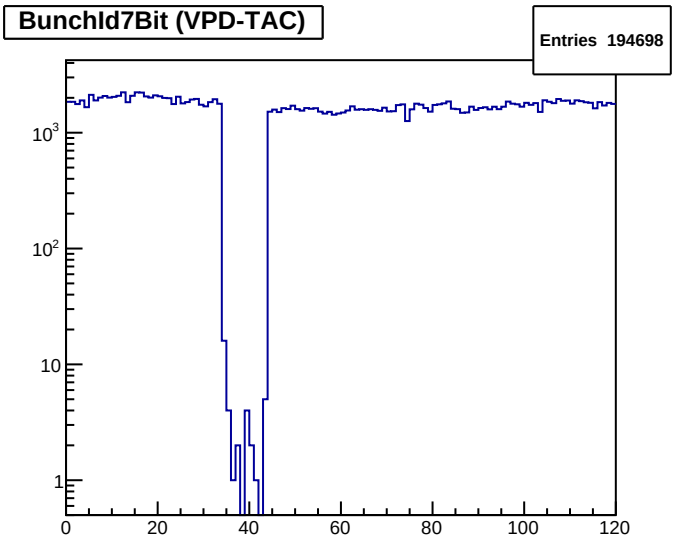
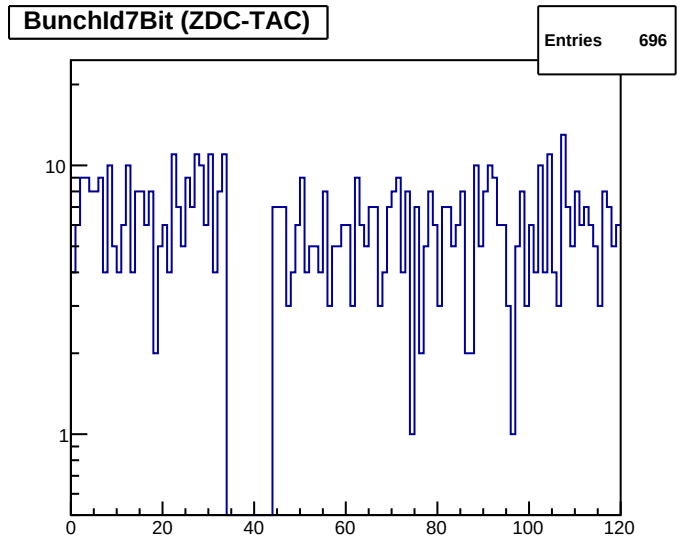
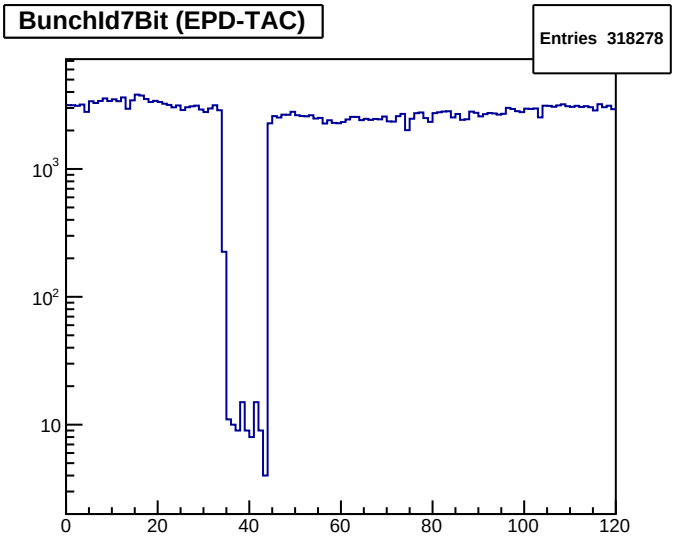
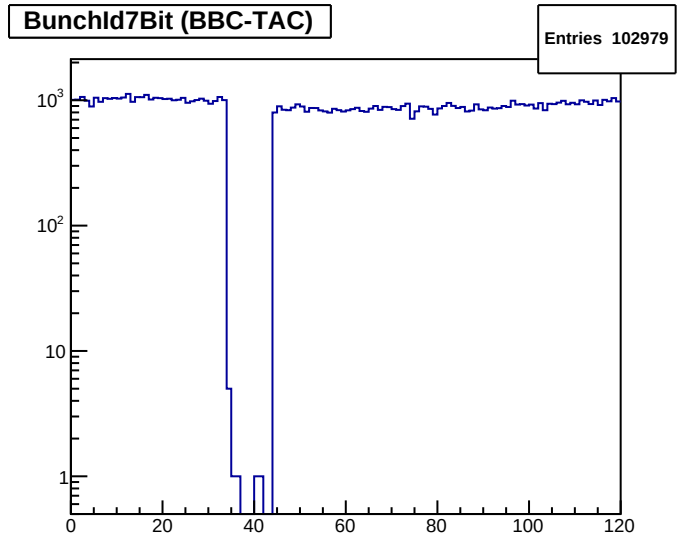
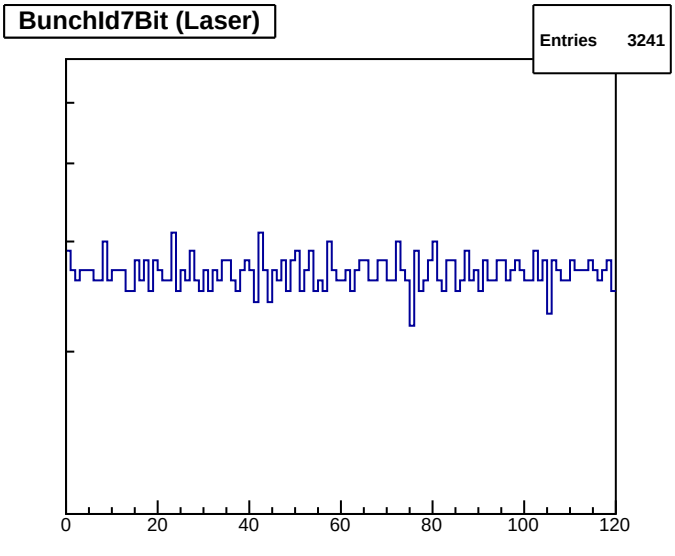
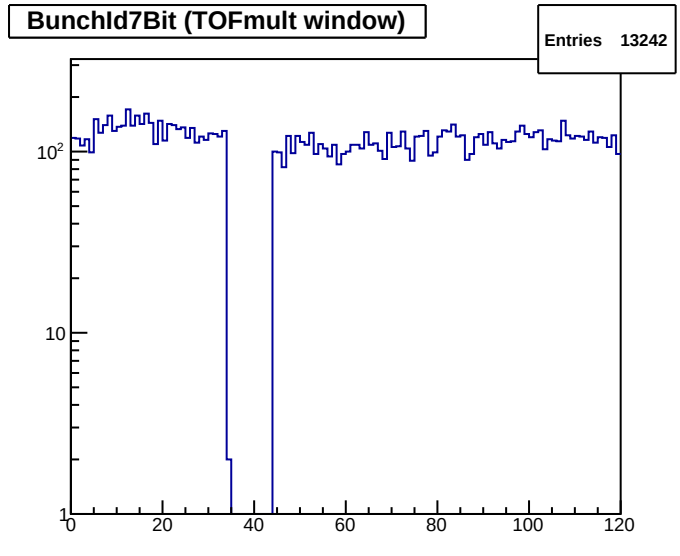

