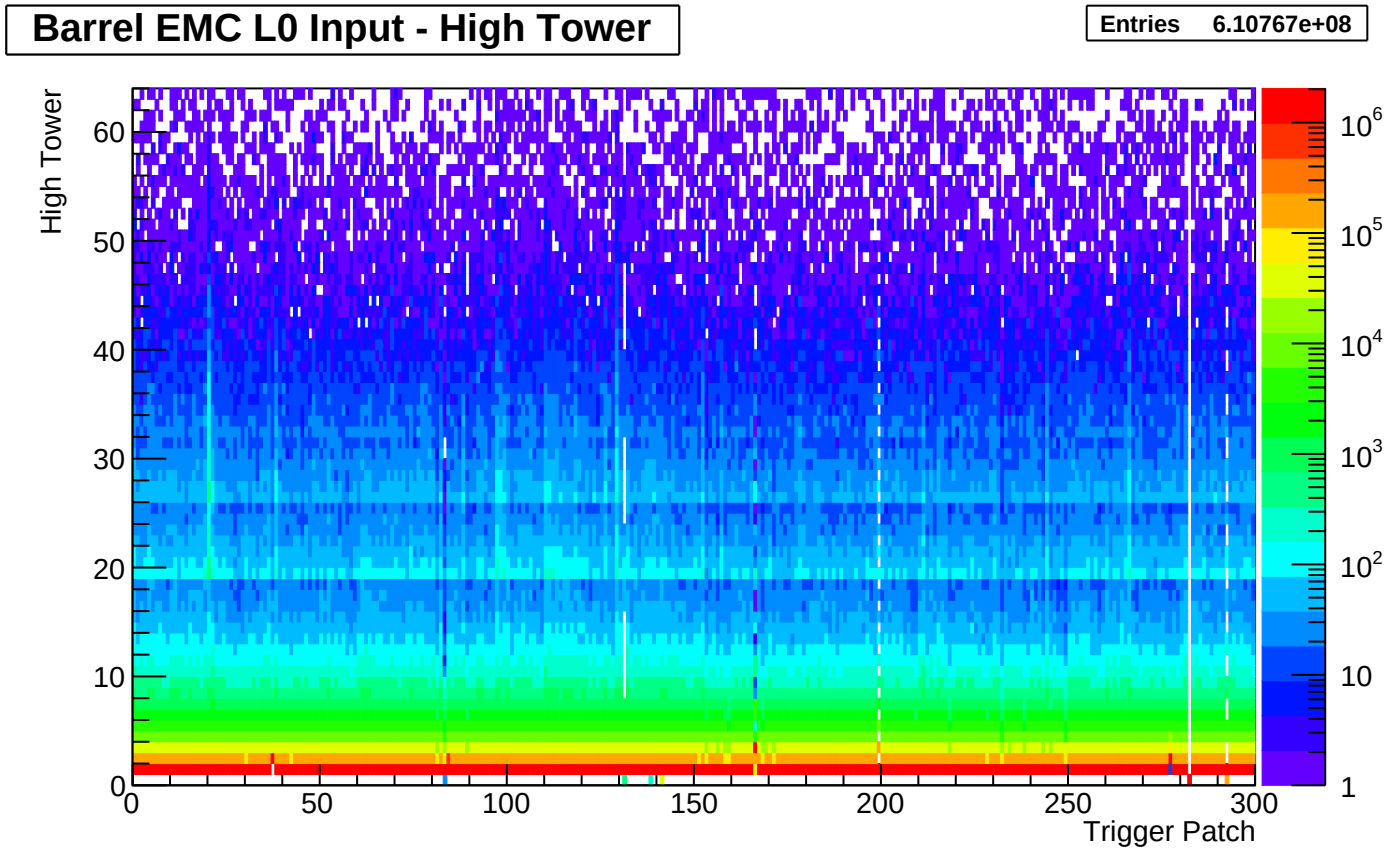
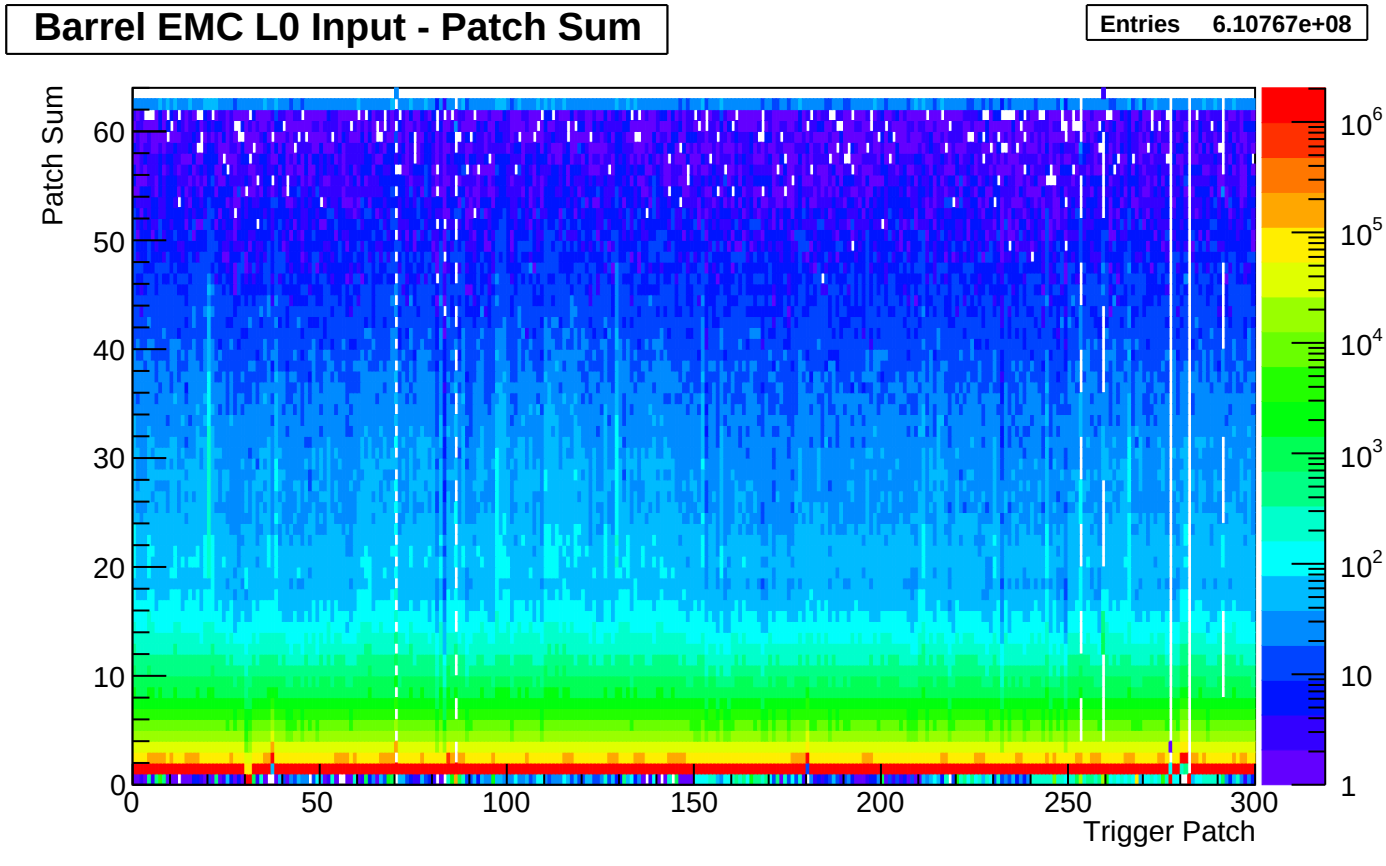
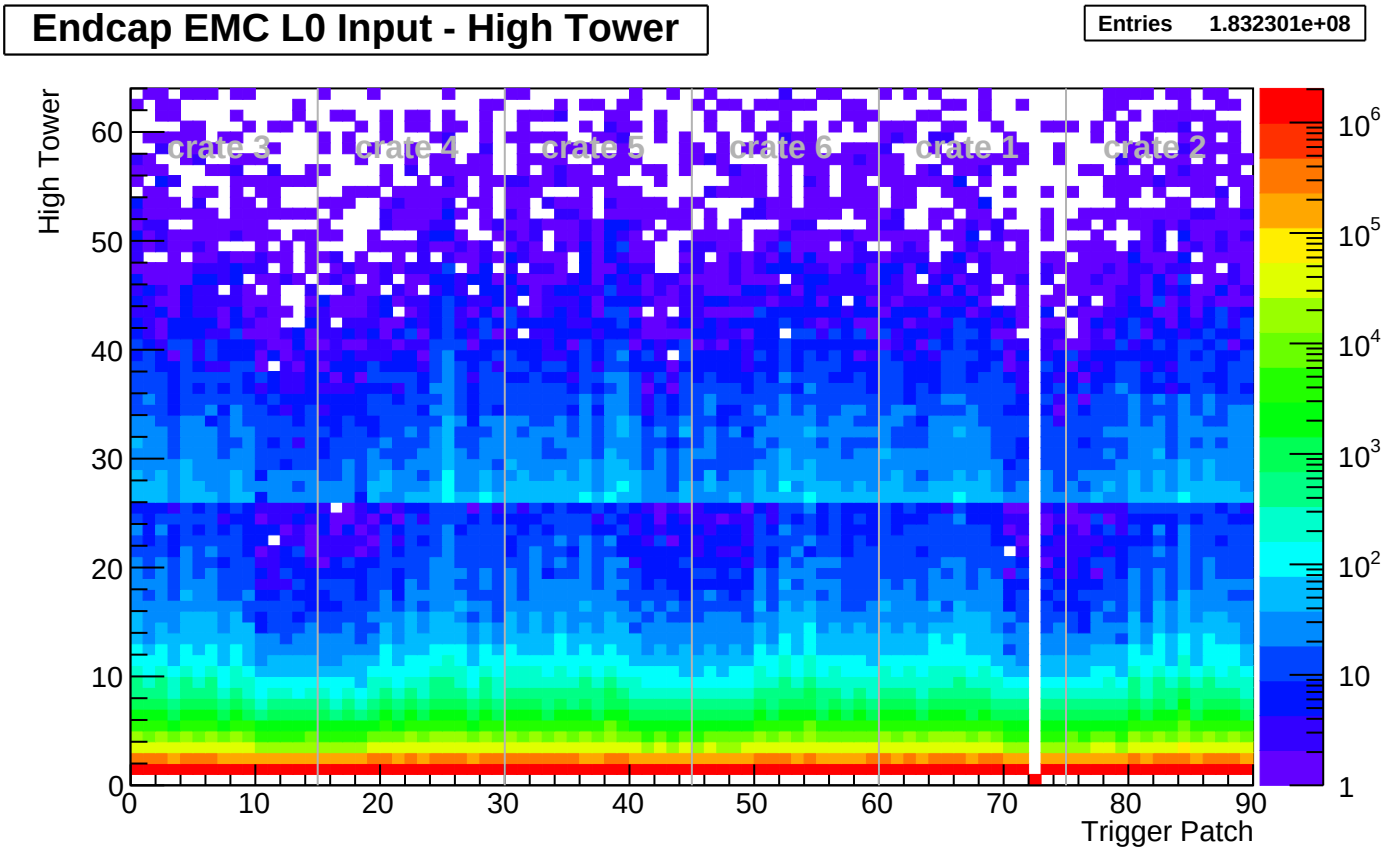
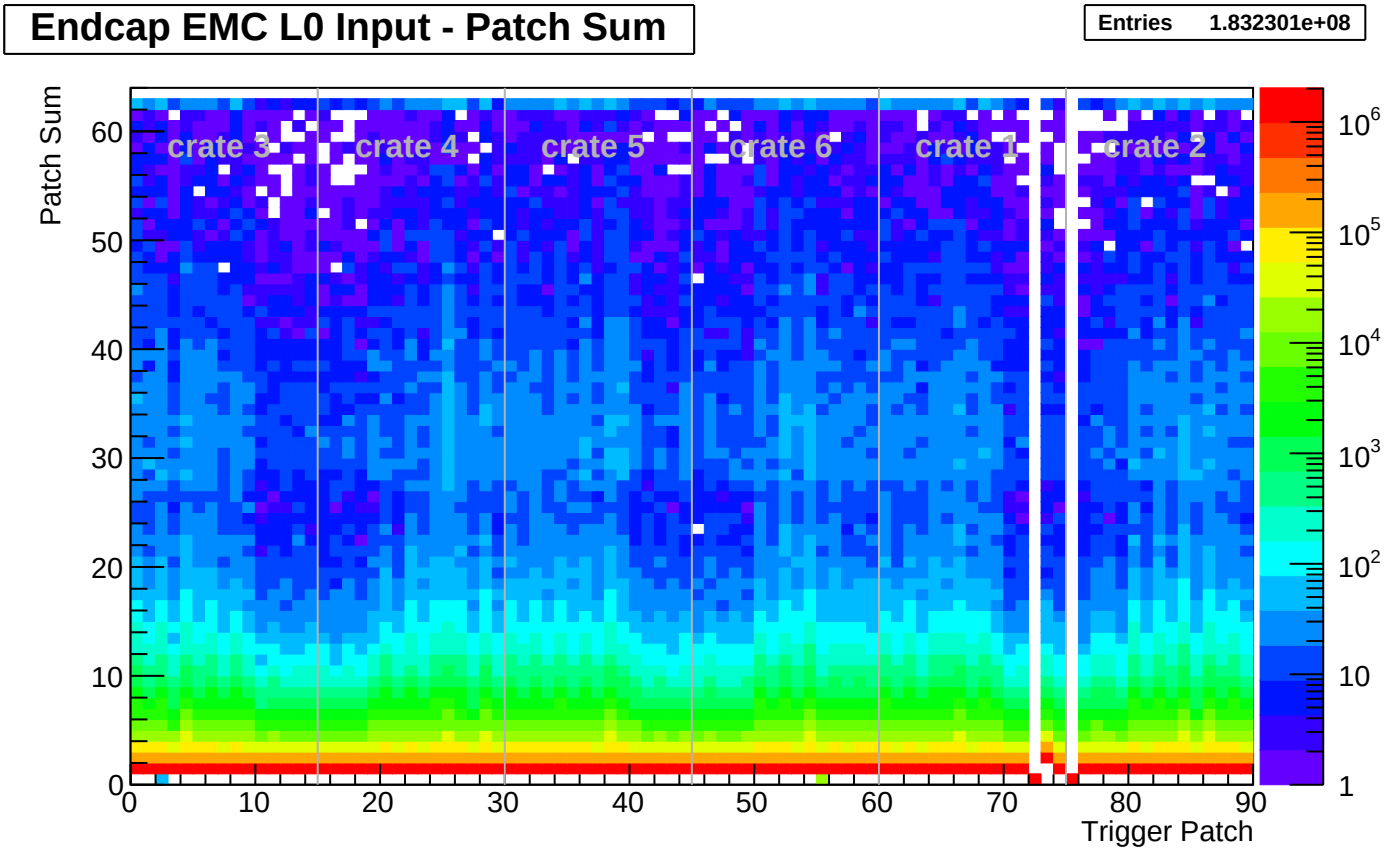
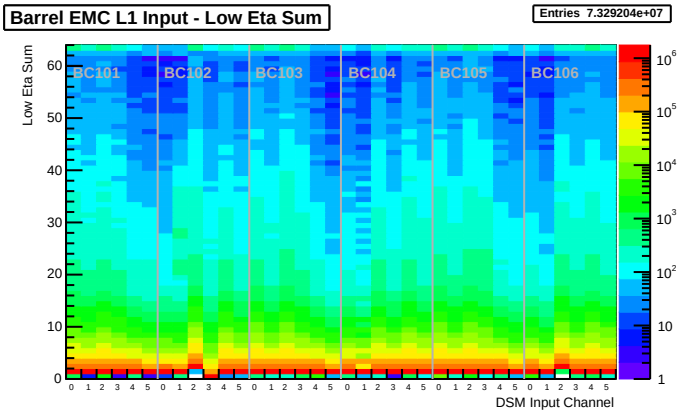
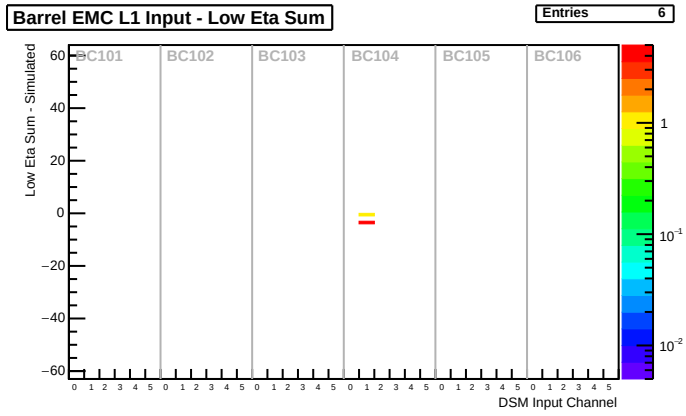

Barrel EMC L0 Input - High Tower
Entries 6.10767e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

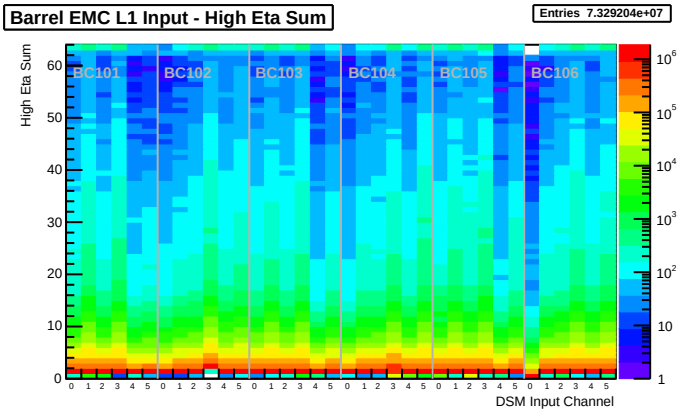

Barrel EMC L0 Input - Patch Sum
Entries 6.10767e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

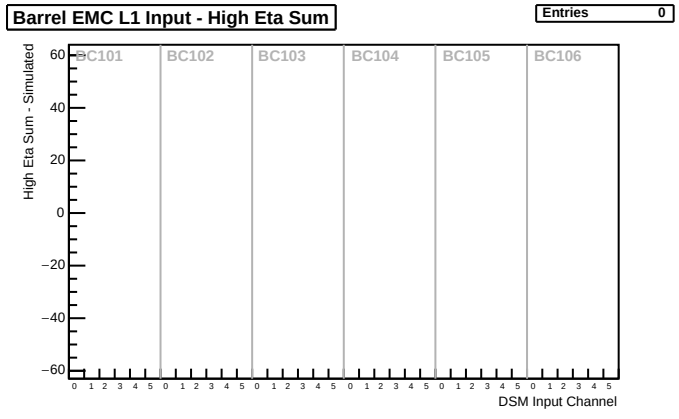

Endcap EMC L0 Input - High Tower
Entries 1.832301e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

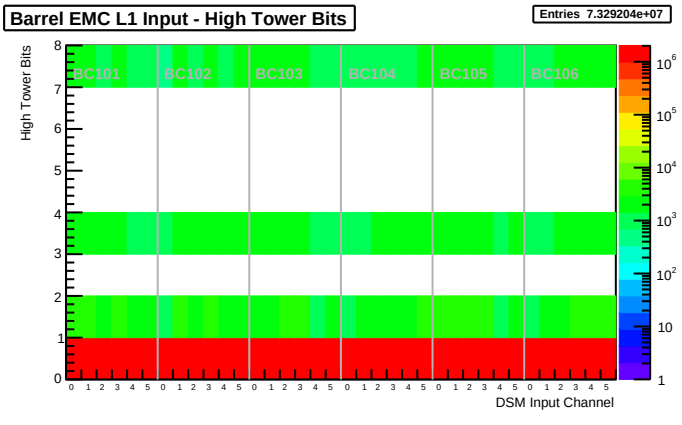

Endcap EMC L0 Input - Patch Sum
Entries 1.832301e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

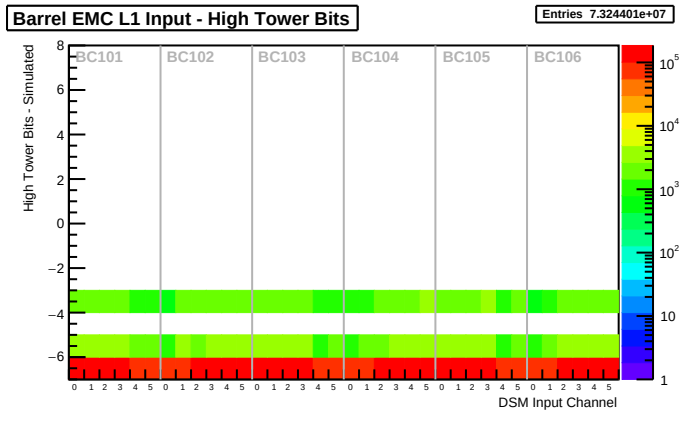

Barrel EMC L1 Input - Low Eta Sum
Entries 7.329204e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

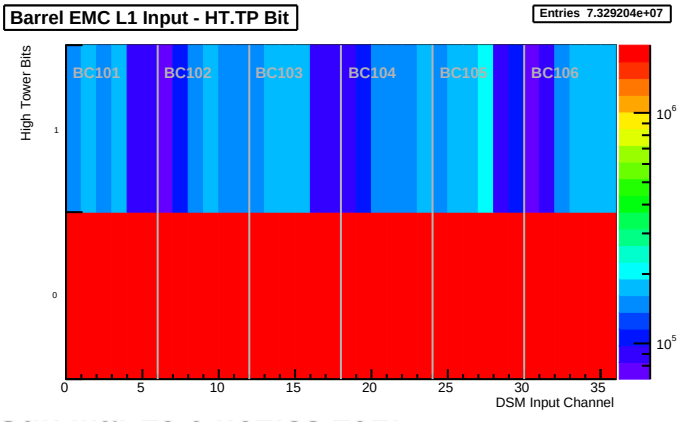

Barrel EMC L1 Input - Low Eta Sum
Entries 6
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

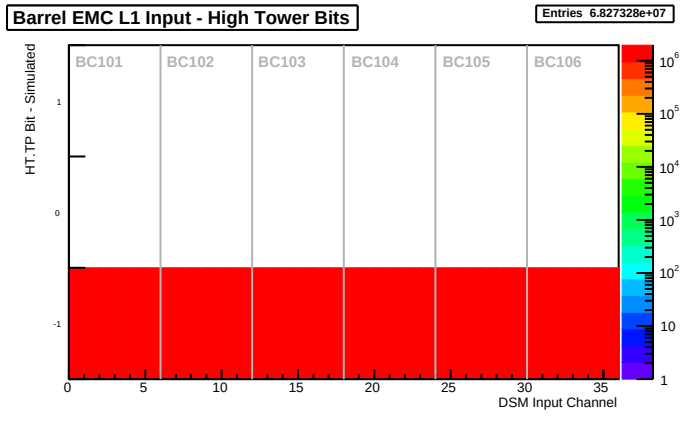

Barrel EMC L1 Input - High Eta Sum
Entries 7.329204e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

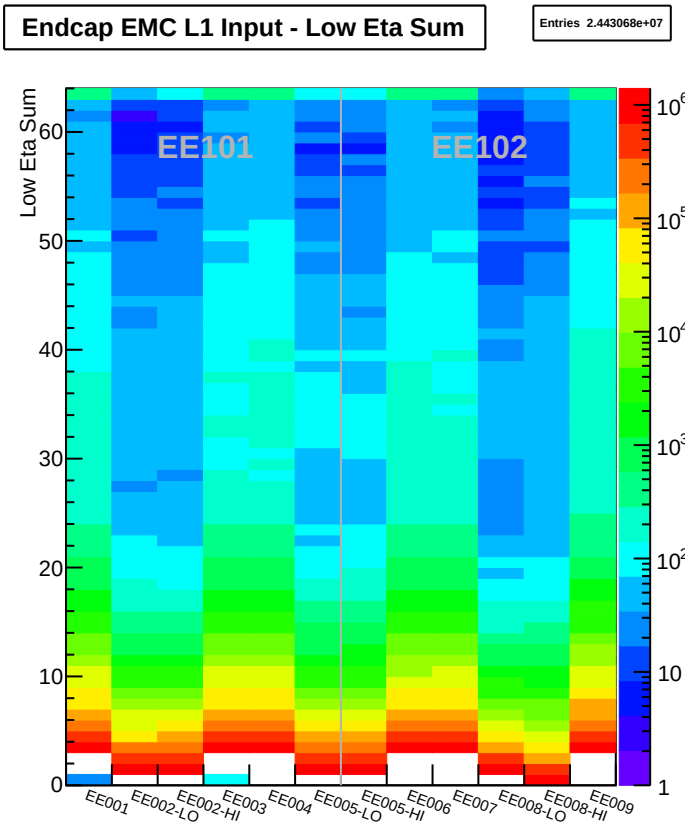

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

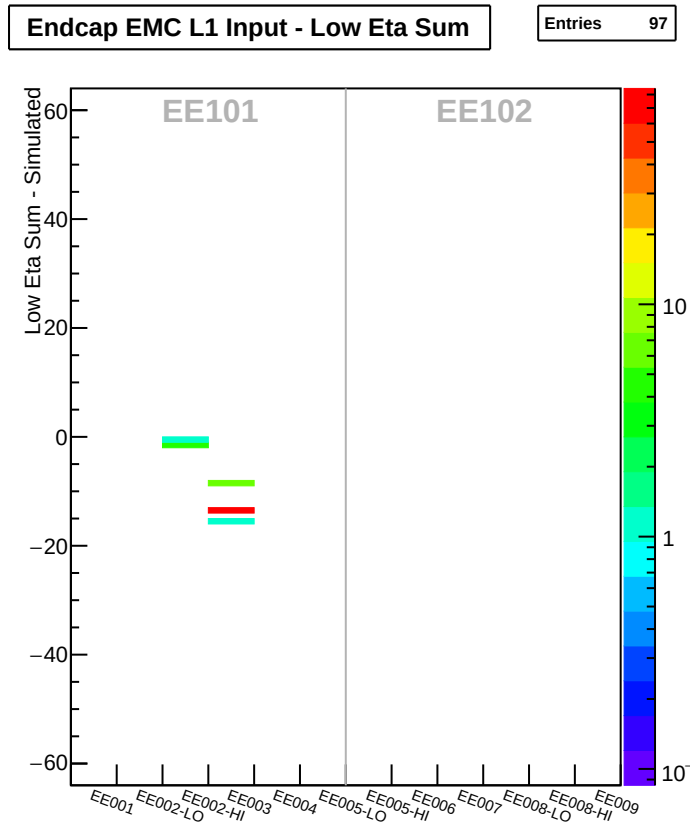

Barrel EMC L1 Input - High Tower Bits
Entries 7.329204e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

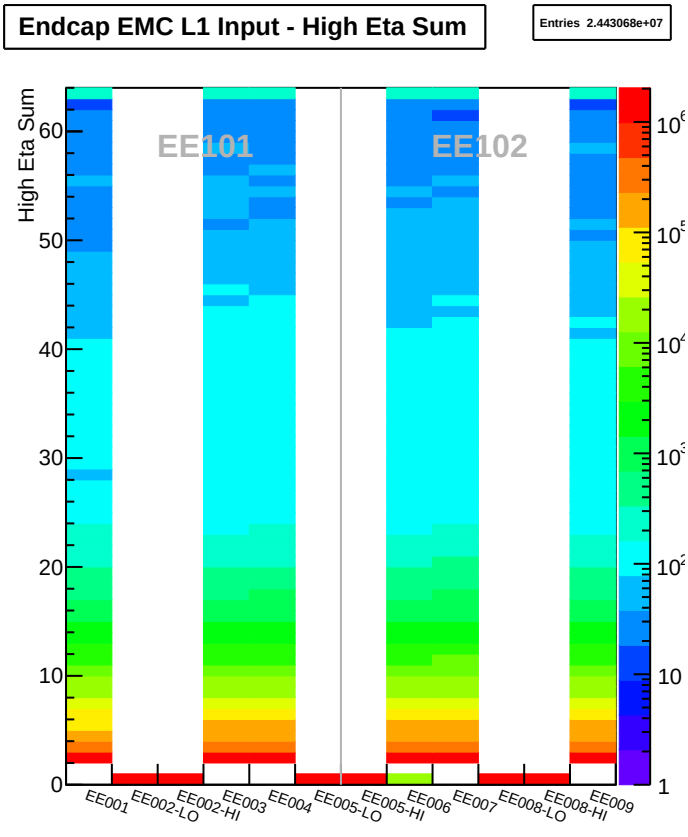

Barrel EMC L1 Input - High Tower Bits
Entries 7.324401e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

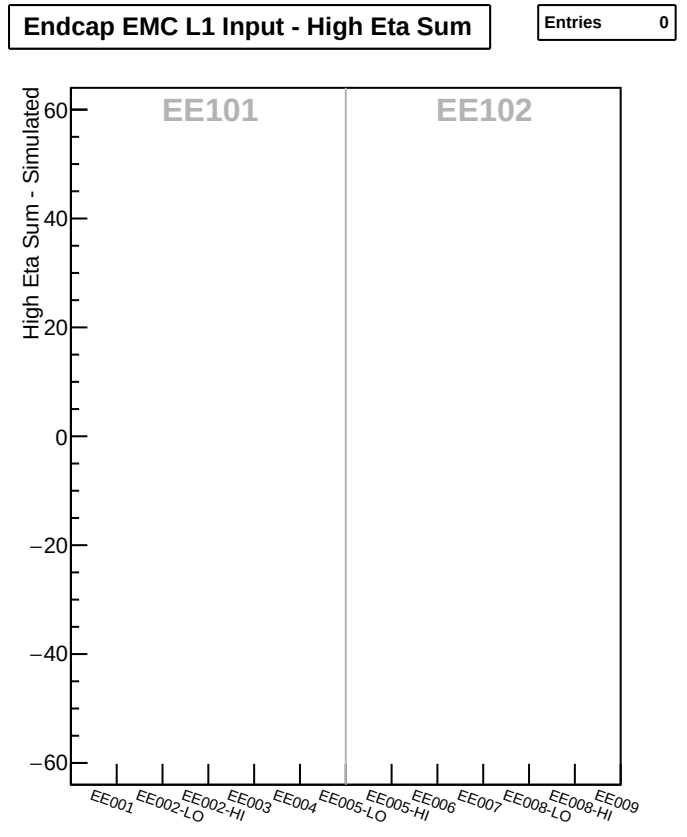

Barrel EMC L1 Input - HT.TP Bit
Entries 7.329204e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 6.827328e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 2.443068e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

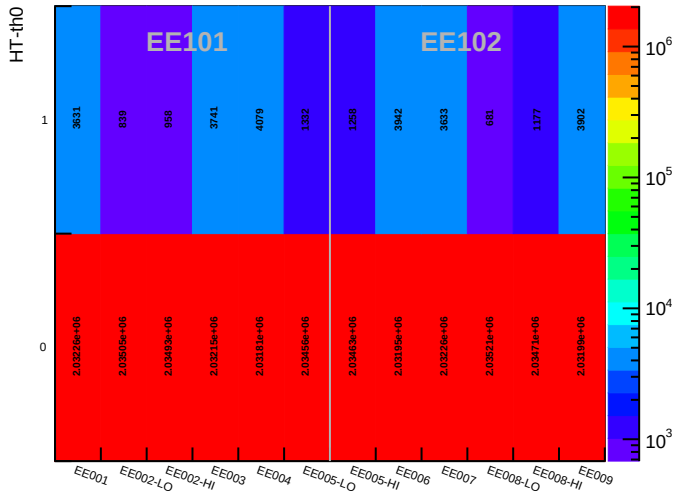

Endcap EMC L1 Input - Low Eta Sum
Entries 97
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 2.443068e+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

