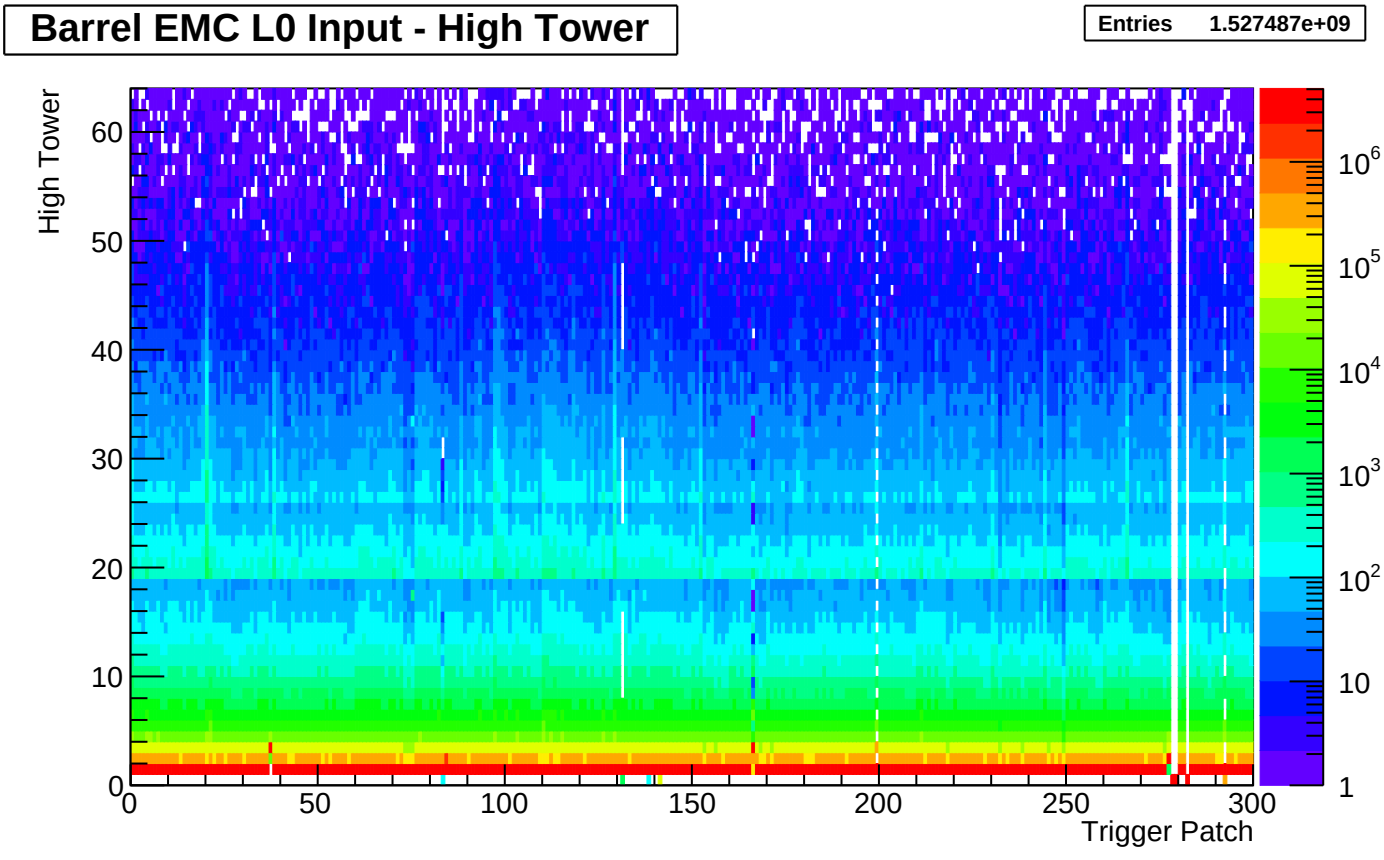
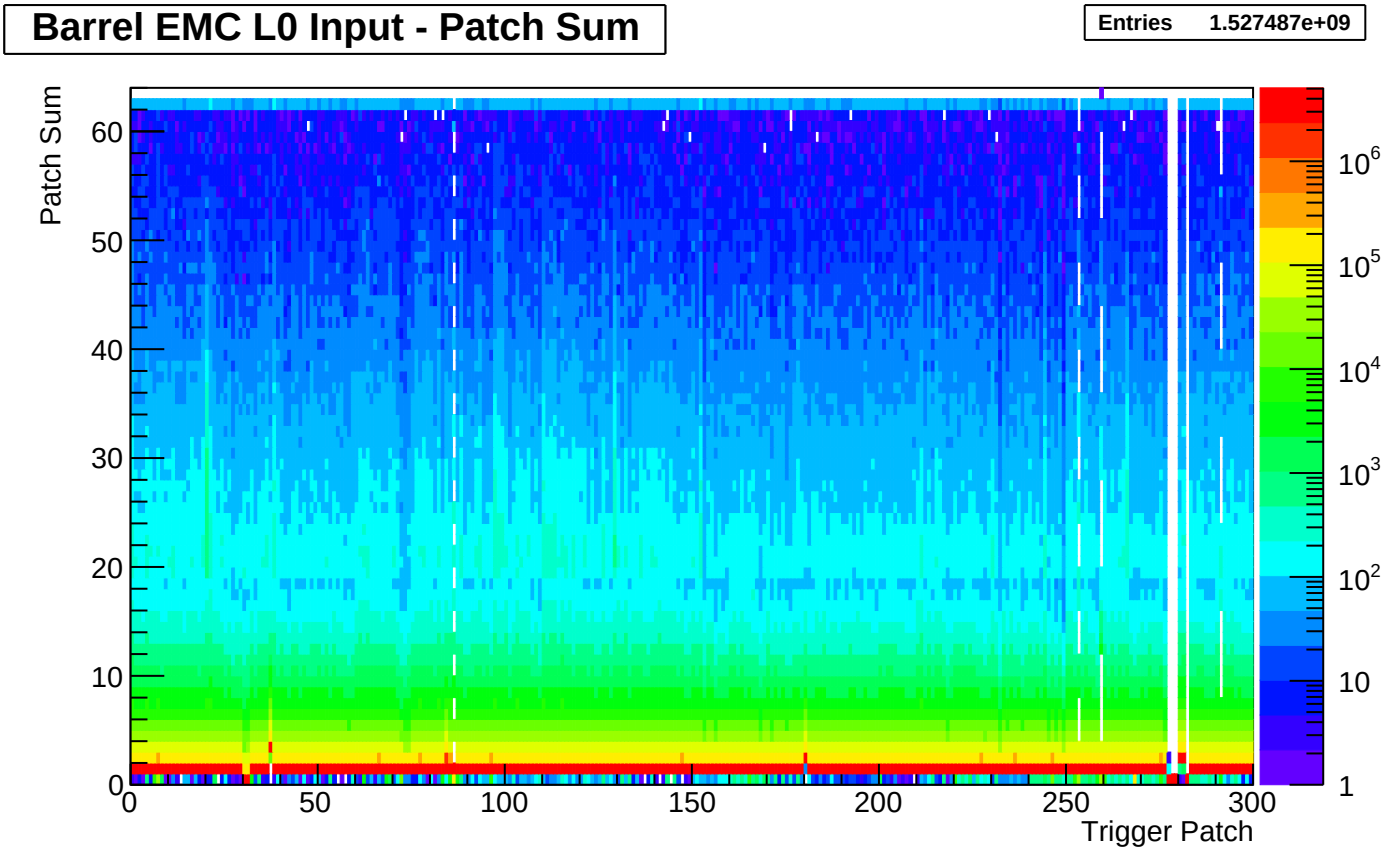
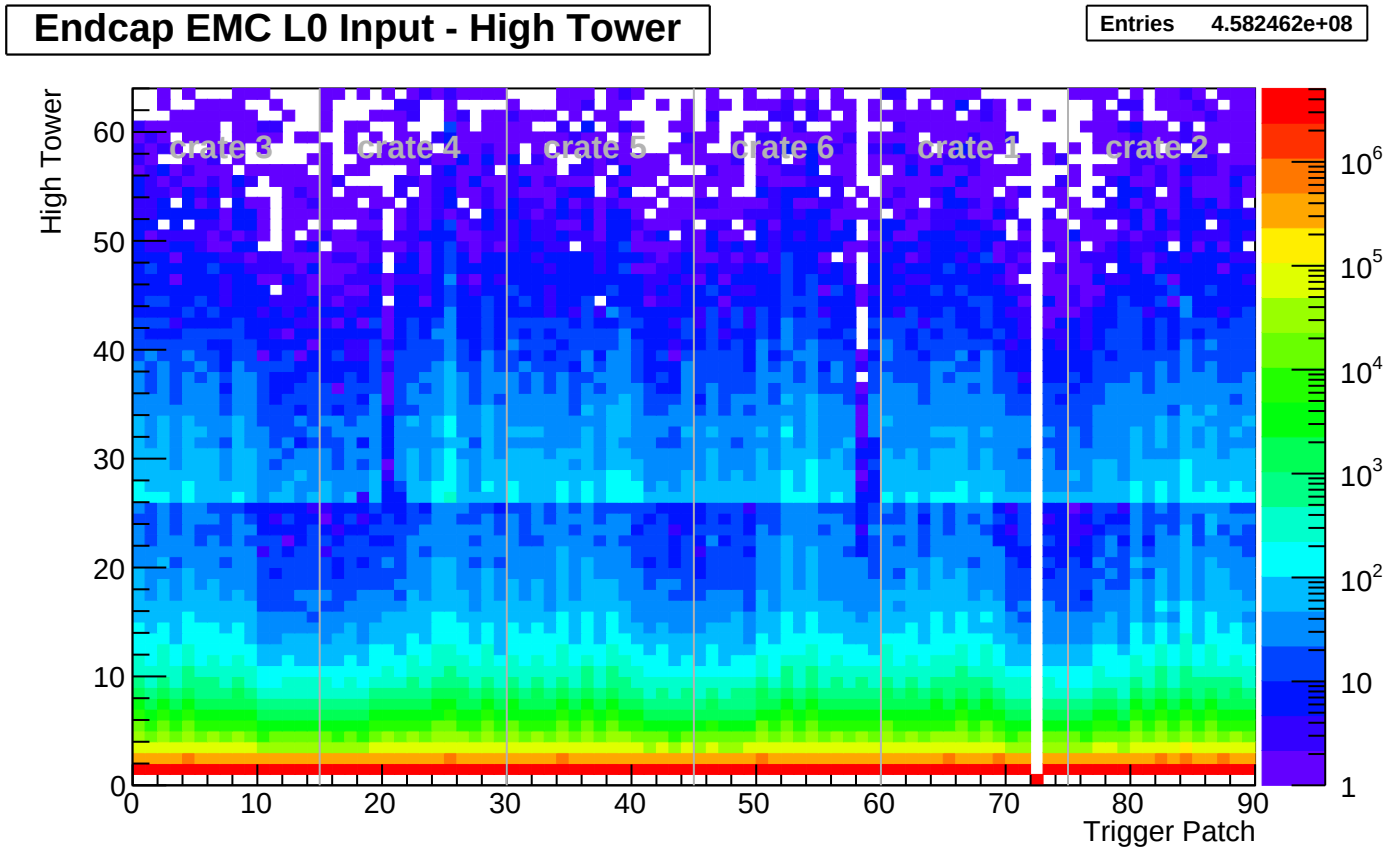
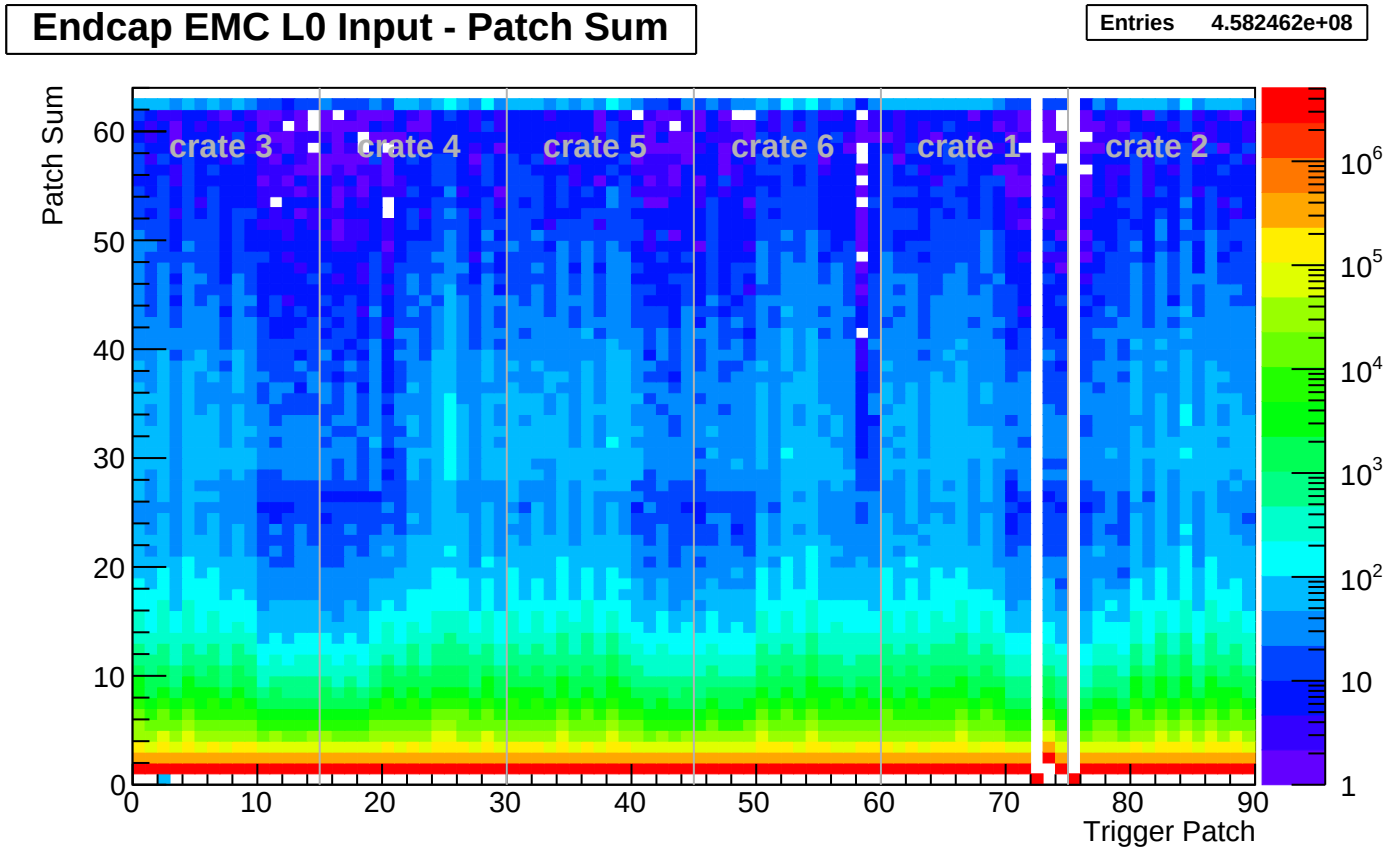
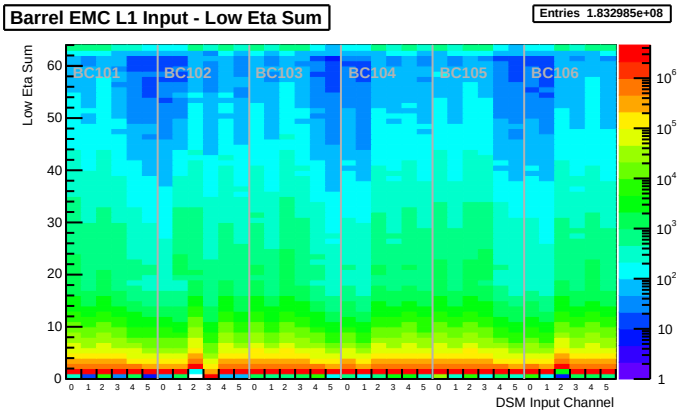
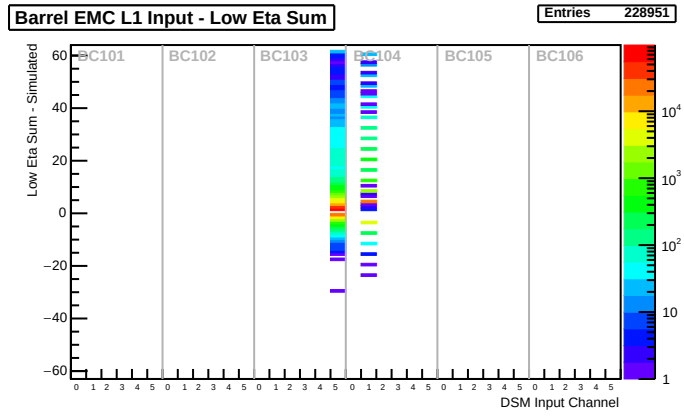

Barrel EMC L0 Input - High Tower
Entries 1.527487e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

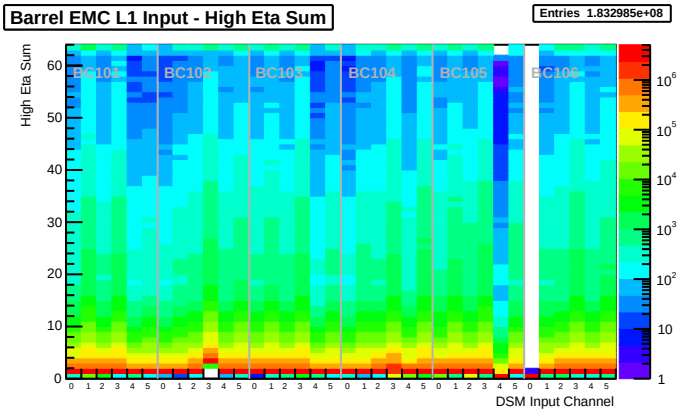

Barrel EMC L0 Input - Patch Sum
Entries 1.527487e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

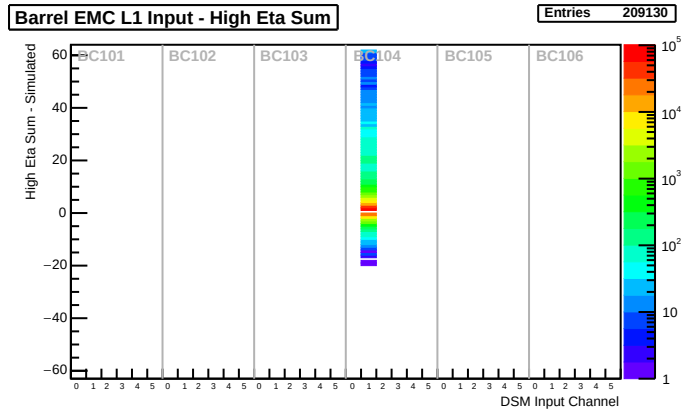

Endcap EMC L0 Input - High Tower
Entries 4.582462e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

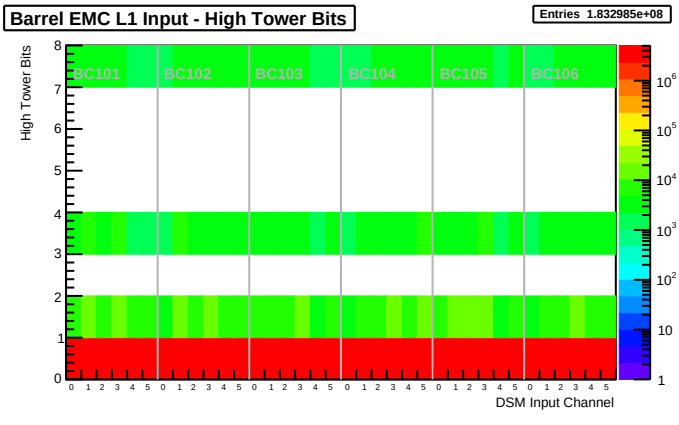

Endcap EMC L0 Input - Patch Sum
Entries 4.582462e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

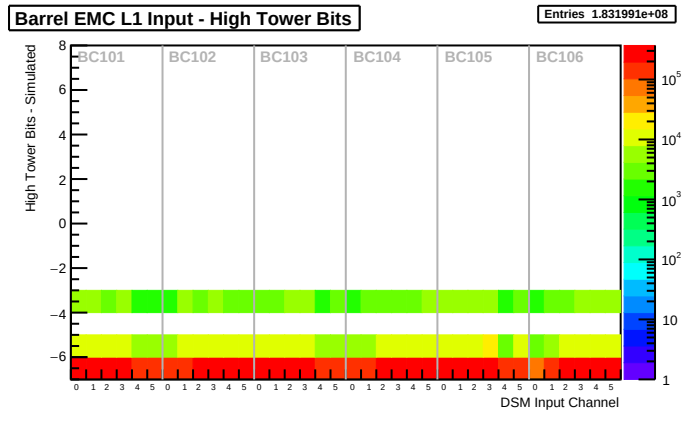

Barrel EMC L1 Input - Low Eta Sum
Entries 1.832985e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

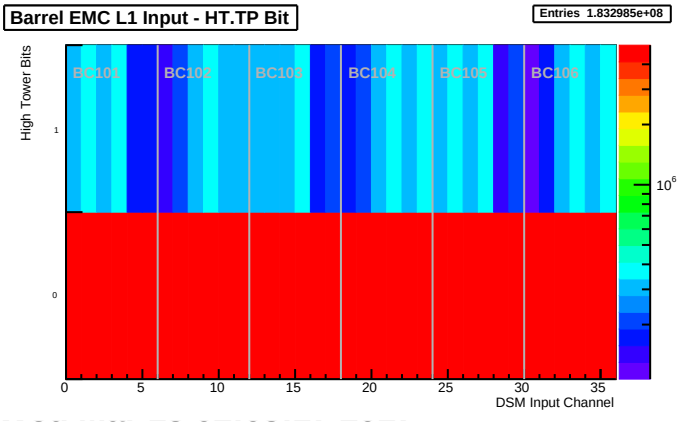

Barrel EMC L1 Input - Low Eta Sum
Entries 228951
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

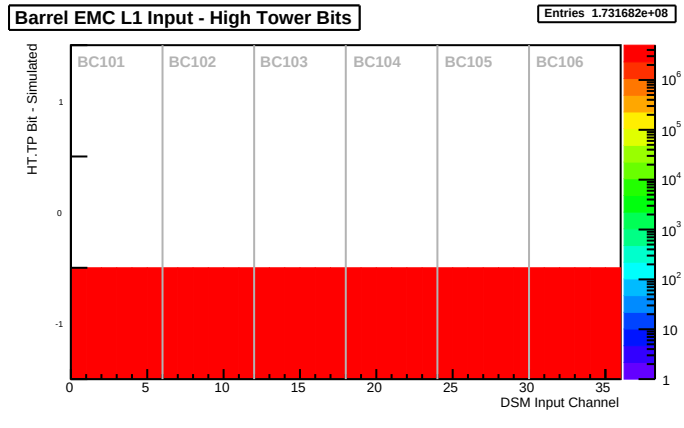

Barrel EMC L1 Input - High Eta Sum
Entries 1.832985e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

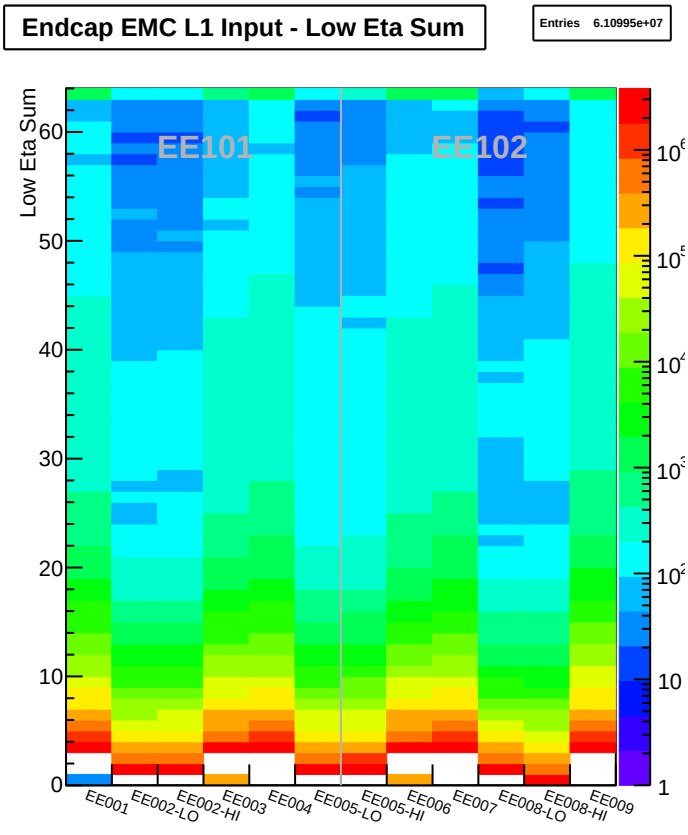

Barrel EMC L1 Input - High Eta Sum
Entries 209130
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

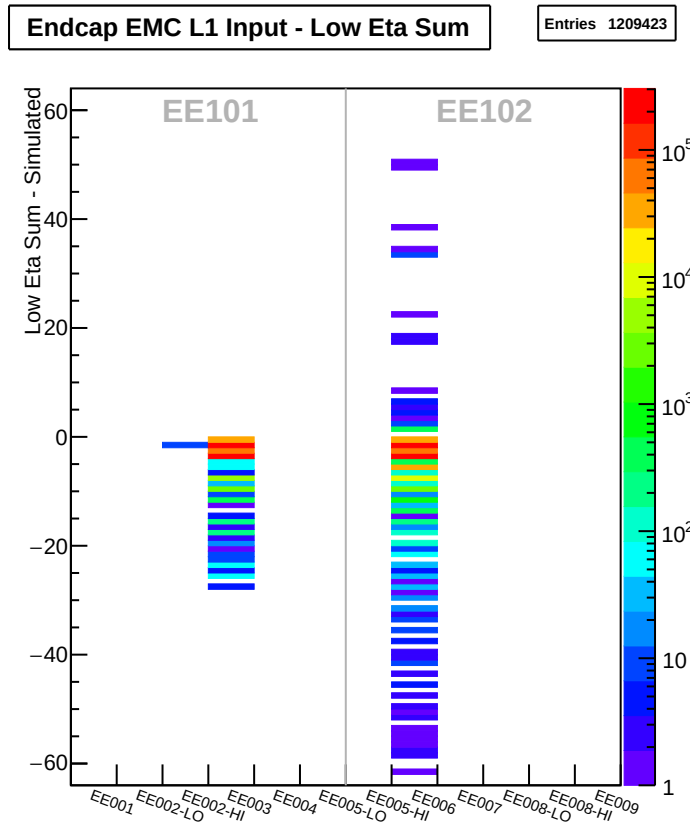

Barrel EMC L1 Input - High Tower Bits
Entries 1.832985e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

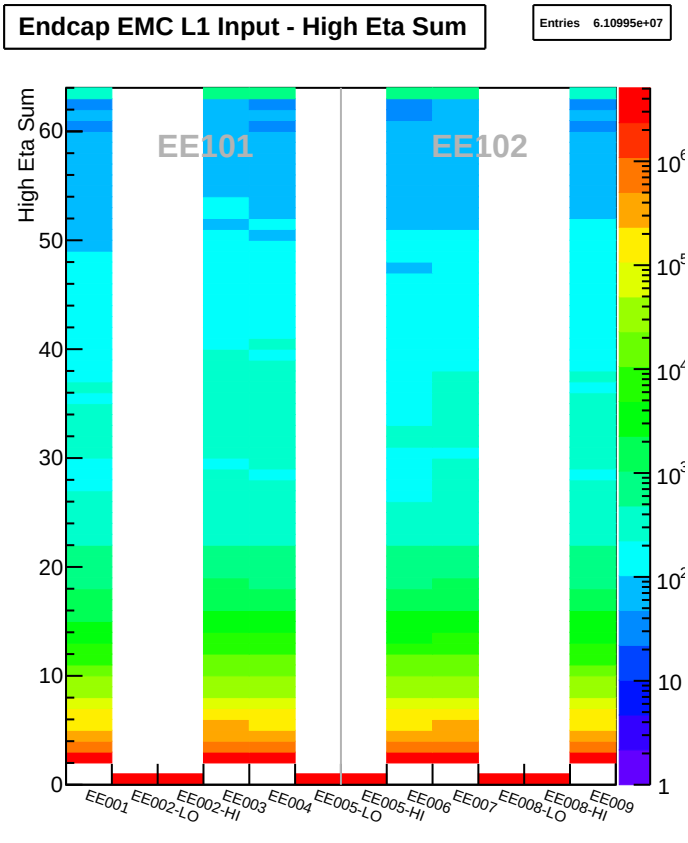

Barrel EMC L1 Input - High Tower Bits
Entries 1.831991e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

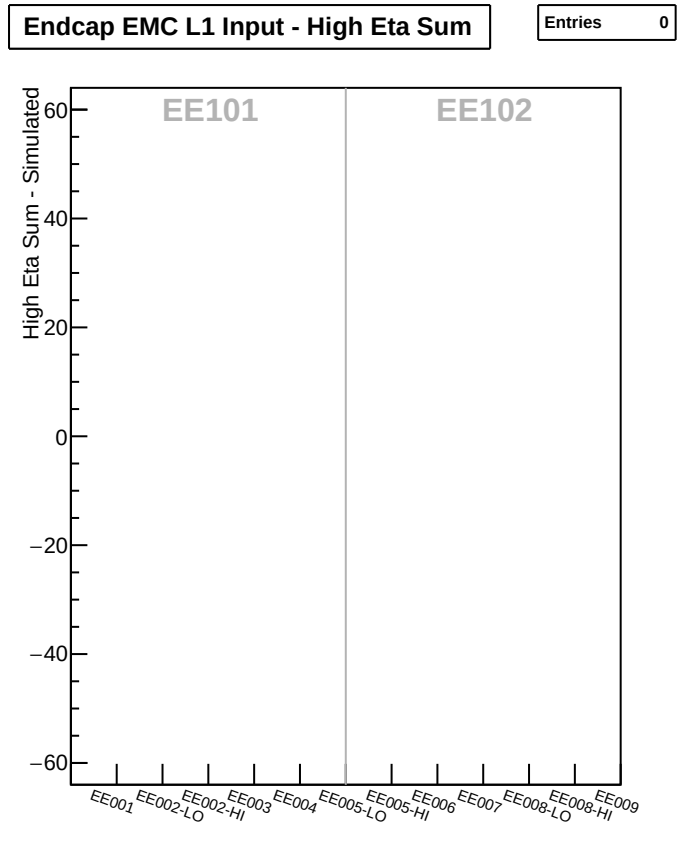

Barrel EMC L1 Input - HT.TP Bit
Entries 1.832985e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 1.731682e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 6.10995e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

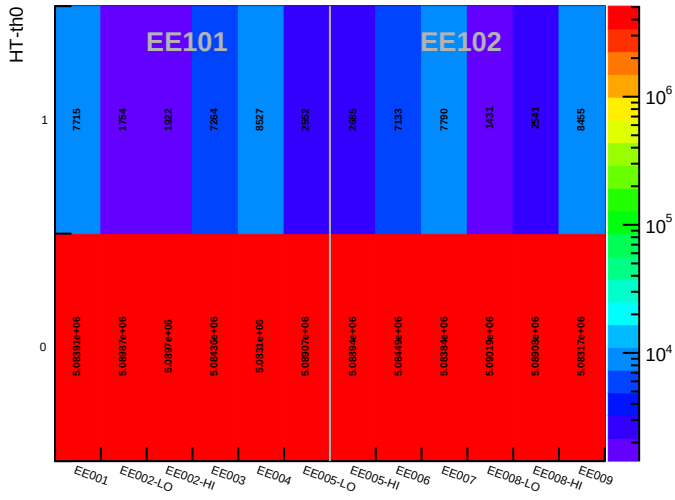

Endcap EMC L1 Input - Low Eta Sum
Entries 1209423
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 6.10995e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

