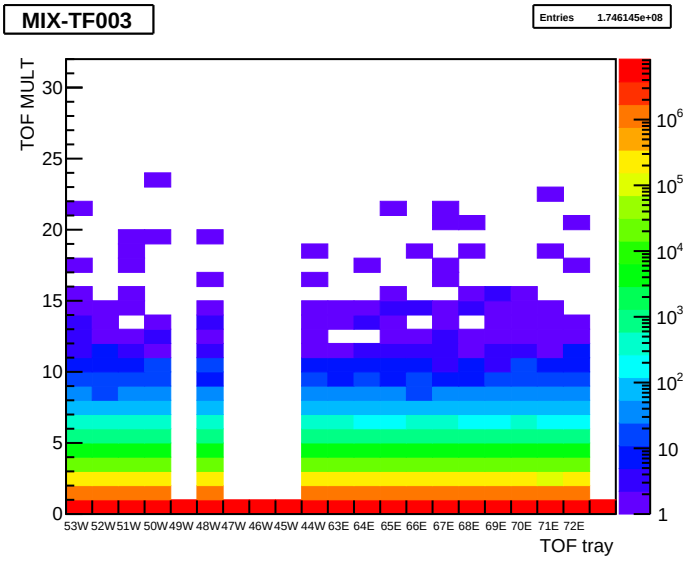

BunchId7Bit (VPD-TAC)
Entries2807342

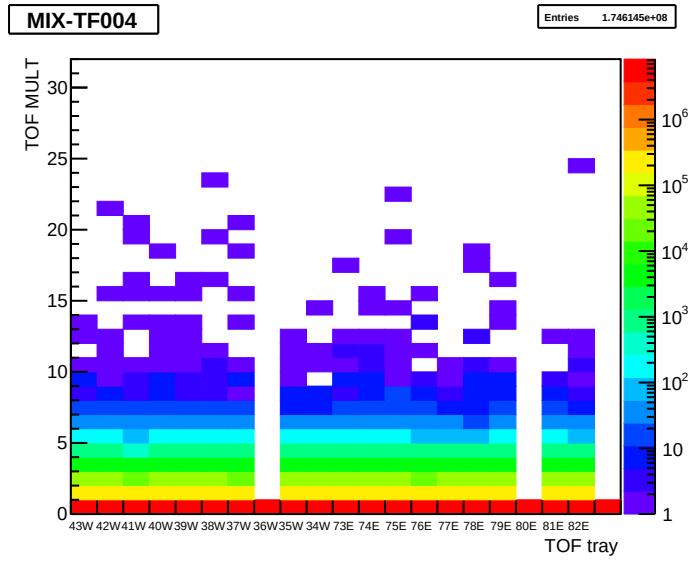

BunchId7Bit (MTD-th2)
Entries 42

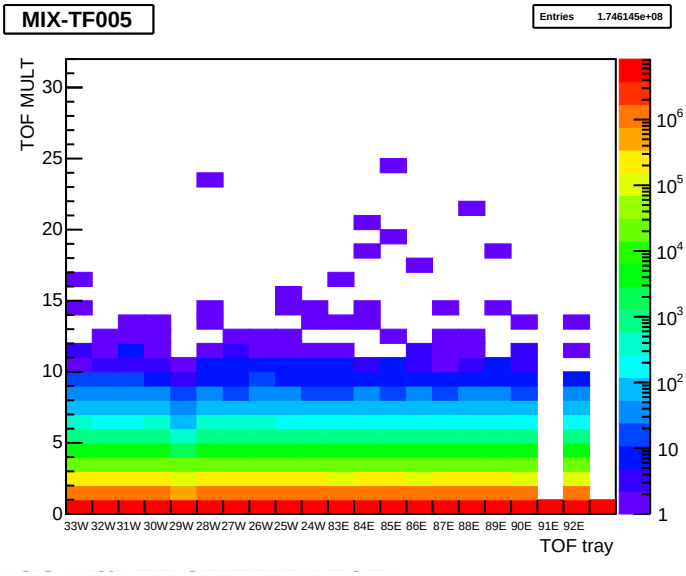

BunchId7Bit (RPET)
Entries1594304

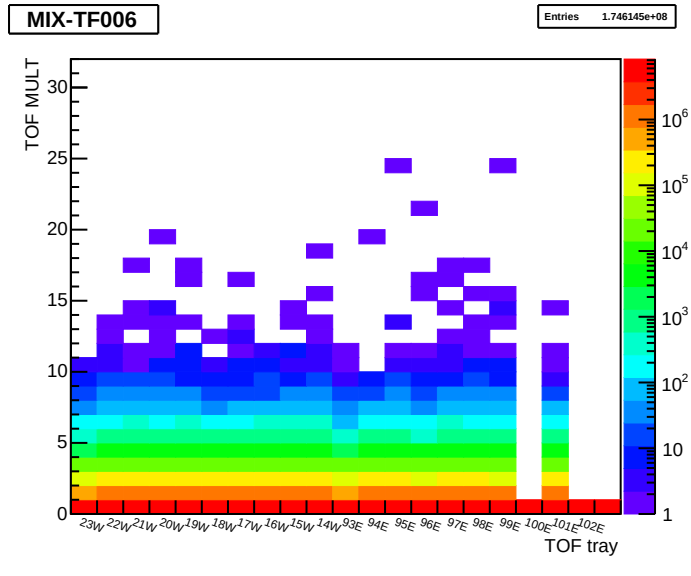

MIX-TF001
Entries 1.746145e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

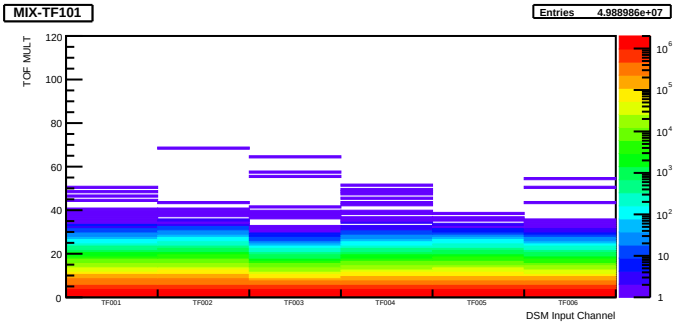

MIX-TF002
Entries 1.746145e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

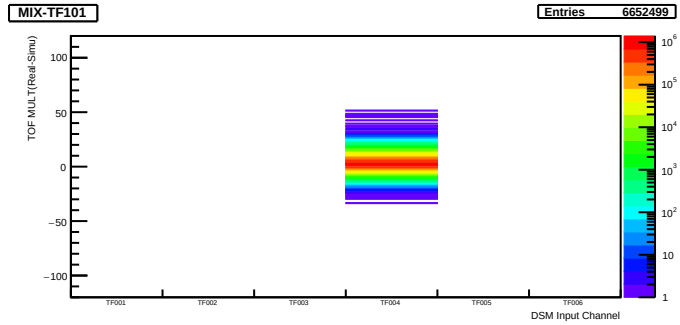

MIX-TF003
Entries 1.746145e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

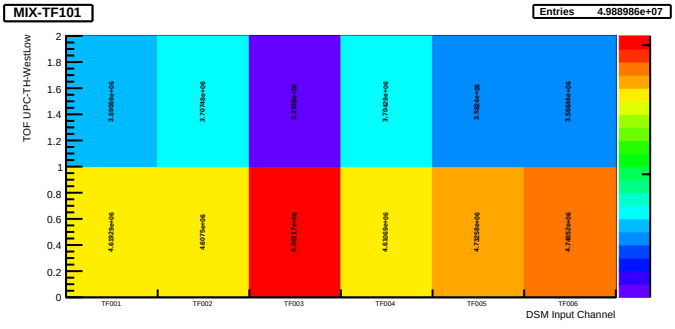

MIX-TF004
Entries 1.746145e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

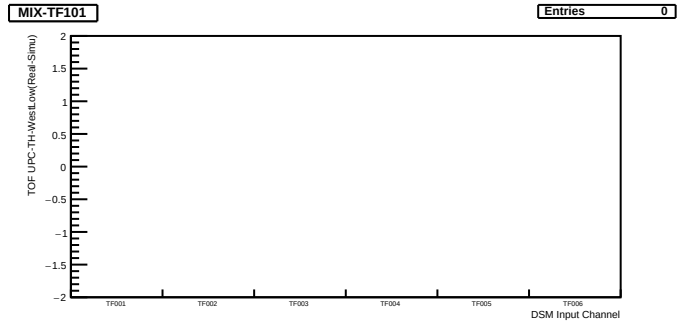

MIX-TF005
Entries 1.746145e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

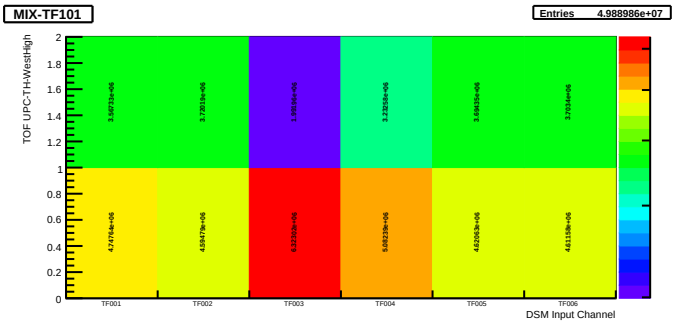

MIX-TF006
Entries 1.746145e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

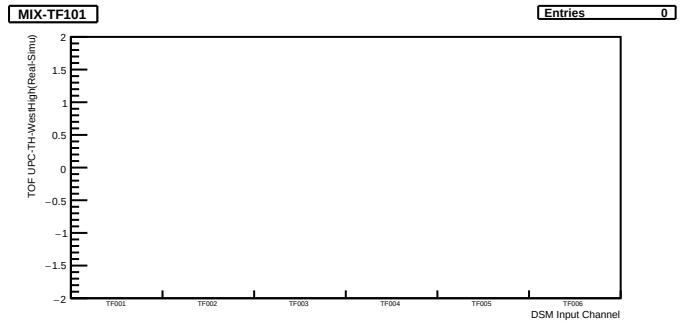

MIX-TF101
Entries 4.988986e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

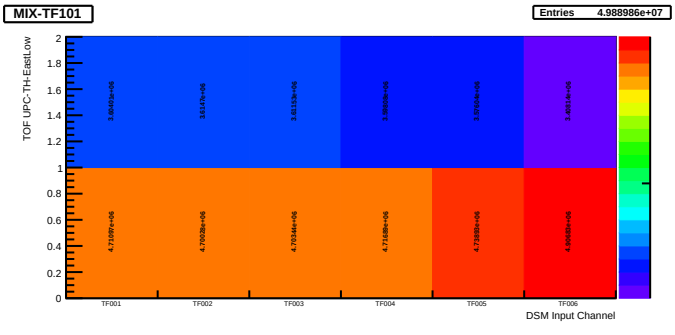

MIX-TF101
Entries 6652499
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

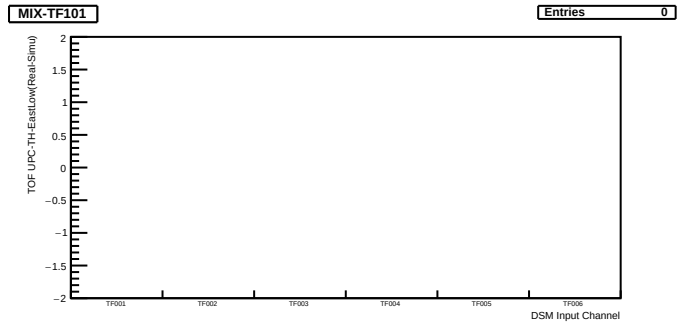

MIX-TF101
Entries 4.988986e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

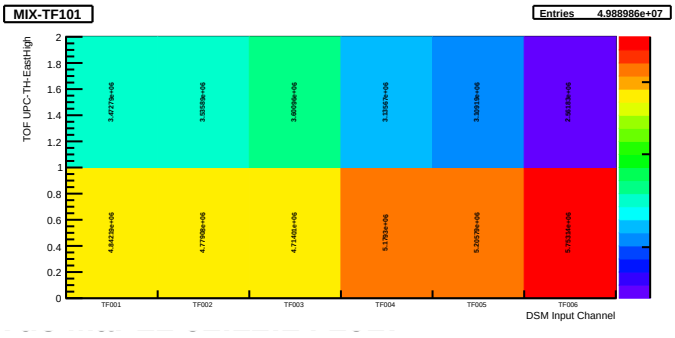

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

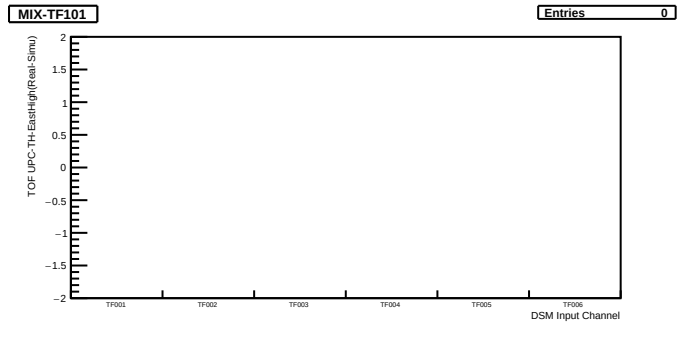

MIX-TF101
Entries 4.988986e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

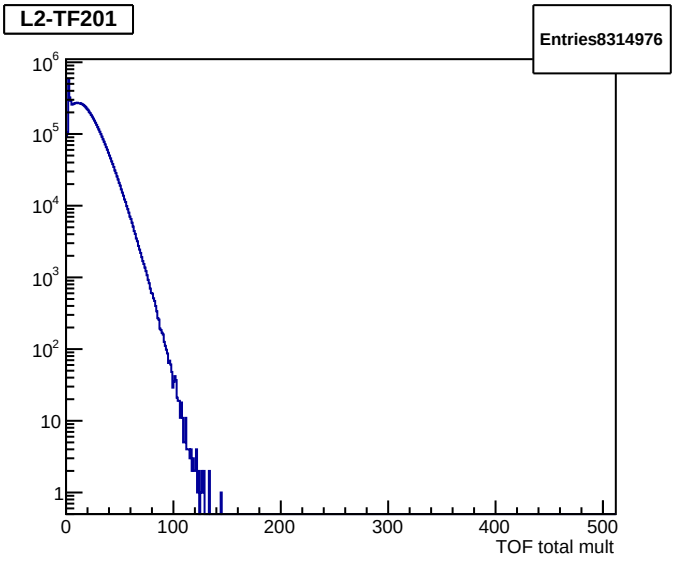

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

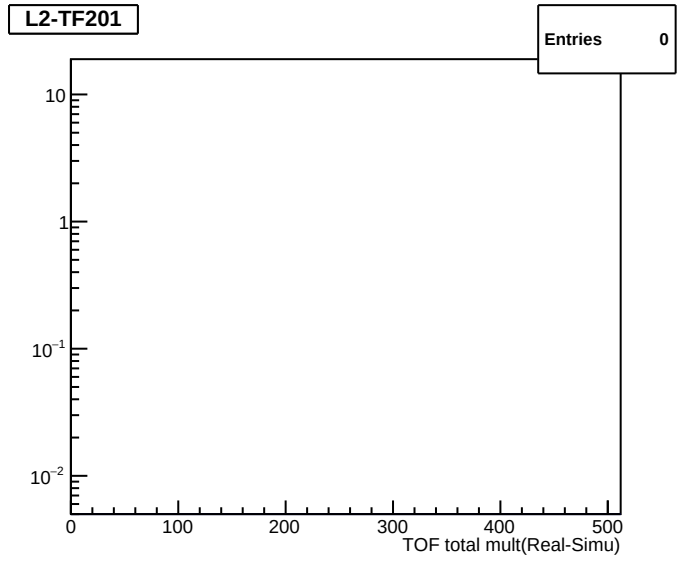

MIX-TF101
Entries 4.988986e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

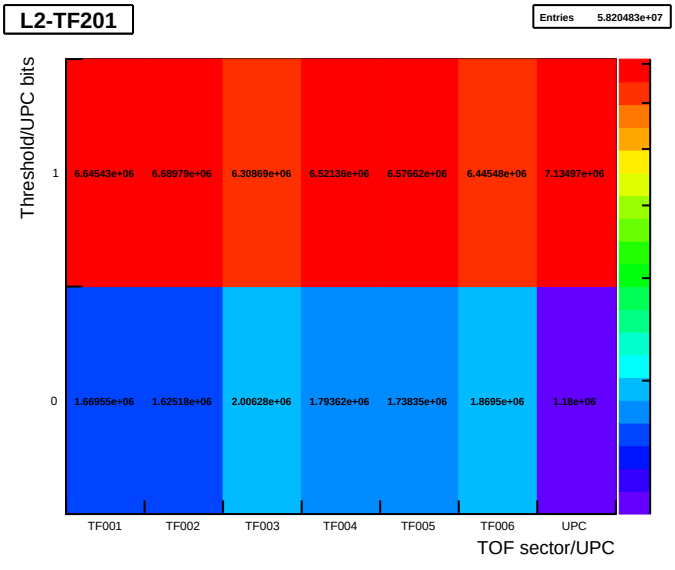

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

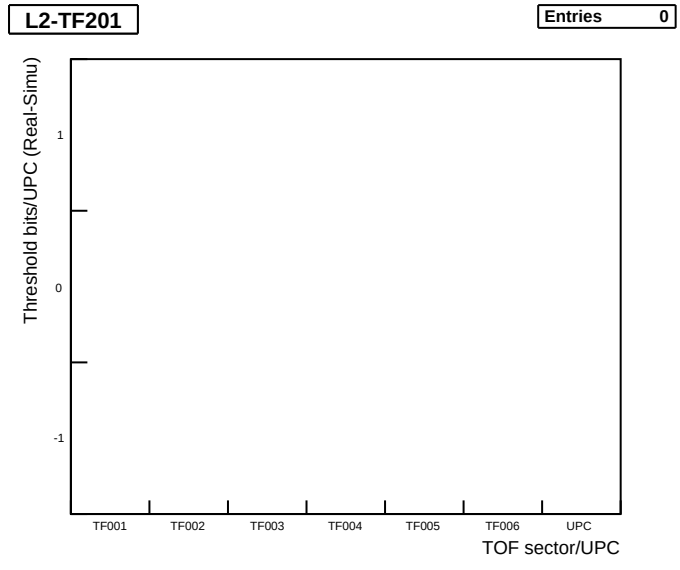

MIX-TF101
Entries 4.988986e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

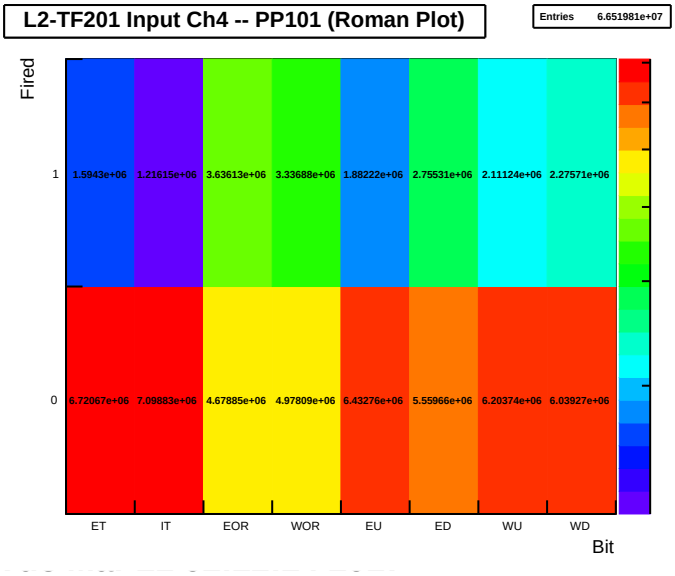

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

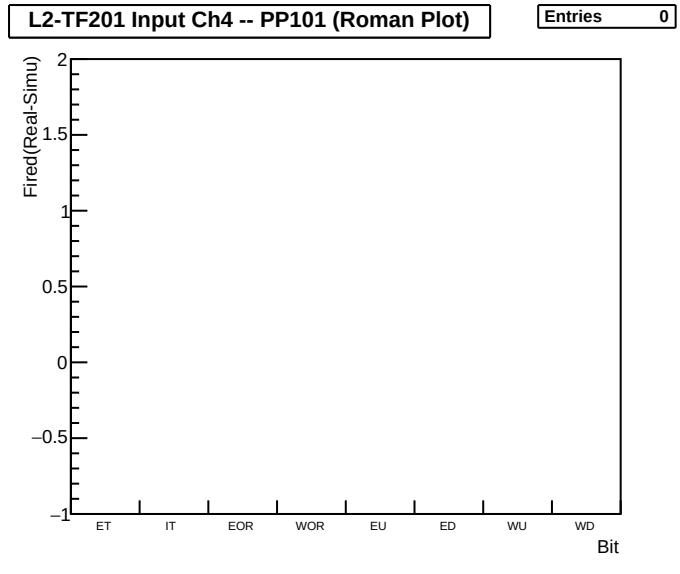

L2-TF201
Entries8314976
TOF total mult

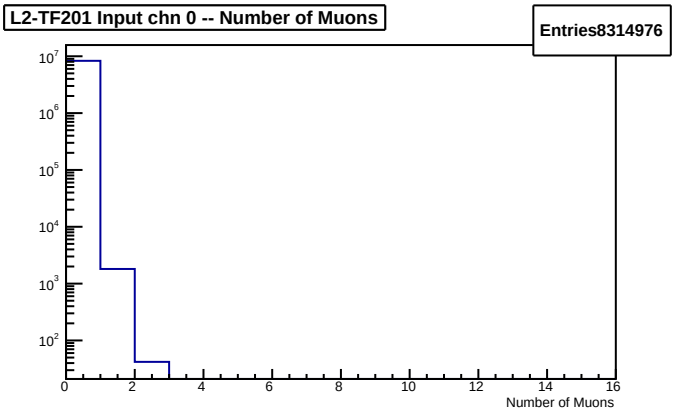

L2-TF201
Entries 0
TOF total mult(Real-Simu)

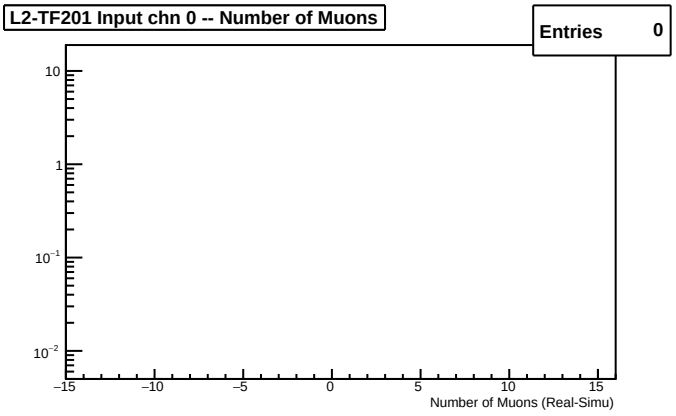

L2-TF201
Entries 5.820483e+07
Threshold/UPC bits
6.64543e+06 6.68979e+06 6.30869e+06 6.52136e+06 6.57662e+06 6.44548e+06 7.13497e+06
1.66955e+06 1.62518e+06 2.00628e+06 1.79362e+06 1.73835e+06 1.8695e+06 1.18e+06
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

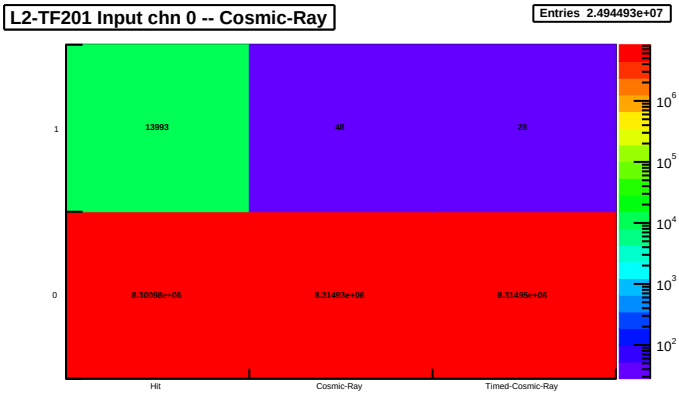

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

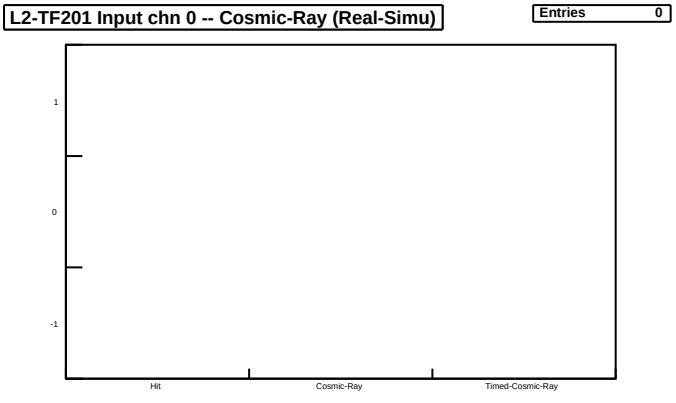

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 6.651981e+07
Fired
1.5943e+06 1.21615e+06 3.63613e+06 3.33688e+06 1.88222e+06 2.75531e+06 2.11124e+06 2.27571e+06
6.72067e+06 7.09883e+06 4.67885e+06 4.97809e+06 6.43276e+06 5.55966e+06 6.20374e+06 6.03927e+06
ET IT EOR WOR EU ED WU WD
Bit