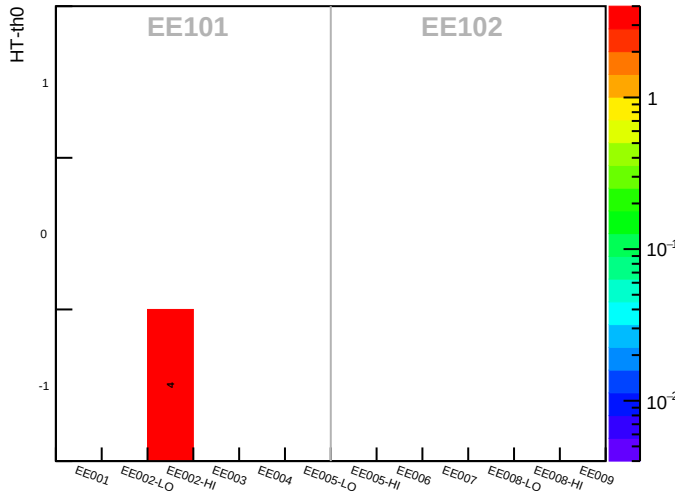
Endcap EMC L1 Input - HT-th0

Entries 2.443068e+07



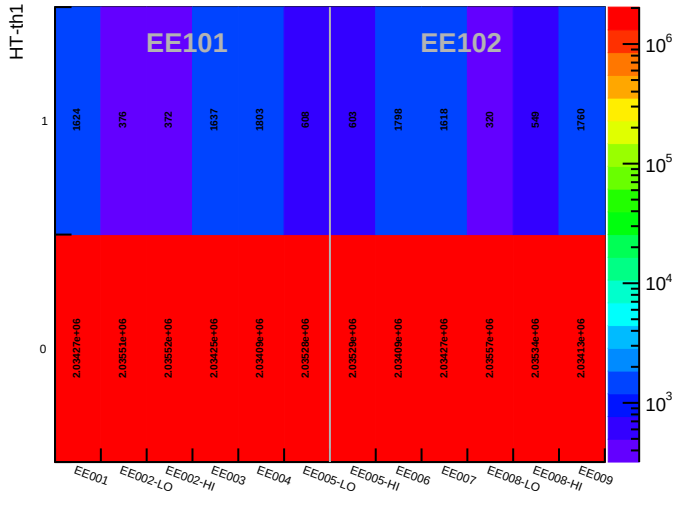
Endcap EMC L1 Input - HT-th0 Diff

Entries 4



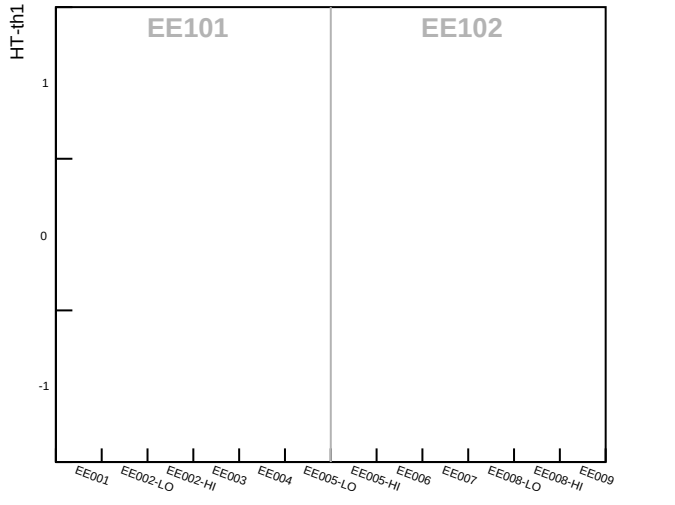
Endcap EMC L1 Input - HT-th1

Entries 2.443068e+07



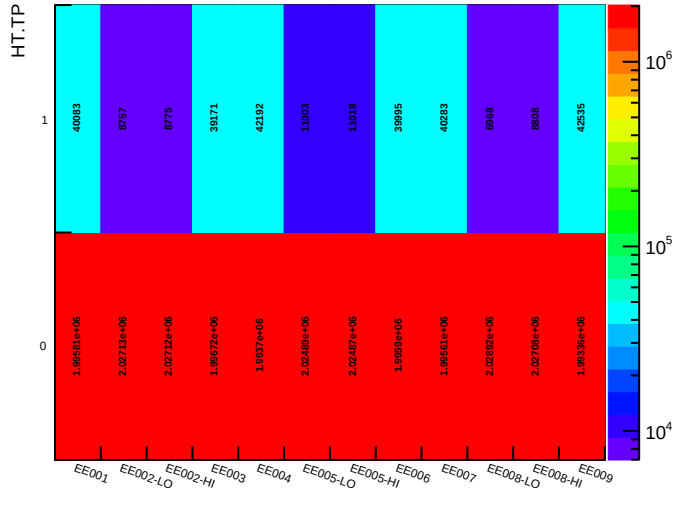
Endcap EMC L1 Input - HT-th1 Diff

Entries 0



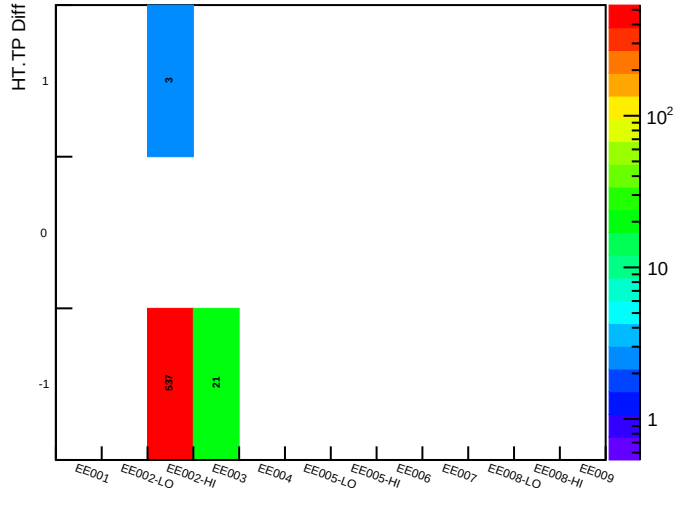
Endcap EMC L1 Input - HT.TP

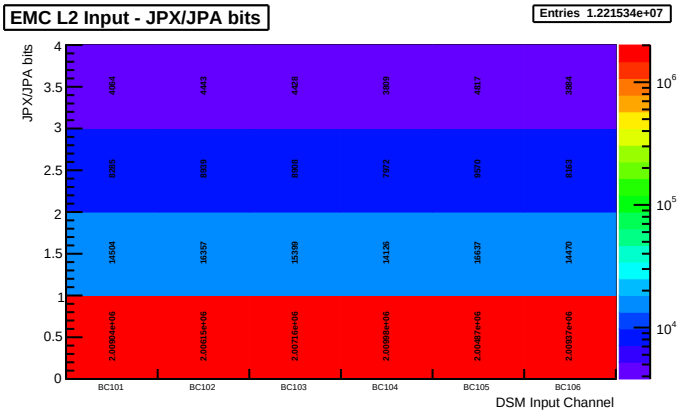
Entries 2.443068e+07

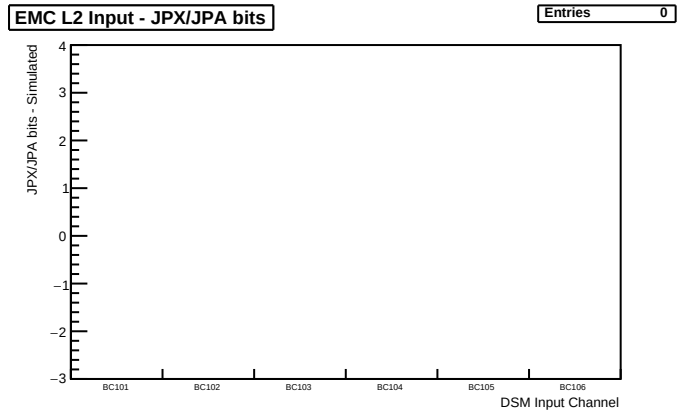


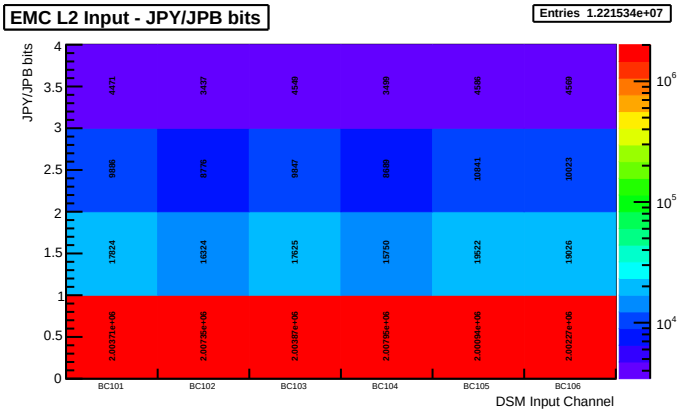
Endcap EMC L1 Input - HT.TP Diff

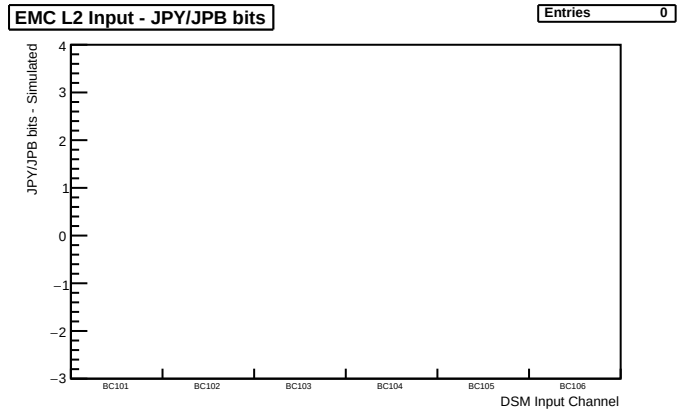
Entries 561

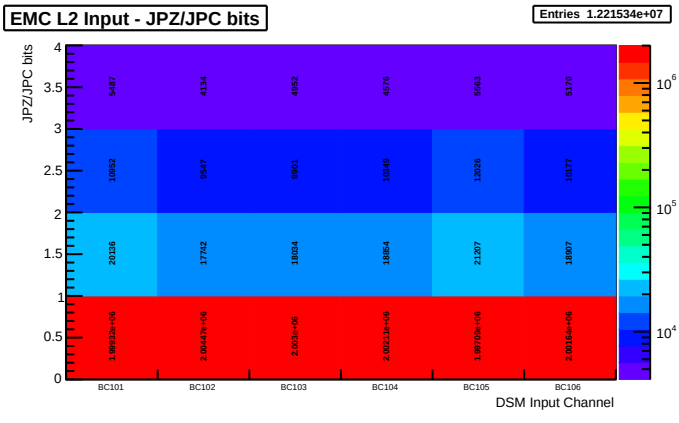


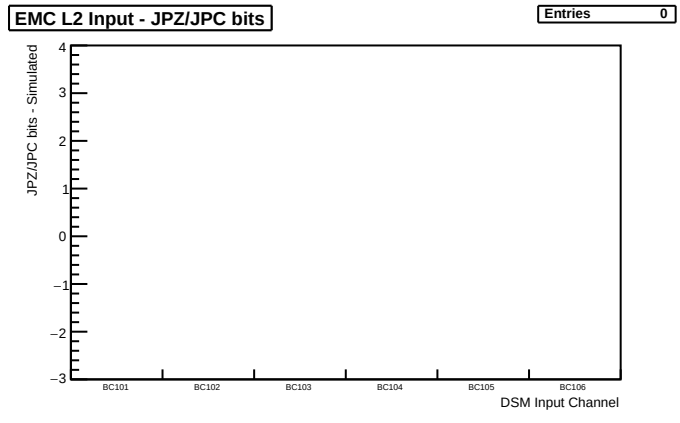

EMC L2 Input - JPX/JPA bits
Entries 1.221534e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

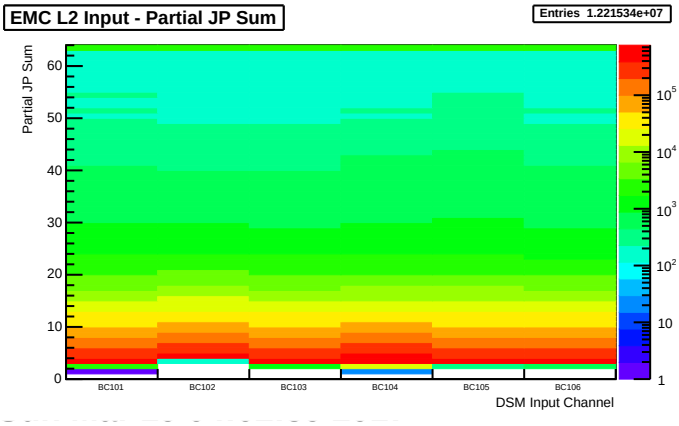

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

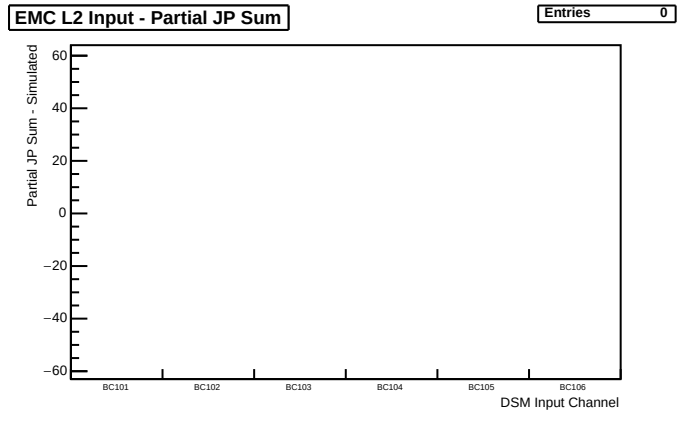

EMC L2 Input - JPY/JPB bits
Entries 1.221534e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

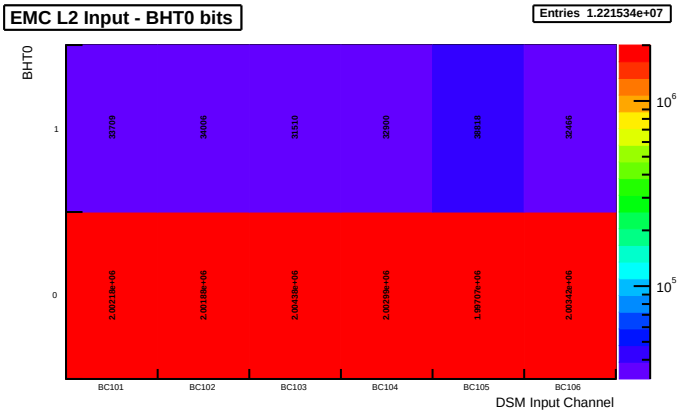

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

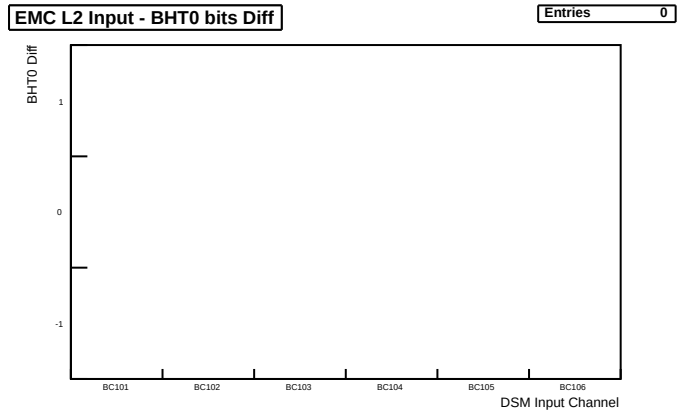

EMC L2 Input - JPZ/JPC bits
Entries 1.221534e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

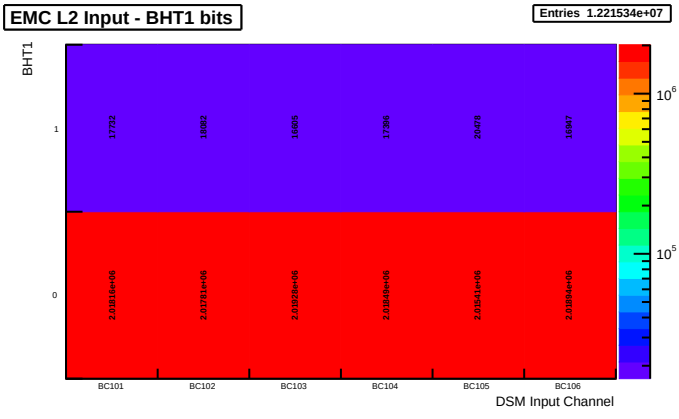

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

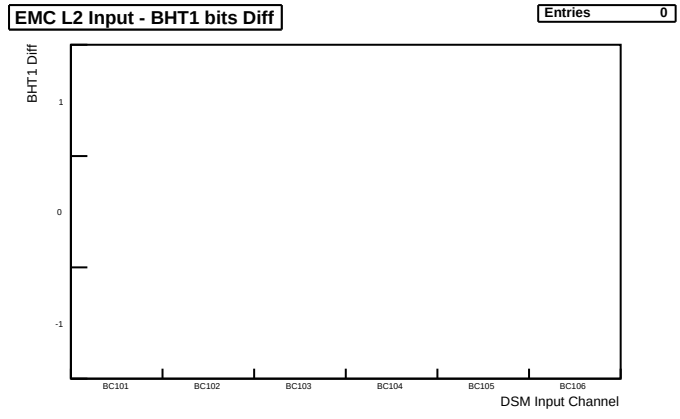

EMC L2 Input - Partial JP Sum
Entries 1.221534e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

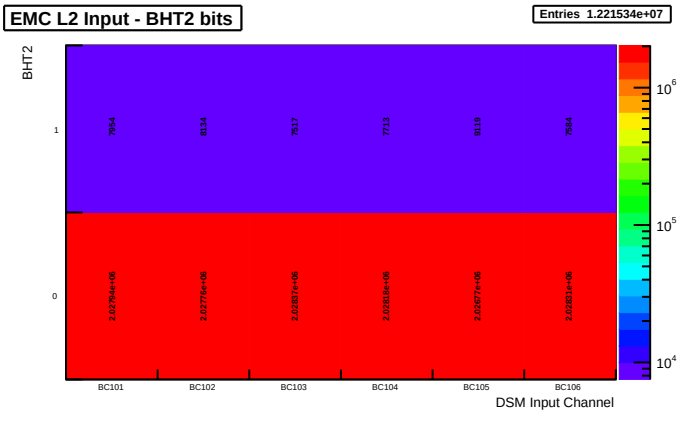

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

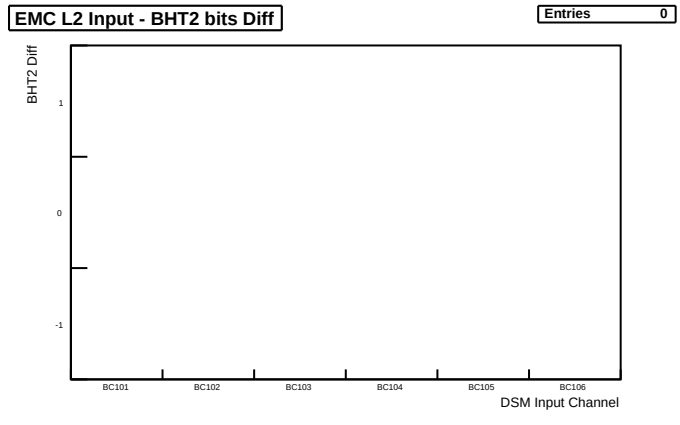

EMC L2 Input - BHT0 bits
Entries 1.221534e+07
BHT0
1
0
33709
34005
31510
22900
38818
32466
2.00219e+06
2.00189e+06
2.00439e+06
2.00239e+06
1.99707e+06
2.00342e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

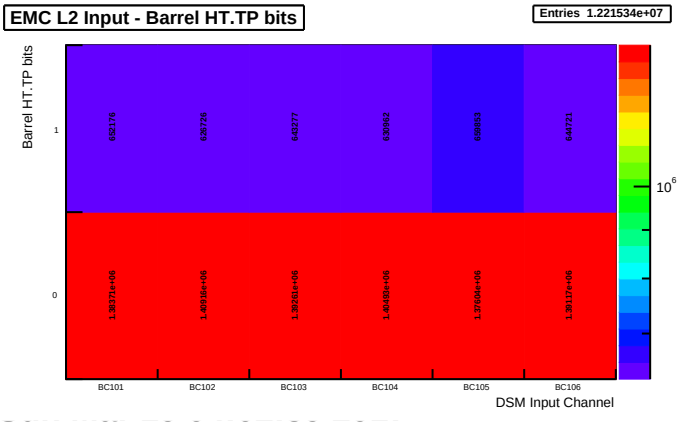

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

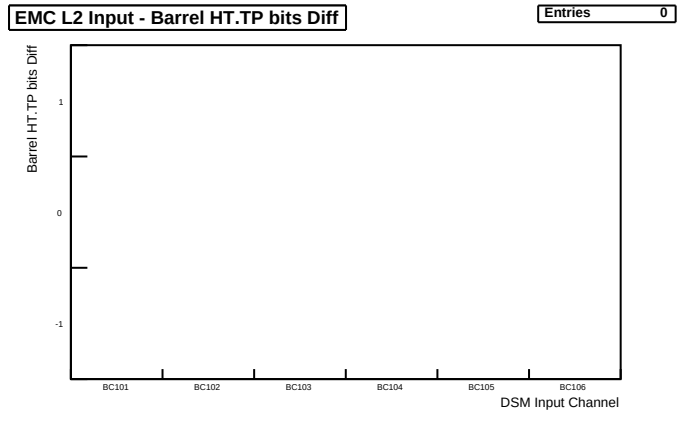

EMC L2 Input - BHT1 bits
Entries 1.221534e+07
BHT1
1
0
17732
18082
16605
17396
20478
16947
2.01316e+06
2.01731e+06
2.01928e+06
2.01949e+06
2.01541e+06
2.01904e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

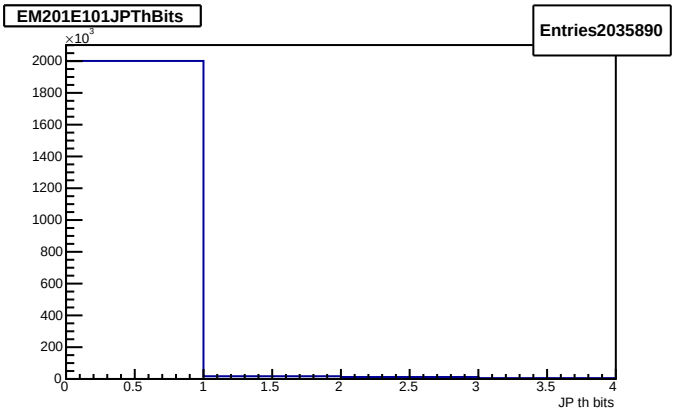

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

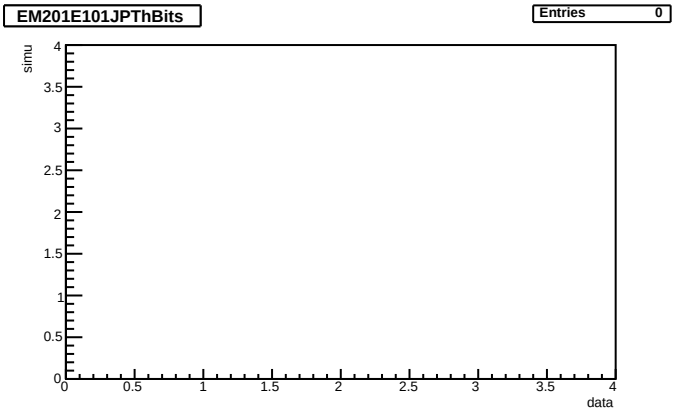

EMC L2 Input - BHT2 bits
Entries 1.221534e+07
BHT2
1
0
7654
8134
7517
7713
9119
7584
2.02794e+06
2.02776e+06
2.02857e+06
2.02318e+06
2.02657e+06
2.02831e+06
10^6
10^5
10^4
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

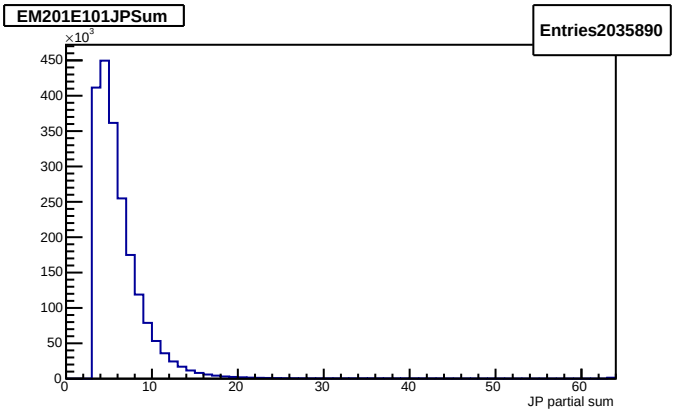

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

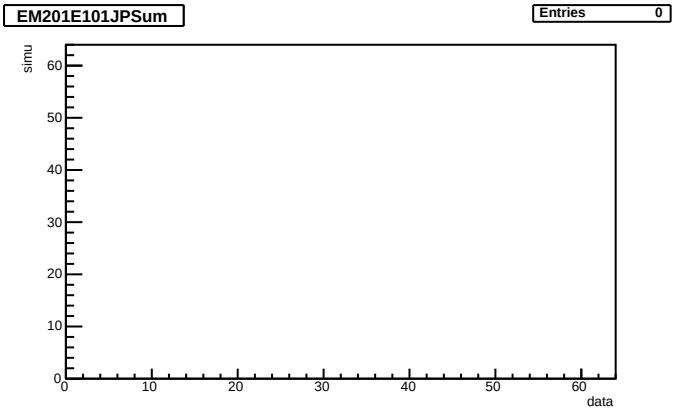

EMC L2 Input - Barrel HT.TP bits
Entries 1.221534e+07
Barrel HT.TP bits
1
0
632176
629726
643277
630962
639853
641721
1.38371e+06
1.40316e+06
1.39261e+06
1.40493e+06
1.37604e+06
1.39112e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

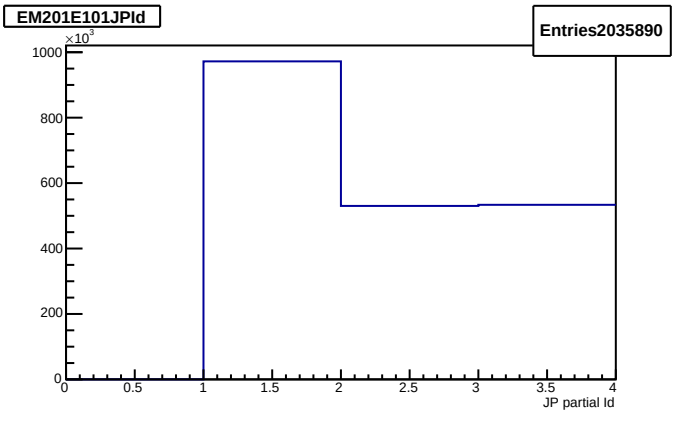

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

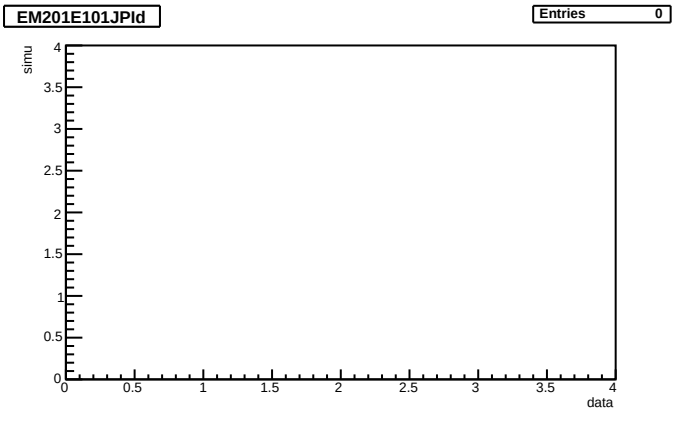

EM201E101JPThBits
Entries2035890
JP th bits


EM201E101JPThBits
Entries 0
simu
data


EM201E101JPSum
Entries2035890
JP partial sum


EM201E101JPSum
Entries 0
simu
data


EM201E101JPId
Entries2035890
JP partial Id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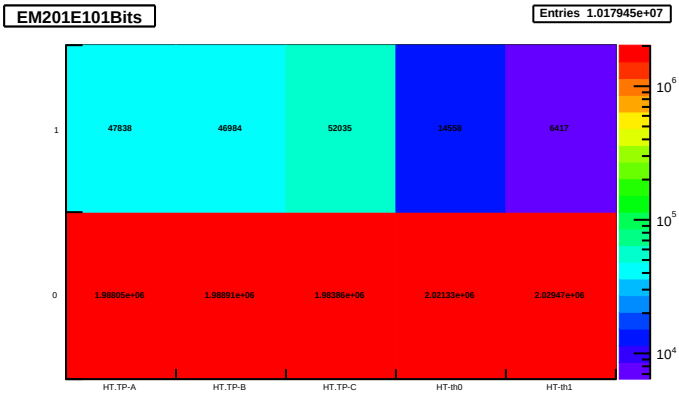
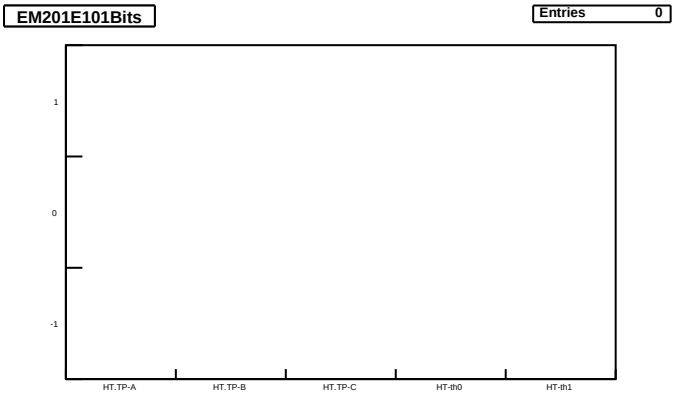
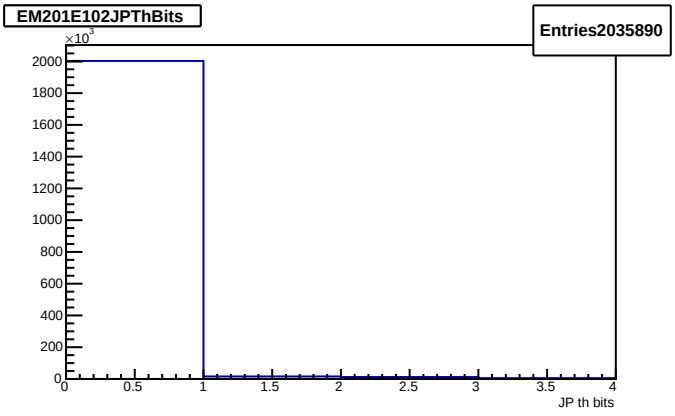
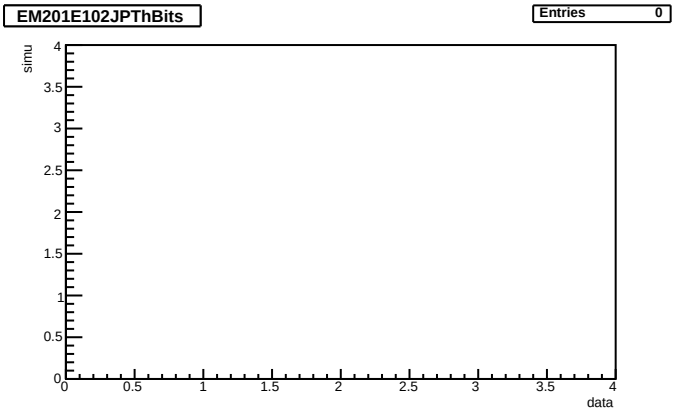
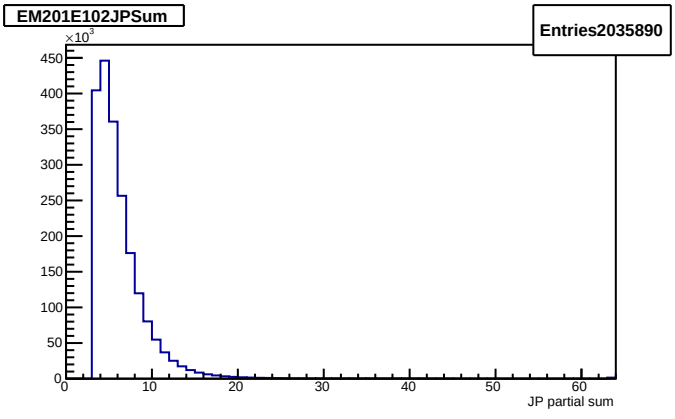
Entries 0
simu
data

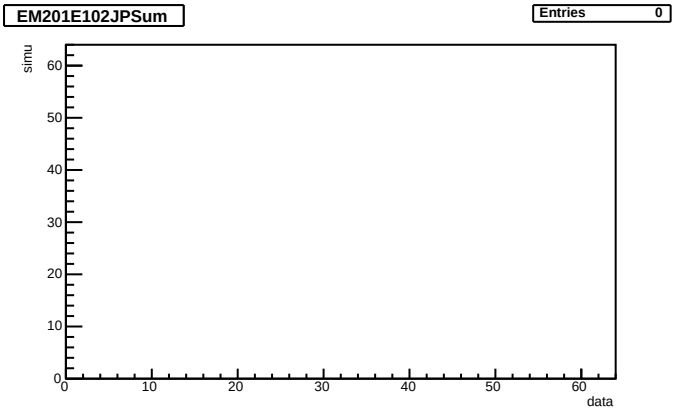

EM201E101Bits
Entries 1.017945e+07
47838
46984
52035
14558
6417
1.98805e+06
1.98891e+06
1.98386e+06
2.02133e+06
2.02947e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

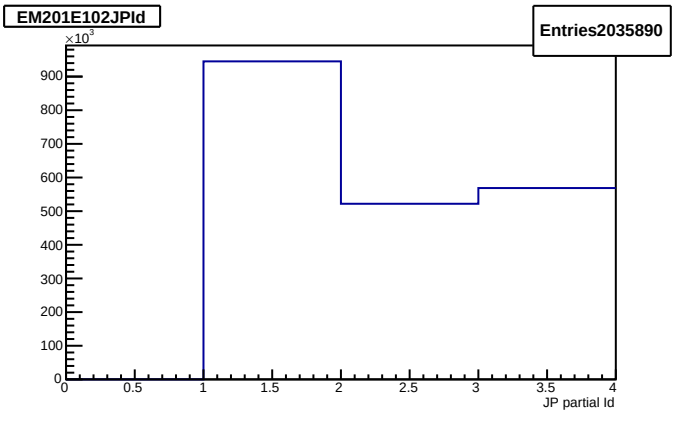

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

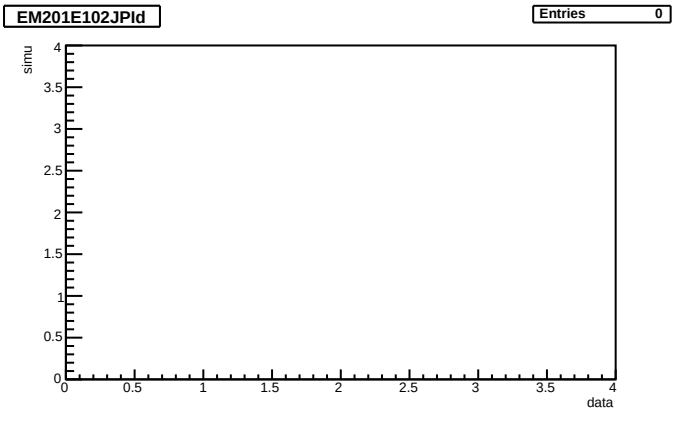

EM201E102JPThBits
Entries2035890
×10^3
JP th bits

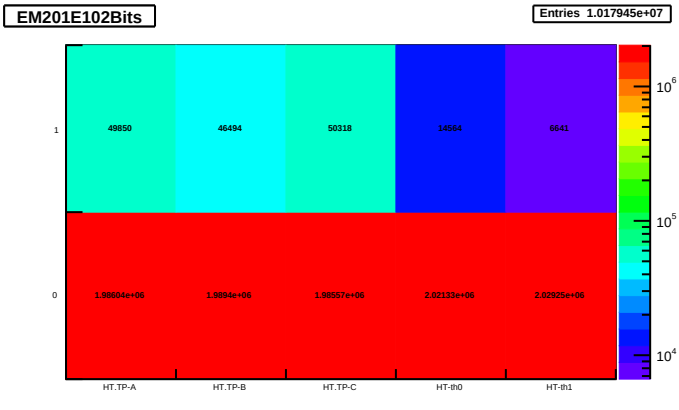

EM201E102JPThBits
Entries 0
simu
data

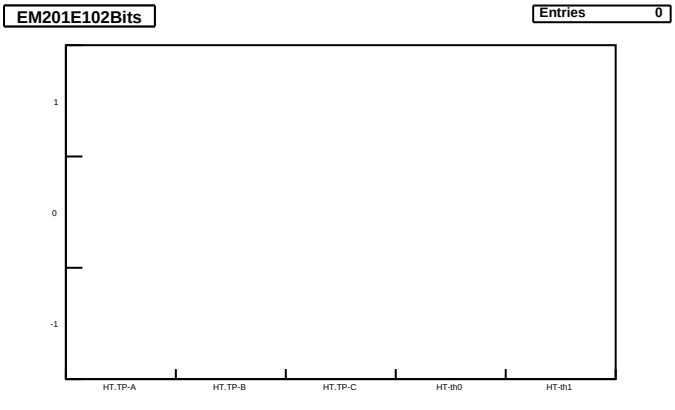

EM201E102JPSum
Entries2035890
×10^3
JP partial sum

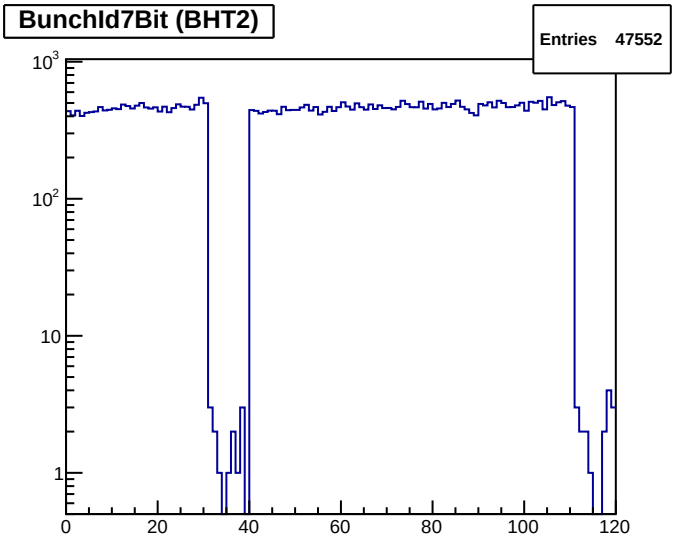

EM201E102JPSum
Entries 0
simu
data

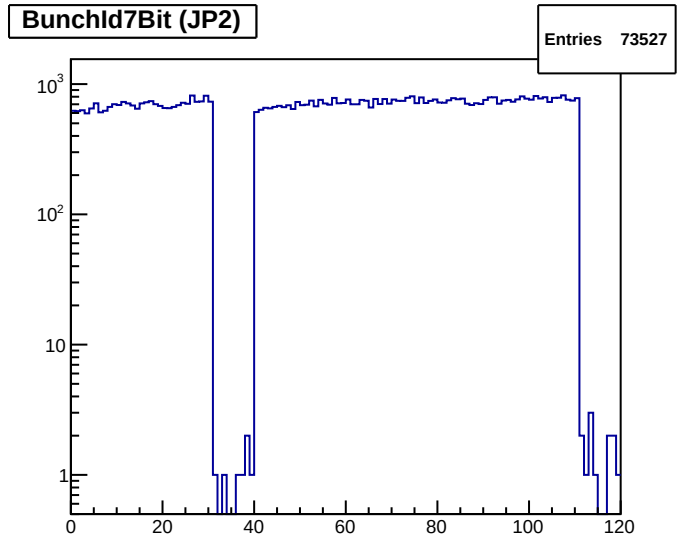

EM201E102JPId
Entries2035890
×10^3
JP partial Id

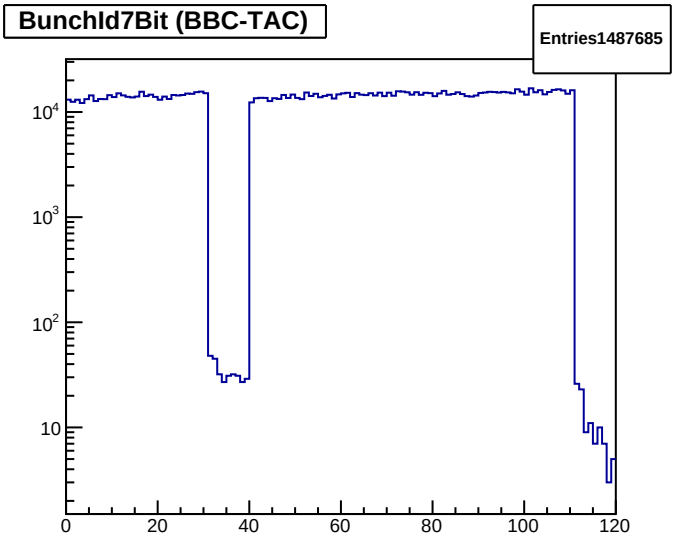

EM201E102JPId
Entries 0
simu
data

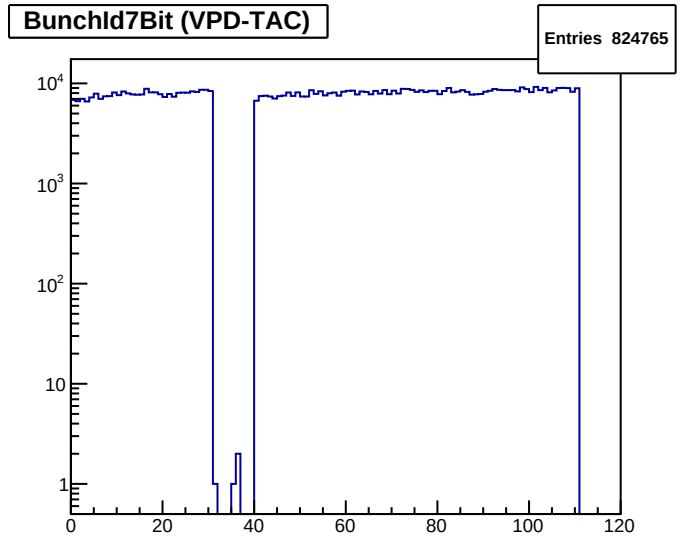

EM201E102Bits
Entries 1.017945e+07
49850
46494
50318
14584
6041
1.98604e+06
1.9894e+06
1.98557e+06
2.02133e+06
2.02925e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