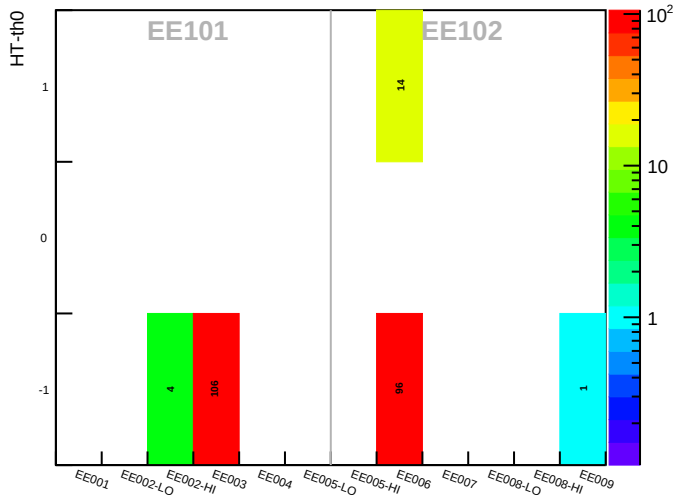
Endcap EMC L1 Input - HT-th0

Entries 6.10995e+07



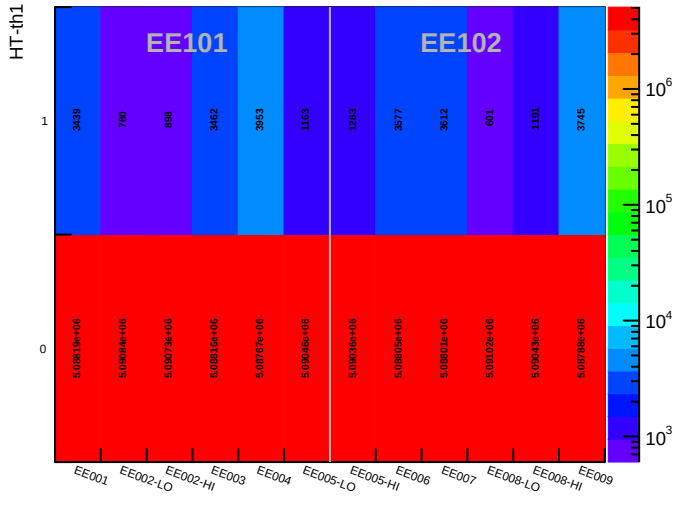
Endcap EMC L1 Input - HT-th0 Diff

Entries 221



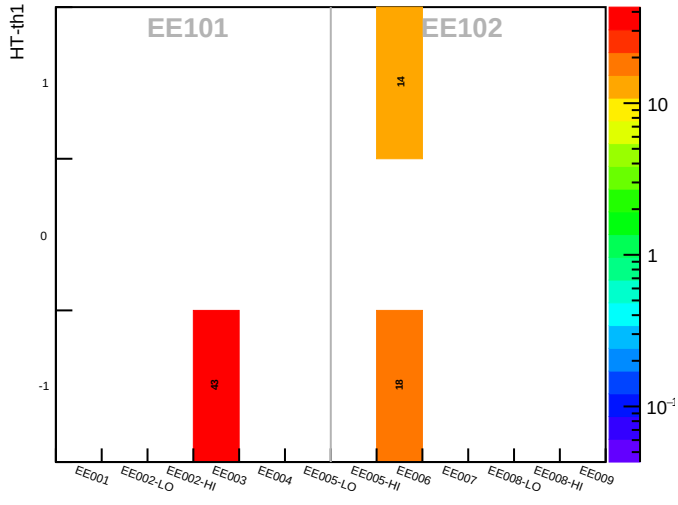
Endcap EMC L1 Input - HT-th1

Entries 6.10995e+07



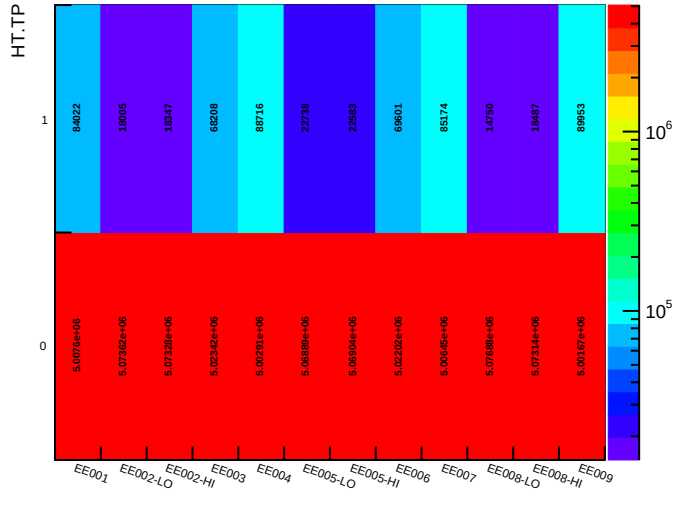
Endcap EMC L1 Input - HT-th1 Diff

Entries 75



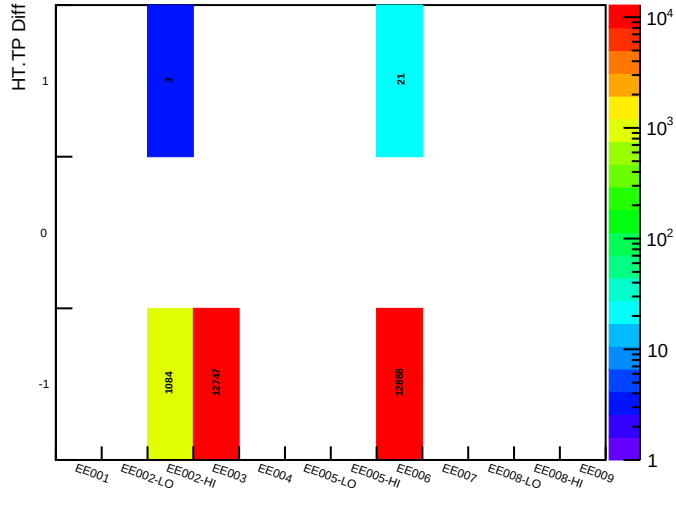
Endcap EMC L1 Input - HT.TP

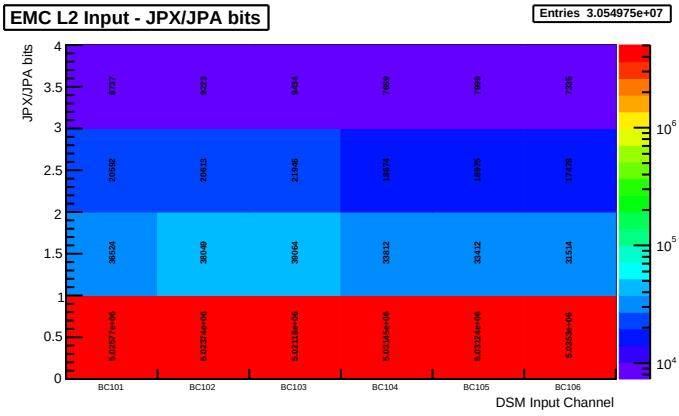
Entries 6.10995e+07

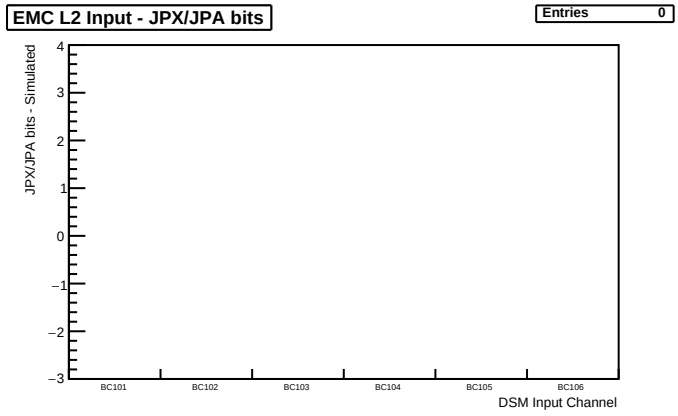


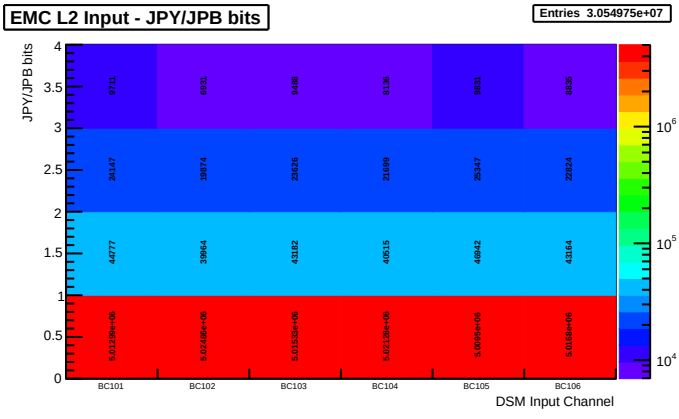
Endcap EMC L1 Input - HT.TP Diff

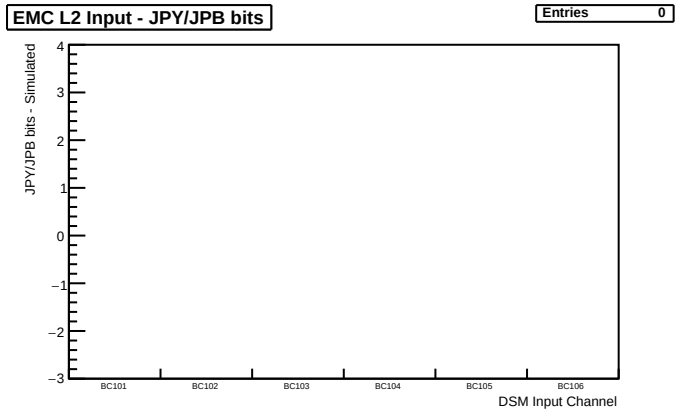
Entries 26723

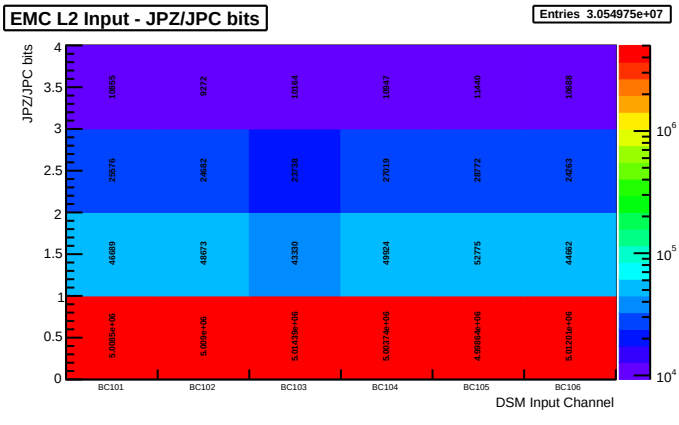


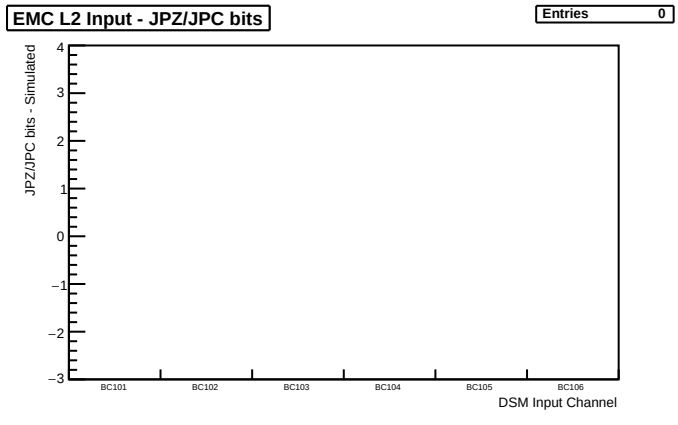

EMC L2 Input - JPX/JPA bits
Entries 3.054975e+07
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
8727 9223 9434 7699 7699 7335
20532 20613 21946 18874 18975 17478
36324 38049 38064 33812 33412 31514
5.02577e+06 5.02374e+06 5.02118e+06 5.03145e+06 5.03124e+06 5.0353e+06

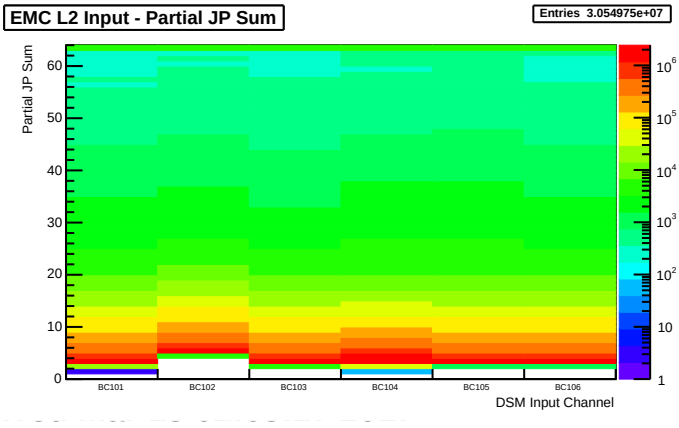

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

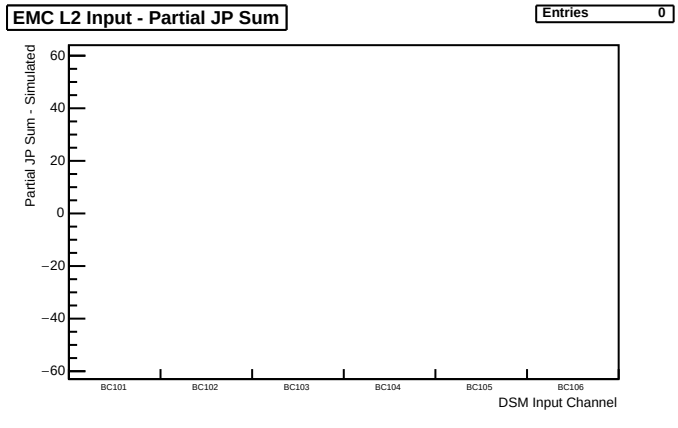

EMC L2 Input - JPY/JPB bits
Entries 3.054975e+07
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
9711 6931 9488 8136 9831 8835
24147 19974 23926 21699 25347 22824
44777 39964 43192 40515 46942 43164
5.01299e+06 5.02485e+06 5.01533e+06 5.02128e+06 5.0095e+06 5.0169e+06

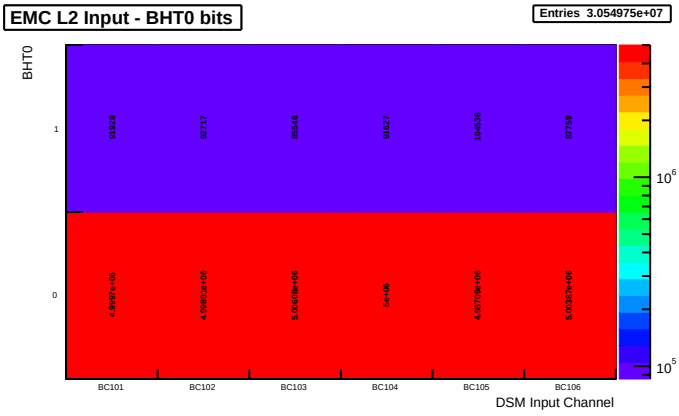

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

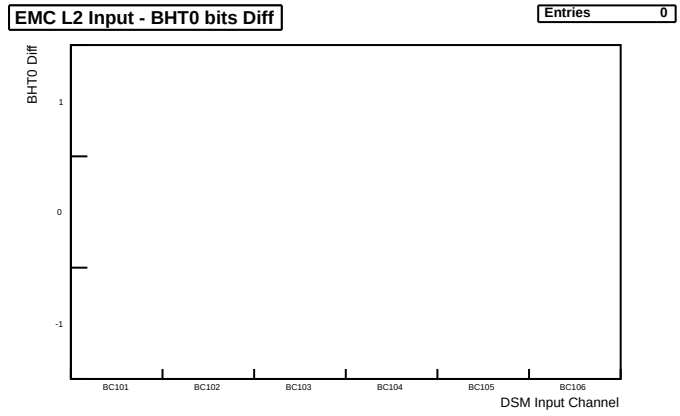

EMC L2 Input - JPZ/JPC bits
Entries 3.054975e+07
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
10855 9272 10154 10947 11040 10688
25576 24832 22738 27519 28772 24563
46689 48673 43330 49924 52775 44662
5.0085e+06 5.059e+06 5.01439e+06 5.00374e+06 4.99954e+06 5.01201e+06

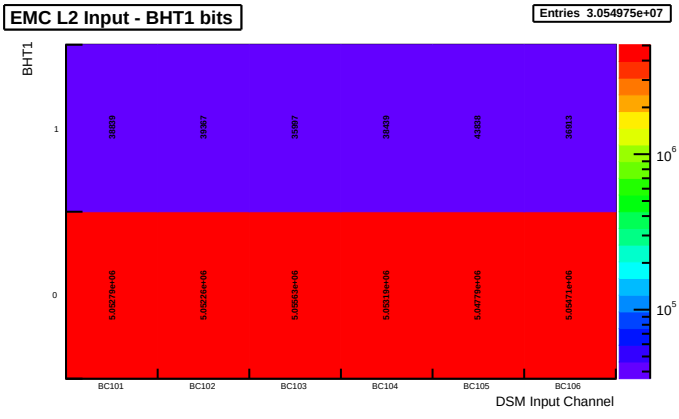

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

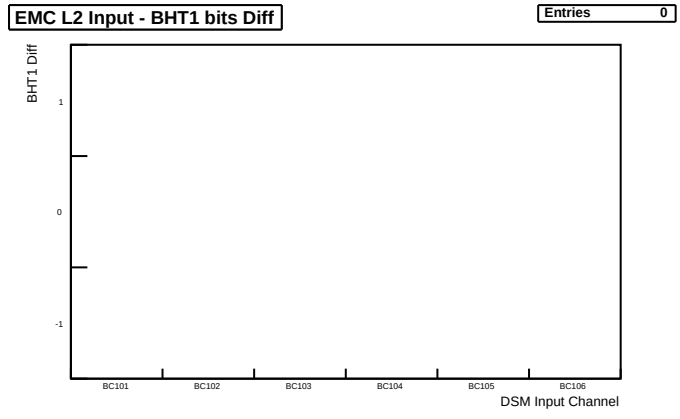

EMC L2 Input - Partial JP Sum
Entries 3.054975e+07
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

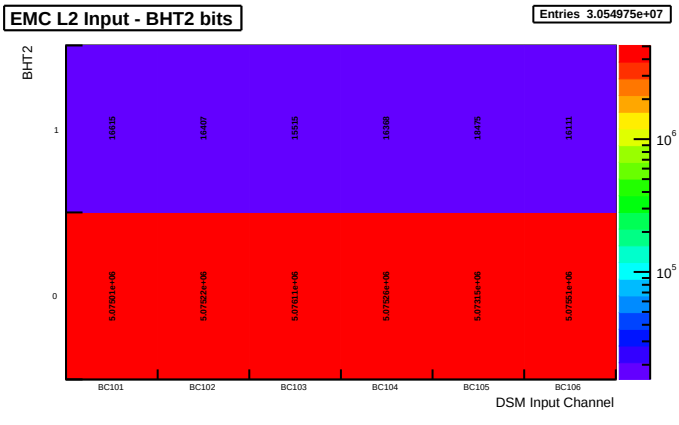

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

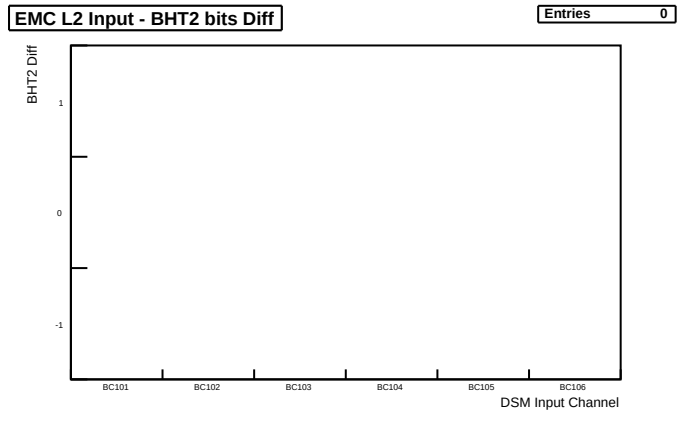

EMC L2 Input - BHT0 bits
Entries 3.054975e+07
BHT0
1
0
91928
92717
95546
91627
104536
97759
4.9997e+06
4.9893e+06
5.05609e+06
5e+06
4.99709e+06
5.03387e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

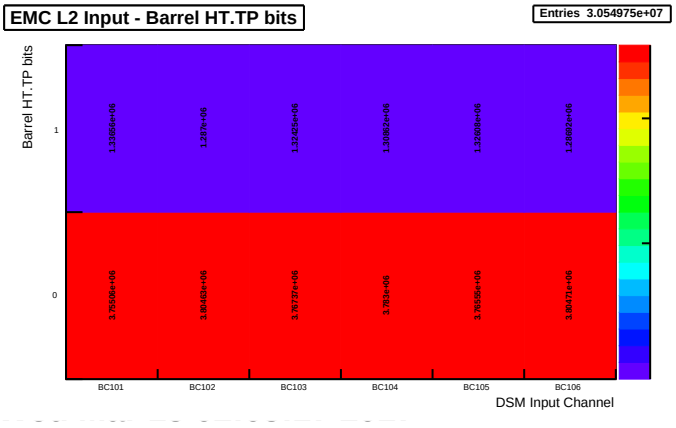

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

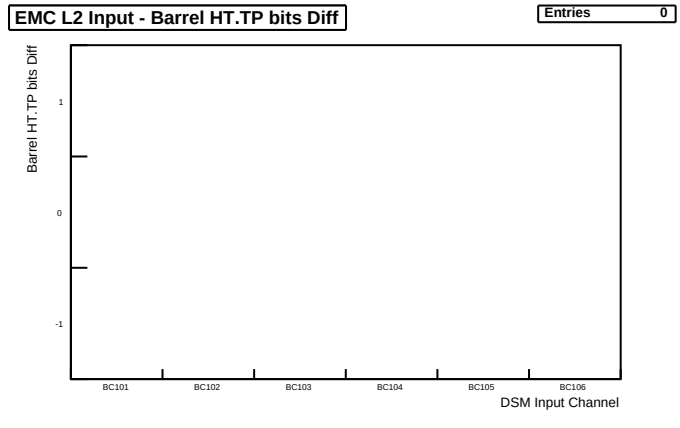

EMC L2 Input - BHT1 bits
Entries 3.054975e+07
BHT1
1
0
33839
33987
35997
35439
43838
35913
5.05279e+06
5.05226e+06
5.05563e+06
5.05319e+06
5.04779e+06
5.05971e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

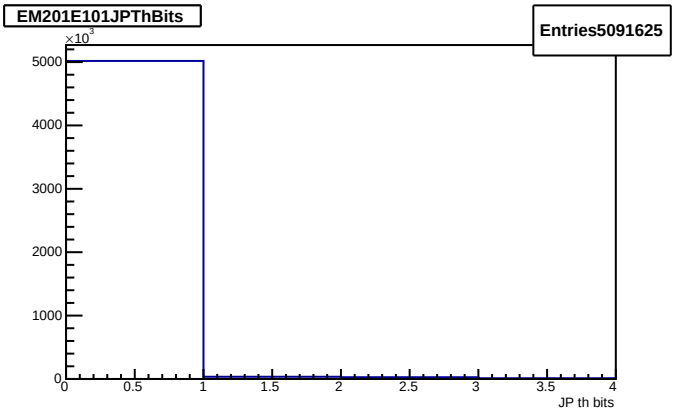

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

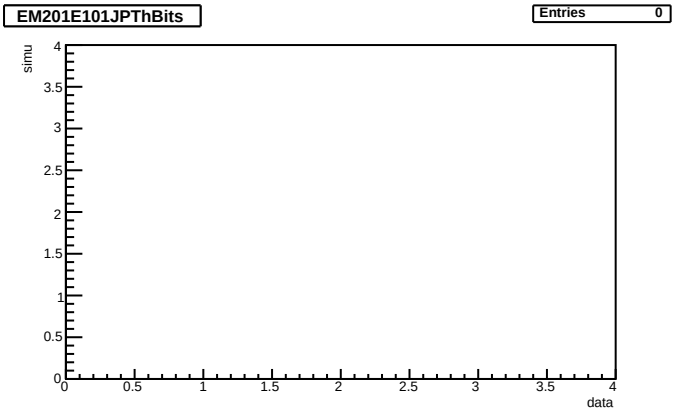

EMC L2 Input - BHT2 bits
Entries 3.054975e+07
BHT2
1
0
16535
16407
15515
16538
19375
16511
5.07501e+06
5.07522e+06
5.07611e+06
5.07526e+06
5.07315e+06
5.07551e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

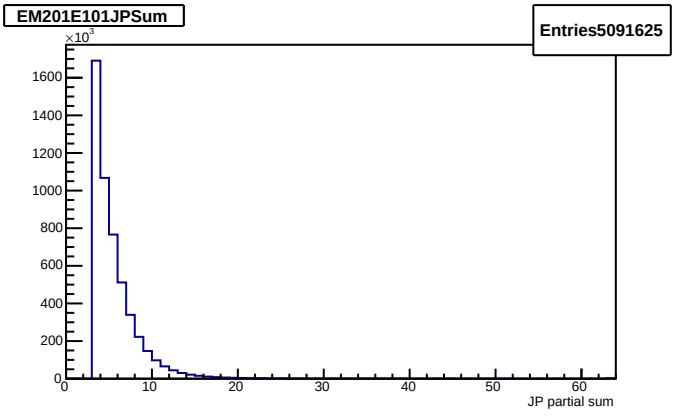

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

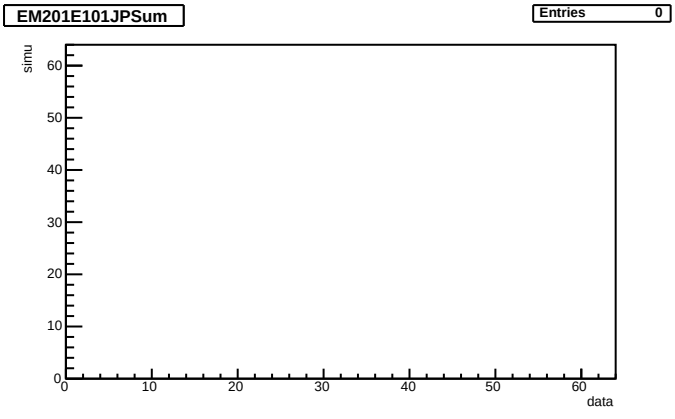

EMC L2 Input - Barrel HT.TP bits
Entries 3.054975e+07
Barrel HT.TP bits
1
0
1.33456e+06
1.237e+06
1.32425e+06
1.30382e+06
1.32209e+06
1.28692e+06
3.75506e+06
3.80463e+06
3.76737e+06
3.783e+06
3.76559e+06
3.80471e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

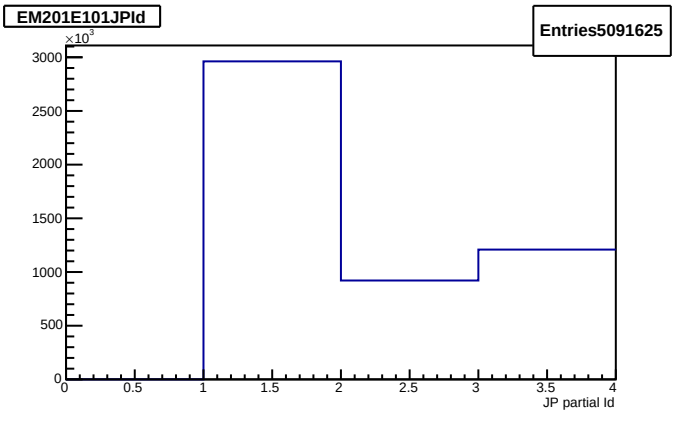

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

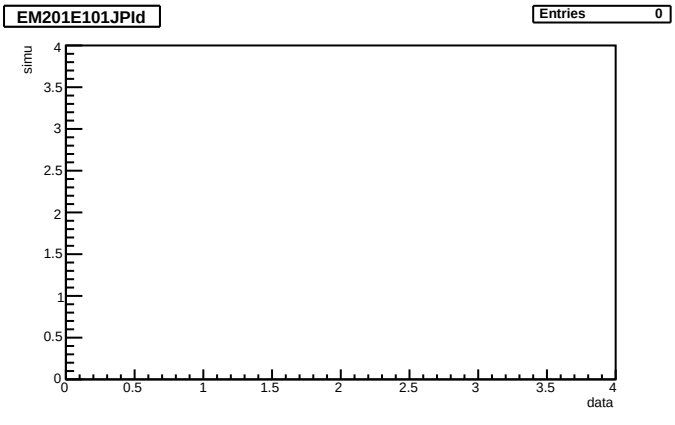

EM201E101JPThBits
Entries5091625
×10^3
JP th bits

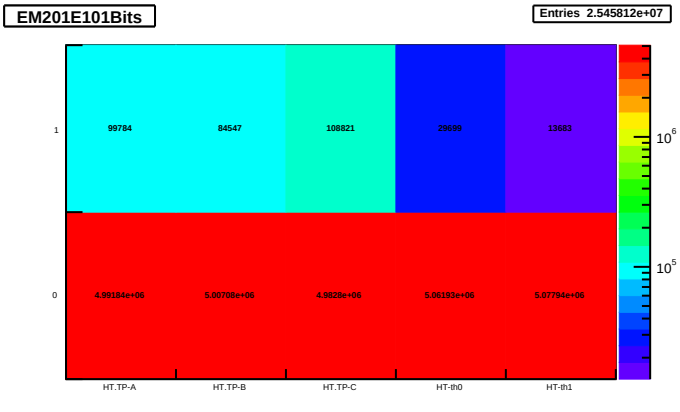

EM201E101JPThBits
Entries 0
simu
data

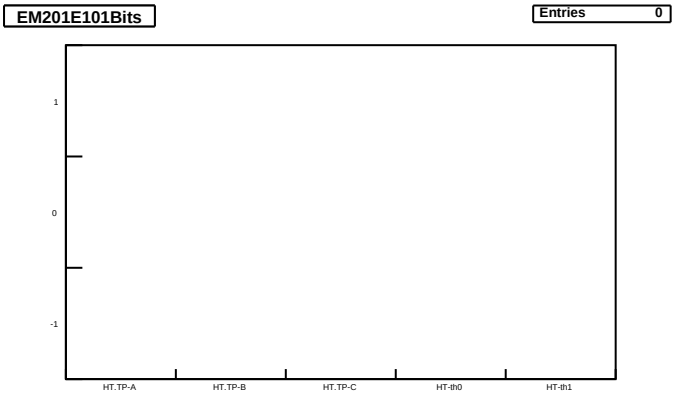

EM201E101JPSum
Entries5091625
×10^3
JP partial sum

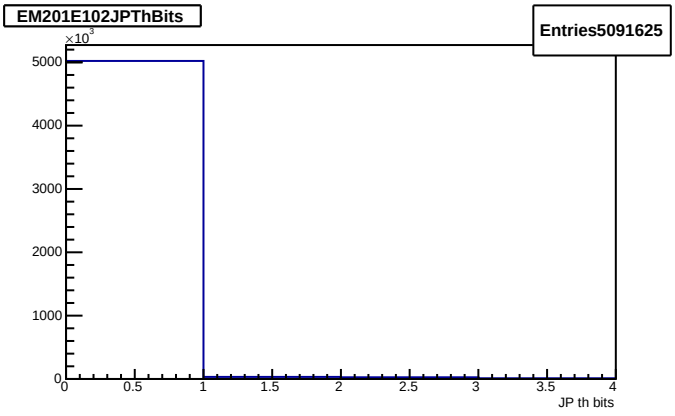

EM201E101JPSum
Entries 0
simu
data

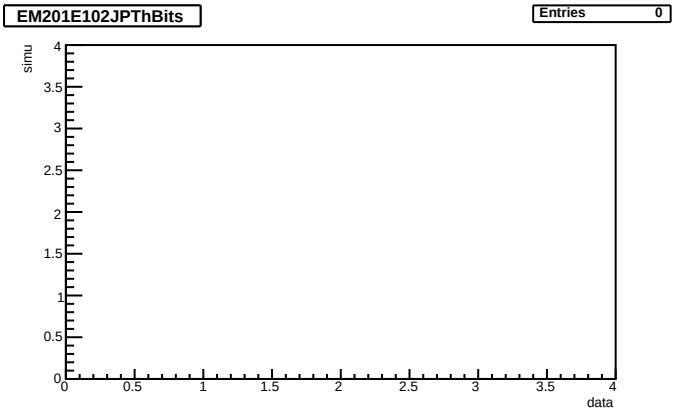

EM201E101JPId
Entries5091625
×10^3
JP partial Id

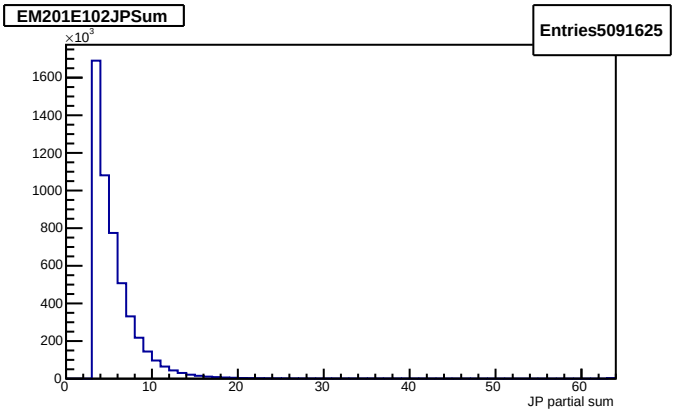

EM201E101JPId
Entries 0
simu
data

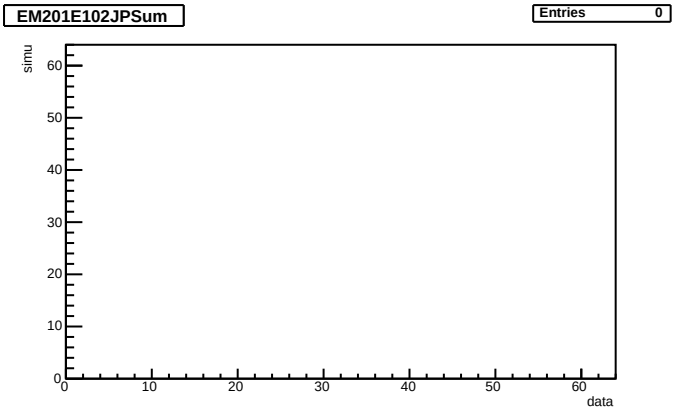

EM201E101Bits
Entries 2.545812e+07
99784
84547
108821
29699
13683
4.99184e+06
5.00708e+06
4.9828e+06
5.06193e+06
5.07794e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

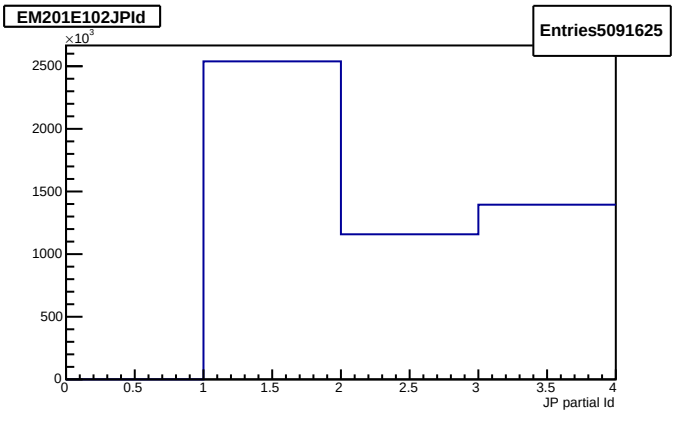

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

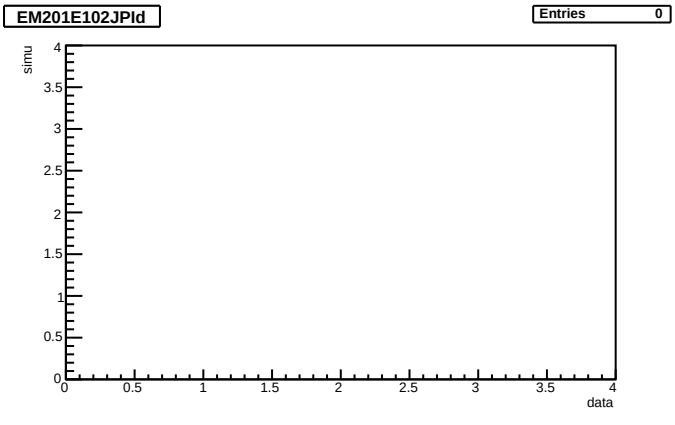

EM201E102JPThBits
Entries5091625
×10^3
JP th bits

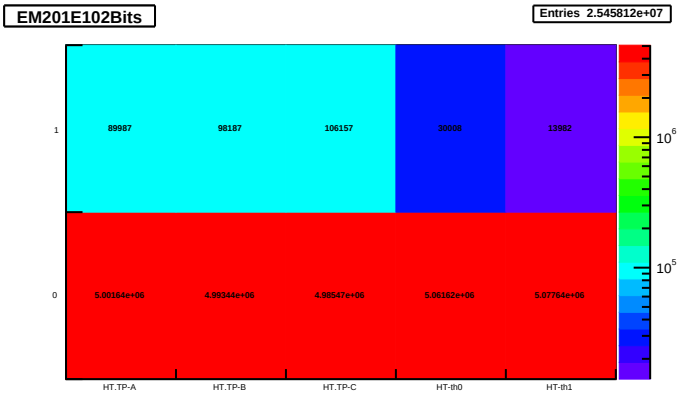

EM201E102JPThBits
Entries 0
simu
data

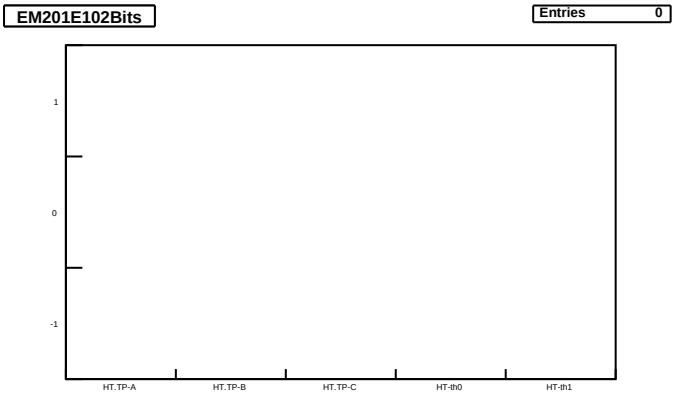

EM201E102JPSum
Entries5091625
×10^3
JP partial sum

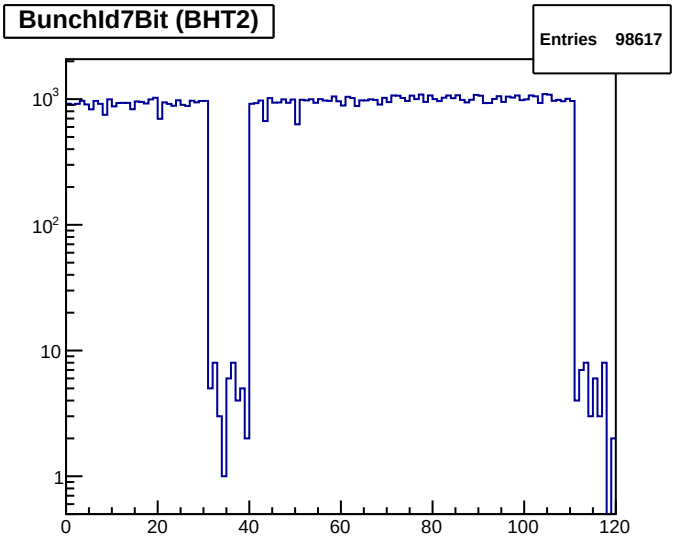

EM201E102JPSum
Entries 0
simu
data

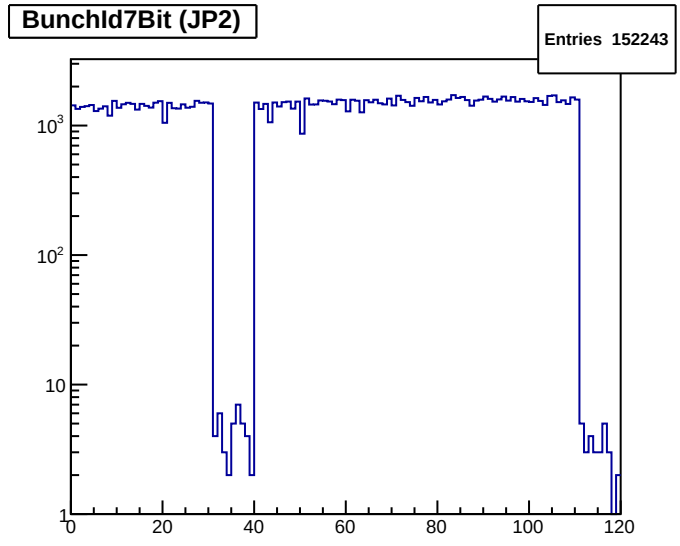

EM201E102JPId
Entries5091625
×10^3
JP partial Id

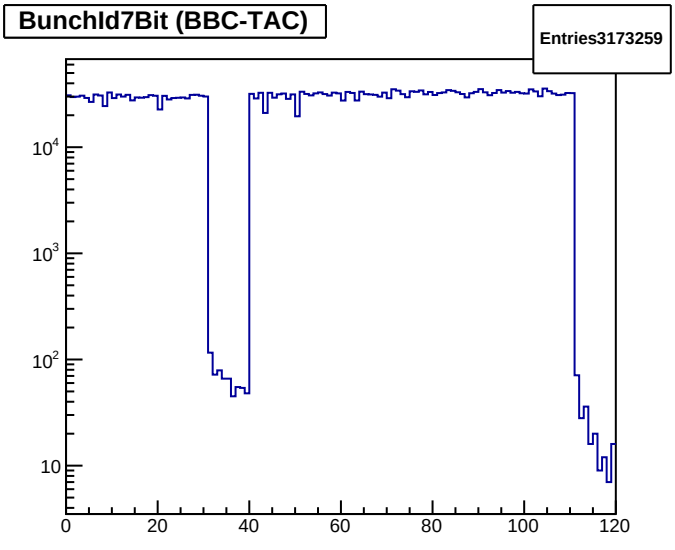

EM201E102JPId
Entries 0
simu
data

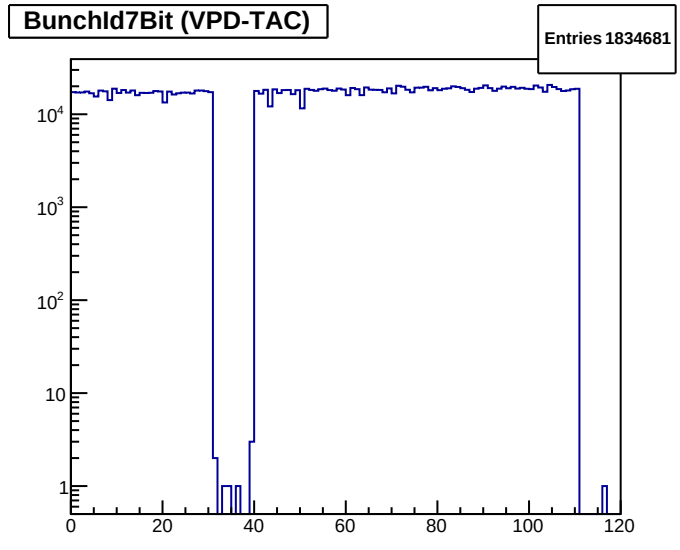

EM201E102Bits
Entries 2.545812e+07
89987
98187
106157
30008
13982
5.00164e+06
4.99344e+06
4.98547e+06
5.06162e+06
5.07764e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