BunchId7Bit (VPD-TAC)
Entries 194698

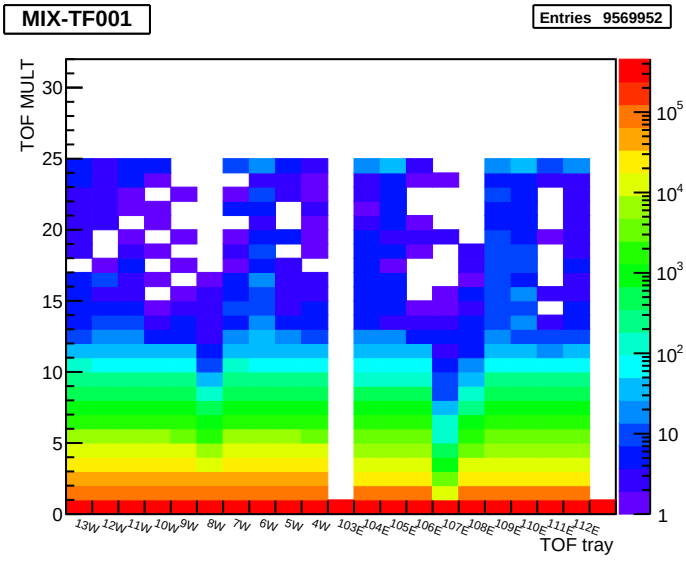

BunchId7Bit (ZDC-TAC)
Entries 696

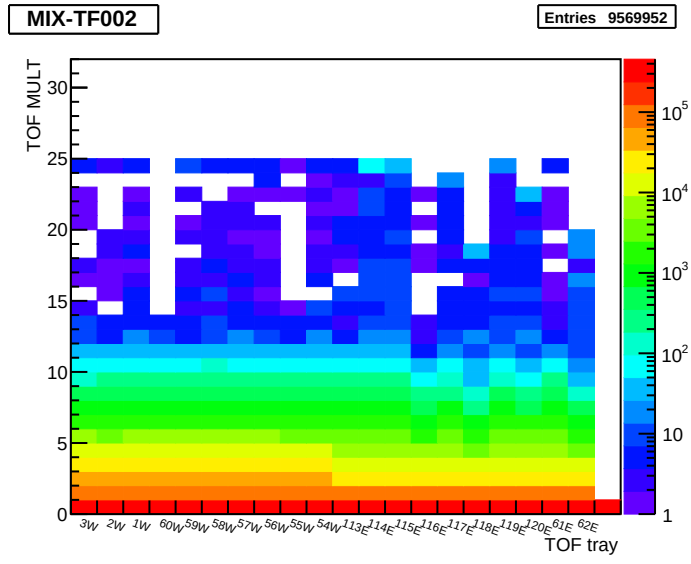

BunchId7Bit (EPD-TAC)
Entries 318278

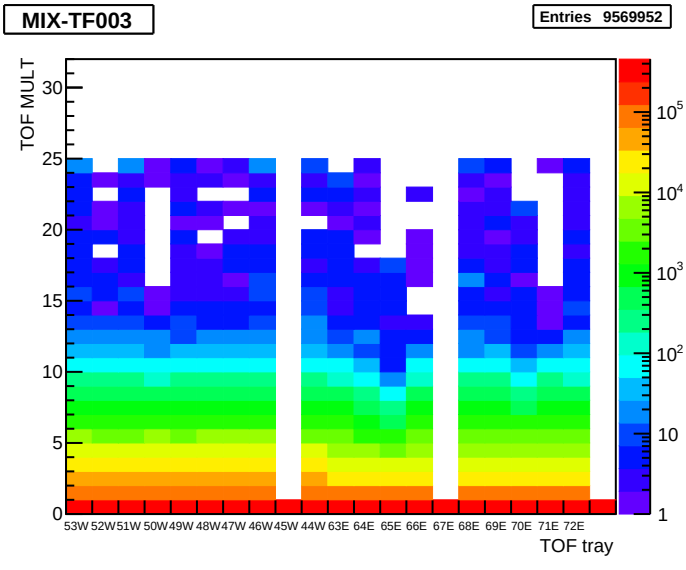

BunchId7Bit (BBC-TAC)
Entries 102979

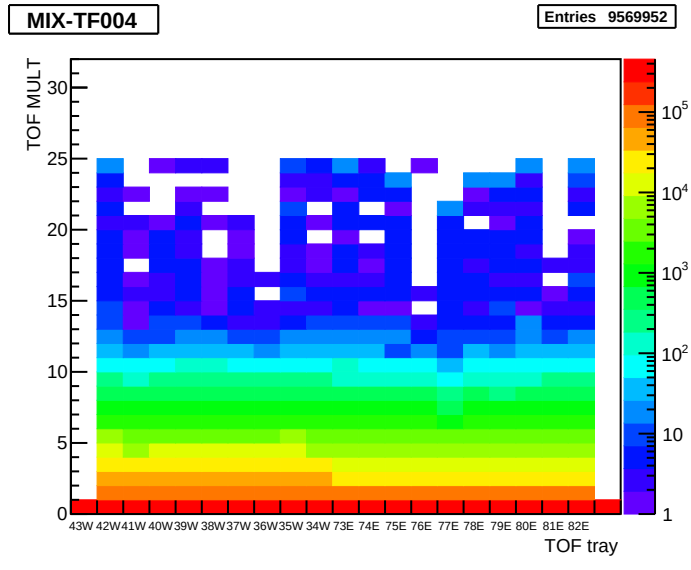

BunchId7Bit (Laser)
Entries 3241

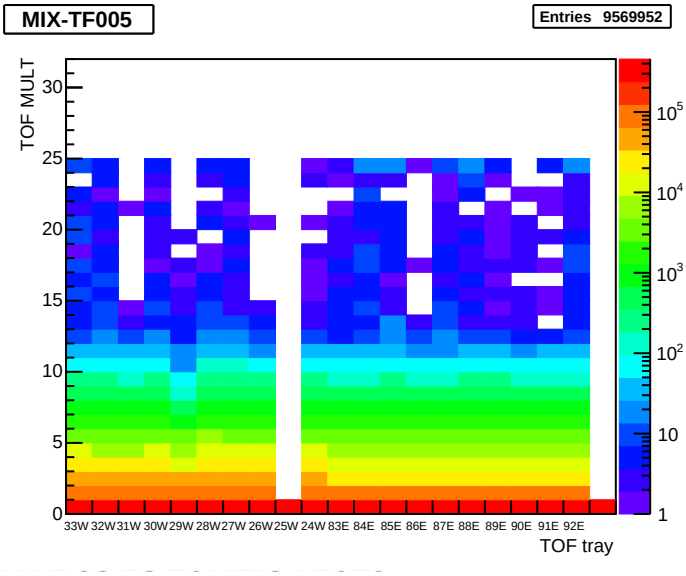

BunchId7Bit (TOFmult window)
Entries 13242

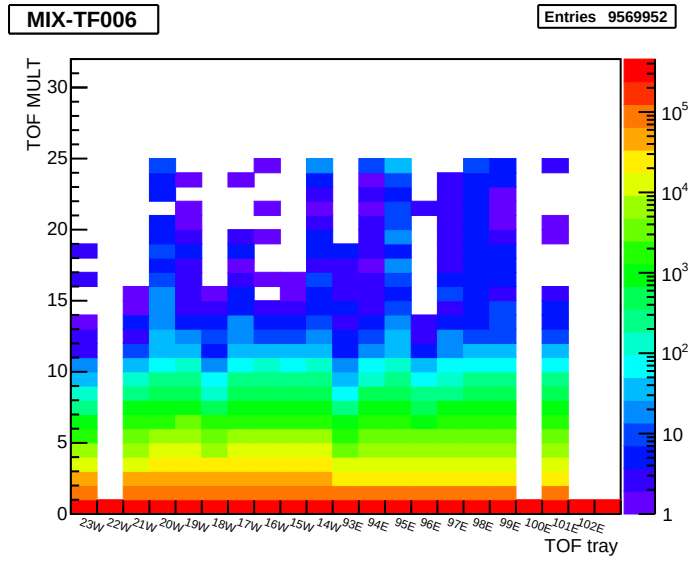

MIX-TF001
Entries 9569952
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

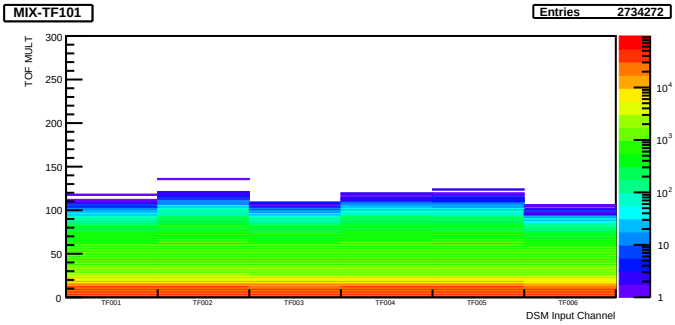

MIX-TF002
Entries 9569952
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

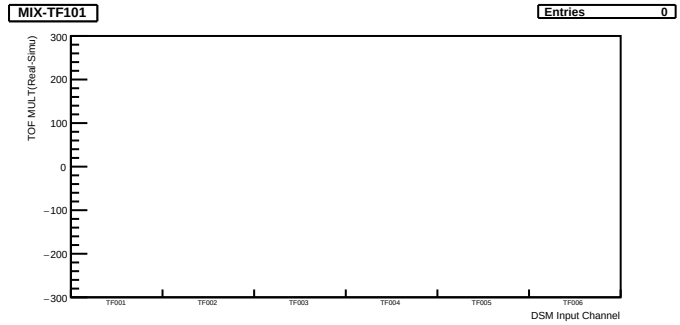

MIX-TF003
Entries 9569952
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

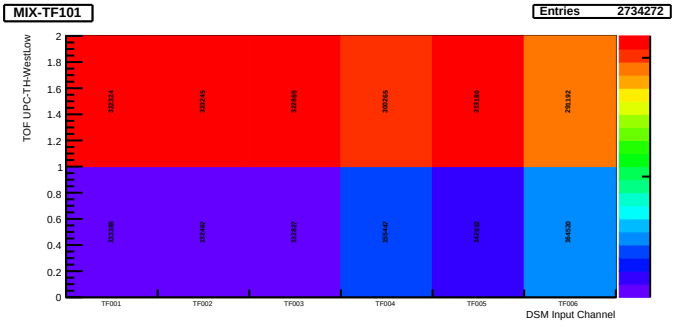

MIX-TF004
Entries 9569952
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

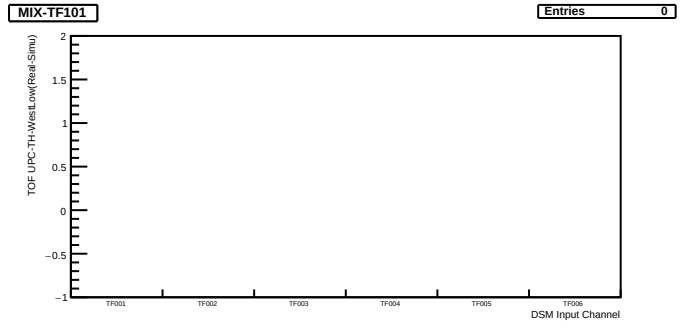

MIX-TF005
Entries 9569952