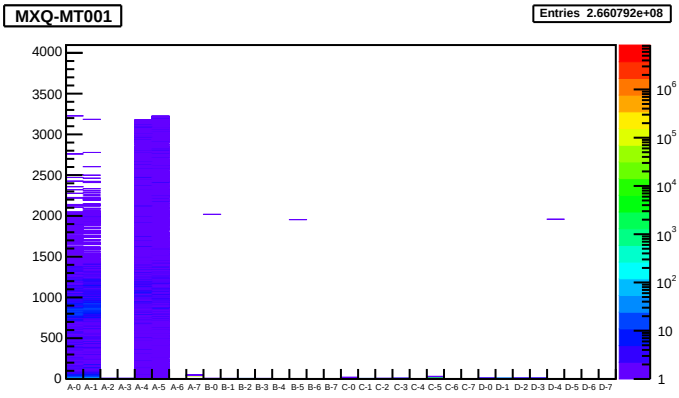

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

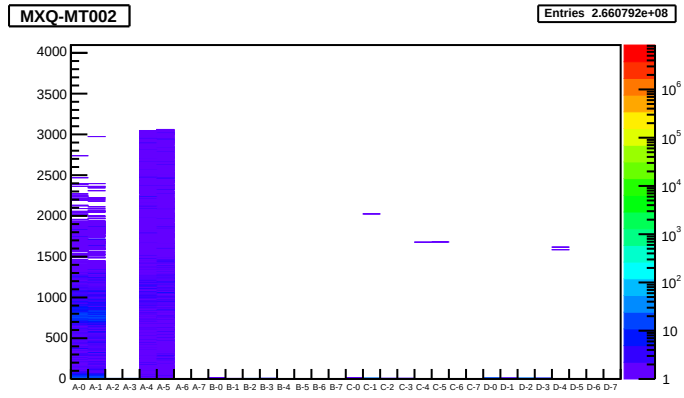

L2-TF201 Input chn 0 -- Number of Muons
Entries8314976
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.494493e+07
13993
48
28
8.30098e+06
8.31493e+06
8.31495e+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 2.660792e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 2.660792e+08
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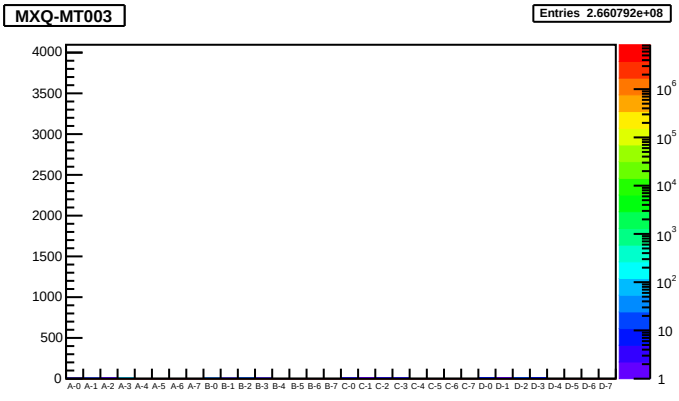
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 2.660792e+08
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3500
3000
2500
2000
1500
1000
500
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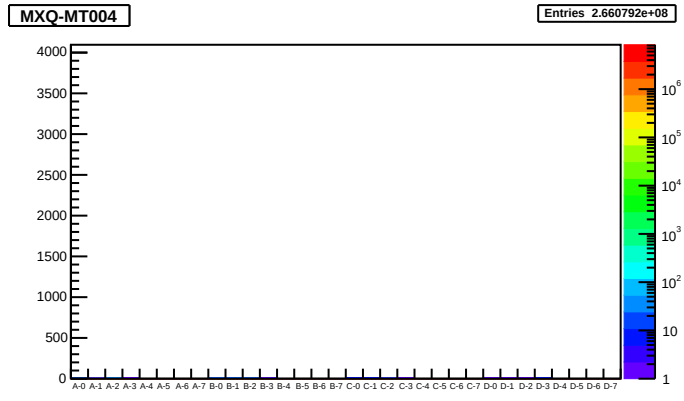
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 2.660792e+08
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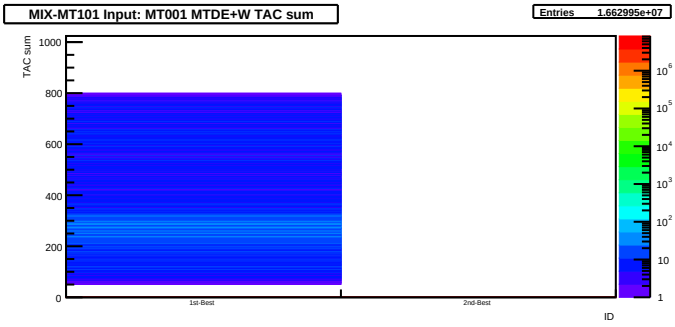
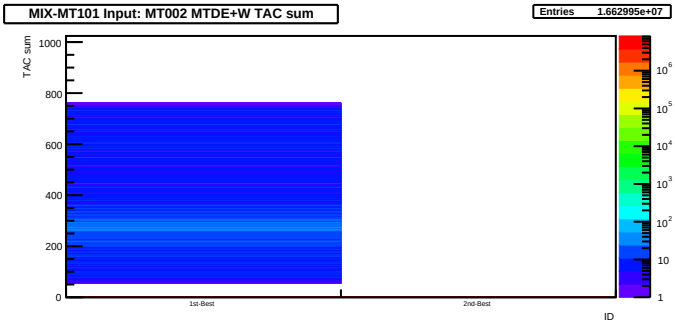
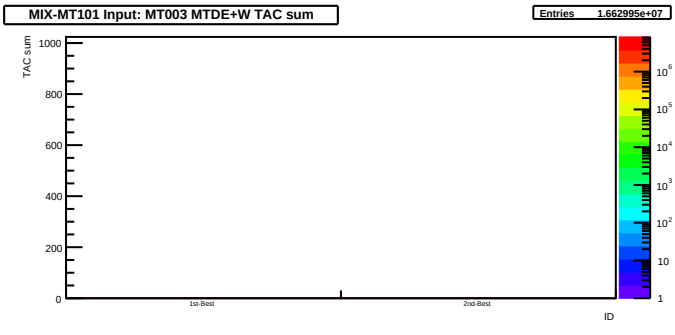
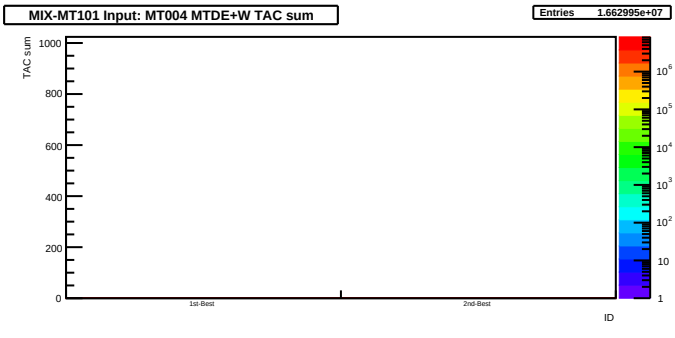
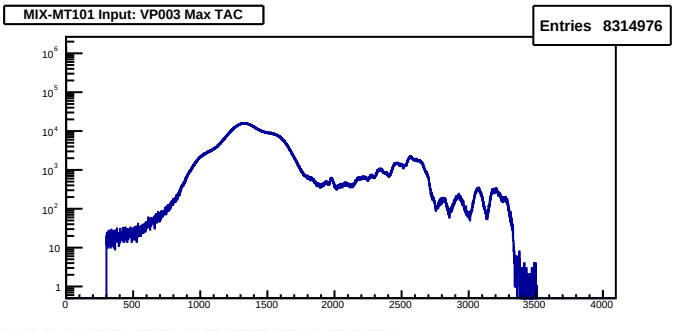
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

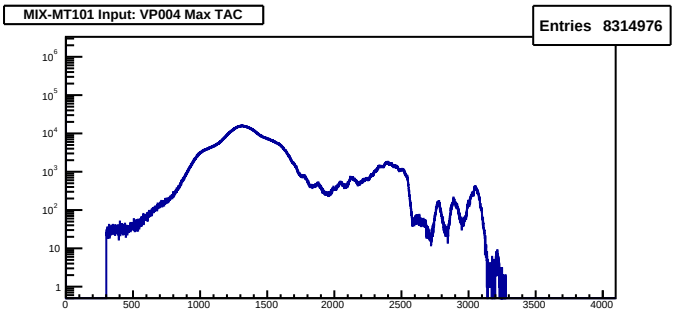

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.662995e+07
TAC sum
1st-Best
2nd-Best
ID

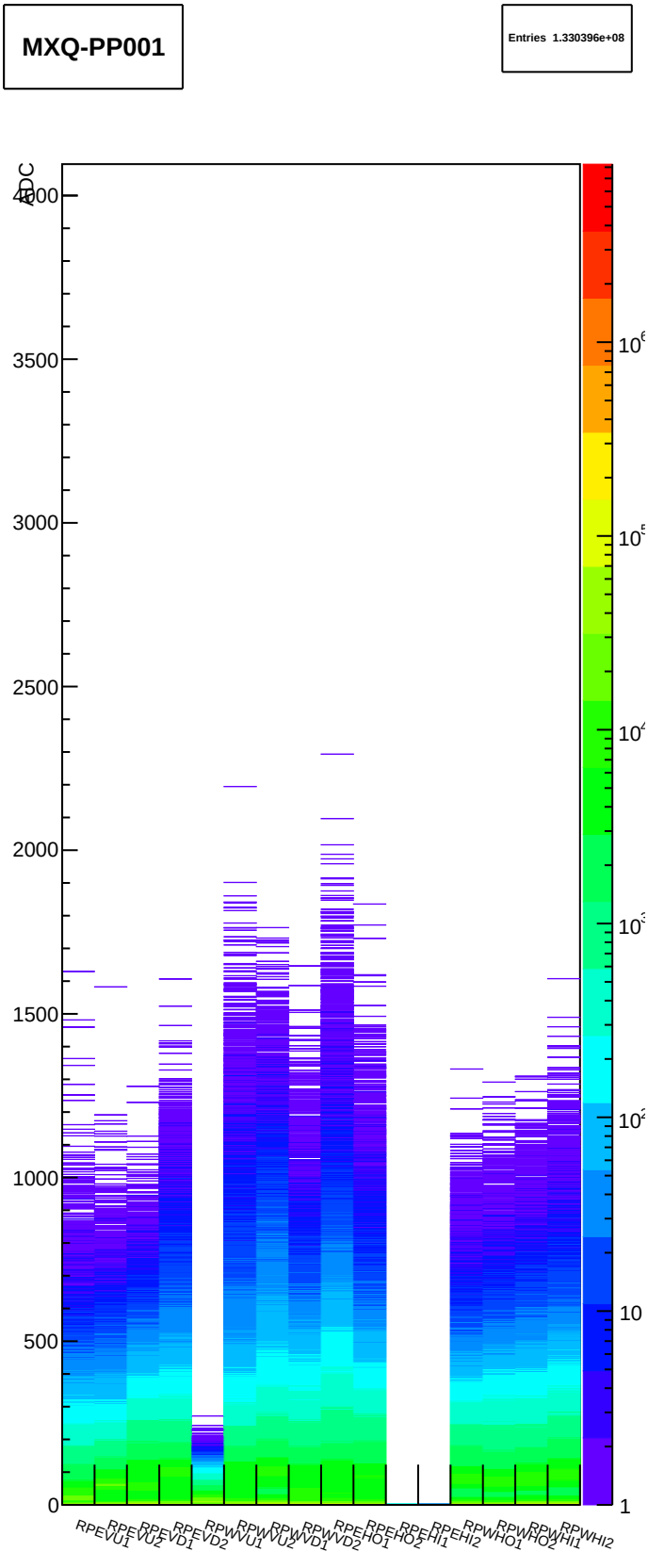

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.662995e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.662995e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.662995e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 8314976


MIX-MT101 Input: VP004 Max TAC
Entries 8314976


MXQ-PP001
Entries 1.330396e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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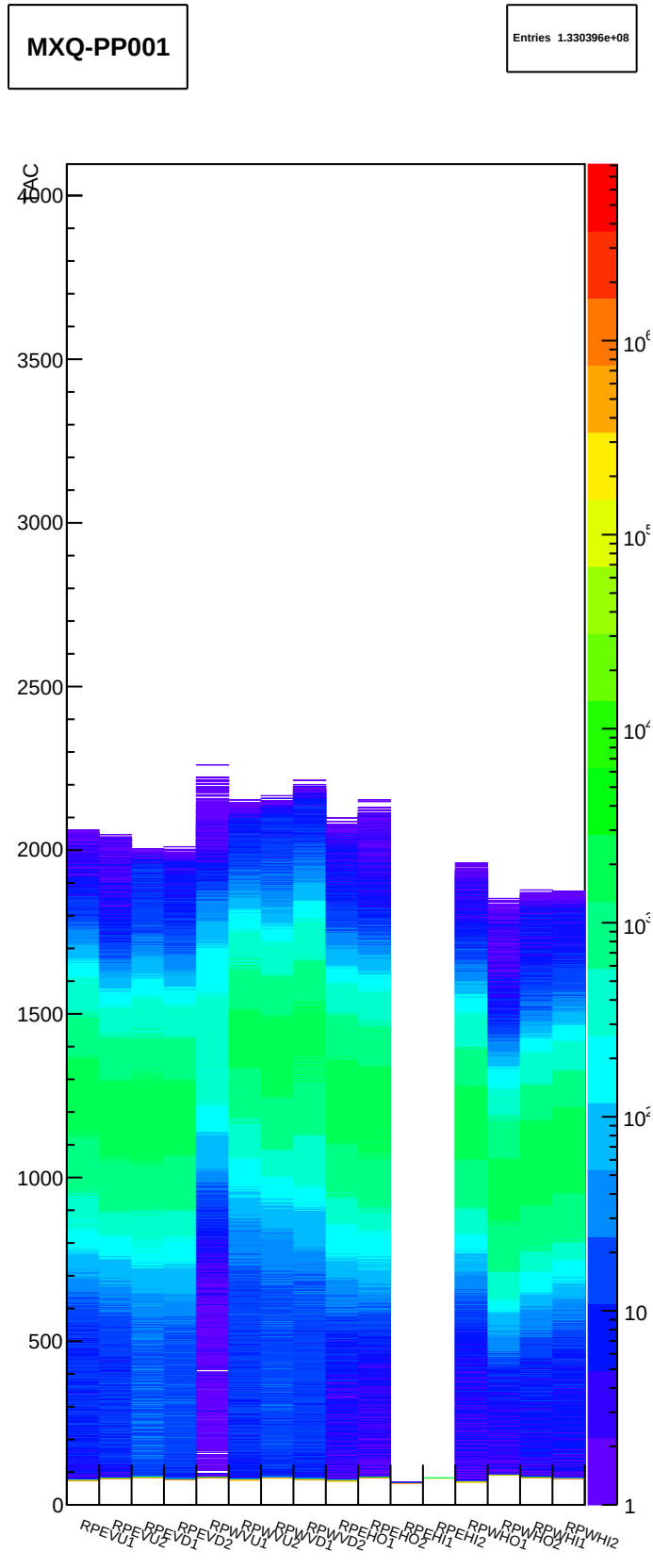
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 1.330396e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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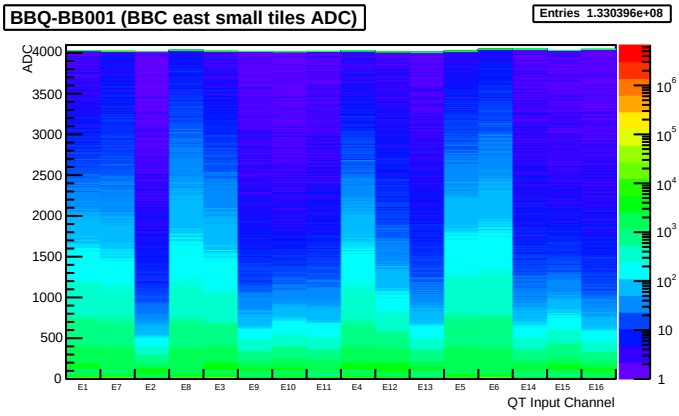
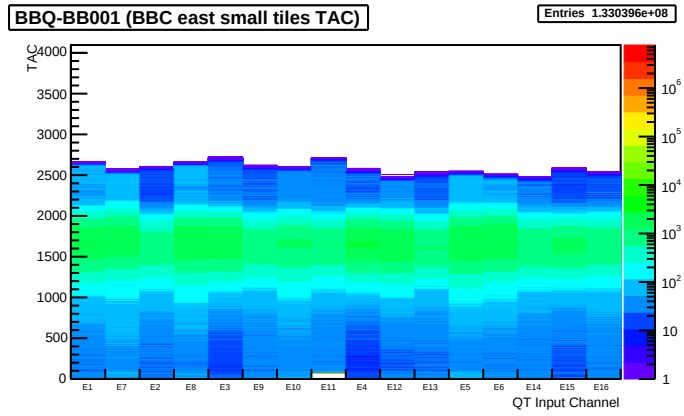
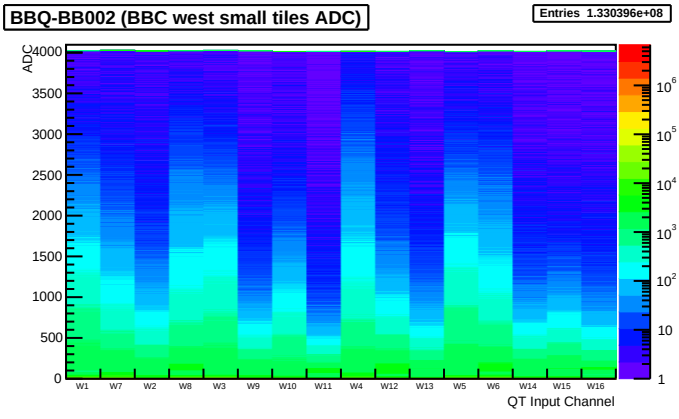
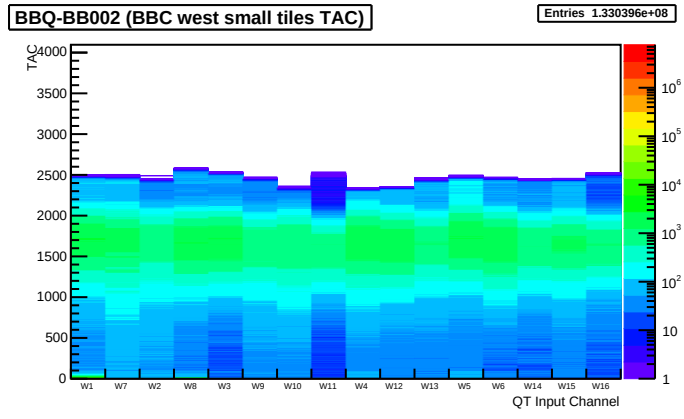
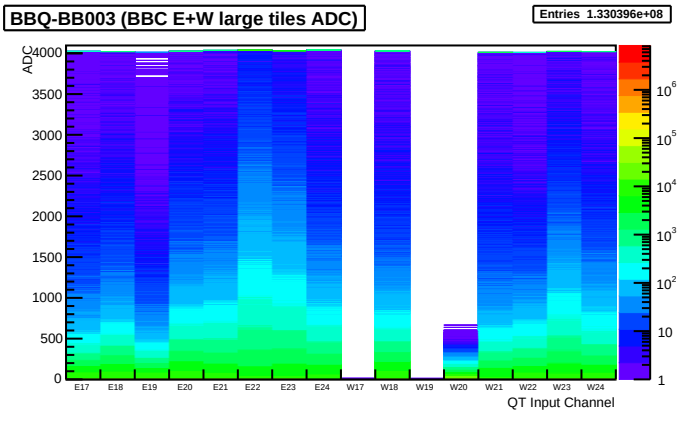
10^4
10^3
10^2
10
1

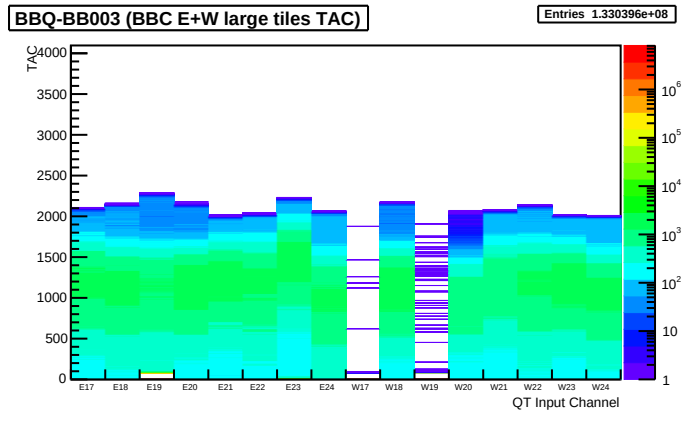

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.330396e+08
ADC
QT Input Channel

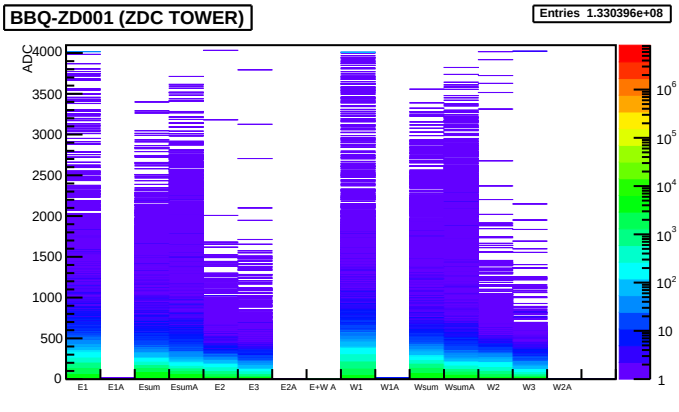

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.330396e+08
TAC
QT Input Channel

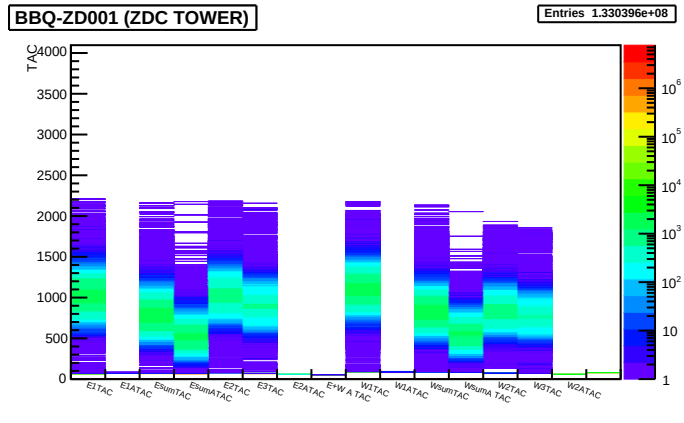

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.330396e+08
ADC
QT Input Channel

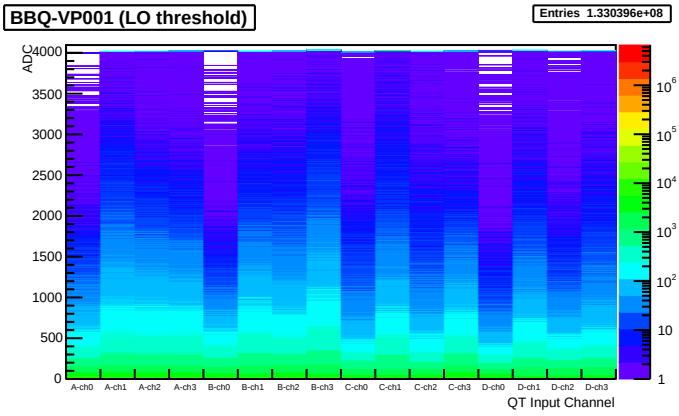

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.330396e+08
TAC
QT Input Channel

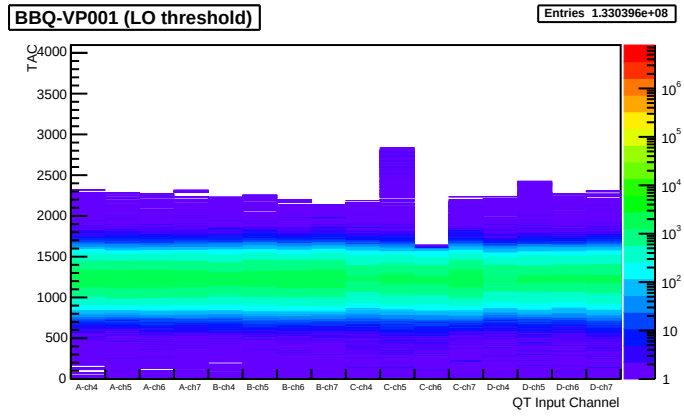

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.330396e+08
ADC
QT Input Channel

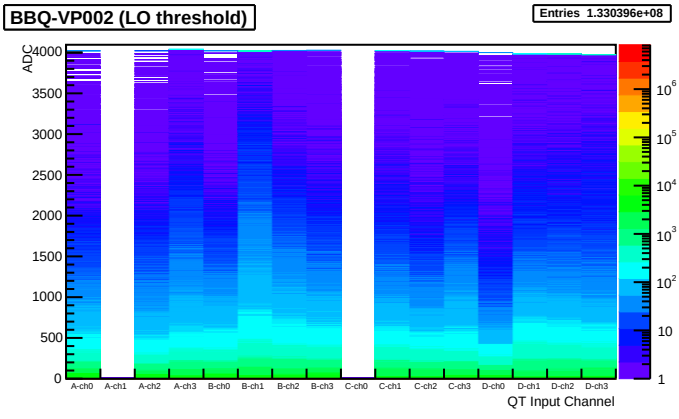

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.330396e+08
TAC
QT Input Channel