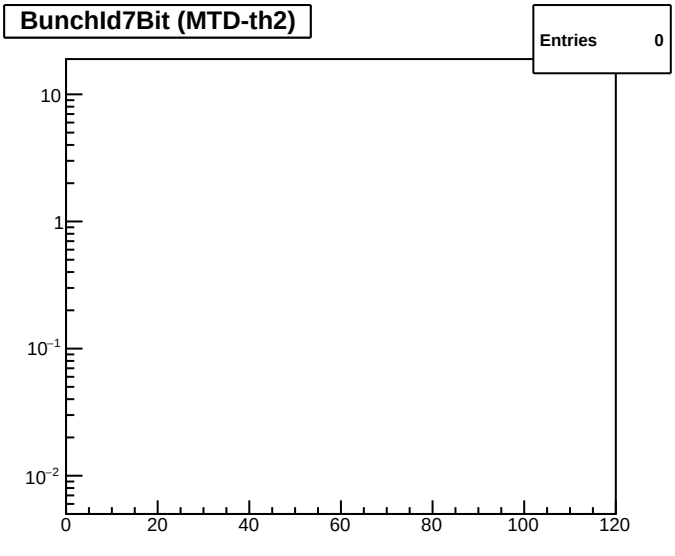

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

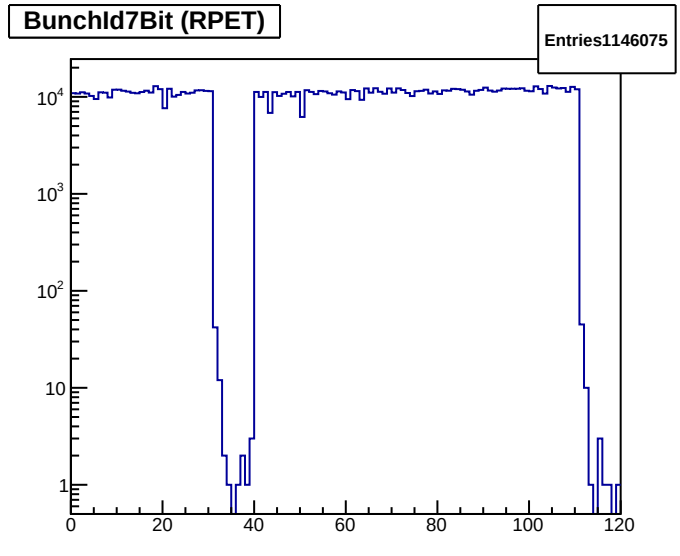

BunchId7Bit (BHT2)
Entries 98617

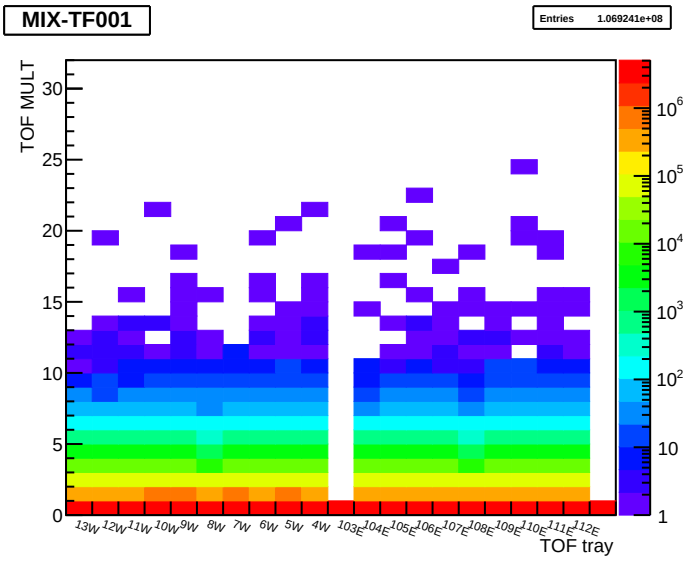

BunchId7Bit (JP2)
Entries 152243

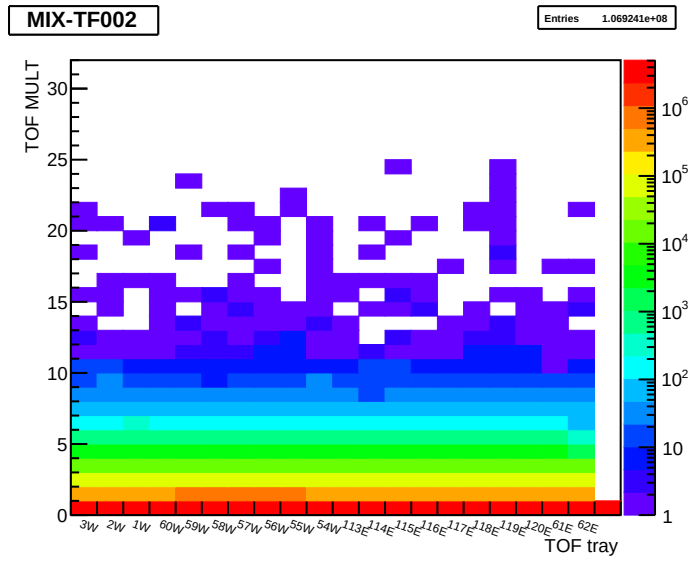

BunchId7Bit (BBC-TAC)
Entries3173259

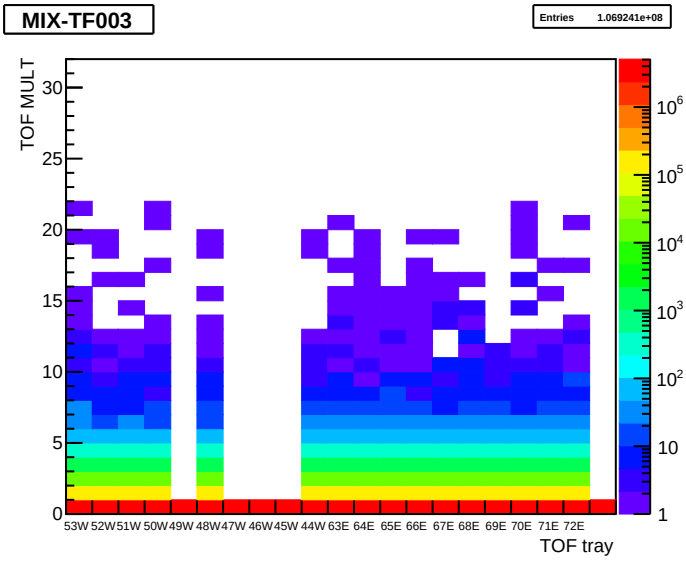

BunchId7Bit (VPD-TAC)
Entries 1834681

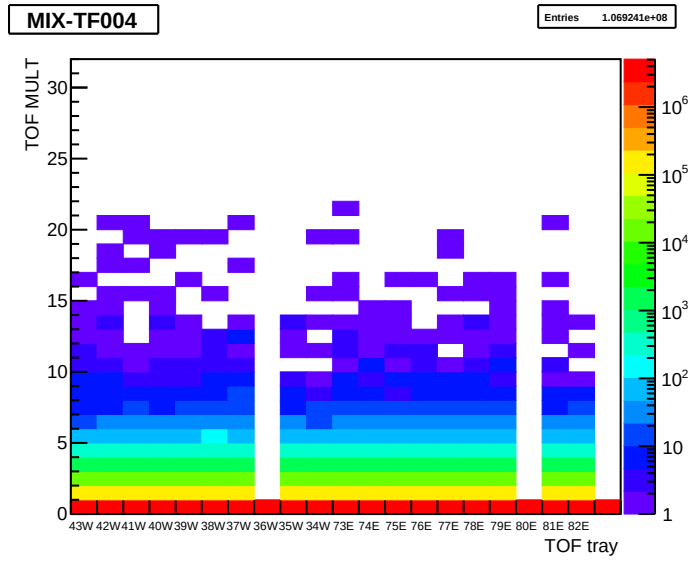

BunchId7Bit (MTD-th2)
Entries 0

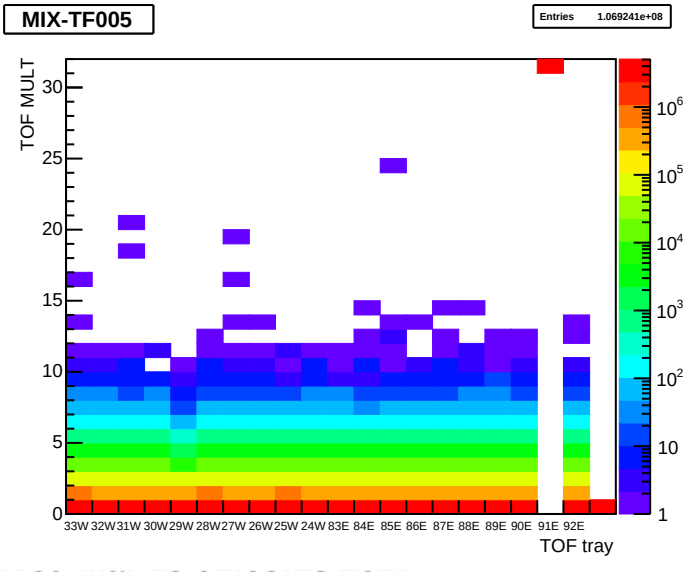

BunchId7Bit (RPET)
Entries1146075

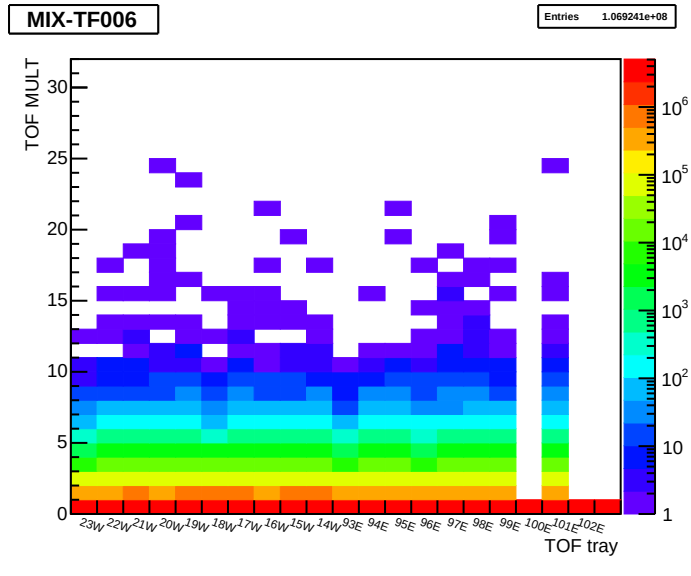

MIX-TF001
Entries 1.069241e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

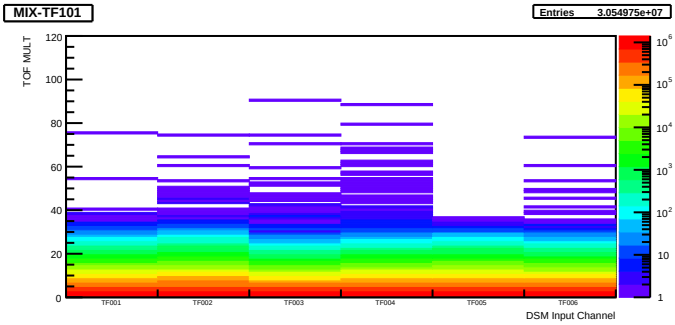

MIX-TF002
Entries 1.069241e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

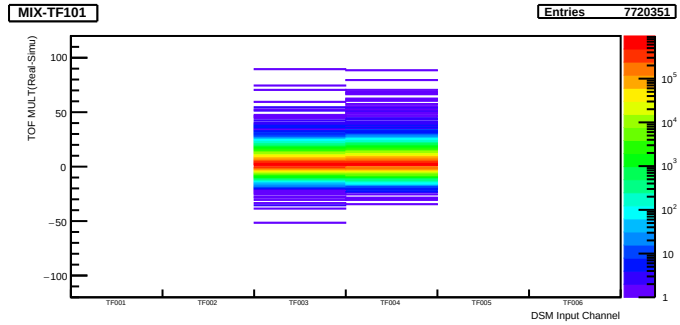

MIX-TF003
Entries 1.069241e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

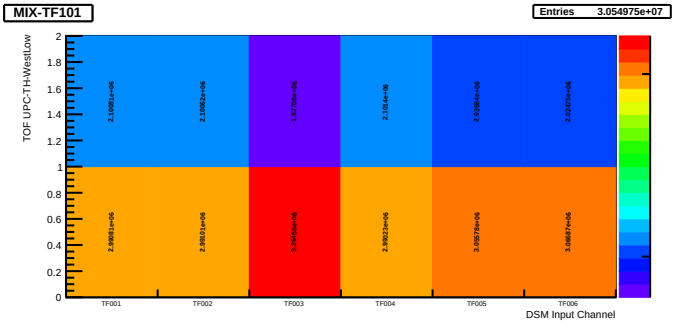

MIX-TF004
Entries 1.069241e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

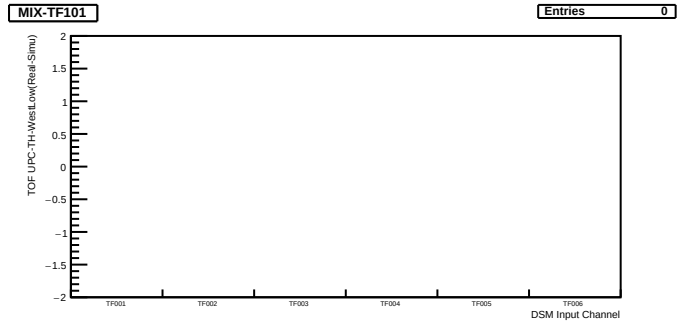

MIX-TF005
Entries 1.069241e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

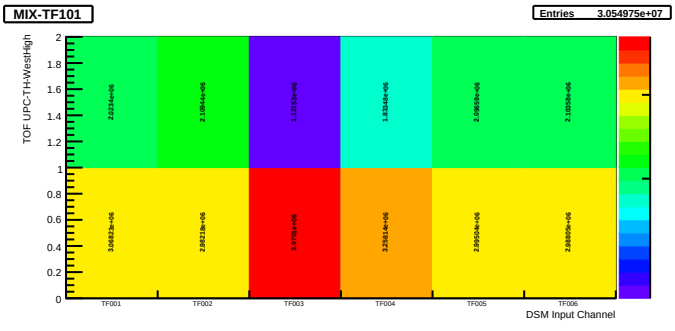

MIX-TF006
Entries 1.069241e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

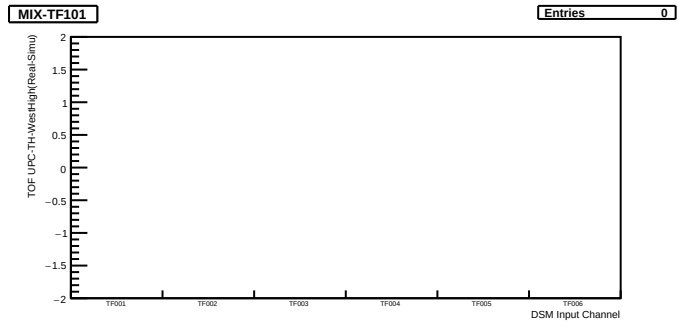

MIX-TF101
Entries 3.054975e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

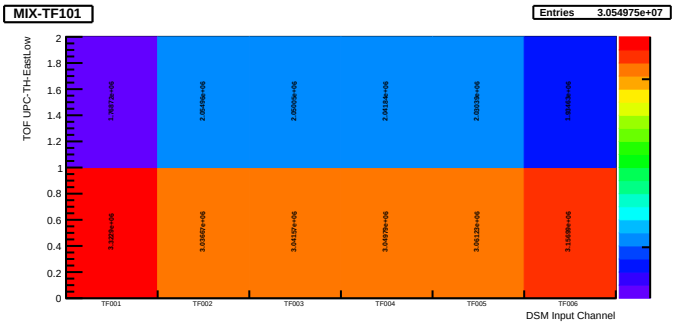

MIX-TF101
Entries 7720351
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

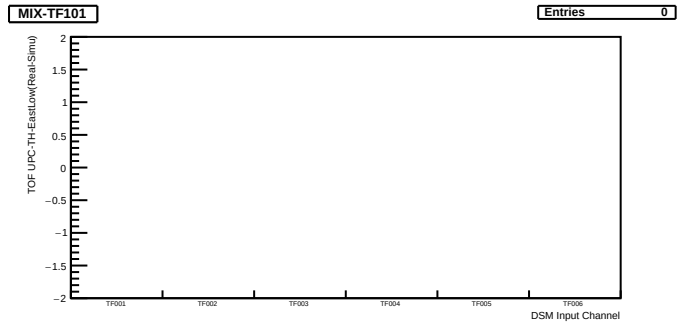

MIX-TF101
Entries 3.054975e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

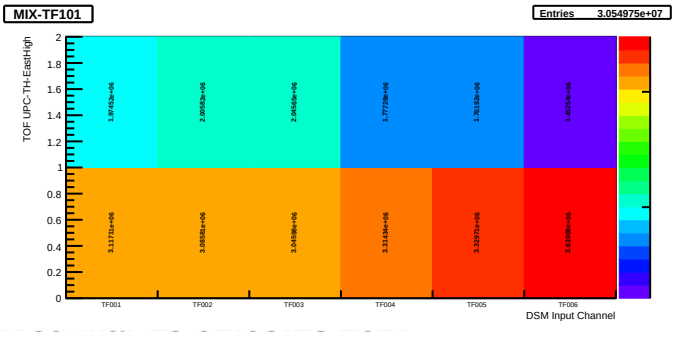

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

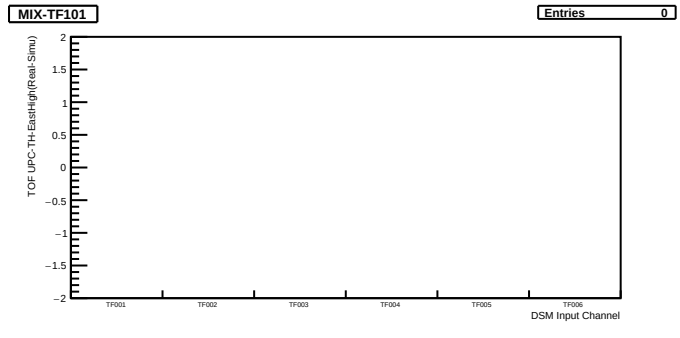

MIX-TF101
Entries 3.054975e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

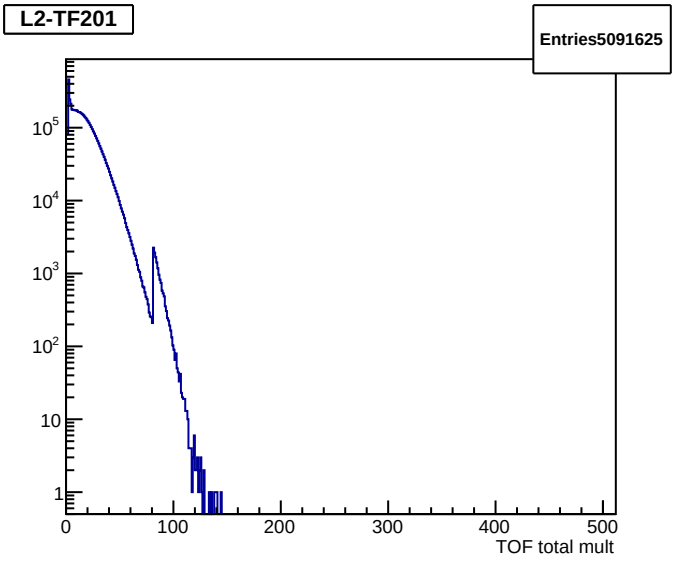

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

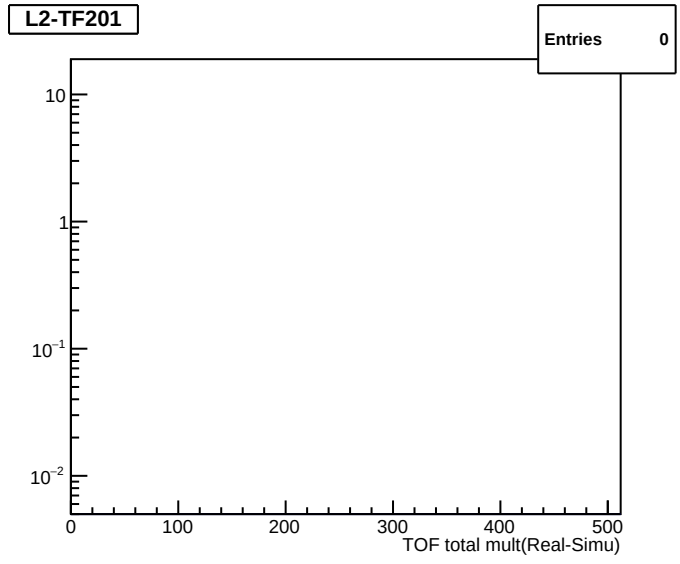

MIX-TF101
Entries 3.054975e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

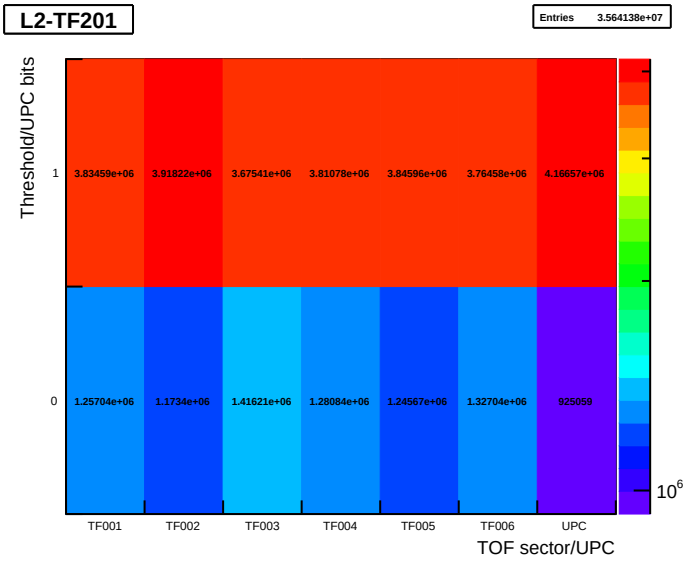

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

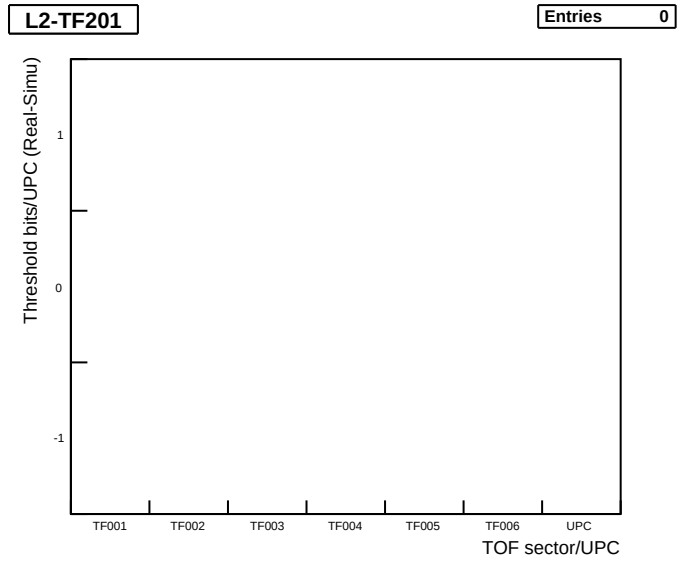

MIX-TF101
Entries 3.054975e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

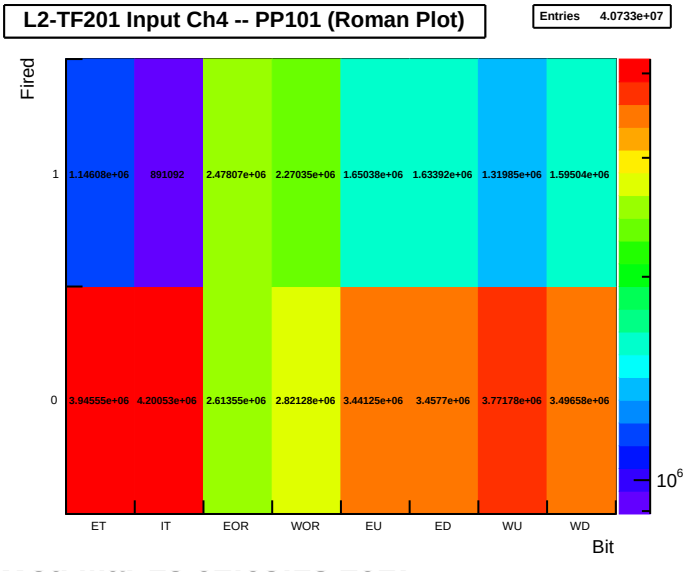

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

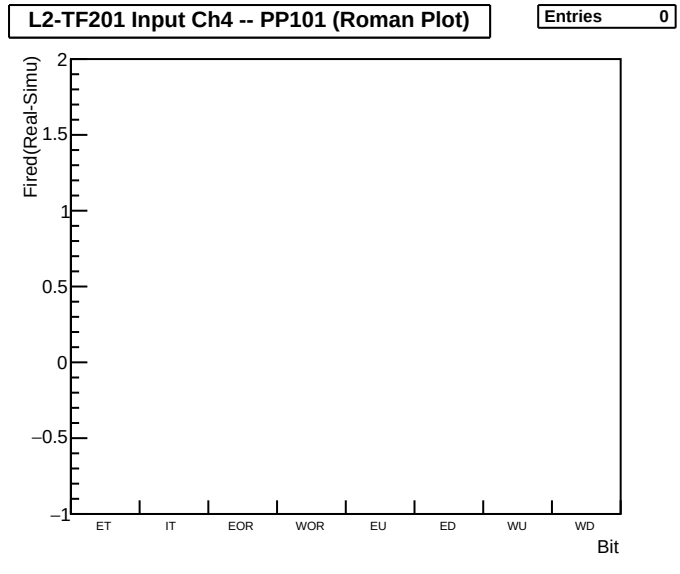

L2-TF201
Entries5091625
TOF total mult

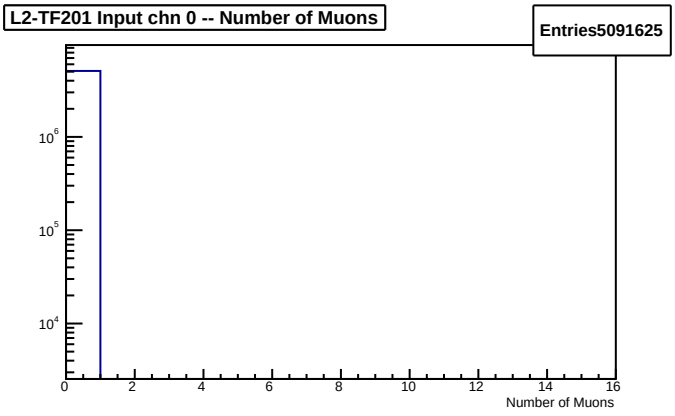

L2-TF201
Entries 0
TOF total mult(Real-Simu)

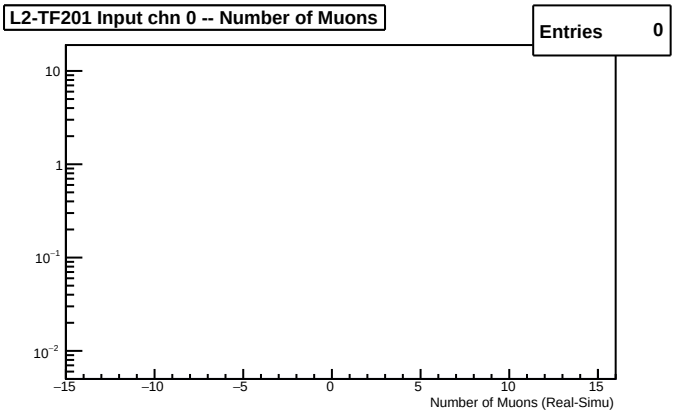

L2-TF201
Entries 3.564138e+07
Threshold/UPC bits
3.83459e+06
3.91822e+06
3.67541e+06
3.81078e+06
3.84596e+06
3.76458e+06
4.16657e+06
1.25704e+06
1.1734e+06
1.41621e+06
1.28084e+06
1.24567e+06
1.32704e+06
925059
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

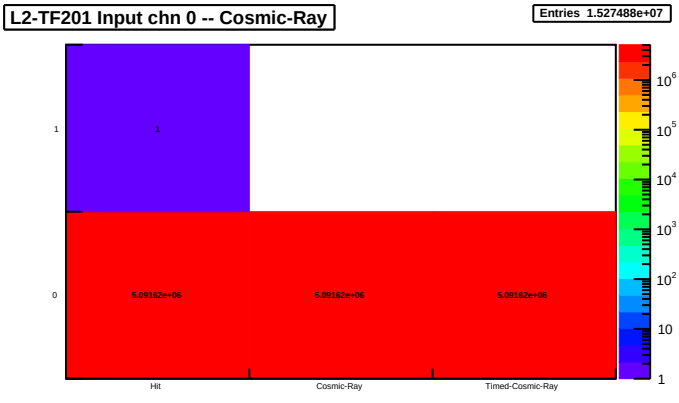

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

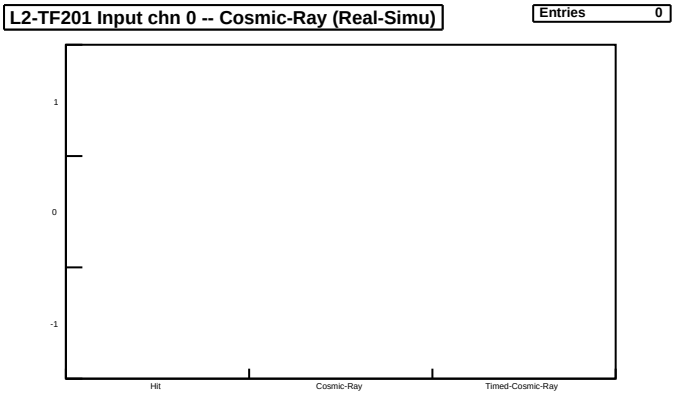

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.0733e+07
Fired
1.14608e+06
891092
2.47807e+06
2.27035e+06
1.65038e+06
1.63392e+06
1.31985e+06
1.59504e+06
3.94555e+06
4.20053e+06
2.61355e+06
2.82128e+06
3.44125e+06
3.4577e+06
3.77178e+06
3.49658e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

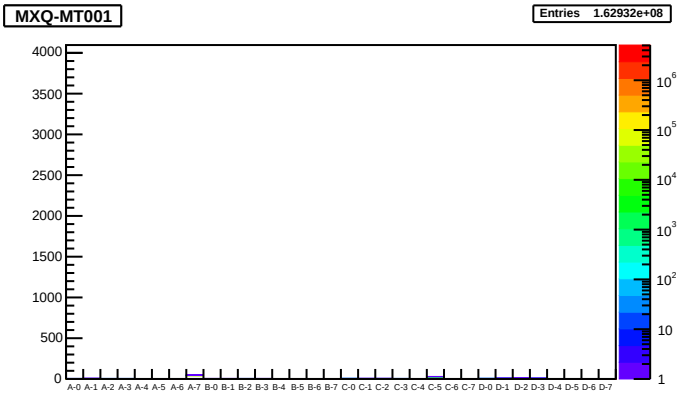

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

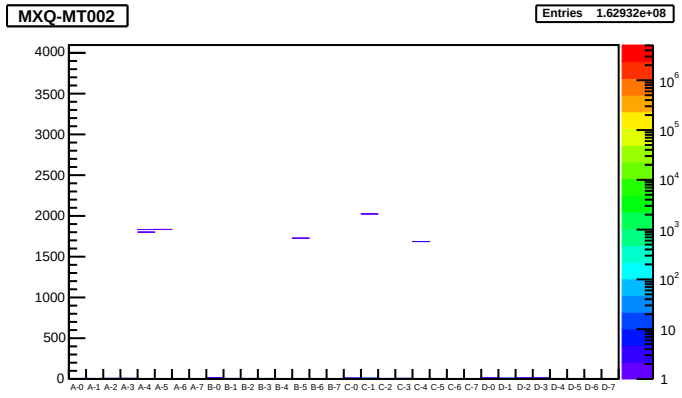

L2-TF201 Input chn 0 -- Number of Muons
Entries5091625
Number of Muons

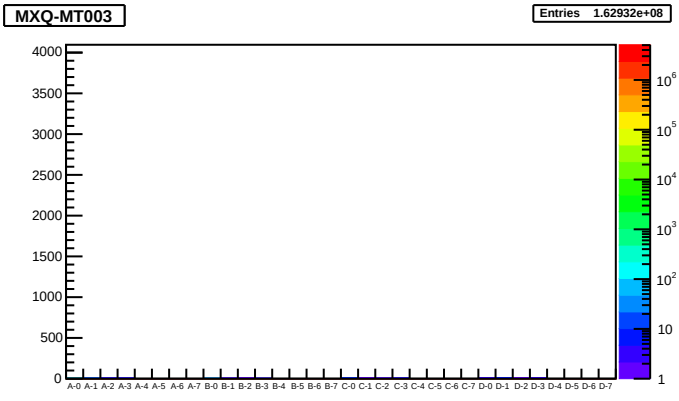

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

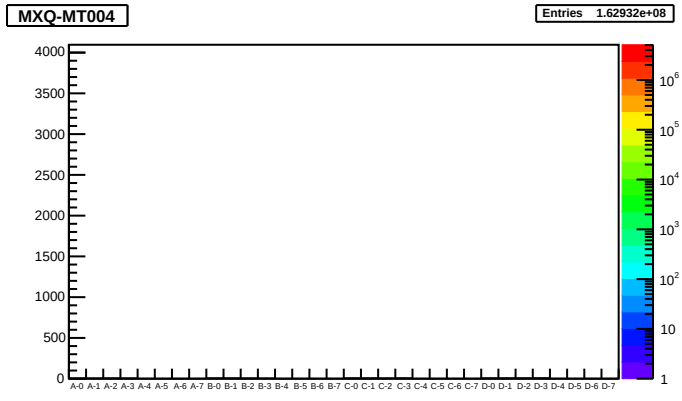

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.527488e+07
5.09162e+06
5.09162e+06
5.09162e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