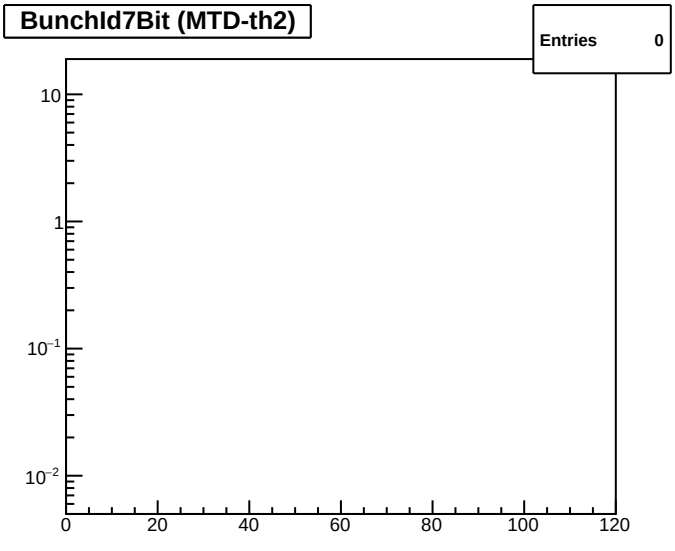

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

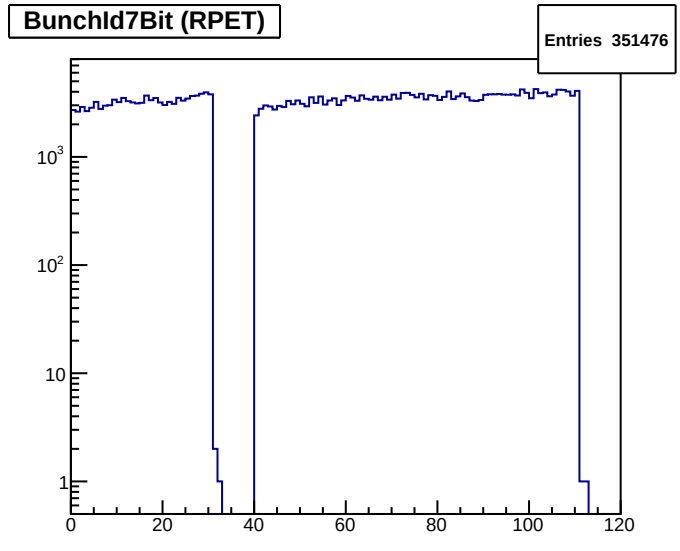

BunchId7Bit (BHT2)
Entries 47552

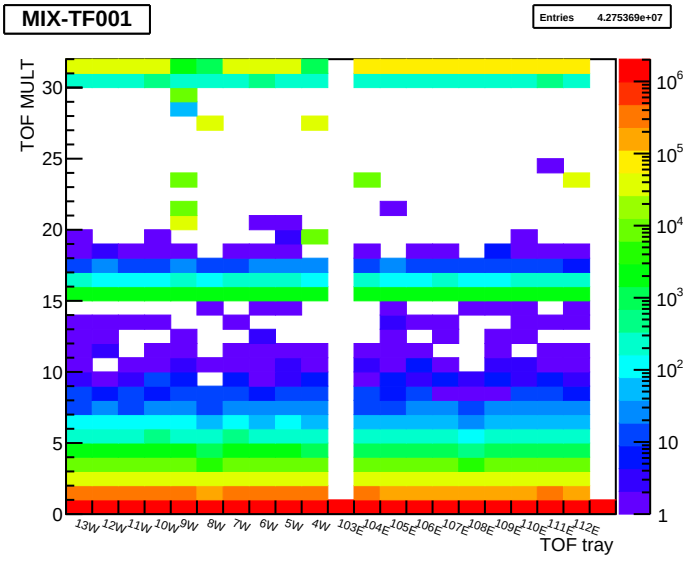

BunchId7Bit (JP2)
Entries 73527

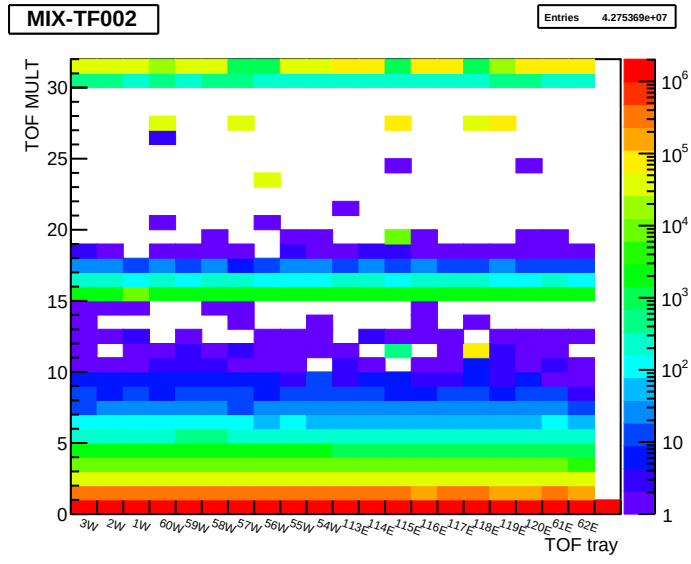

BunchId7Bit (BBC-TAC)
Entries1487685

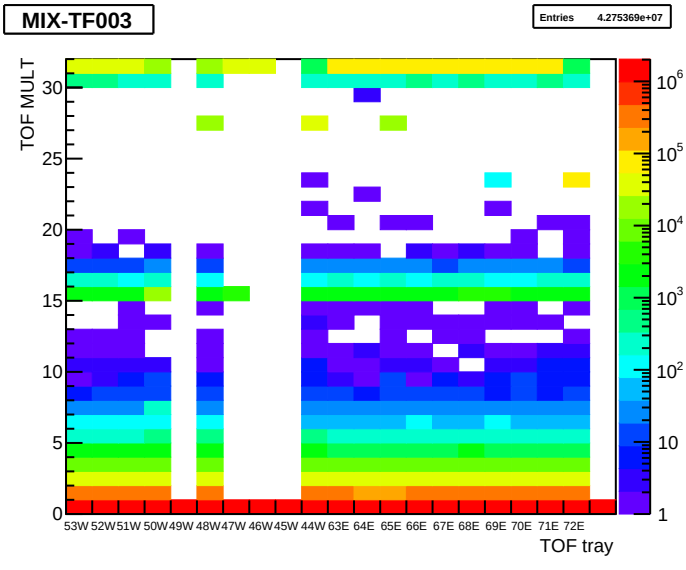

BunchId7Bit (VPD-TAC)
Entries 824765

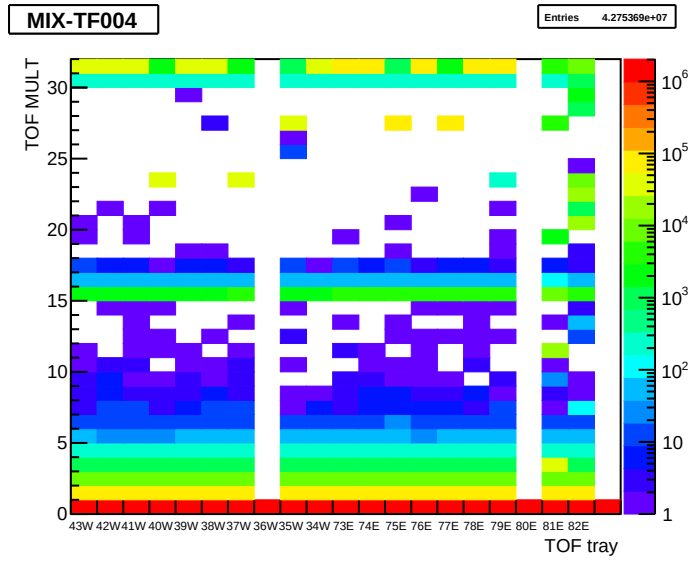

BunchId7Bit (MTD-th2)
Entries 0

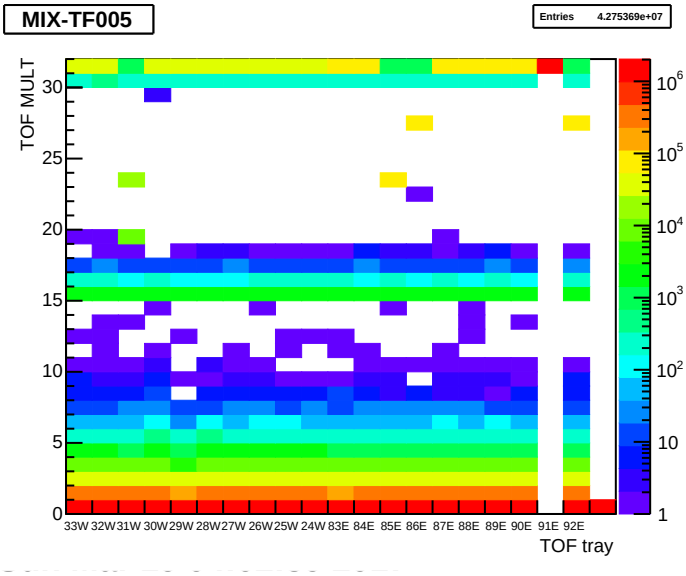

BunchId7Bit (RPET)
Entries 351476

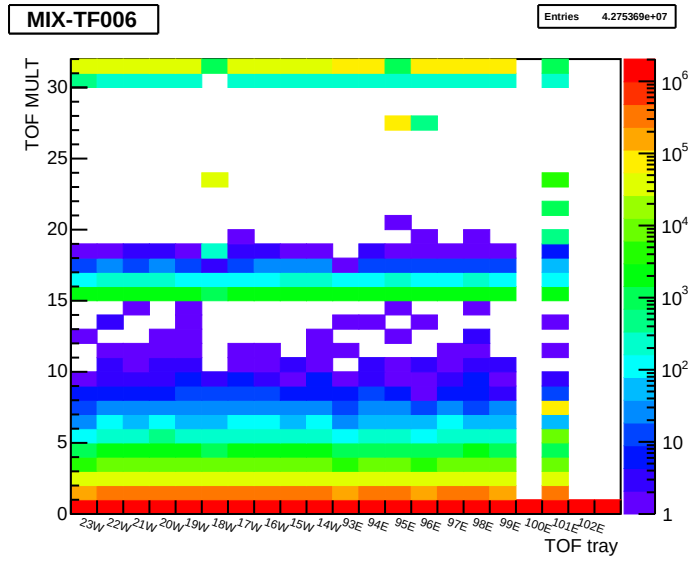

MIX-TF001
Entries 4.275369e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

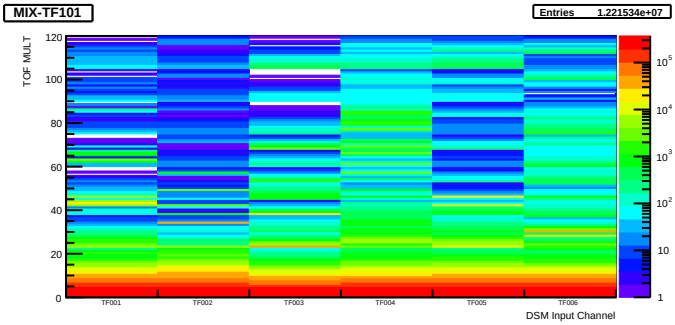

MIX-TF002
Entries 4.275369e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

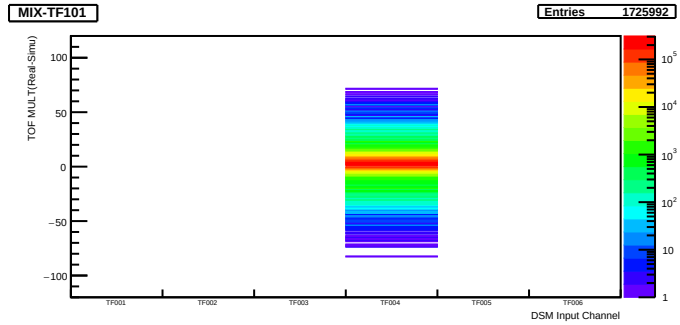

MIX-TF003
Entries 4.275369e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

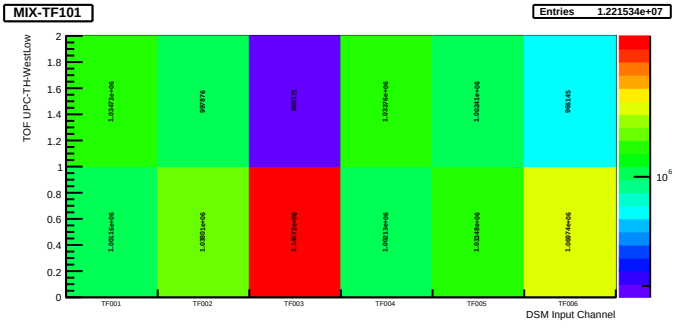

MIX-TF004
Entries 4.275369e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

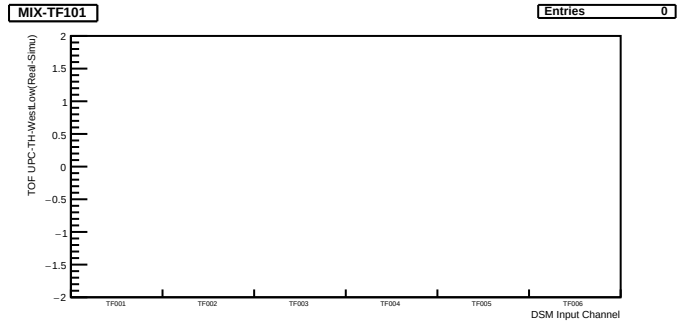

MIX-TF005
Entries 4.275369e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

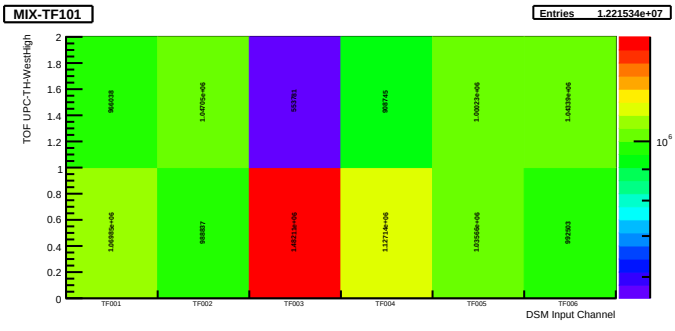

MIX-TF006
Entries 4.275369e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

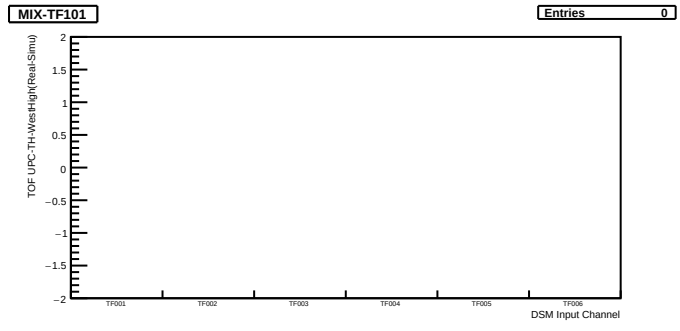

MIX-TF101
Entries 1.221534e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

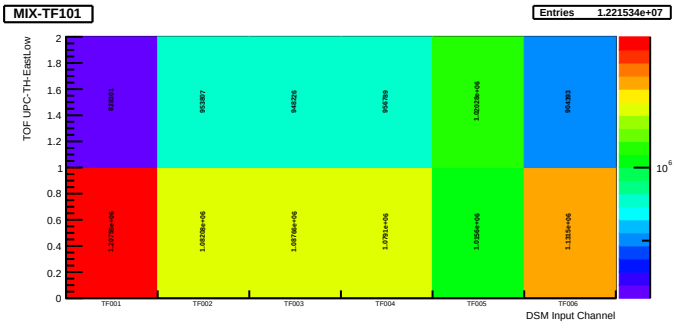

MIX-TF101
Entries 1725992
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

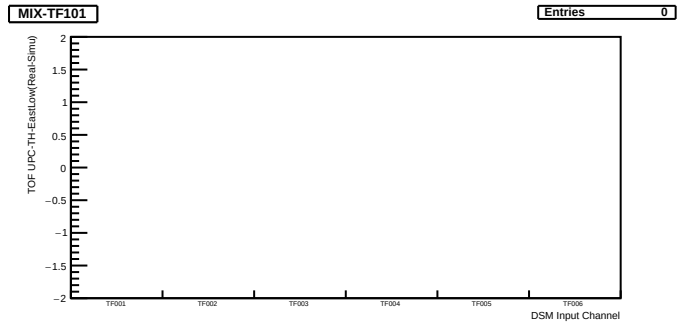

MIX-TF101
Entries 1.221534e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

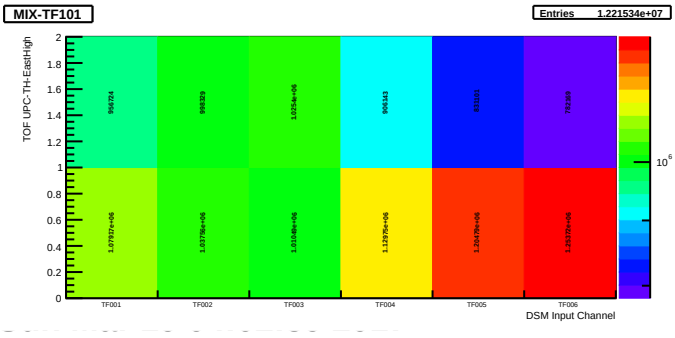

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

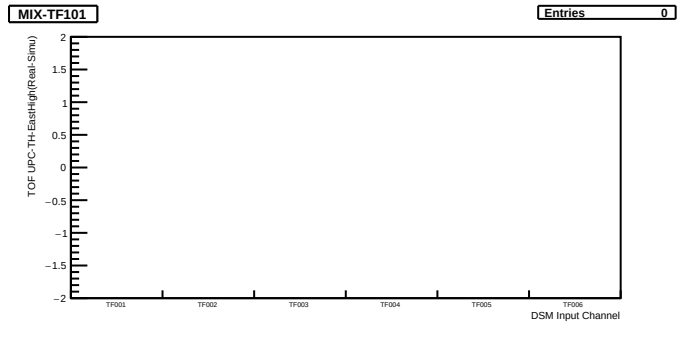

MIX-TF101
Entries 1.221534e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

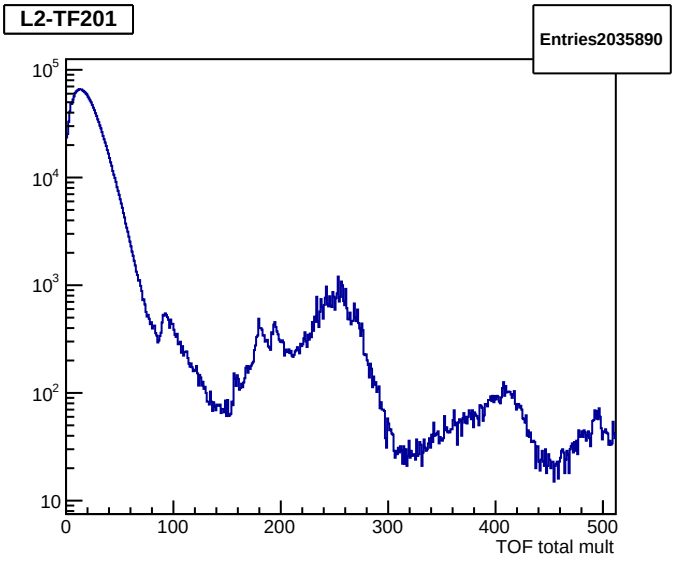

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

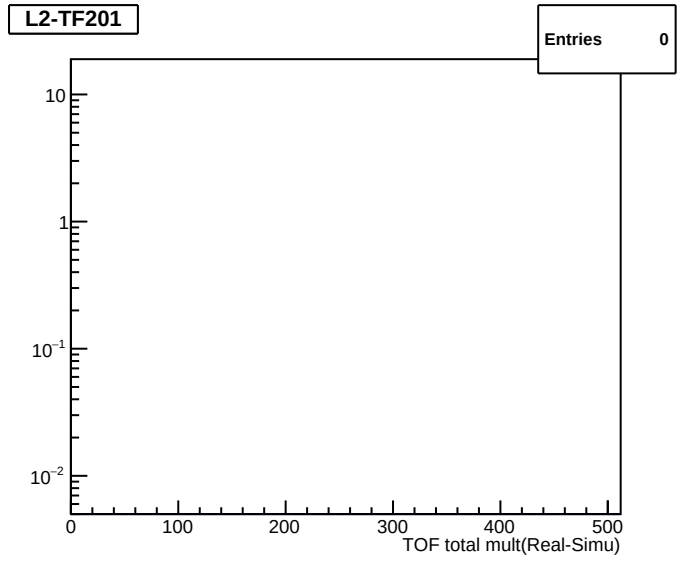

MIX-TF101
Entries 1.221534e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

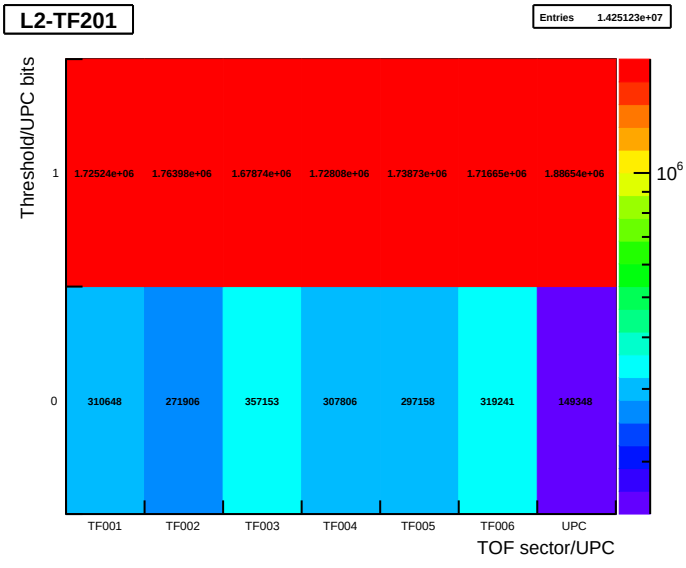

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

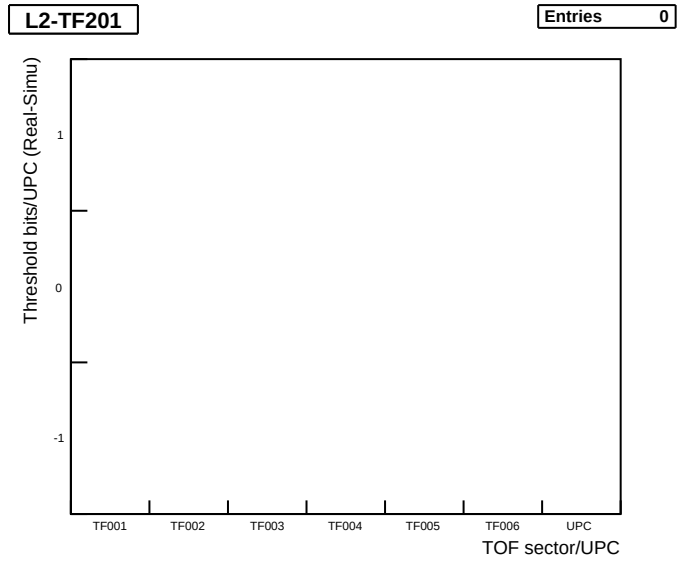

MIX-TF101
Entries 1.221534e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

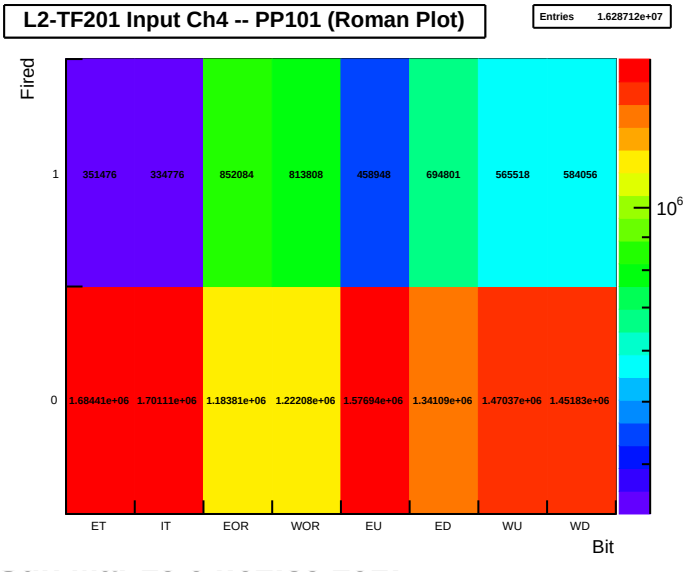

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

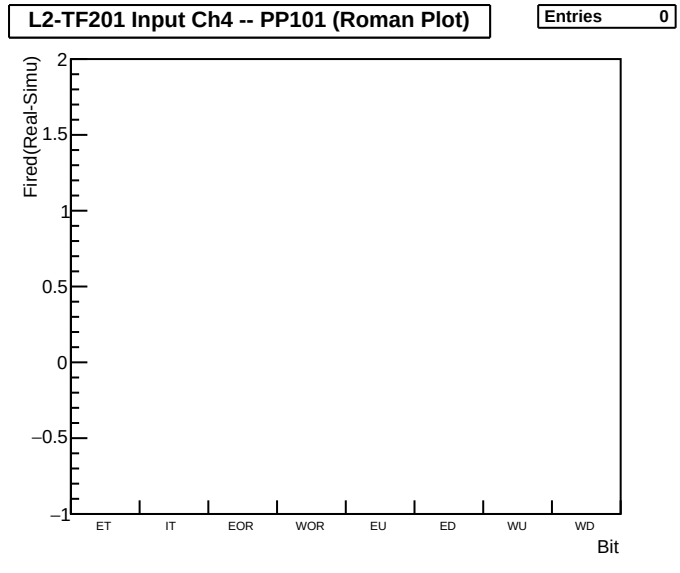

L2-TF201
Entries2035890
TOF total mult

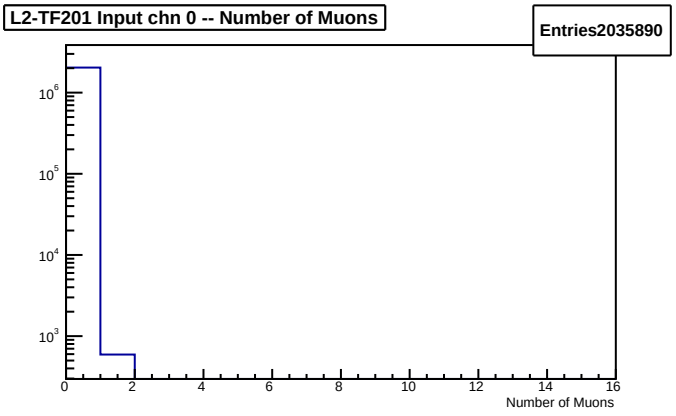

L2-TF201
Entries 0
TOF total mult(Real-Simu)

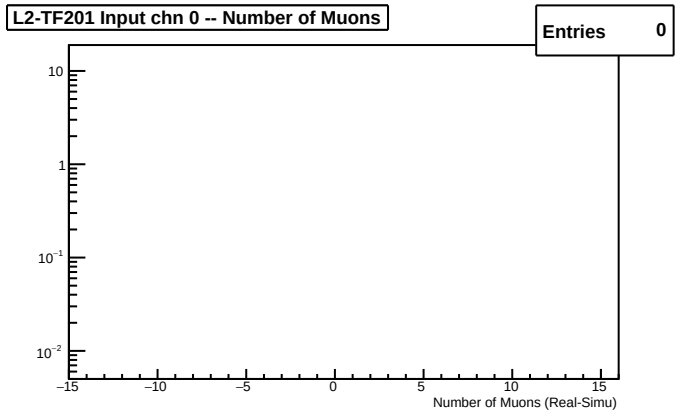

L2-TF201
Entries 1.425123e+07
Threshold/UPC bits
1.72524e+06
1.76398e+06
1.67874e+06
1.72808e+06
1.73873e+06
1.71665e+06
1.88654e+06
310648
271906
357153
307806
297158
319241
149348
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

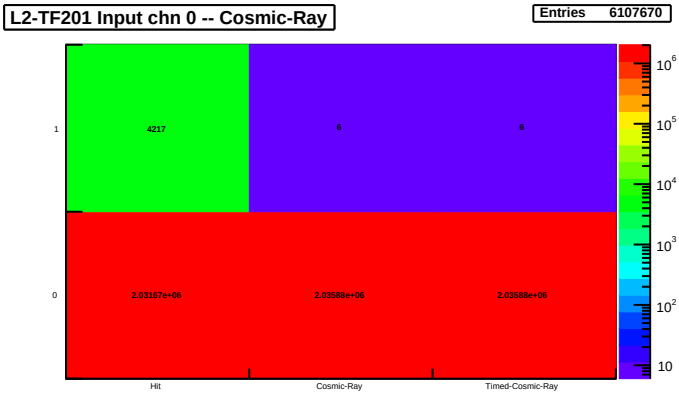

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

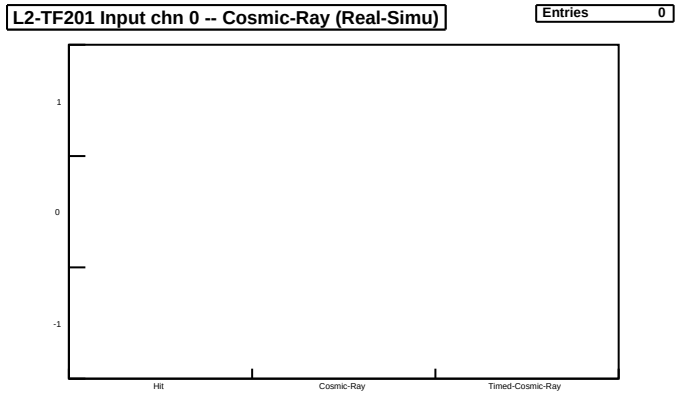

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.628712e+07
Fired
351476
334776
852084
813808
458948
694801
565518
584056
1.68441e+06
1.70111e+06
1.18381e+06
1.22208e+06
1.57694e+06
1.34109e+06
1.47037e+06
1.45183e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

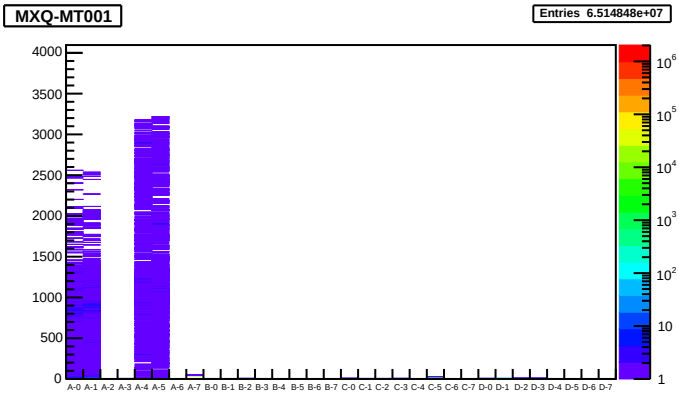

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

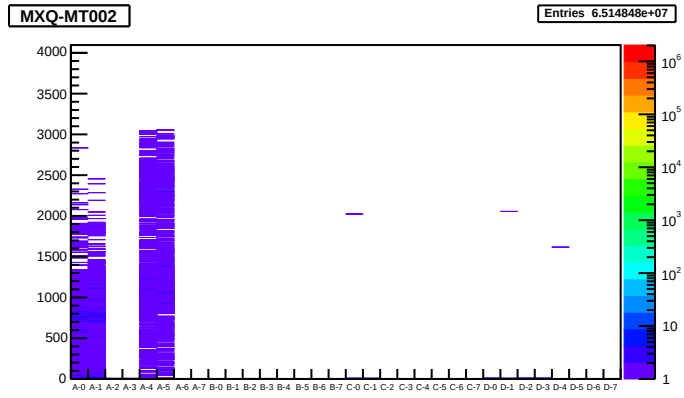

L2-TF201 Input chn 0 -- Number of Muons
Entries2035890
Number of Muons

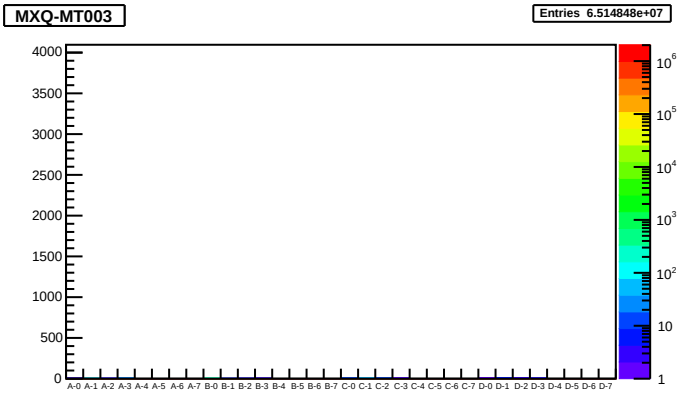

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6107670
4217
6
6
2.03167e+06
2.03588e+06
2.03588e+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 6.514848e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 6.514848e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 6.514848e+07
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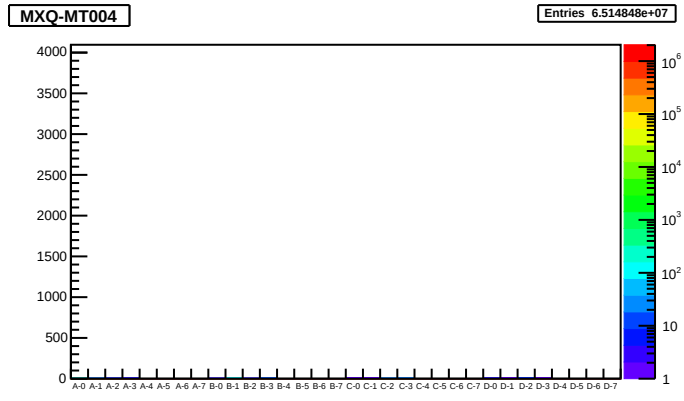
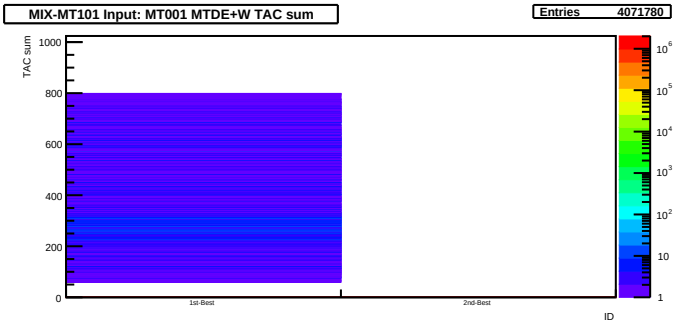
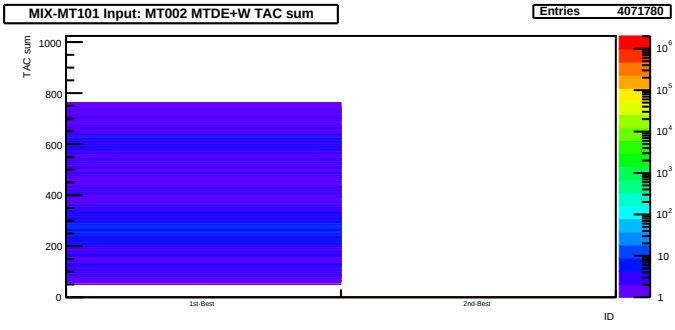
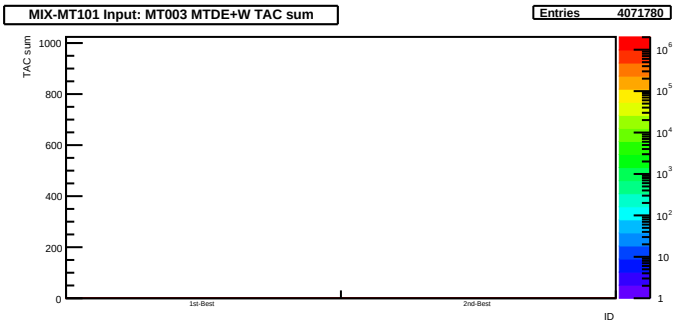
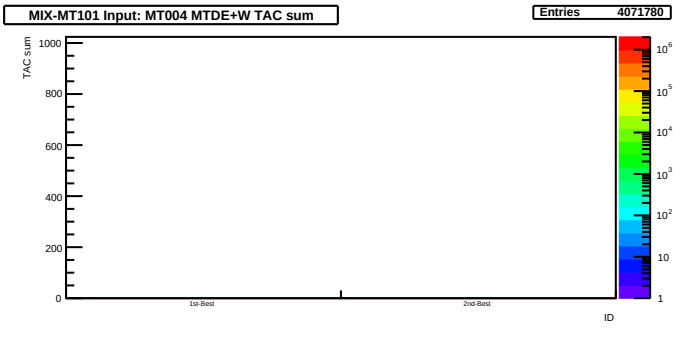
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