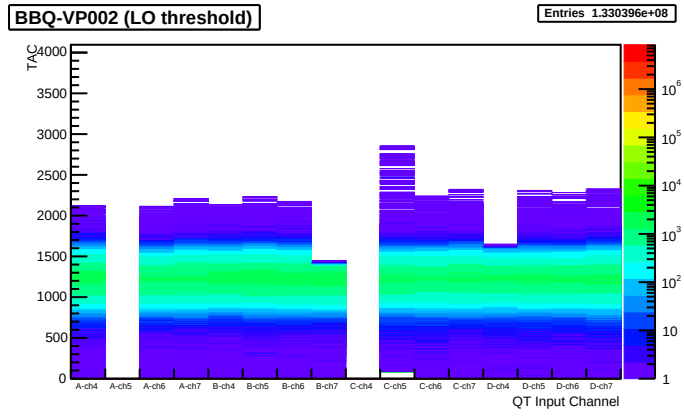

BBQ-ZD001 (ZDC TOWER)
Entries 1.330396e+08
ADC

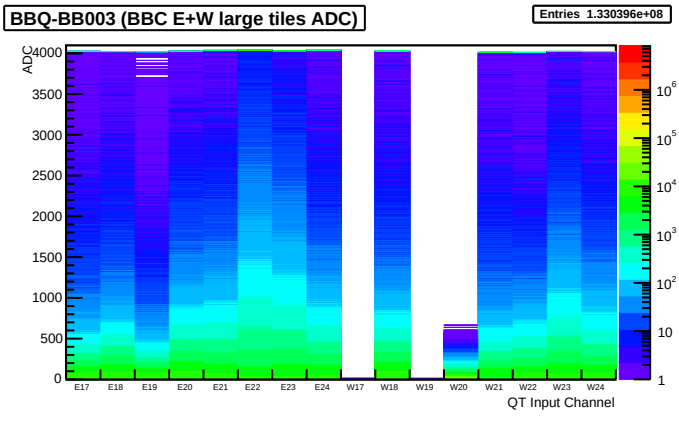

BBQ-ZD001 (ZDC TOWER)
Entries 1.330396e+08
TAC

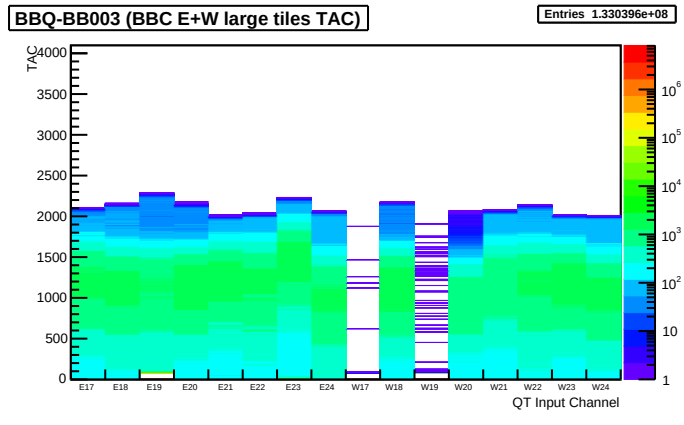

BBQ-VP001 (LO threshold)
Entries 1.330396e+08
ADC
QT Input Channel

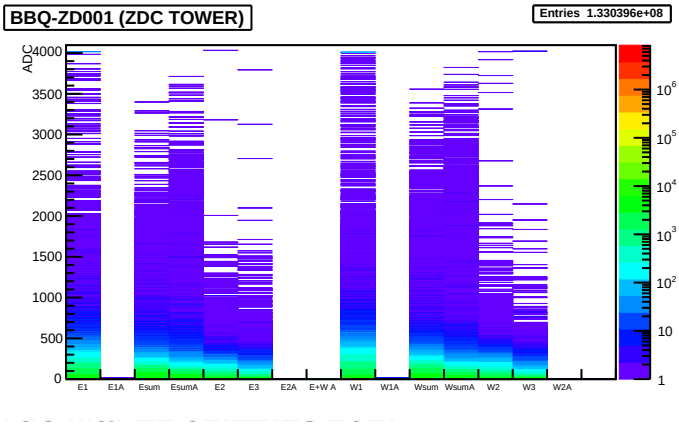

BBQ-VP001 (LO threshold)
Entries 1.330396e+08
TAC
QT Input Channel

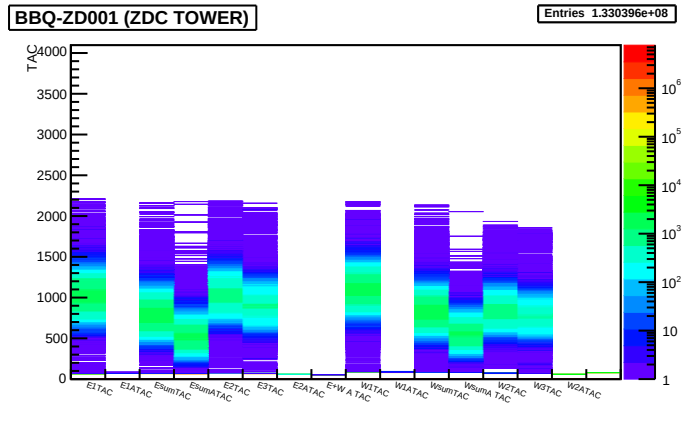

BBQ-VP002 (LO threshold)
Entries 1.330396e+08
ADC
QT Input Channel

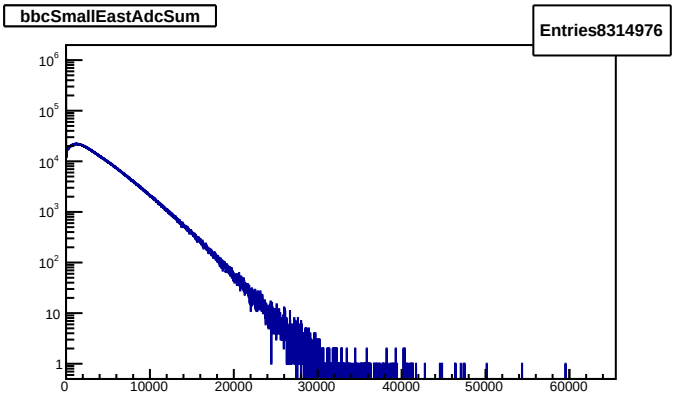

BBQ-VP002 (LO threshold)
Entries 1.330396e+08
TAC
QT Input Channel

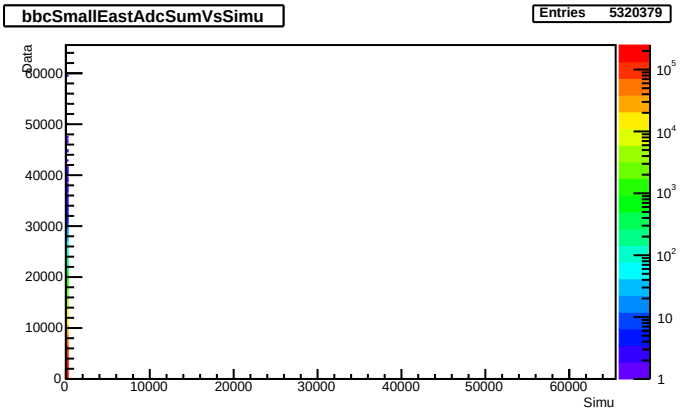

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.330396e+08
ADC
QT Input Channel

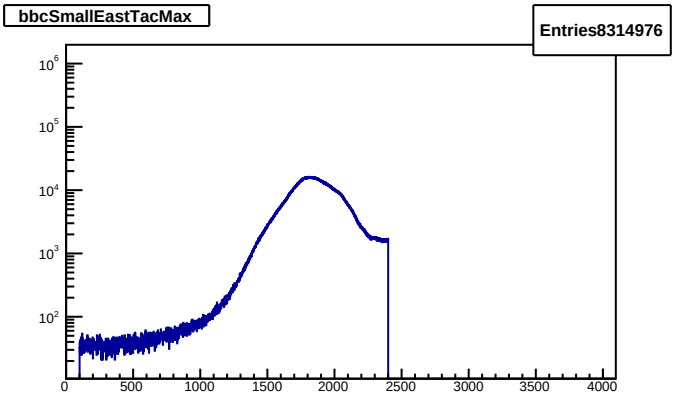

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.330396e+08
TAC
QT Input Channel

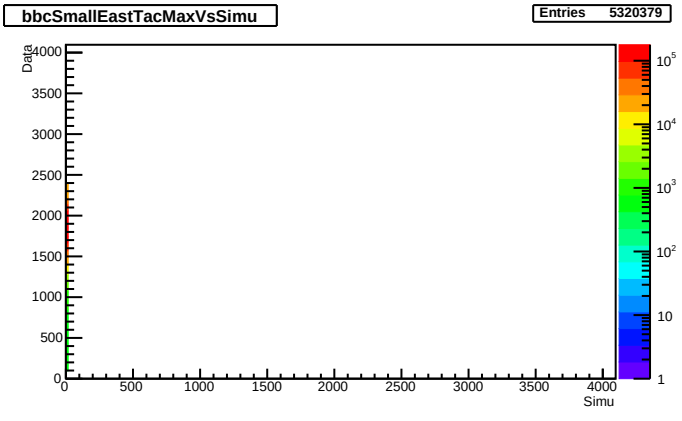

BBQ-ZD001 (ZDC TOWER)
Entries 1.330396e+08
ADC

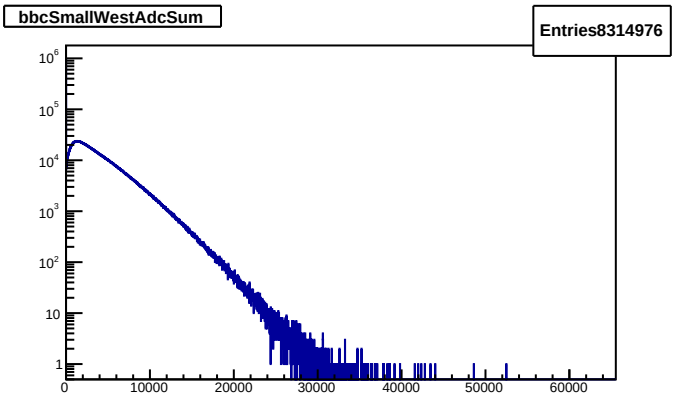

BBQ-ZD001 (ZDC TOWER)
Entries 1.330396e+08
TAC

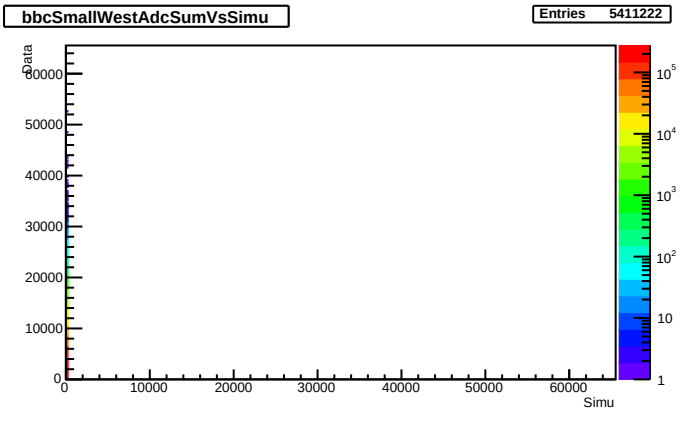

bbcSmallEastAdcSum
Entries8314976

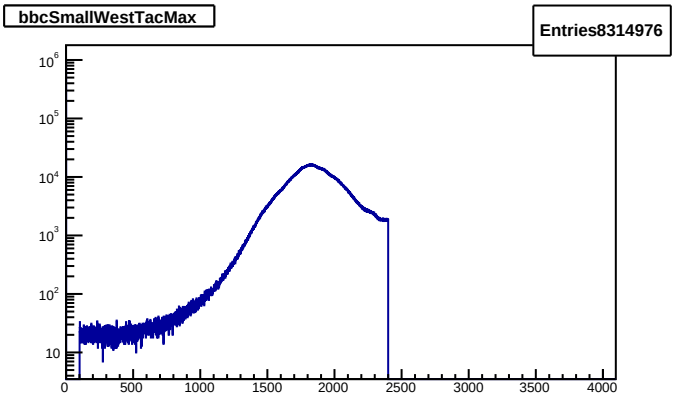

bbcSmallEastAdcSumVsSimu
Entries 5320379
Data
Simu

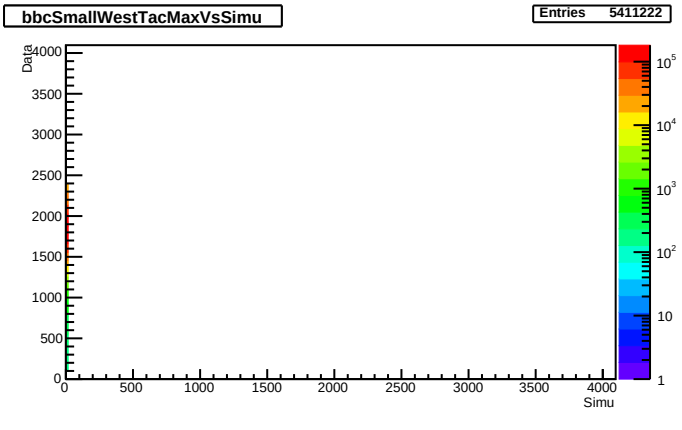

bbcSmallEastTacMax
Entries8314976

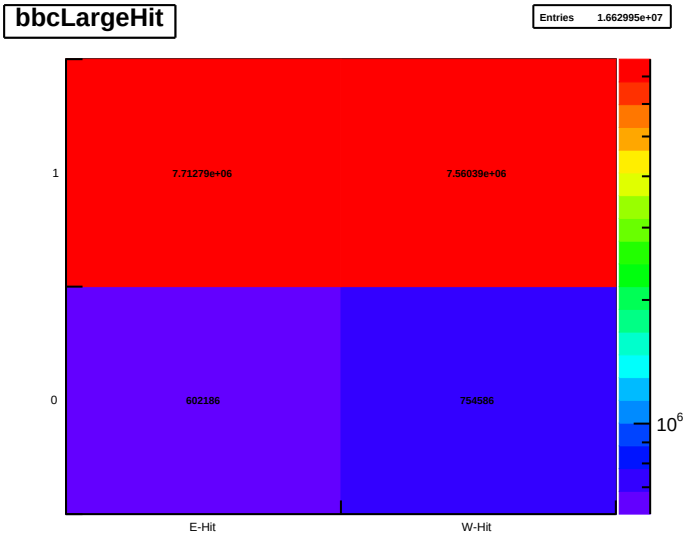

bbcSmallEastTacMaxVsSimu
Entries 5320379
Data
Simu

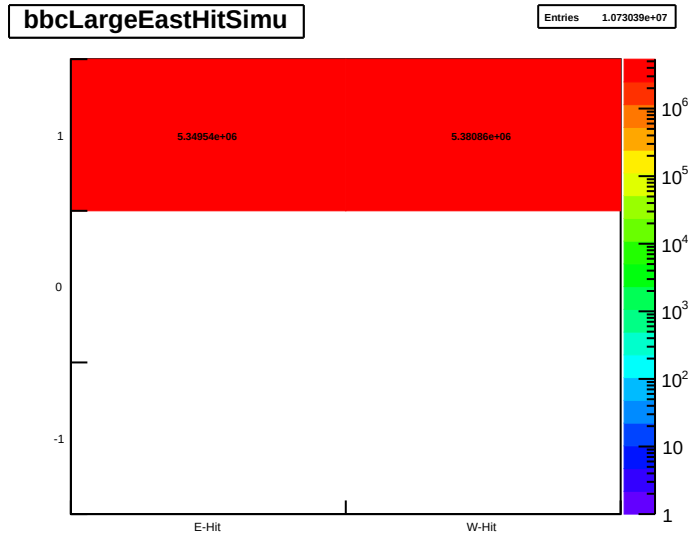

bbcSmallWestAdcSum
Entries8314976

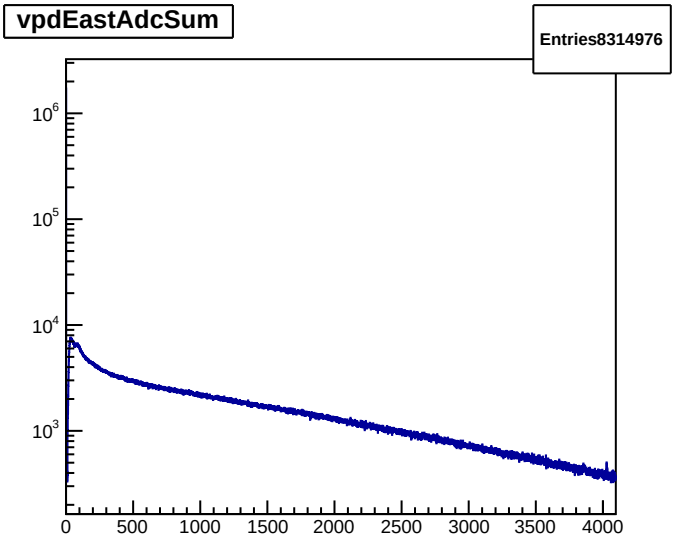

bbcSmallWestAdcSumVsSimu
Entries 5411222
Data
Simu

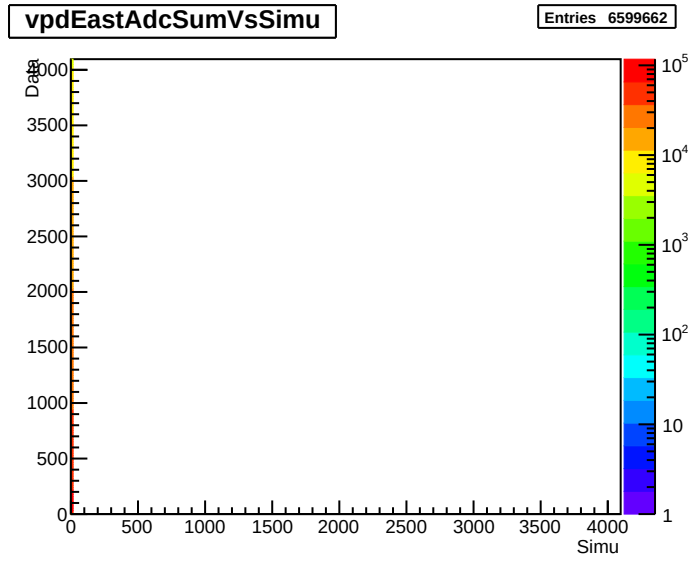

bbcSmallWestTacMax
Entries8314976

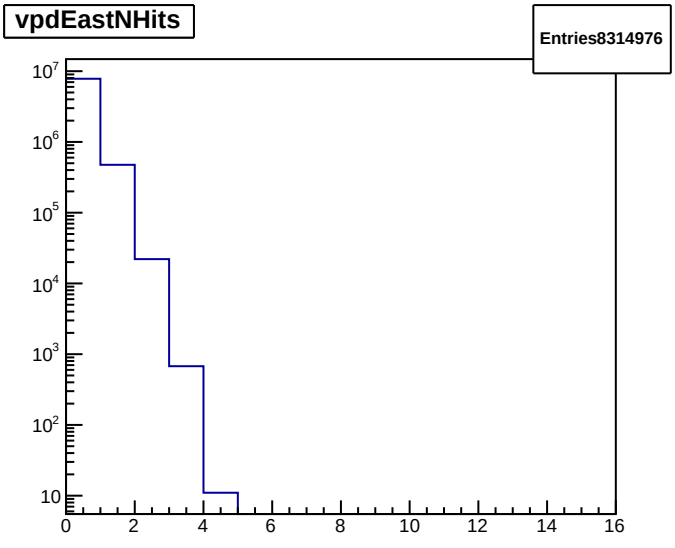

bbcSmallWestTacMaxVsSimu
Entries 5411222
Data
Simu

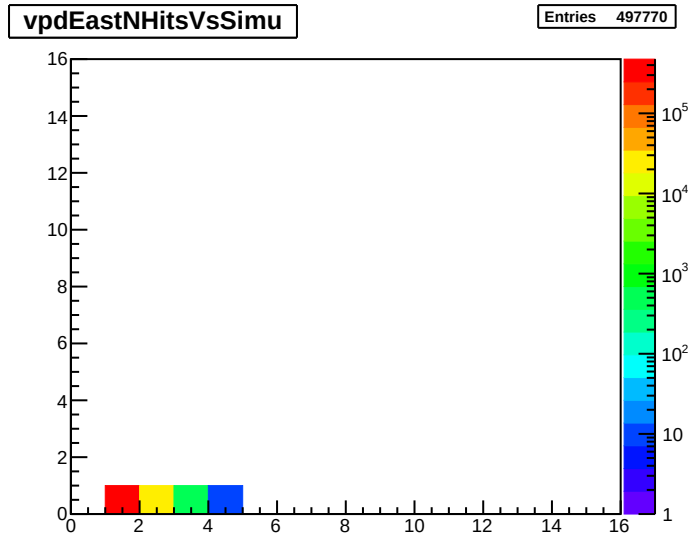

bbcLargeHit
Entries 1.662995e+07
7.71279e+06
7.56039e+06
602186
754586
1
0
E-Hit
W-Hit
10^6

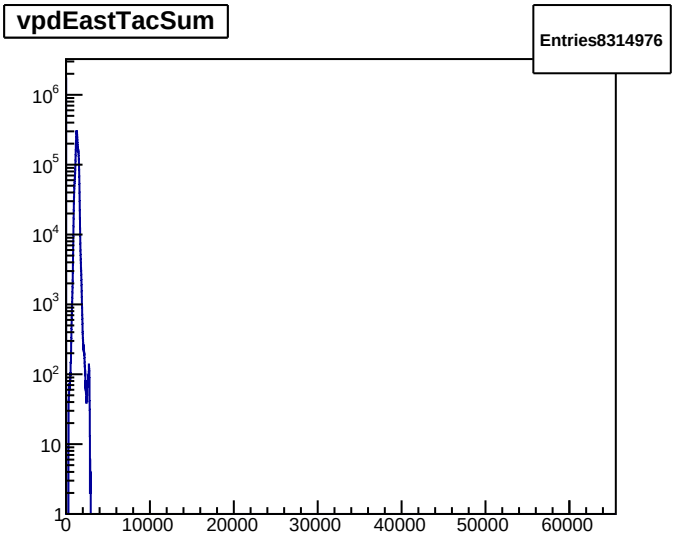

bbcLargeEastHitSimu
Entries 1.073039e+07
5.34954e+06
5.38086e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