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

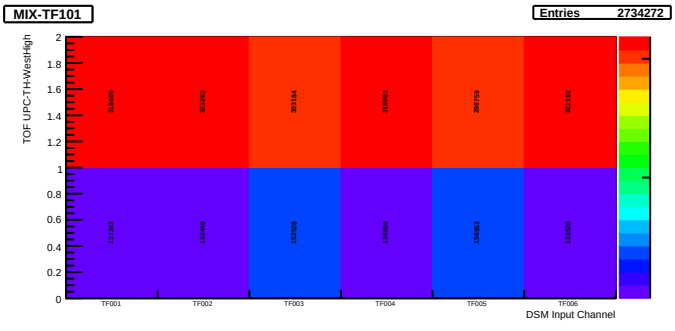

MIX-TF006
Entries 9569952
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

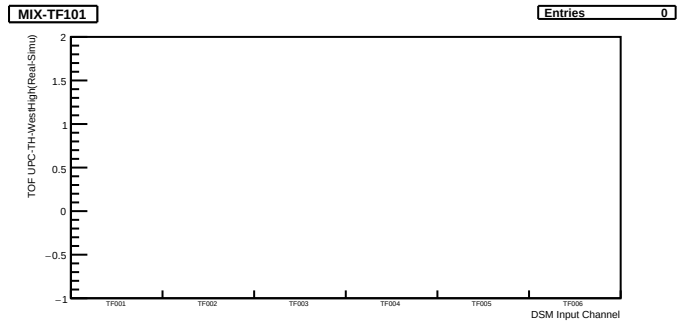

MIX-TF101
Entries 2734272
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

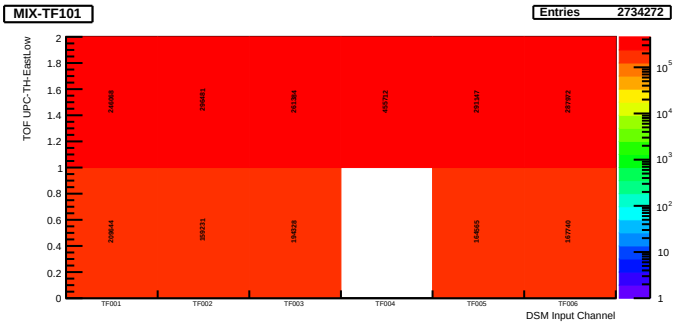

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

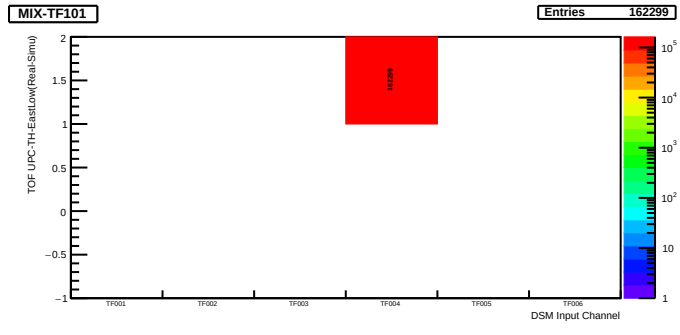

MIX-TF101
Entries 2734272
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

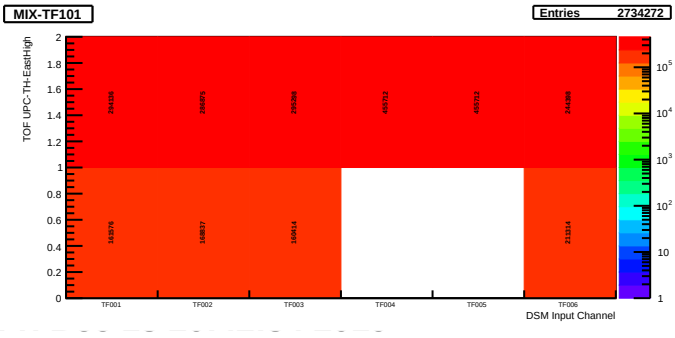

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

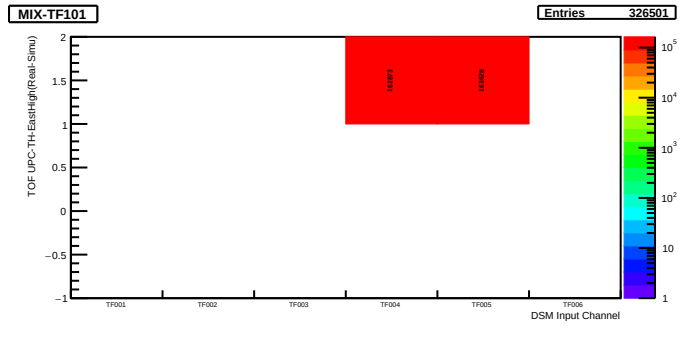

MIX-TF101
Entries 2734272
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

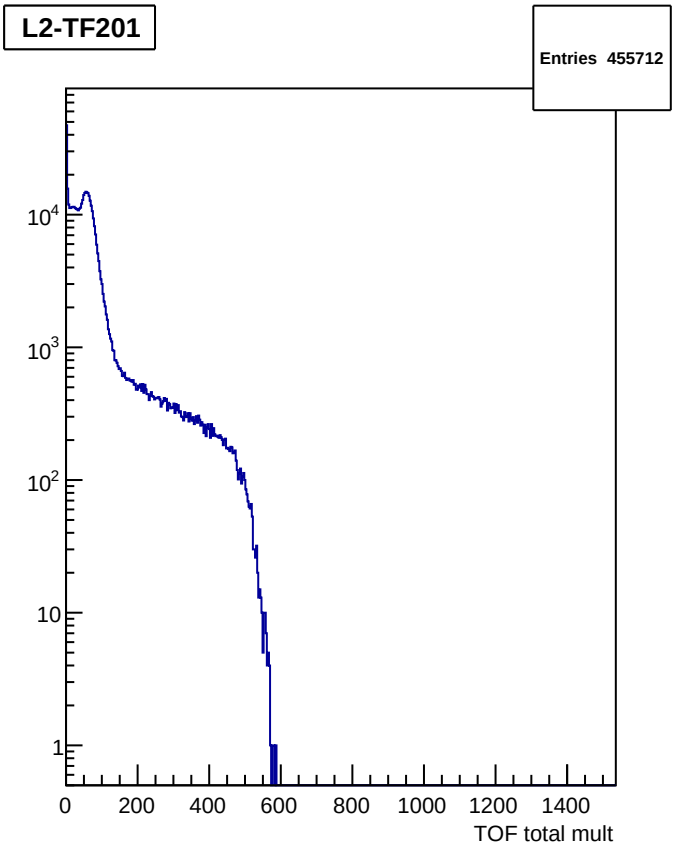

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

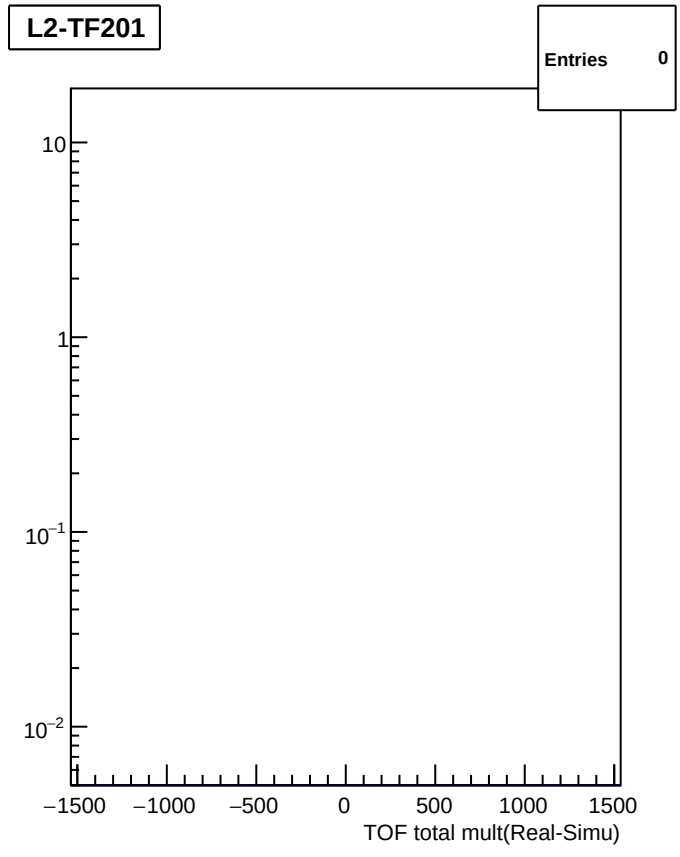

MIX-TF101
Entries 2734272
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

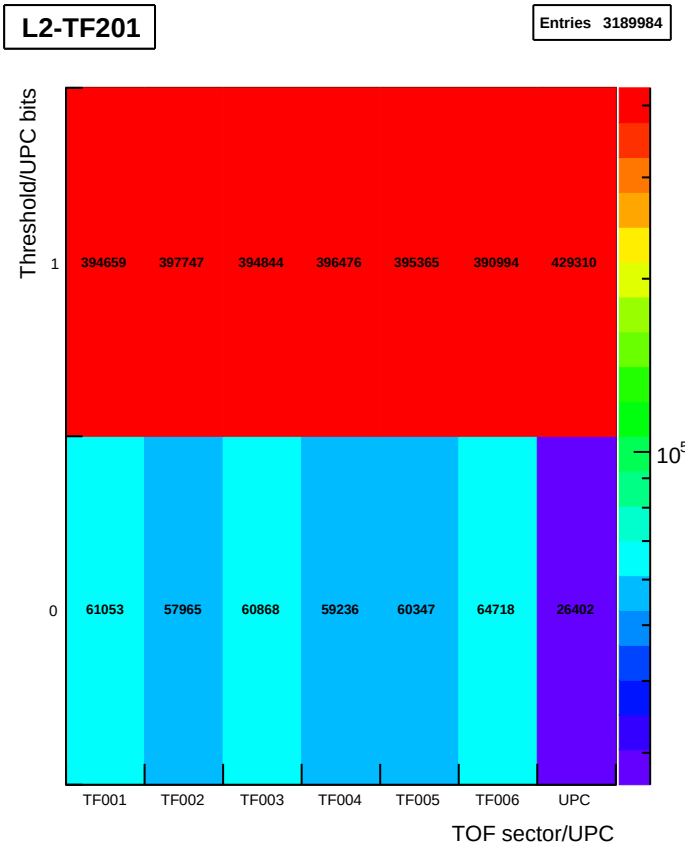