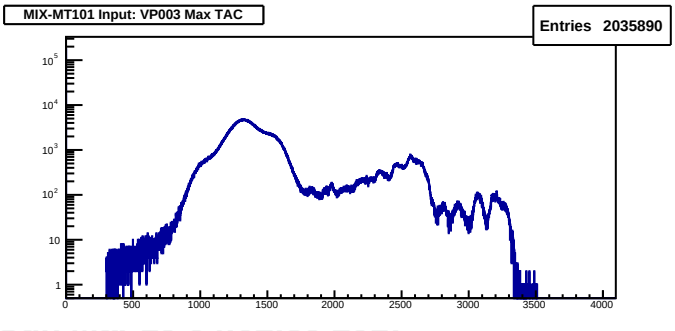

MXQ-MT004
Entries 6.514848e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

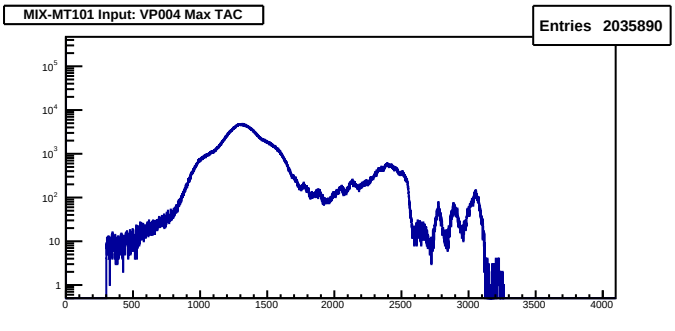

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4071780
TAC sum
1st-Best
2nd-Best
ID

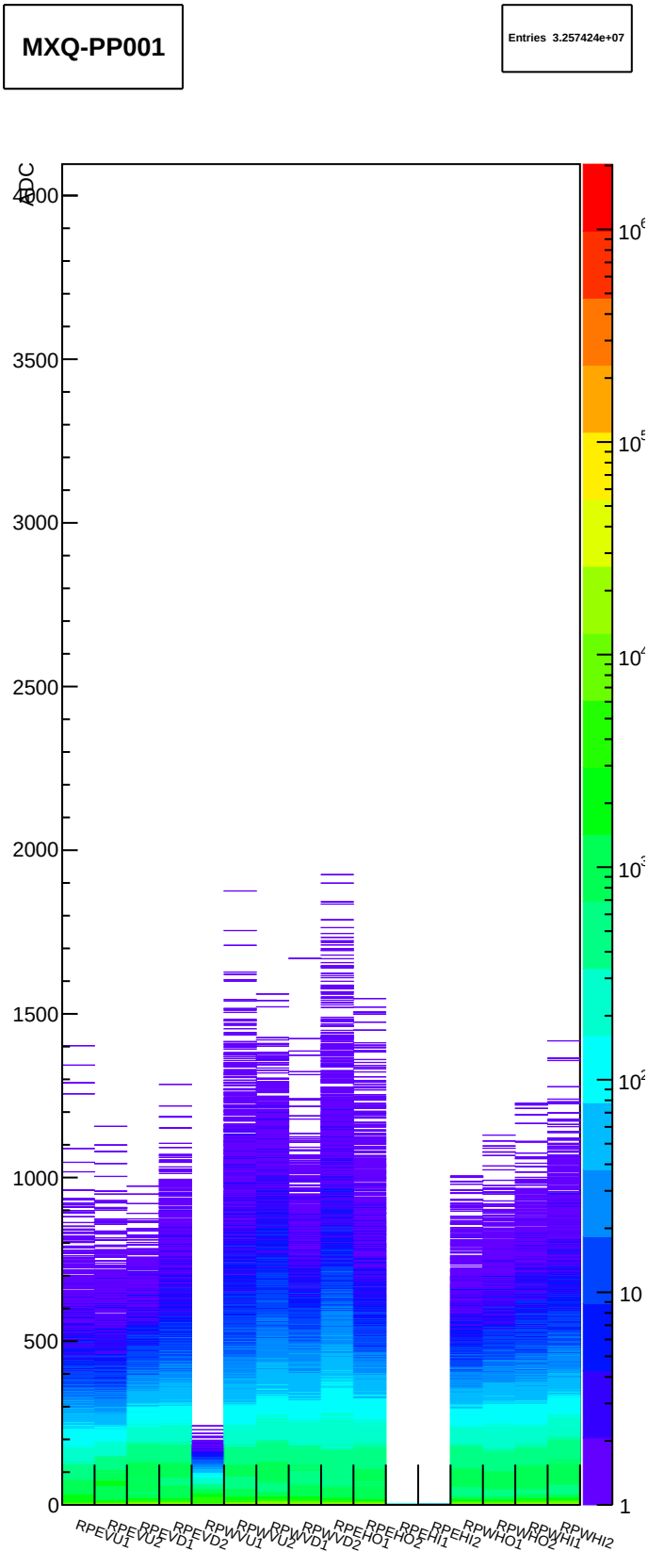

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4071780
TAC sum
1st-Best
2nd-Best
ID

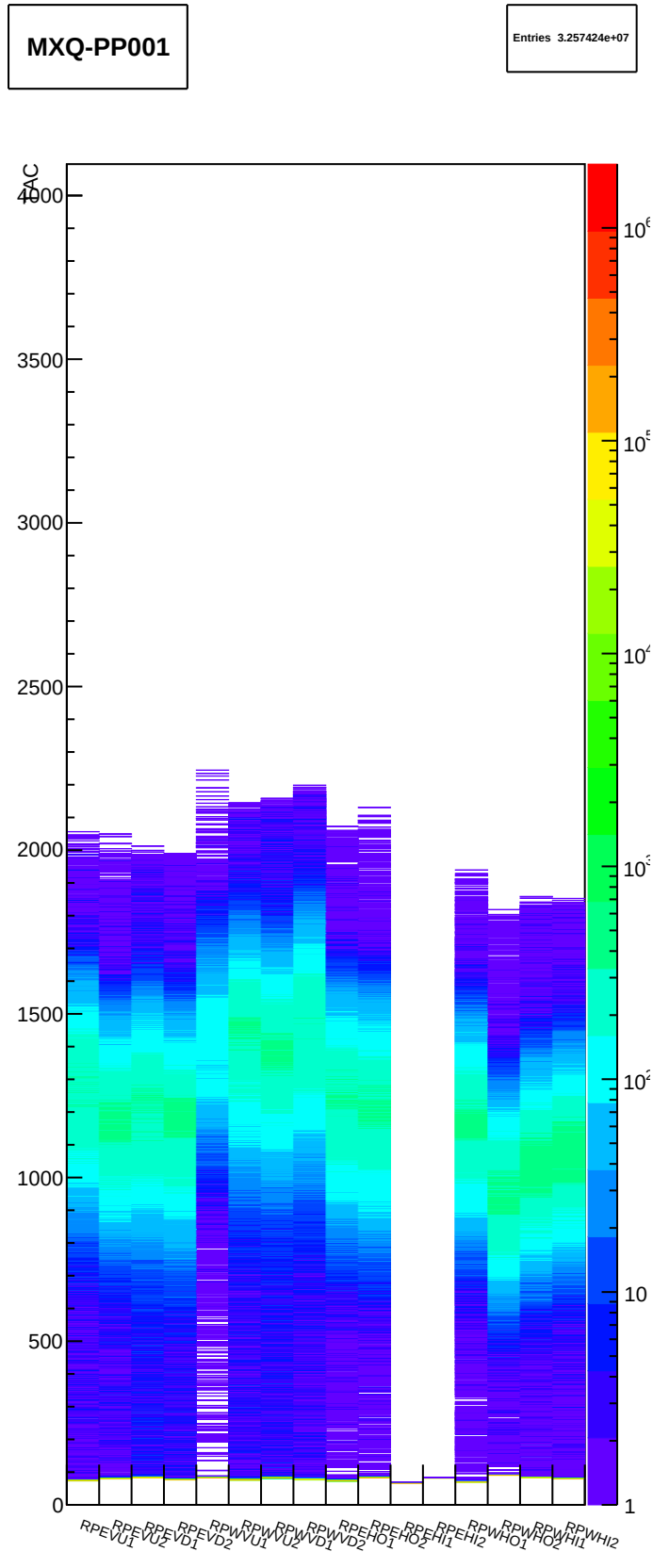

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4071780
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4071780
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 2035890


MIX-MT101 Input: VP004 Max TAC
Entries 2035890


MXQ-PP001
Entries 3.257424e+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 3.257424e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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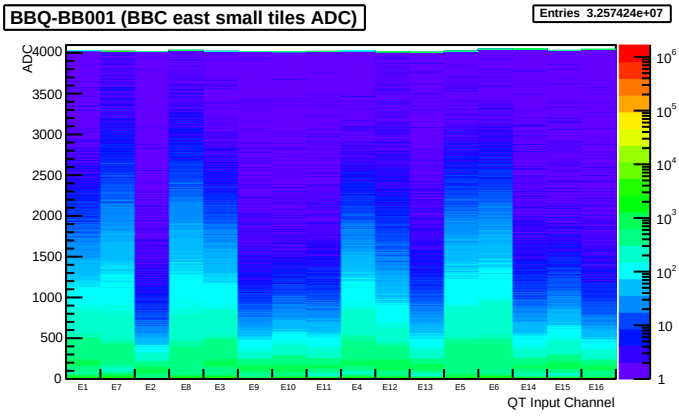
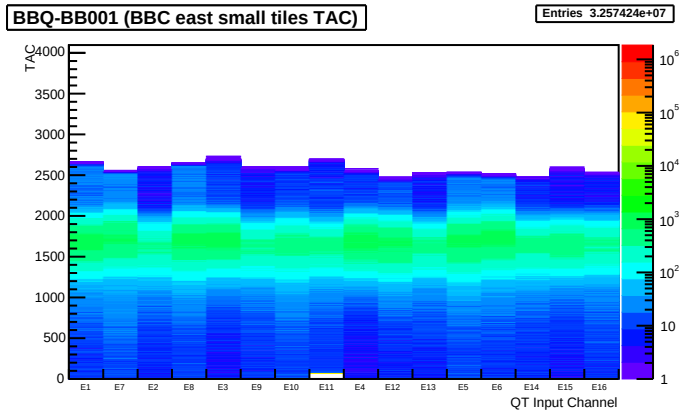
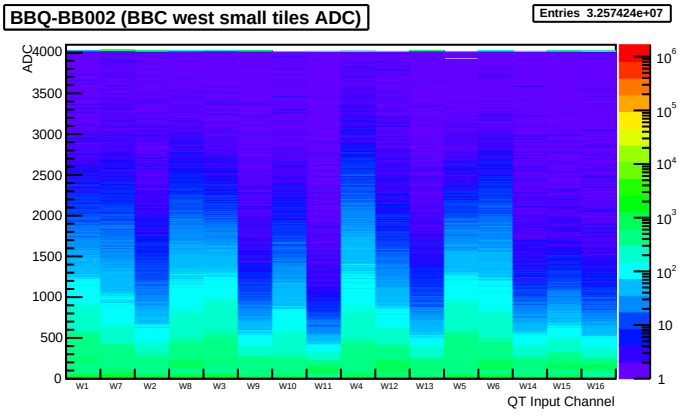
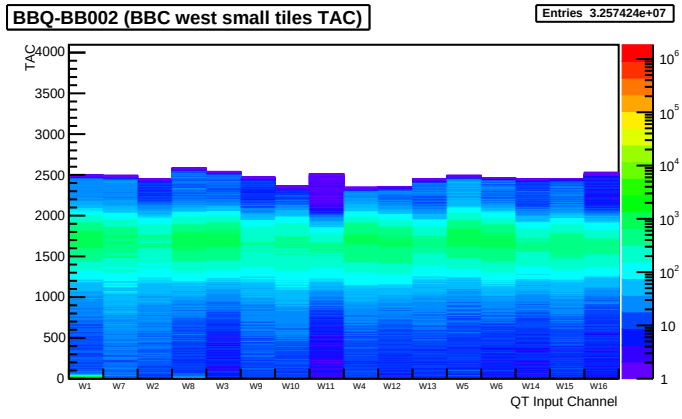
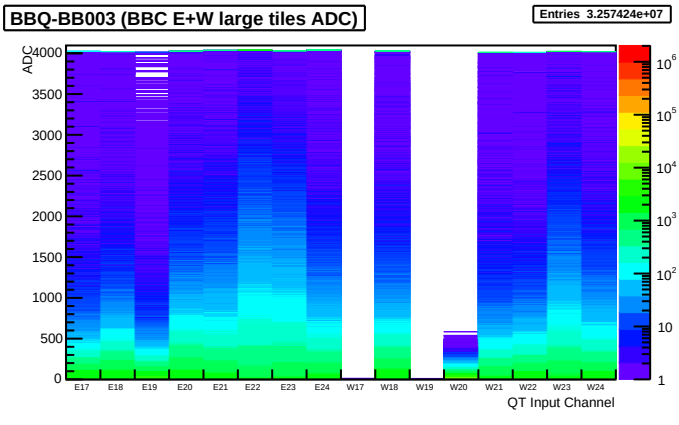
10^3
10^2
10
1

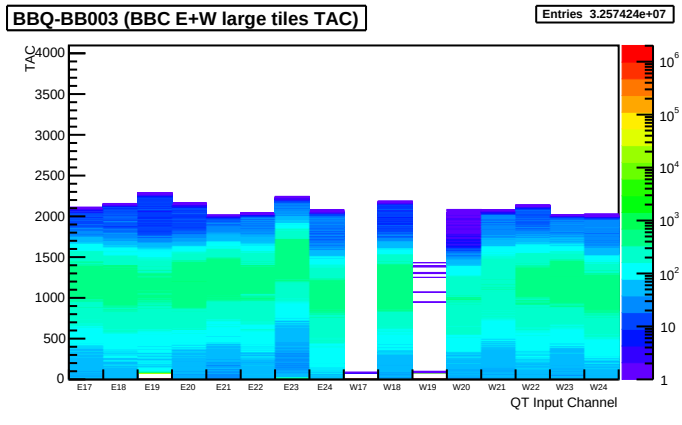

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.257424e+07
ADC
QT Input Channel

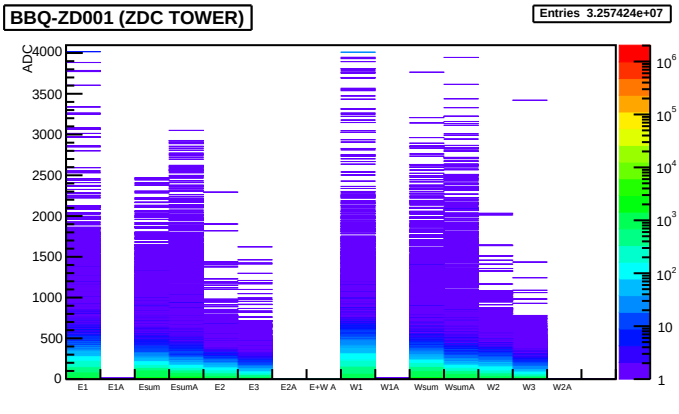

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.257424e+07
TAC
QT Input Channel

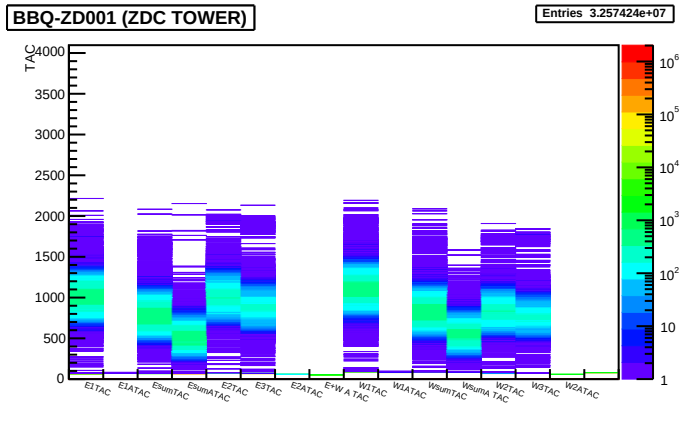

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.257424e+07
ADC
QT Input Channel

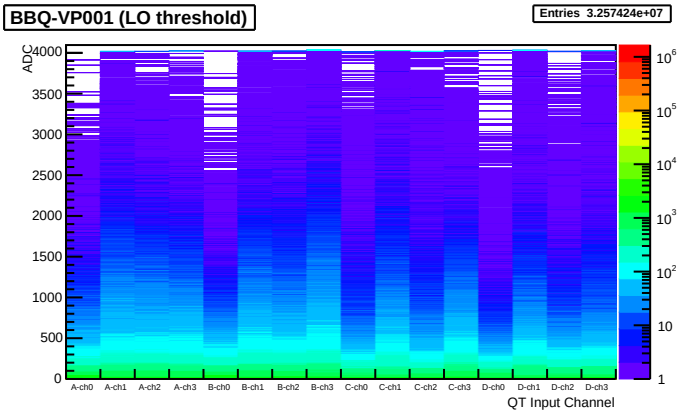

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.257424e+07
TAC
QT Input Channel

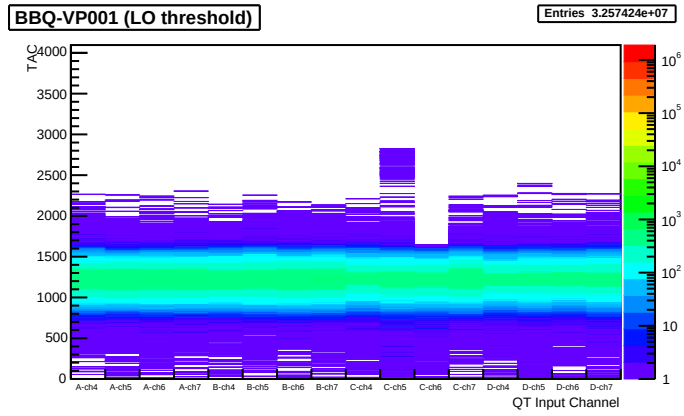

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.257424e+07
ADC
QT Input Channel

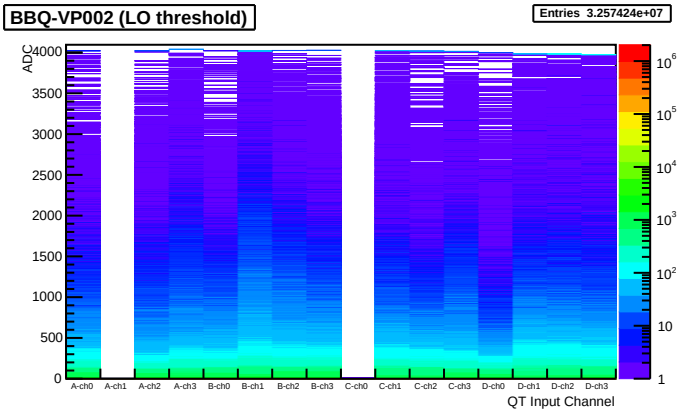

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.257424e+07
TAC
QT Input Channel

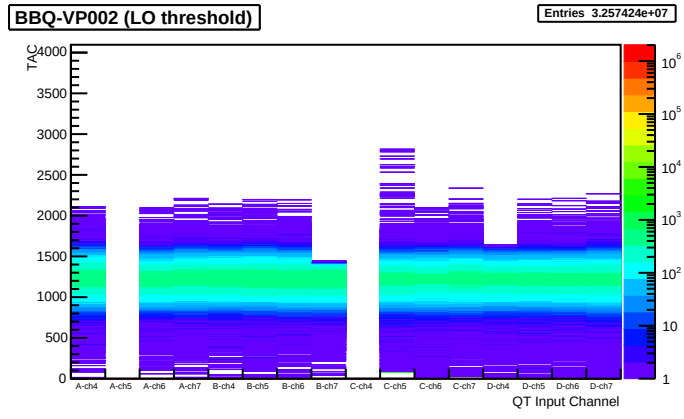

BBQ-ZD001 (ZDC TOWER)
Entries 3.257424e+07
ADC

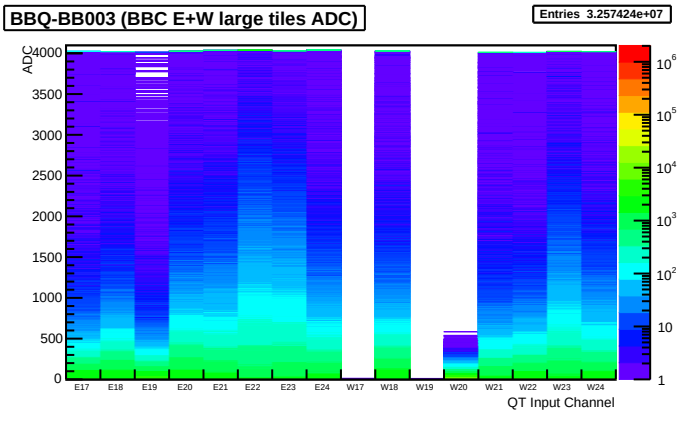

BBQ-ZD001 (ZDC TOWER)
Entries 3.257424e+07
TAC

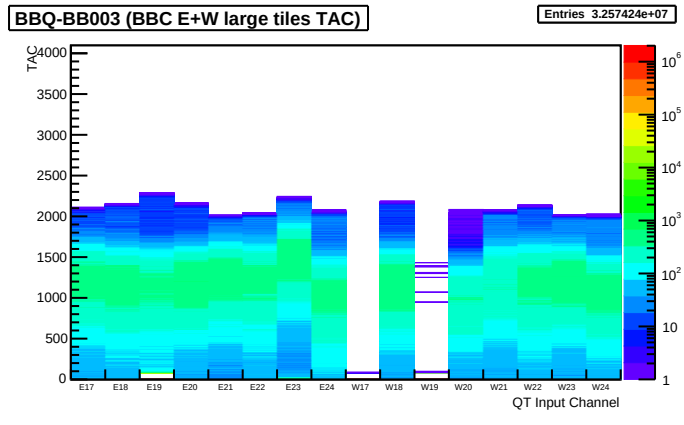

BBQ-VP001 (LO threshold)
Entries 3.257424e+07
ADC
QT Input Channel

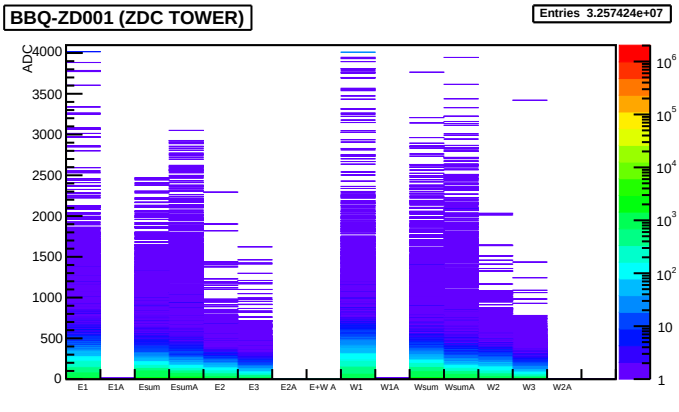

BBQ-VP001 (LO threshold)
Entries 3.257424e+07
TAC
QT Input Channel

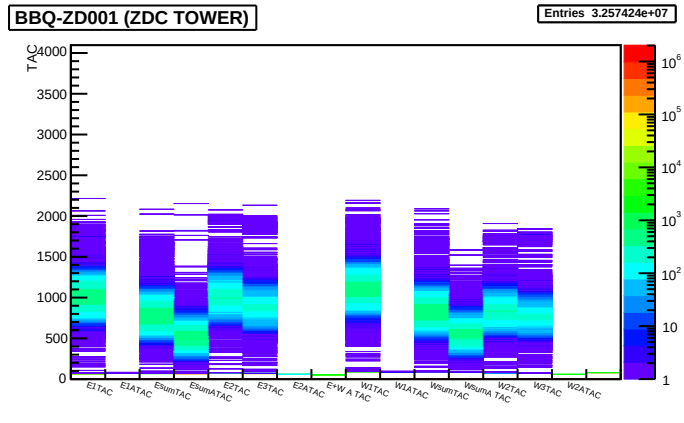

BBQ-VP002 (LO threshold)
Entries 3.257424e+07
ADC
QT Input Channel

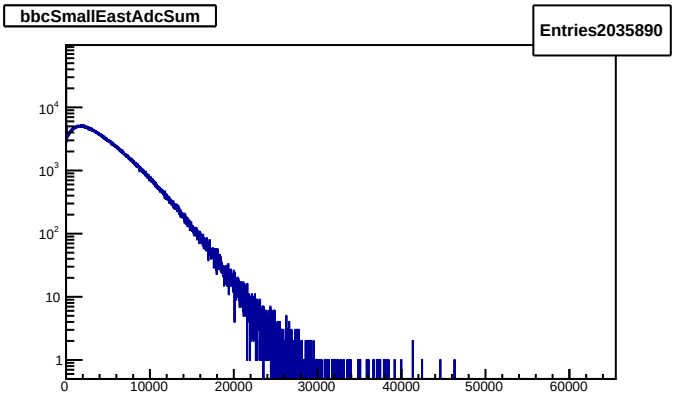

BBQ-VP002 (LO threshold)
Entries 3.257424e+07
TAC
QT Input Channel

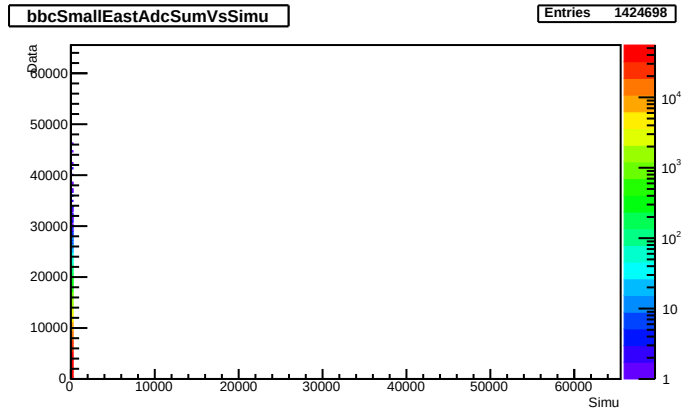

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.257424e+07
ADC
QT Input Channel

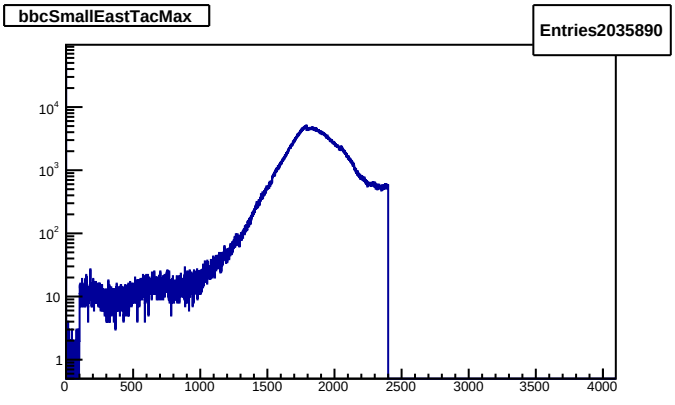

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.257424e+07
TAC
QT Input Channel

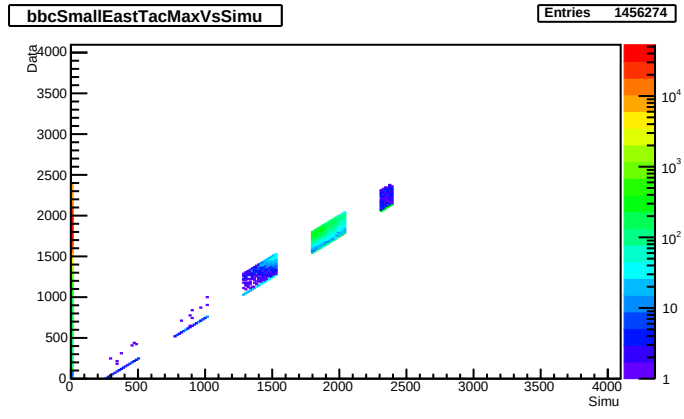

BBQ-ZD001 (ZDC TOWER)
Entries 3.257424e+07
ADC

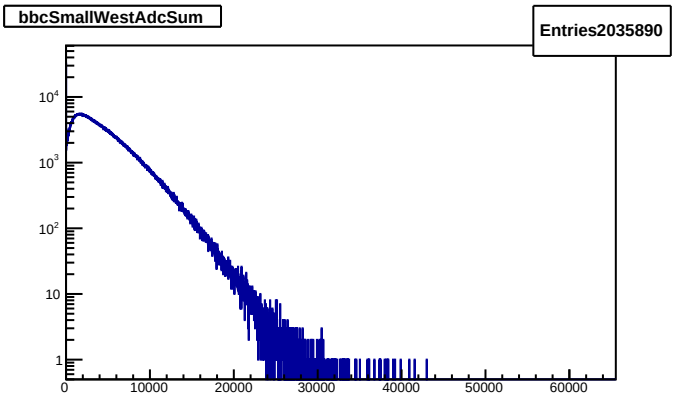

BBQ-ZD001 (ZDC TOWER)
Entries 3.257424e+07
TAC

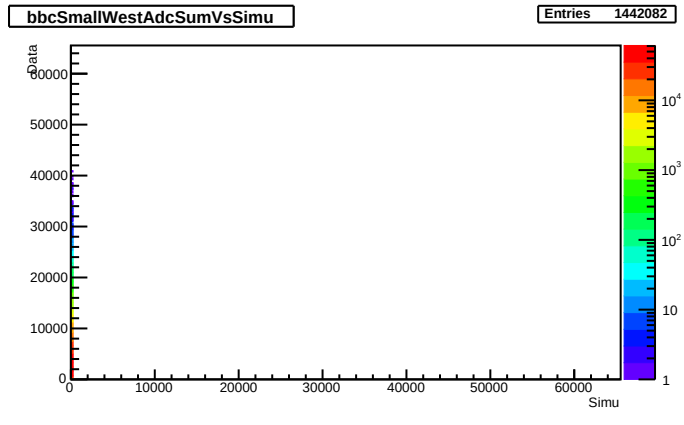

bbcSmallEastAdcSum
Entries2035890

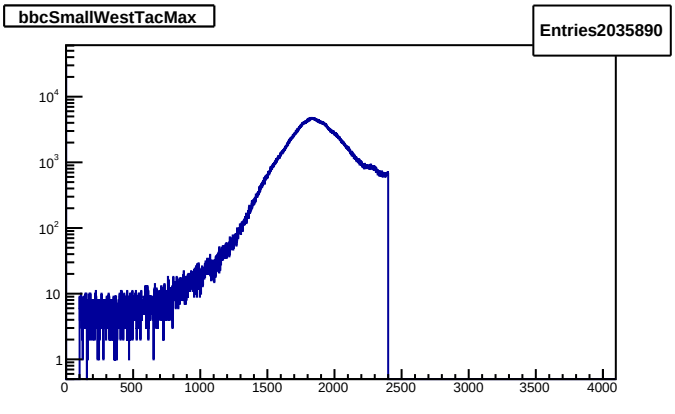

bbcSmallEastAdcSumVsSimu
Entries 1424698
Data
Simu

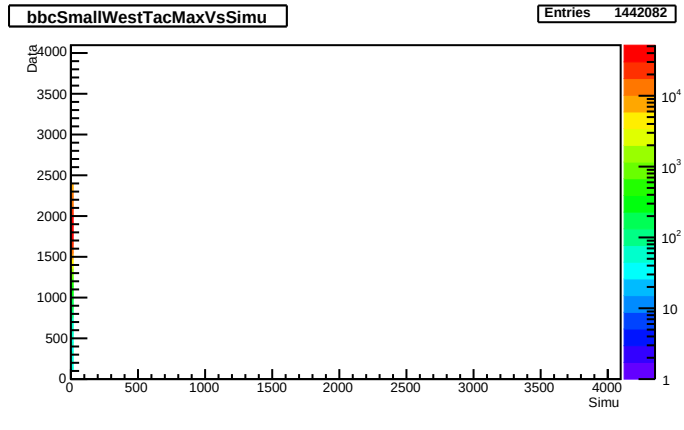

bbcSmallEastTacMax
Entries2035890

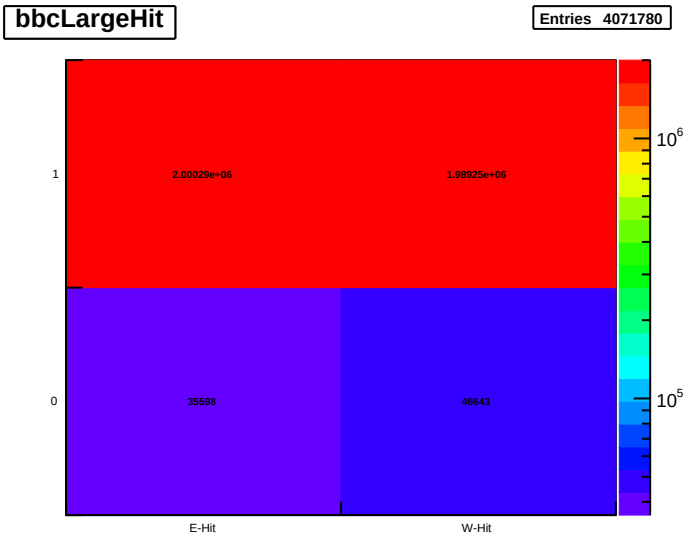

bbcSmallEastTacMaxVsSimu
Entries 1456274
Data
Simu

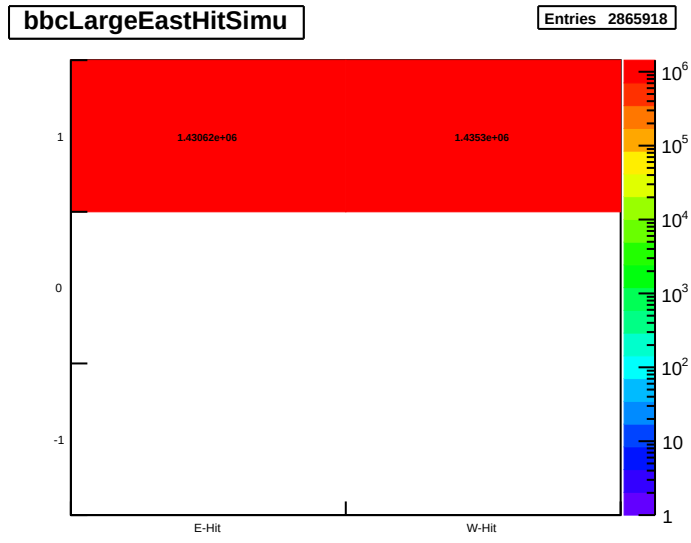

bbcSmallWestAdcSum
Entries2035890

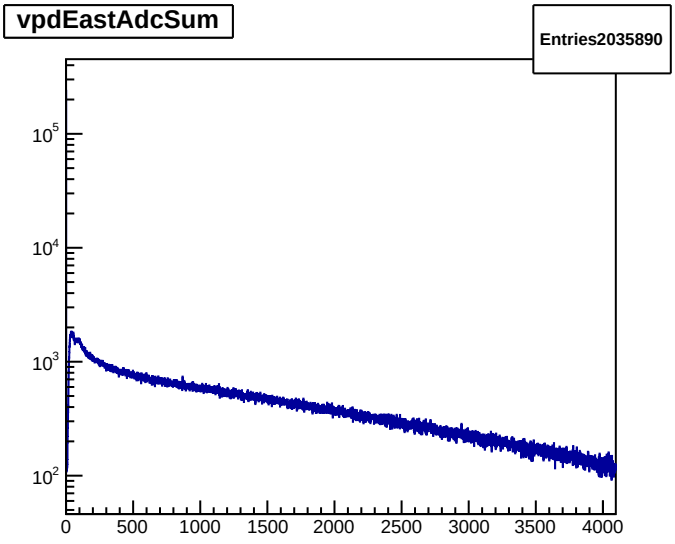

bbcSmallWestAdcSumVsSimu
Entries 1442082
Data
Simu

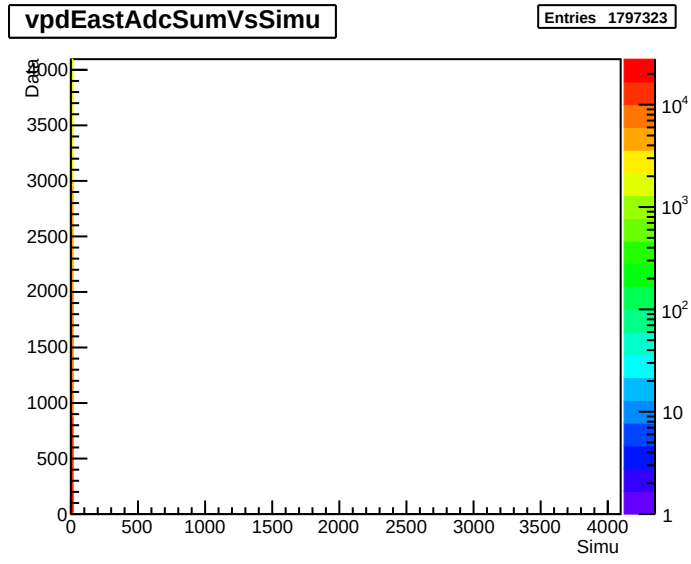

bbcSmallWestTacMax
Entries2035890

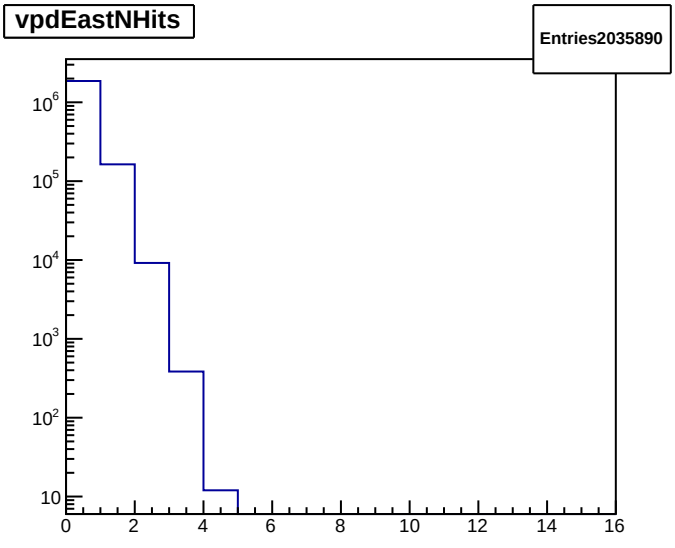

bbcSmallWestTacMaxVsSimu
Entries 1442082
Data
Simu

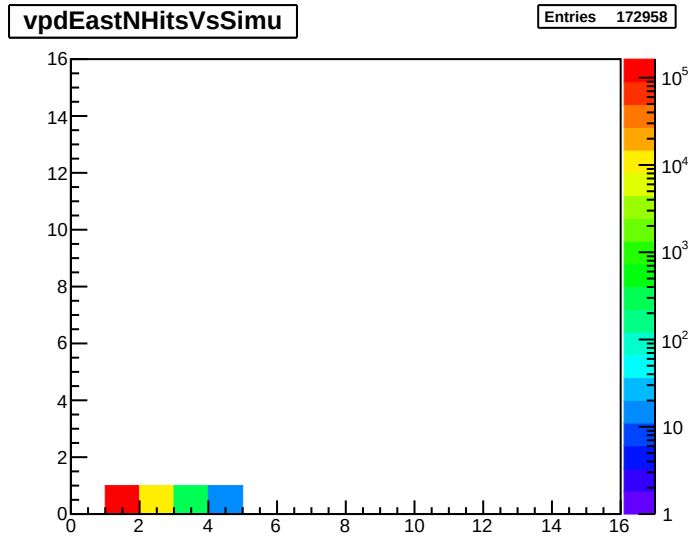

bbcLargeHit
Entries 4071780
2.00029e+06
1.98925e+06
35598
46643
1
0
E-Hit
W-Hit
10^6
10^5