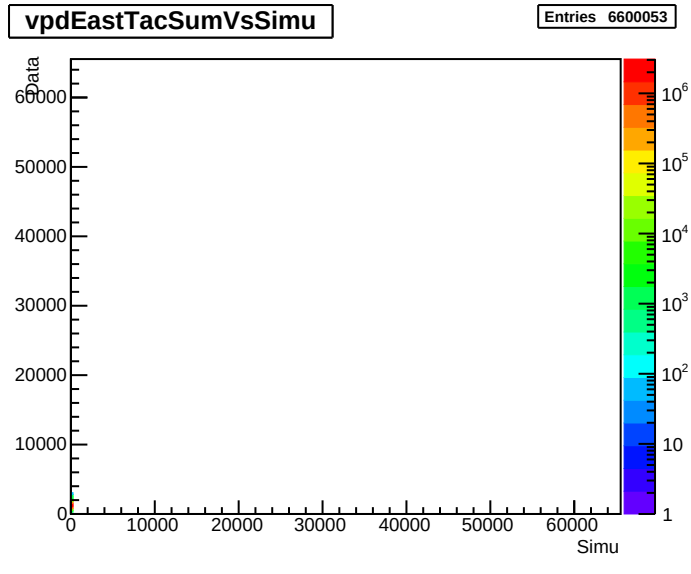

vpdEastAdcSum
Entries8314976

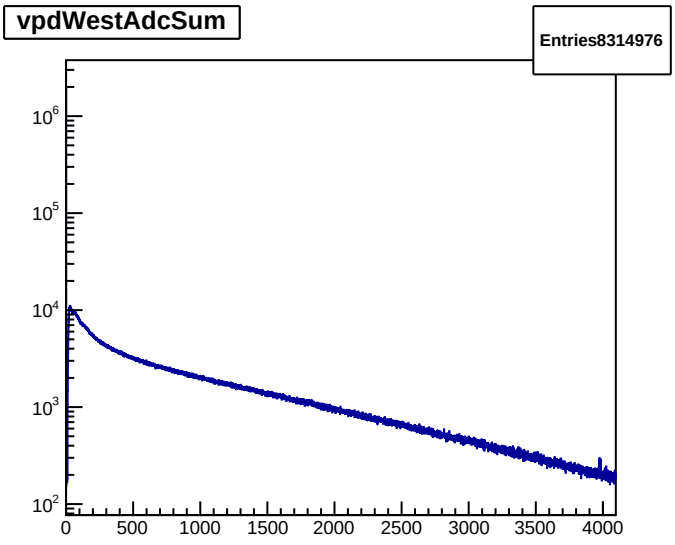

vpdEastAdcSumVsSimu
Entries 6599662
Data
Simu

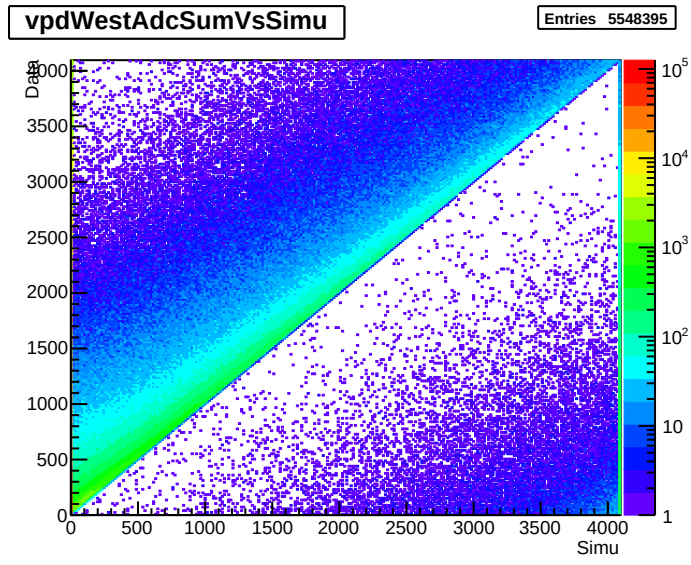

vpdEastNHits
Entries8314976

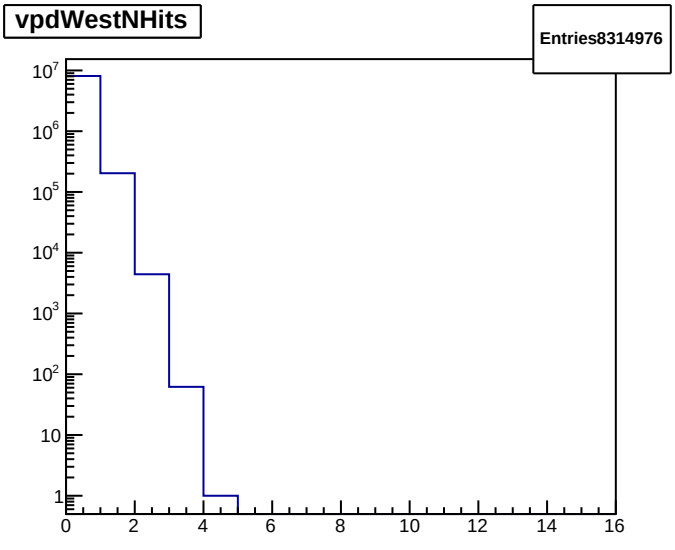

vpdEastNHitsVsSimu
Entries 497770

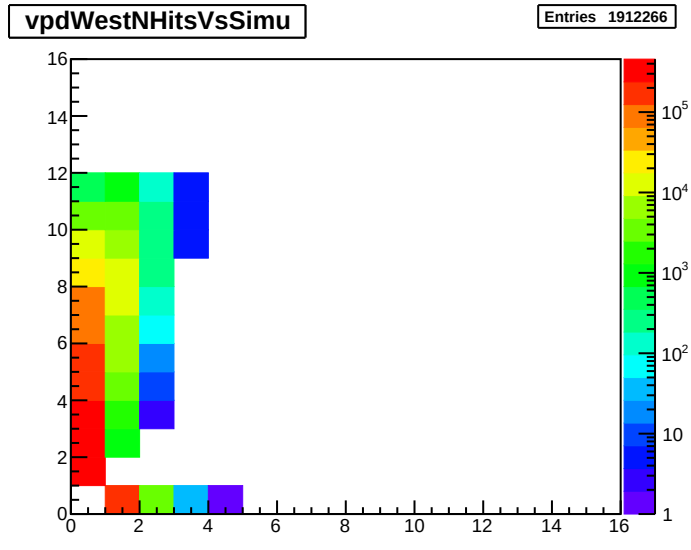

vpdEastTacSum
Entries8314976

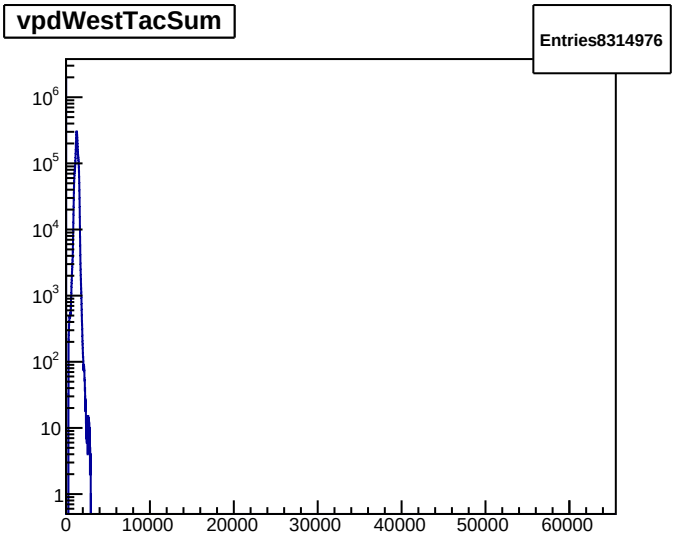

vpdEastTacSumVsSimu
Entries 6600053
Data
Simu

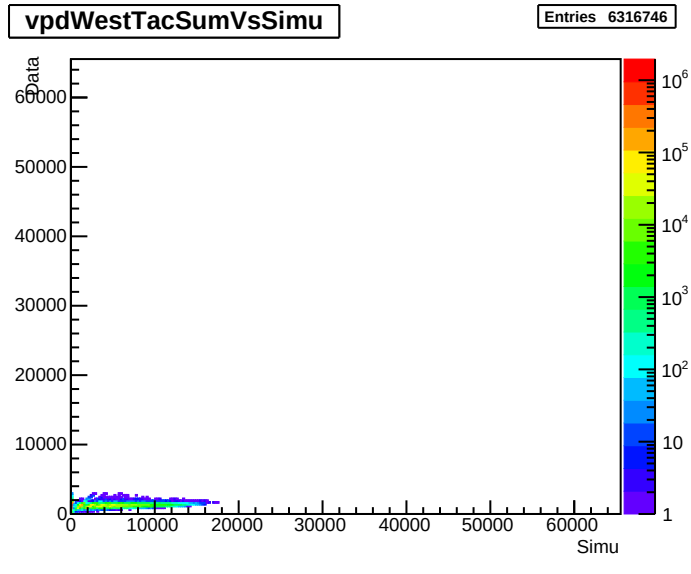

vpdWestAdcSum
Entries8314976

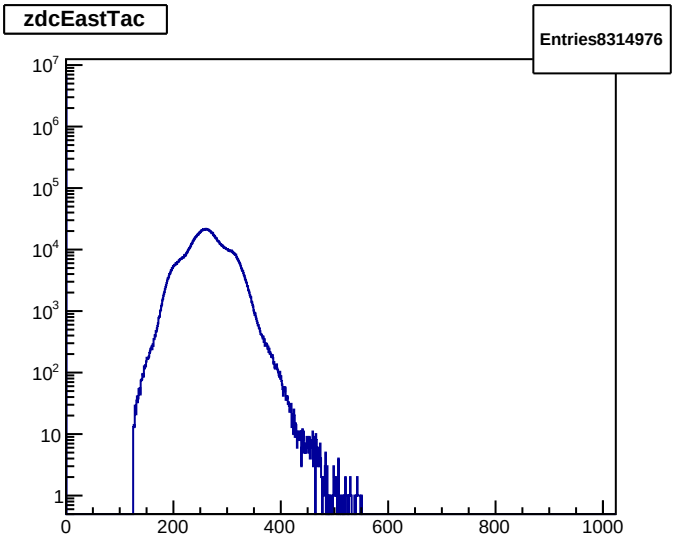

vpdWestAdcSumVsSimu
Entries 5548395
Data
Simu

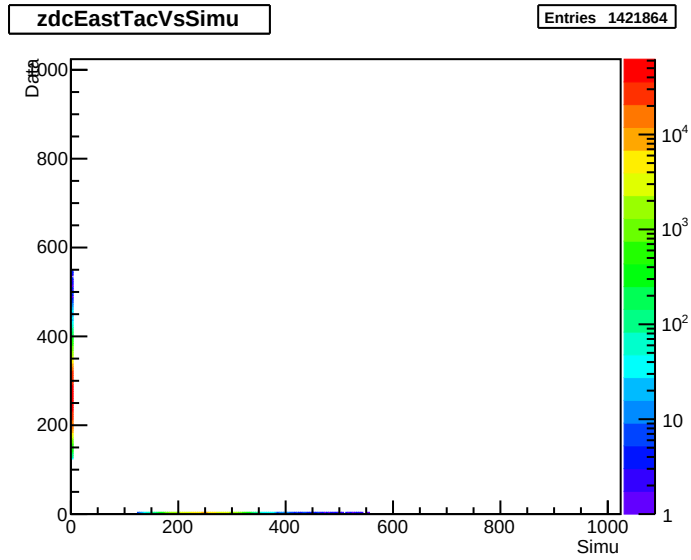

vpdWestNHits
Entries8314976

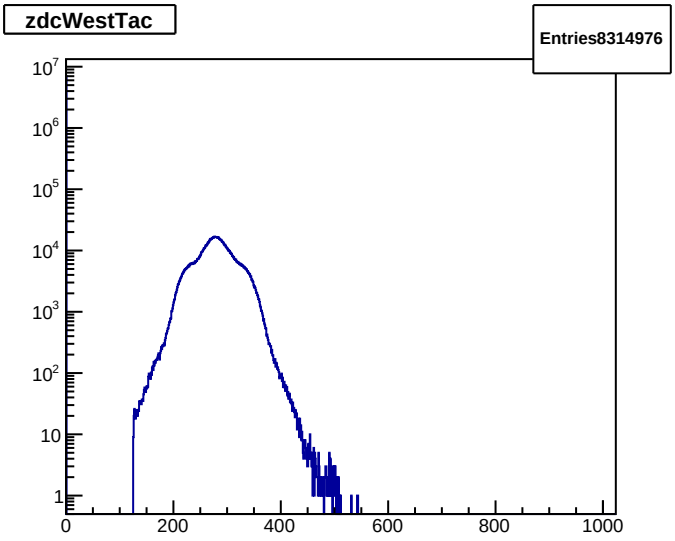

vpdWestNHitsVsSimu
Entries 1912266

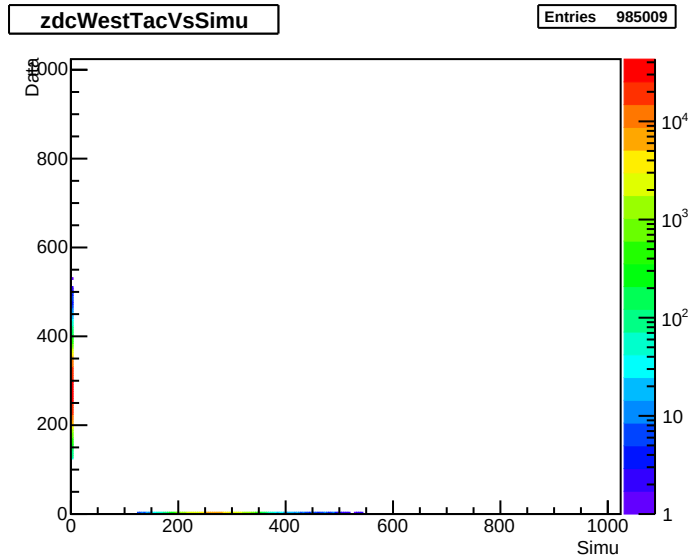

vpdWestTacSum
Entries8314976

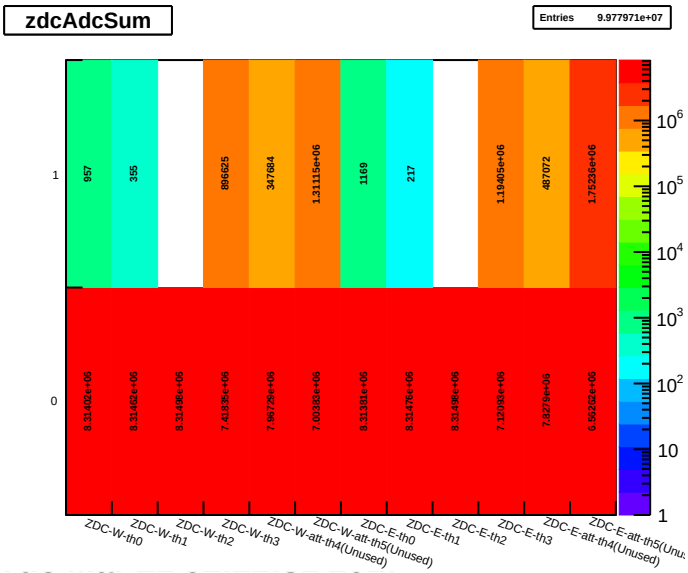

vpdWestTacSumVsSimu
Entries 6316746
Data
Simu

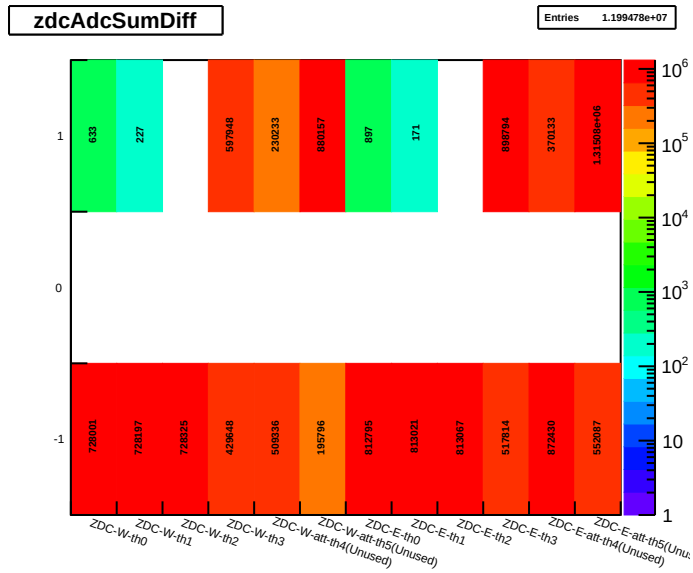

zdcEastTac
Entries8314976

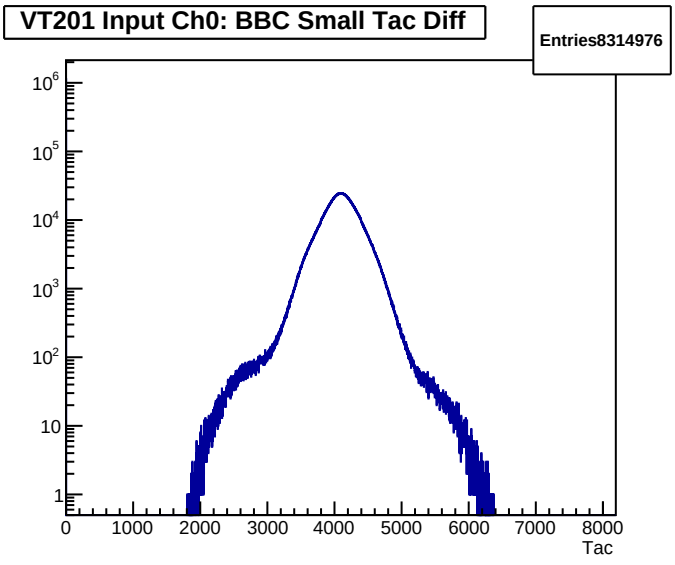

zdcEastTacVsSimu
Entries 1421864
Data
Simu

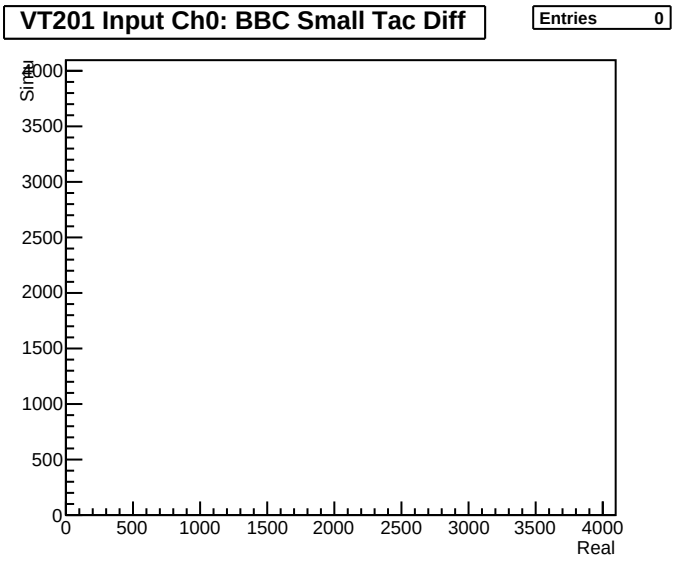

zdcWestTac
Entries8314976

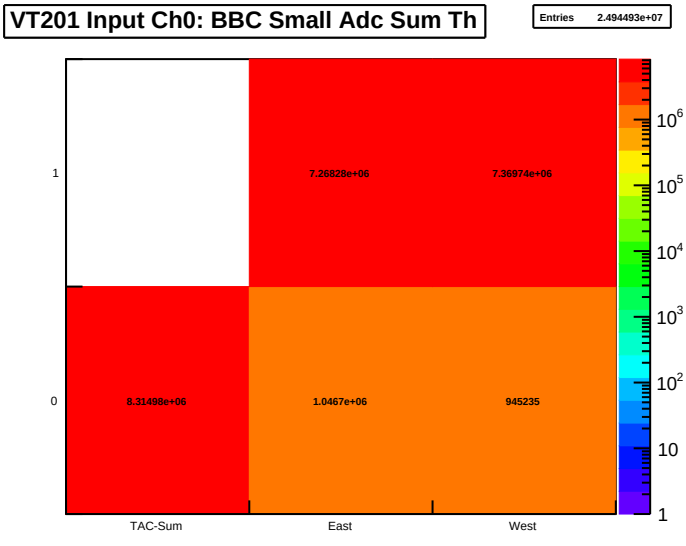

zdcWestTacVsSimu
Entries 985009
Data
Simu

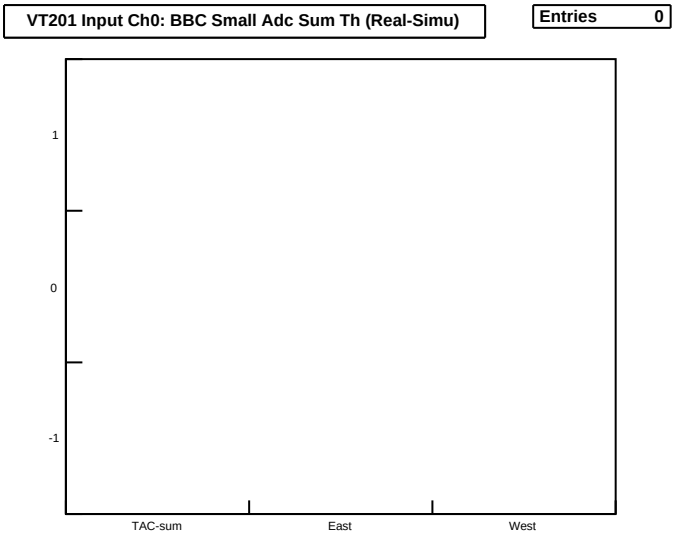

zdcAdcSum
Entries 9.977971e+07
957
355
896625
347684
1.31115e+06
1169
217
1.19405e+06
487072
1.75236e+06
8.31402e+06
8.31462e+06
8.31498e+06
7.41835e+06
7.96729e+06
7.00383e+06
8.33381e+06
8.31476e+06
8.31498e+06
7.12093e+06
7.8279e+06
6.56262e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

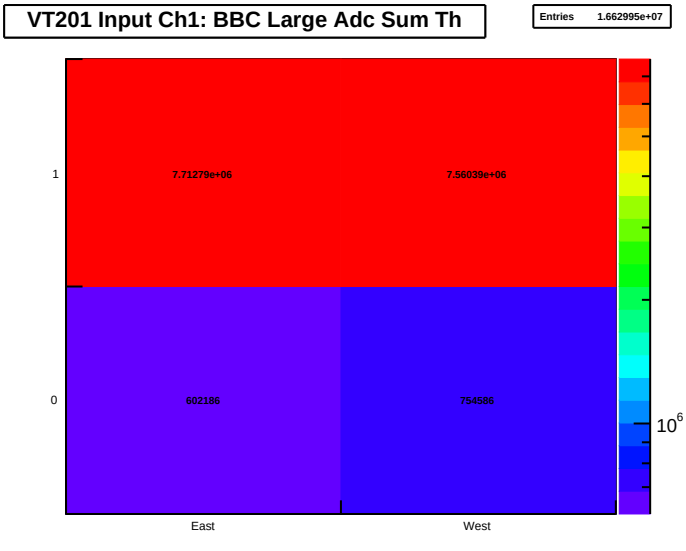

zdcAdcSumDiff
Entries 1.199478e+07
633
227
597948
230233
880157
897
171
898794
370133
1.31508e+06
728001
728197
728325
429648
509336
195786
812795
813021
813067
517614
872430
552087
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

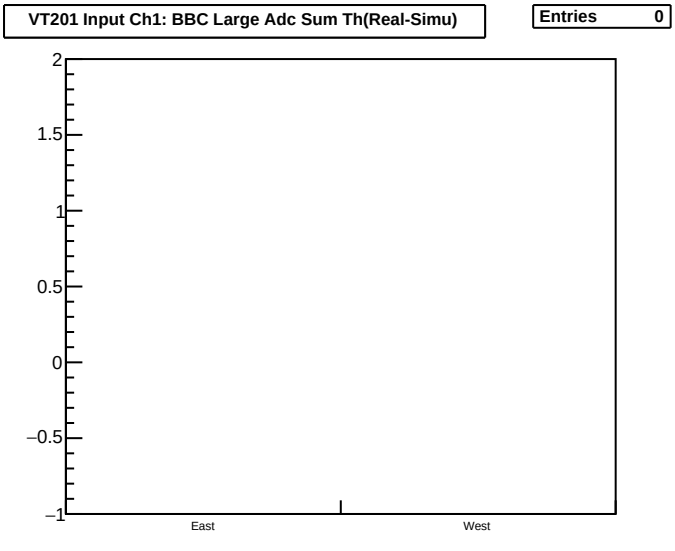

VT201 Input Ch0: BBC Small Tac Diff
Entries8314976
Tac


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

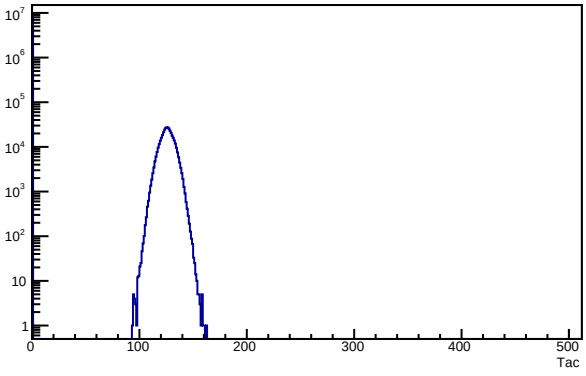

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.494493e+07
7.26828e+06
7.36974e+06
8.31498e+06
1.0467e+06
945235
TAC-Sum
East
West


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

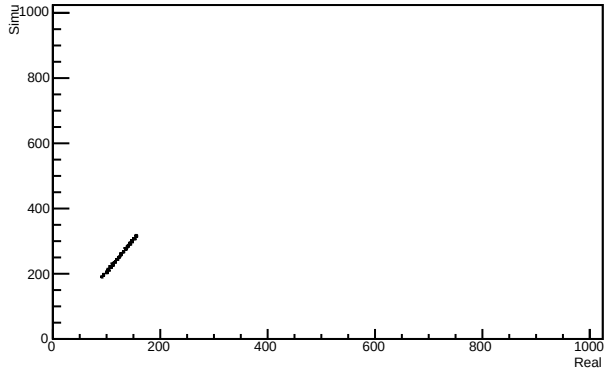

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.662995e+07
7.71279e+06
7.56039e+06
602186
754586
East
West


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

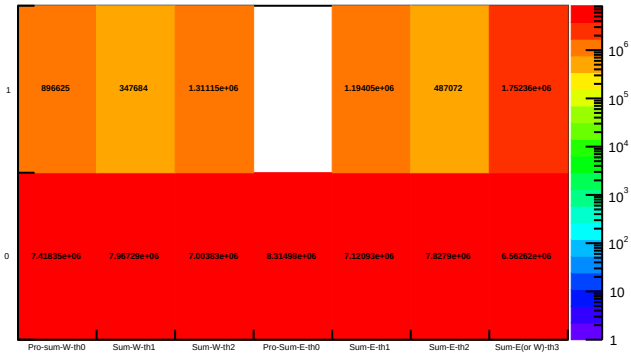
VT201 Input Ch2: ZDC Tac Diff



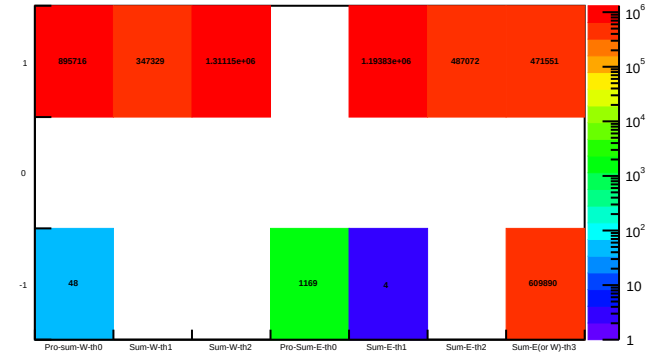
VT201 Input Ch2: ZDC Tac Diff



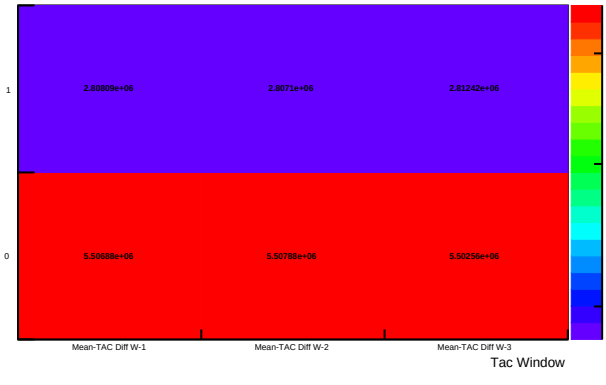
VT201 Input Ch2: ZDC Adc Sum Th



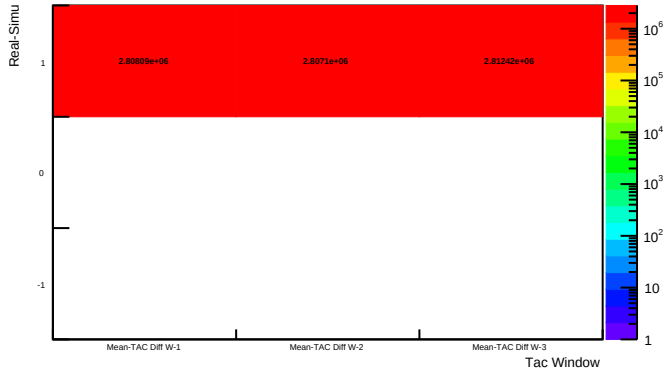
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



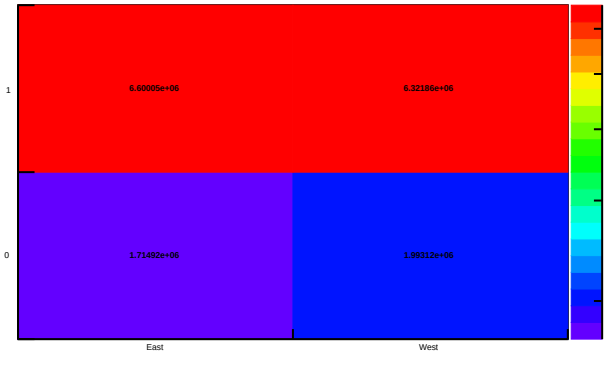
VT201 Input Ch4: VPD Tac Diff



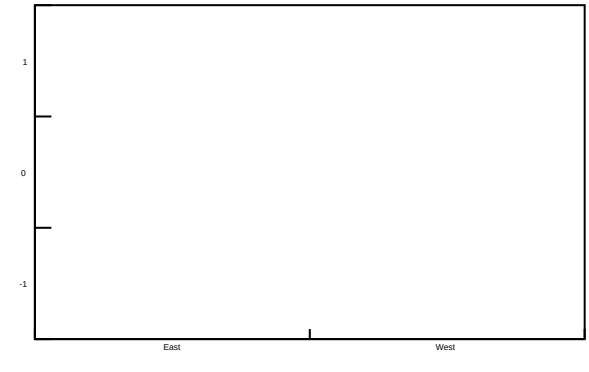
VT201 Input Ch4: VPD Tac Diff

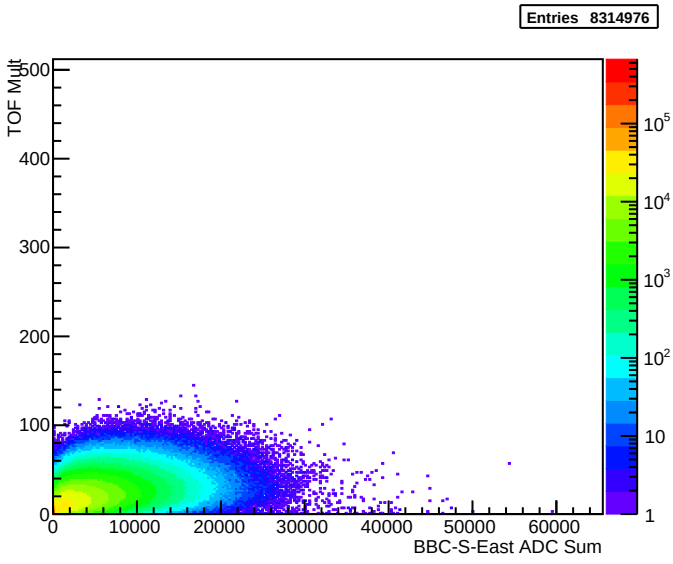


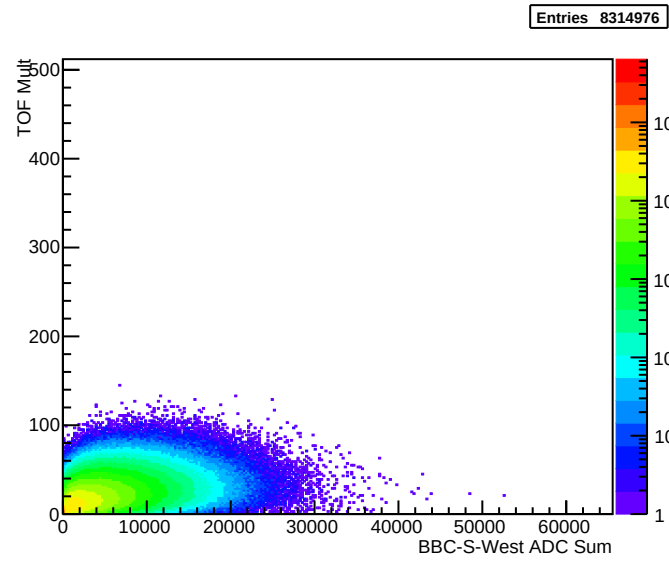
VT201 Input Ch4: VPD Adc Sum Th

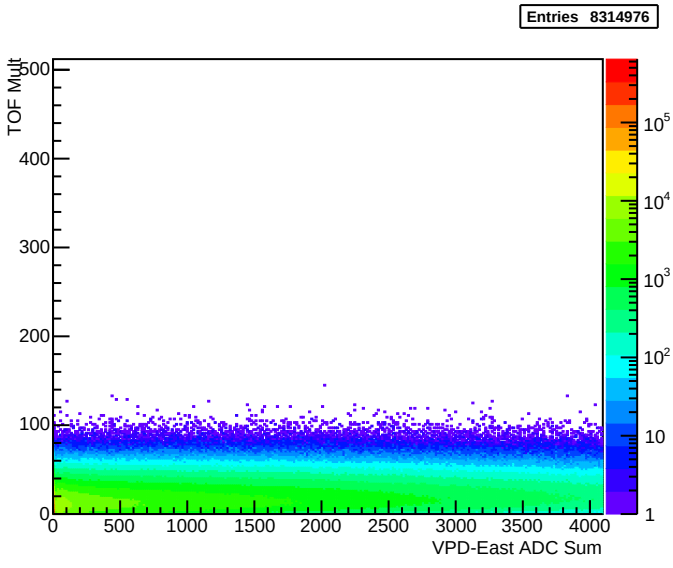


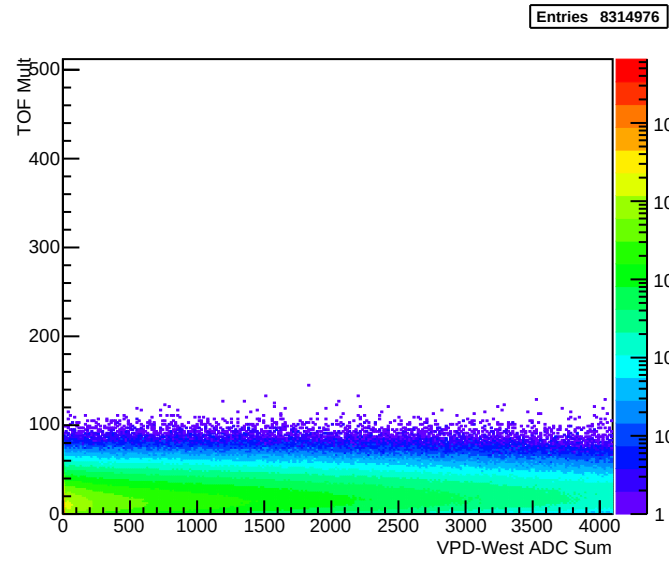
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