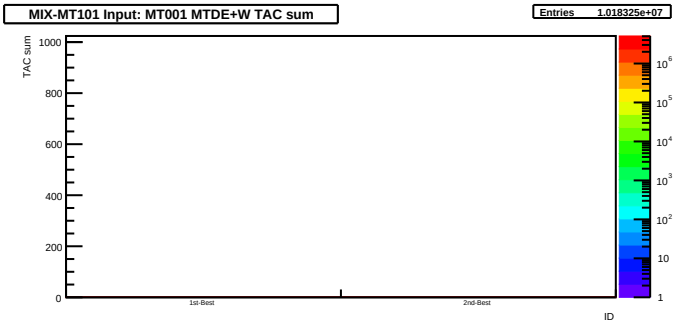

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

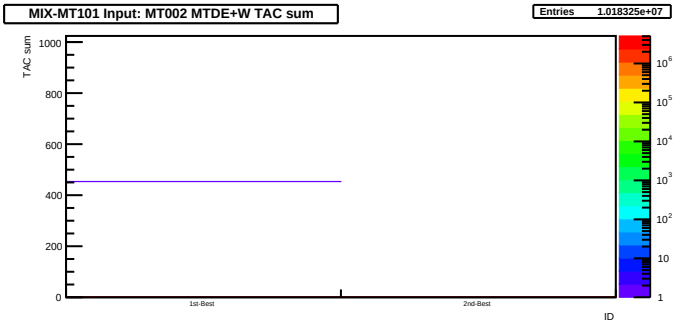

MXQ-MT001
Entries 1.62932e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

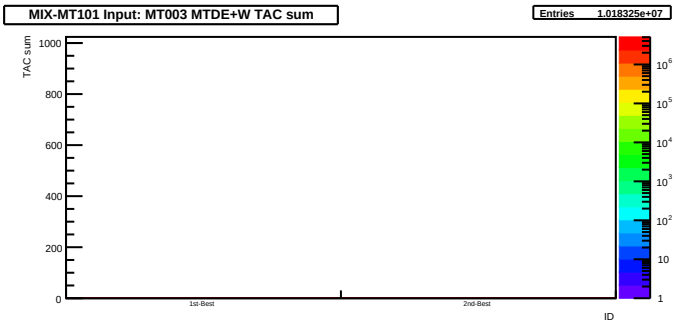

MXQ-MT002
Entries 1.62932e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

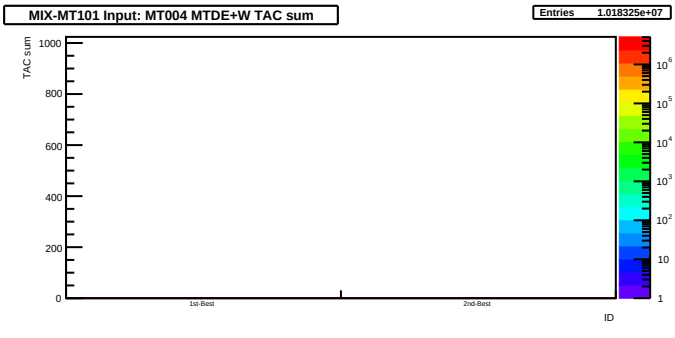

MXQ-MT003
Entries 1.62932e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

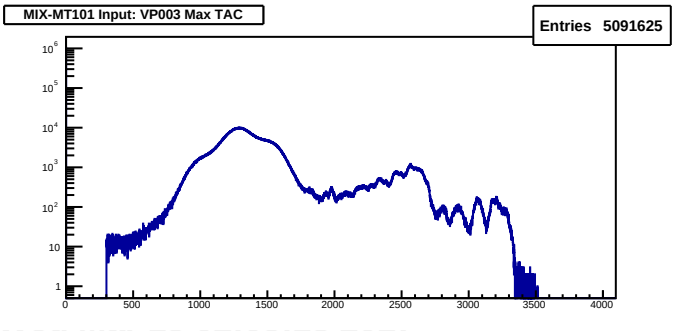

MXQ-MT004
Entries 1.62932e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

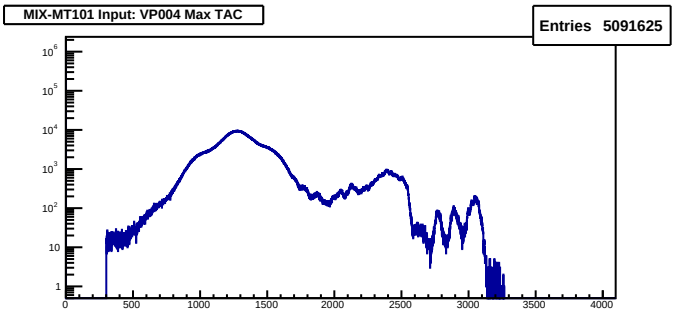

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.018325e+07
TAC sum
1st-Best
2nd-Best
ID

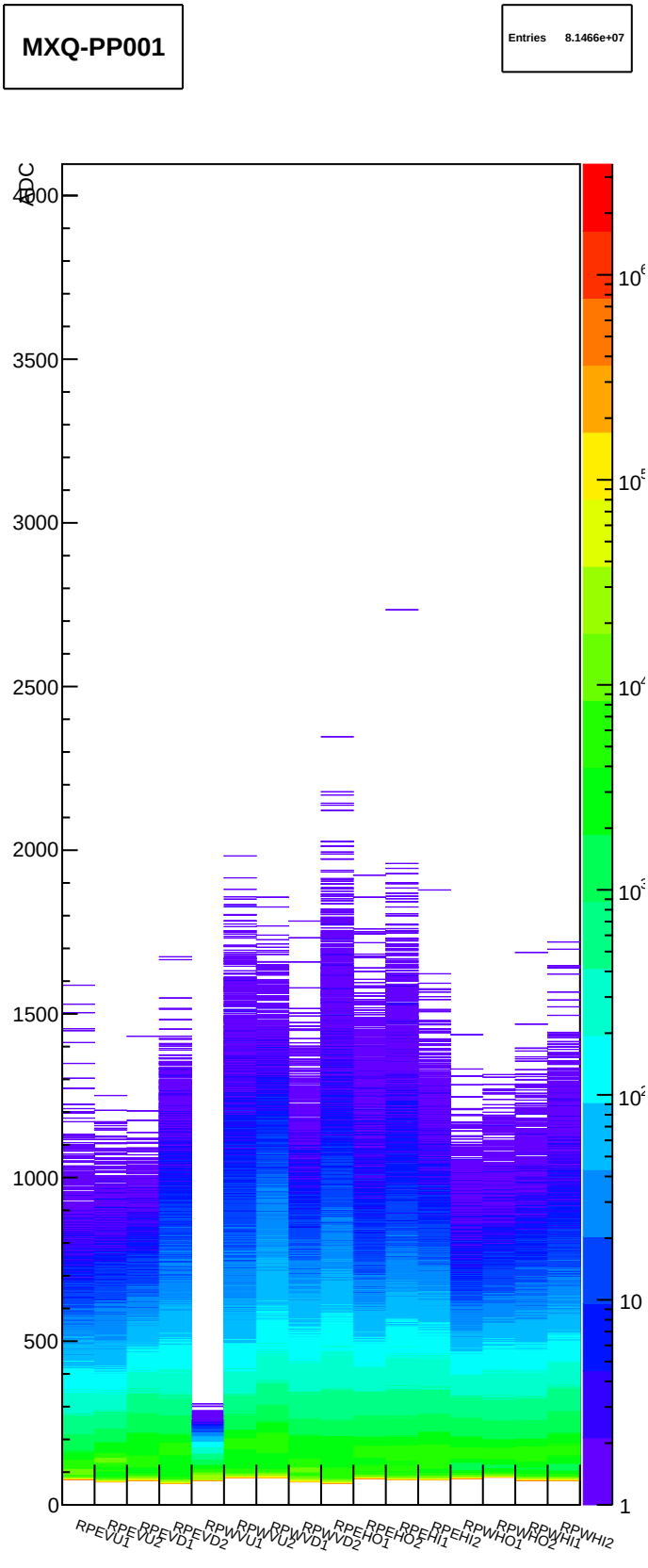

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.018325e+07
TAC sum
1st-Best
2nd-Best
ID

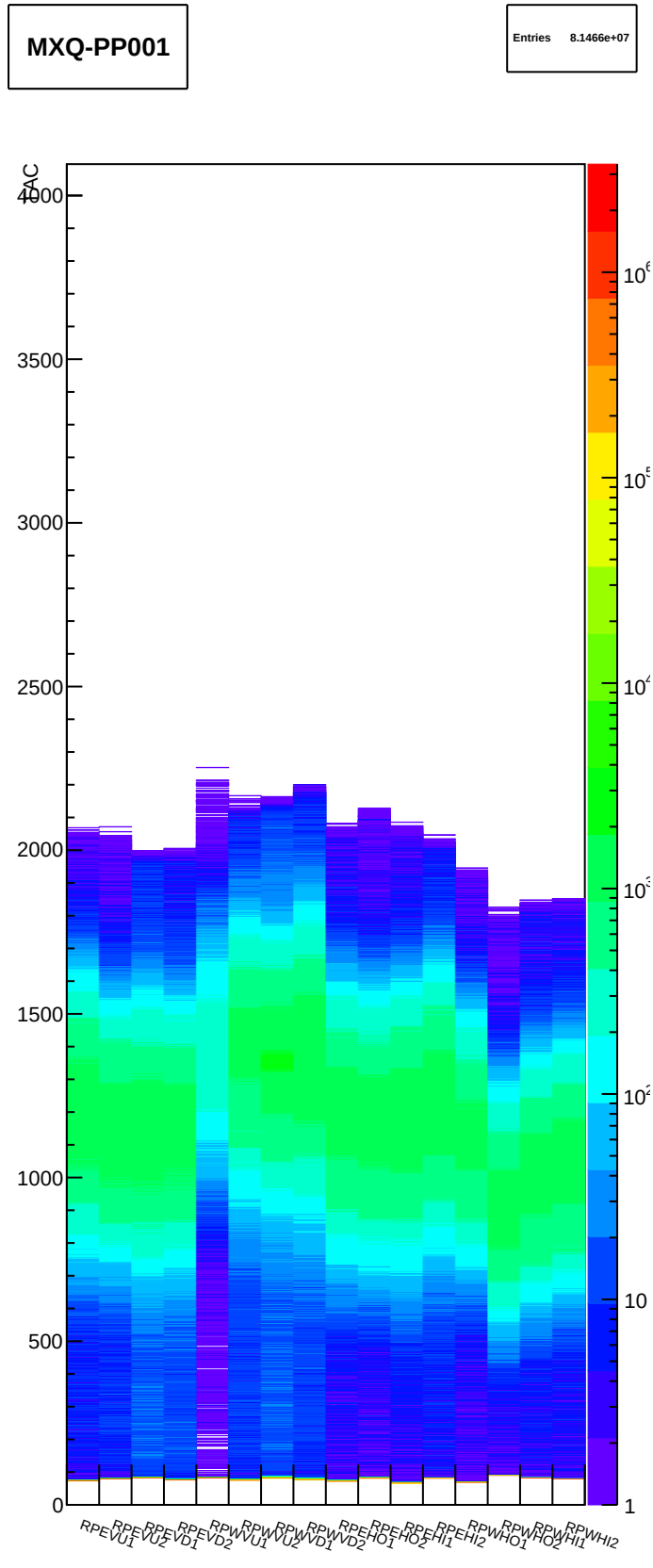

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.018325e+07
TAC sum
1st-Best
2nd-Best
ID

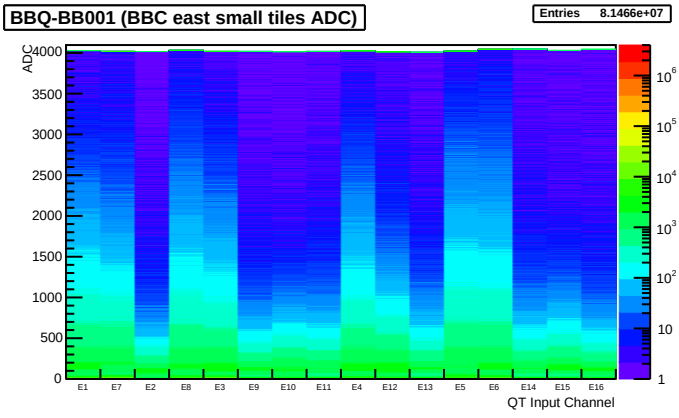

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.018325e+07
TAC sum
1st-Best
2nd-Best
ID

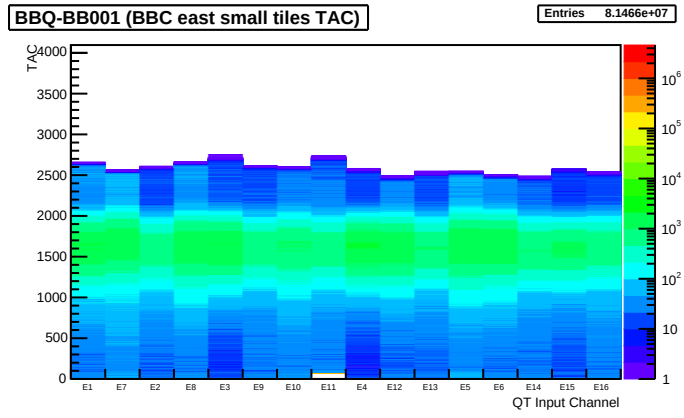

MIX-MT101 Input: VP003 Max TAC
Entries 5091625

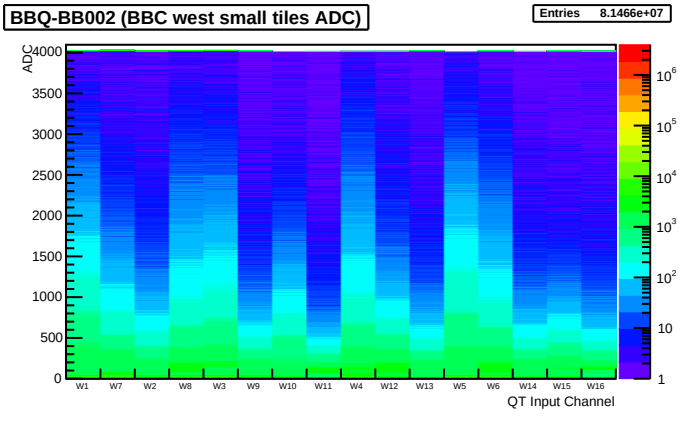

MIX-MT101 Input: VP004 Max TAC
Entries 5091625

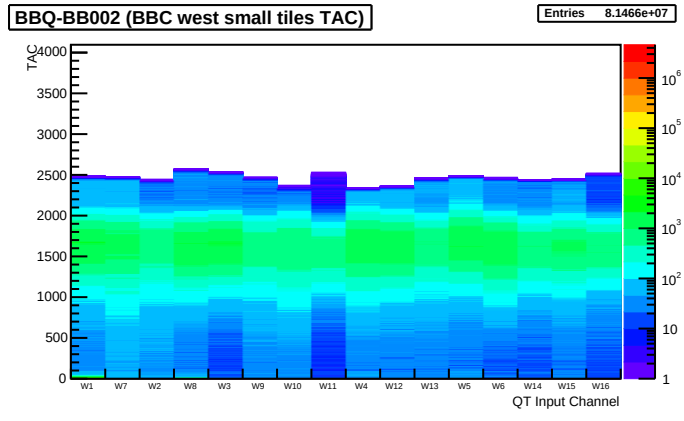

MXQ-PP001
Entries 8.1466e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

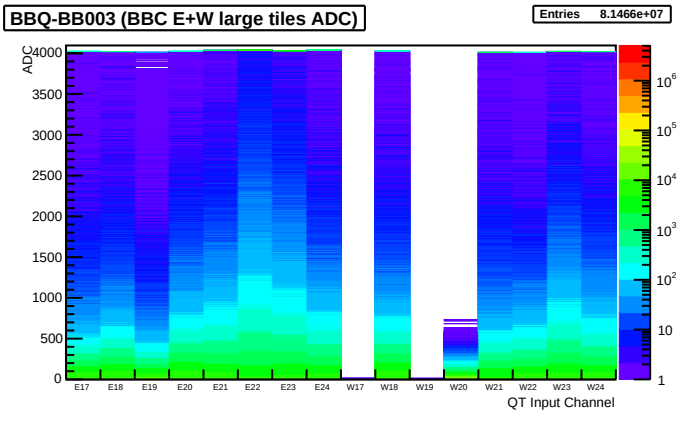

MXQ-PP001
Entries 8.1466e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

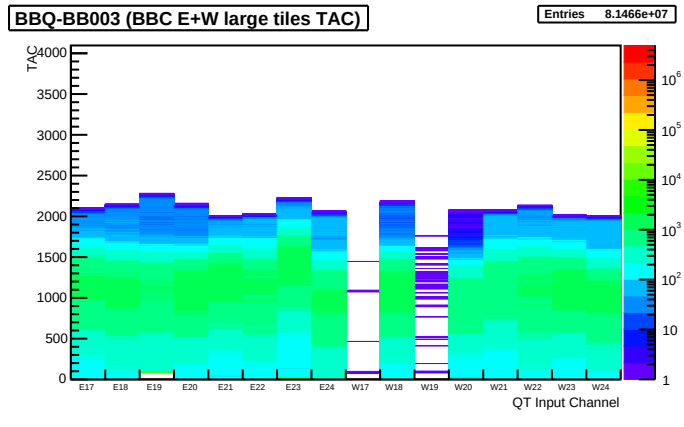

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.1466e+07
ADC
QT Input Channel

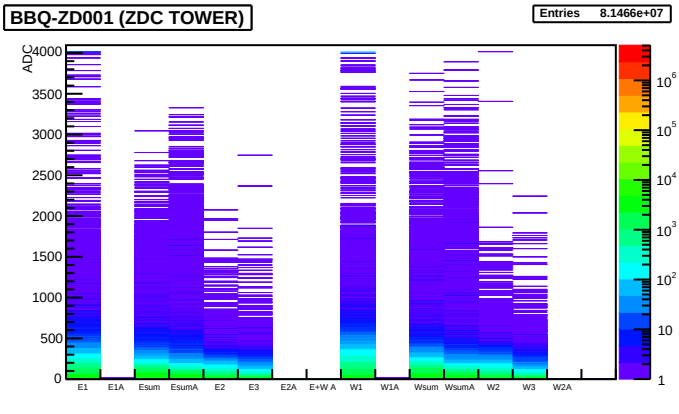

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.1466e+07
TAC
QT Input Channel

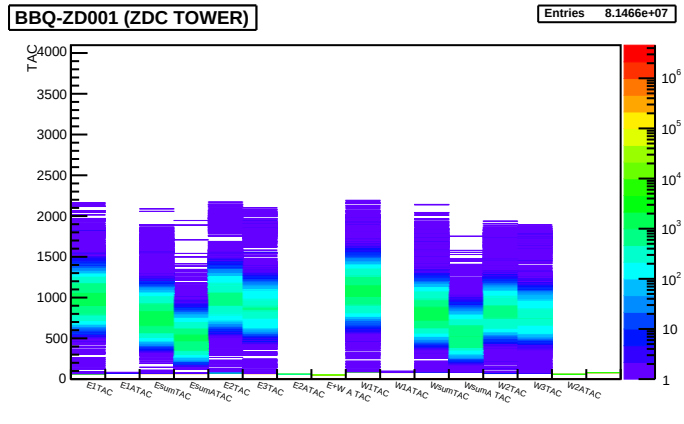

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.1466e+07
ADC
QT Input Channel

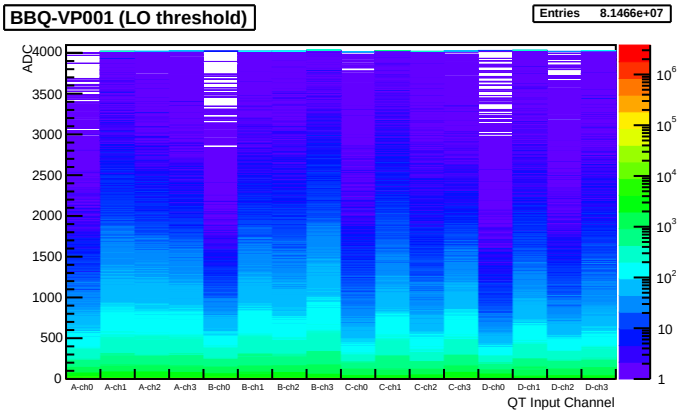

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.1466e+07
TAC
QT Input Channel

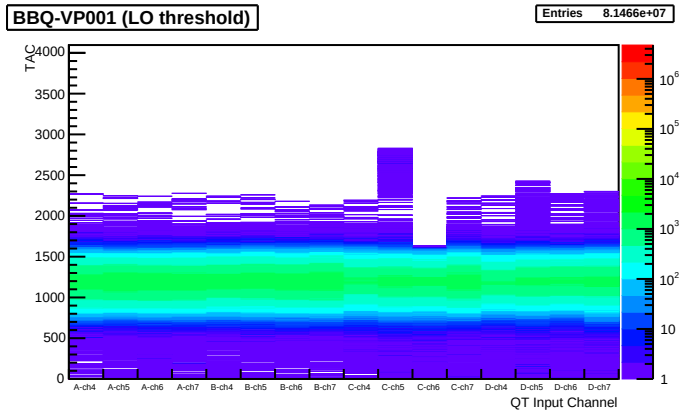

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.1466e+07
ADC
QT Input Channel

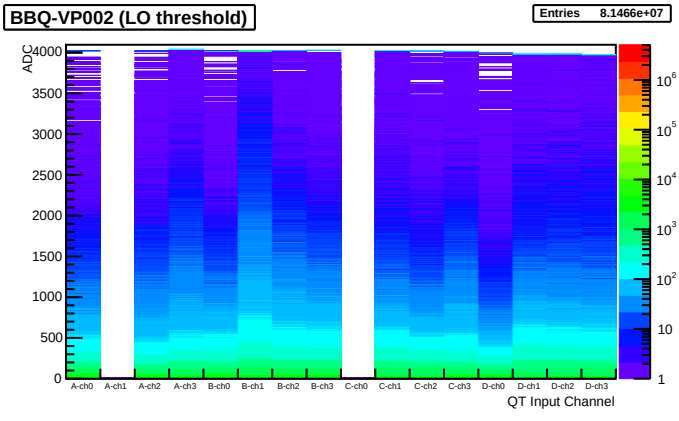

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.1466e+07
TAC
QT Input Channel

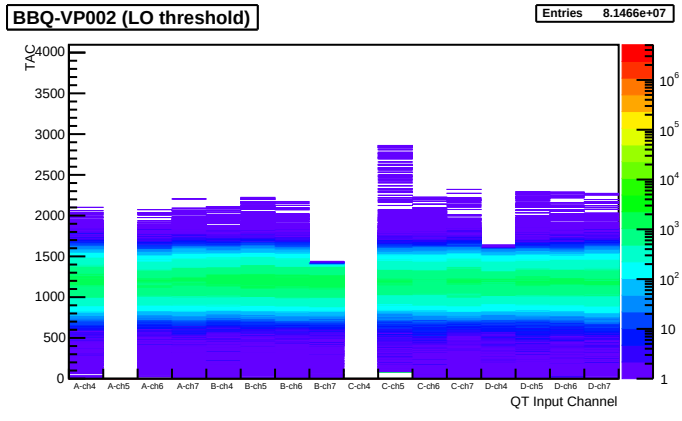

BBQ-ZD001 (ZDC TOWER)
Entries 8.1466e+07
ADC

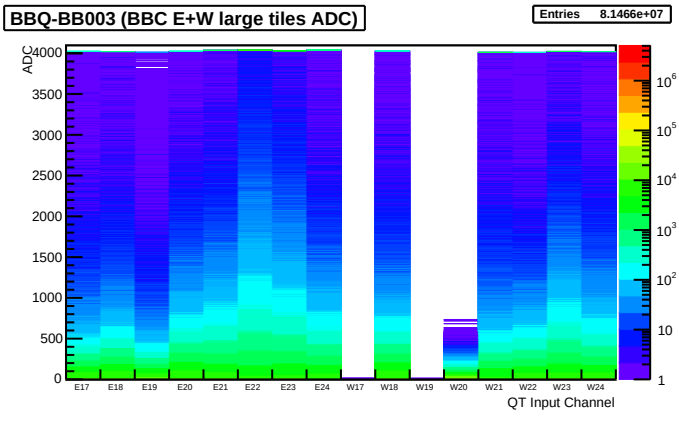

BBQ-ZD001 (ZDC TOWER)
Entries 8.1466e+07
TAC

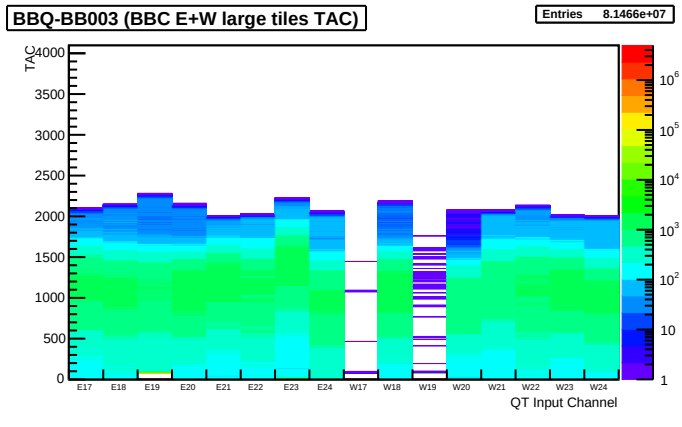

BBQ-VP001 (LO threshold)
Entries 8.1466e+07
ADC
QT Input Channel

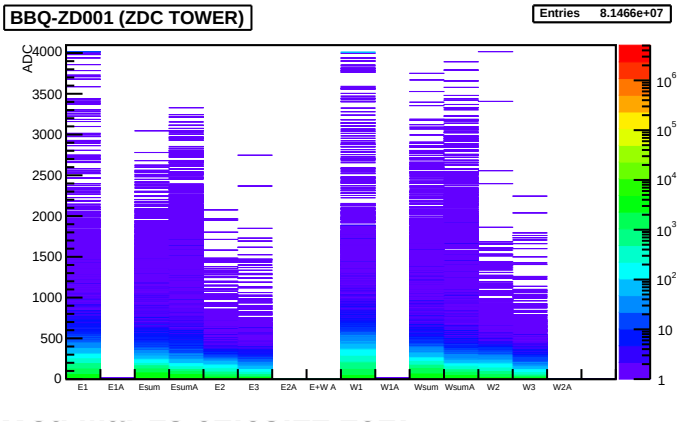

BBQ-VP001 (LO threshold)
Entries 8.1466e+07
TAC
QT Input Channel

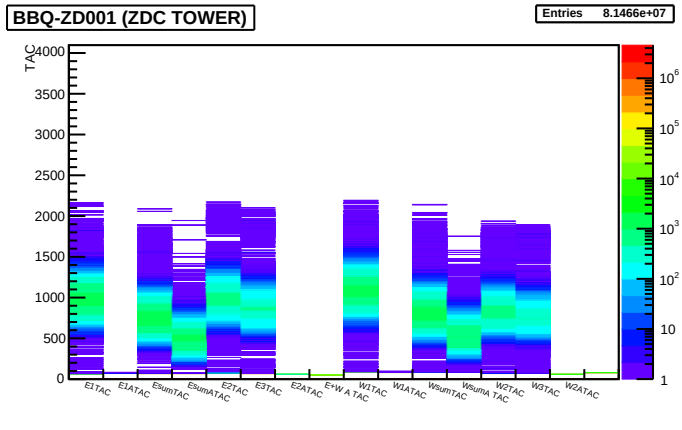

BBQ-VP002 (LO threshold)
Entries 8.1466e+07
ADC
QT Input Channel

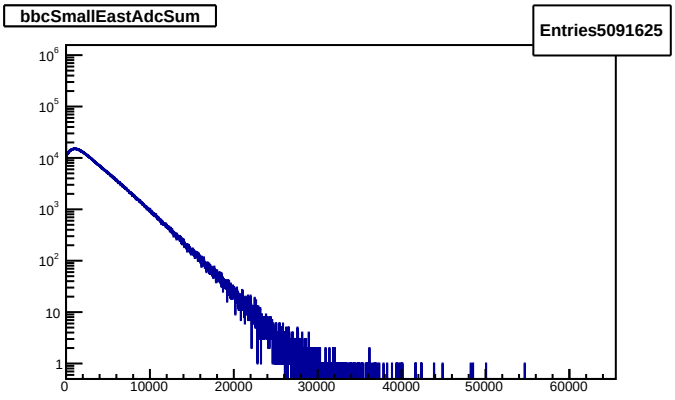

BBQ-VP002 (LO threshold)
Entries 8.1466e+07
TAC
QT Input Channel

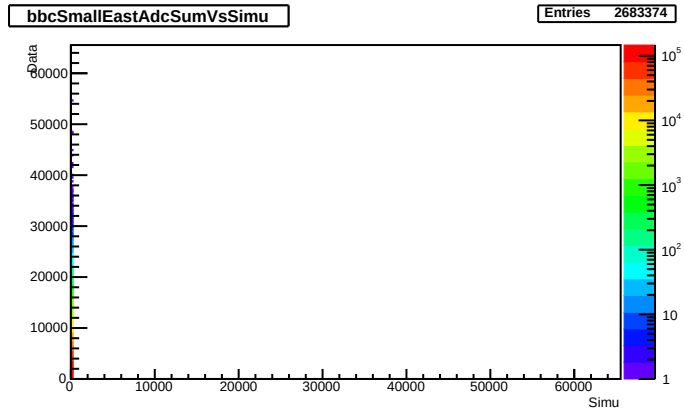

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.1466e+07
ADC
QT Input Channel

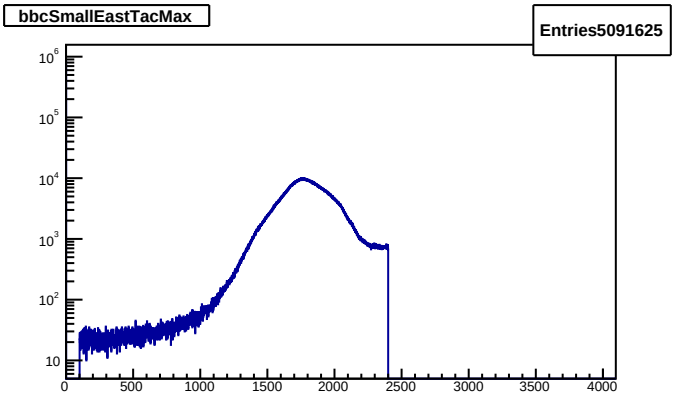

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.1466e+07
TAC
QT Input Channel