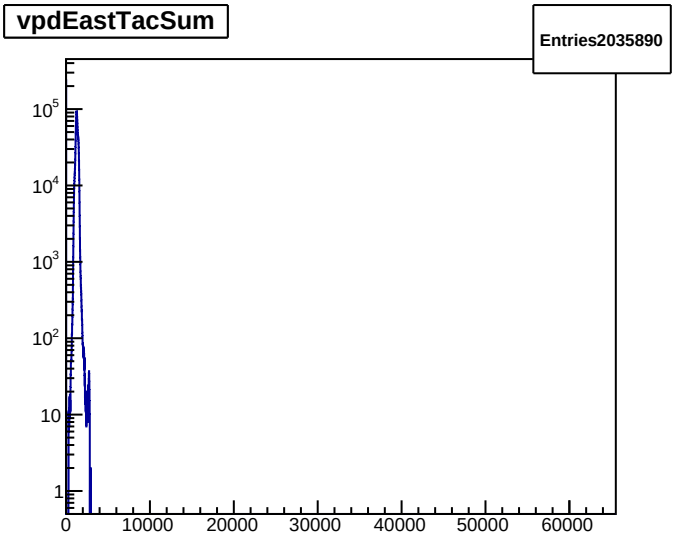

bbcLargeEastHitSimu
Entries 2865918
1.43062e+06
1.4353e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

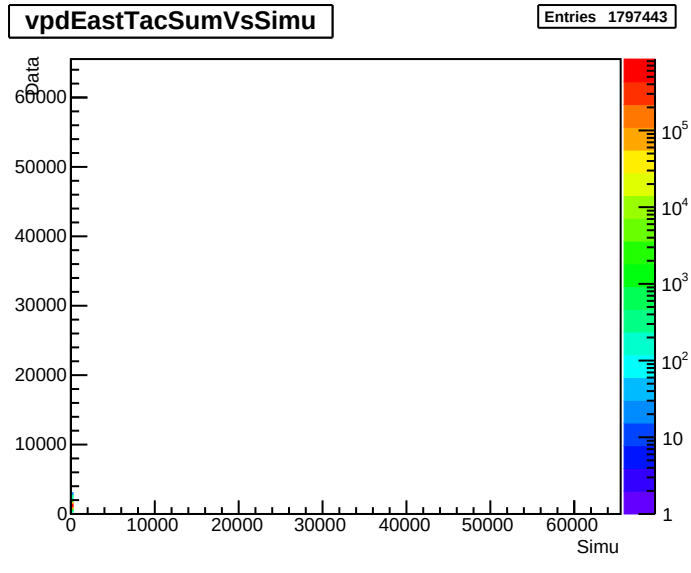

vpdEastAdcSum
Entries2035890

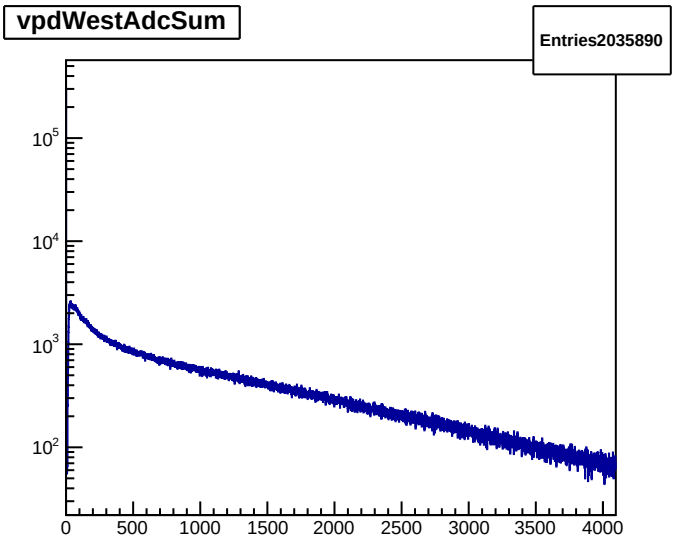

vpdEastAdcSumVsSimu
Entries 1797323
Data
Simu

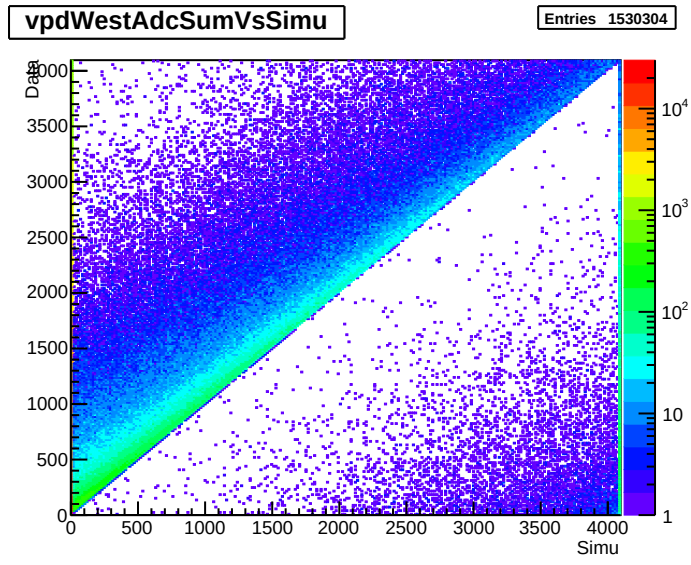

vpdEastNHits
Entries2035890

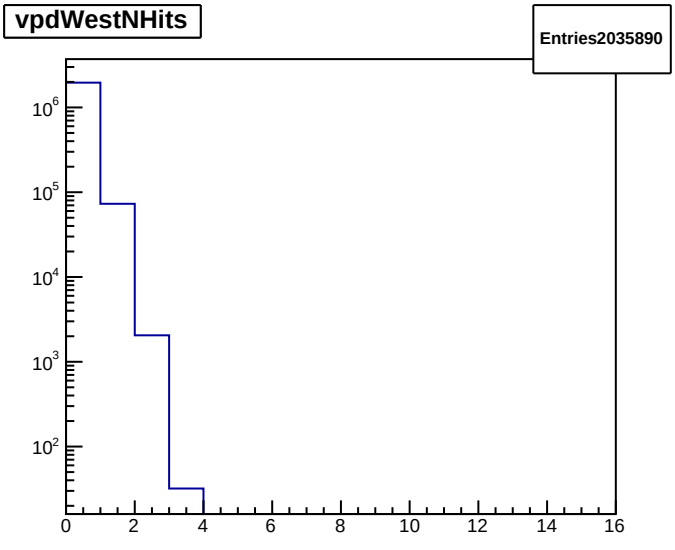

vpdEastNHitsVsSimu
Entries 172958

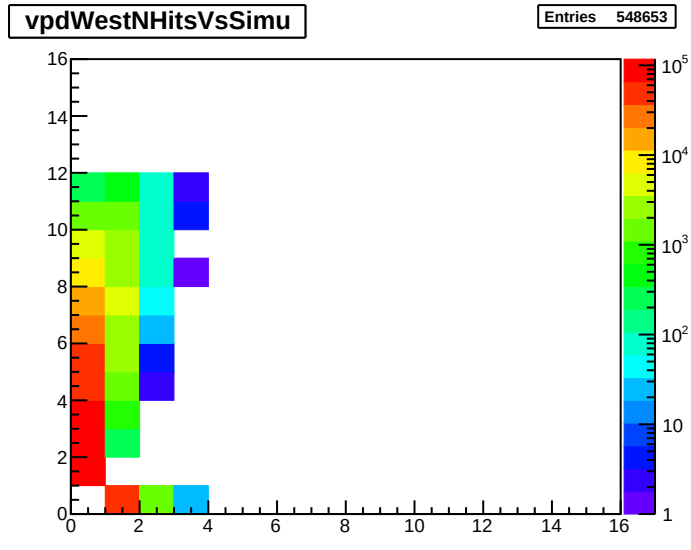

vpdEastTacSum
Entries2035890

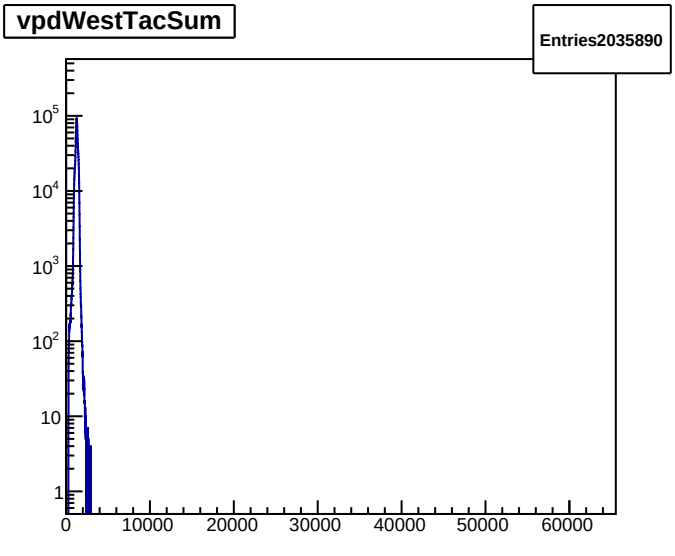

vpdEastTacSumVsSimu
Entries 1797443
Data
Simu

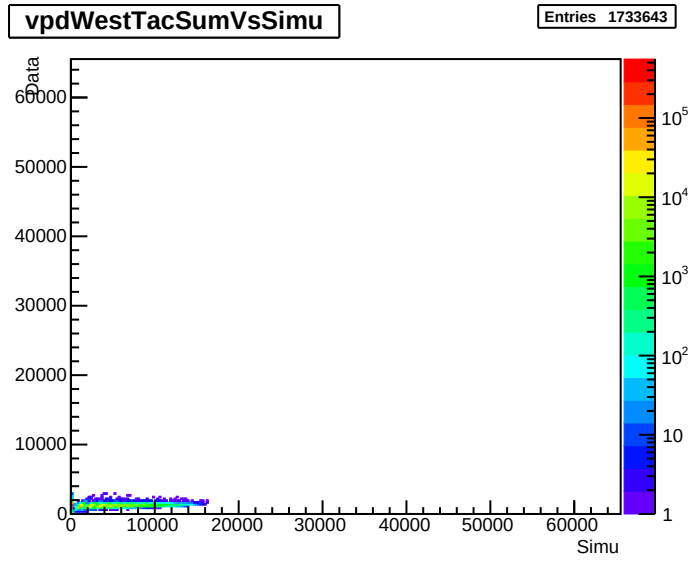

vpdWestAdcSum
Entries2035890

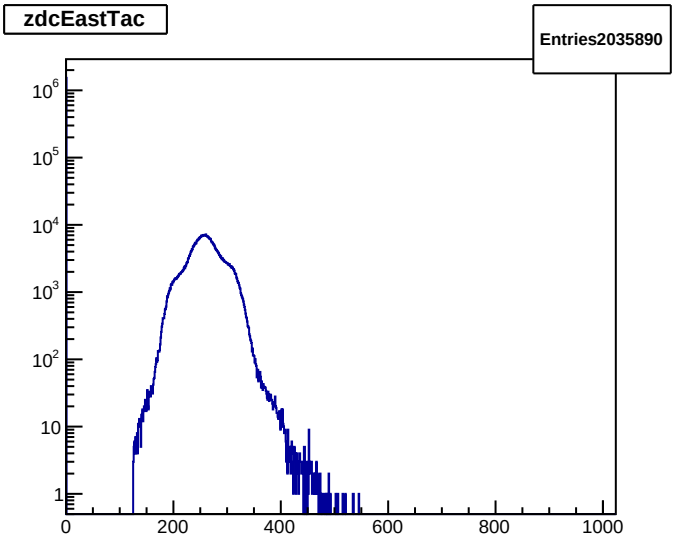

vpdWestAdcSumVsSimu
Entries 1530304
Data
Simu

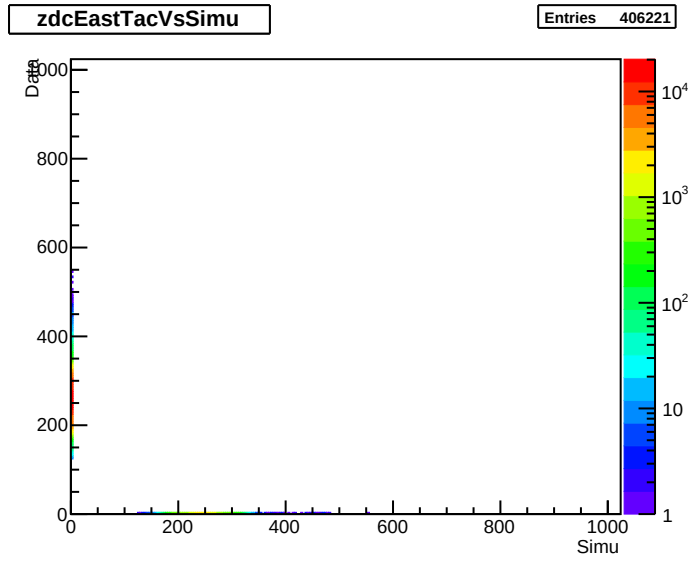

vpdWestNHits
Entries2035890

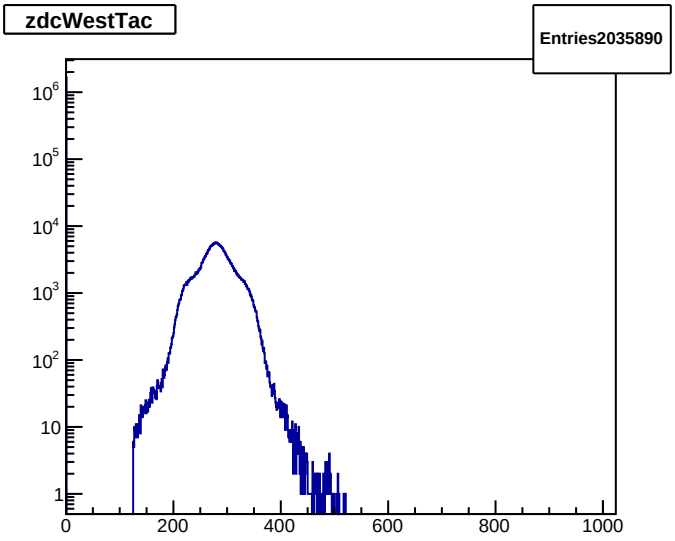

vpdWestNHitsVsSimu
Entries 548653

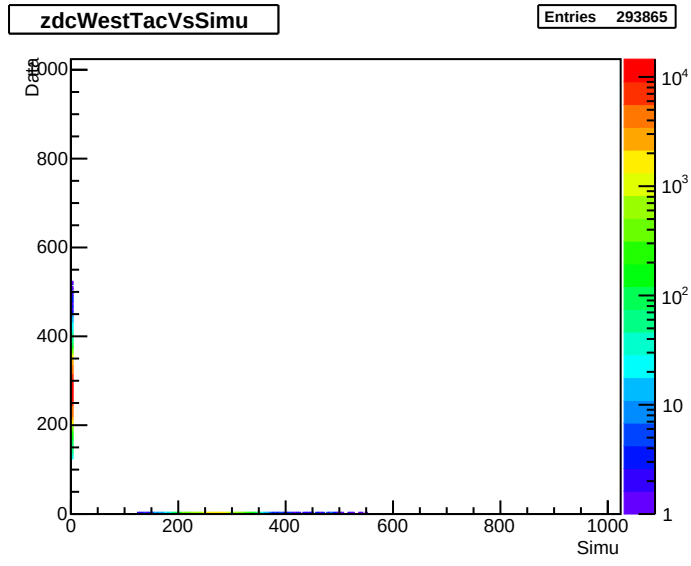

vpdWestTacSum
Entries2035890

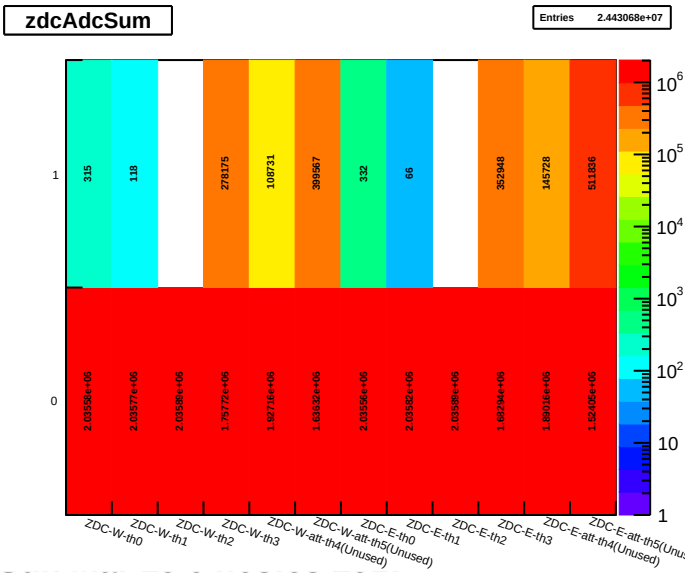

vpdWestTacSumVsSimu
Entries 1733643
Data
Simu

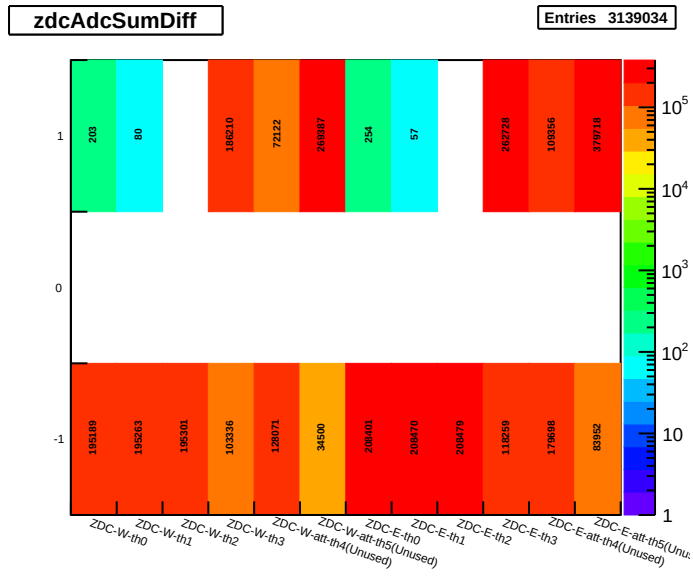

zdcEastTac
Entries2035890

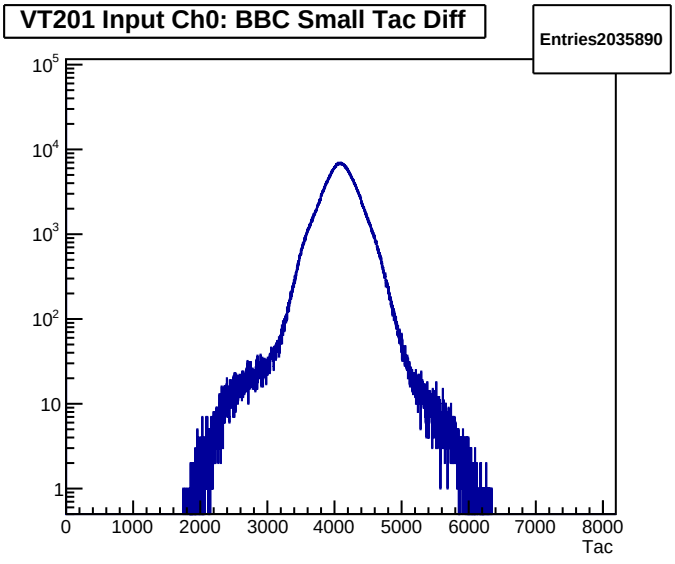

zdcEastTacVsSimu
Entries 406221
Data
Simu

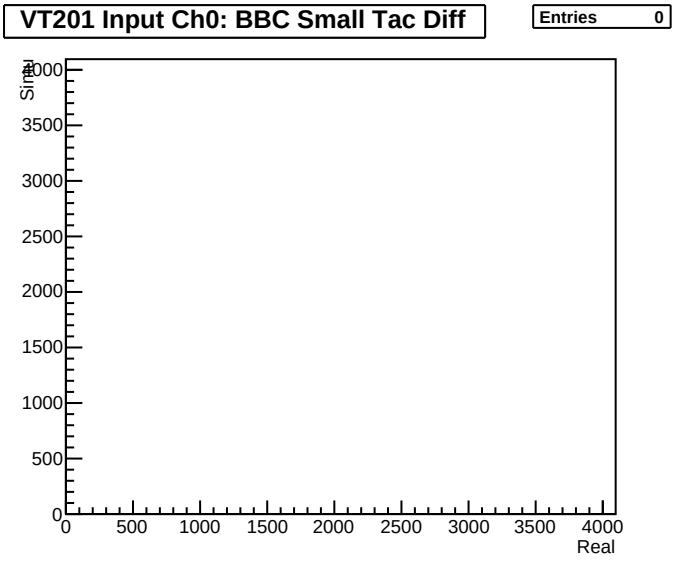

zdcWestTac
Entries2035890

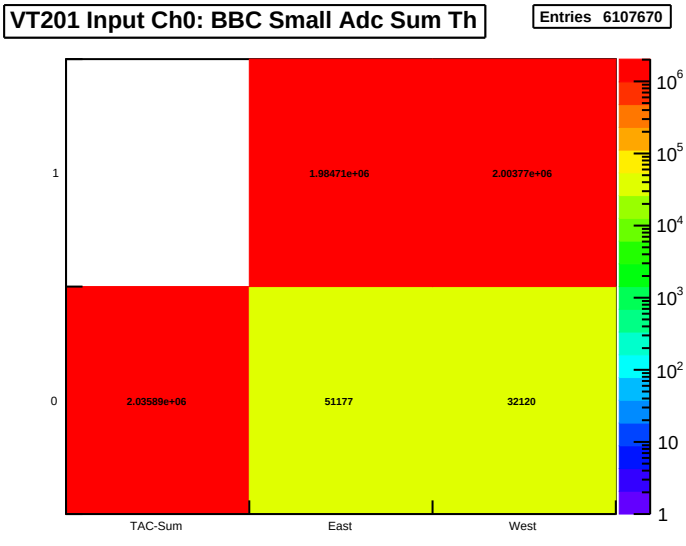

zdcWestTacVsSimu
Entries 293865
Data
Simu

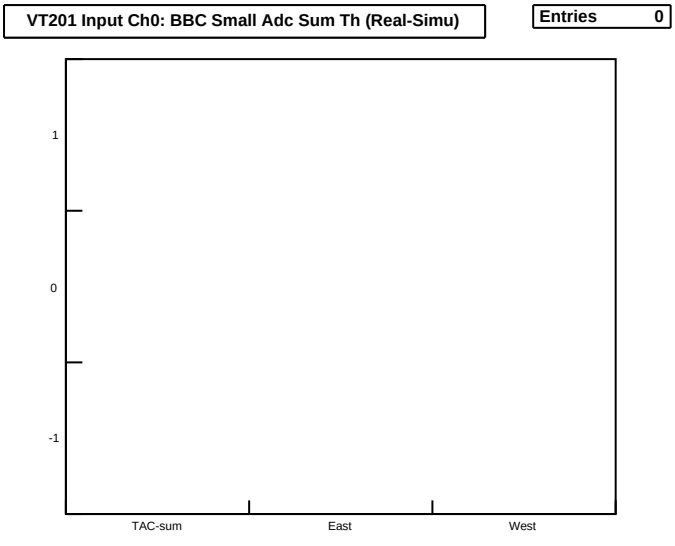

zdcAdcSum
Entries 2.443068e+07
315
118
278175
108731
399567
332
66
362948
145728
511836
2.03558e+06
2.03577e+06
2.03580e+06
1.75772e+06
1.92716e+06
1.63632e+06
2.03556e+06
2.03582e+06
2.03589e+06
1.68294e+06
1.89016e+06
1.52405e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

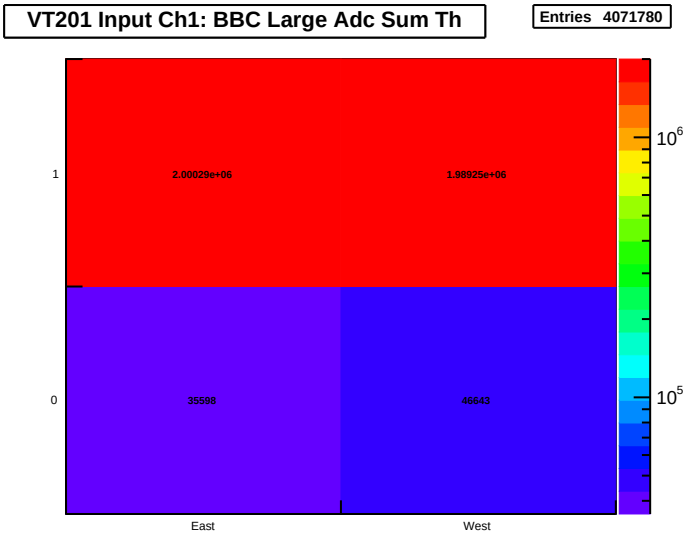

zdcAdcSumDiff
Entries 3139034
203
80
186210
72122
269387
254
57
262728
109356
379718
195189
192263
195301
103336
128071
34500
208401
208470
208479
118259
179698
83952
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

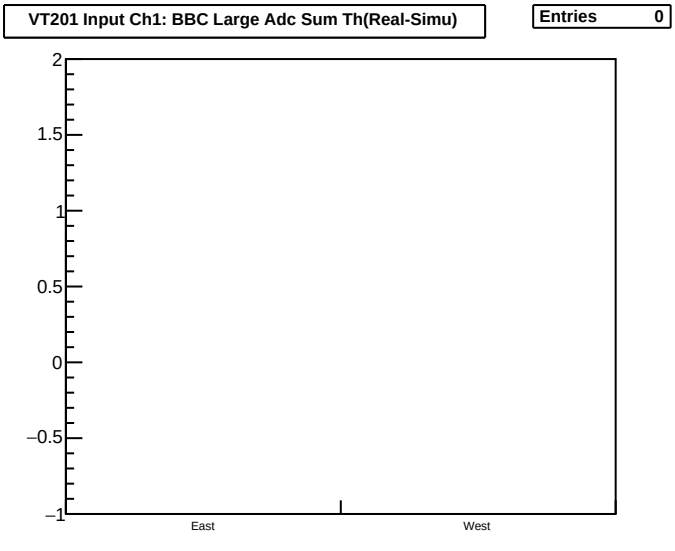

VT201 Input Ch0: BBC Small Tac Diff
Entries2035890
Tac


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

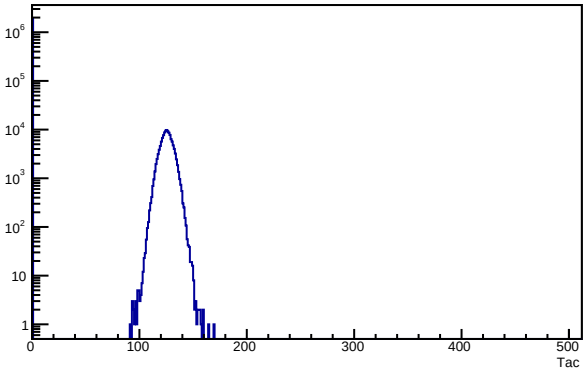

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6107670
1.98471e+06
2.00377e+06
2.03589e+06
51177
32120
TAC-Sum
East
West


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

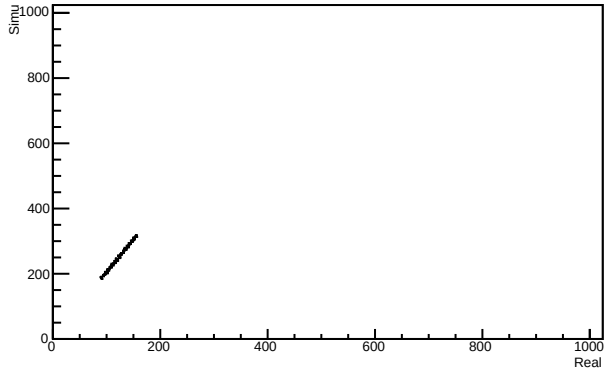

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4071780
2.00029e+06
1.98925e+06
35598
46643
East
West


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

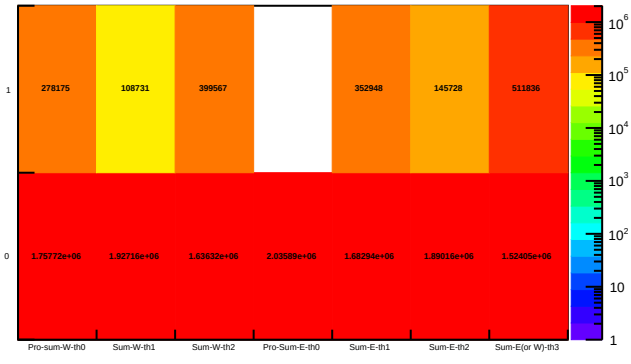
VT201 Input Ch2: ZDC Tac Diff



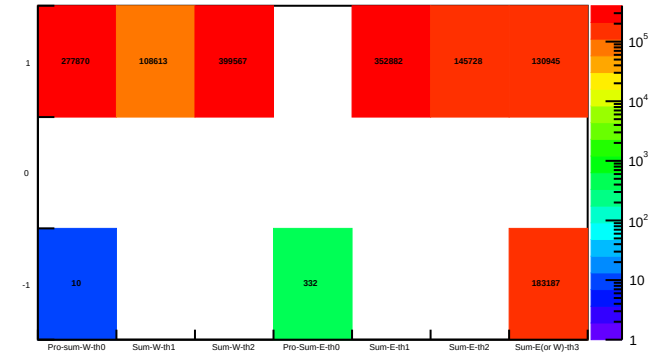
VT201 Input Ch2: ZDC Tac Diff



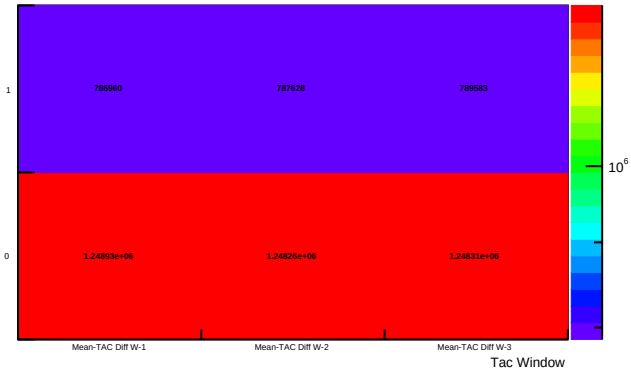
VT201 Input Ch2: ZDC Adc Sum Th



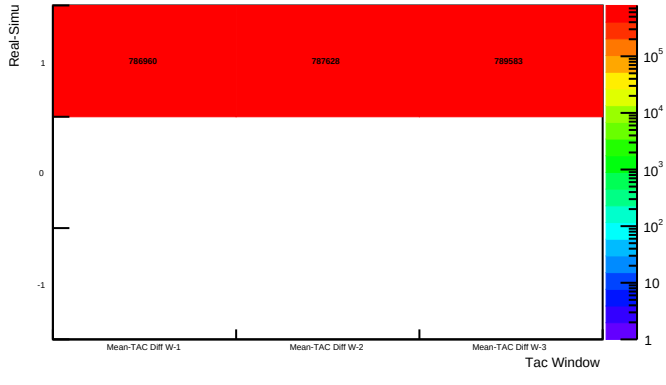
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