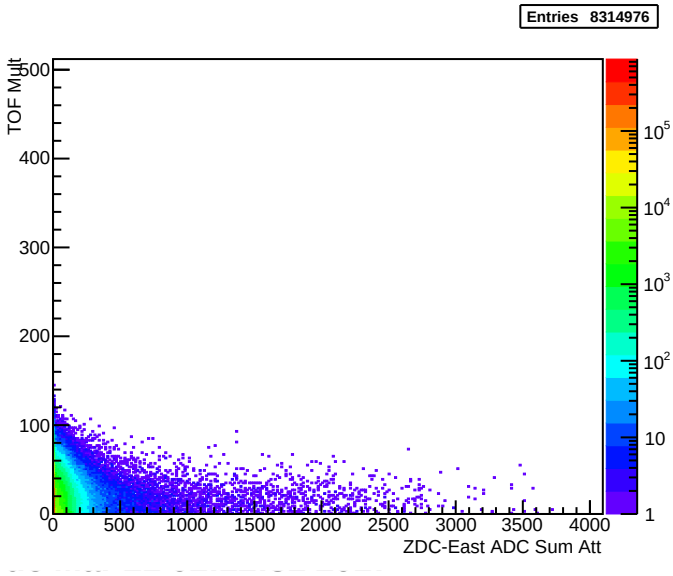


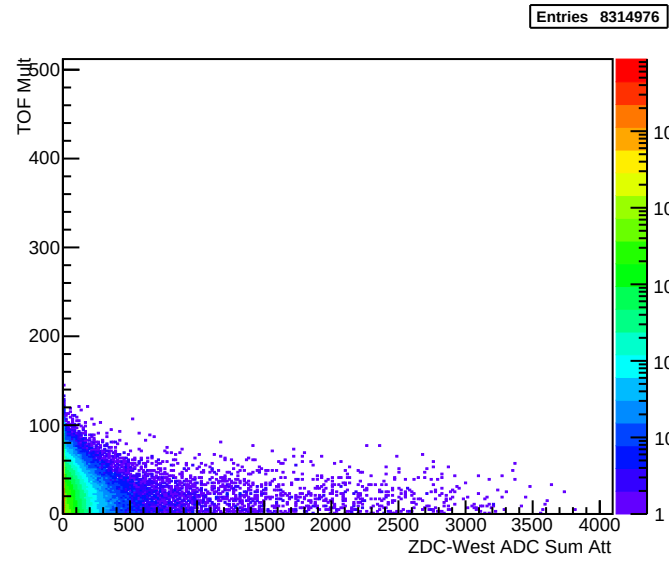

Entries 8314976
TOF Mult
BBC-S-East ADC Sum

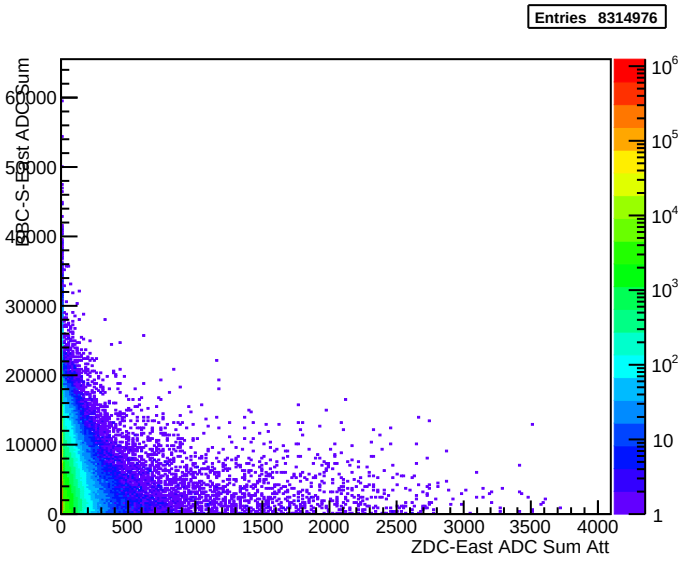

Entries 8314976
TOF Mult
BBC-S-West ADC Sum

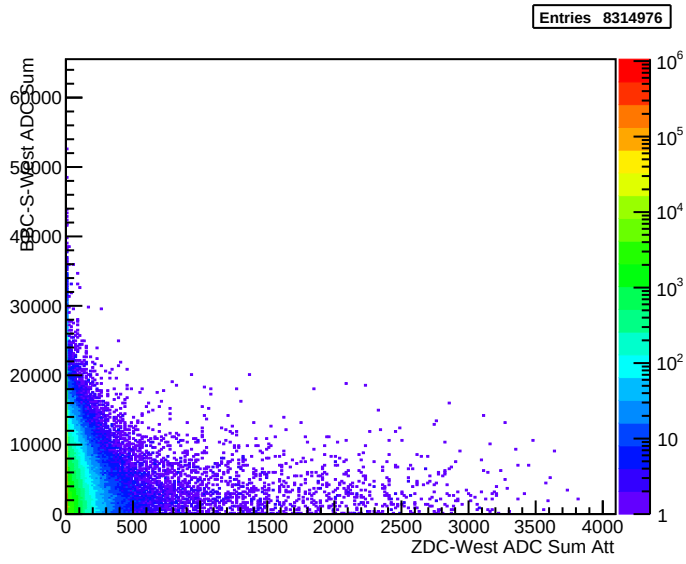

Entries 8314976
TOF Mult
VPD-East ADC Sum

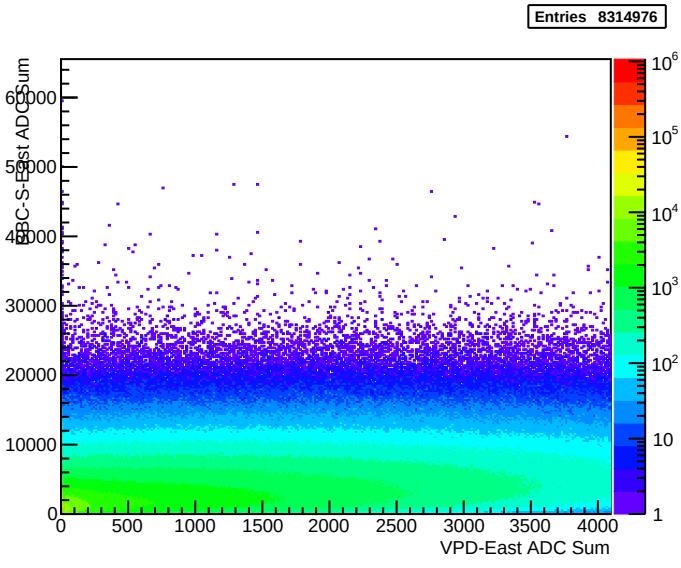

Entries 8314976
TOF Mult
VPD-West ADC Sum

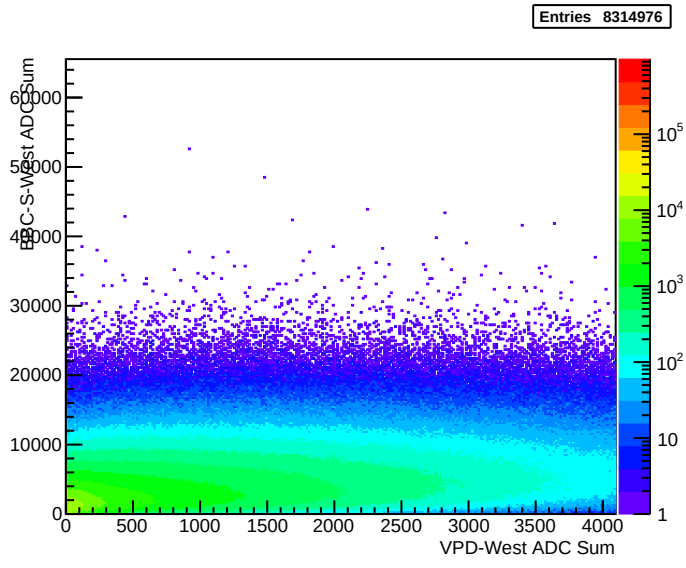

Entries 8314976
TOF Mult
ZDC-East ADC Sum Att

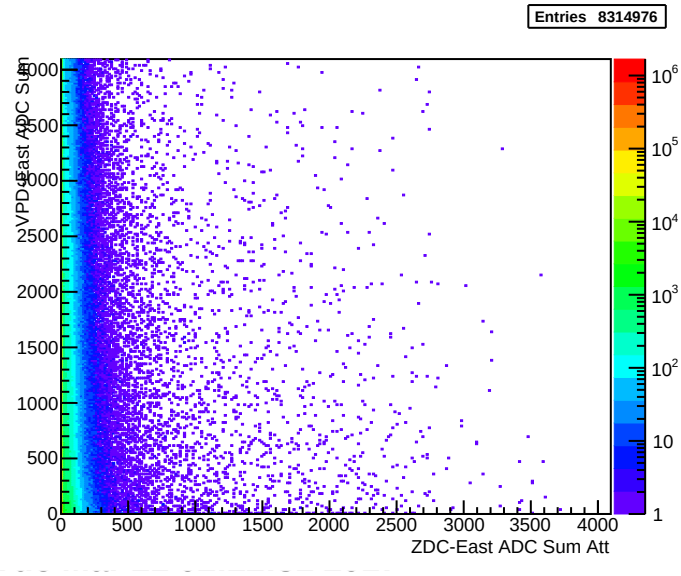

Entries 8314976
TOF Mult
ZDC-West ADC Sum Att

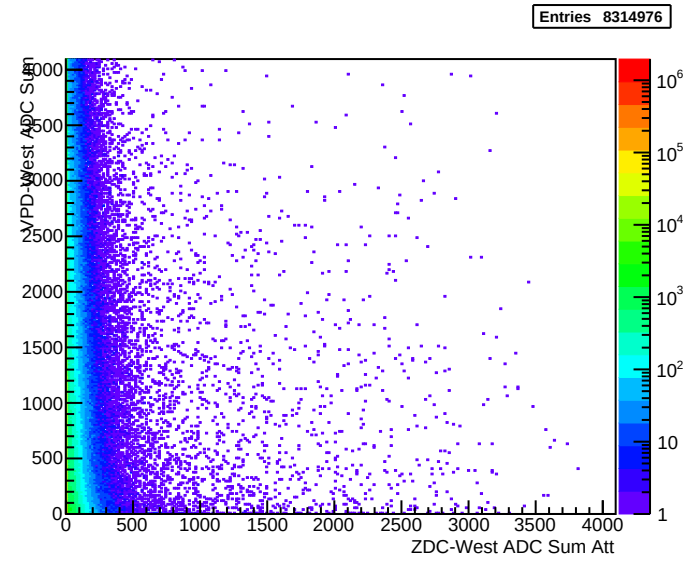

Entries 8314976
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

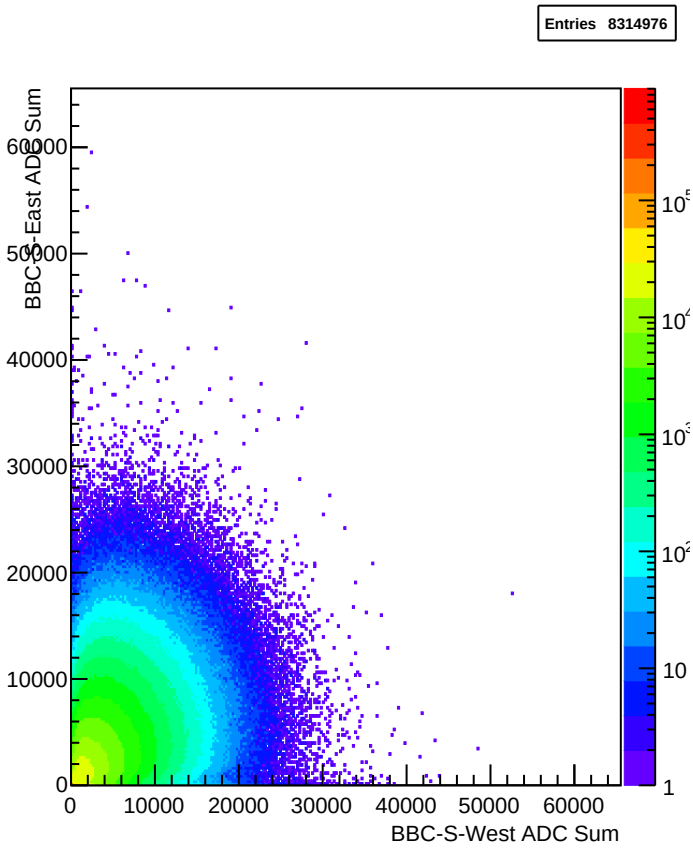

Entries 8314976
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

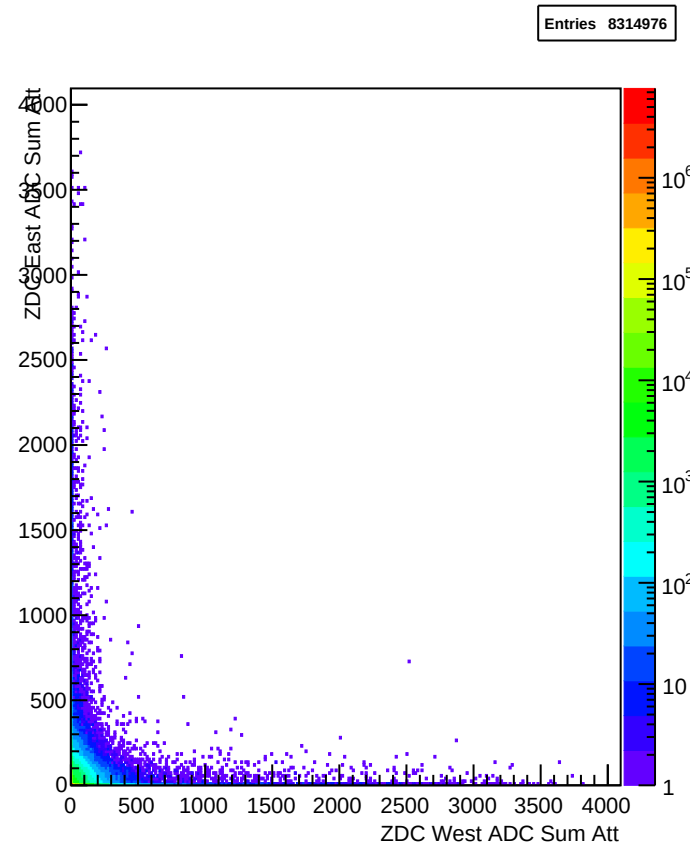

Entries 8314976
BBC-S-East ADC Sum
VPD-East ADC Sum

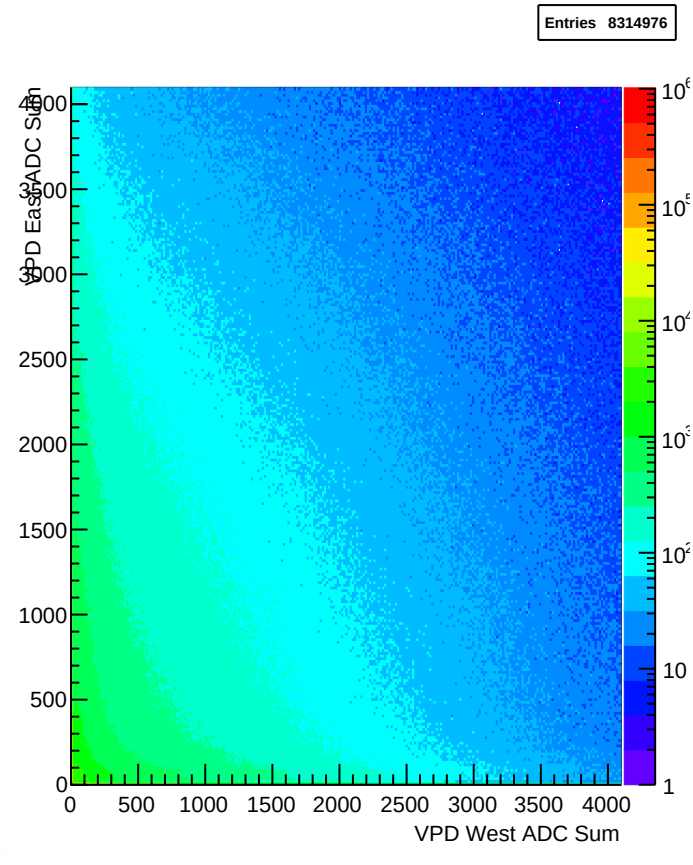

Entries 8314976
BBC-S-West ADC Sum
VPD-West ADC Sum

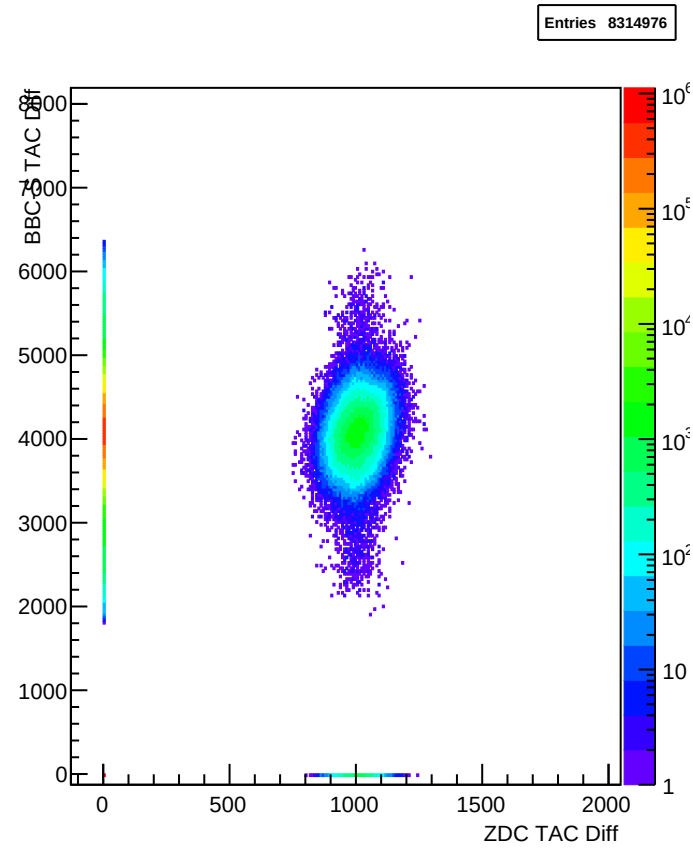

Entries 8314976
VPD-East ADC Sum
ZDC-East ADC Sum Att

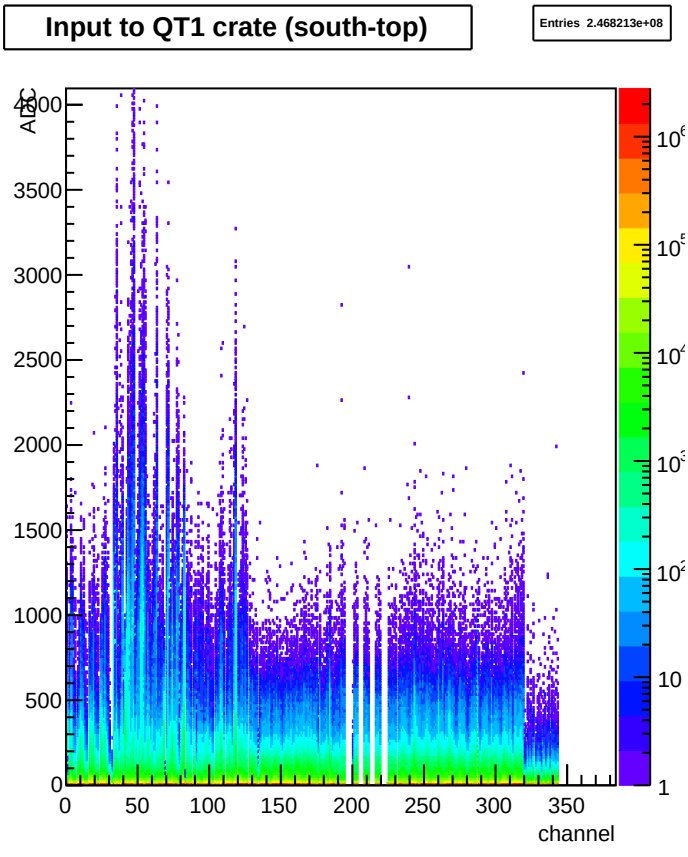

Entries 8314976
VPD-West ADC Sum
ZDC-West ADC Sum Att

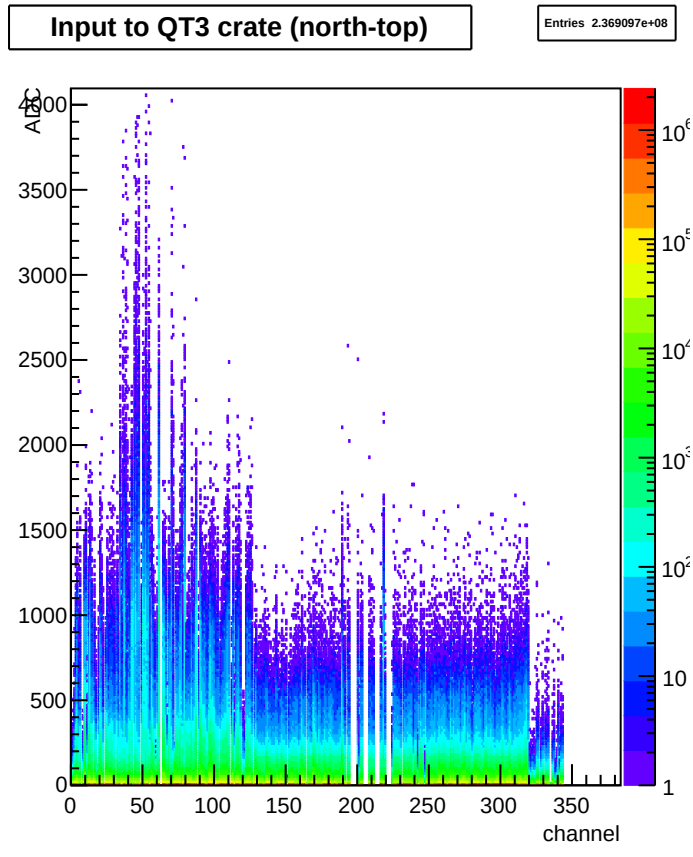

Entries 8314976
BBC-S-East ADC Sum
BBC-S-West ADC Sum

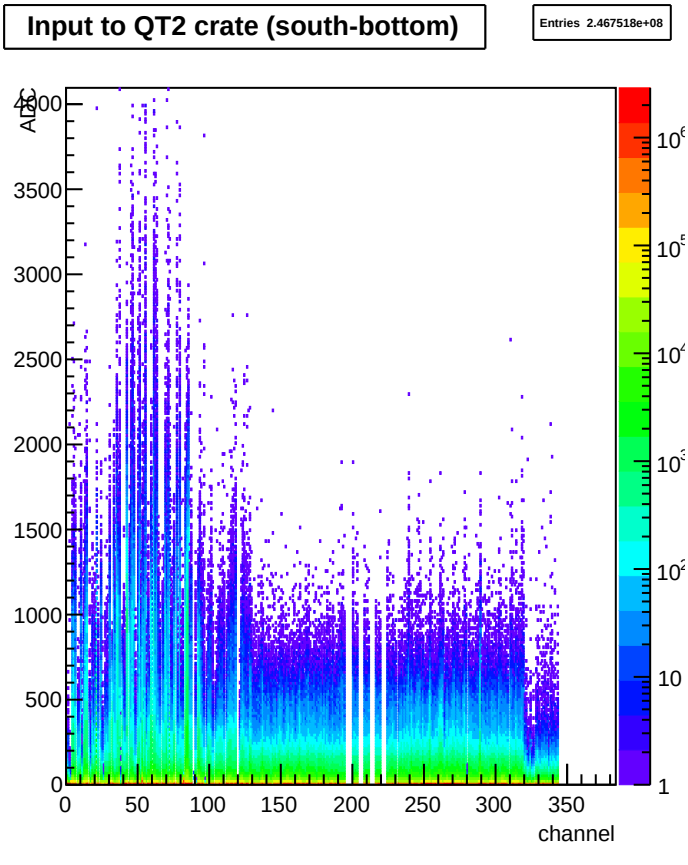

Entries 8314976
ZDC East ADC Sum Att
ZDC West ADC Sum Att

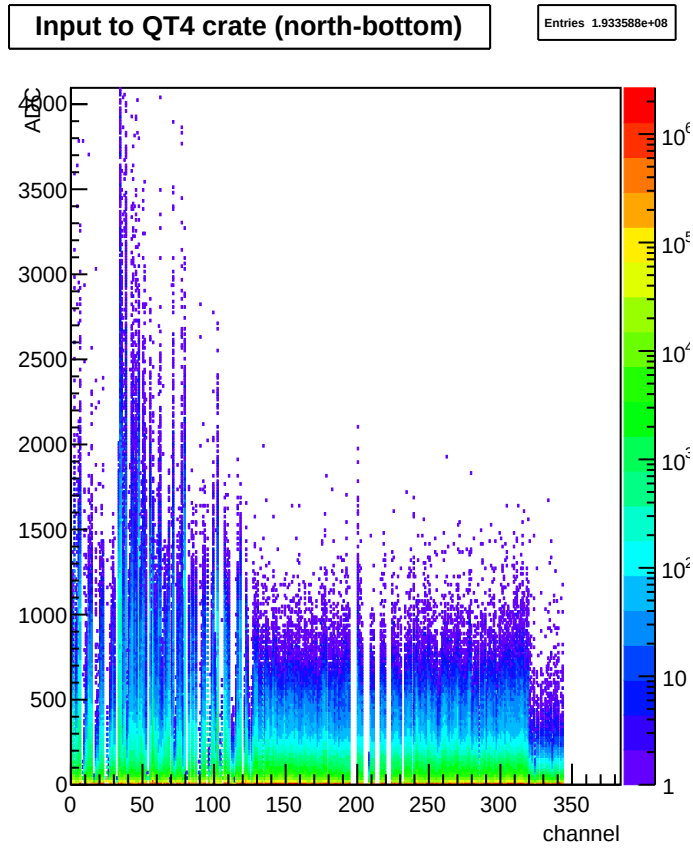

Entries 8314976
VPD East ADC Sum
VPD West ADC Sum

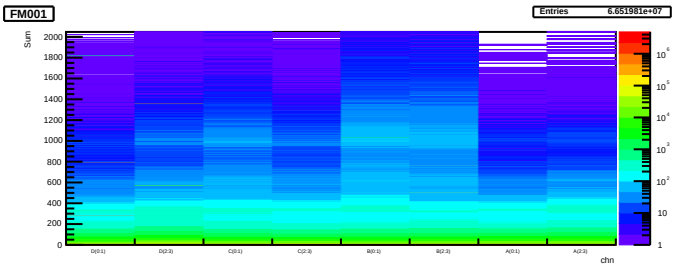

Entries 8314976
BBC-S TAC Diff
ZDC TAC Diff

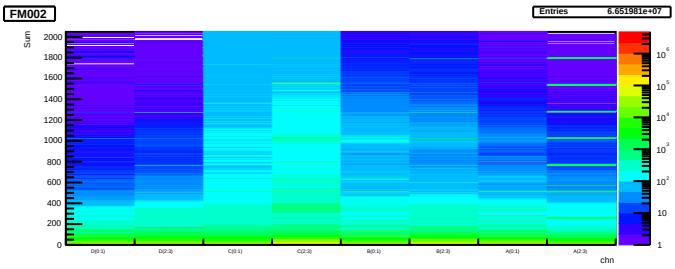

Input to QT1 crate (south-top)
Entries 2.468213e+08
ADC
channel

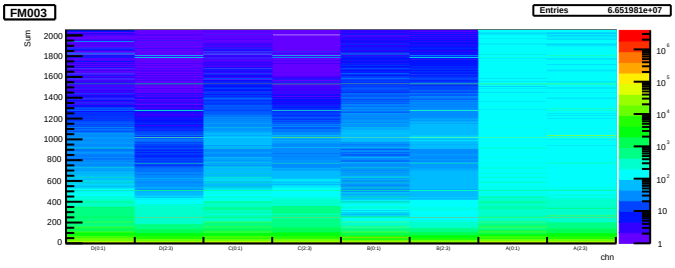

Input to QT3 crate (north-top)
Entries 2.369097e+08
ADC
channel

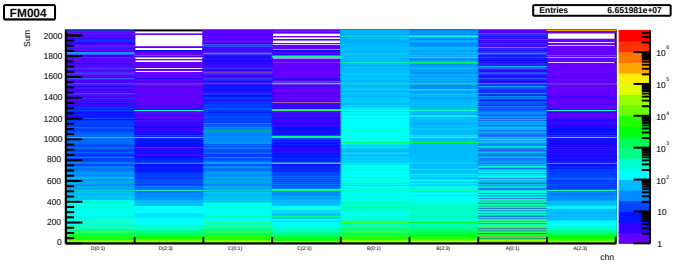

Input to QT2 crate (south-bottom)
Entries 2.467518e+08
ADC
channel

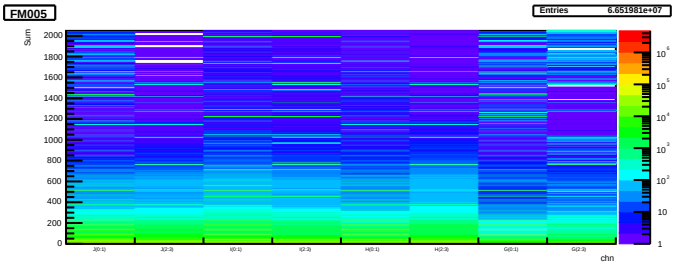

Input to QT4 crate (north-bottom)
Entries 1.933588e+08
ADC
channel

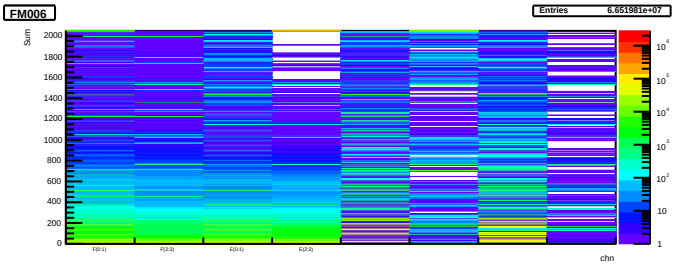

FM001
Entries 6.651981e+07
Sum
chn


FM002
Entries 6.651981e+07
Sum
chn


FM003
Entries 6.651981e+07
Sum
chn


FM004
Entries 6.651981e+07
Sum
chn


FM005
Entries 6.651981e+07
Sum
chn


FM006
Entries 6.651981e+07
Sum
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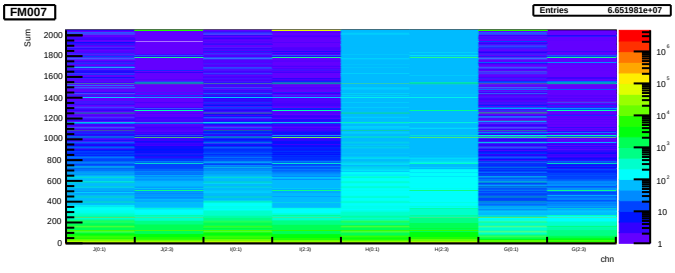
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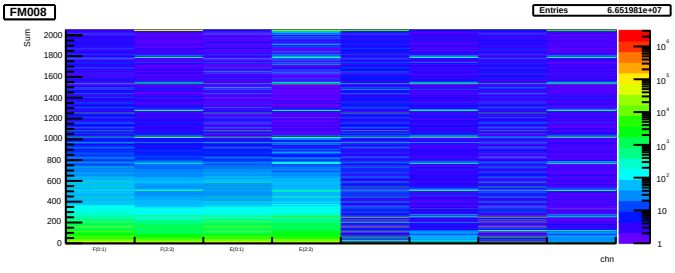
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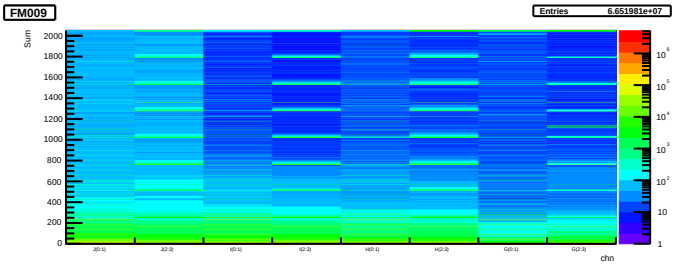
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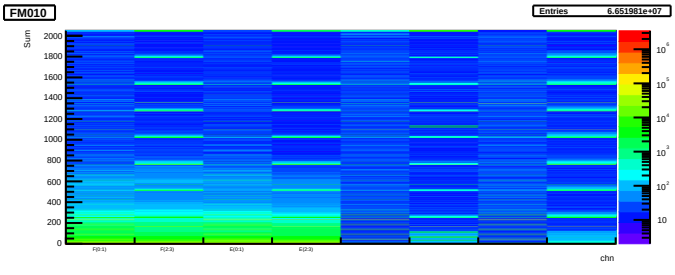
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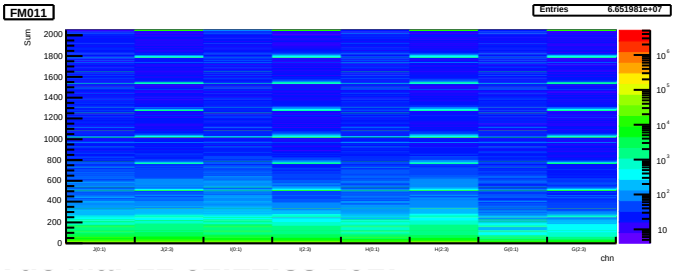
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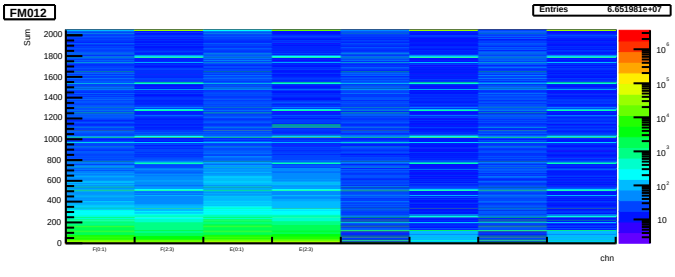
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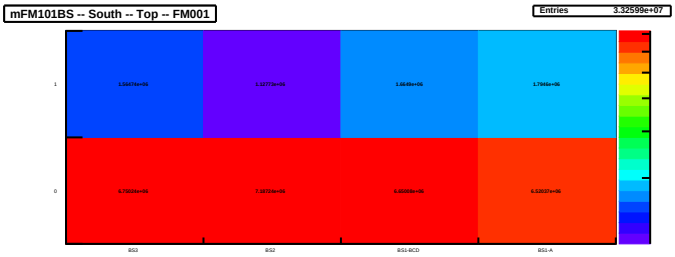
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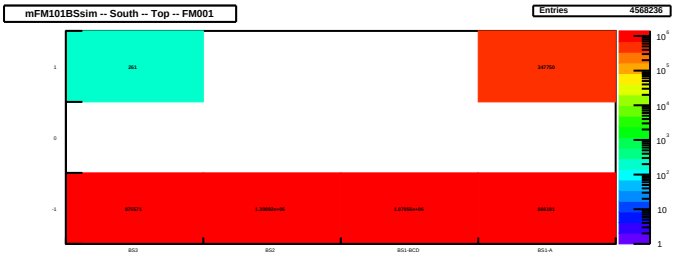
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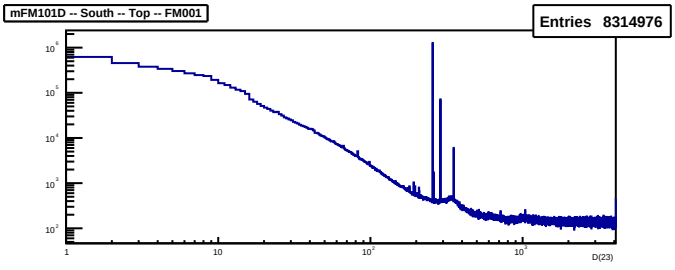
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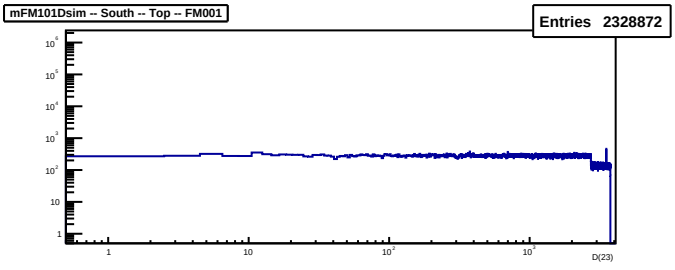
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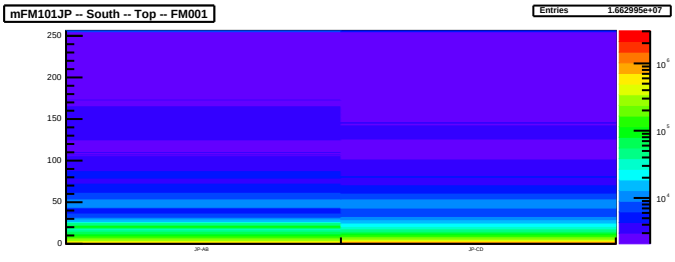
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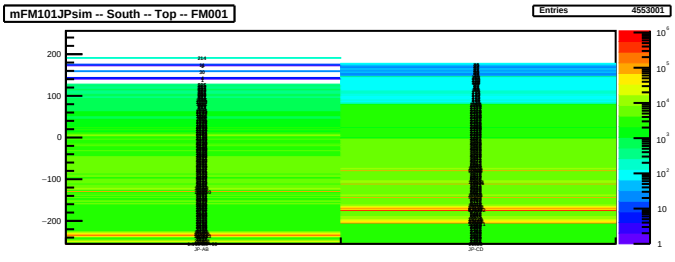
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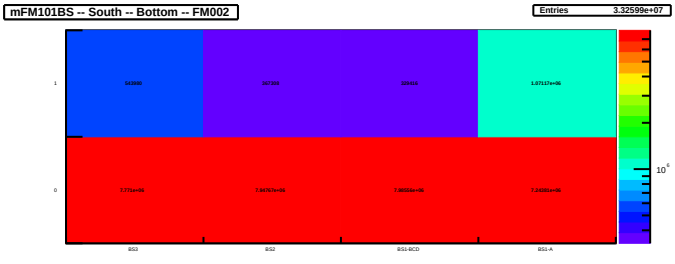
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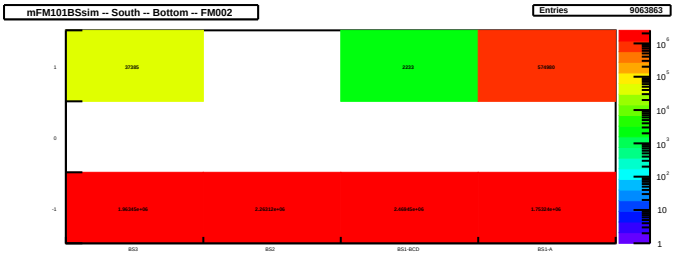
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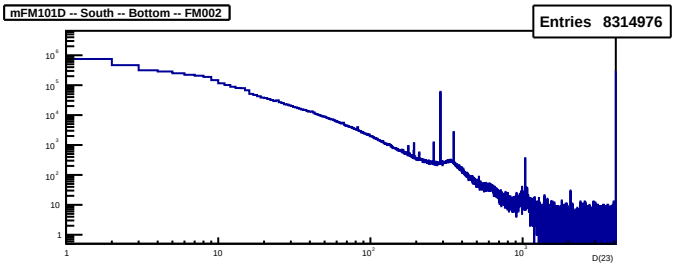
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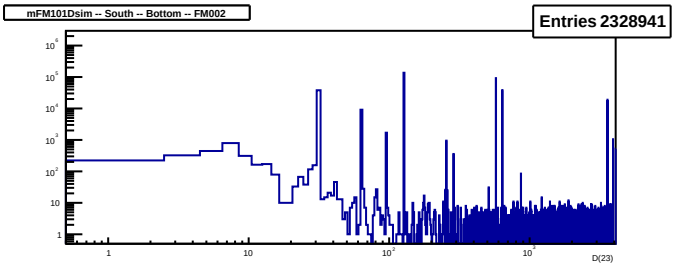