MIX-TF101
Entries 162299
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

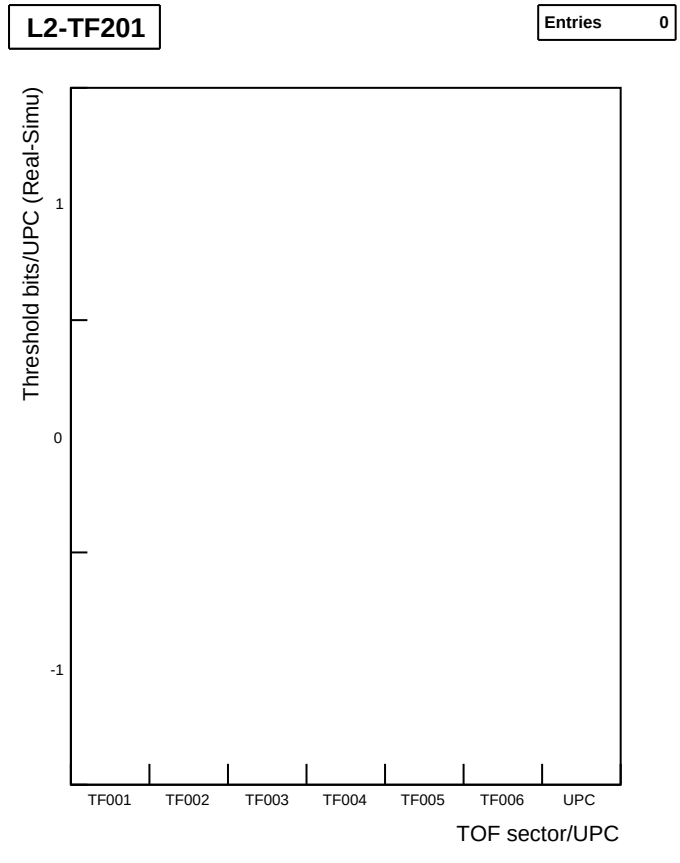

MIX-TF101
Entries 2734272
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

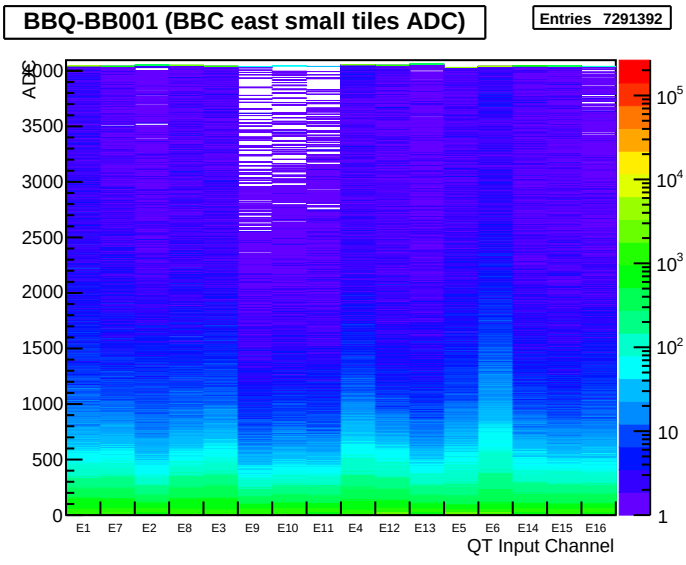

MIX-TF101
Entries 326501
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

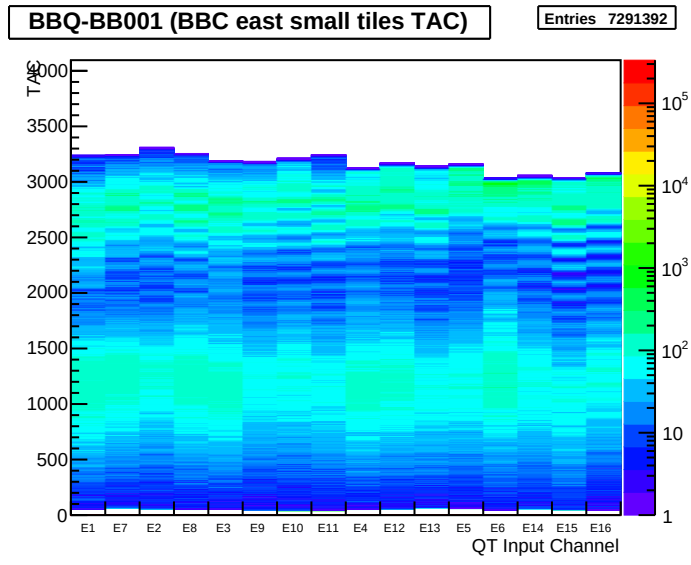

L2-TF201
Entries 455712
TOF total mult

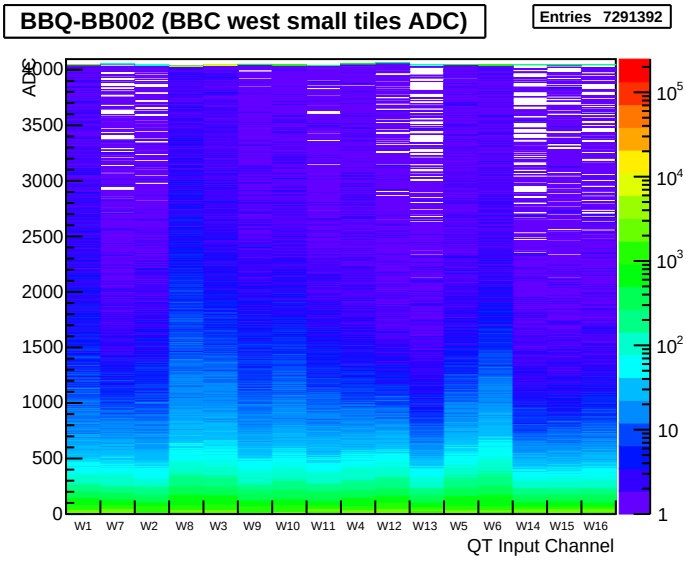

L2-TF201
Entries 0
TOF total mult(Real-Simu)

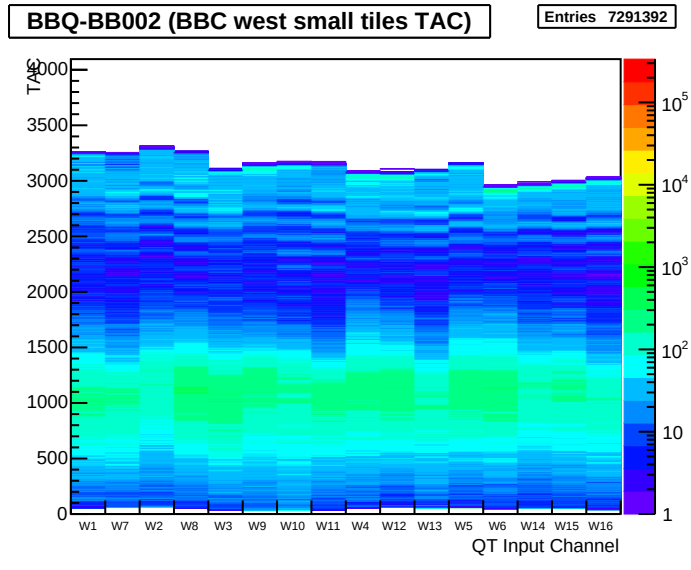

L2-TF201
Entries 3189984
Threshold/UPC bits
394659
397747
394844
396476
395365
390994
429310
61053
57965
60868
59236
60347
64718
26402
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

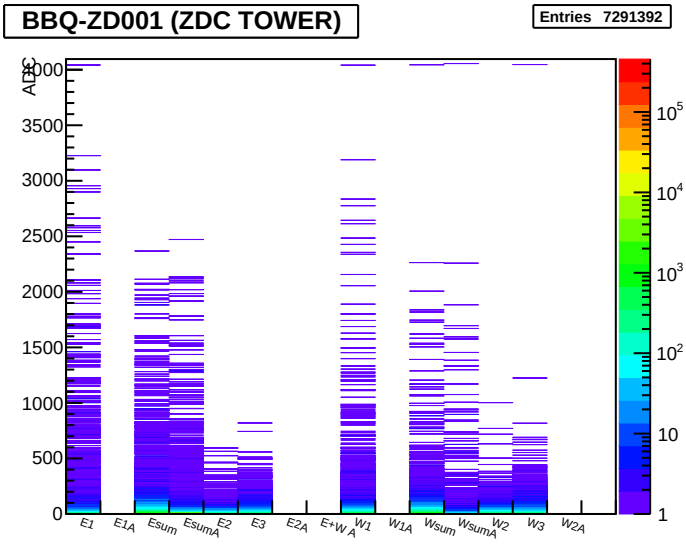

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

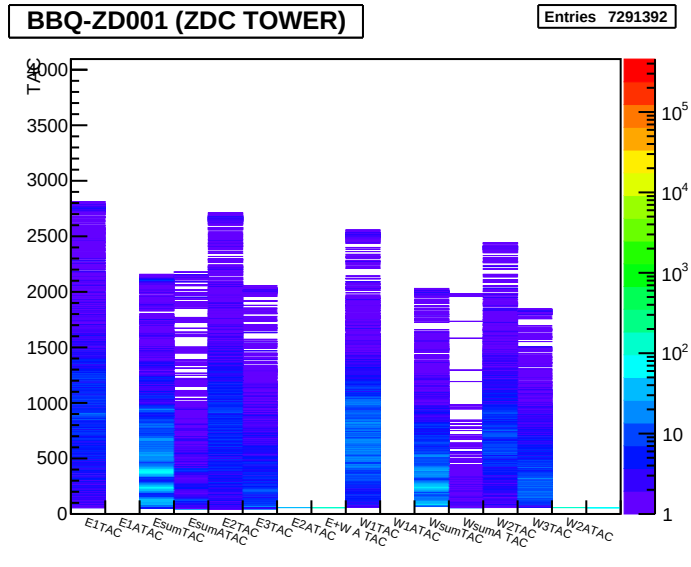

BBQ-BB001 (BBC east small tiles ADC)
Entries 7291392
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