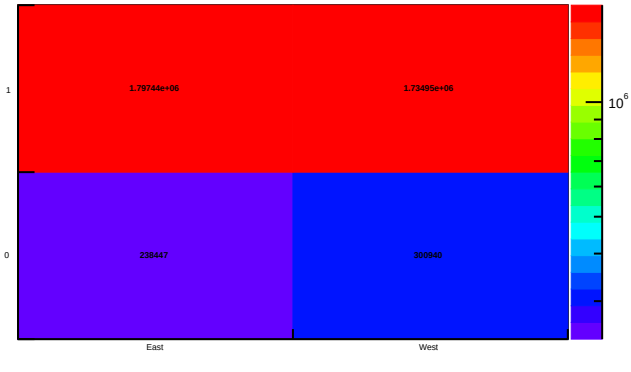
VT201 Input Ch4: VPD Tac Diff



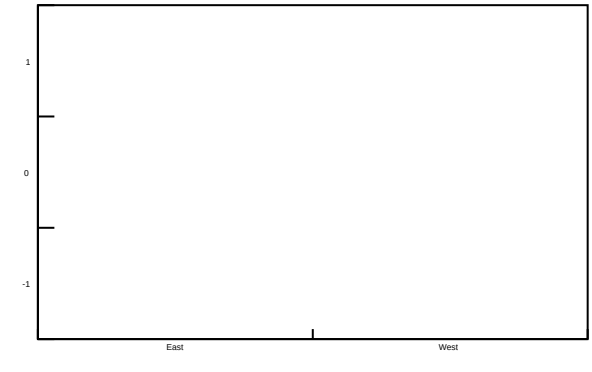
VT201 Input Ch4: VPD Tac Diff

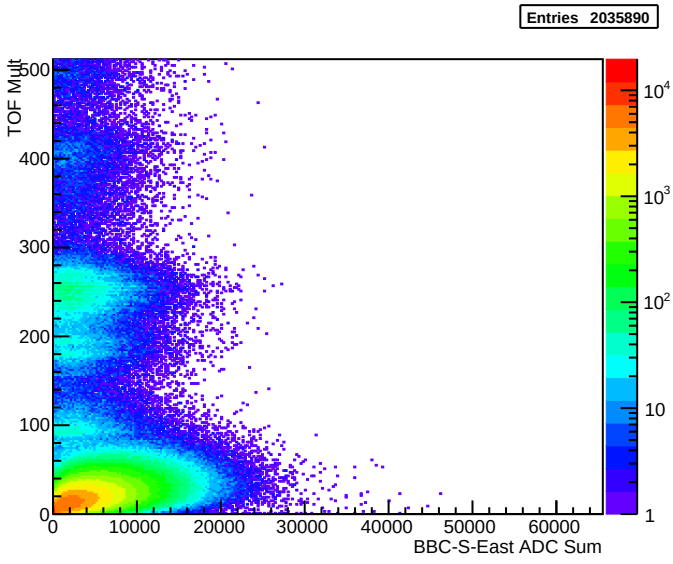


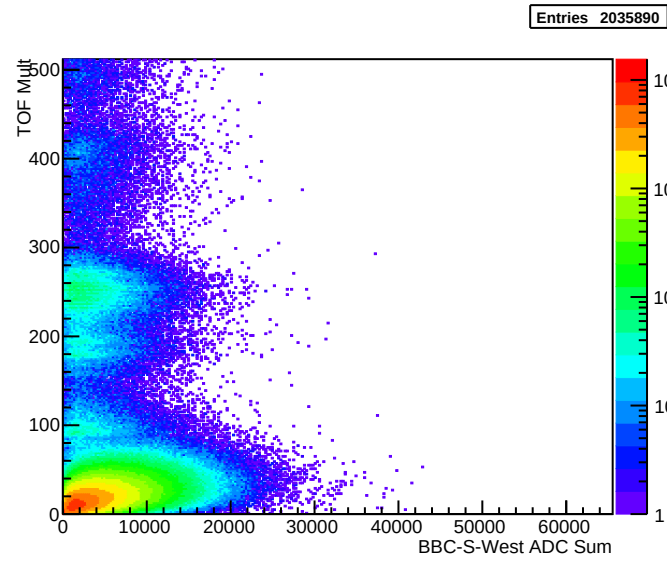
VT201 Input Ch4: VPD Adc Sum Th

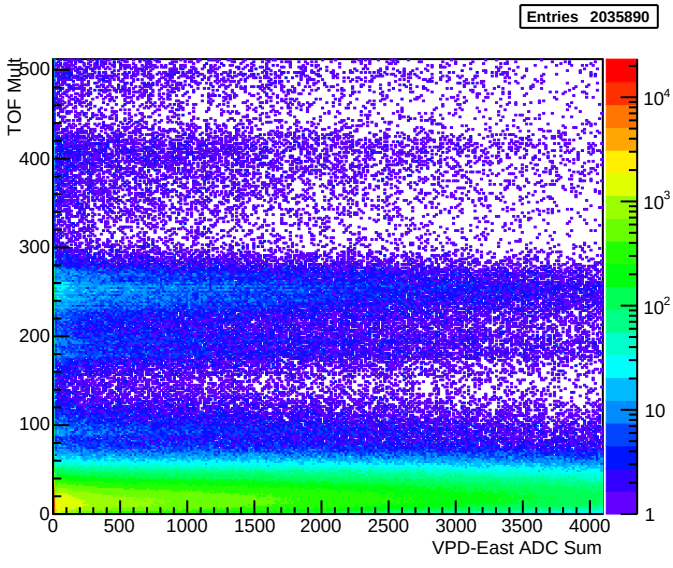


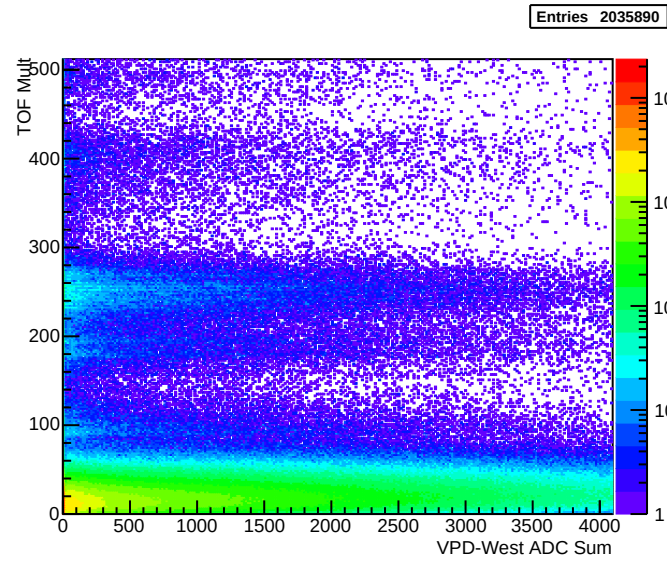
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

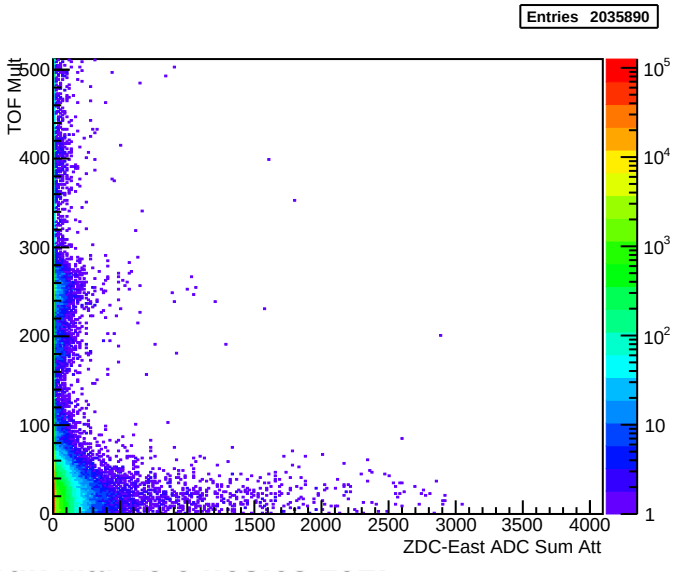


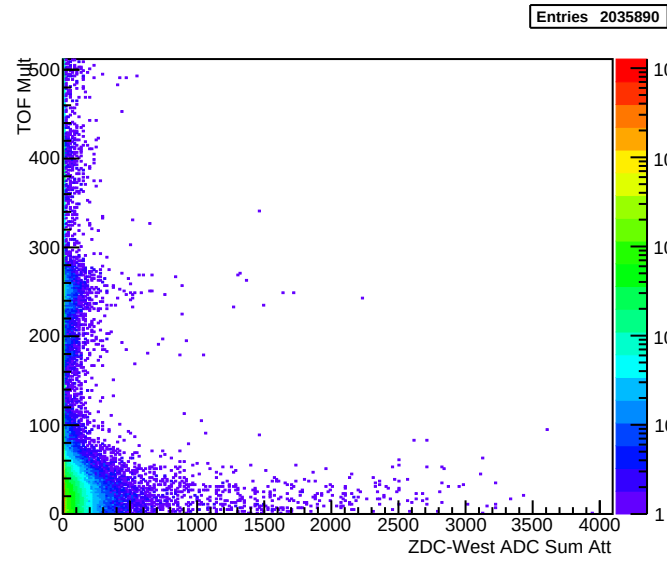

Entries 2035890
TOF Mult
BBC-S-East ADC Sum

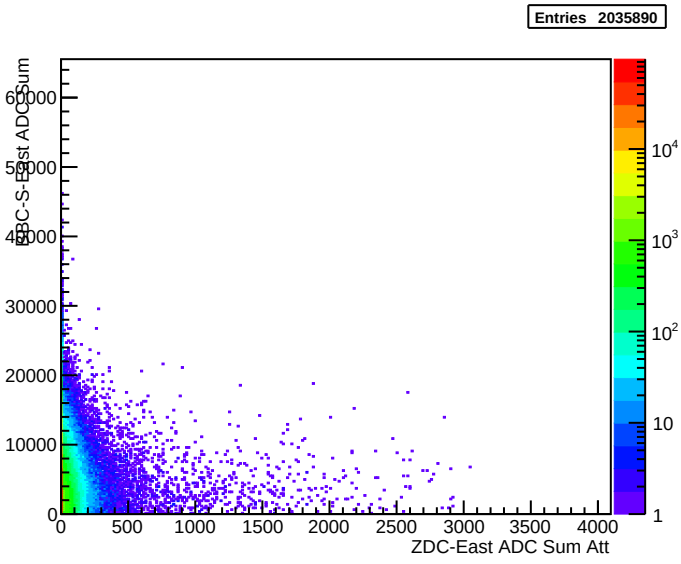

Entries 2035890
TOF Mult
BBC-S-West ADC Sum

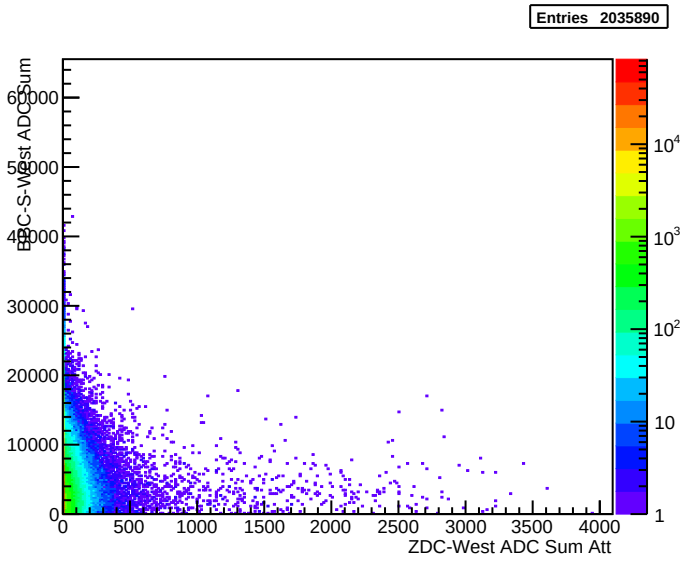

Entries 2035890
TOF Mult
VPD-East ADC Sum

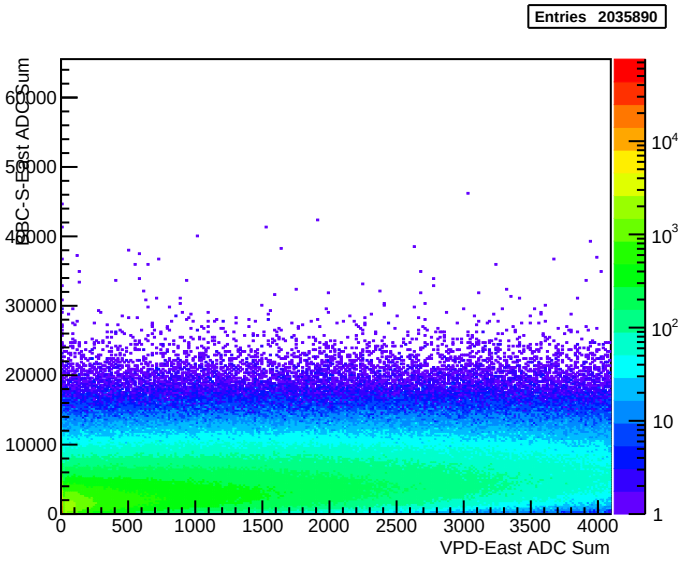

Entries 2035890
TOF Mult
VPD-West ADC Sum

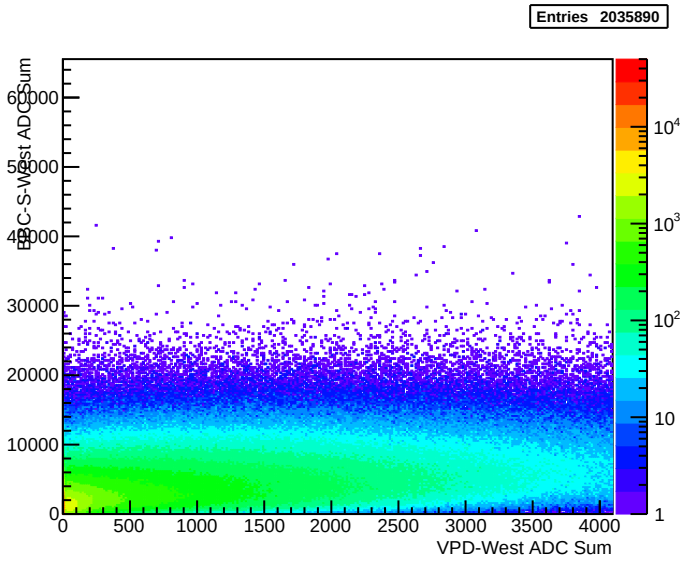

Entries 2035890
TOF Mult
ZDC-East ADC Sum Att

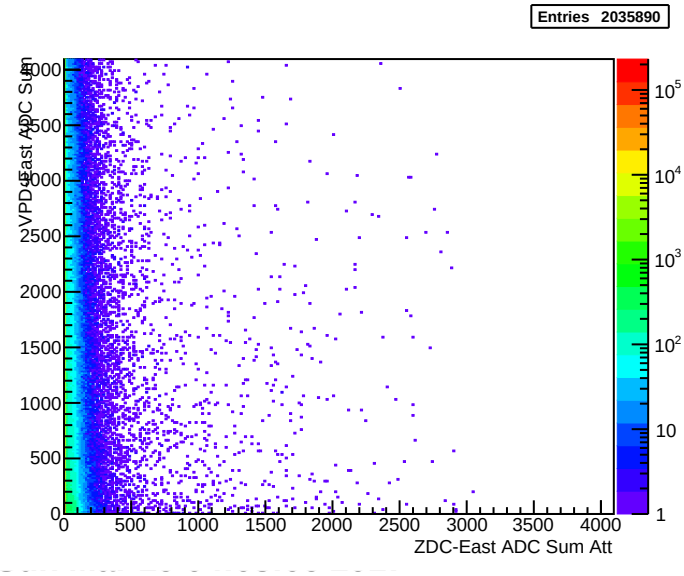

Entries 2035890
TOF Mult
ZDC-West ADC Sum Att

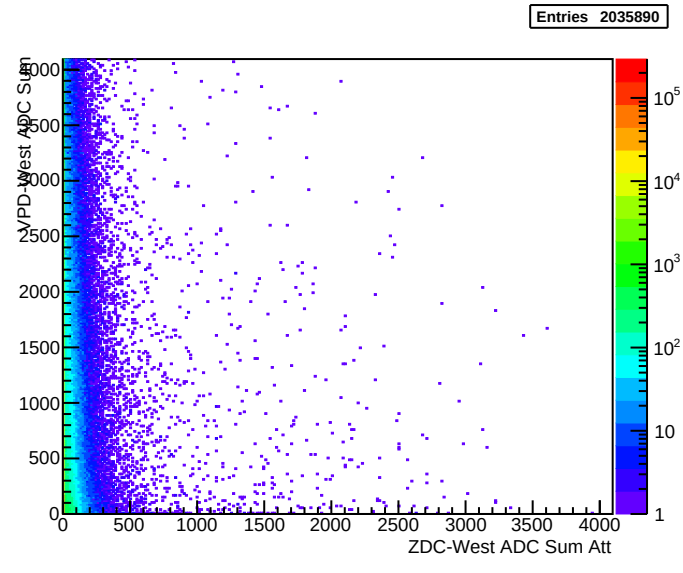

Entries 2035890
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

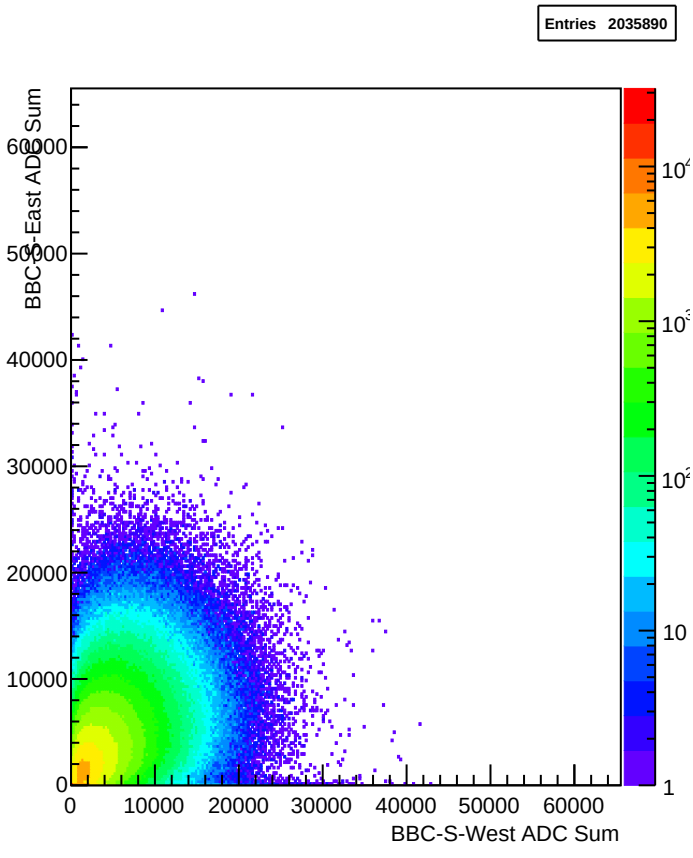

Entries 2035890
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

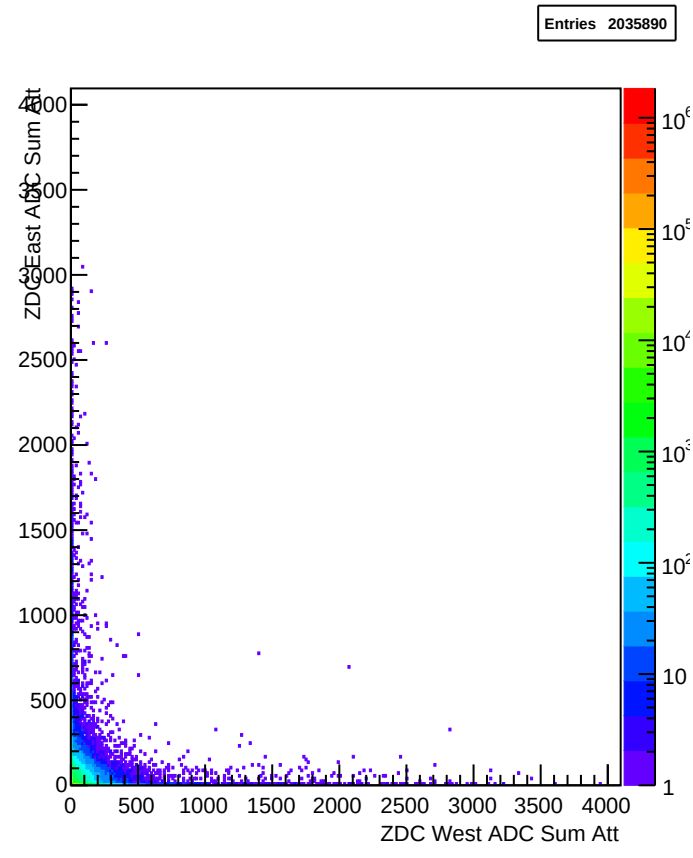

Entries 2035890
BBC-S-East ADC Sum
VPD-East ADC Sum

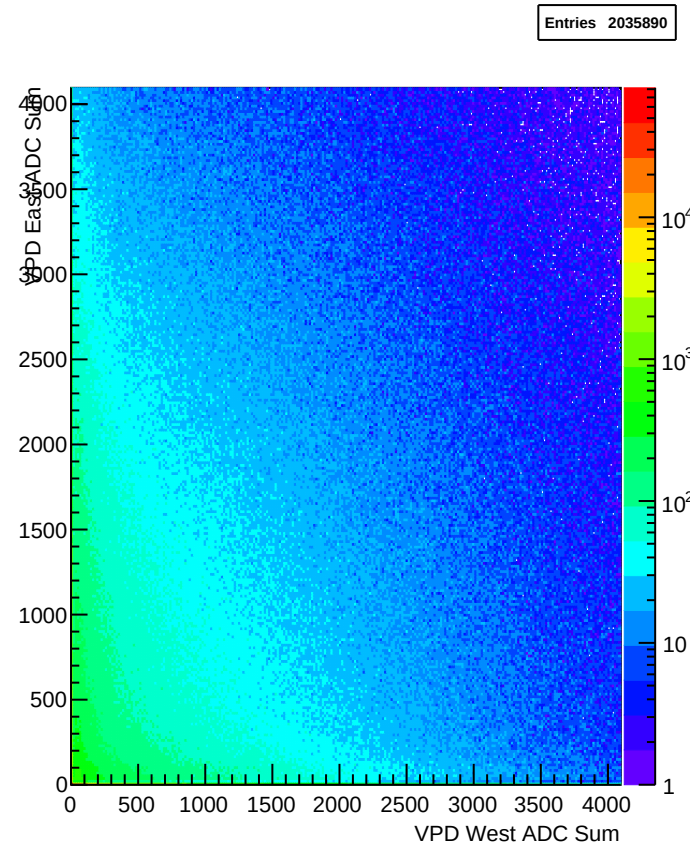

Entries 2035890
BBC-S-West ADC Sum
VPD-West ADC Sum

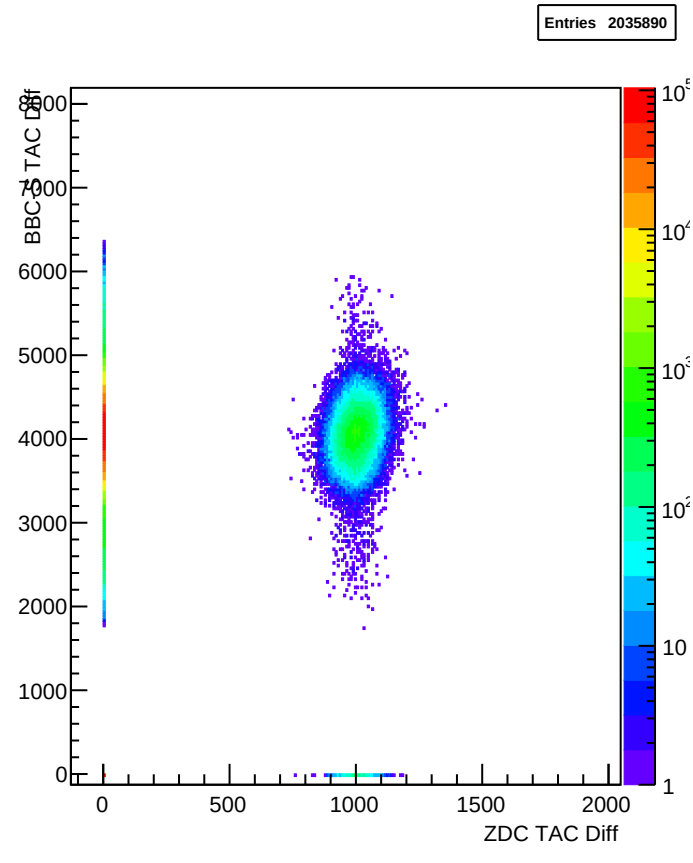

Entries 2035890
VPD-East ADC Sum
ZDC-East ADC Sum Att

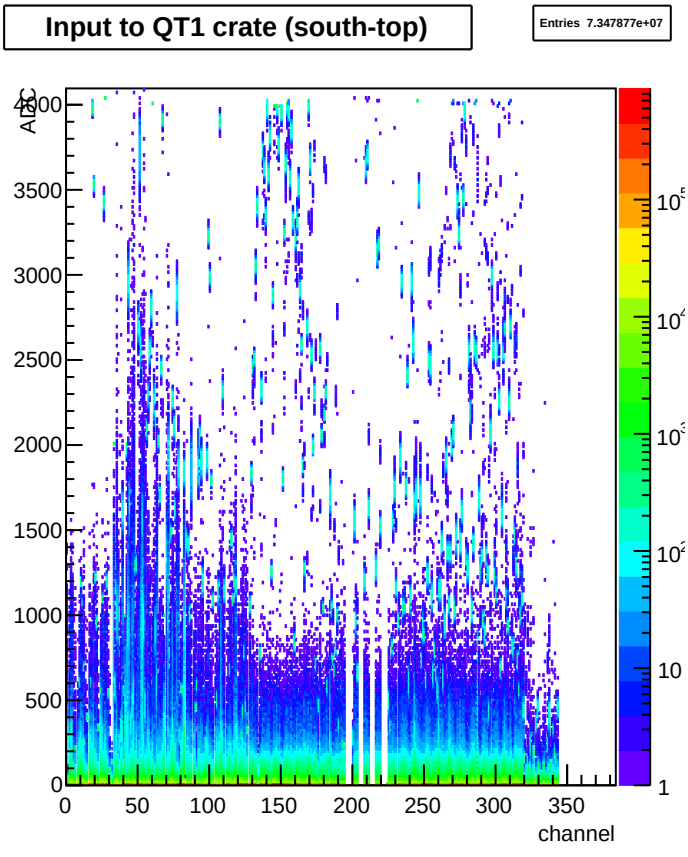

Entries 2035890
VPD-West ADC Sum
ZDC-West ADC Sum Att

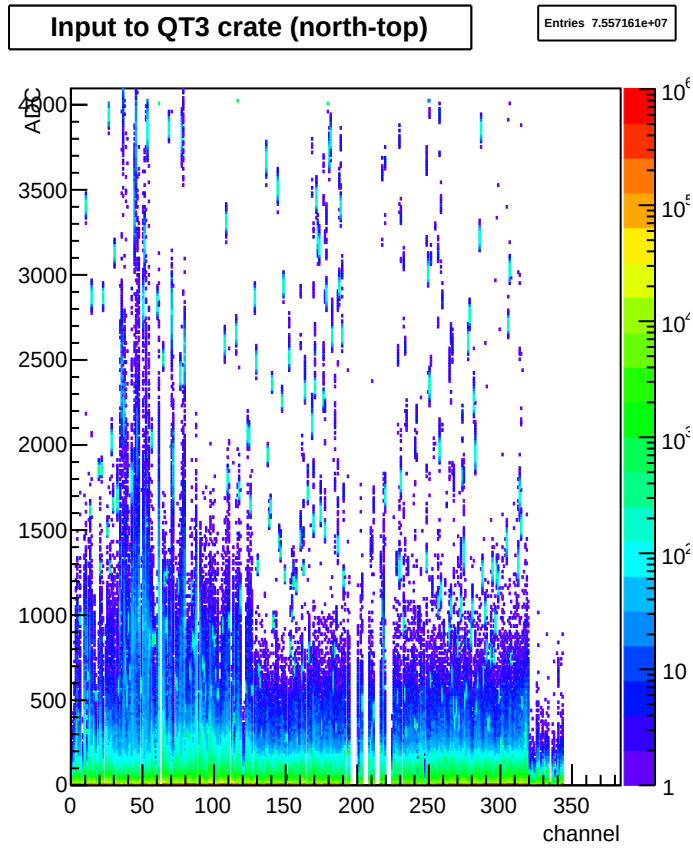

Entries 2035890
BBC-S-East ADC Sum
BBC-S-West ADC Sum

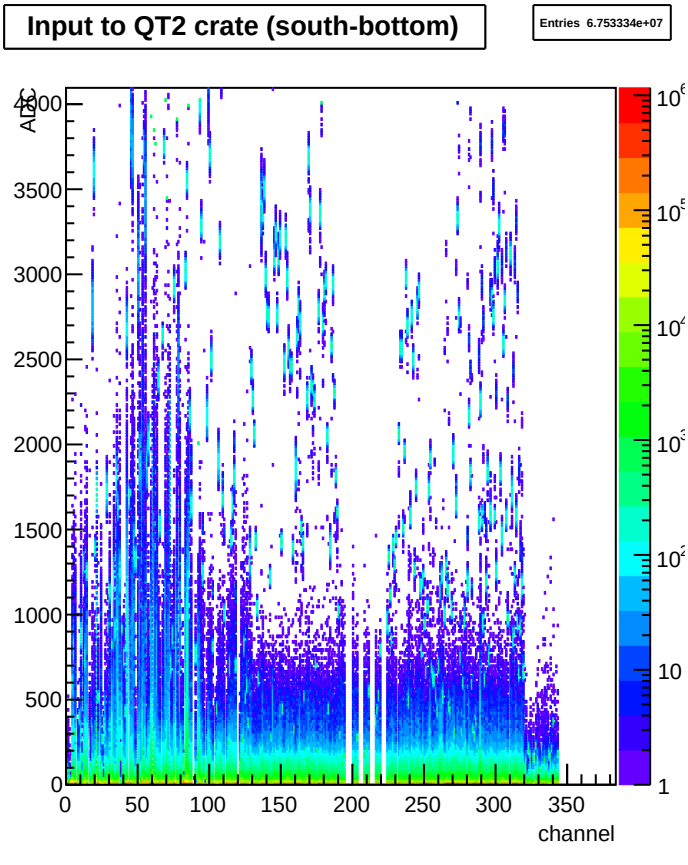

Entries 2035890
ZDC East ADC Sum Att
ZDC West ADC Sum Att

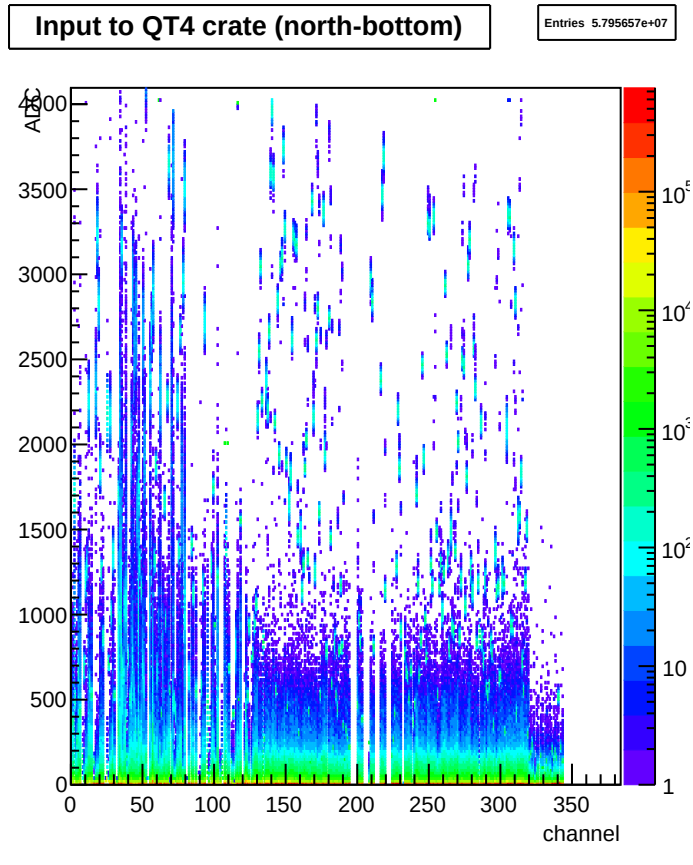

Entries 2035890
VPD East ADC Sum
VPD West ADC Sum

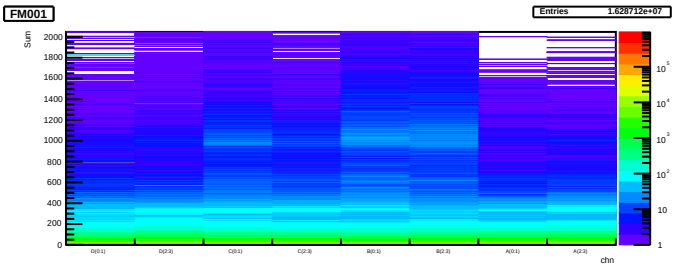

Entries 2035890
BBC-S TAC Diff
ZDC TAC Diff

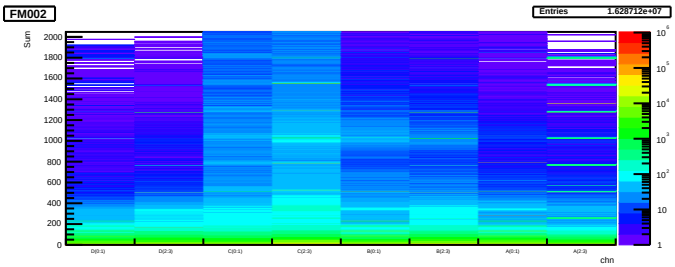

Input to QT1 crate (south-top)
Entries 7.347877e+07
ADC
channel

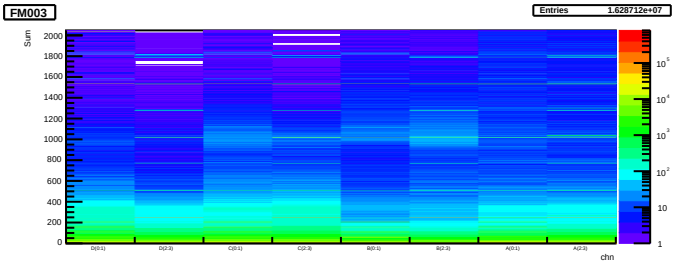

Input to QT3 crate (north-top)
Entries 7.557161e+07
ADC
channel

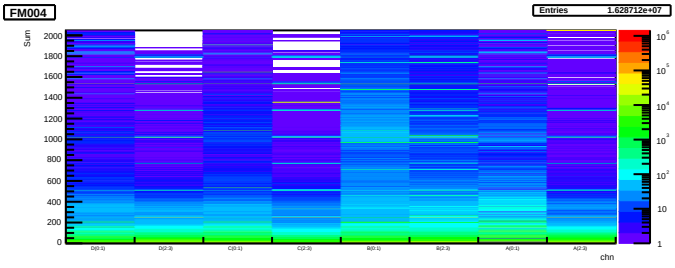

Input to QT2 crate (south-bottom)
Entries 6.753334e+07
ADC
channel

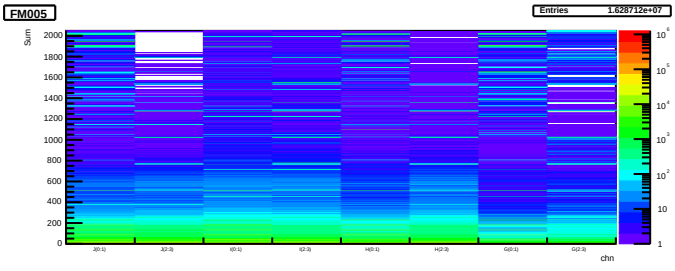

Input to QT4 crate (north-bottom)
Entries 5.795657e+07
ADC
channel

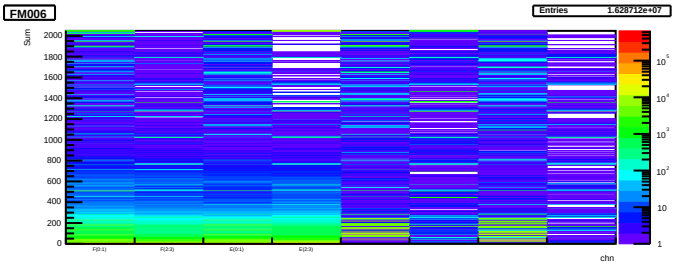

FM001
Entries 1.628712e+07
Sum
chn

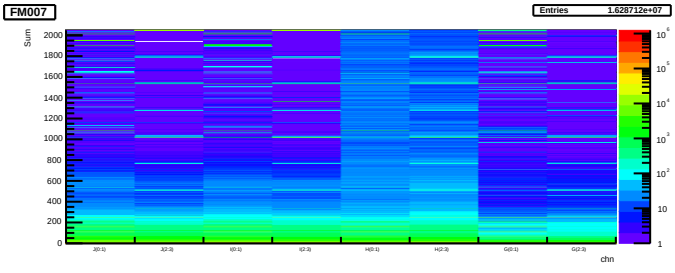

FM002
Entries 1.628712e+07
Sum
chn

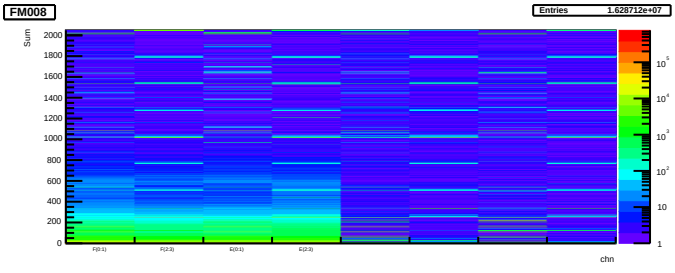

FM003
Entries 1.628712e+07
Sum
chn

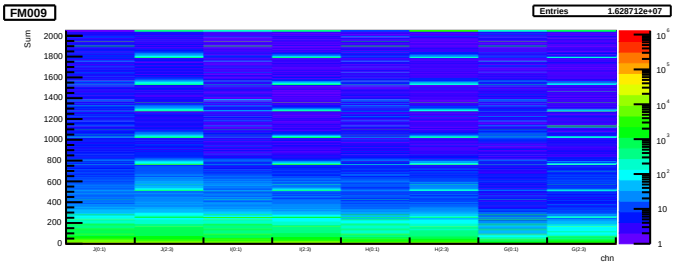

FM004
Entries 1.628712e+07
Sum
chn


FM005
Entries 1.628712e+07
Sum
chn


FM006
Entries 1.628712e+07
Sum
chn


FM007
Entries 1.628712e+07
Sum
chn


FM008
Entries 1.628712e+07
Sum
chn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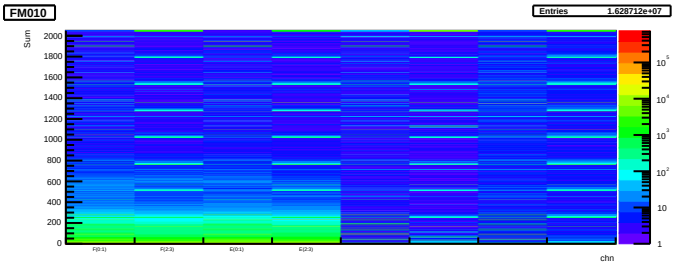
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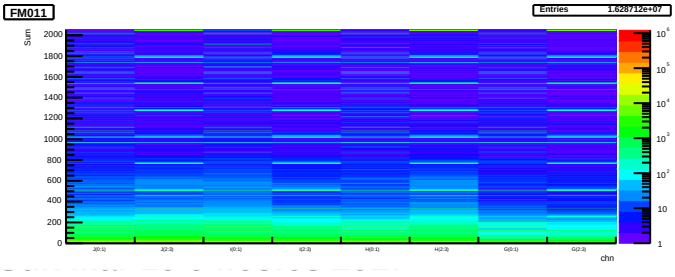
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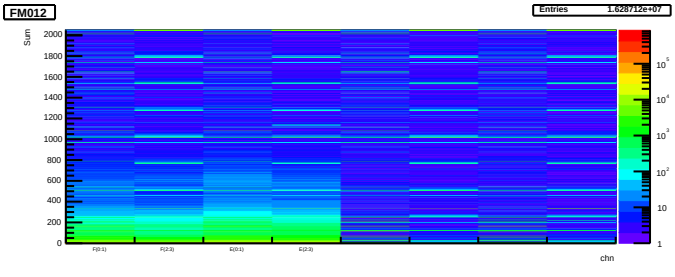
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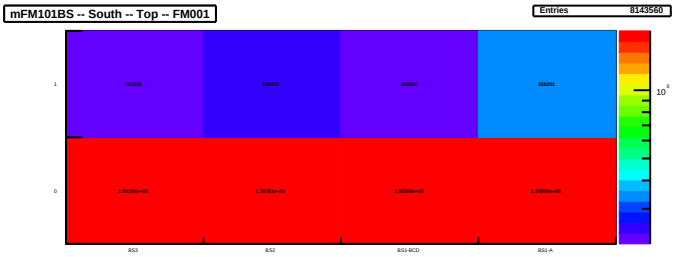
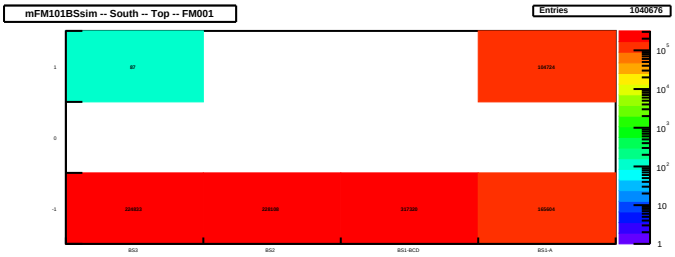