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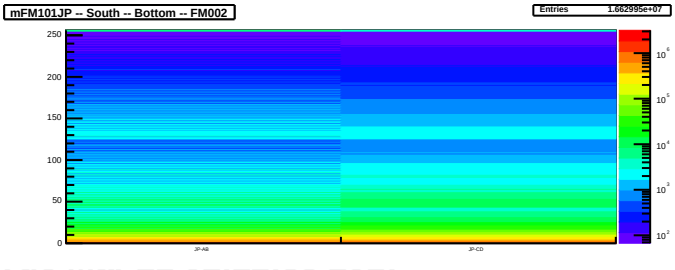
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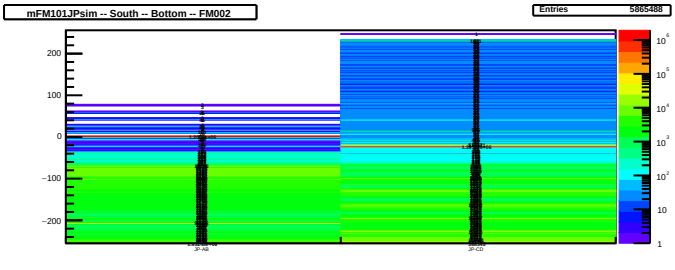
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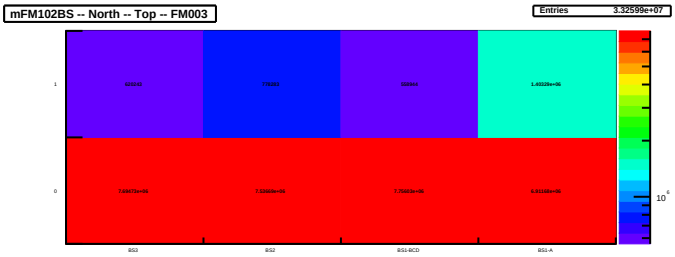
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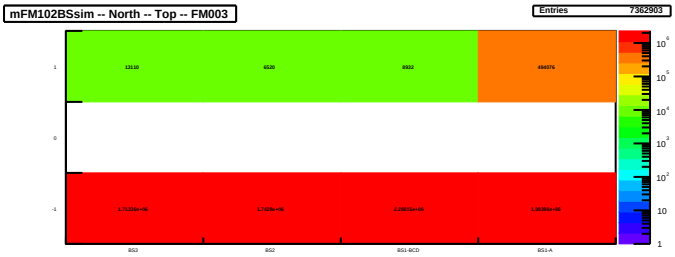
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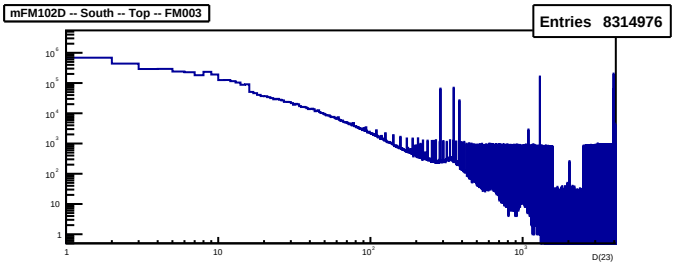
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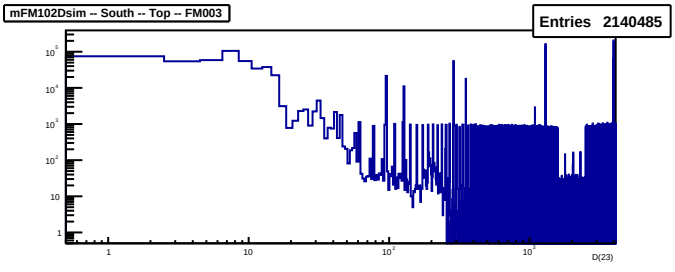
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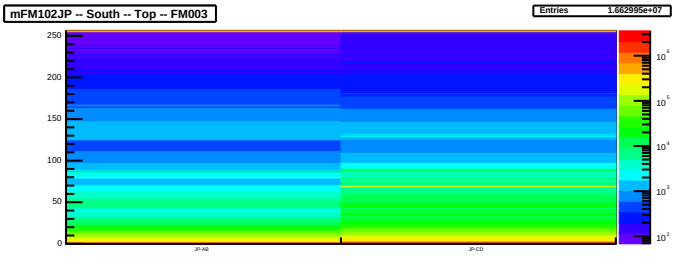
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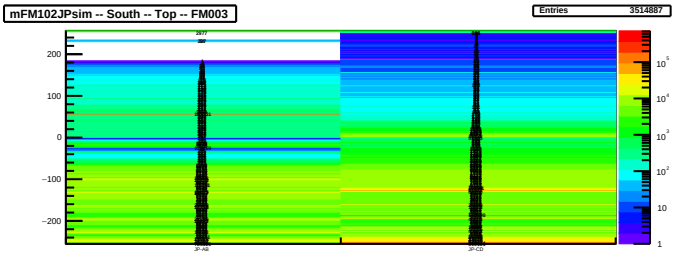
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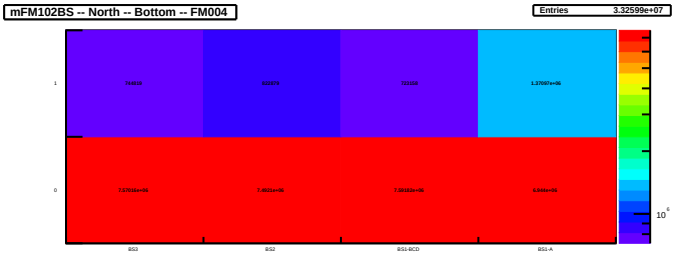
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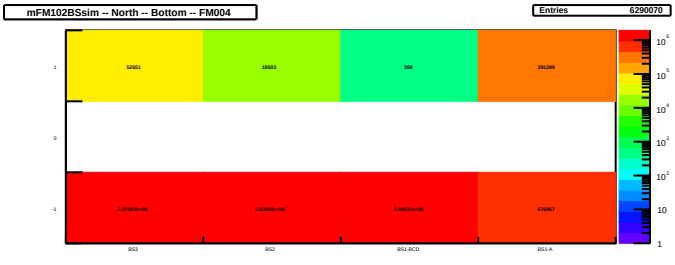
Entries 3.32599e+07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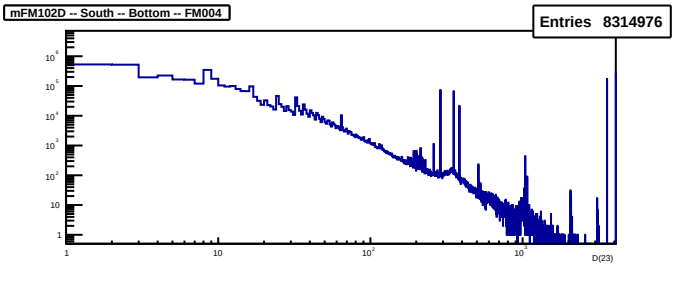
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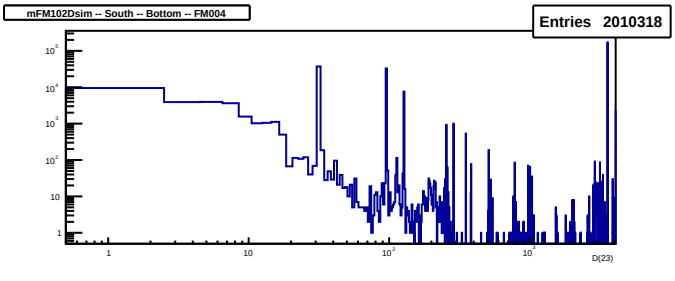
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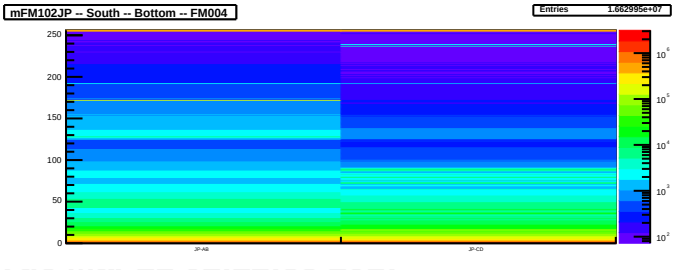
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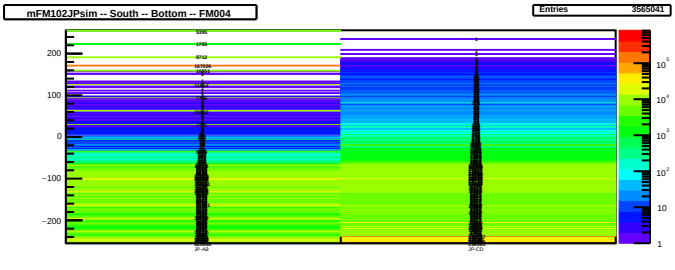
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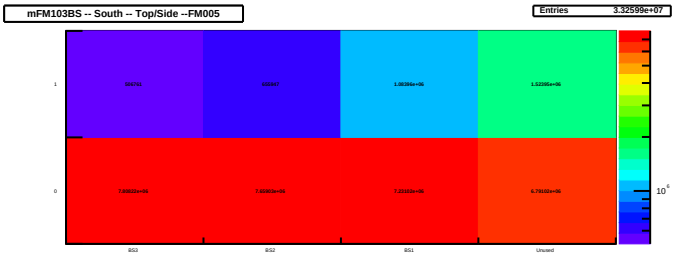
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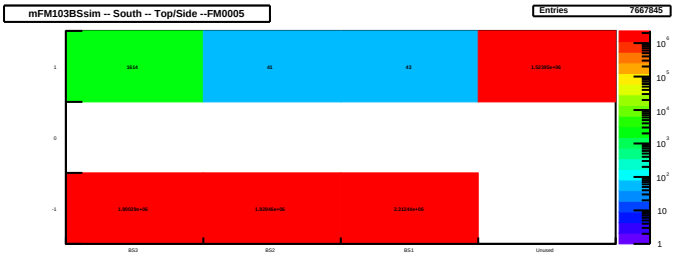
Entries 3.32599e+07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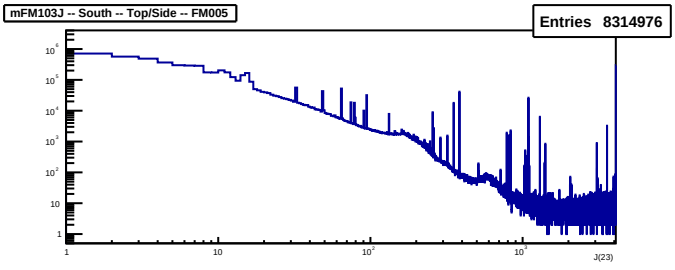
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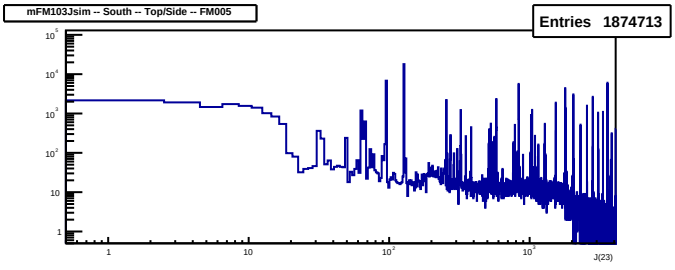
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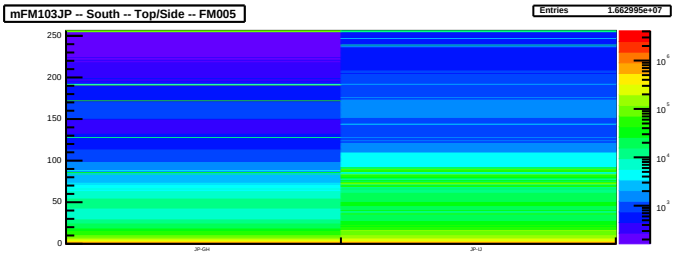
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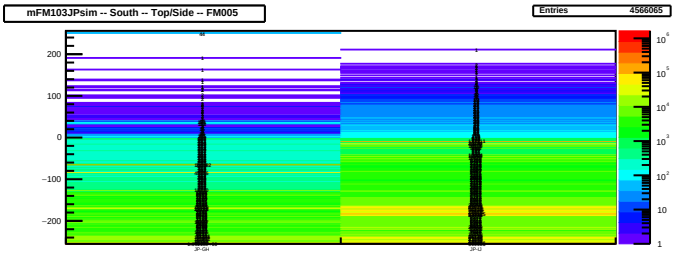
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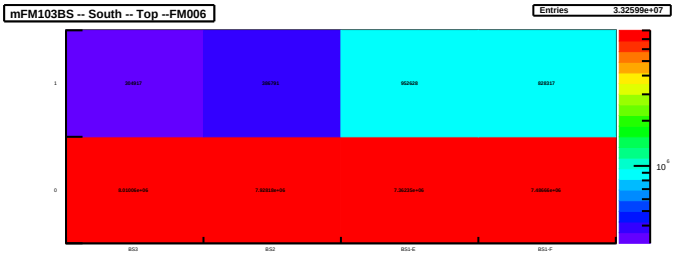
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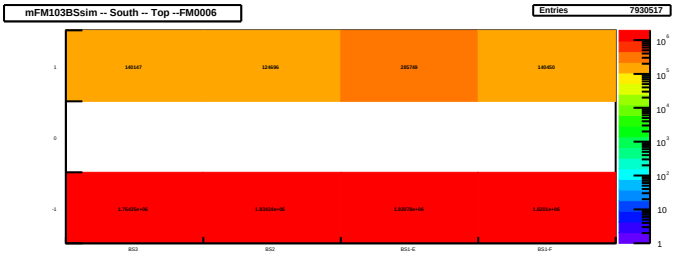
Entries 3.32599e+07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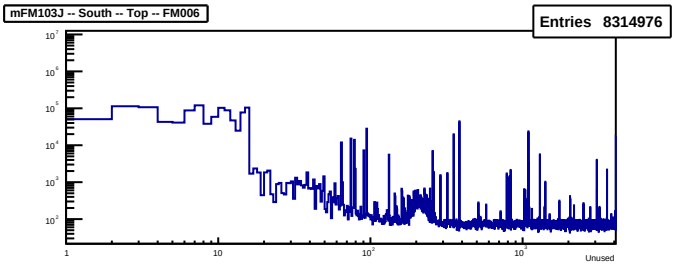
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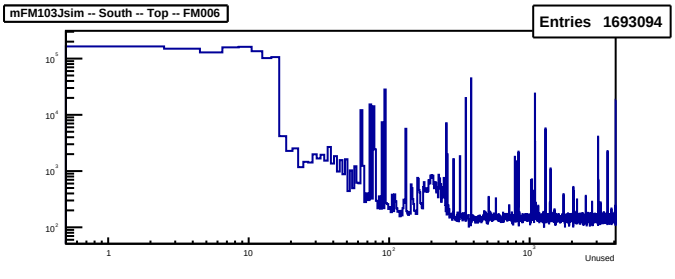
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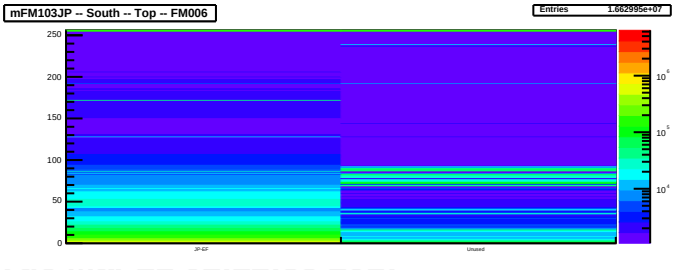
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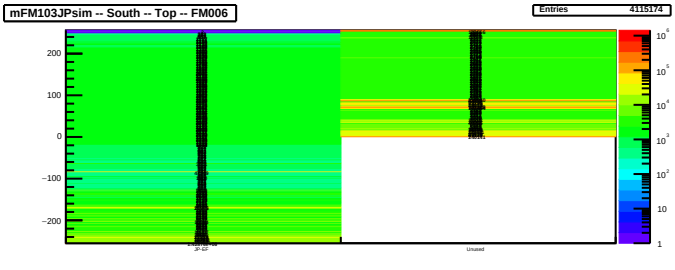
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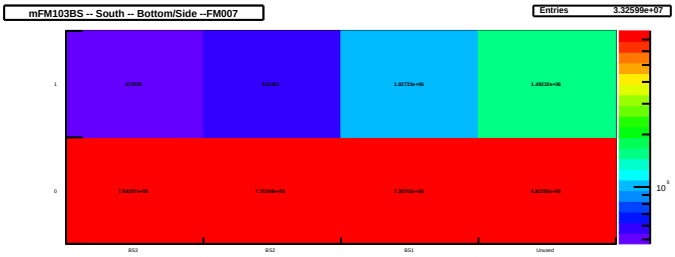
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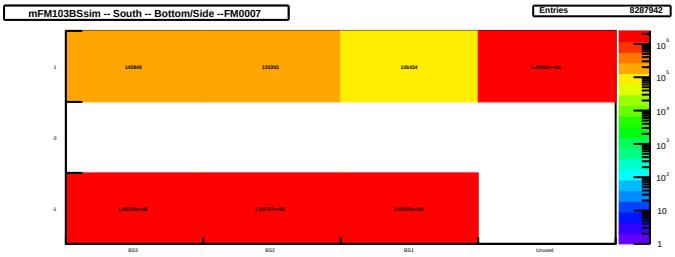
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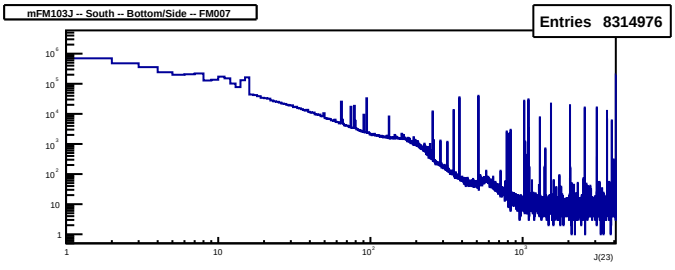
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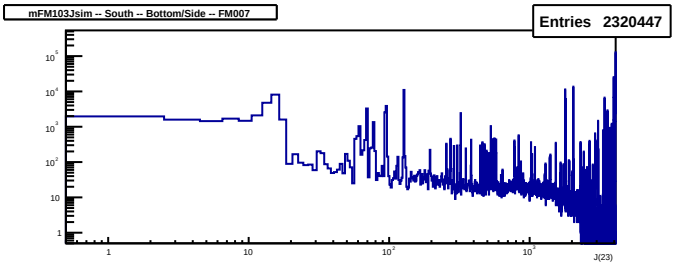
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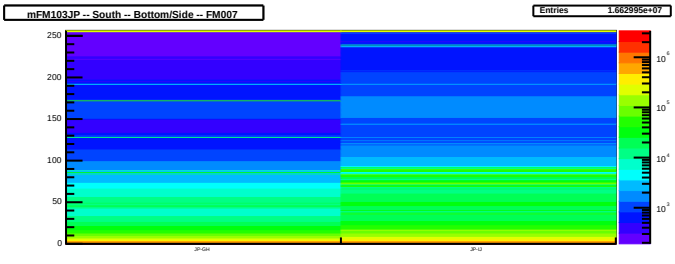
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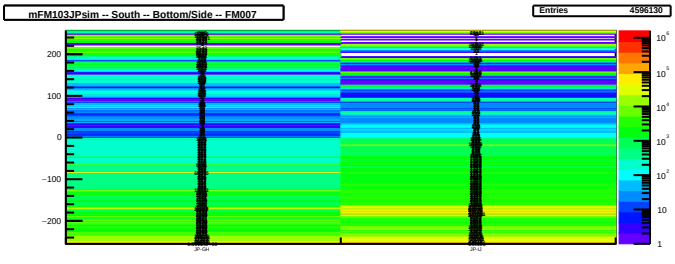
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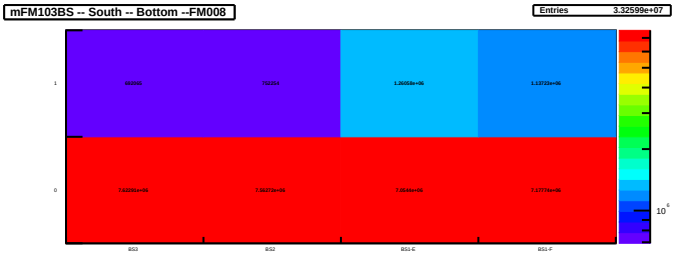
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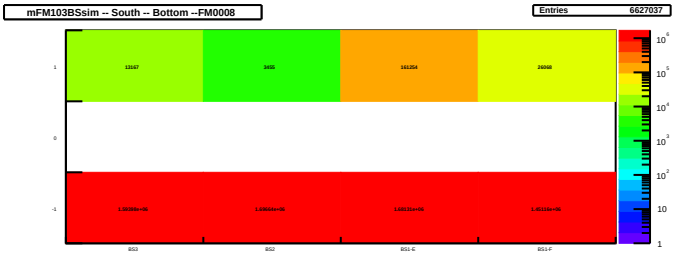
Entries 3.32599e+07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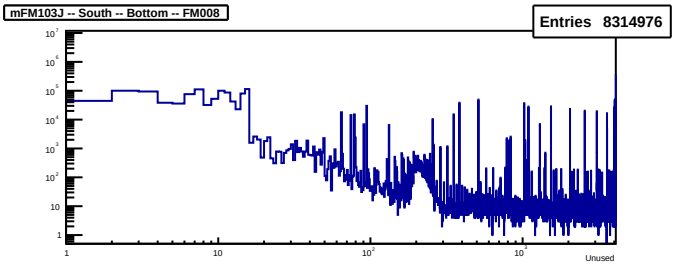
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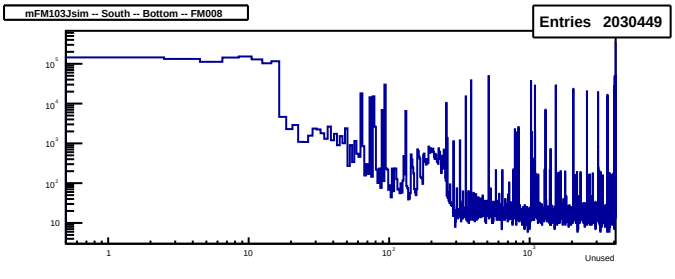
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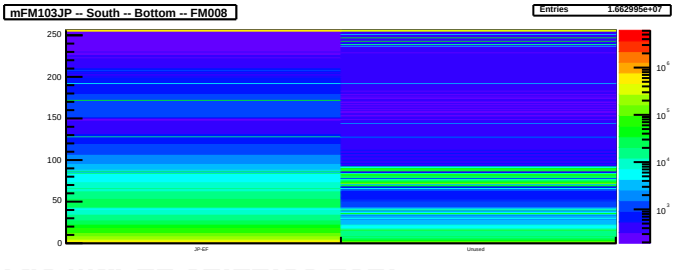
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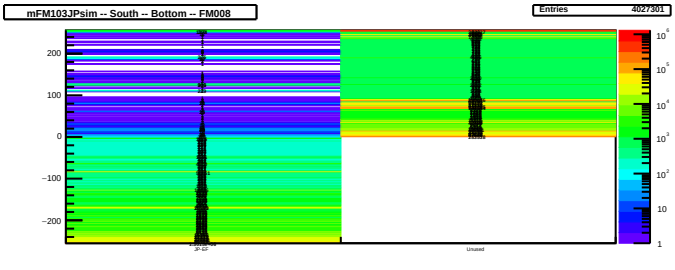
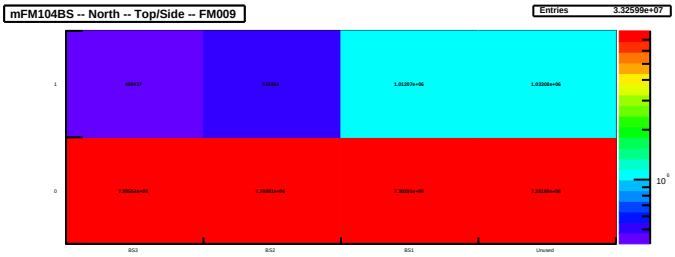
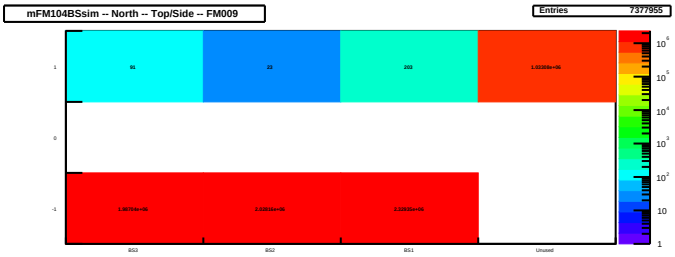
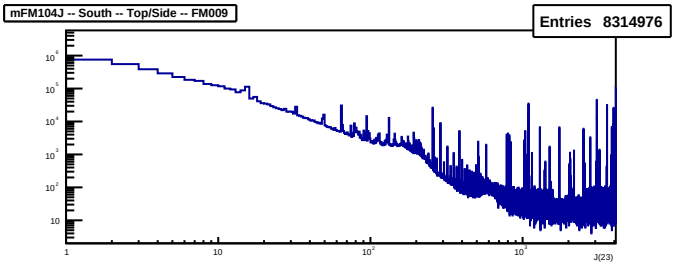
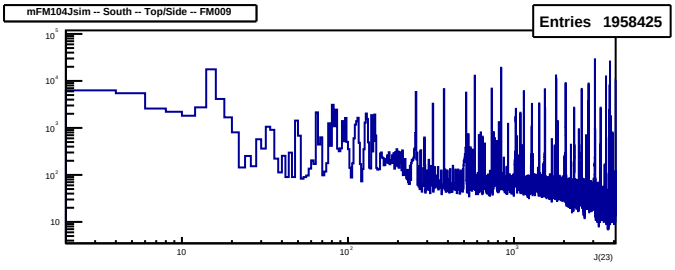
Entries 1.662995e+07