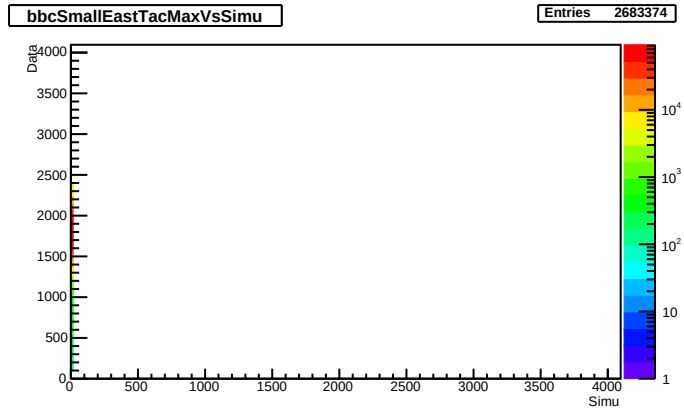

BBQ-ZD001 (ZDC TOWER)
Entries 8.1466e+07
ADC

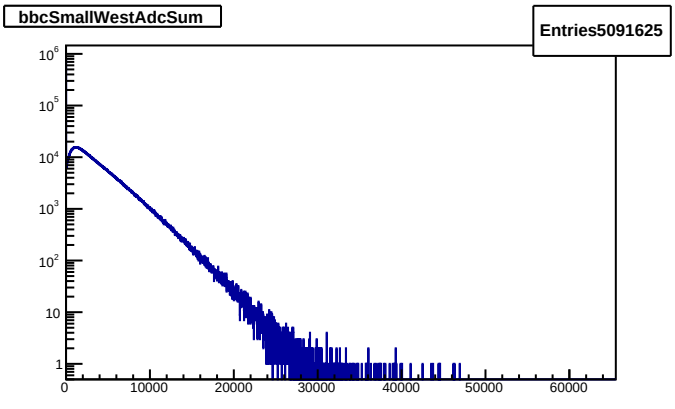

BBQ-ZD001 (ZDC TOWER)
Entries 8.1466e+07
TAC

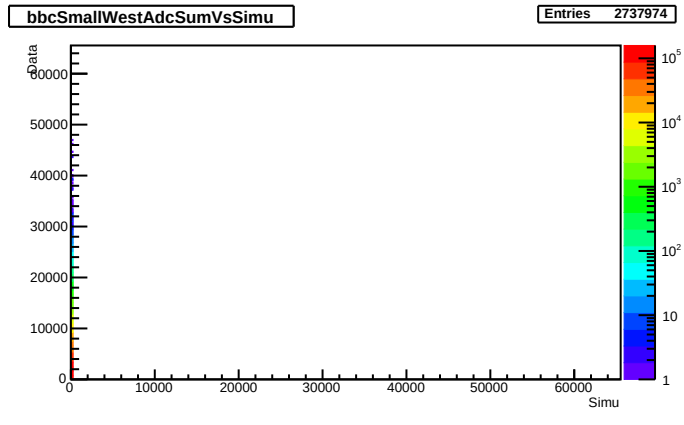

bbcSmallEastAdcSum
Entries5091625

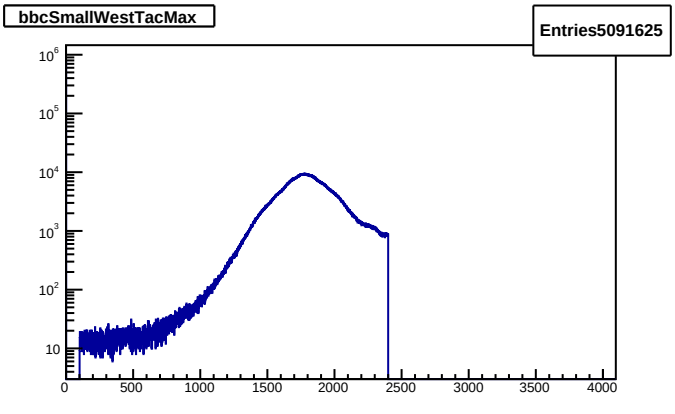

bbcSmallEastAdcSumVsSimu
Entries 2683374
Data
Simu

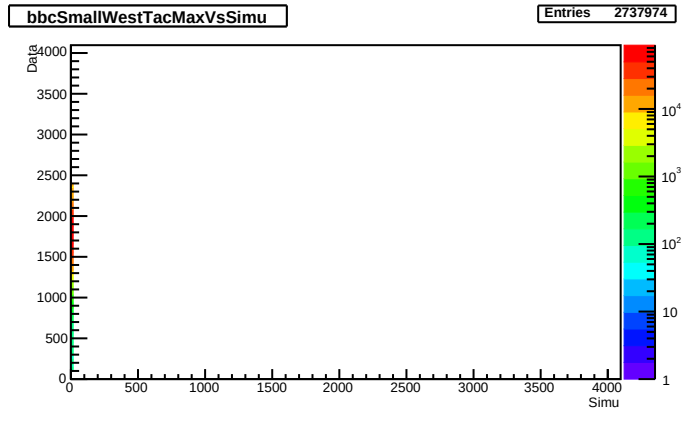

bbcSmallEastTacMax
Entries5091625

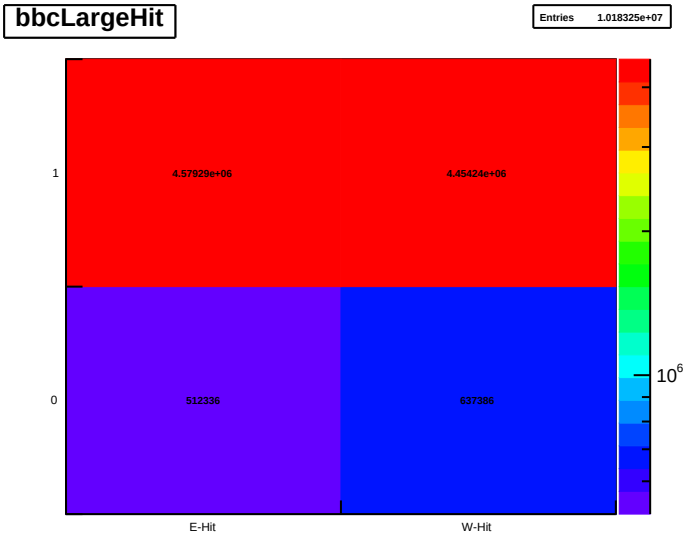

bbcSmallEastTacMaxVsSimu
Entries 2683374
Data
Simu

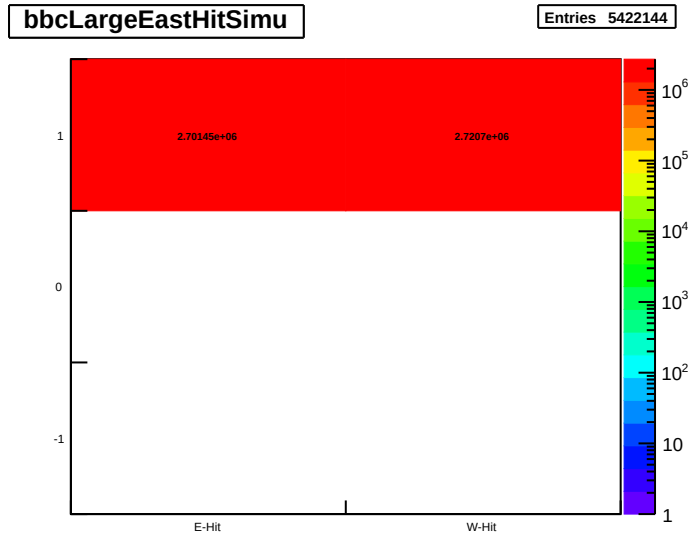

bbcSmallWestAdcSum
Entries5091625

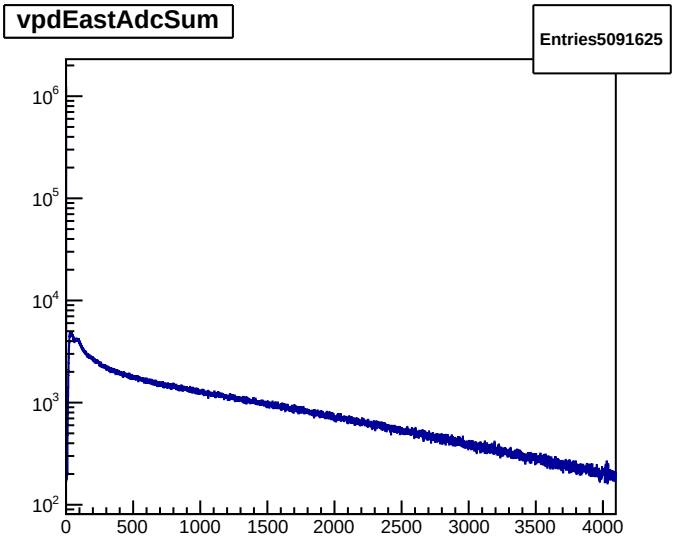

bbcSmallWestAdcSumVsSimu
Entries 2737974
Data
Simu

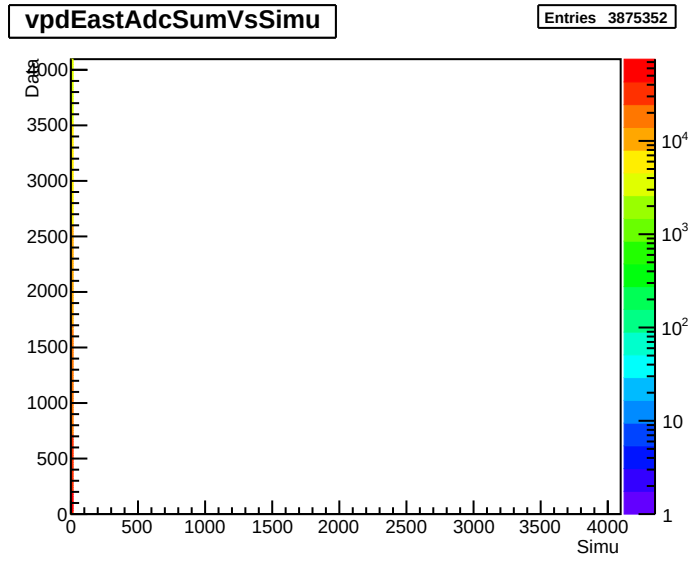

bbcSmallWestTacMax
Entries5091625

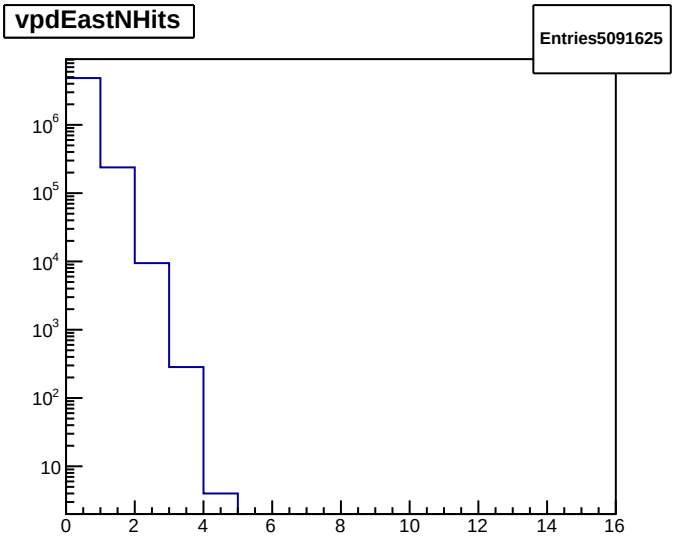

bbcSmallWestTacMaxVsSimu
Entries 2737974
Data
Simu

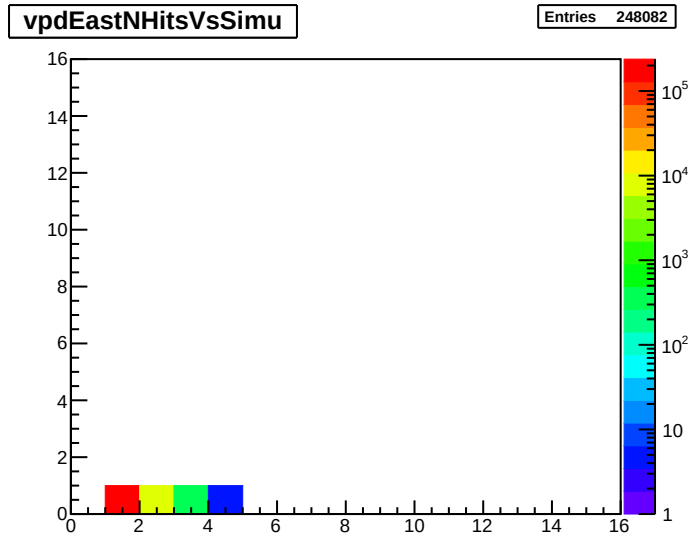

bbcLargeHit
Entries 1.018325e+07
1
0
4.57929e+06
4.45424e+06
512336
637386
E-Hit
W-Hit
10^6

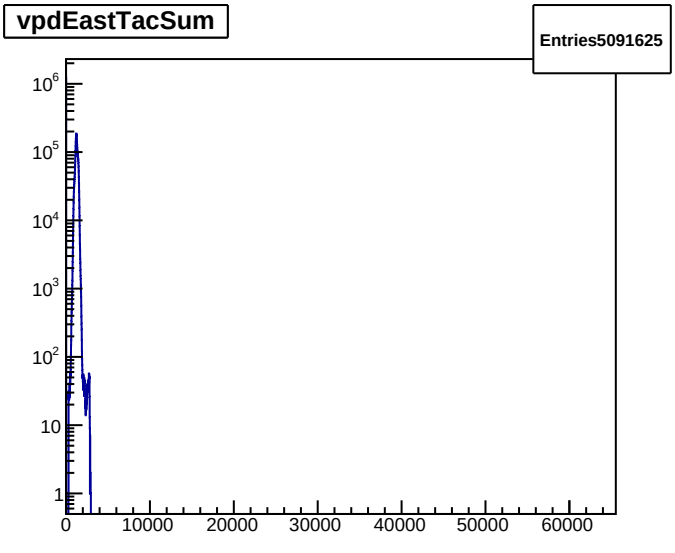

bbcLargeEastHitSimu
Entries 5422144
1
0
-1
2.70145e+06
2.7207e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

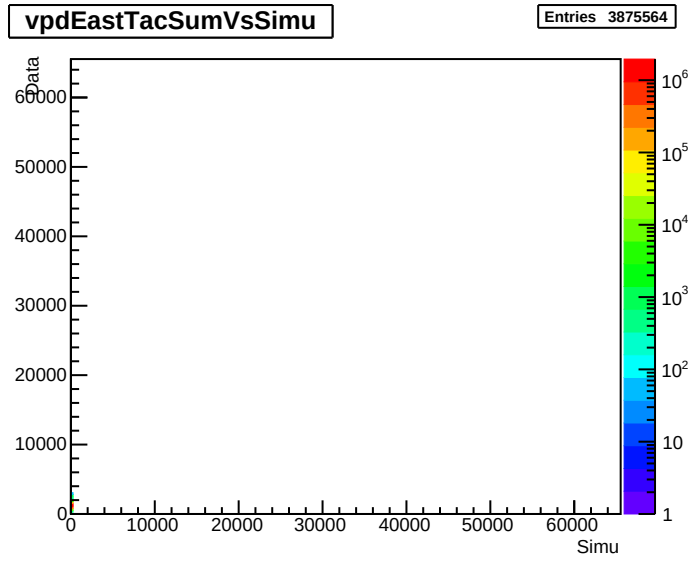

vpdEastAdcSum
Entries5091625

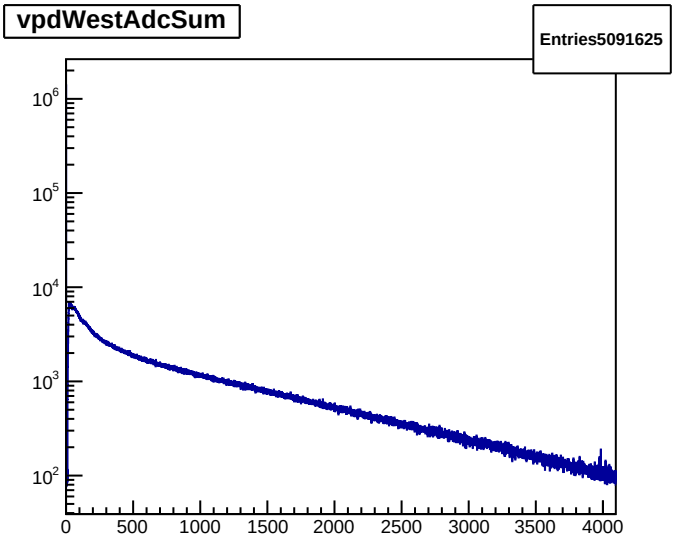

vpdEastAdcSumVsSimu
Entries 3875352
Data
Simu

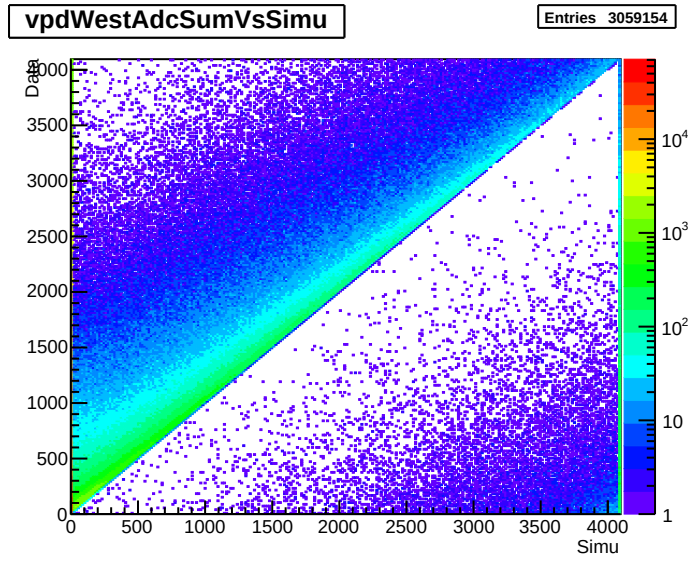

vpdEastNHits
Entries5091625

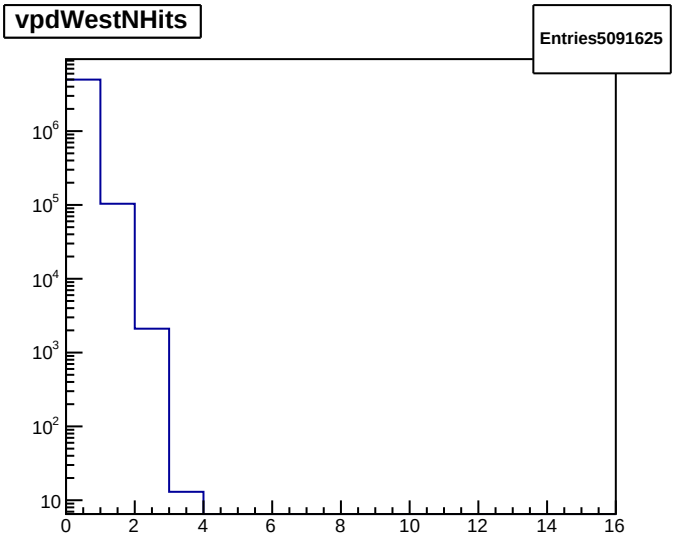

vpdEastNHitsVsSimu
Entries 248082

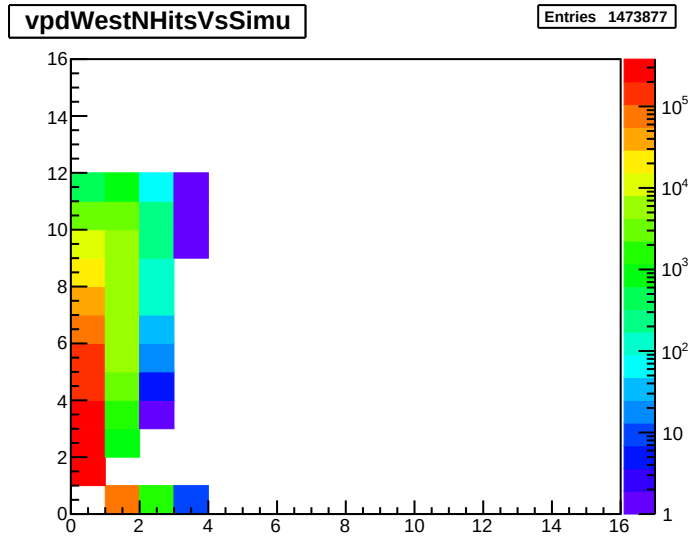

vpdEastTacSum
Entries5091625

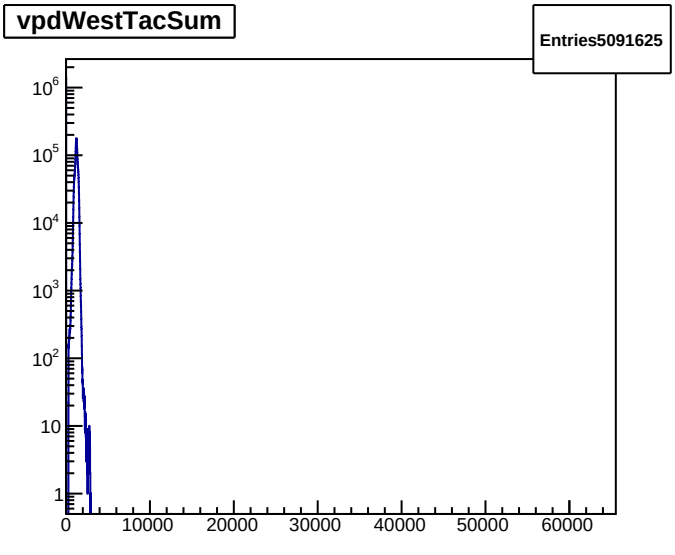

vpdEastTacSumVsSimu
Entries 3875564
Data
Simu

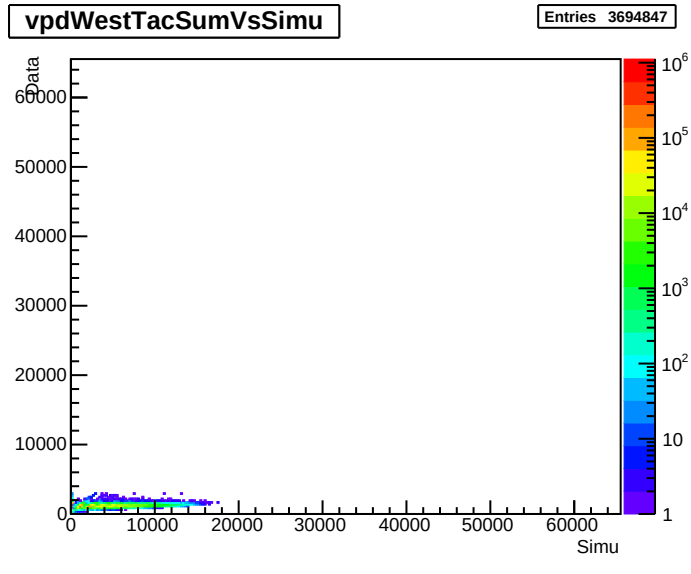

vpdWestAdcSum
Entries5091625

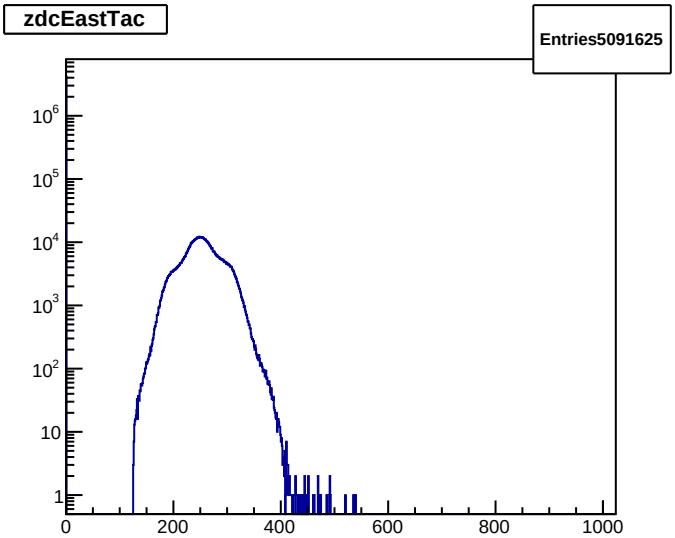

vpdWestAdcSumVsSimu
Entries 3059154
Data
Simu

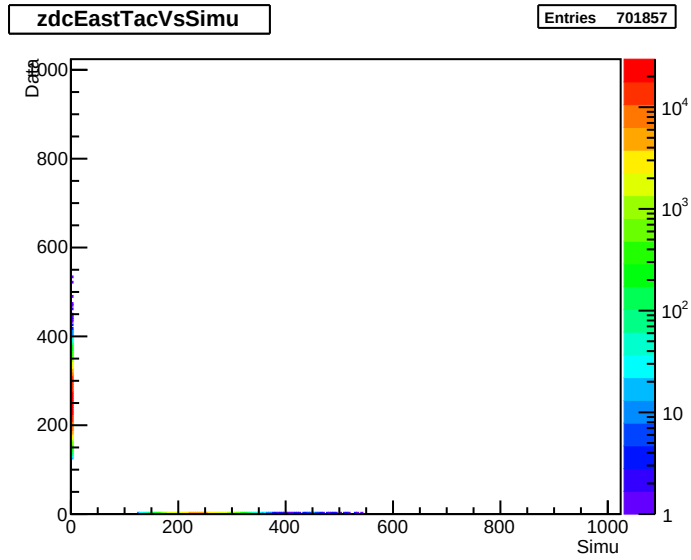

vpdWestNHits
Entries5091625

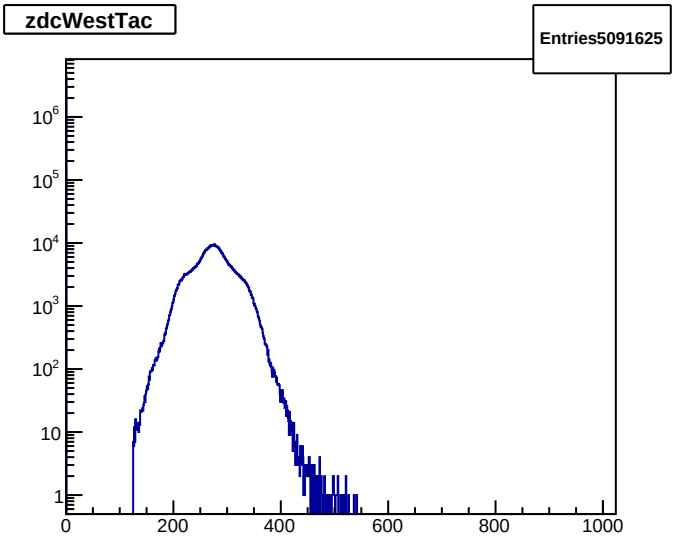

vpdWestNHitsVsSimu
Entries 1473877

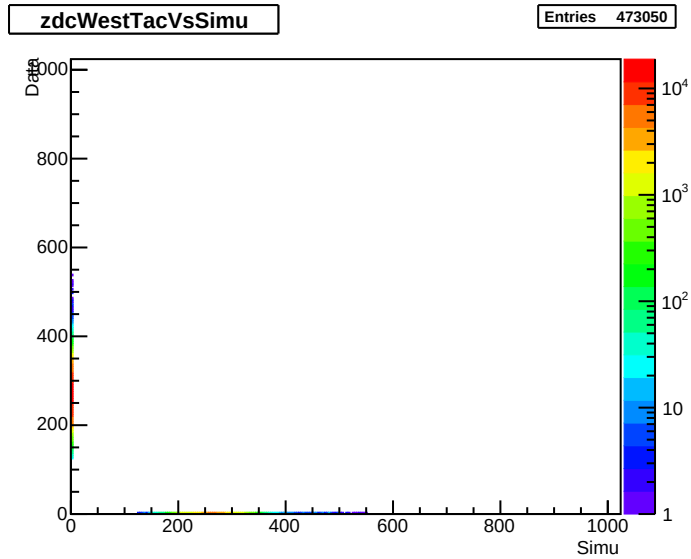

vpdWestTacSum
Entries5091625

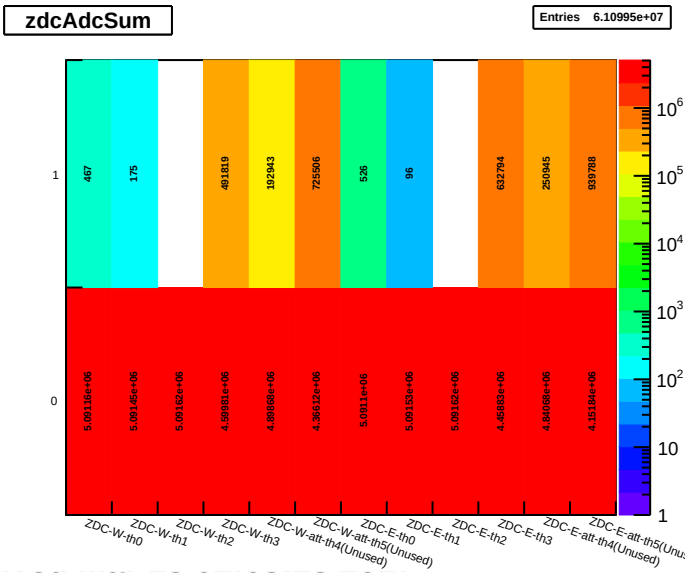

vpdWestTacSumVsSimu
Entries 3694847
Data
Simu

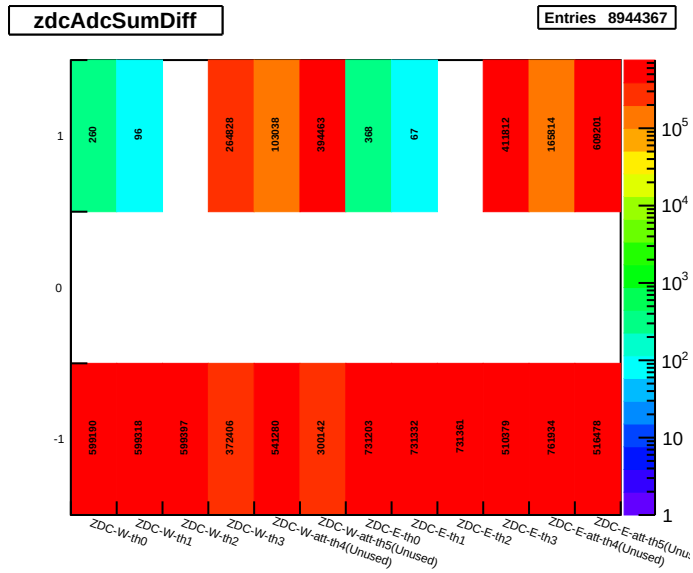

zdcEastTac
Entries5091625

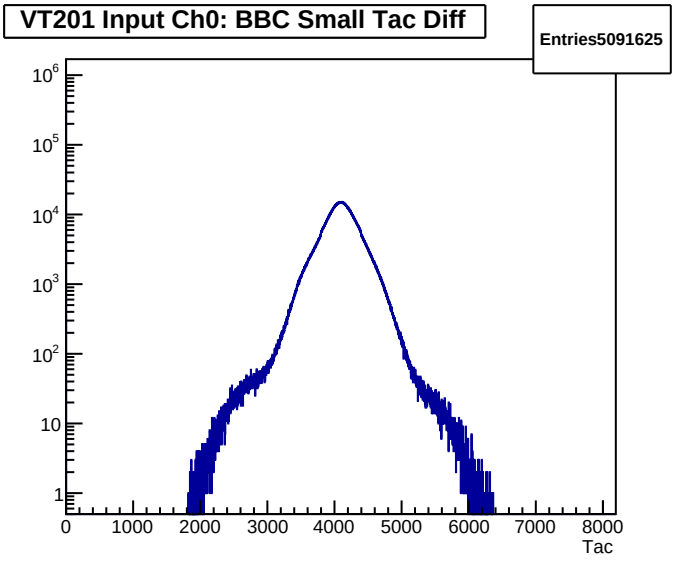

zdcEastTacVsSimu
Entries 701857
Data
Simu

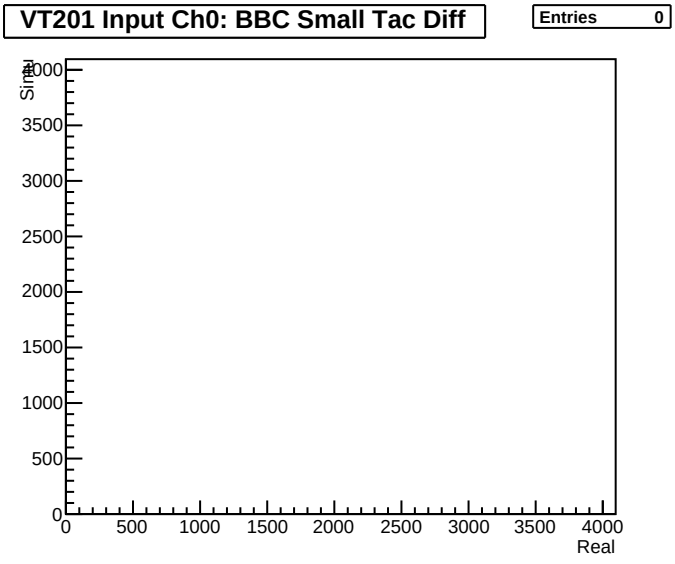

zdcWestTac
Entries5091625

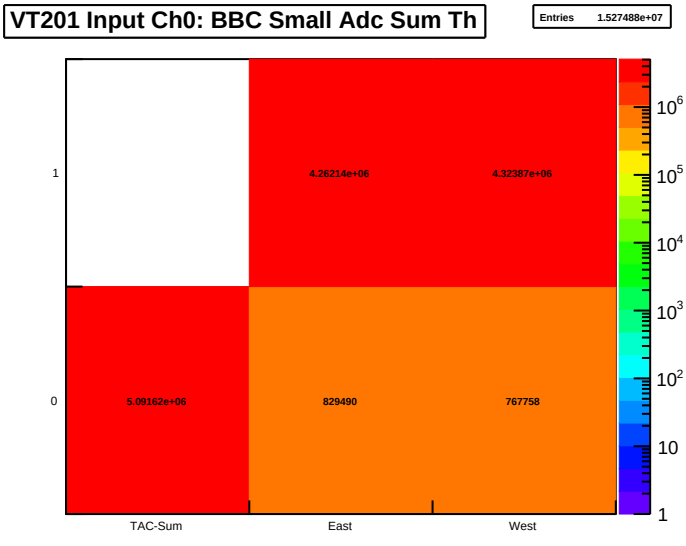

zdcWestTacVsSimu
Entries 473050
Data
Simu

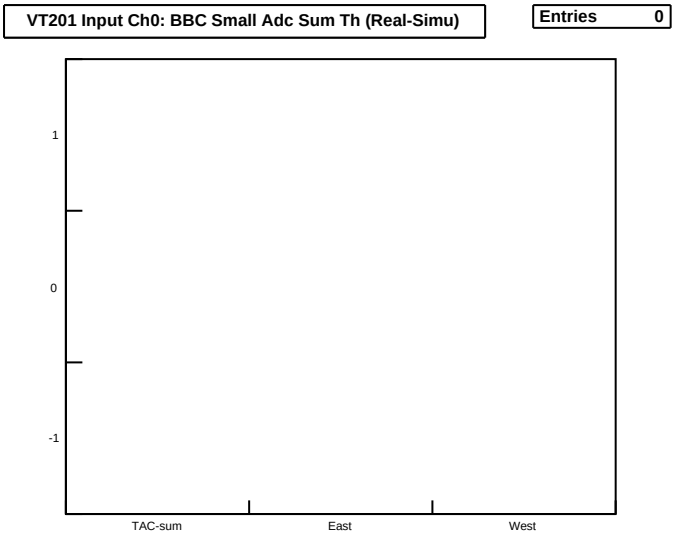

zdcAdcSum
Entries 6.10995e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

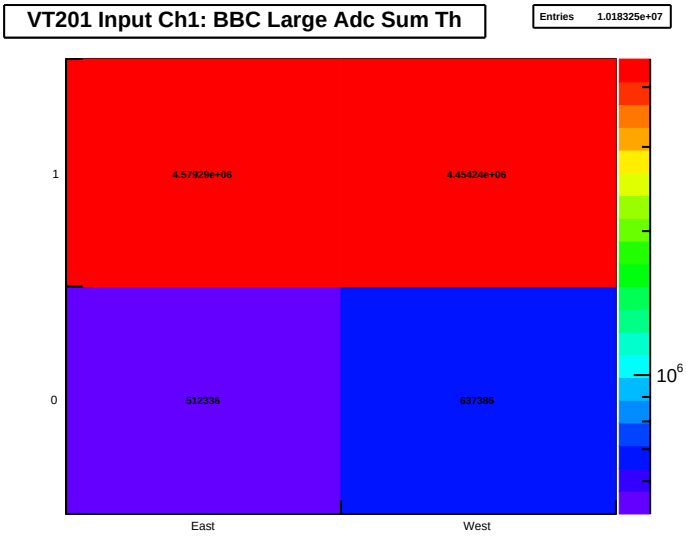

zdcAdcSumDiff
Entries 8944367
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

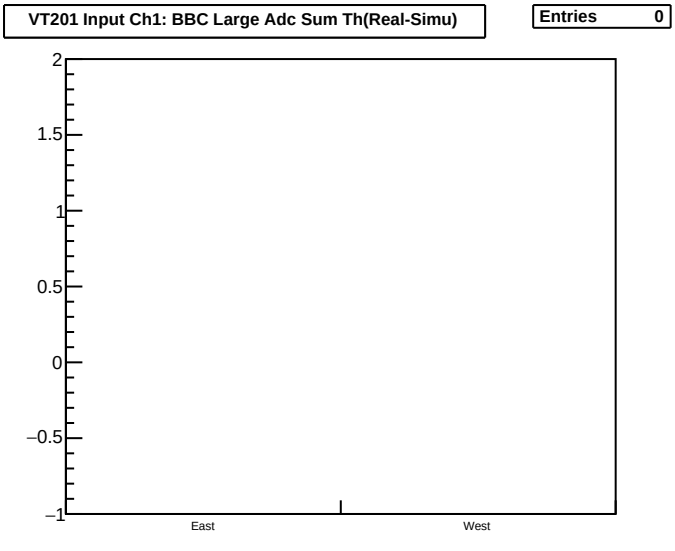

VT201 Input Ch0: BBC Small Tac Diff
Entries5091625
Tac


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

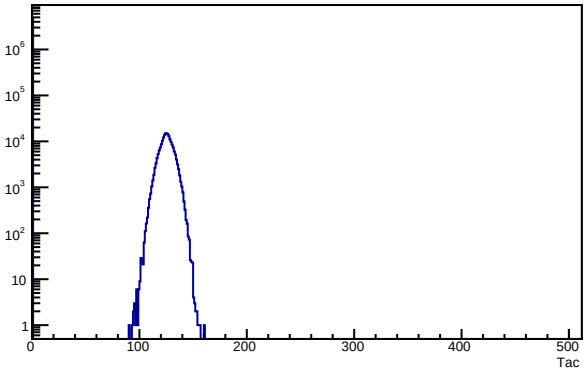

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.527488e+07
4.26214e+06
4.32387e+06
5.09162e+06
829490
767758
TAC-Sum
East
West


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

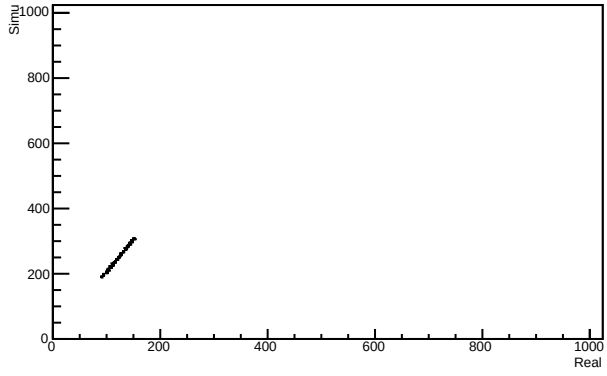

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.018325e+07
4.57929e+06
4.45424e+06
512336
637386
East
West


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

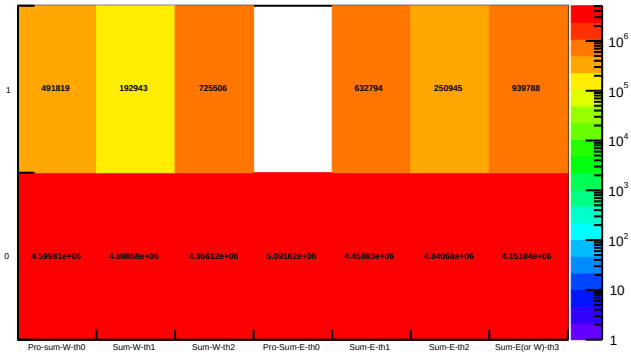
VT201 Input Ch2: ZDC Tac Diff



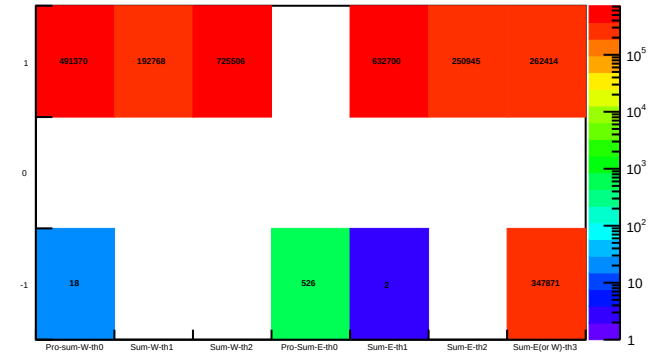
VT201 Input Ch2: ZDC Tac Diff



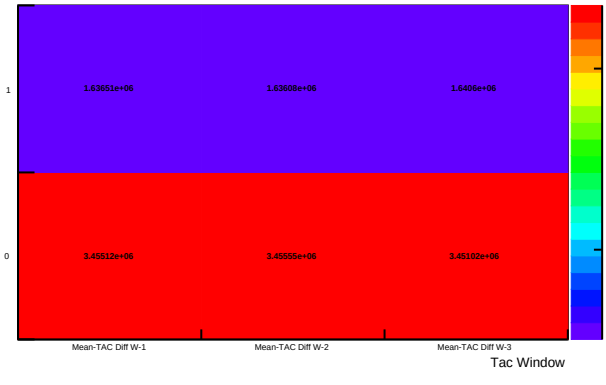
VT201 Input Ch2: ZDC Adc Sum Th



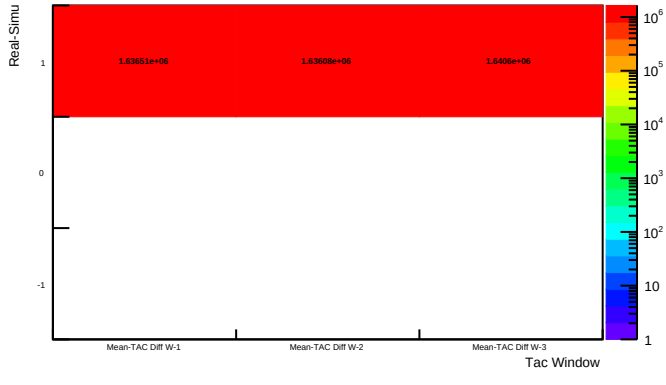
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