mFM101BS -- South -- Top -- FM001
Entries 8143560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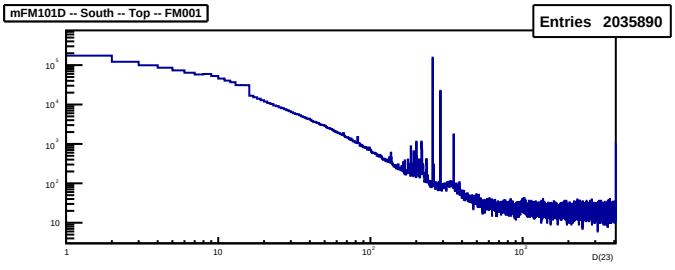
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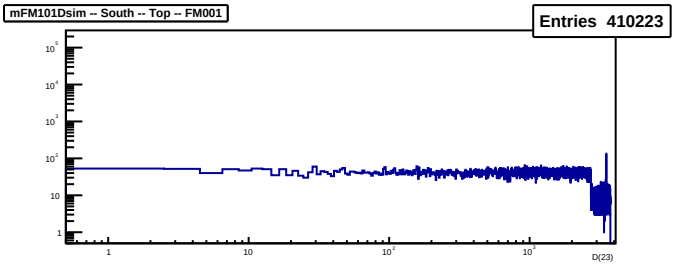
Entries 2035890
D(23)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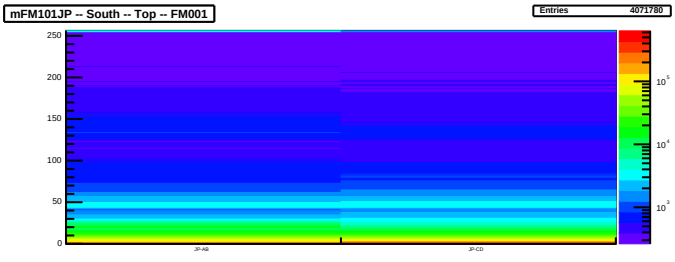
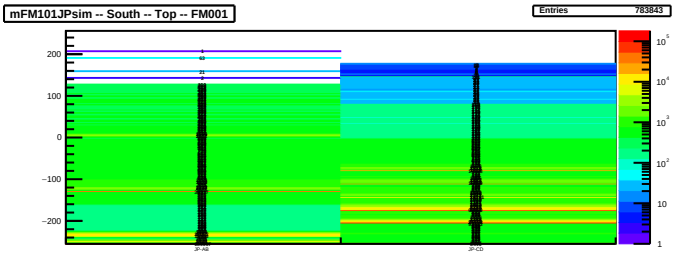

mFM101JP -- South -- Top -- FM001
Entries 4071780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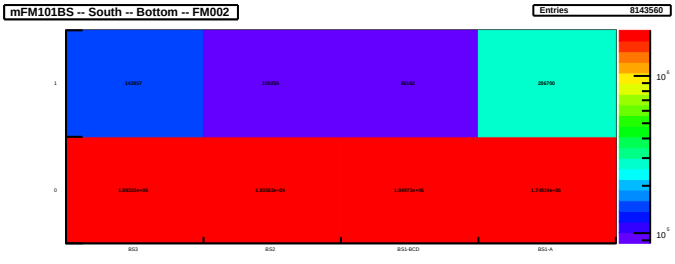
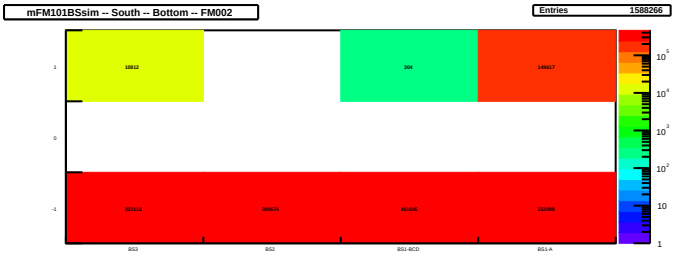

mFM101BS -- South -- Bottom -- FM002
Entries 8143560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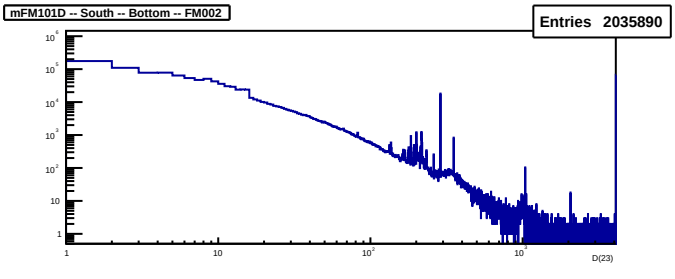
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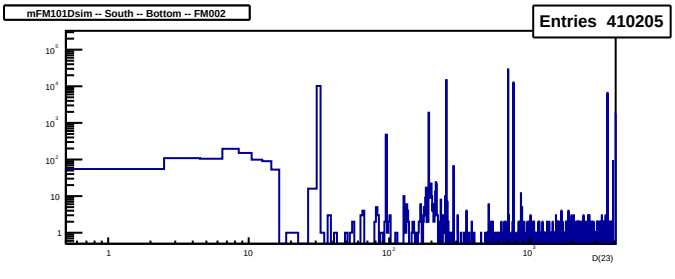
Entries 2035890
D(23)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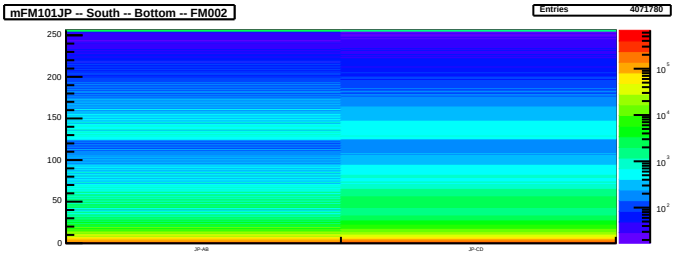
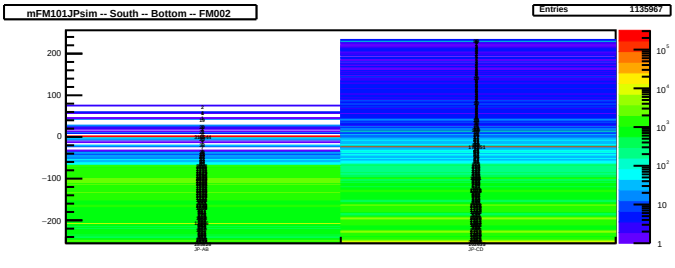
Entries 410205
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 4071780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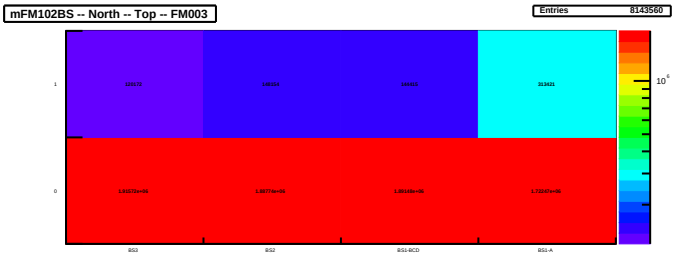
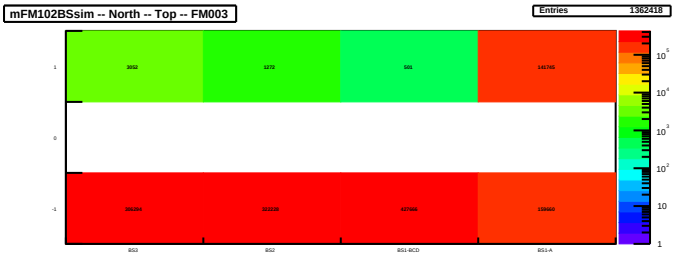

mFM102BS -- North -- Top -- FM003
Entries 8143560
BS3
BS2
BS1-BCD
BS1-A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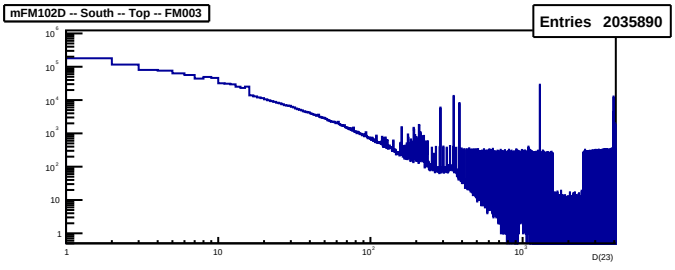
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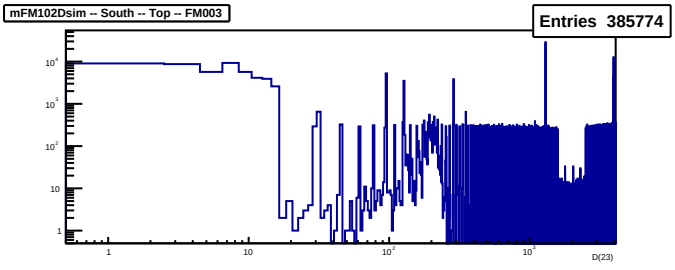
D(23)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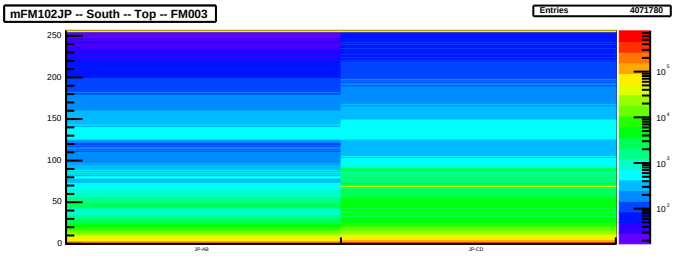
D(23)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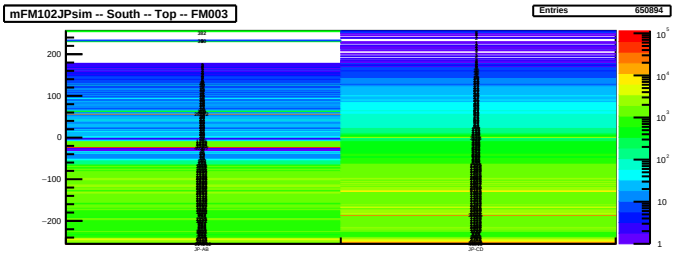
Entries 4071780
JP-AB
JP-CD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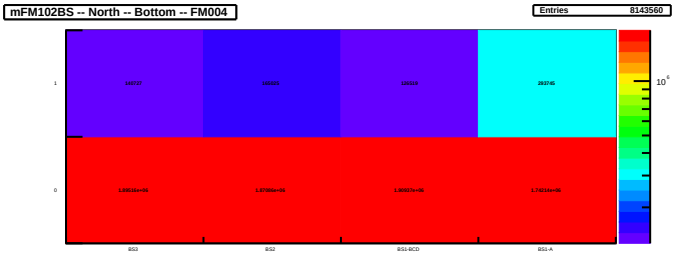
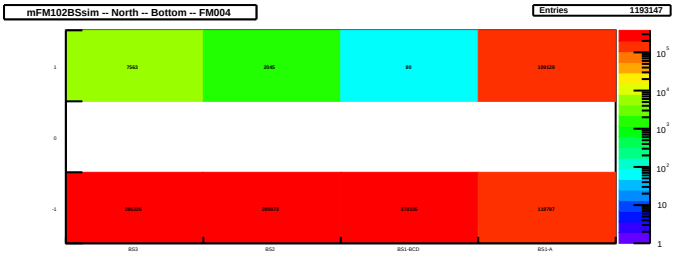
Entries 650894
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 8143560
BS3
BS2
BS1-BCD
BS1-A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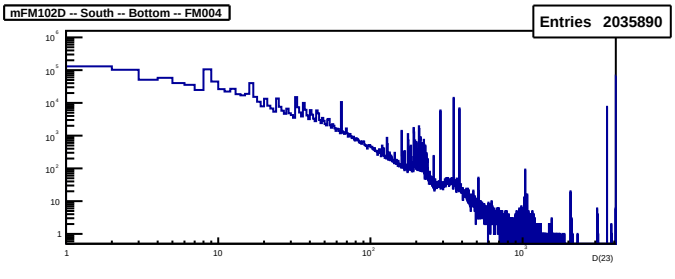
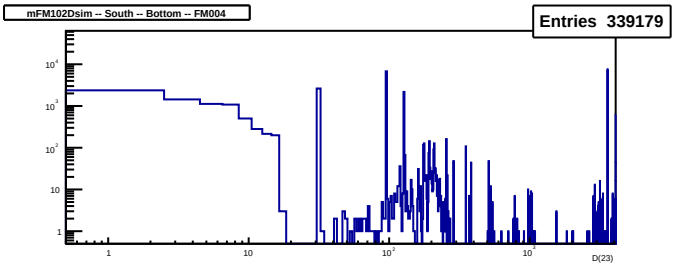
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 2035890
D(23)


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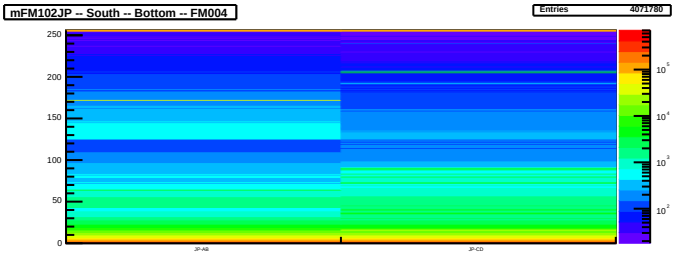
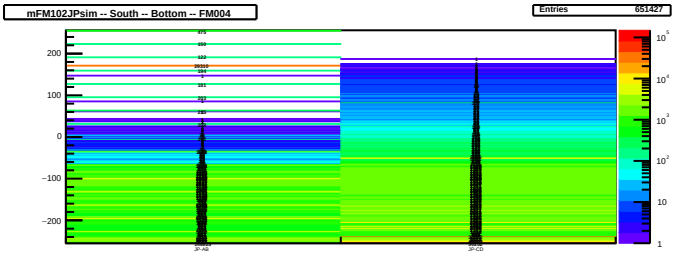
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 4071780
JP-AB
JP-CD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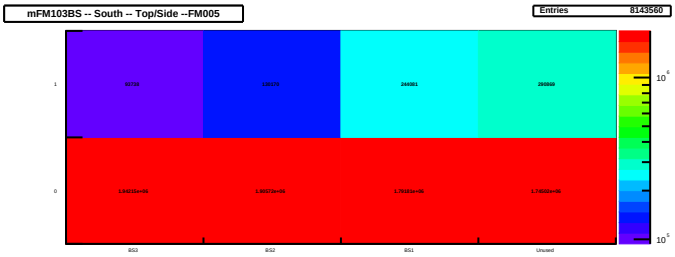
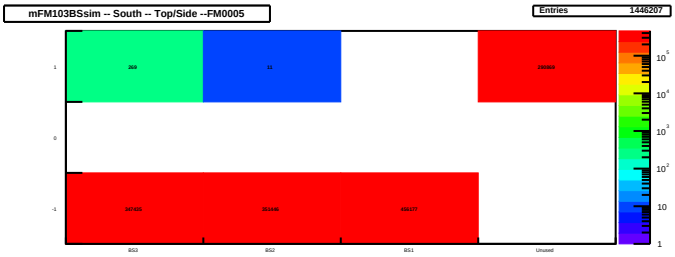
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 8143560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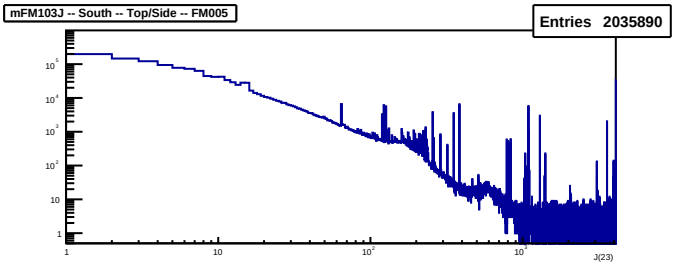
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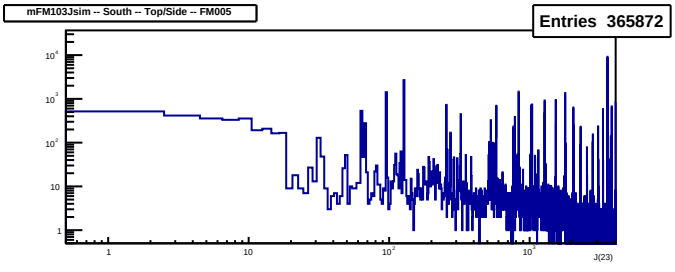
Entries 2035890
J(23)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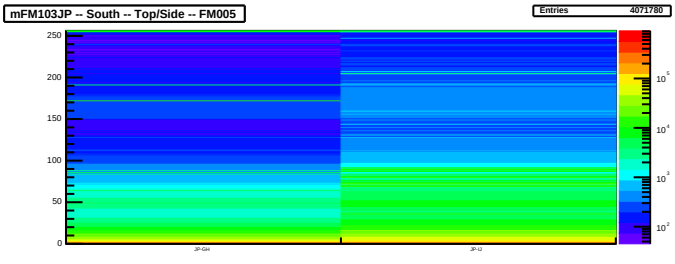
J(23)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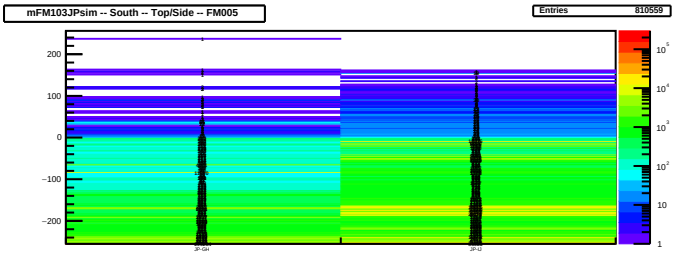
Entries 4071780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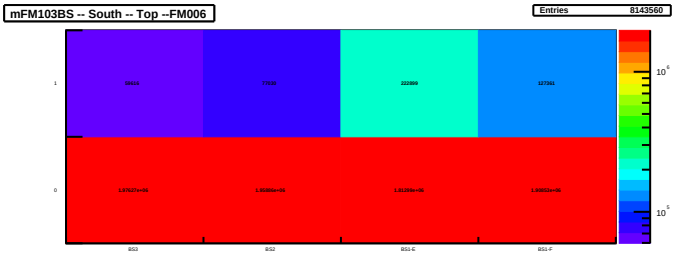
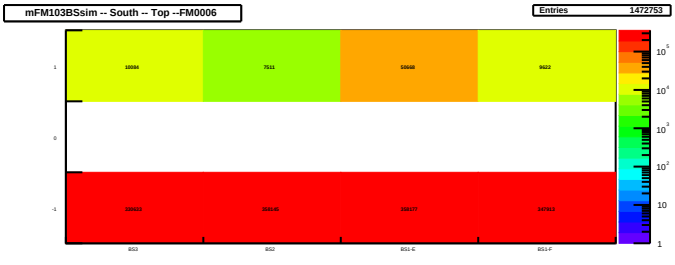
Entries 810559


mFM103BS -- South -- Top --FM006
Entries 8143560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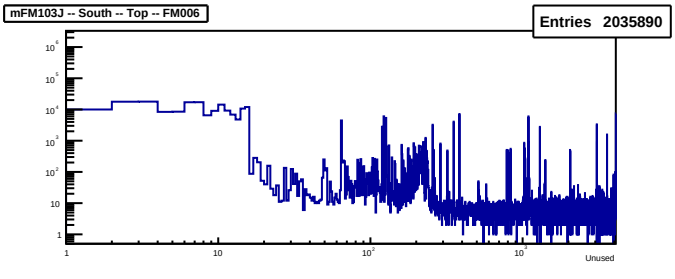
mFM103J -- South -- Top -- FM006
Entries 2035890
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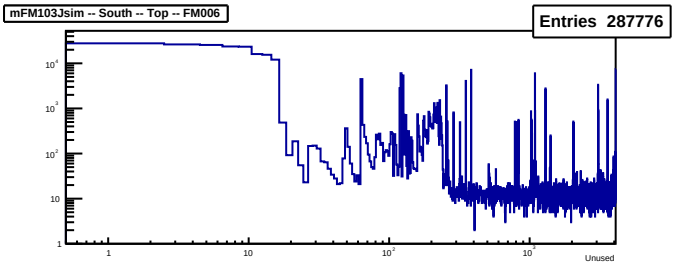
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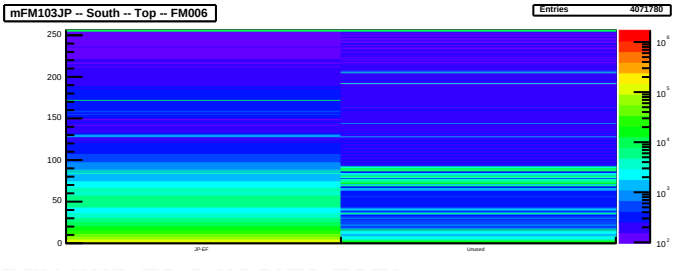
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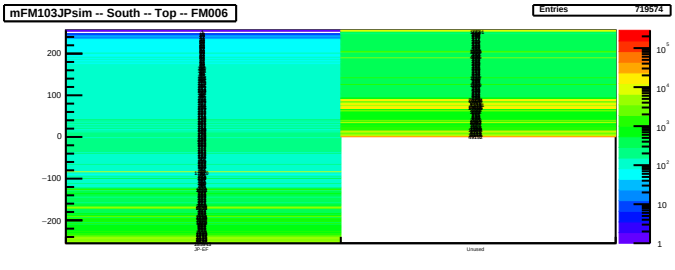
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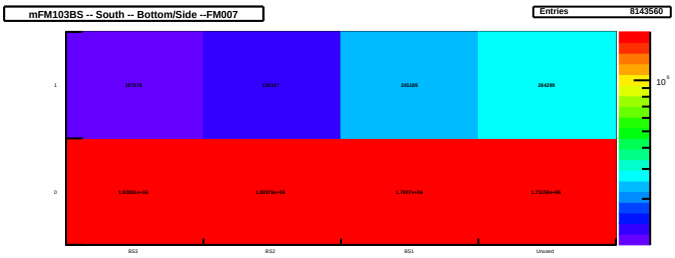
mFM103BS -- South -- Bottom/Side --FM007
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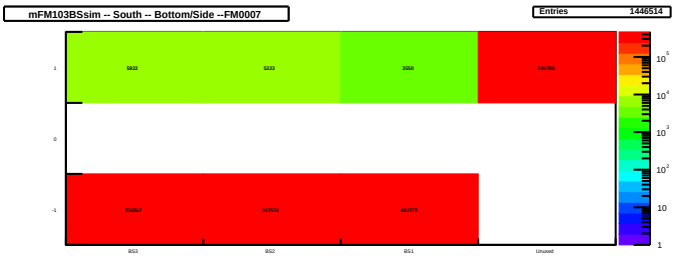
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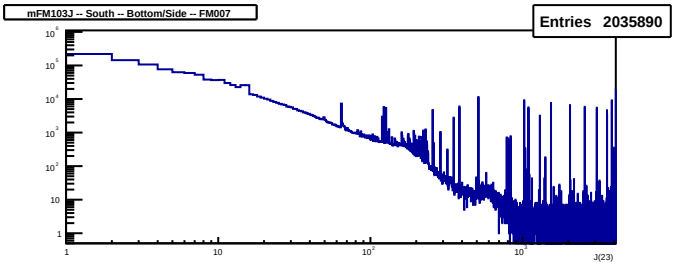
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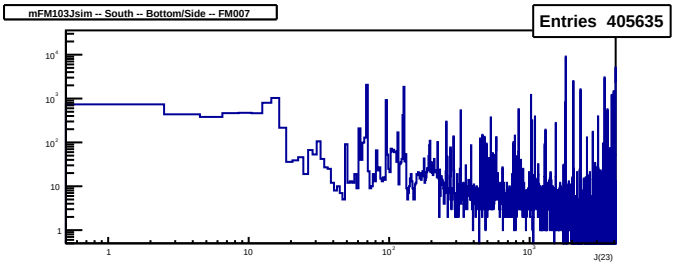
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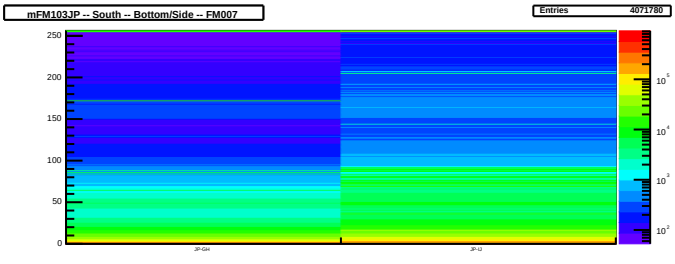
J(23)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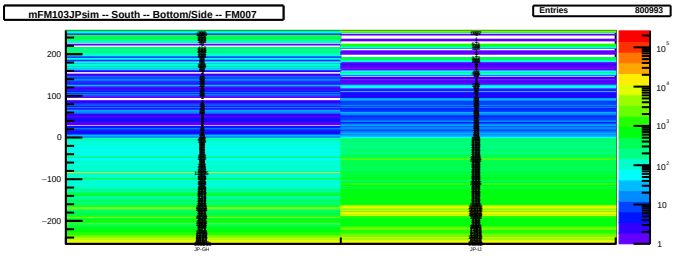
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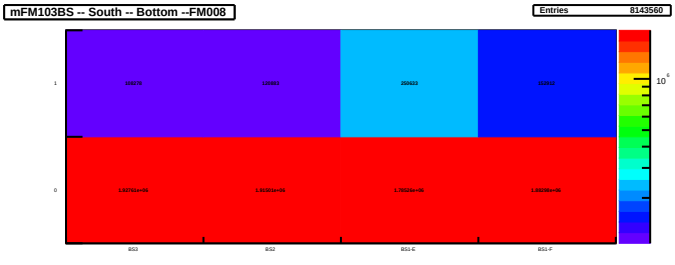
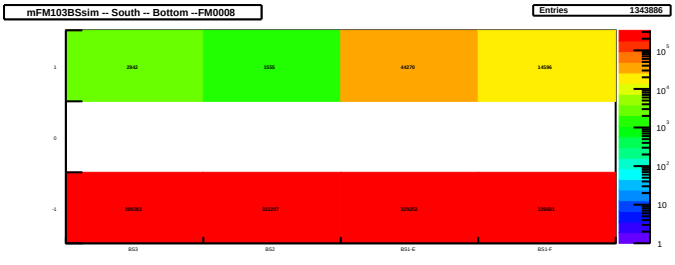

mFM103BS -- South -- Bottom --FM008
Entries 8143560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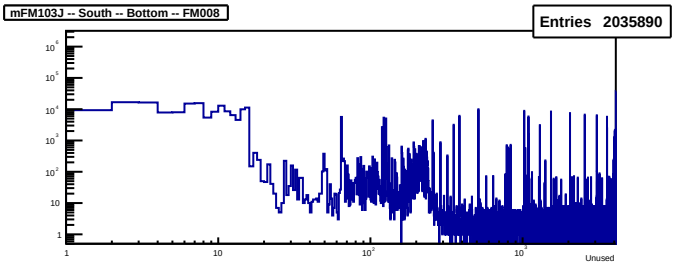
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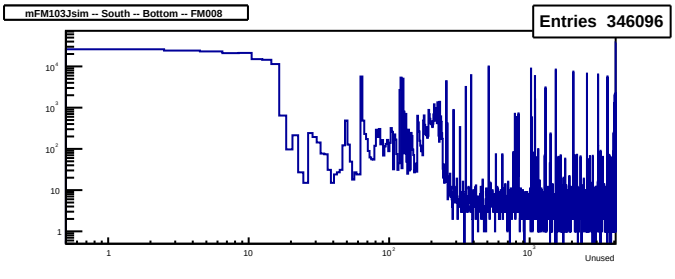
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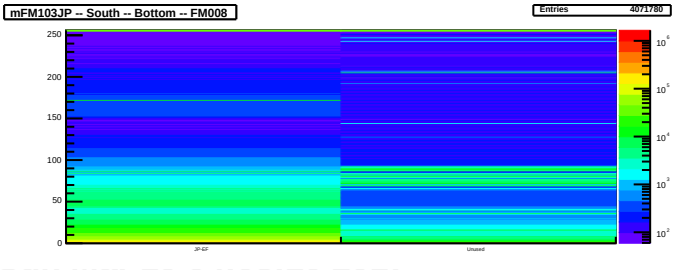
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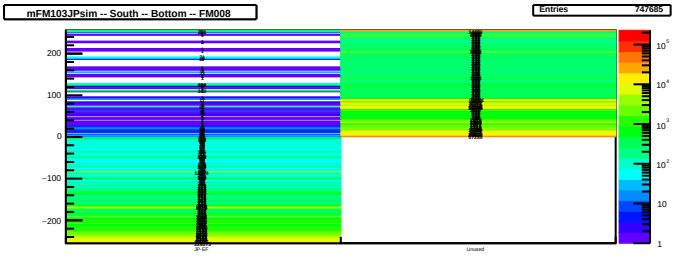
Entries 4071780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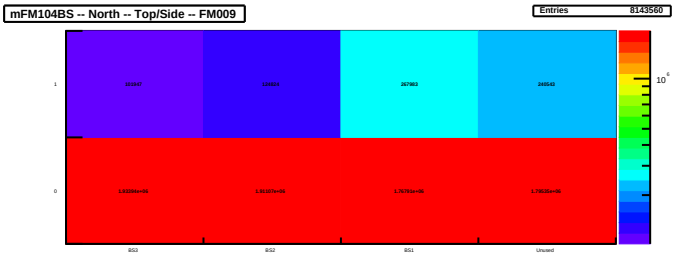
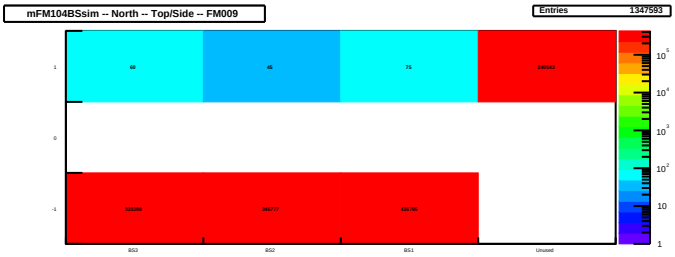
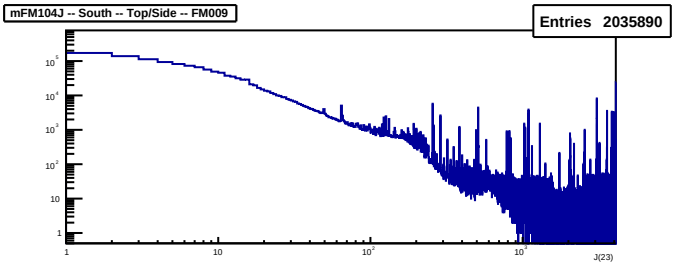
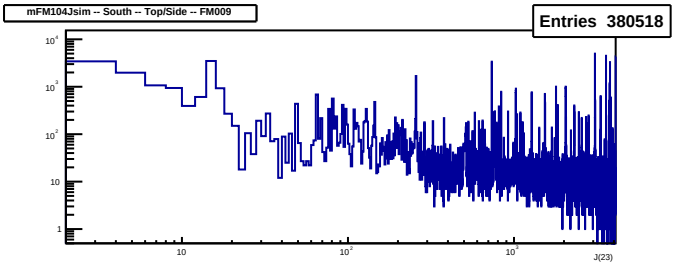
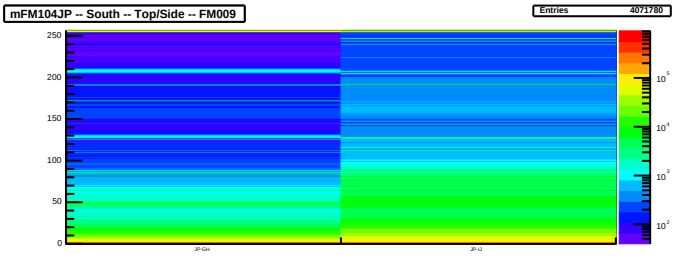
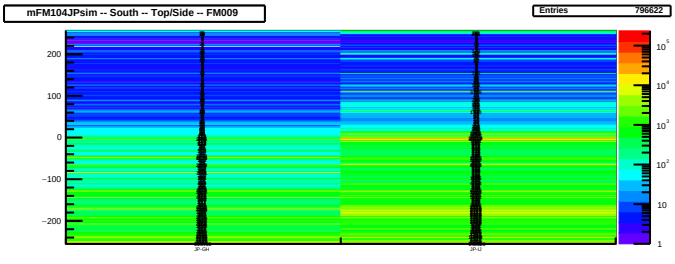

mFM104BS -- North -- Top/Side -- FM009
Entries 8143560

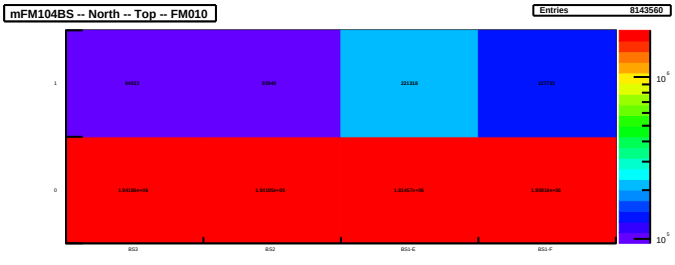

mFM104BSsim -- North -- Top/Side -- FM009
Entries 1347593

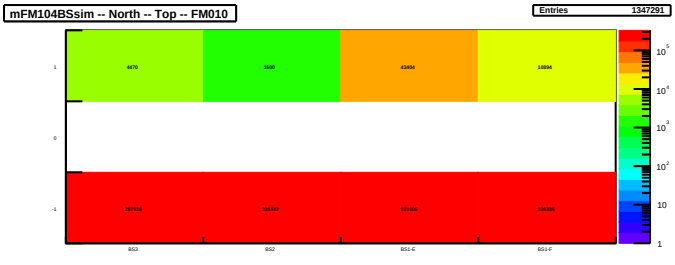

mFM104J -- South -- Top/Side -- FM009
Entries 2035890
J(23)