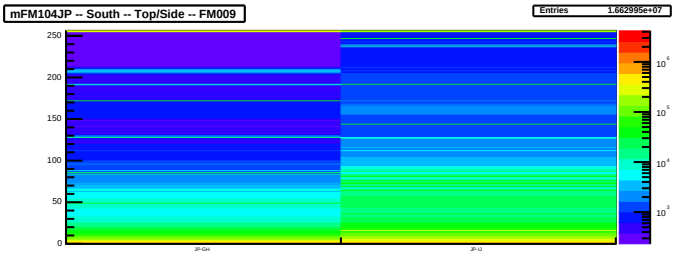

mFM103JPsim -- South -- Bottom -- FM008
Entries 4027301

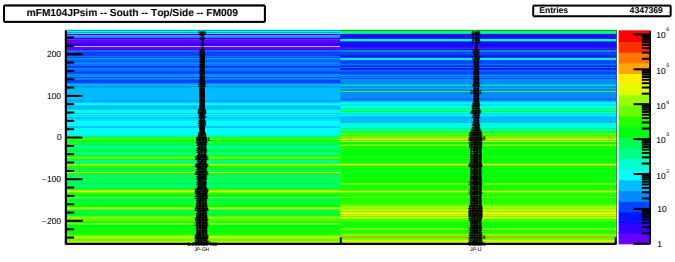

mFM104BS -- North -- Top/Side -- FM009
Entries 3.32599e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 7377955


mFM104J -- South -- Top/Side -- FM009
Entries 8314976
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1958425
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.662995e+07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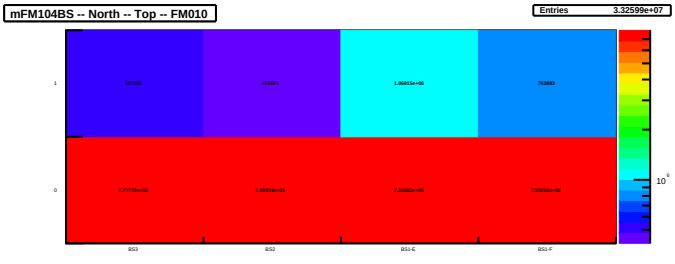
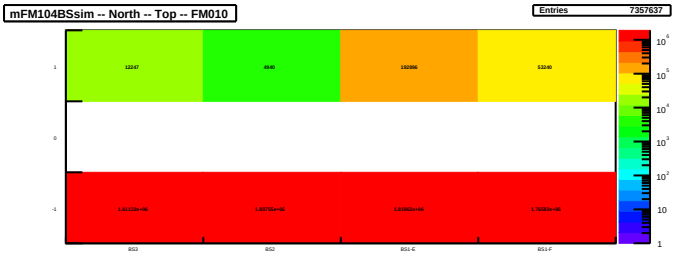
Entries 4347369


mFM104BS -- North -- Top -- FM010
Entries 3.32599e+07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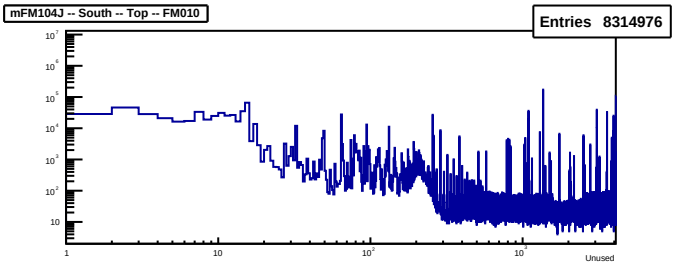
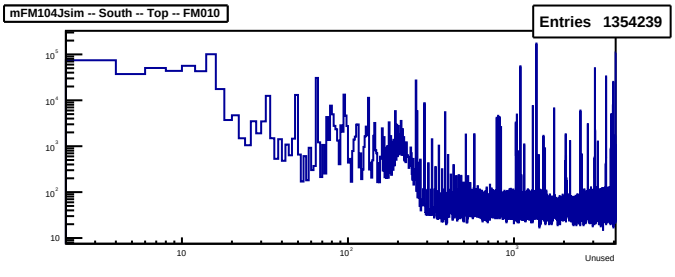
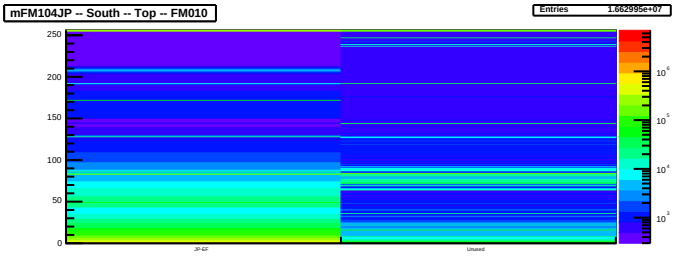
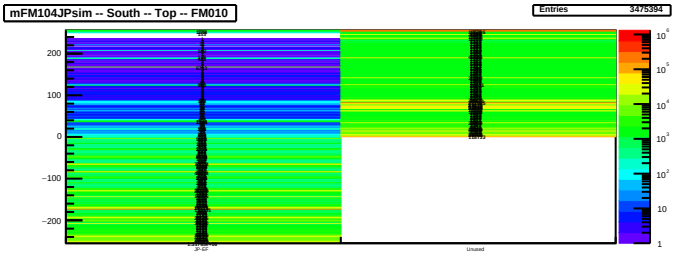
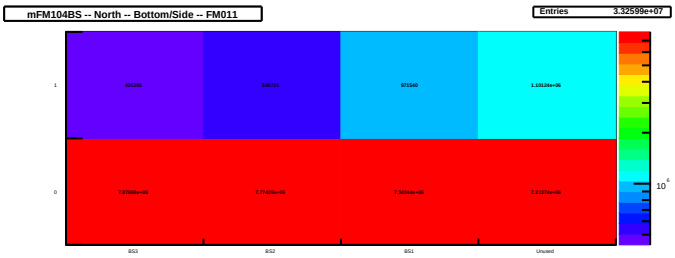
Entries 7357637

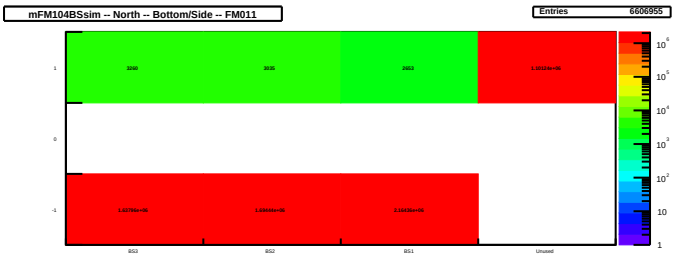

mFM104J -- South -- Top -- FM010
Entries 8314976
Unused

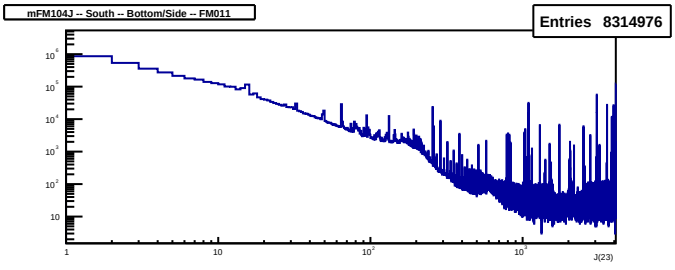

mFM104Jsim -- South -- Top -- FM010
Entries 1354239
Unused

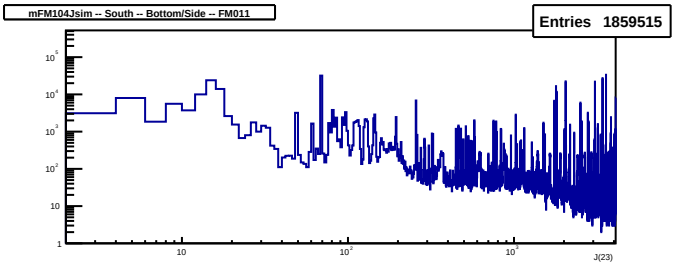

mFM104JP -- South -- Top -- FM010
Entries 1.662995e+07

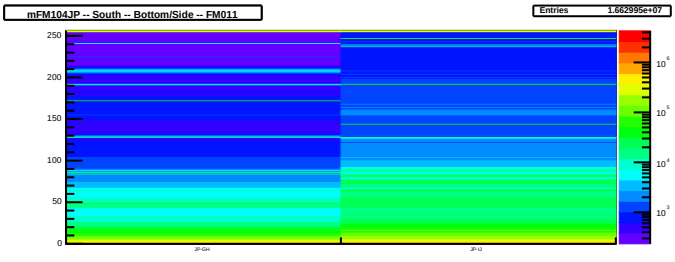

mFM104JPsim -- South -- Top -- FM010
Entries 3475394

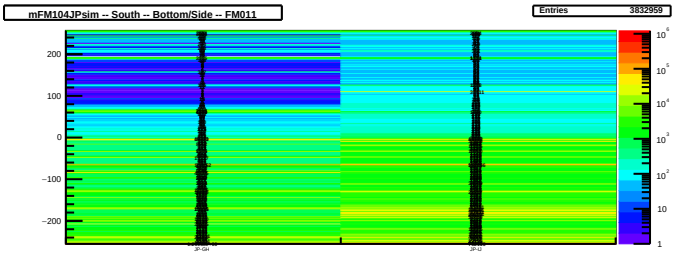

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3.32599e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 6606955


mFM104J -- South -- Bottom/Side -- FM011
Entries 8314976
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1859515
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.662995e+07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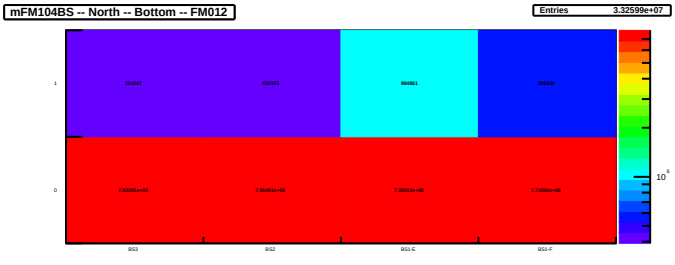
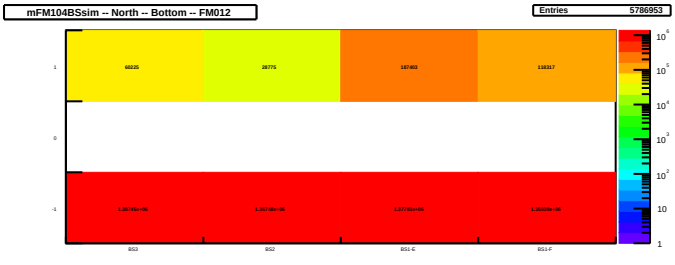
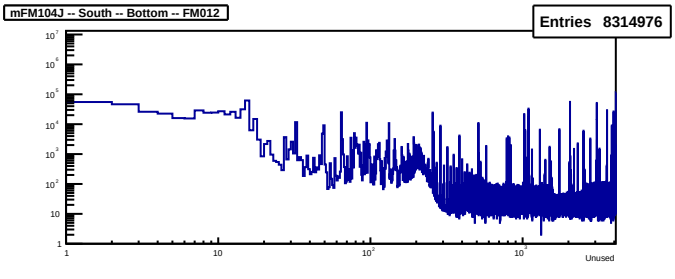
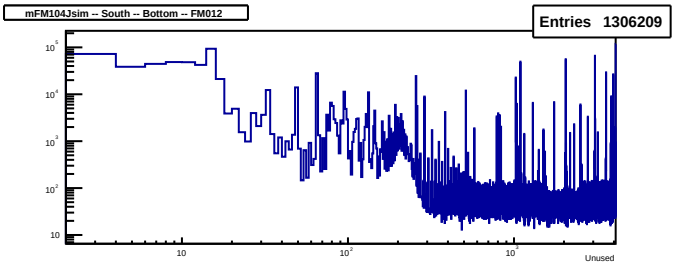
Entries 3832959