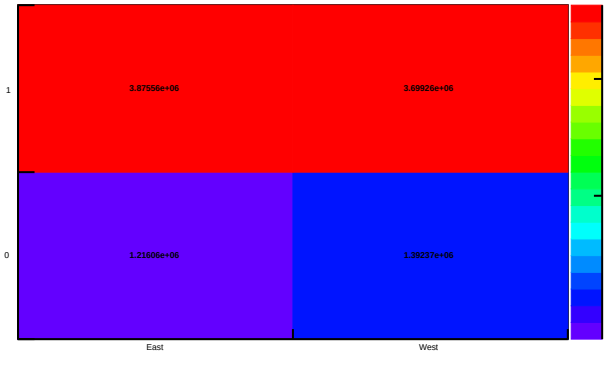
VT201 Input Ch4: VPD Tac Diff



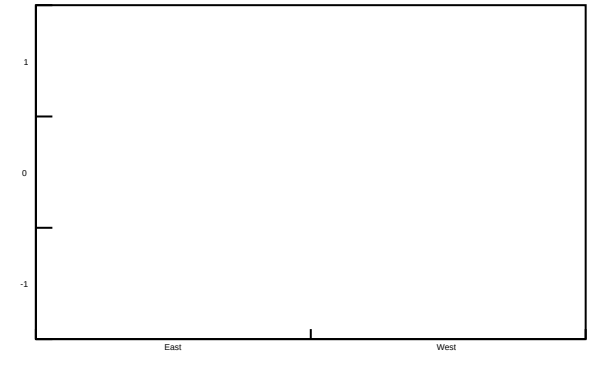
VT201 Input Ch4: VPD Tac Diff

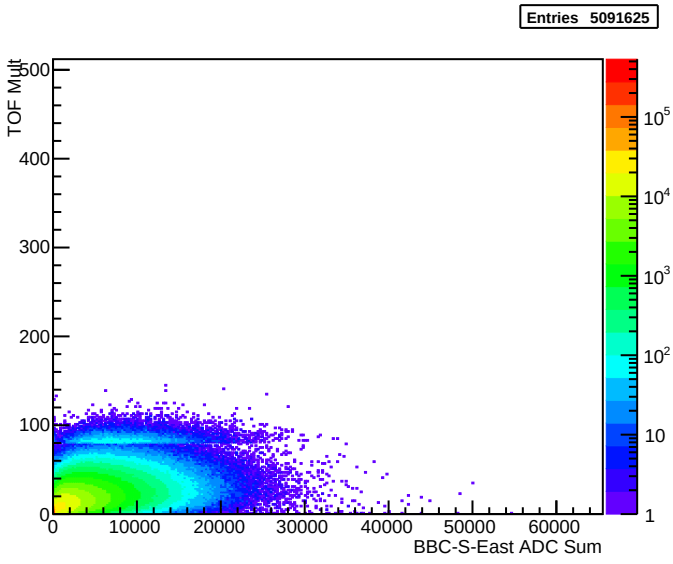


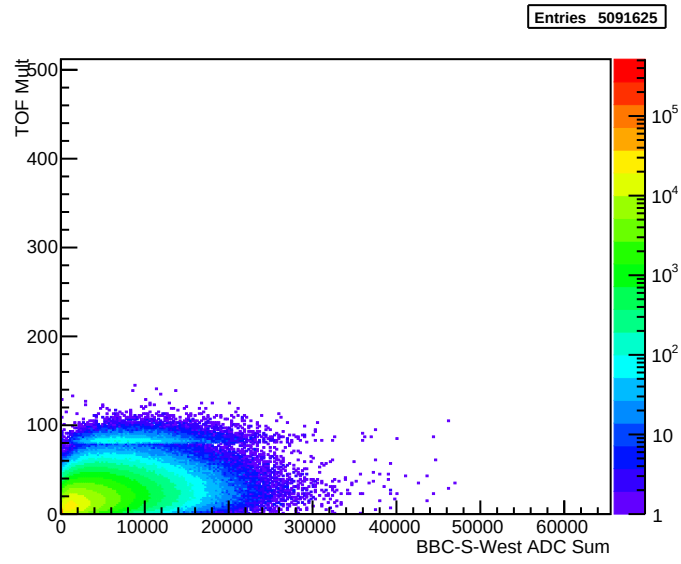
VT201 Input Ch4: VPD Adc Sum Th

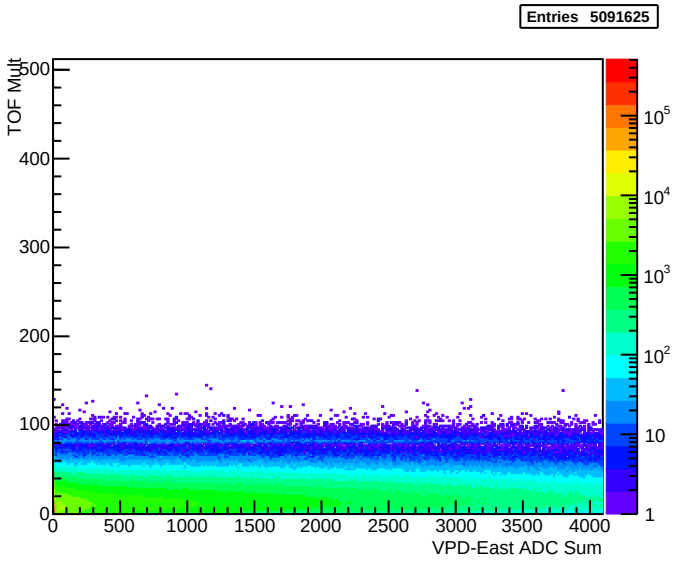


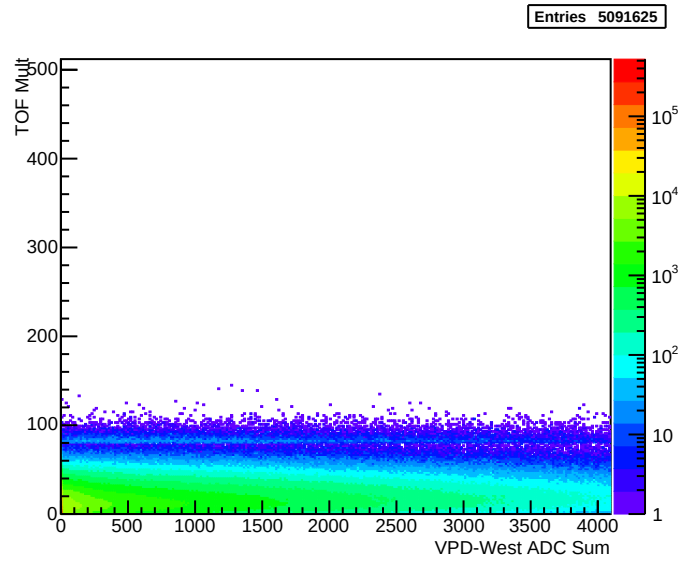
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