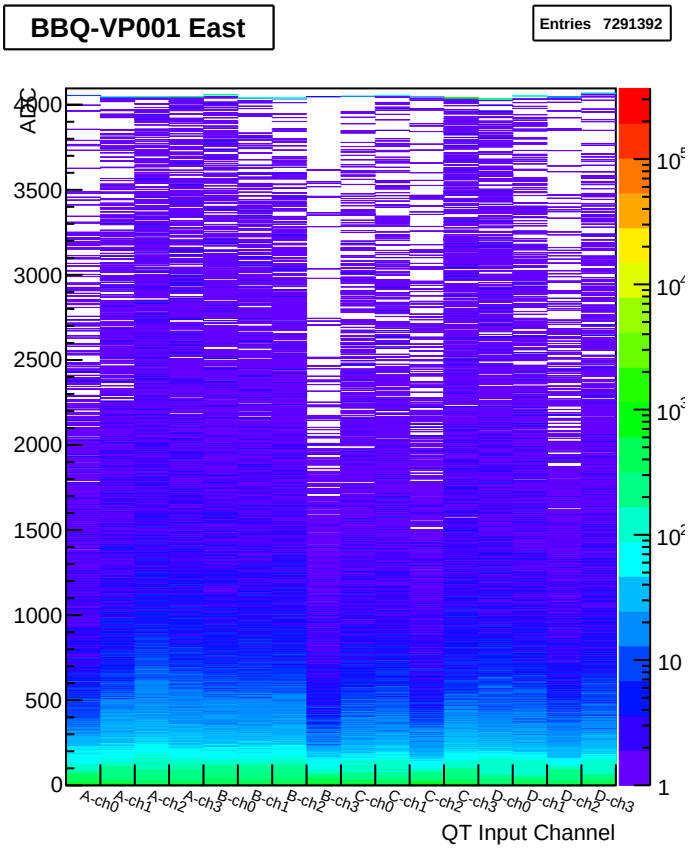

BBQ-BB001 (BBC east small tiles TAC)
Entries 7291392
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

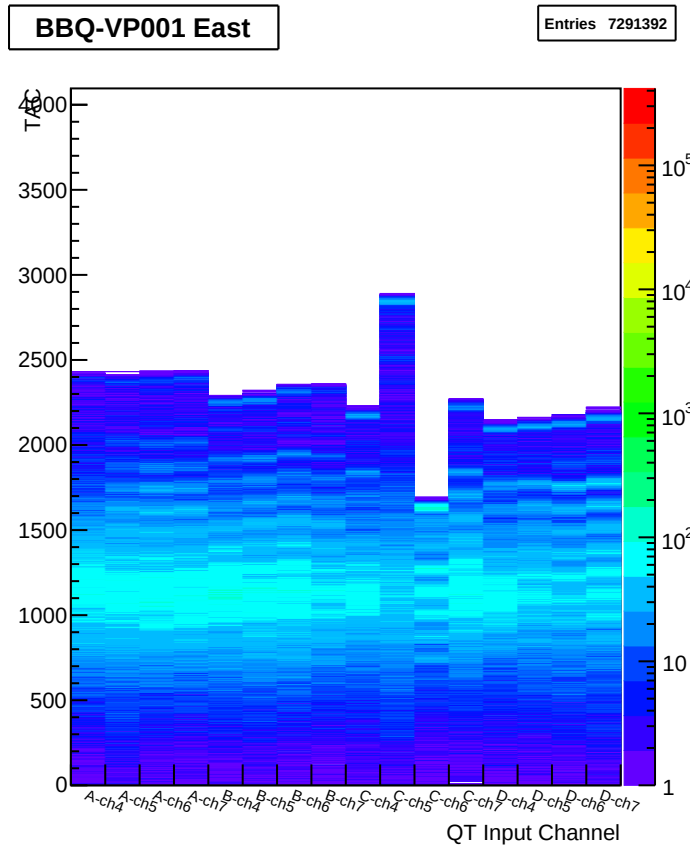

BBQ-BB002 (BBC west small tiles ADC)
Entries 7291392
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

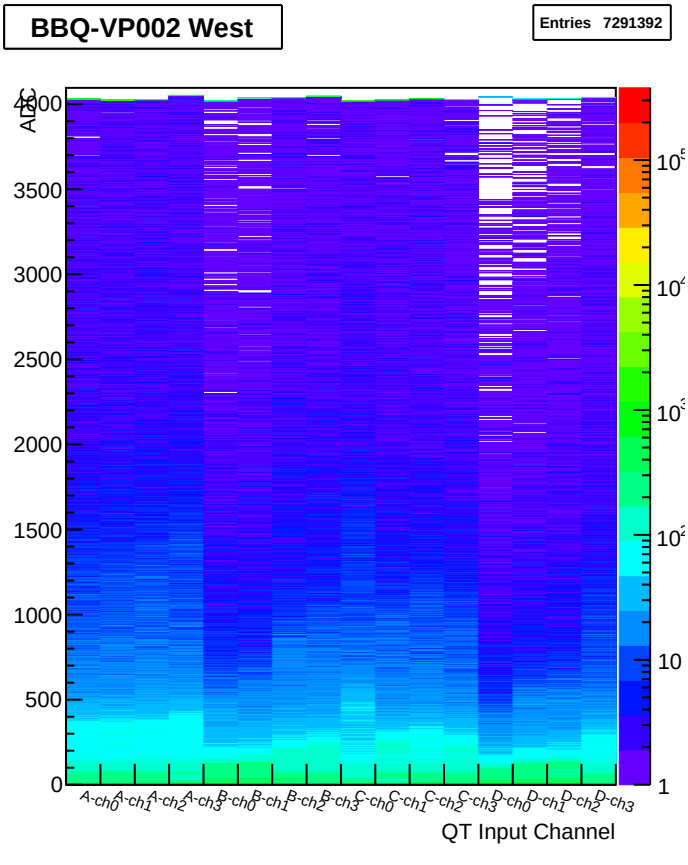

BBQ-BB002 (BBC west small tiles TAC)
Entries 7291392
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

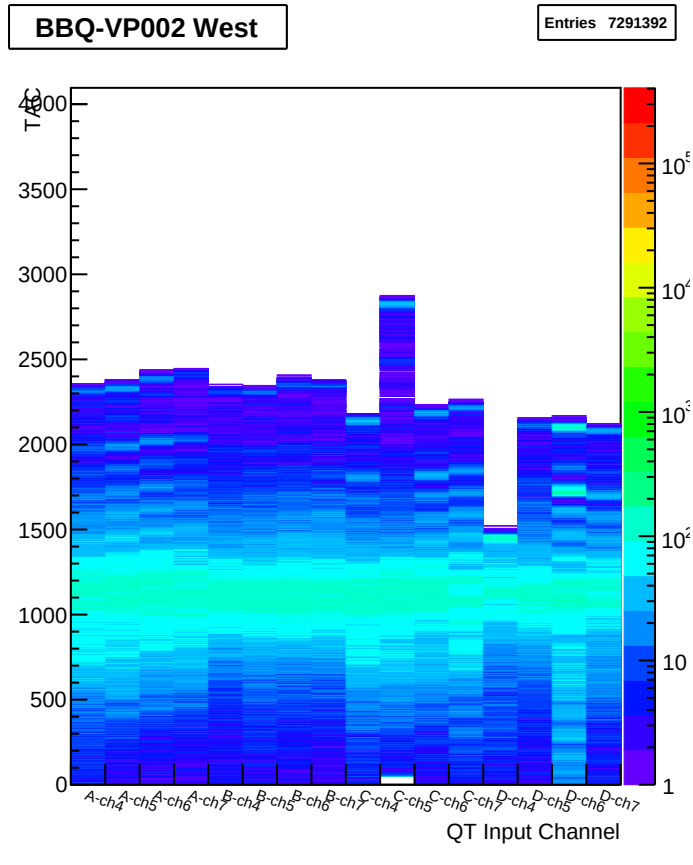

BBQ-ZD001 (ZDC TOWER)
Entries 7291392
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

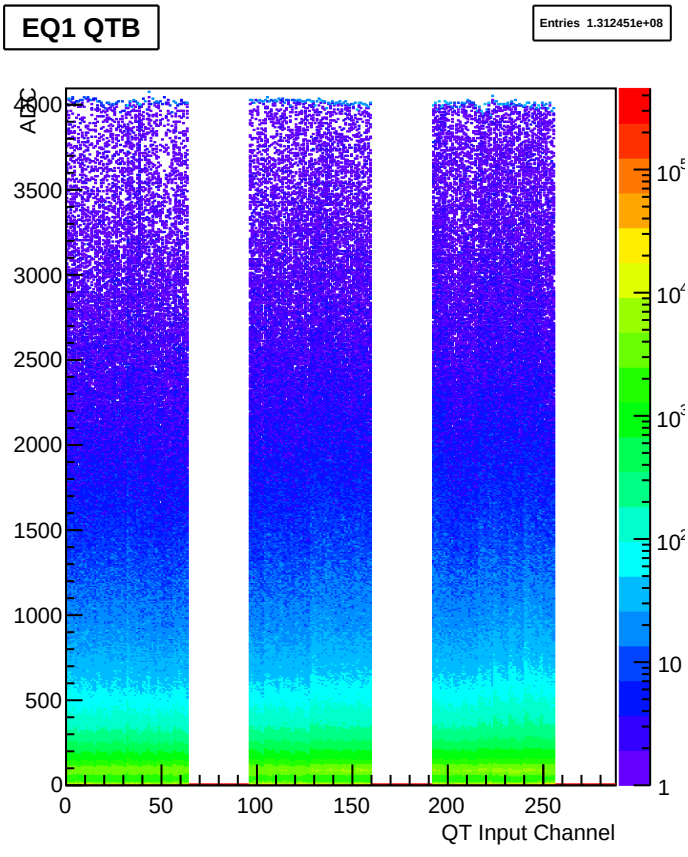

BBQ-ZD001 (ZDC TOWER)
Entries 7291392
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