mFM104BS -- North -- Bottom -- FM012
Entries 3.32599e+07


mFM104BSsim -- North -- Bottom -- FM012
Entries 5786953


mFM104J -- South -- Bottom -- FM012
Entries 8314976
Unused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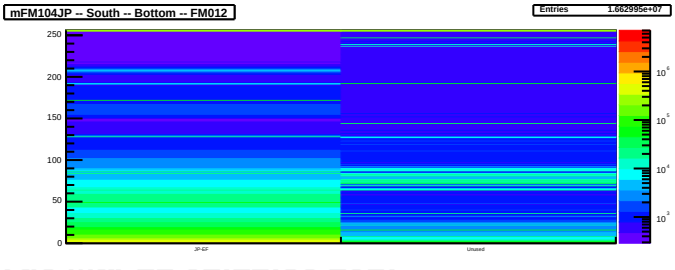
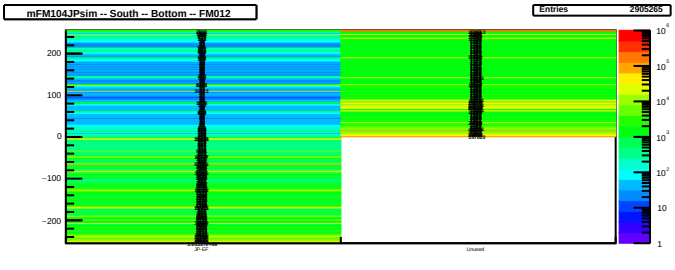
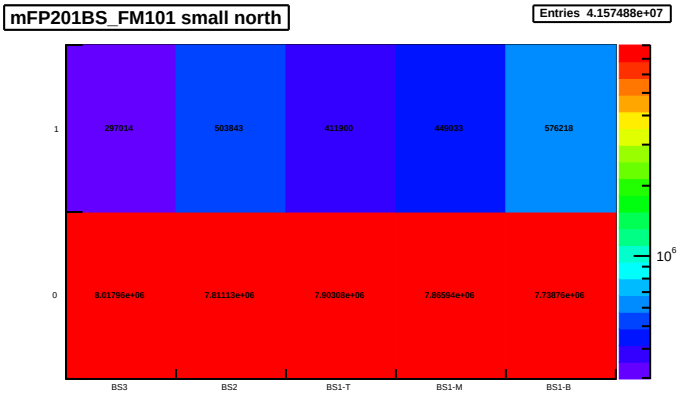
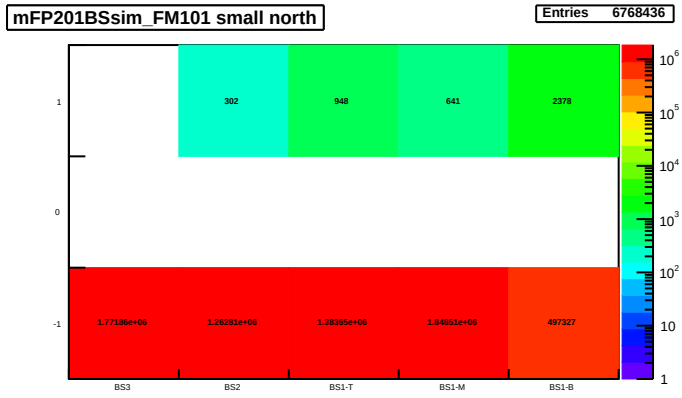
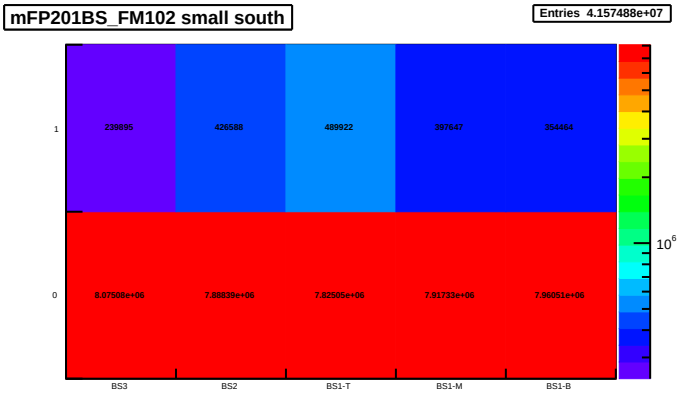
Entries 1306209
Unused

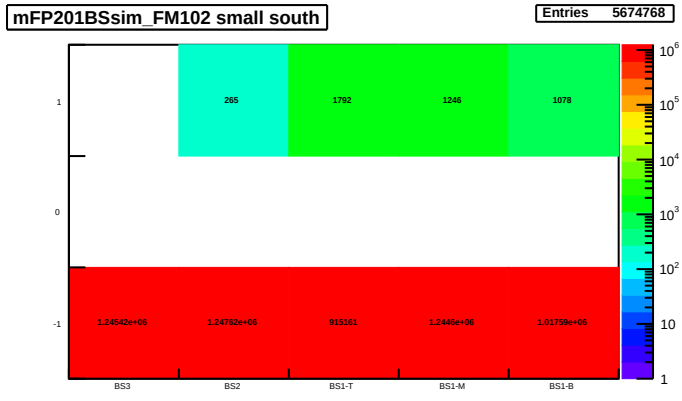

mFM104JP -- South -- Bottom -- FM012
Entries 1.662995e+07

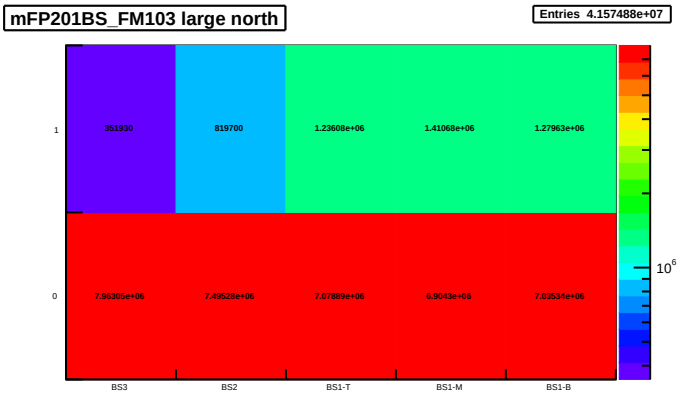

mFM104JPsim -- South -- Bottom -- FM012
Entries 2905265

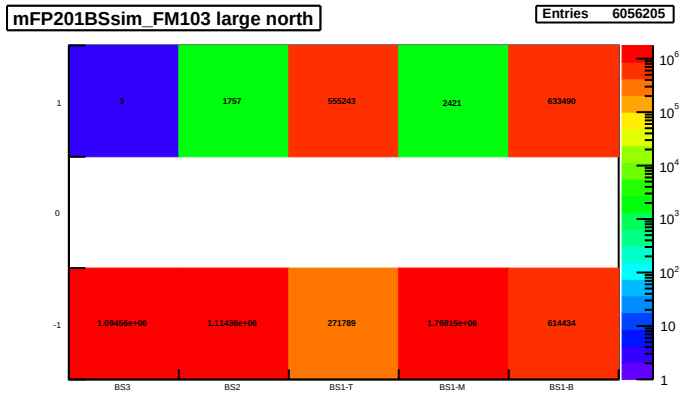

mFP201BS_FM101 small north
Entries 4.157488e+07
297014
503843
411900
449033
576218
8.01796e+06
7.81113e+06
7.90308e+06
7.86594e+06
7.73876e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

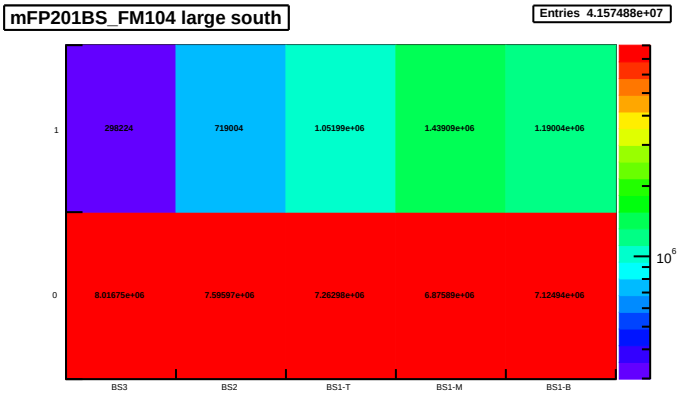

mFP201BSsim_FM101 small north
Entries 6768436
302
948
641
2378
1.77186e+06
1.26281e+06
1.38365e+06
1.84851e+06
497327
BS3
BS2
BS1-T
BS1-M
BS1-B

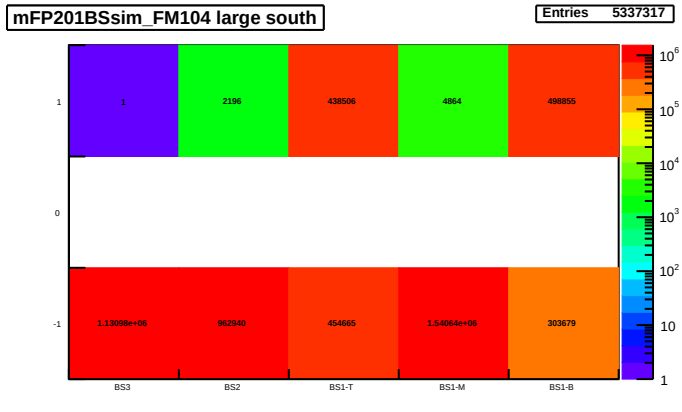

mFP201BS_FM102 small south
Entries 4.157488e+07
239895
426588
489922
397647
354464
8.07508e+06
7.88839e+06
7.82505e+06
7.91733e+06
7.96051e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

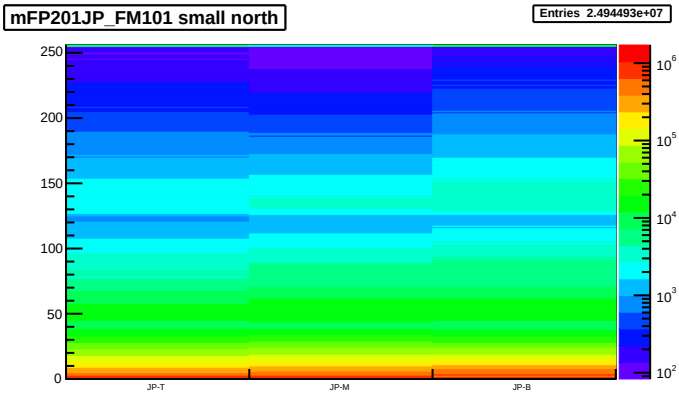

mFP201BSsim_FM102 small south
Entries 5674768
265
1792
1246
1078
1.24542e+06
1.24762e+06
915161
1.2446e+06
1.01759e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

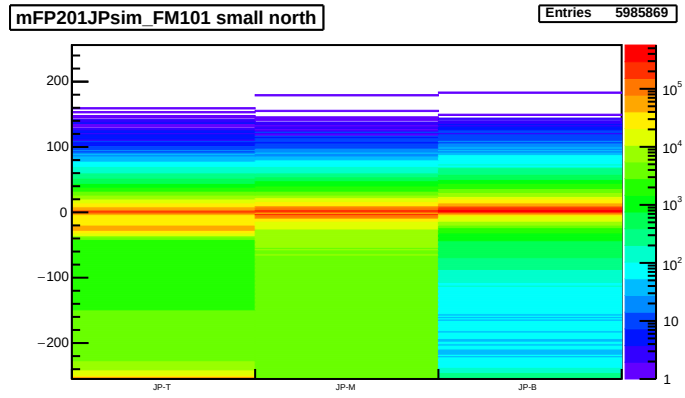

mFP201BS_FM103 large north
Entries 4.157488e+07
351930
819700
1.23608e+06
1.41068e+06
1.27963e+06
7.96305e+06
7.49528e+06
7.07889e+06
6.9043e+06
7.03534e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

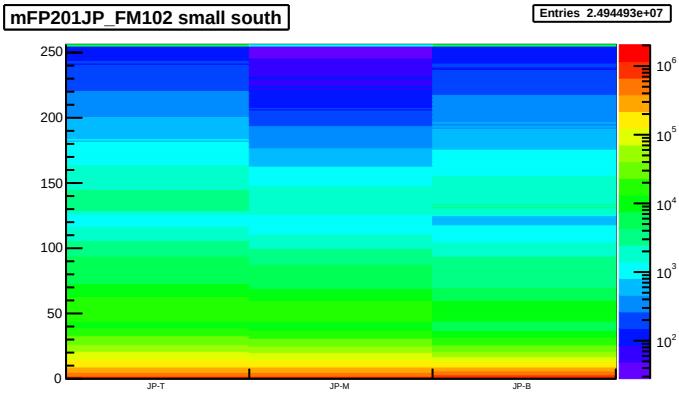

mFP201BSsim_FM103 large north
Entries 6056205
3
1757
555243
2421
633490
1.09456e+06
1.11436e+06
271789
1.76815e+06
614434
BS3
BS2
BS1-T
BS1-M
BS1-B

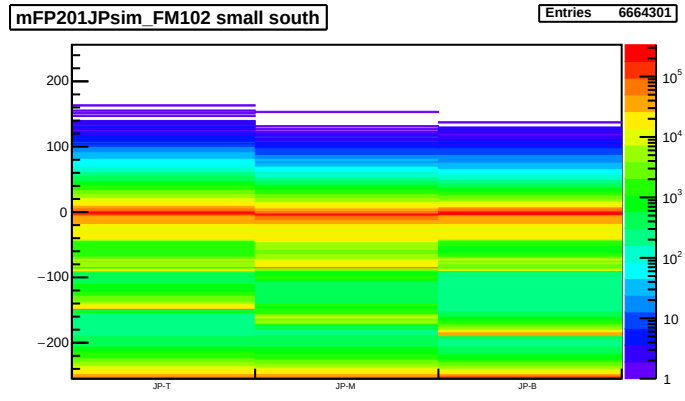

mFP201BS_FM104 large south
Entries 4.157488e+07
298224
719004
1.05199e+06
1.43909e+06
1.19004e+06
8.01675e+06
7.59597e+06
7.26298e+06
6.87589e+06
7.12494e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

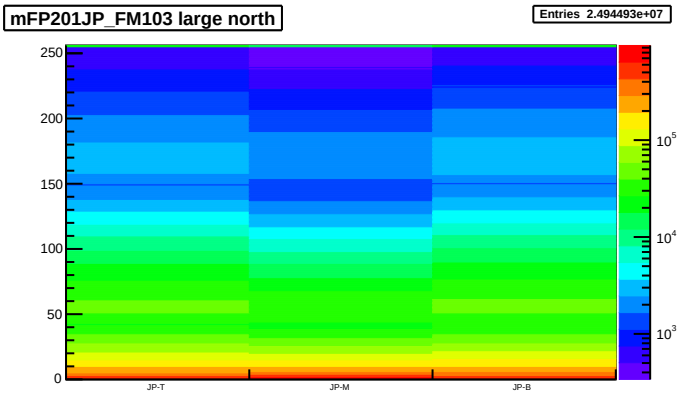

mFP201BSsim_FM104 large south
Entries 5337317
1
2196
438506
4864
498855
1.13098e+06
962940
454665
1.54064e+06
303679
BS3
BS2
BS1-T
BS1-M
BS1-B

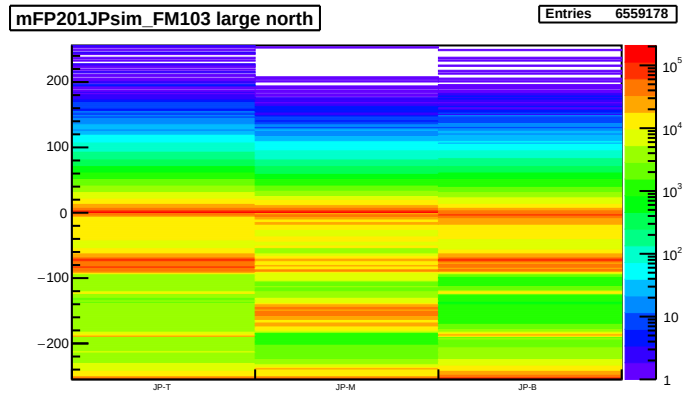

mFP201JP_FM101 small north
Entries 2.494493e+07
JP-T
JP-M
JP-B

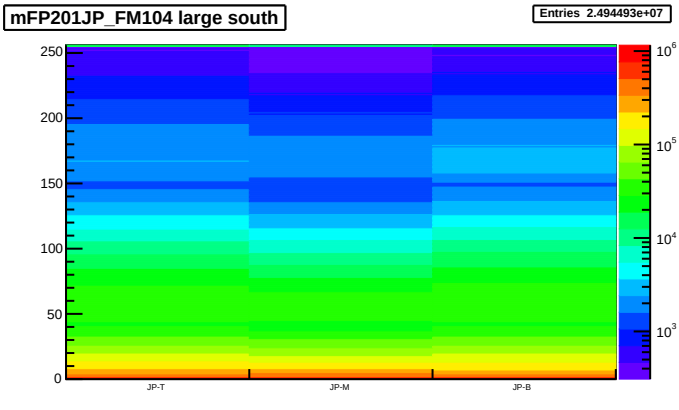

mFP201JPsim_FM101 small north
Entries 5985869
JP-T
JP-M
JP-B

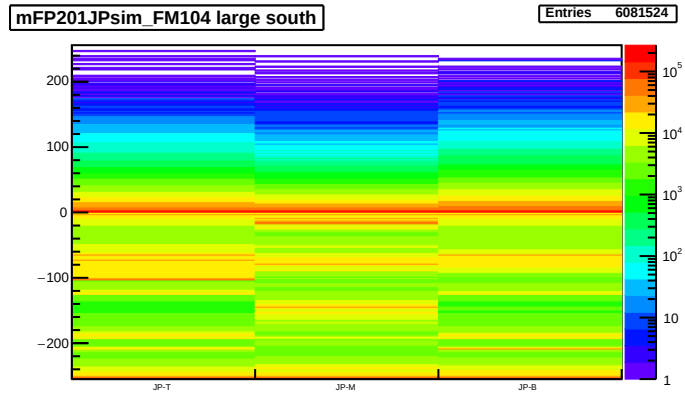

mFP201JP_FM102 small south
Entries 2.494493e+07
JP-T
JP-M
JP-B

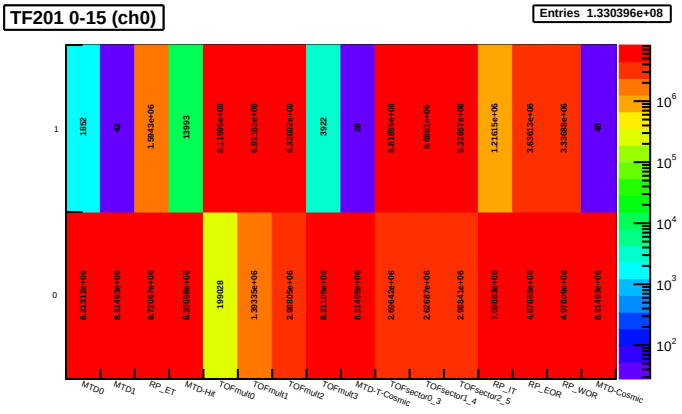

mFP201JPsim_FM102 small south
Entries 6664301
JP-T
JP-M
JP-B

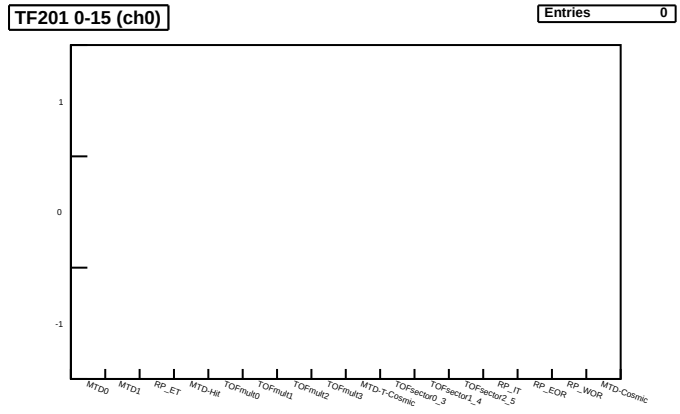

mFP201JP_FM103 large north
Entries 2.494493e+07
JP-T
JP-M
JP-B

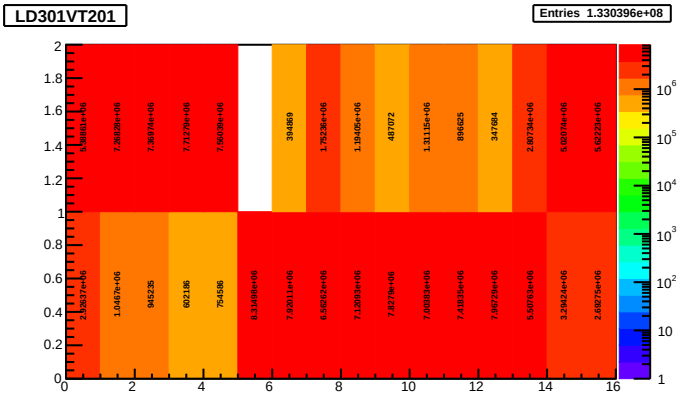

mFP201JPsim_FM103 large north
Entries 6559178
JP-T
JP-M
JP-B

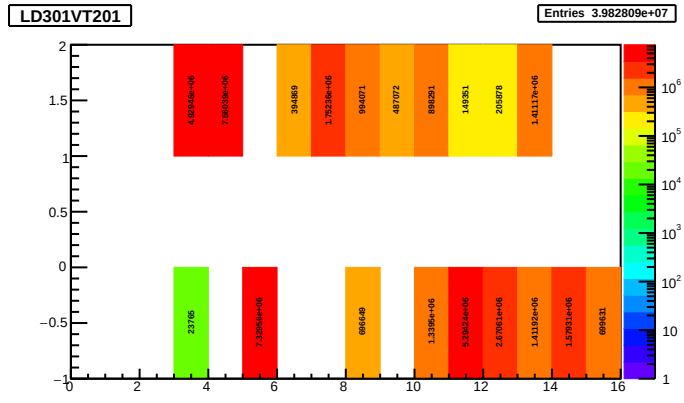

mFP201JP_FM104 large south
Entries 2.494493e+07
JP-T
JP-M
JP-B

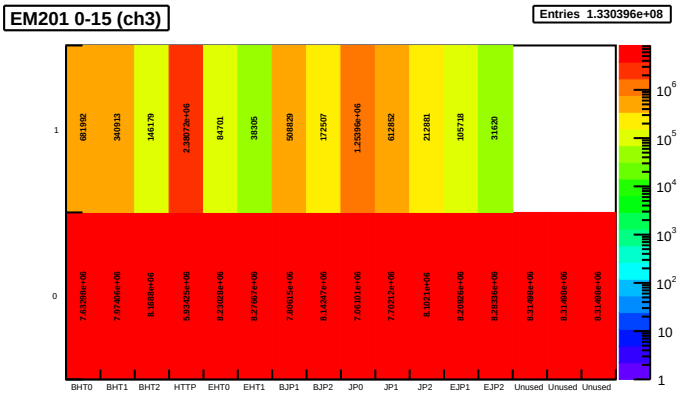

mFP201JPsim_FM104 large south
Entries 6081524
JP-T
JP-M
JP-B

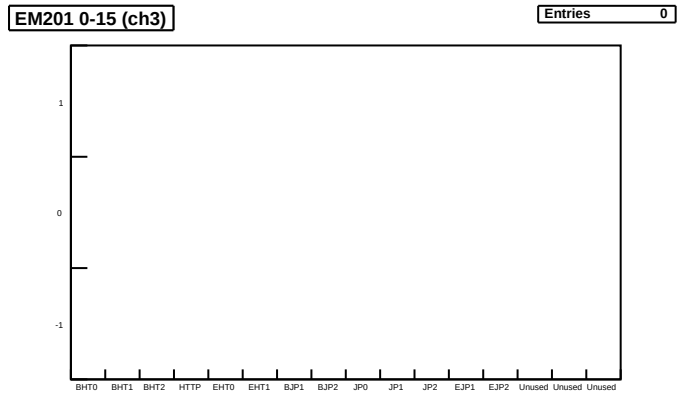

TF201 0-15 (ch0)
Entries 1.330396e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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 1.330396e+08


LD301VT201
Entries 3.982809e+07


EM201 0-15 (ch3)
Entries 1.330396e+08
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
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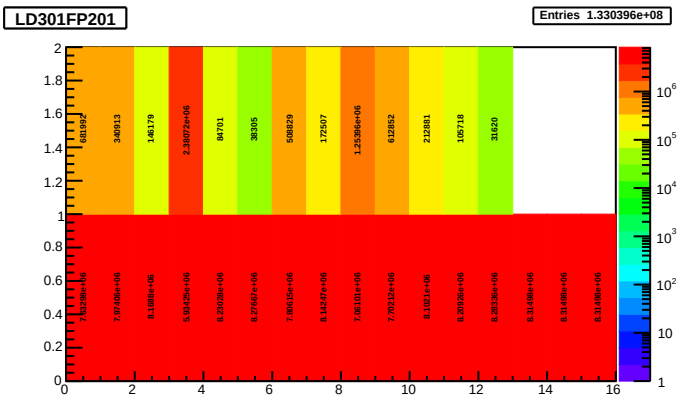
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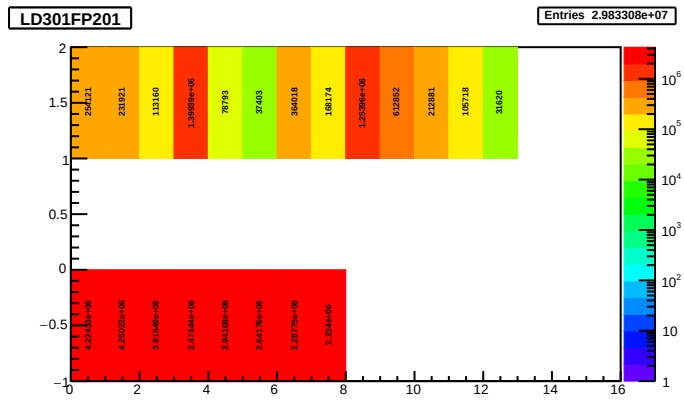
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