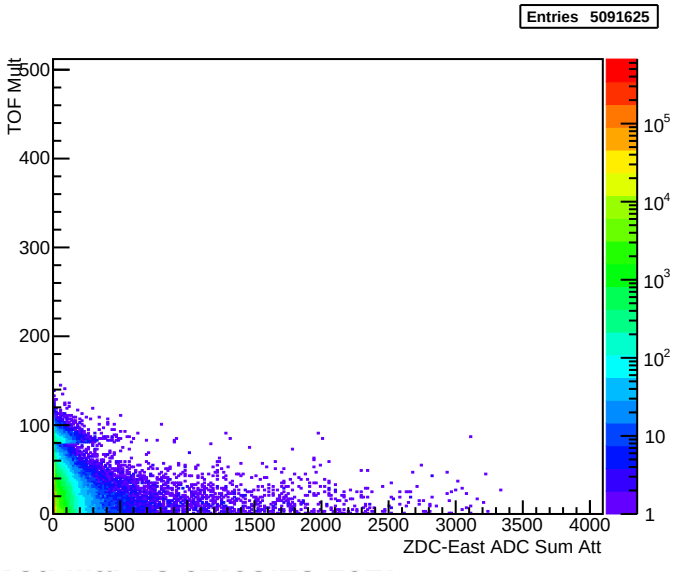


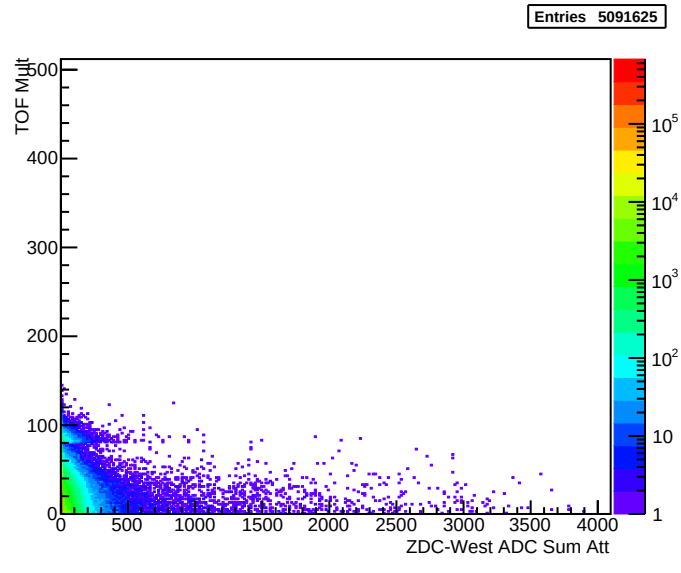

Entries 5091625
TOF Mult
BBC-S-East ADC Sum

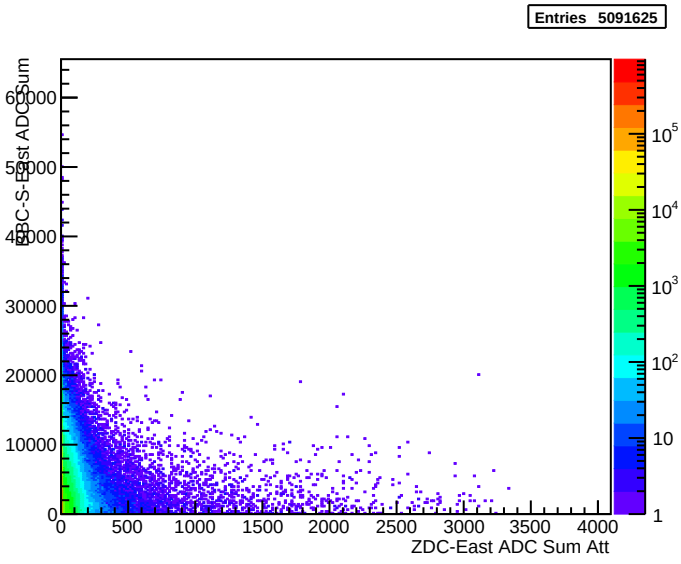

Entries 5091625
TOF Mult
BBC-S-West ADC Sum

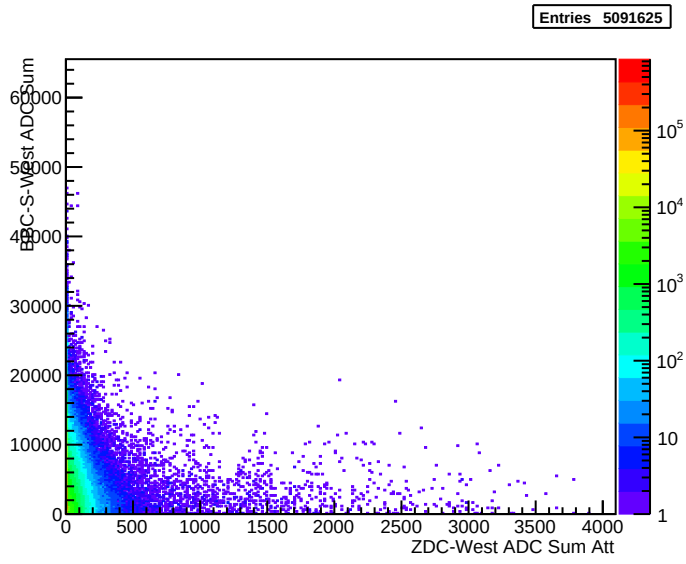

Entries 5091625
TOF Mult
VPD-East ADC Sum

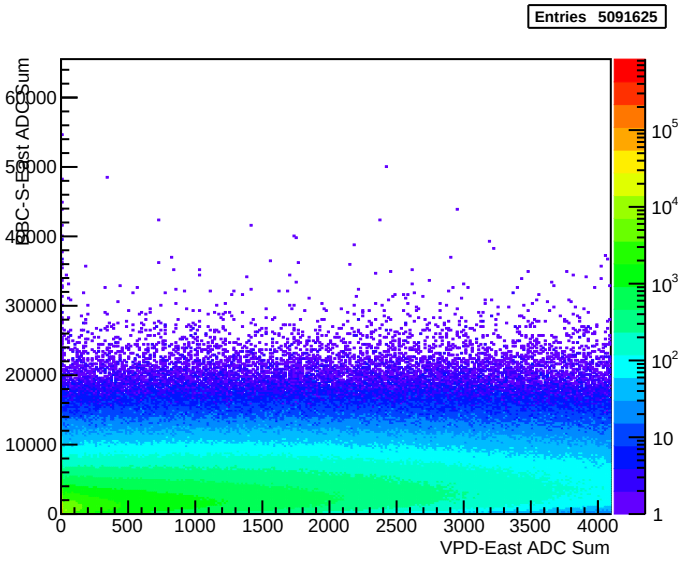

Entries 5091625
TOF Mult
VPD-West ADC Sum

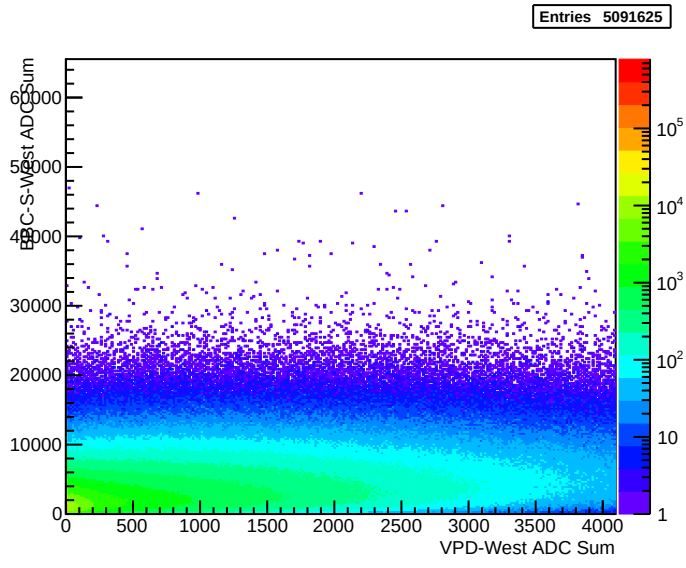

Entries 5091625
TOF Mult
ZDC-East ADC Sum Att

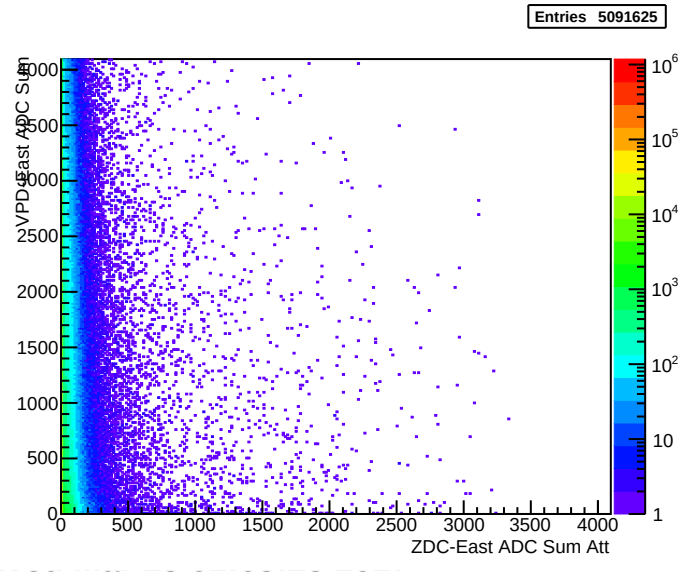

Entries 5091625
TOF Mult
ZDC-West ADC Sum Att

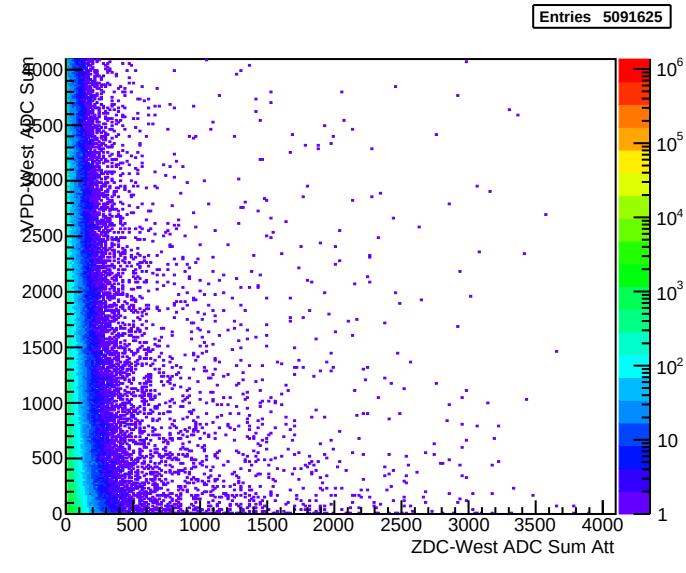

Entries 5091625
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

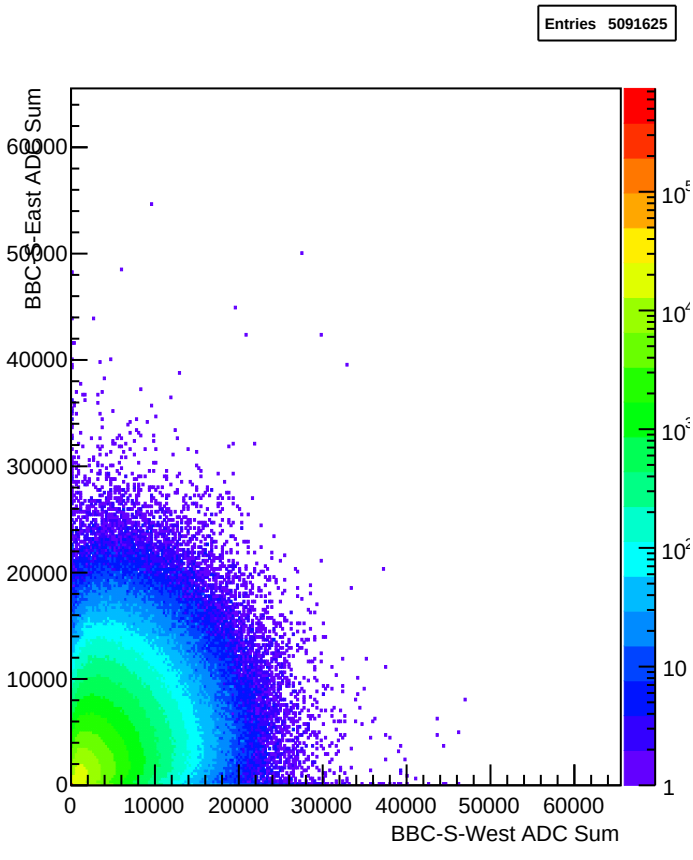

Entries 5091625
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

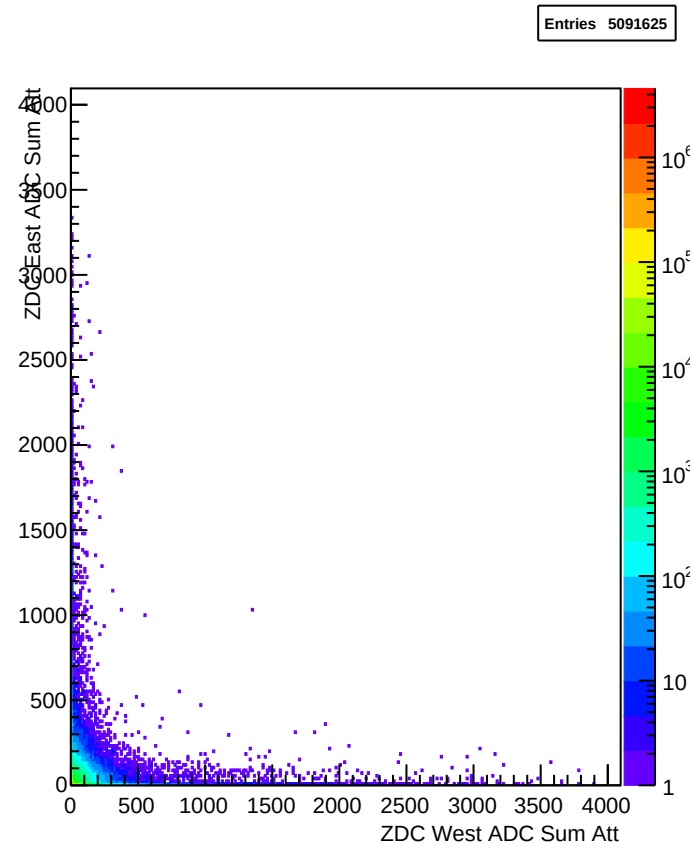

Entries 5091625
BBC-S-East ADC Sum
VPD-East ADC Sum

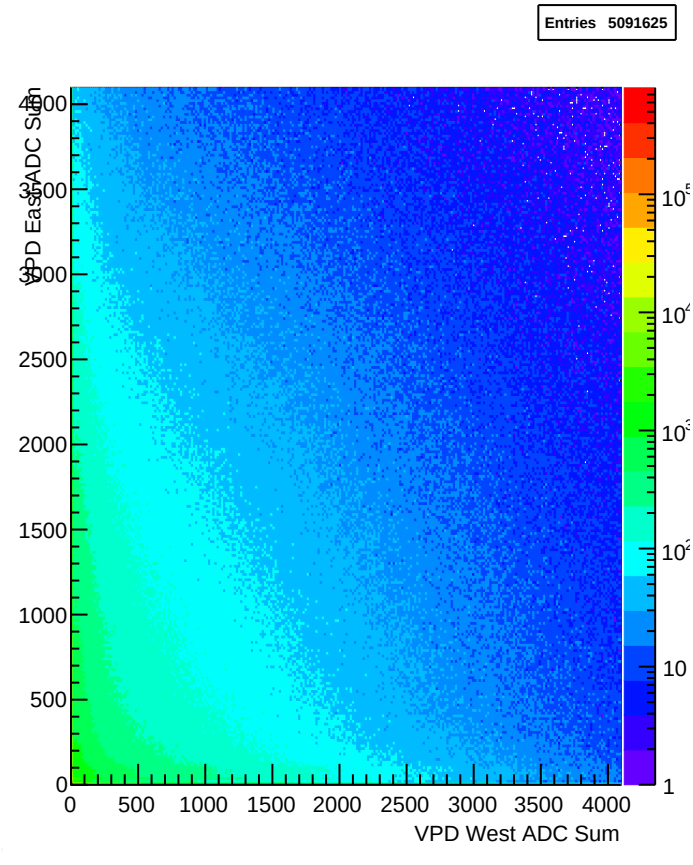

Entries 5091625
BBC-S-West ADC Sum
VPD-West ADC Sum

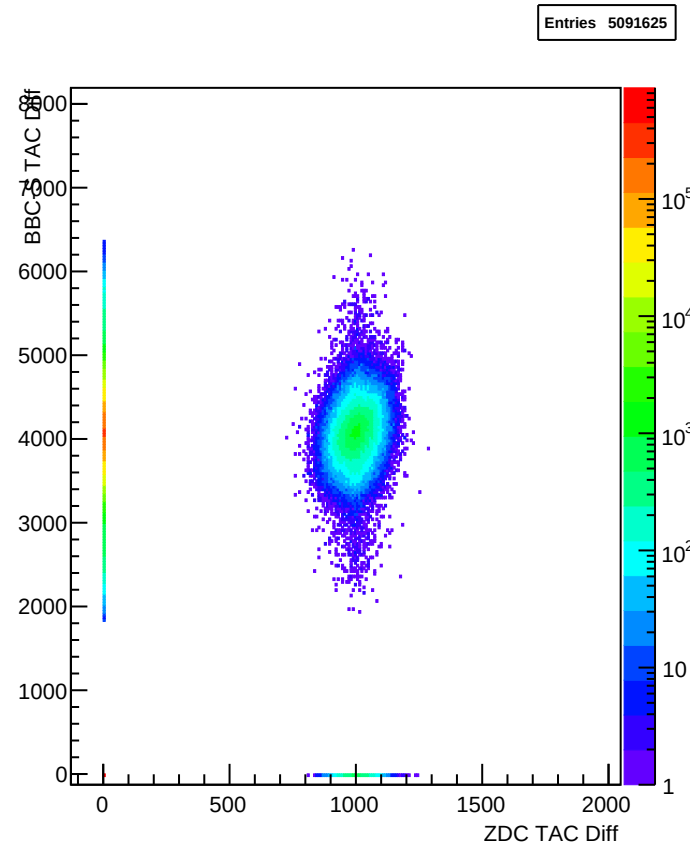

Entries 5091625
VPD-East ADC Sum
ZDC-East ADC Sum Att

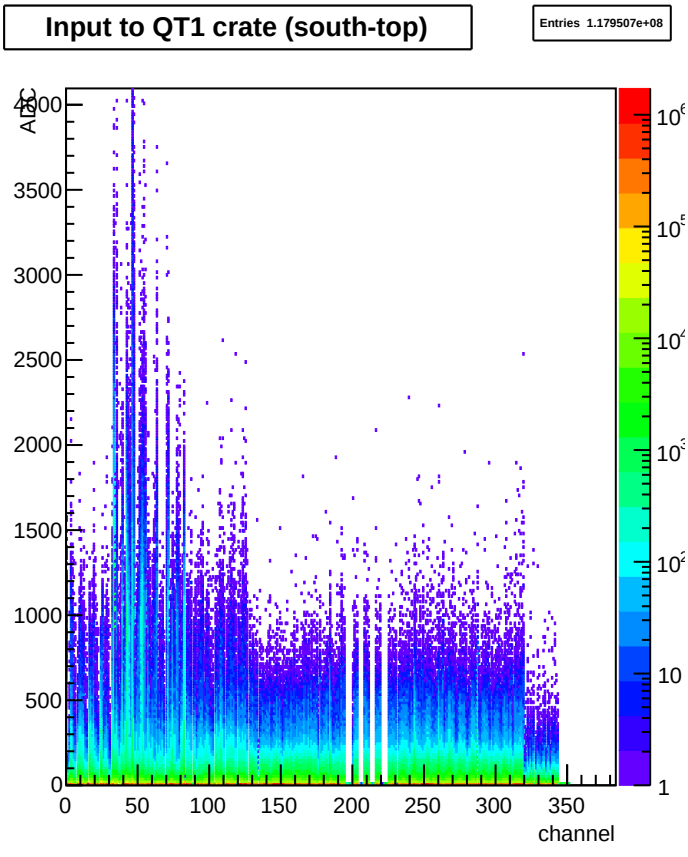

Entries 5091625
VPD-West ADC Sum
ZDC-West ADC Sum Att

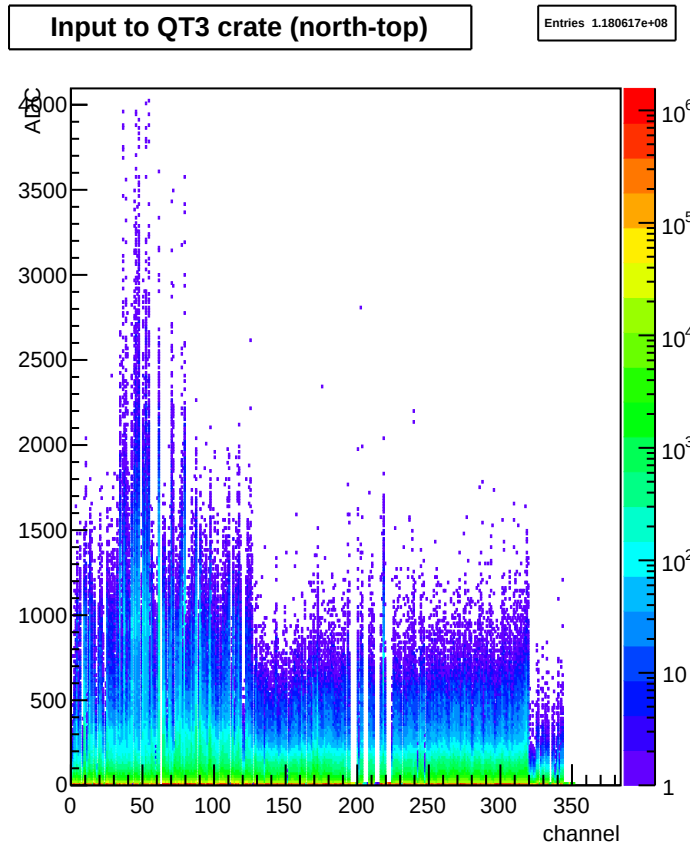

Entries 5091625
BBC-S-East ADC Sum
BBC-S-West ADC Sum

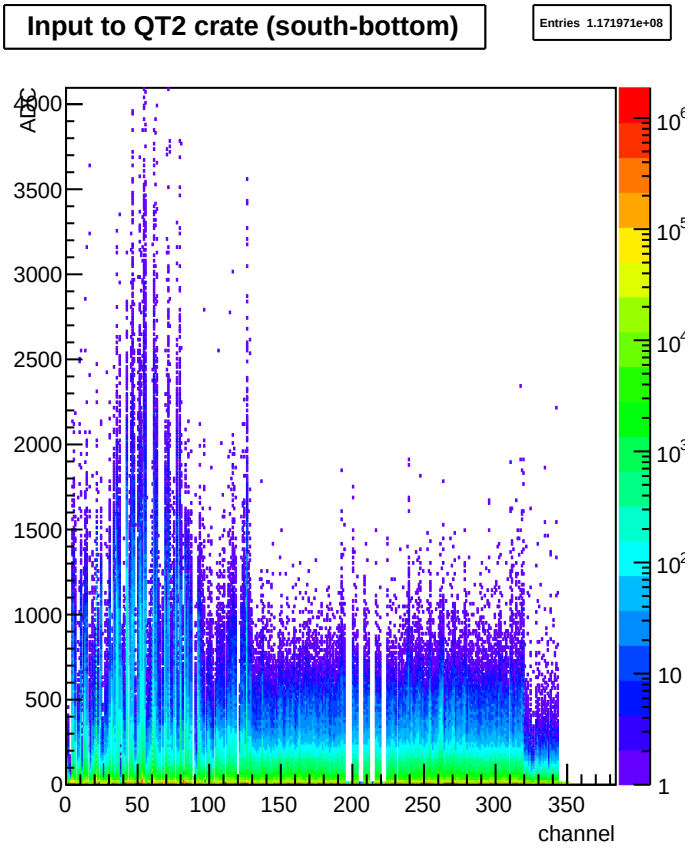

Entries 5091625
ZDC East ADC Sum Att
ZDC West ADC Sum Att

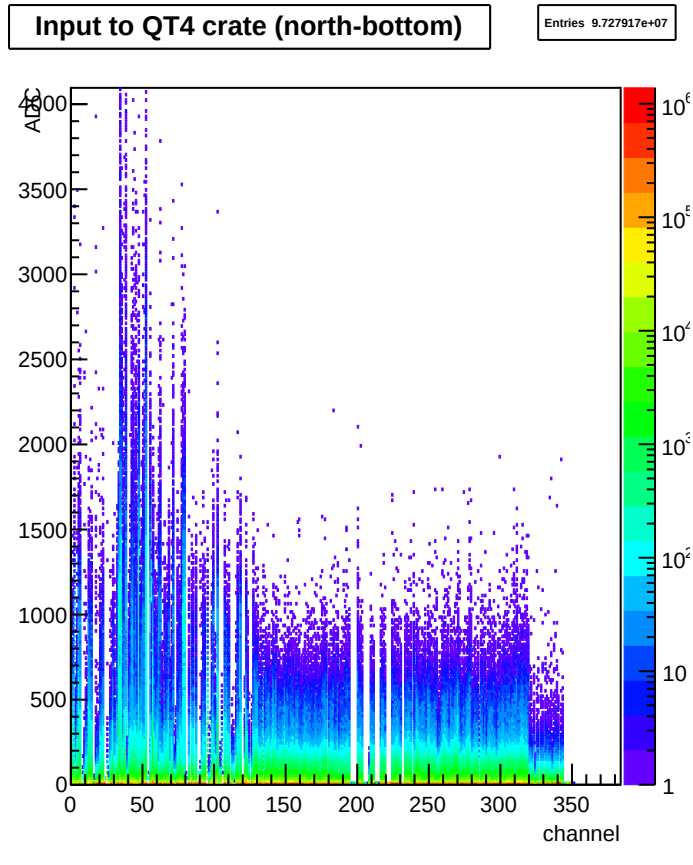

Entries 5091625
VPD East ADC Sum
VPD West ADC Sum

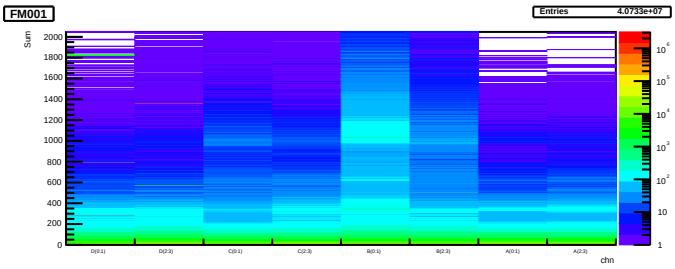

Entries 5091625
BBC-S TAC Diff
ZDC TAC Diff

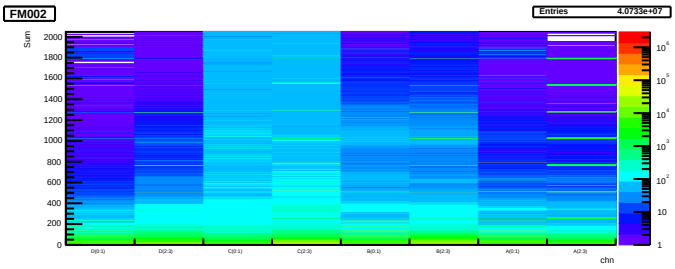

Input to QT1 crate (south-top)
Entries 1.179507e+08
ADC
channel

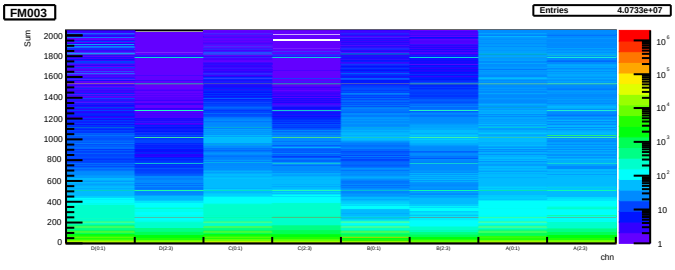

Input to QT3 crate (north-top)
Entries 1.180617e+08
ADC
channel

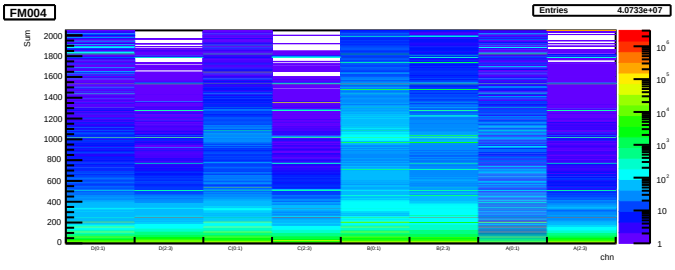

Input to QT2 crate (south-bottom)
Entries 1.171971e+08
ADC
channel

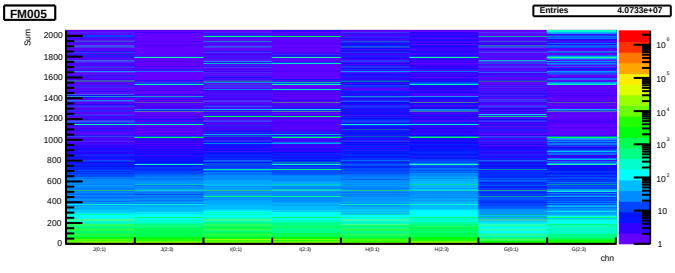

Input to QT4 crate (north-bottom)
Entries 9.727917e+07
ADC
channel

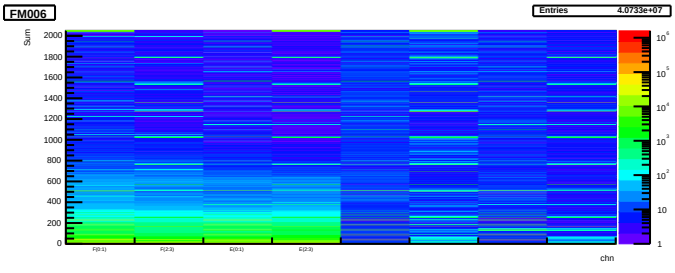

FM001
Entries 4.0733e+07
Sum
chn

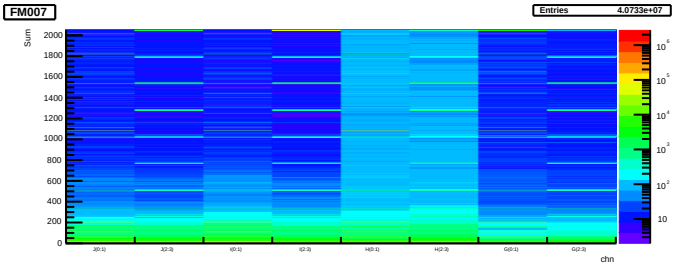

FM002
Entries 4.0733e+07
Sum
chn

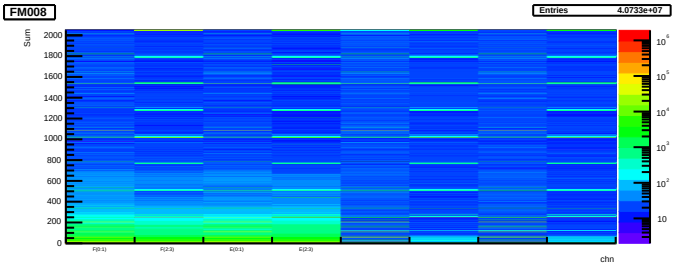

FM003
Entries 4.0733e+07
Sum
chn


FM004
Entries 4.0733e+07
Sum
chn


FM005
Entries 4.0733e+07
Sum
chn


FM006
Entries 4.0733e+07
Sum
chn


FM007
Entries 4.0733e+07
Sum
chn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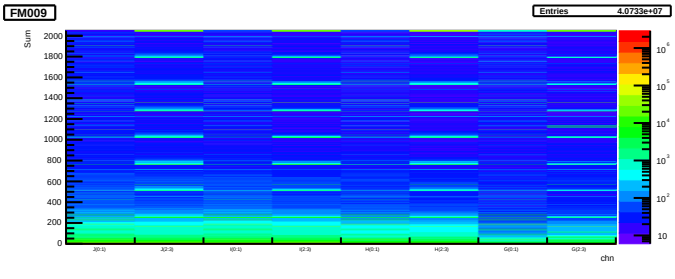
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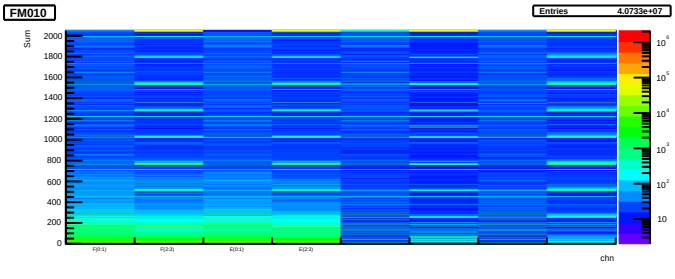
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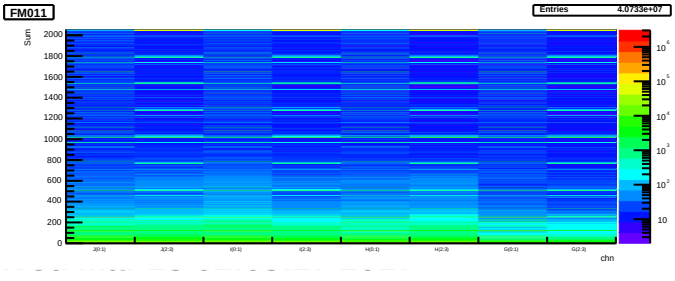
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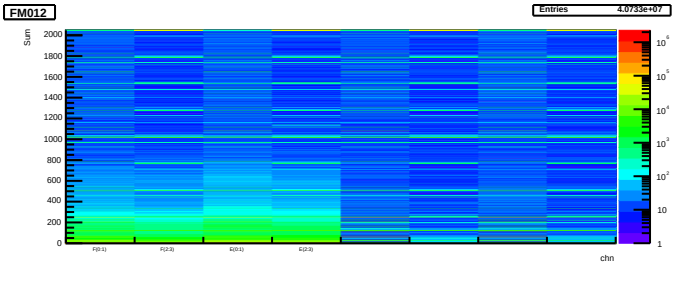
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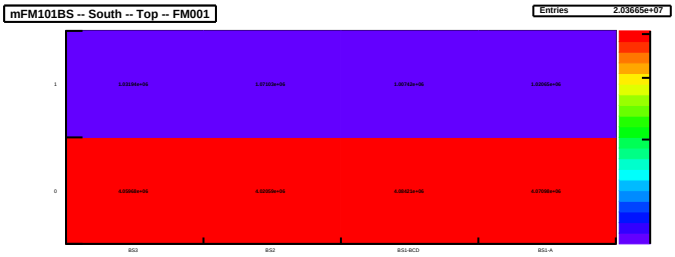
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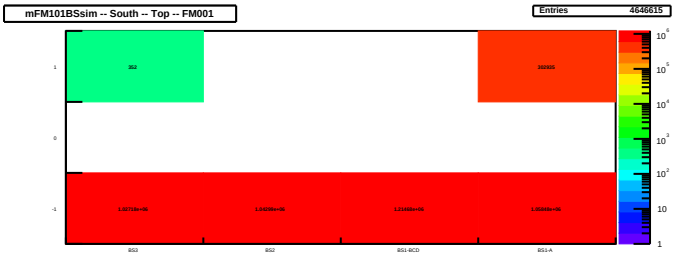
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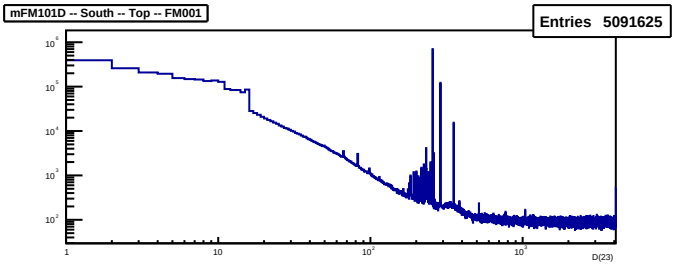
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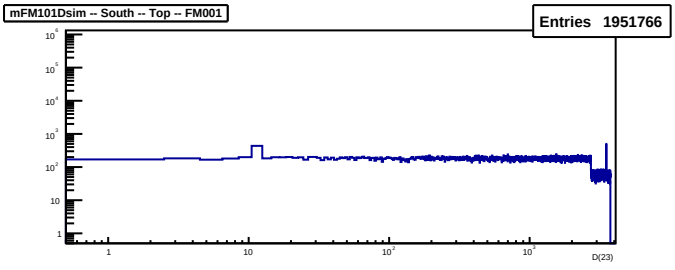
Entries 5091625
D(23)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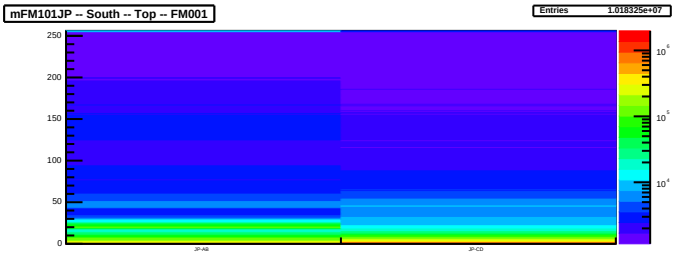
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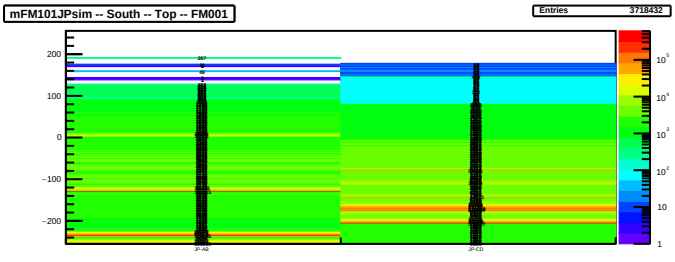
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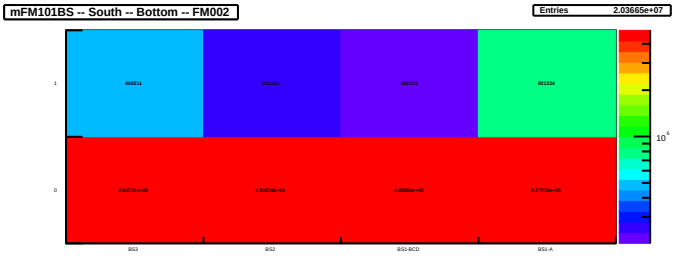
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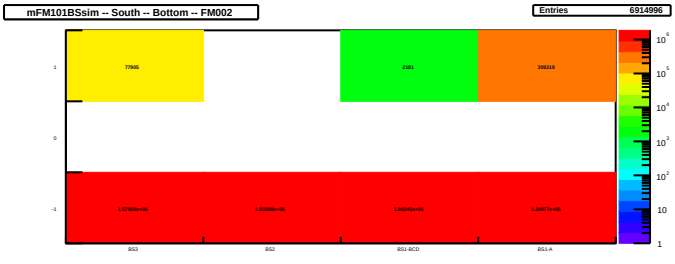
Entries 2.03665e+07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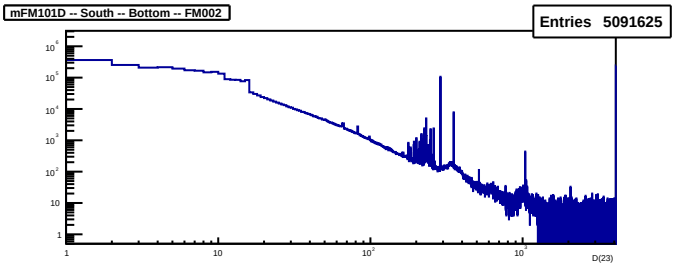
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Entries 5091625
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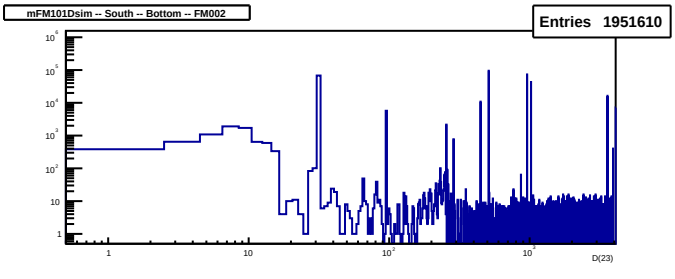
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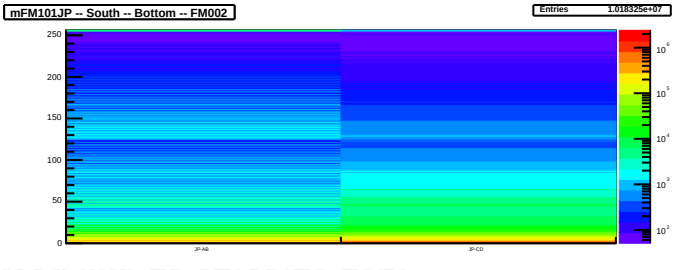
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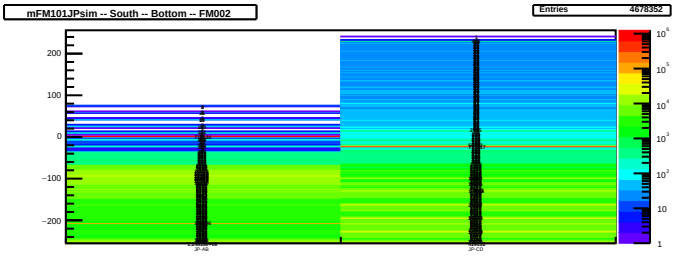
Entries 1.018325e+07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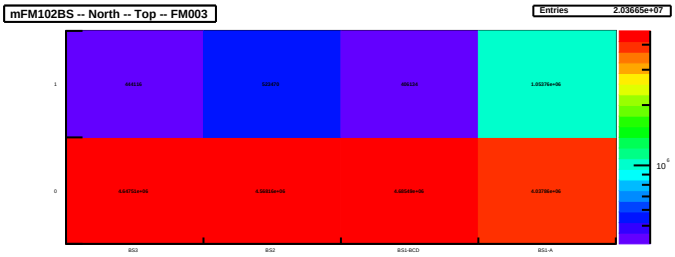
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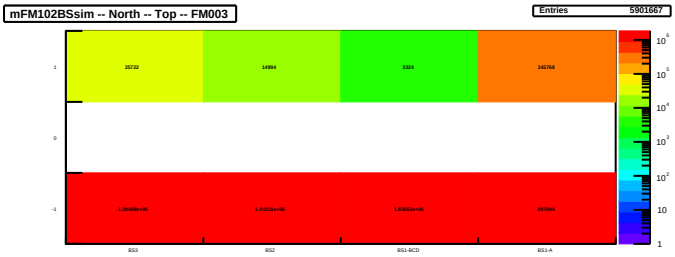
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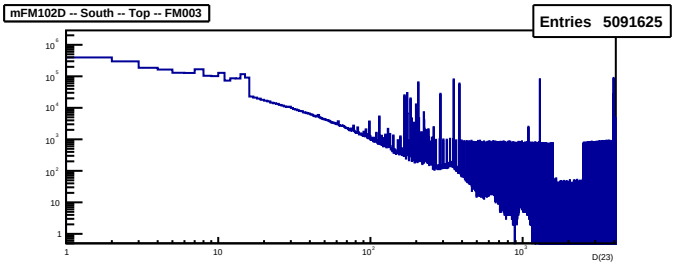
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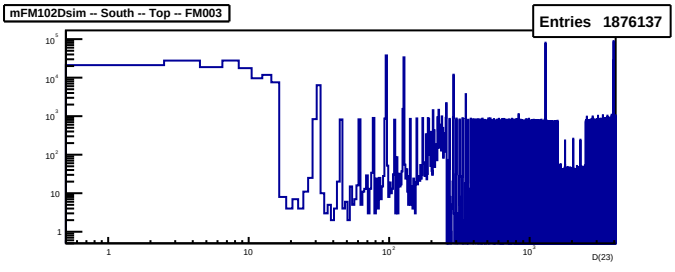
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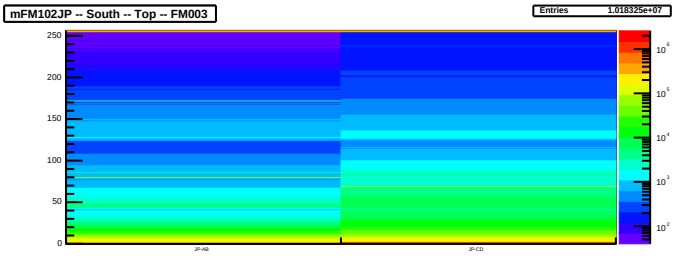
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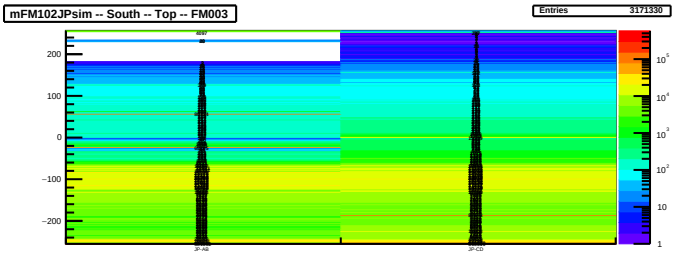
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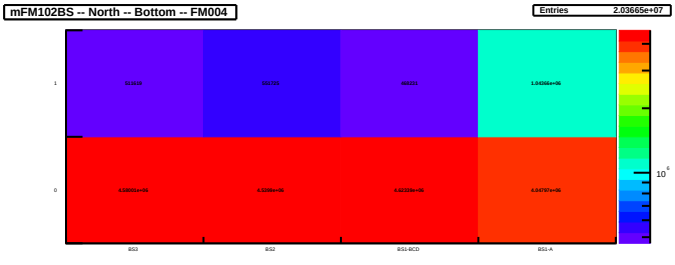
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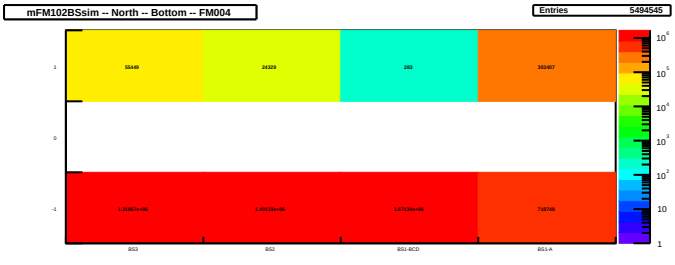
Entries 2.03665e+07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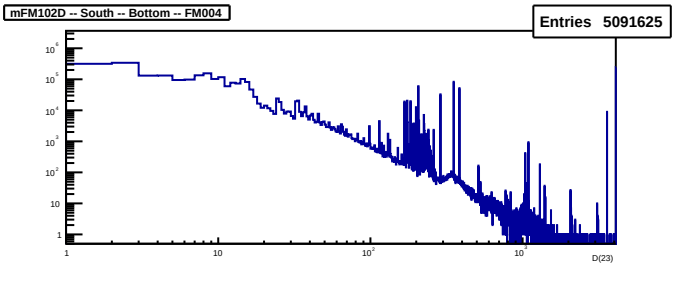
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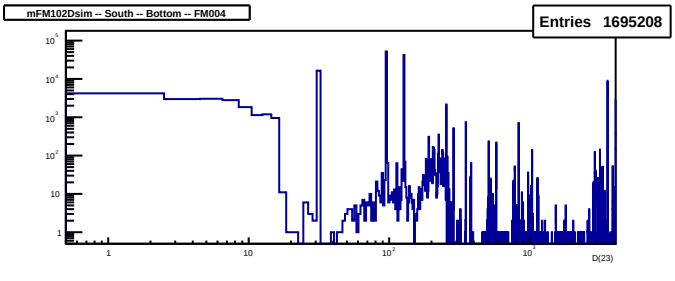
Entries 5091625
D(23)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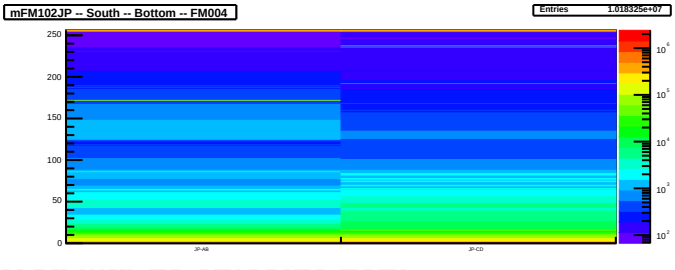
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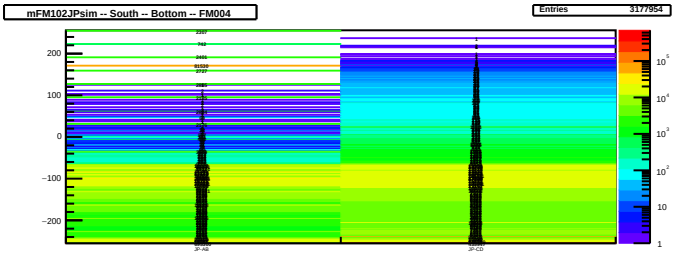
Entries 1.018325e+07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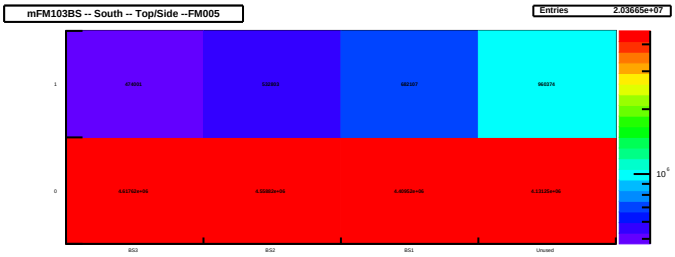
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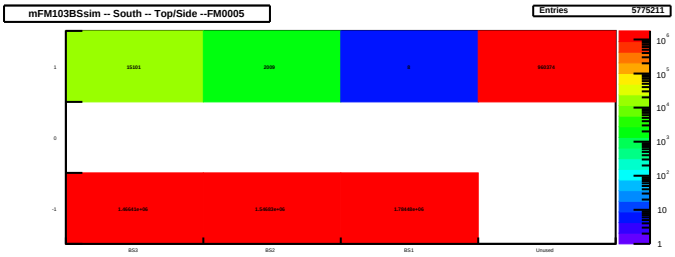
Entries 2.03665e+07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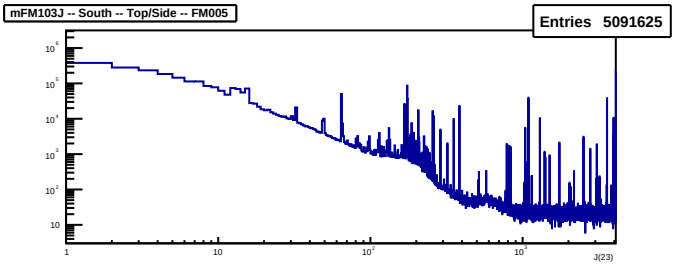
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Entries 5091625
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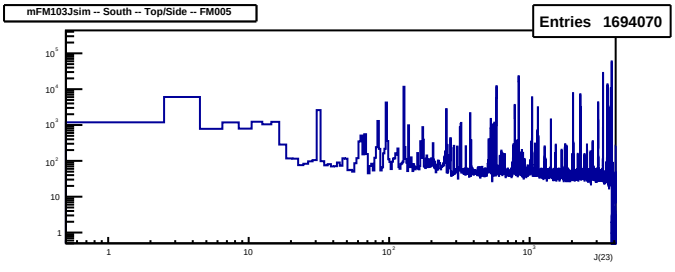
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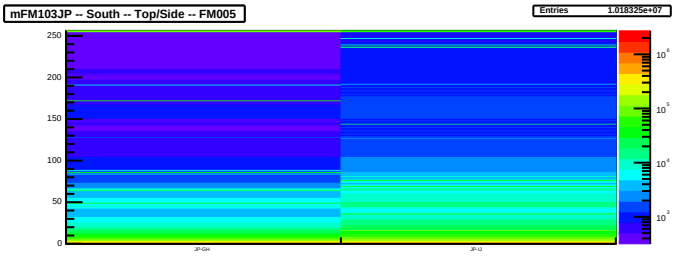
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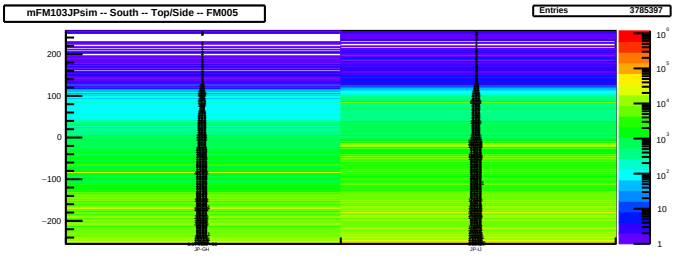
Entries 1.018325e+07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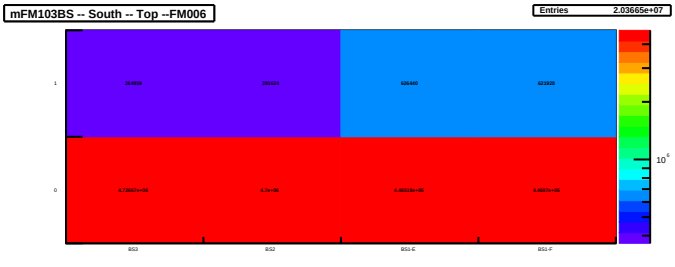
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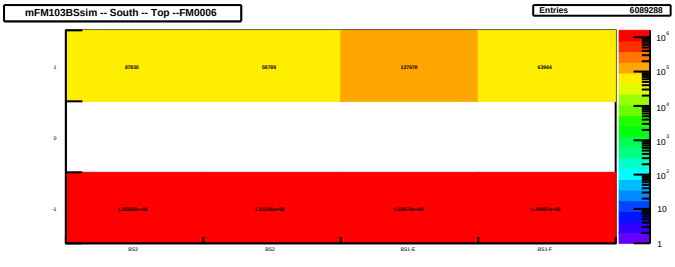
Entries 2.03665e+07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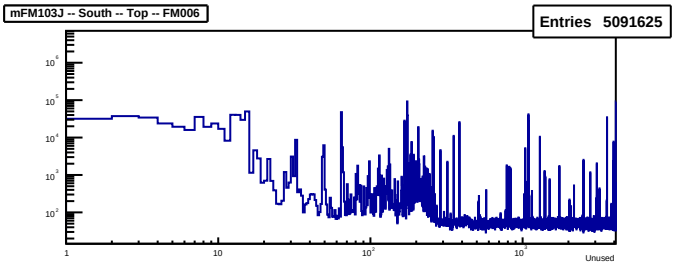
mFM103J -- South -- Top -- FM006
Entries 5091625
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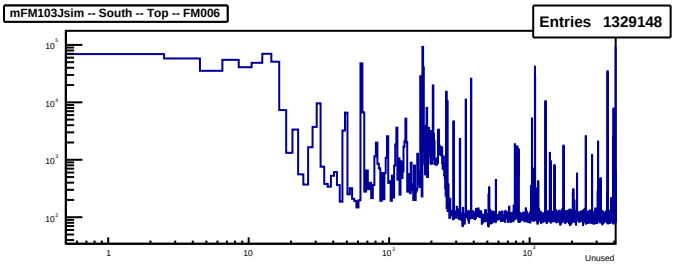
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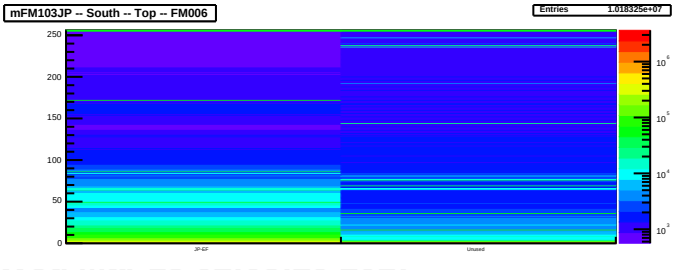
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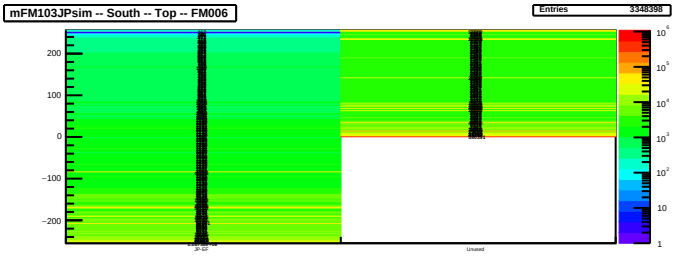
Entries 1.018325e+07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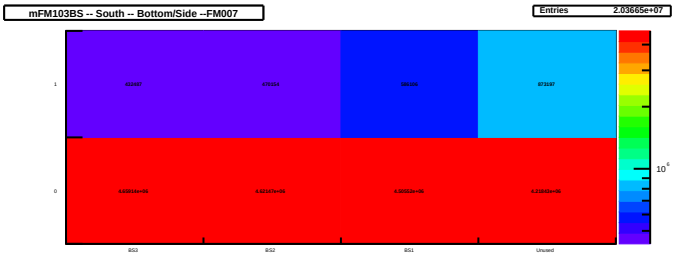
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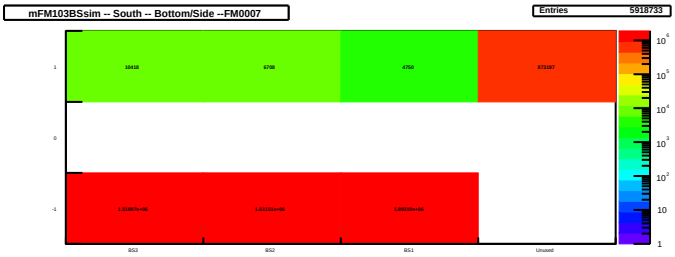
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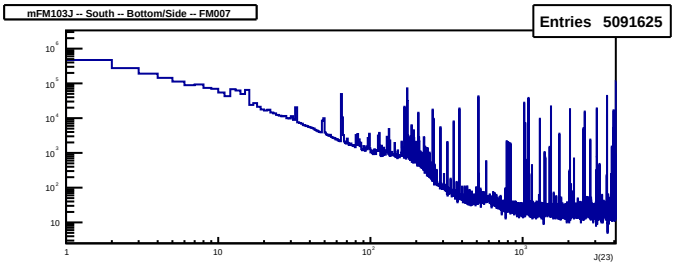
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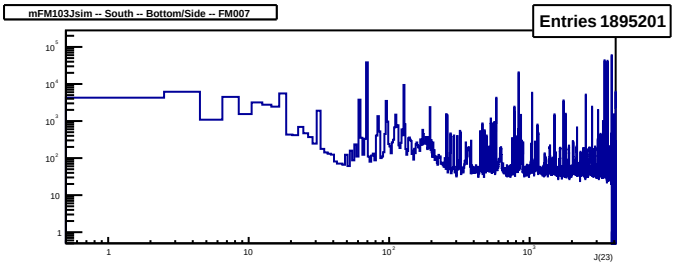
J(23)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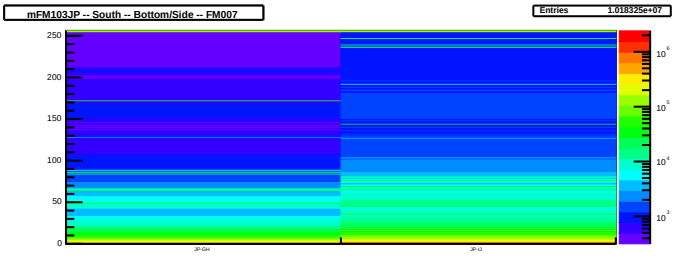
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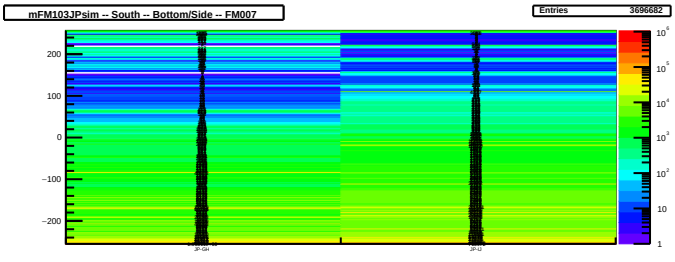
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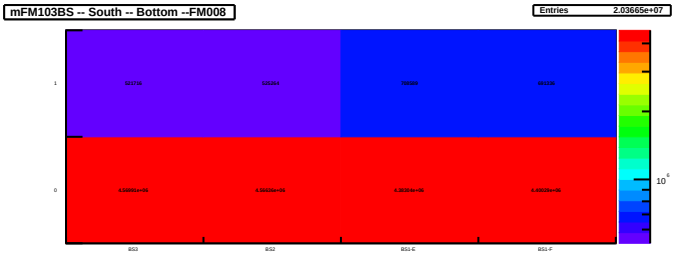
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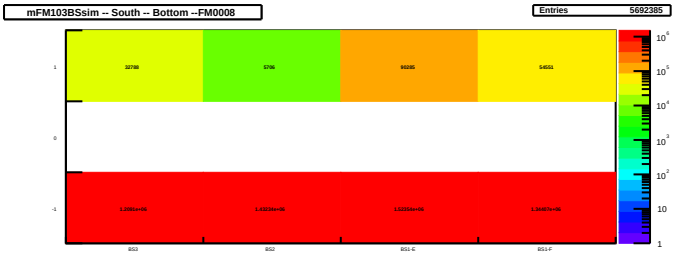
Entries 2.03665e+07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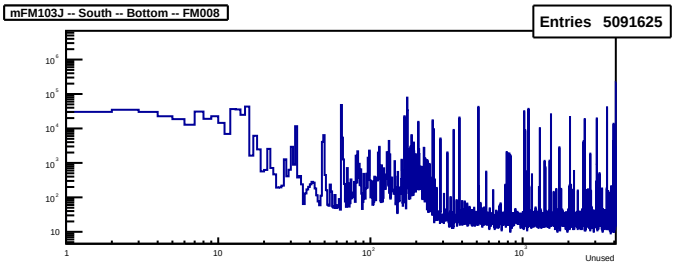
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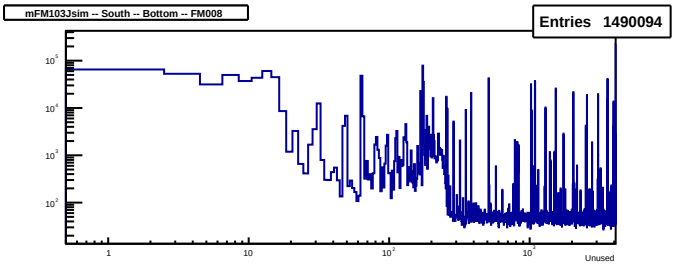
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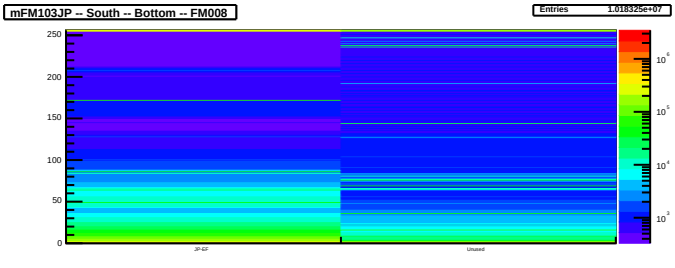
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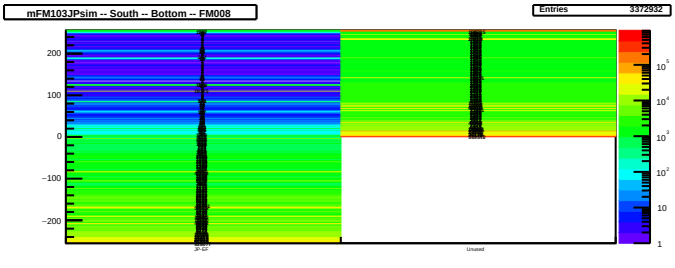
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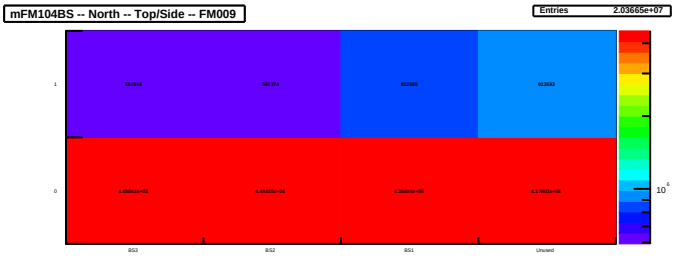
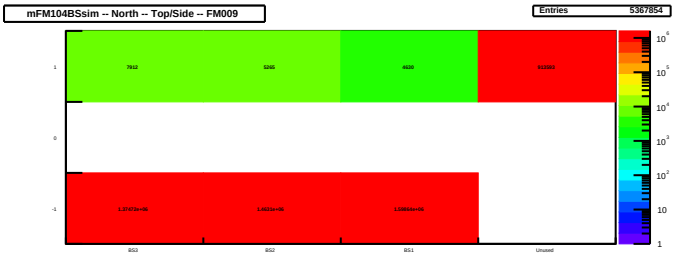
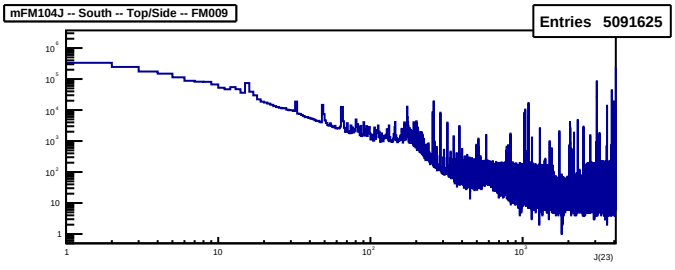
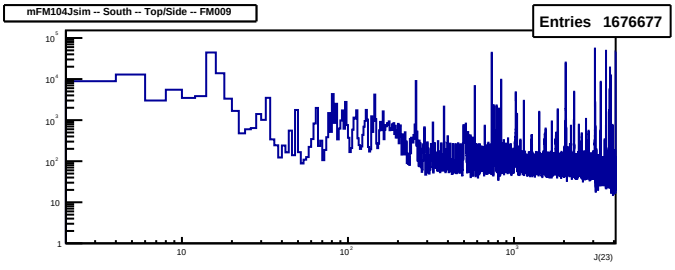

mFM104BS -- North -- Top/Side -- FM009
Entries 2.03665e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5367854


mFM104J -- South -- Top/Side -- FM009
Entries 5091625
J(23)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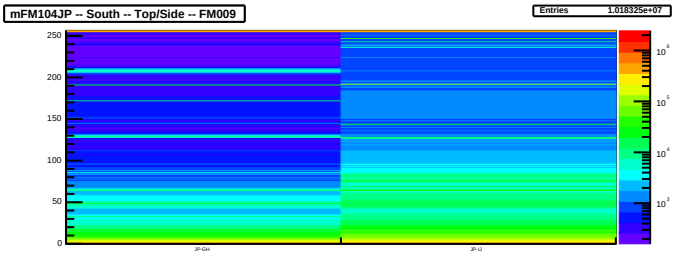
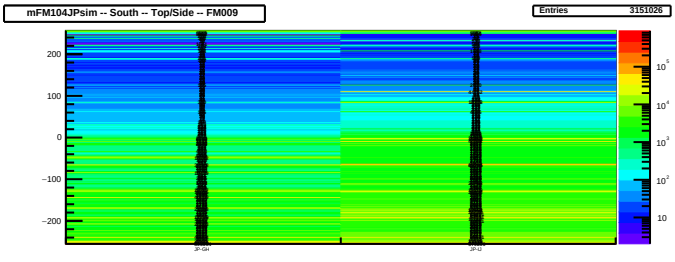
Entries 1676677
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.018325e+07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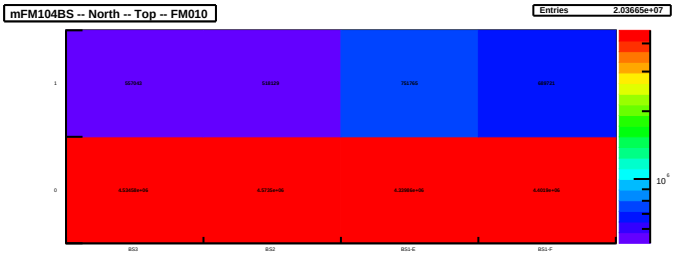
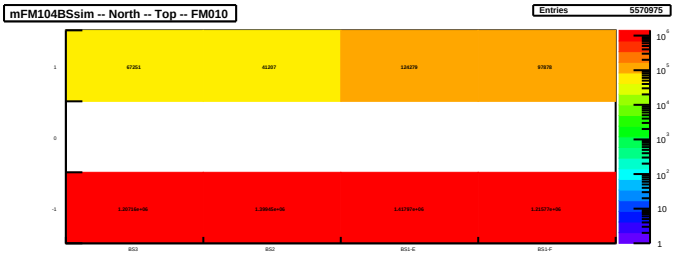
Entries 3151026


mFM104BS -- North -- Top -- FM010
Entries 2.03665e+07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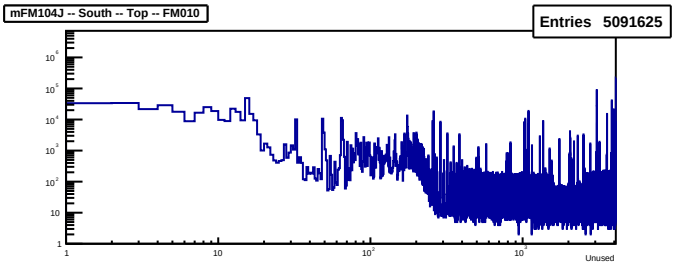
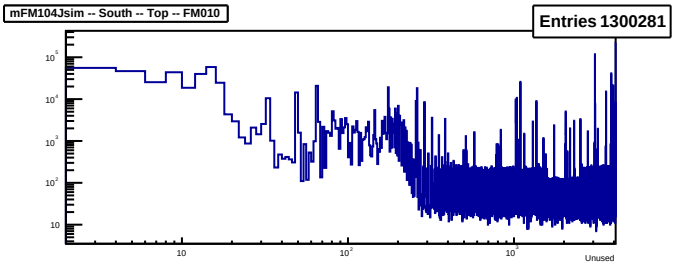
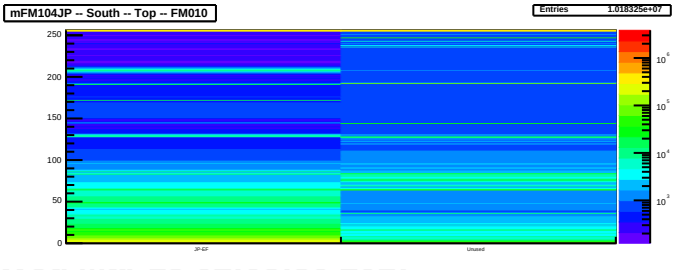
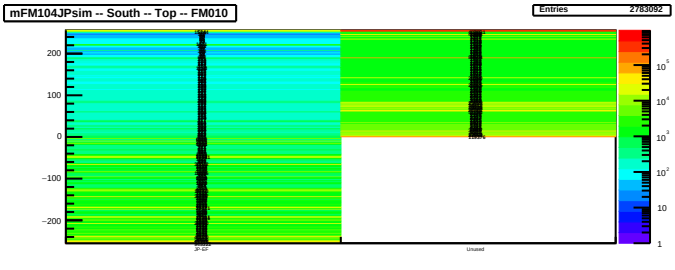
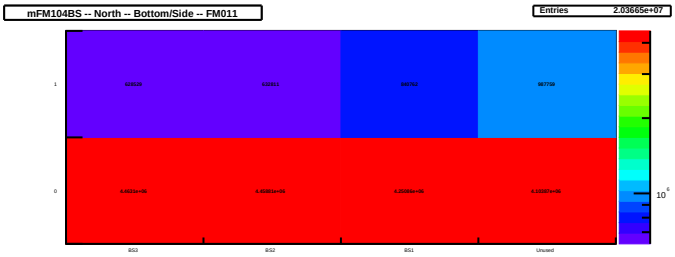
Entries 5570975