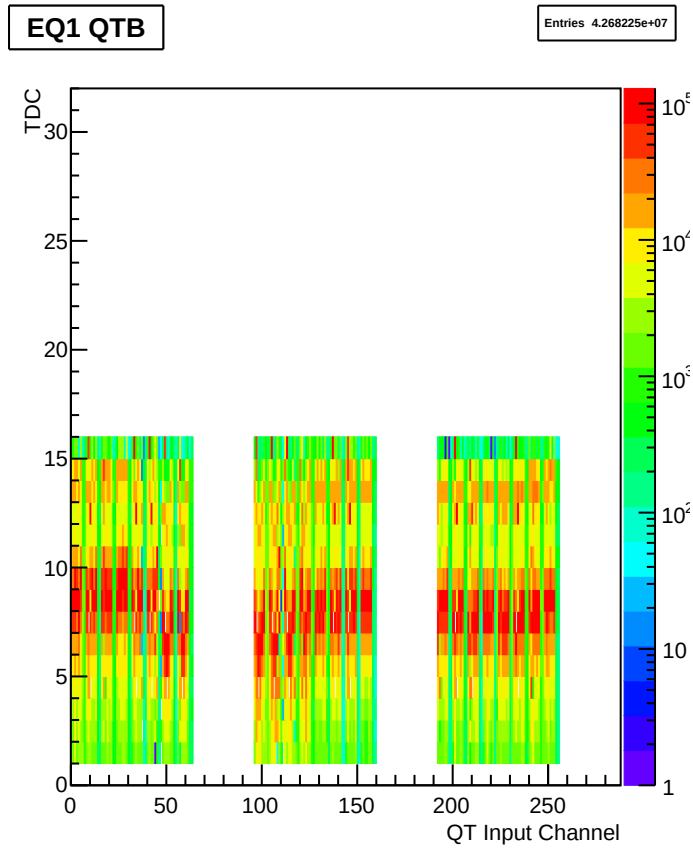

BBQ-VP001 East
Entries 7291392
ADC
QT Input Channel

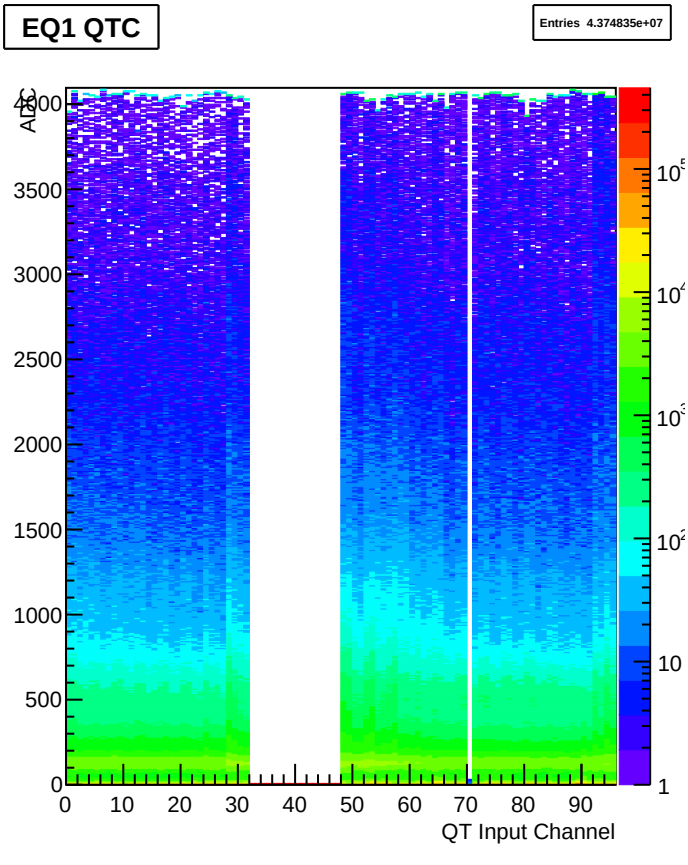

BBQ-VP001 East
Entries 7291392
TADC
QT Input Channel

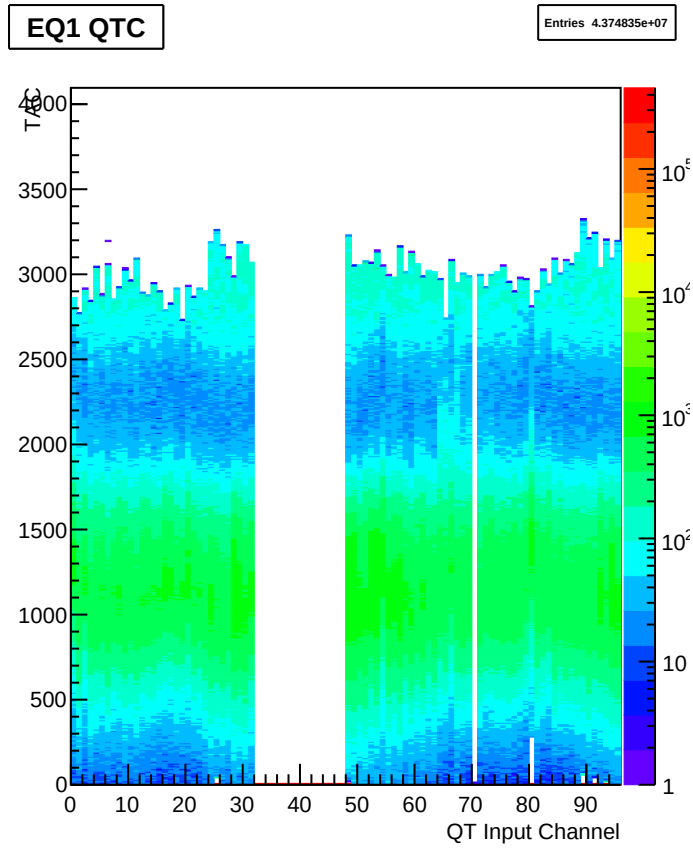

BBQ-VP002 West
Entries 7291392
ADC
QT Input Channel

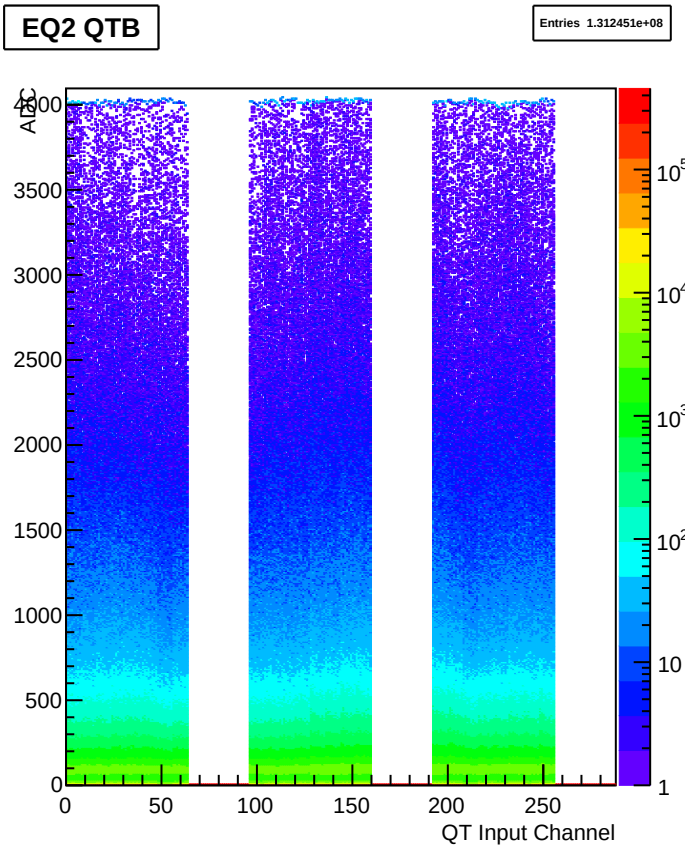

BBQ-VP002 West
Entries 7291392
TADC
QT Input Channel

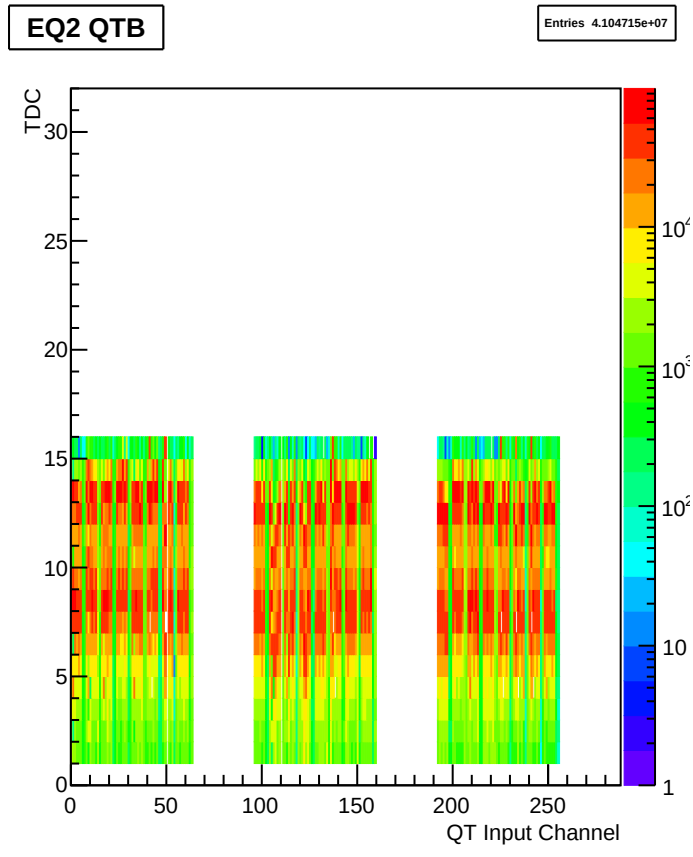

EQ1 QTB
Entries 1.312451e+08
ADC
QT Input Channel

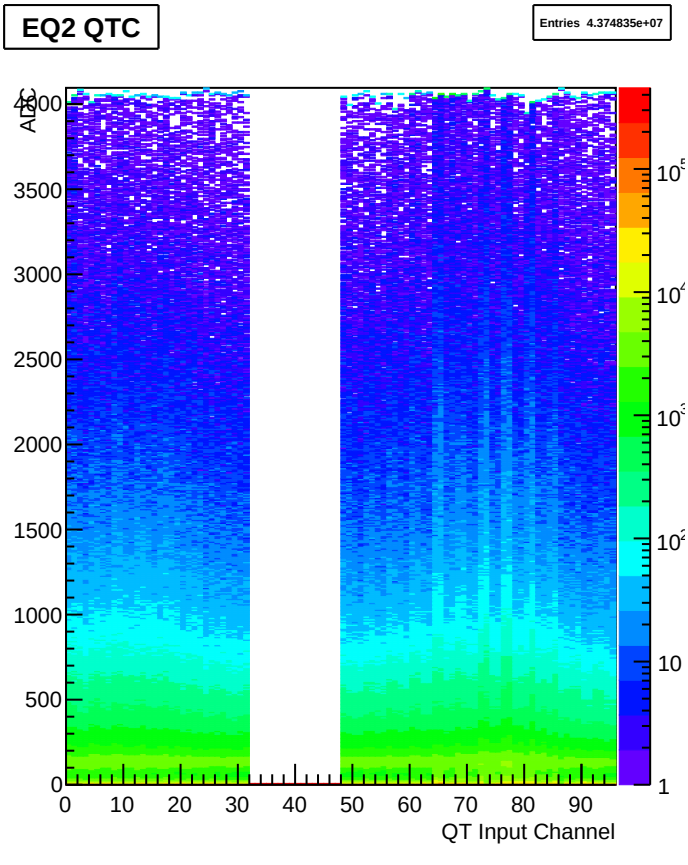

EQ1 QTB
Entries 4.268225e+07
TDC
QT Input Channel

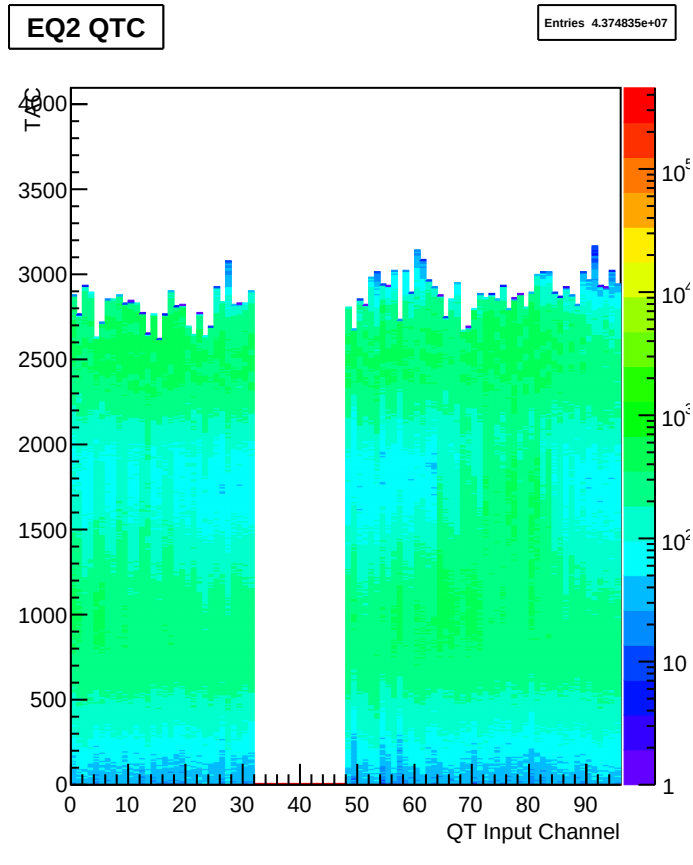

EQ1 QTC
Entries 4.374835e+07
ADC
QT Input Channel

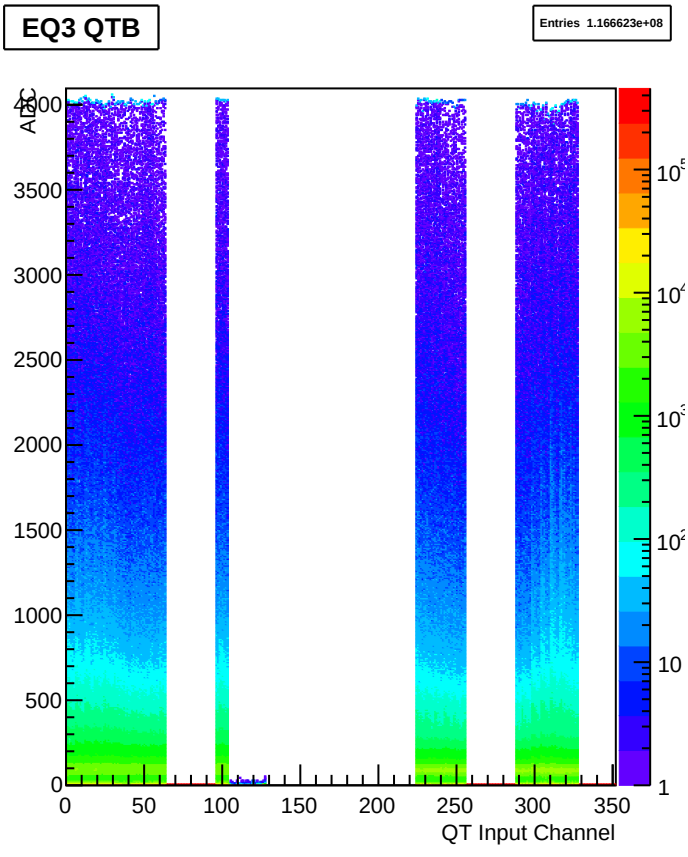