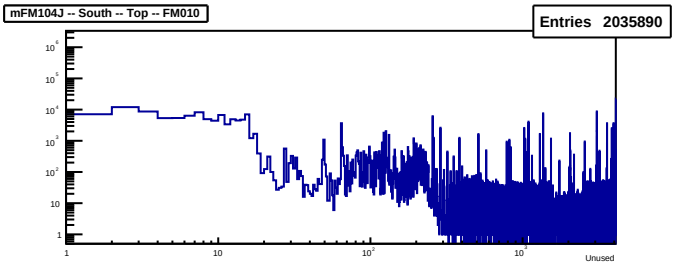

mFM104Jsim -- South -- Top/Side -- FM009
Entries 380518
J(23)

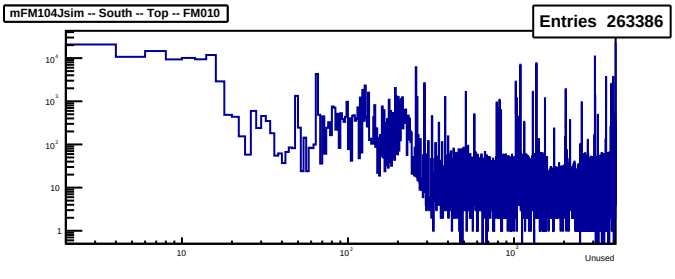

mFM104JP -- South -- Top/Side -- FM009
Entries 4071780

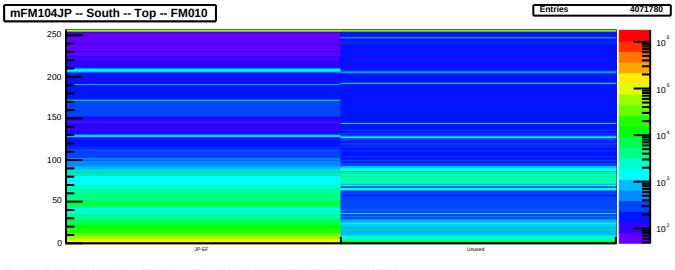

mFM104JPsim -- South -- Top/Side -- FM009
Entries 796622

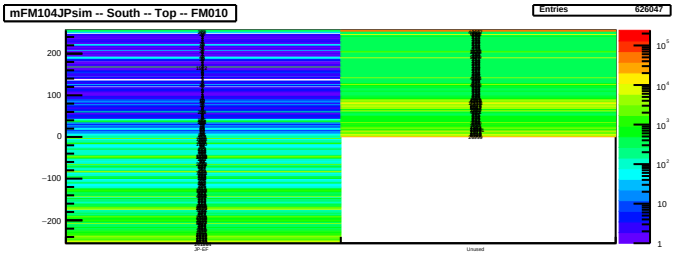

mFM104BS -- North -- Top -- FM010
Entries 8143560

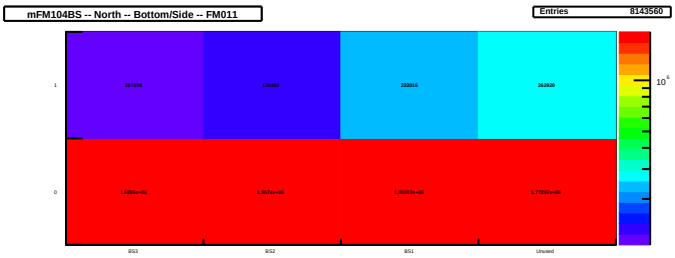

mFM104BSsim -- North -- Top -- FM010
Entries 1347291

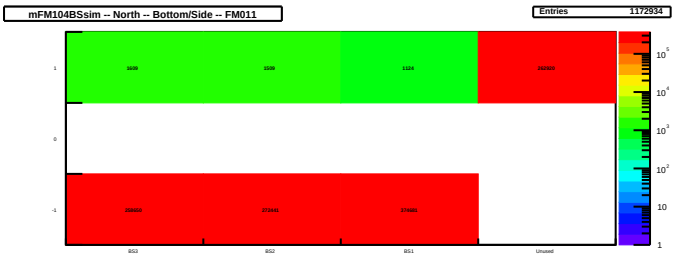

mFM104J -- South -- Top -- FM010
Entries 2035890
Unused

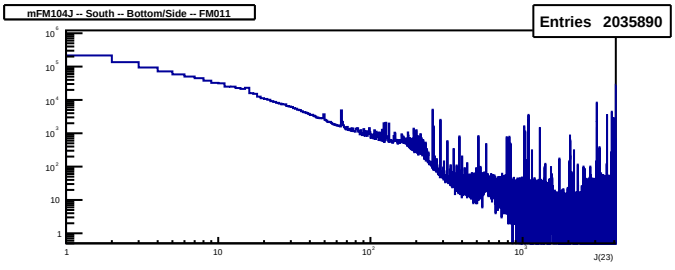

mFM104Jsim -- South -- Top -- FM010
Entries 263386
Unused

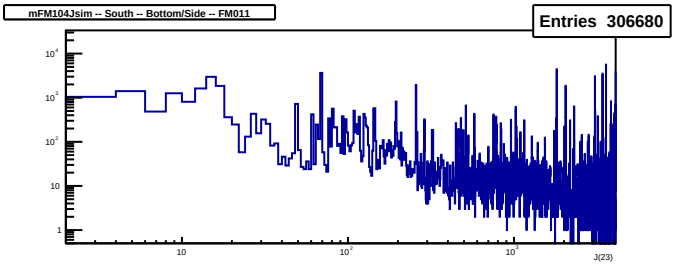

mFM104JP -- South -- Top -- FM010
Entries 4071780

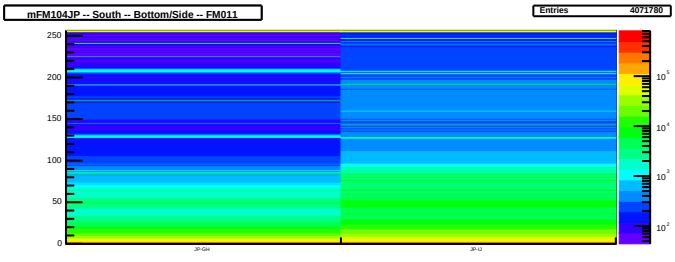

mFM104JPsim -- South -- Top -- FM010
Entries 626047

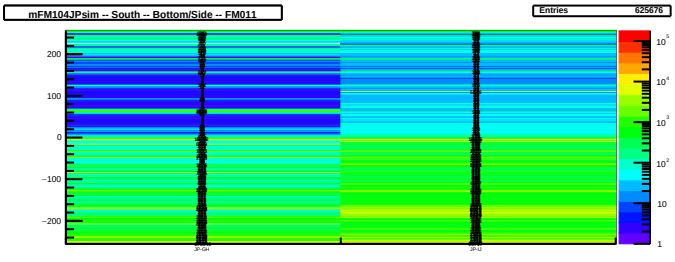

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8143560

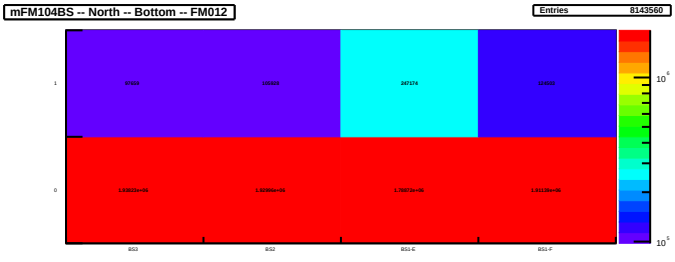

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1172934

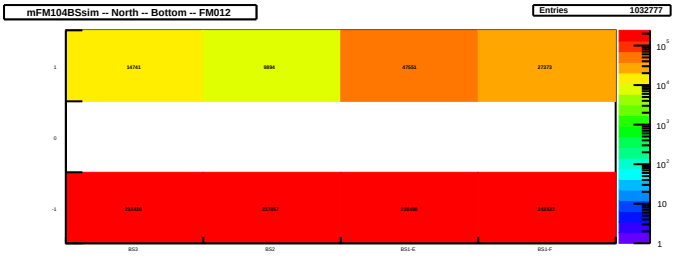

mFM104J -- South -- Bottom/Side -- FM011
Entries 2035890
J(23)

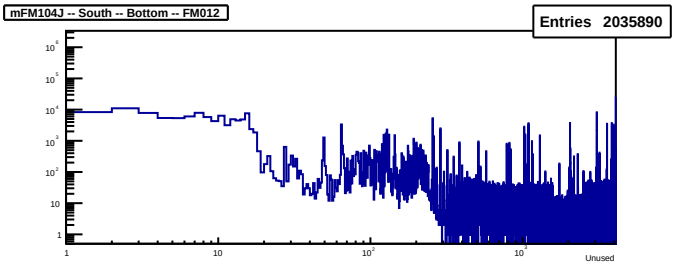

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 306680
J(23)

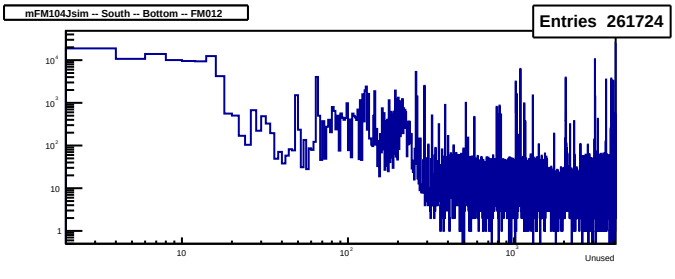

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4071780

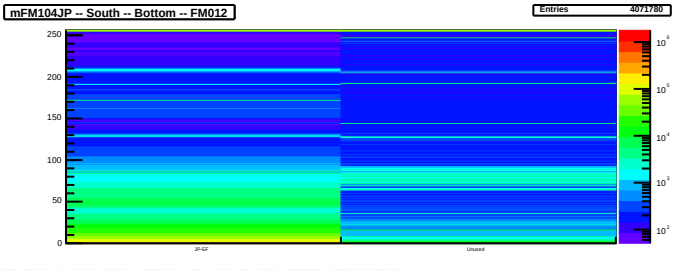

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 625676

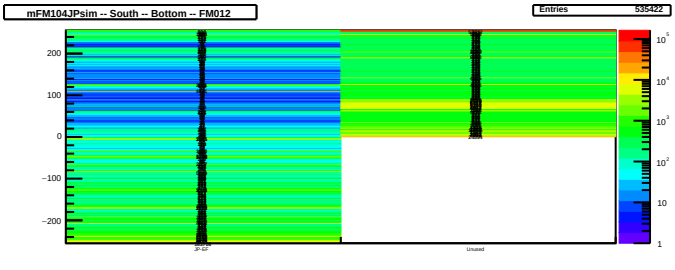

mFM104BS -- North -- Bottom -- FM012
Entries 8143560

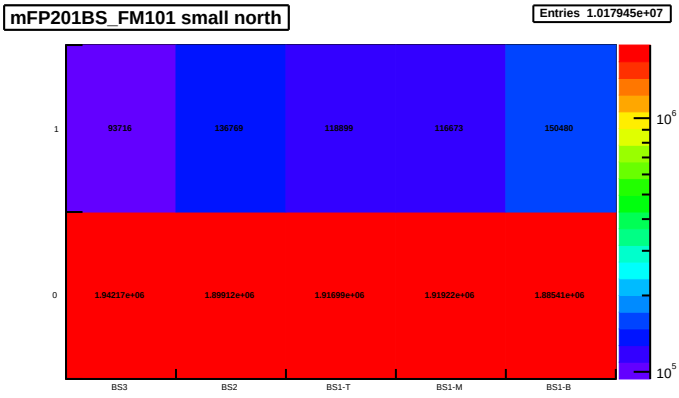

mFM104BSsim -- North -- Bottom -- FM012
Entries 1032777

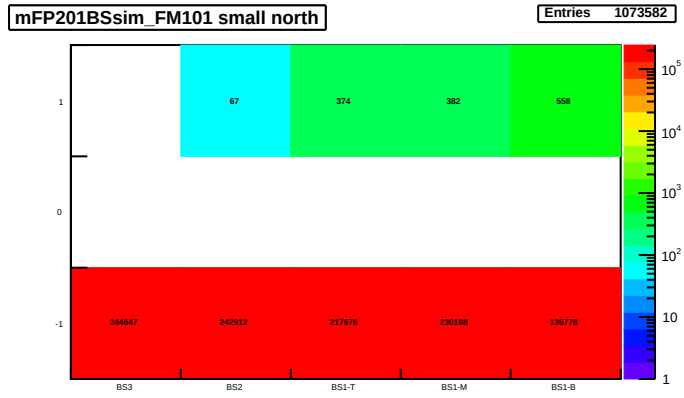

mFM104J -- South -- Bottom -- FM012
Entries 2035890
Unused

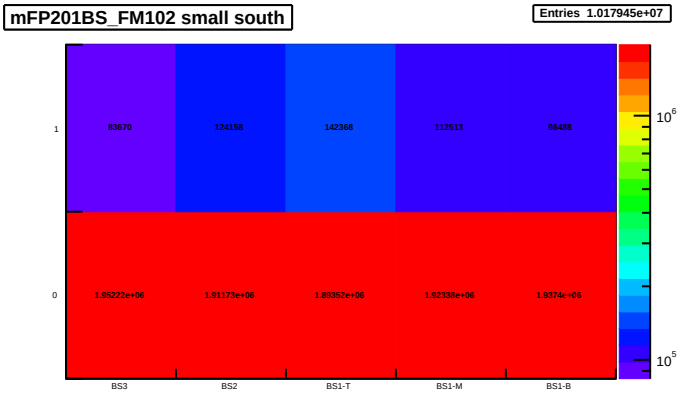

mFM104Jsim -- South -- Bottom -- FM012
Entries 261724
Unused

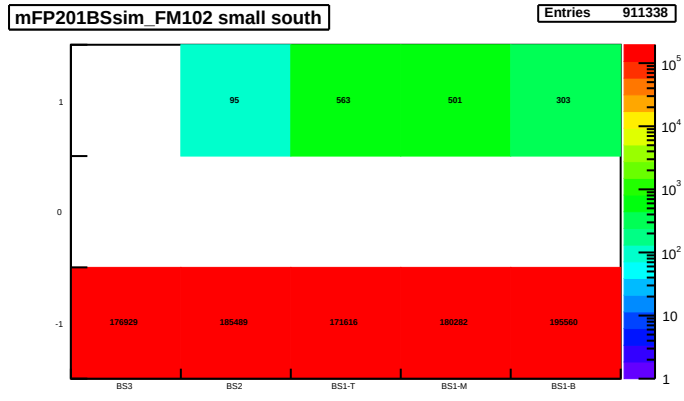

mFM104JP -- South -- Bottom -- FM012
Entries 4071780

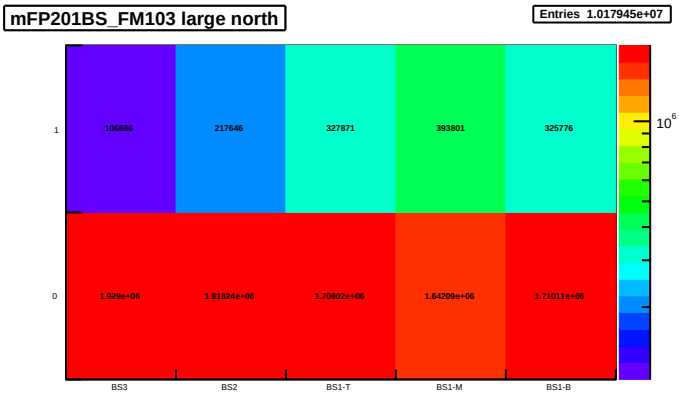

mFM104JPsim -- South -- Bottom -- FM012
Entries 535422

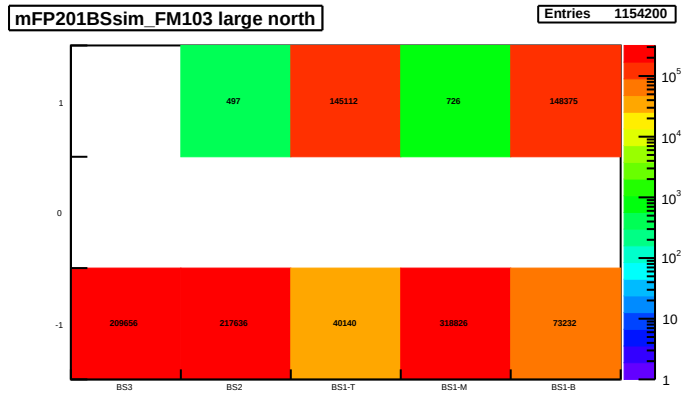

mFP201BS_FM101 small north
Entries 1.017945e+07
93716
136769
118899
116673
150480
1.94217e+06
1.89912e+06
1.91699e+06
1.91922e+06
1.88541e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

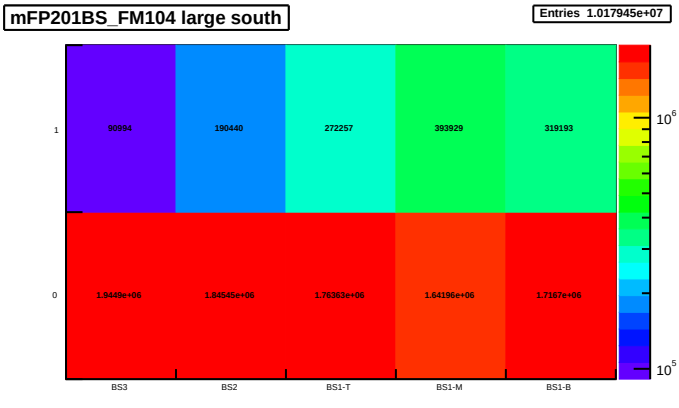

mFP201BSsim_FM101 small north
Entries 1073582
67
374
382
558
244647
242912
217676
230188
136778
BS3
BS2
BS1-T
BS1-M
BS1-B

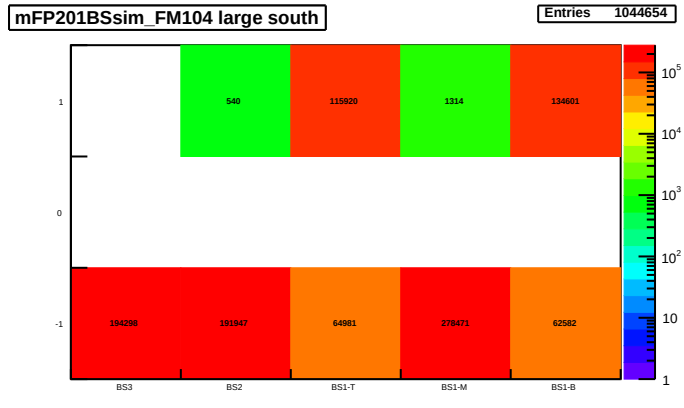

mFP201BS_FM102 small south
Entries 1.017945e+07
83670
124158
142368
112513
98488
1.95222e+06
1.91173e+06
1.89352e+06
1.92338e+06
1.9374e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

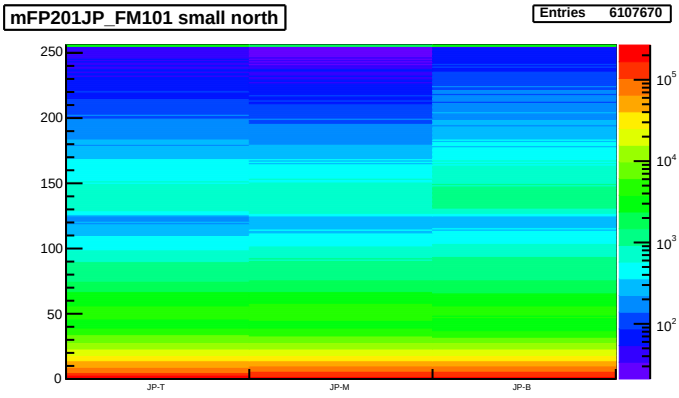

mFP201BSsim_FM102 small south
Entries 911338
95
563
501
303
176929
185489
171616
180282
195560
BS3
BS2
BS1-T
BS1-M
BS1-B

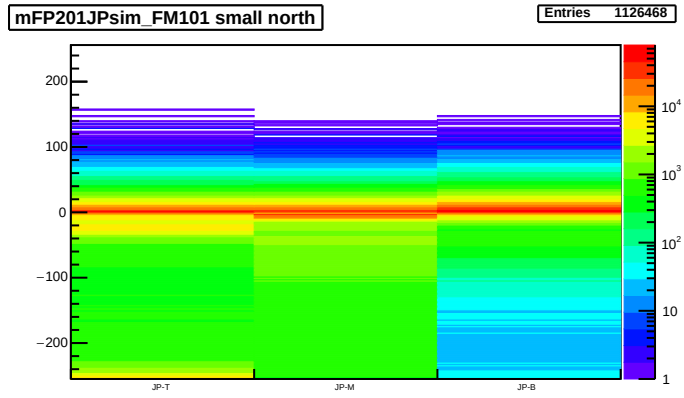

mFP201BS_FM103 large north
Entries 1.017945e+07
106886
217646
327871
393801
325776
1.929e+06
1.81824e+06
1.70802e+06
1.64209e+06
1.71011e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

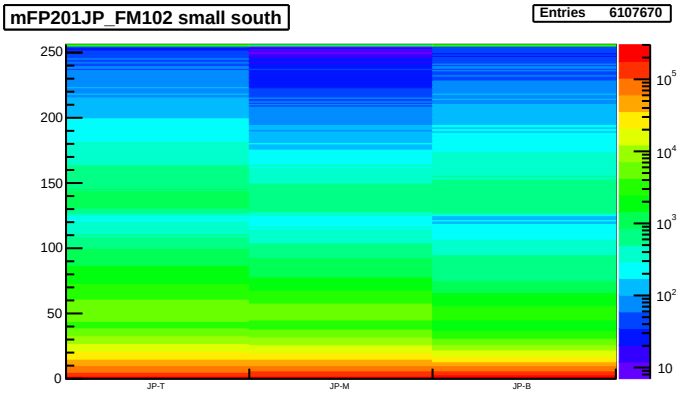

mFP201BSsim_FM103 large north
Entries 1154200
497
145112
726
148375
209656
217636
40140
318826
73232
BS3
BS2
BS1-T
BS1-M
BS1-B

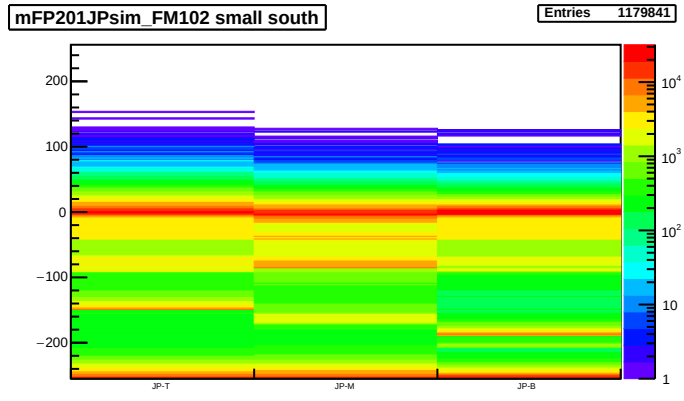

mFP201BS_FM104 large south
Entries 1.017945e+07
90994
190440
272257
393929
319193
1.9449e+06
1.84545e+06
1.76363e+06
1.64196e+06
1.7167e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

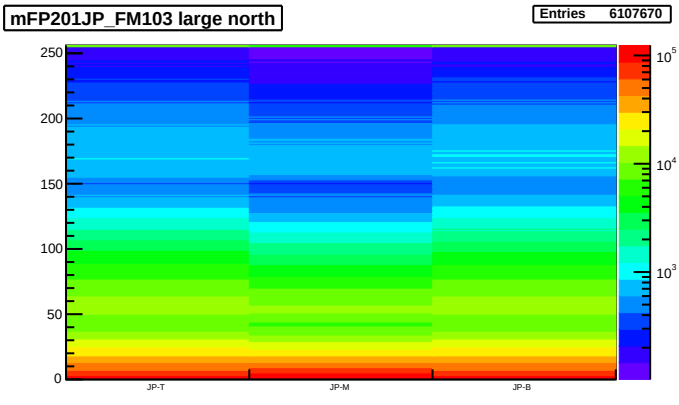

mFP201BSsim_FM104 large south
Entries 1044654
540
115920
1314
134601
194298
191947
64981
278471
62582
BS3
BS2
BS1-T
BS1-M
BS1-B

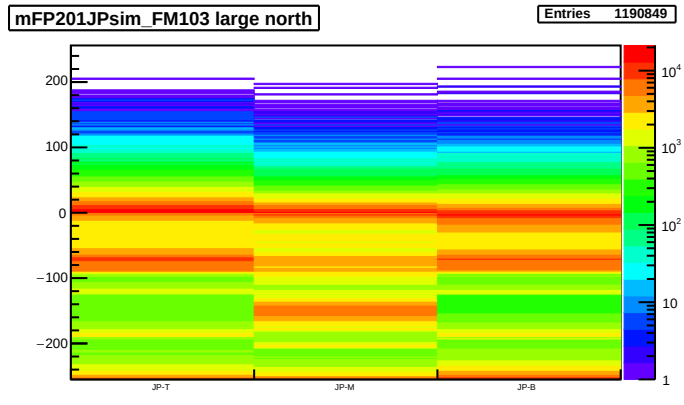

mFP201JP_FM101 small north
Entries 6107670
JP-T
JP-M
JP-B

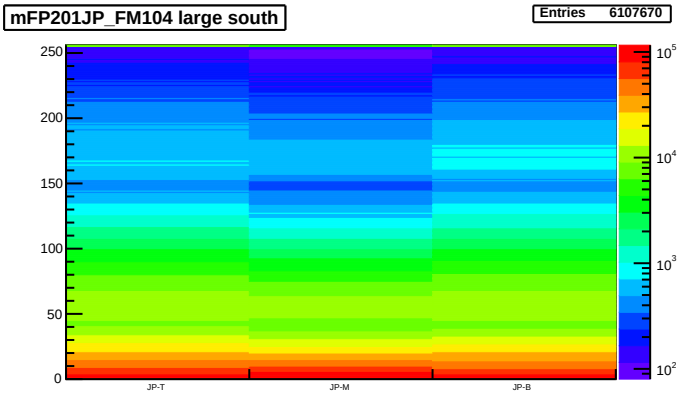

mFP201JPsim_FM101 small north
Entries 1126468
JP-T
JP-M
JP-B

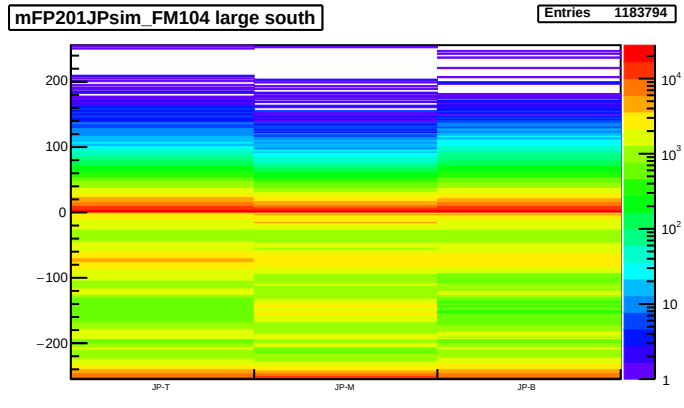

mFP201JP_FM102 small south
Entries 6107670
JP-T
JP-M
JP-B

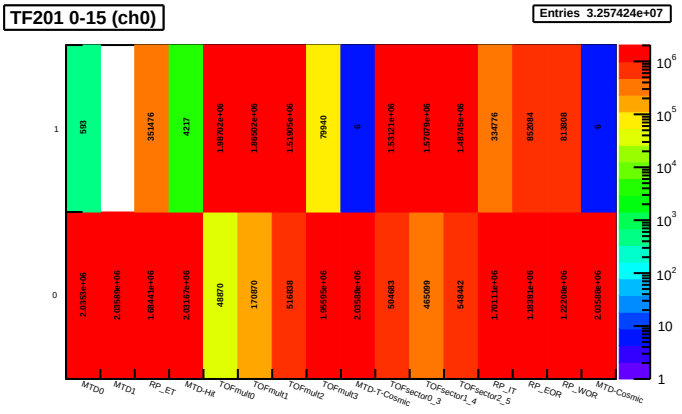

mFP201JPsim_FM102 small south
Entries 1179841
JP-T
JP-M
JP-B

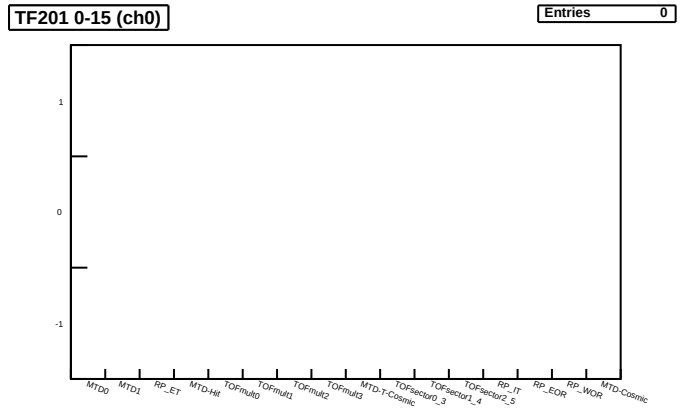

mFP201JP_FM103 large north
Entries 6107670
JP-T
JP-M
JP-B

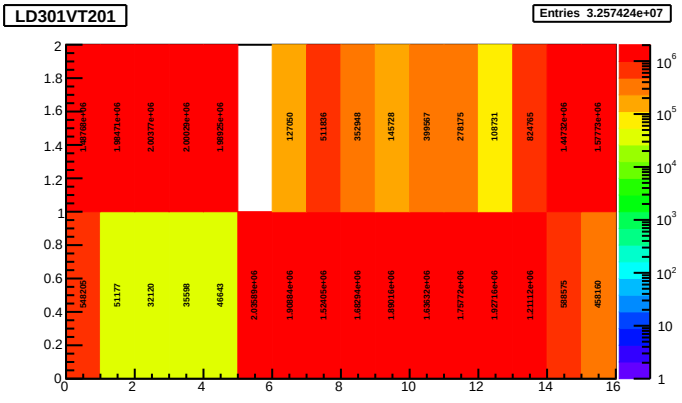

mFP201JPsim_FM103 large north
Entries 1190849
JP-T
JP-M
JP-B

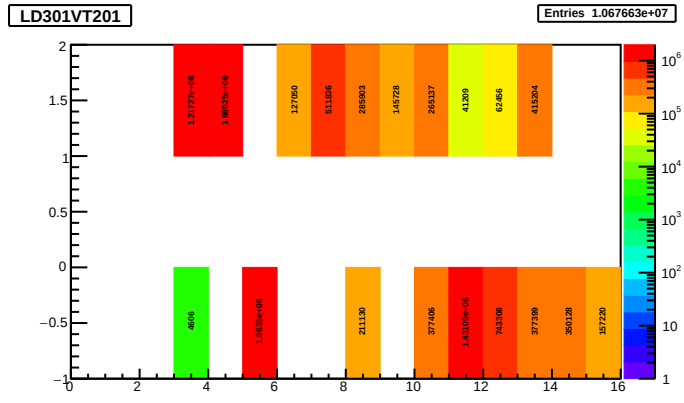

mFP201JP_FM104 large south
Entries 6107670
JP-T
JP-M
JP-B

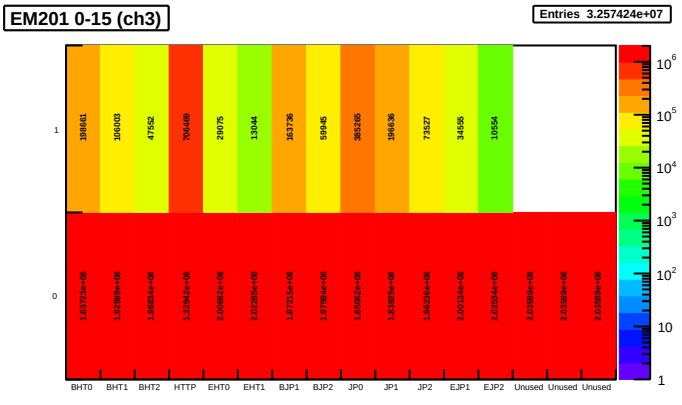

mFP201JPsim_FM104 large south
Entries 1183794
JP-T
JP-M
JP-B

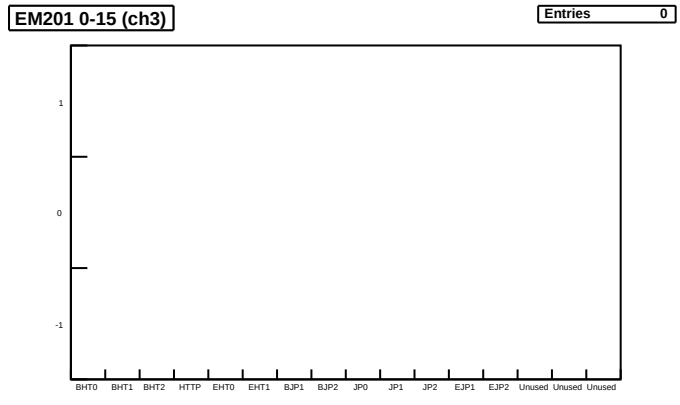

TF201 0-15 (ch0)
Entries 3.257424e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

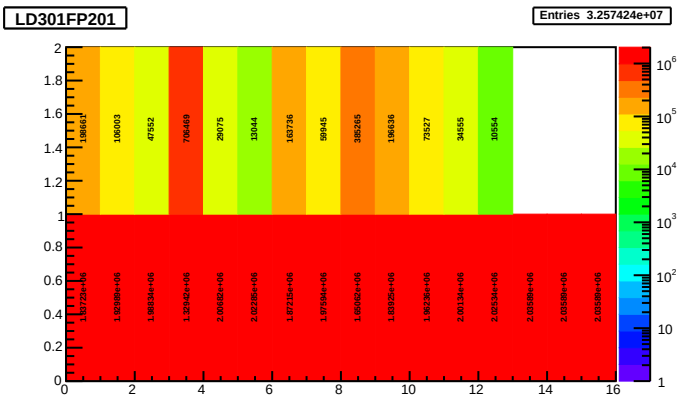

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

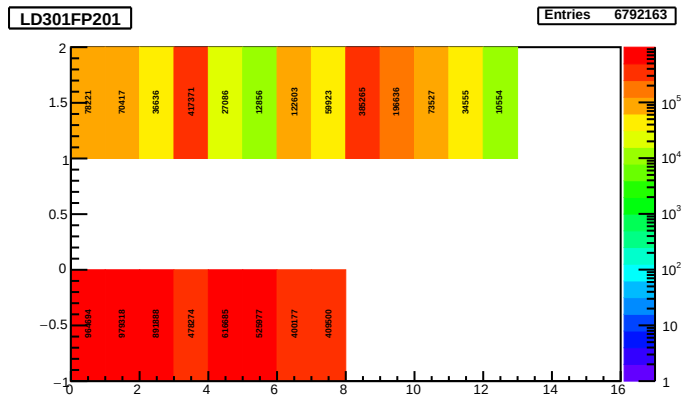

LD301VT201
Entries 3.257424e+07


LD301VT201
Entries 1.067663e+07


EM201 0-15 (ch3)
Entries 3.257424e+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 3.257424e+07


LD301FP201
Entries 6792163