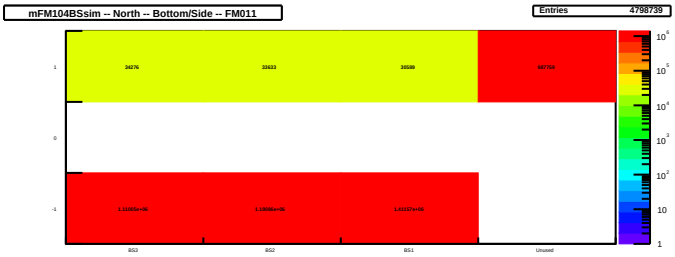

mFM104J -- South -- Top -- FM010
Entries 5091625
Unused

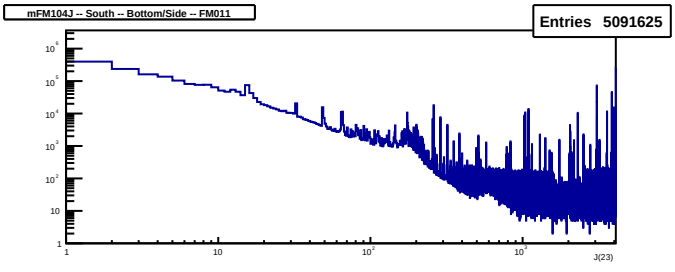

mFM104Jsim -- South -- Top -- FM010
Entries 1300281
Unused

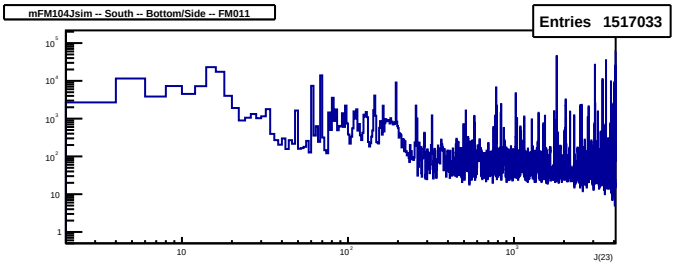

mFM104JP -- South -- Top -- FM010
Entries 1.018325e+07

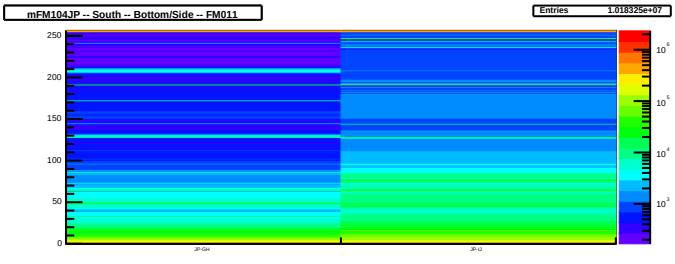

mFM104JPsim -- South -- Top -- FM010
Entries 2783092

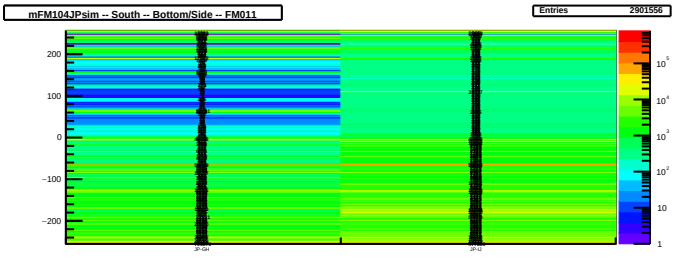

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.03665e+07

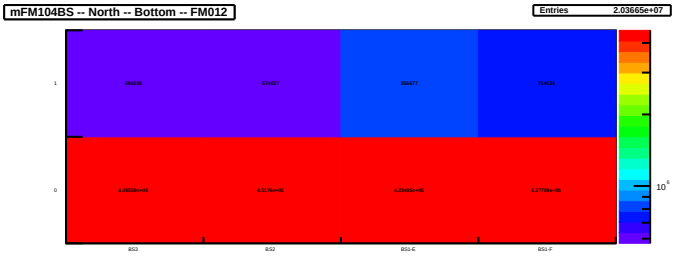

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4798739

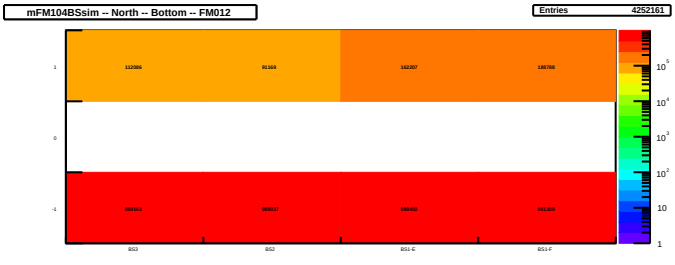

mFM104J -- South -- Bottom/Side -- FM011
Entries 5091625
J(23)

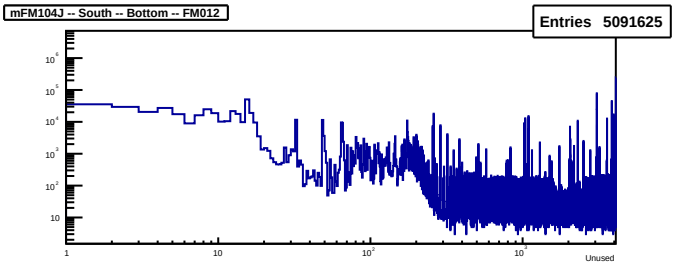

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1517033
J(23)

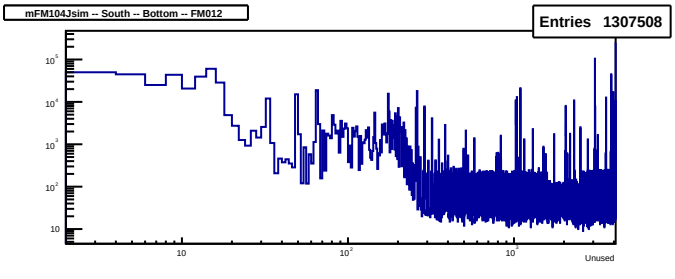

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.018325e+07

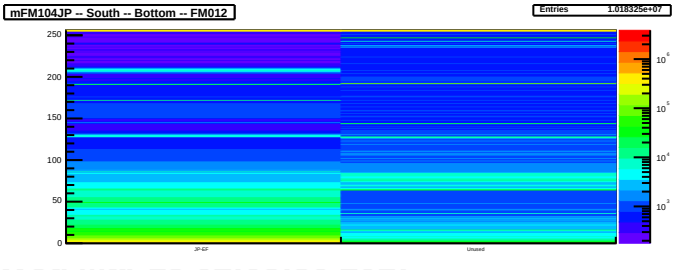

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2901556

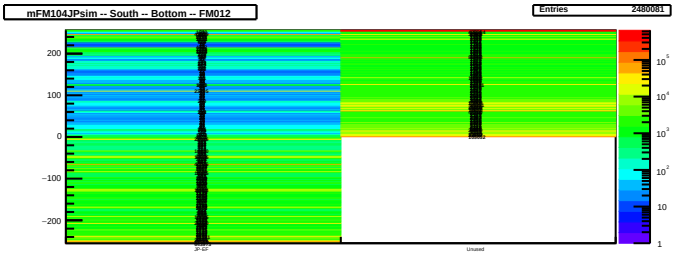

mFM104BS -- North -- Bottom -- FM012
Entries 2.03665e+07

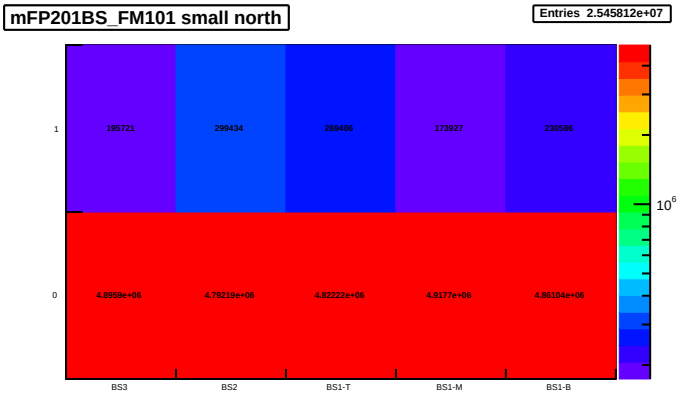

mFM104BSsim -- North -- Bottom -- FM012
Entries 4252161

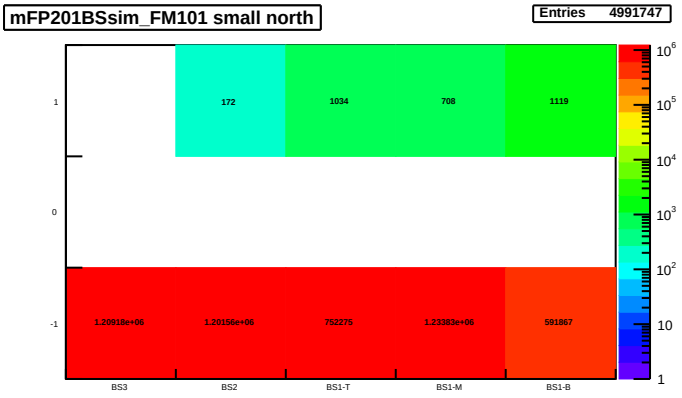

mFM104J -- South -- Bottom -- FM012
Entries 5091625
Unused

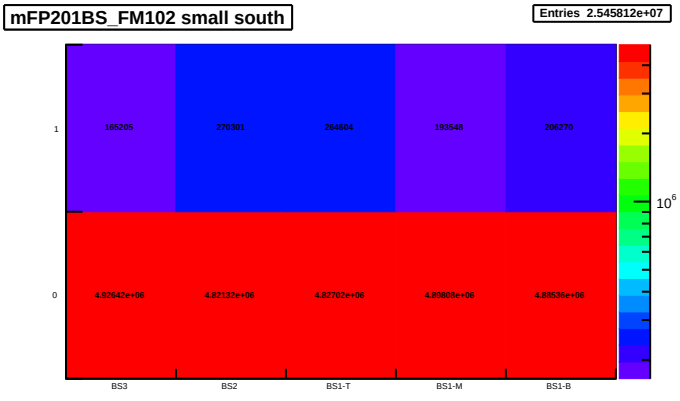

mFM104Jsim -- South -- Bottom -- FM012
Entries 1307508
Unused

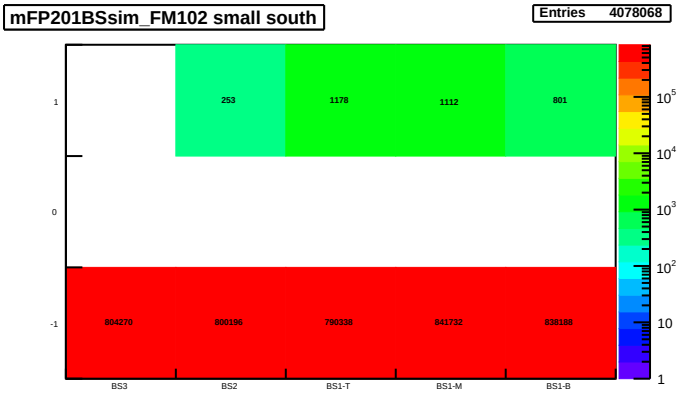

mFM104JP -- South -- Bottom -- FM012
Entries 1.018325e+07

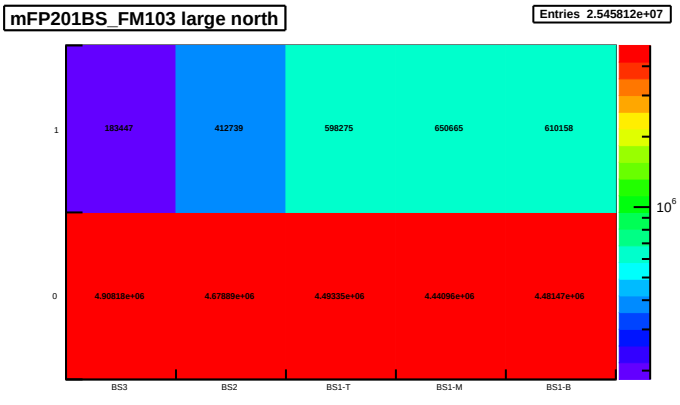

mFM104JPsim -- South -- Bottom -- FM012
Entries 2480081

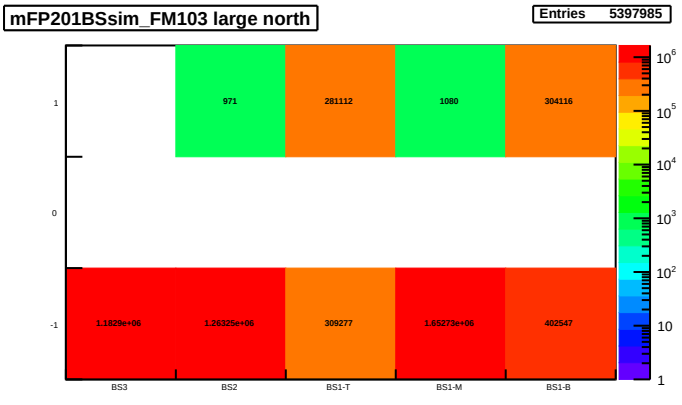

mFP201BS_FM101 small north
Entries 2.545812e+07
195721
299434
269406
173927
230586
4.8959e+06
4.79219e+06
4.82222e+06
4.9177e+06
4.86104e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

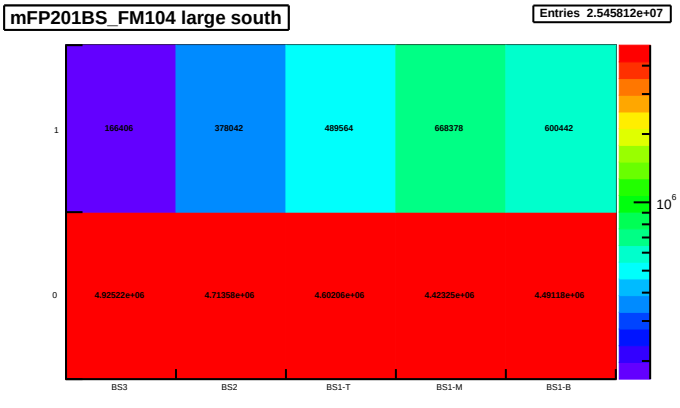

mFP201BSsim_FM101 small north
Entries 4991747
172
1034
708
1119
1.20918e+06
1.20156e+06
752275
1.23383e+06
591867
BS3
BS2
BS1-T
BS1-M
BS1-B

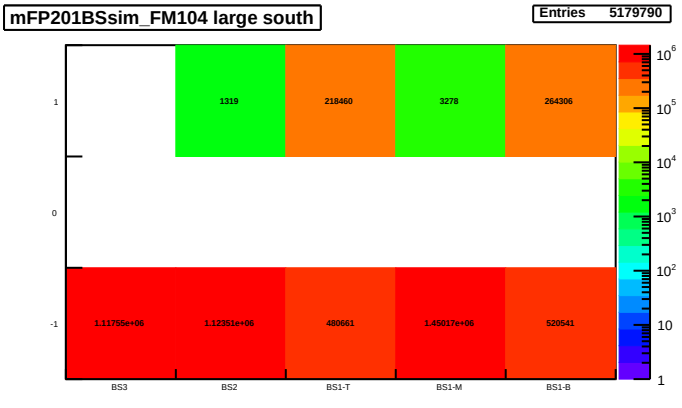

mFP201BS_FM102 small south
Entries 2.545812e+07
165205
270301
264604
193548
206270
4.92642e+06
4.82132e+06
4.82702e+06
4.89808e+06
4.88536e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

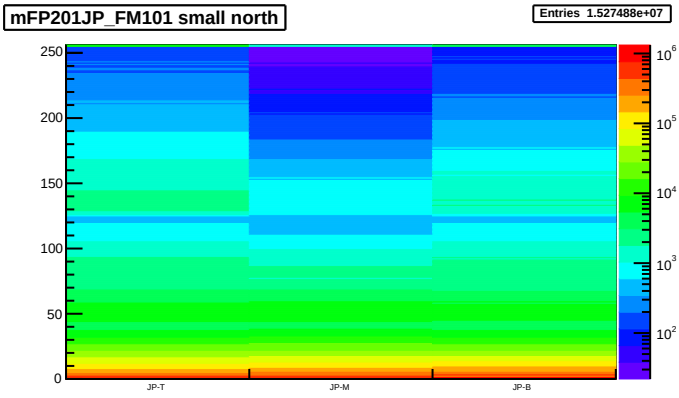

mFP201BSsim_FM102 small south
Entries 4078068
253
1178
1112
801
804270
800196
790338
841732
838188
BS3
BS2
BS1-T
BS1-M
BS1-B

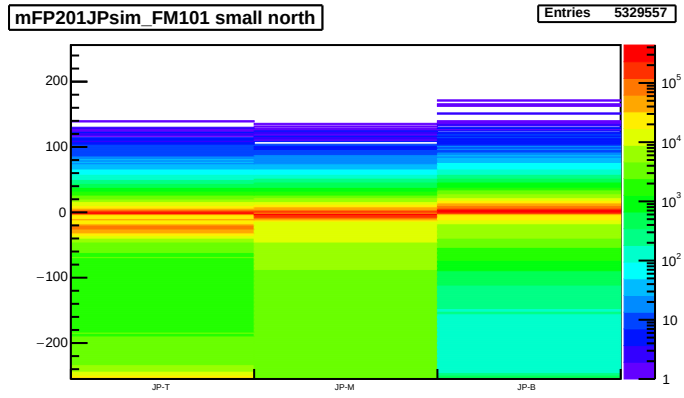

mFP201BS_FM103 large north
Entries 2.545812e+07
183447
412739
598275
650665
610158
4.90818e+06
4.67889e+06
4.49335e+06
4.44096e+06
4.48147e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

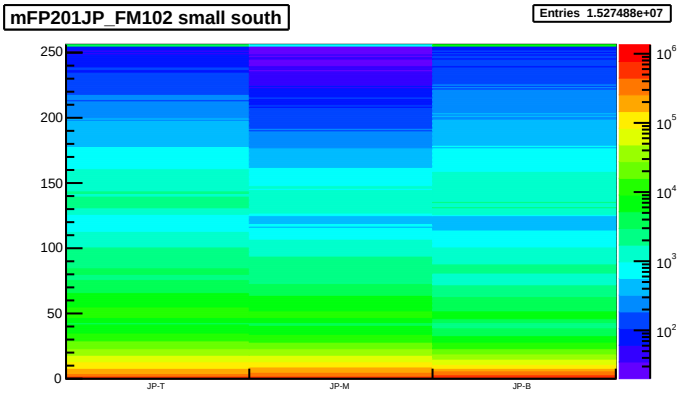

mFP201BSsim_FM103 large north
Entries 5397985
971
281112
1080
304116
1.1829e+06
1.26325e+06
309277
1.65273e+06
402547
BS3
BS2
BS1-T
BS1-M
BS1-B

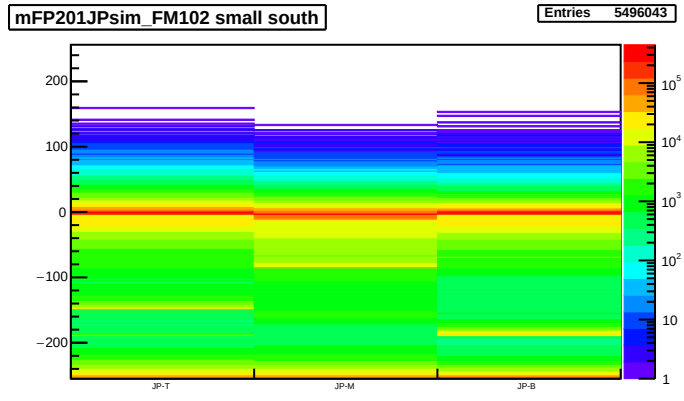

mFP201BS_FM104 large south
Entries 2.545812e+07
166406
378042
489564
668378
600442
4.92522e+06
4.71358e+06
4.60206e+06
4.42325e+06
4.49118e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

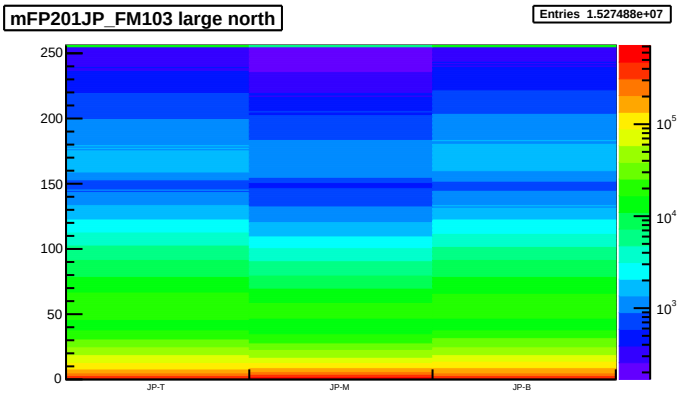

mFP201BSsim_FM104 large south
Entries 5179790
1319
218460
3278
264306
1.11755e+06
1.12351e+06
480661
1.45017e+06
520541
BS3
BS2
BS1-T
BS1-M
BS1-B

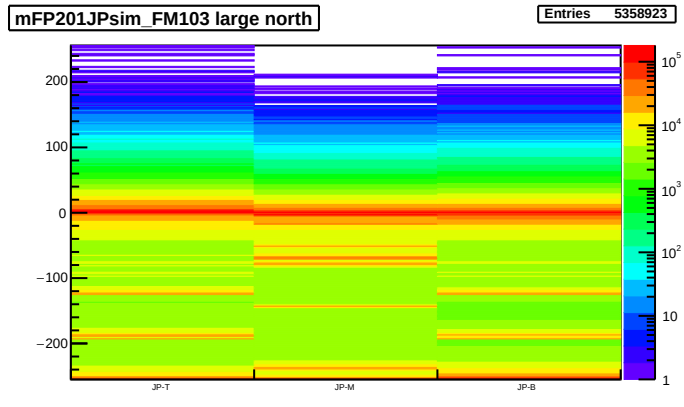

mFP201JP_FM101 small north
Entries 1.527488e+07
JP-T
JP-M
JP-B

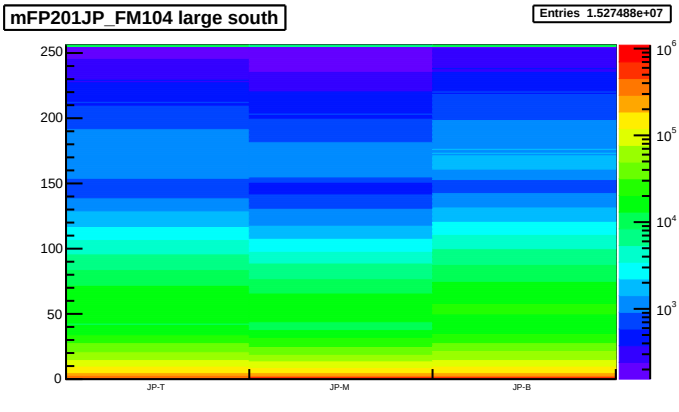

mFP201JPsim_FM101 small north
Entries 5329557
JP-T
JP-M
JP-B

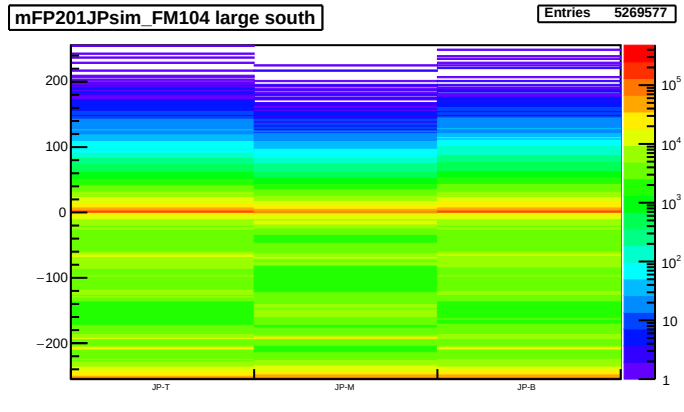

mFP201JP_FM102 small south
Entries 1.527488e+07
JP-T
JP-M
JP-B

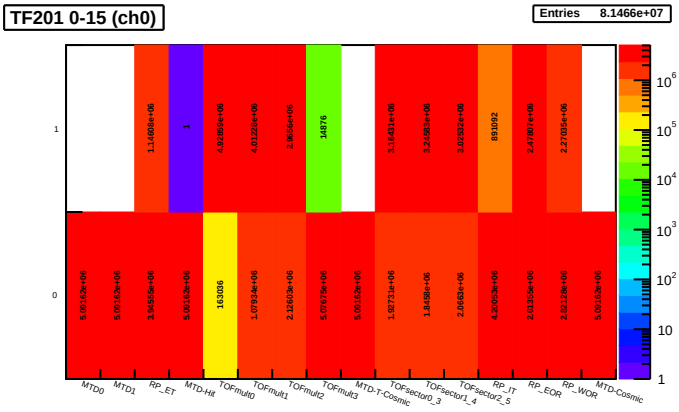

mFP201JPsim_FM102 small south
Entries 5496043
JP-T
JP-M
JP-B

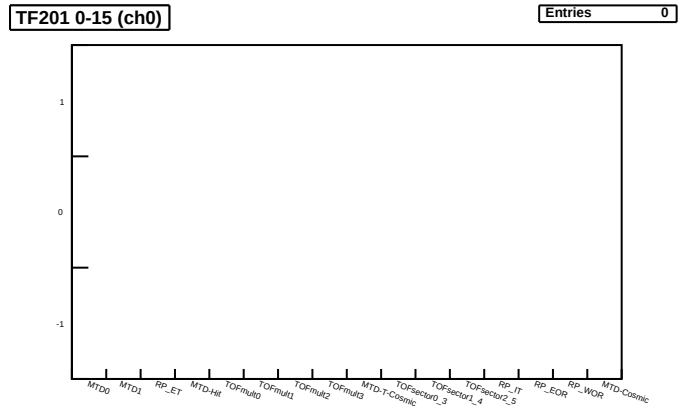

mFP201JP_FM103 large north
Entries 1.527488e+07
JP-T
JP-M
JP-B

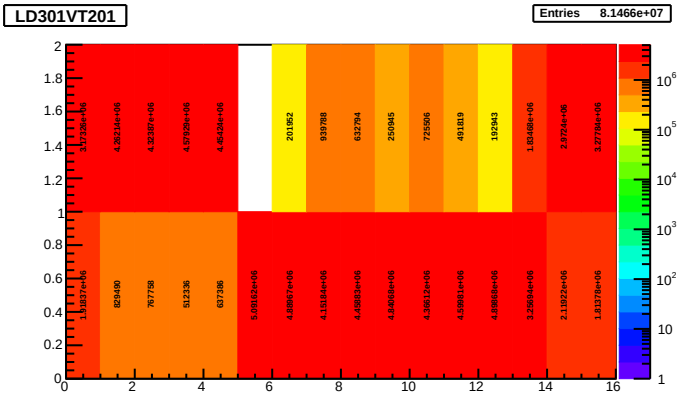

mFP201JPsim_FM103 large north
Entries 5358923
JP-T
JP-M
JP-B

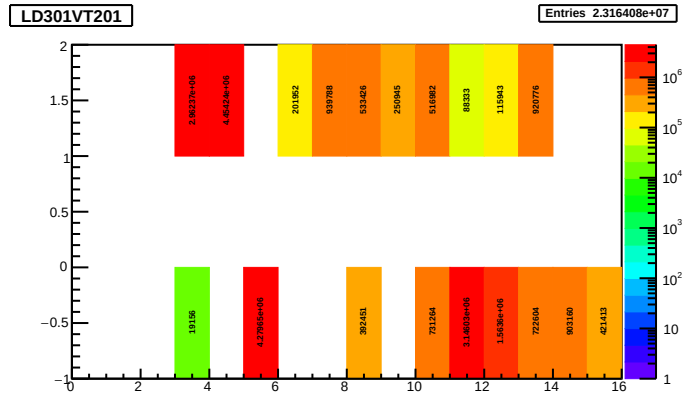

mFP201JP_FM104 large south
Entries 1.527488e+07
JP-T
JP-M
JP-B

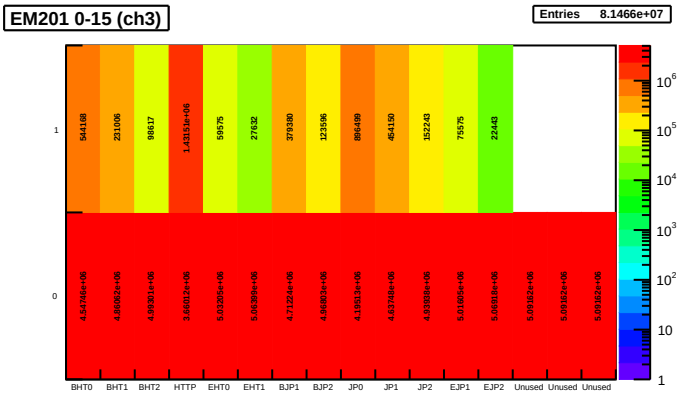

mFP201JPsim_FM104 large south
Entries 5269577
JP-T
JP-M
JP-B

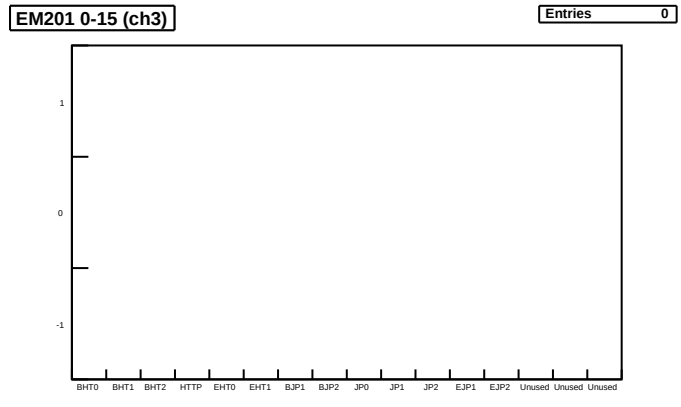

TF201 0-15 (ch0)
Entries 8.1466e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

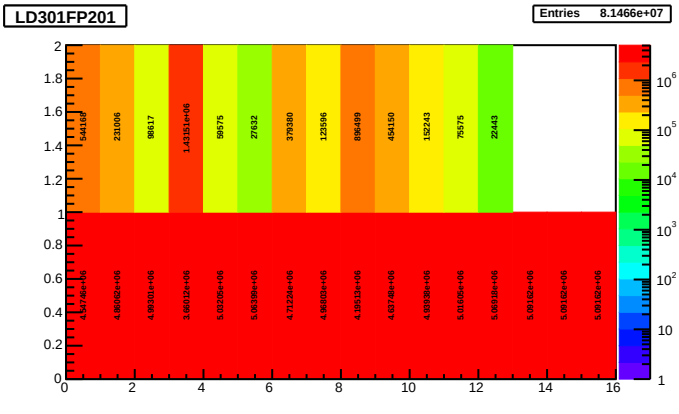

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

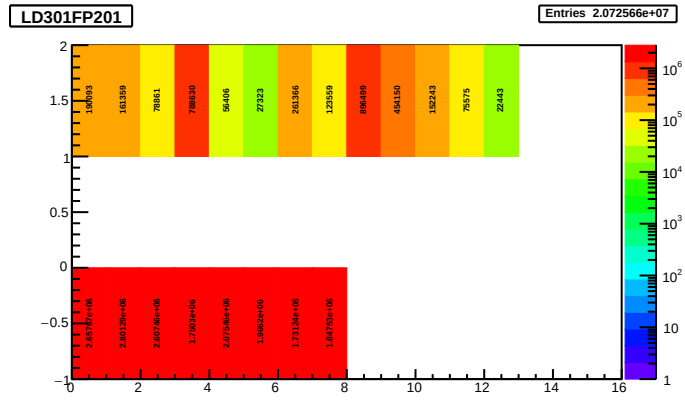

LD301VT201
Entries 8.1466e+07


LD301VT201
Entries 2.316408e+07


EM201 0-15 (ch3)
Entries 8.1466e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 8.1466e+07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