EQ1 QTC
Entries 4.374835e+07
TADC
QT Input Channel

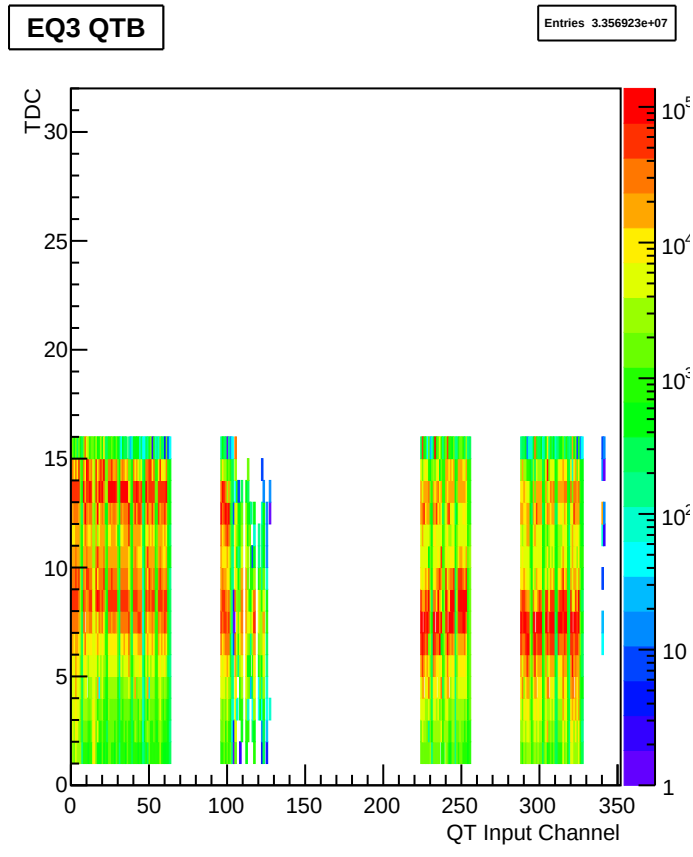

EQ2 QTB
Entries 1.312451e+08
ADC
QT Input Channel

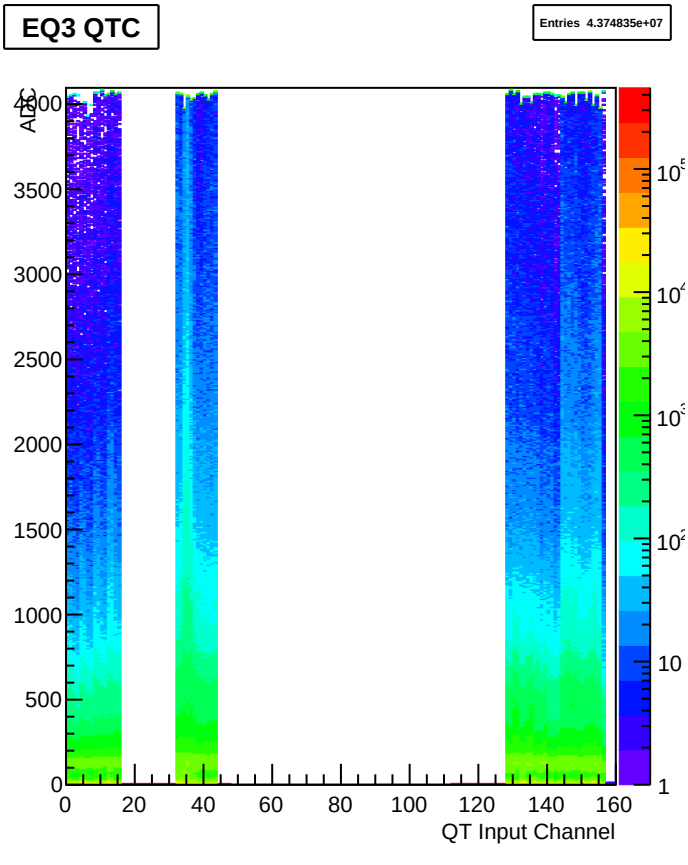

EQ2 QTB
Entries 4.104715e+07
TDC
QT Input Channel

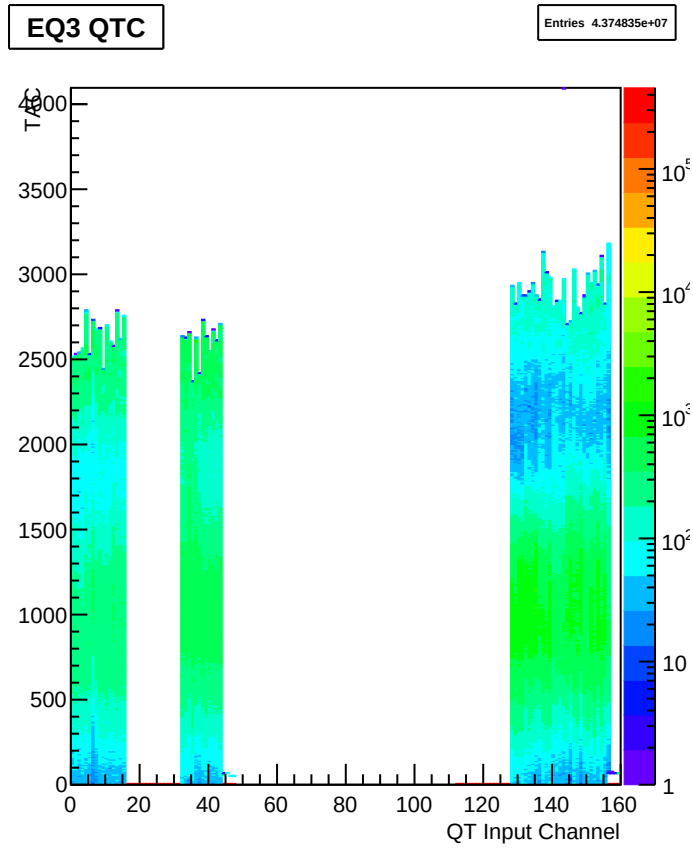

EQ2 QTC
Entries 4.374835e+07
ADC
QT Input Channel

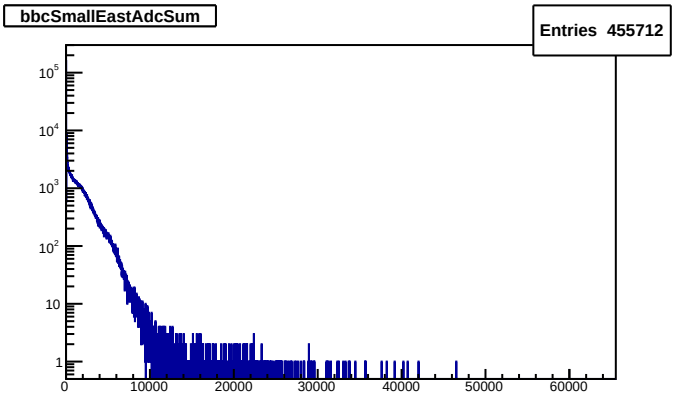

EQ2 QTC
Entries 4.374835e+07
TADC
QT Input Channel

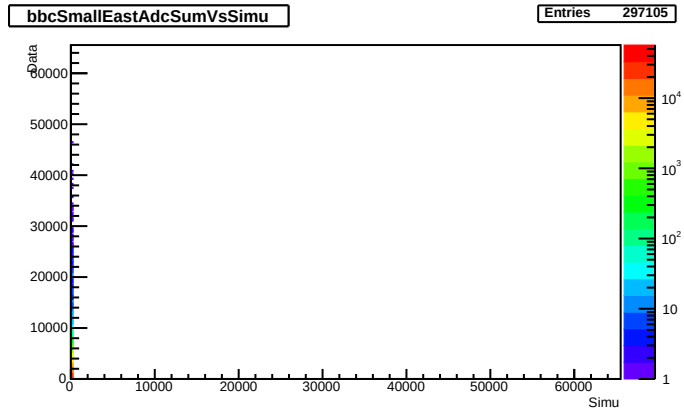

EQ3 QTB
Entries 1.166623e+08
ADC
QT Input Channel

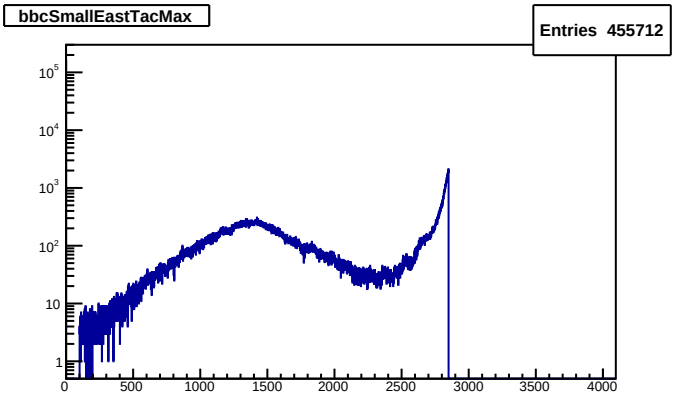

EQ3 QTB
Entries 3.356923e+07
TDC
QT Input Channel

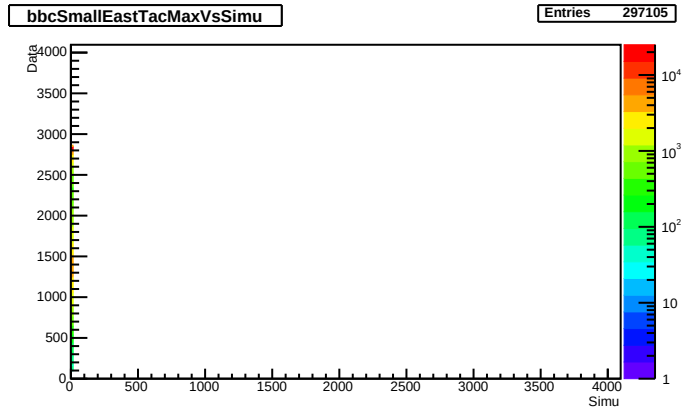

EQ3 QTC
Entries 4.374835e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.374835e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 455712


bbcSmallEastAdcSumVsSimu
Entries 297105
Data
Simu


bbcSmallEastTacMax
Entries 455712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Entries 297105
Data
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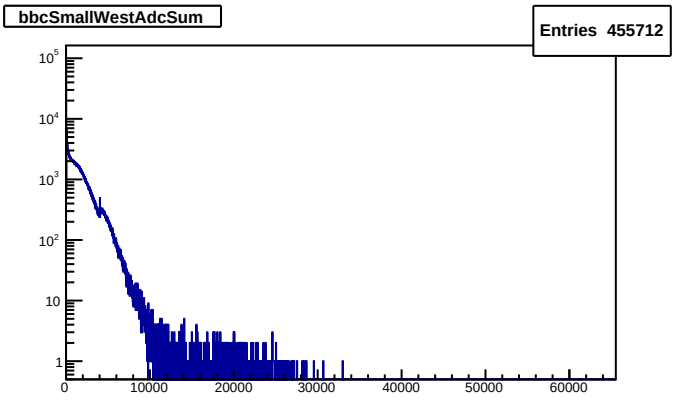
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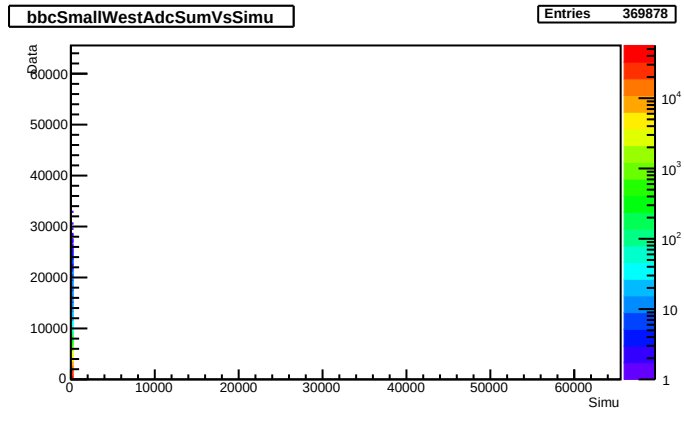
Entries 455712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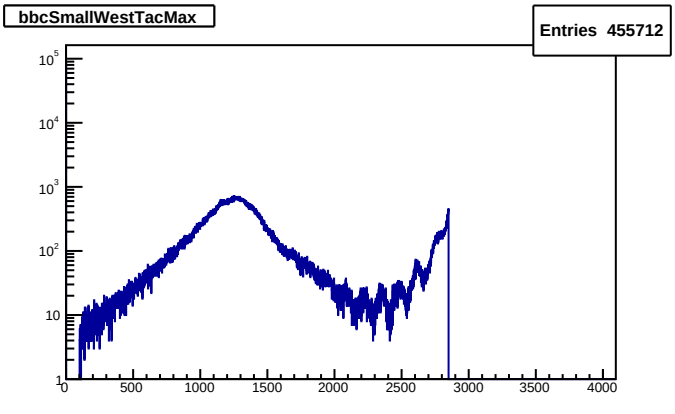
Entries 369878
Data
Simu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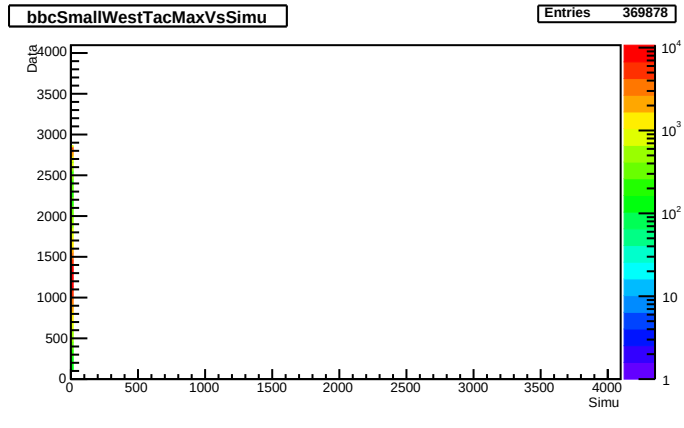
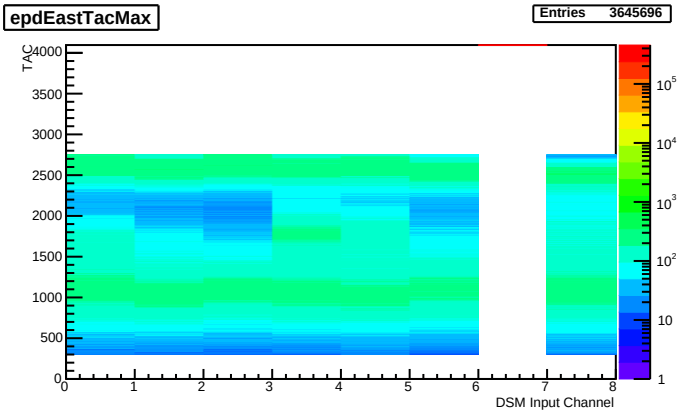
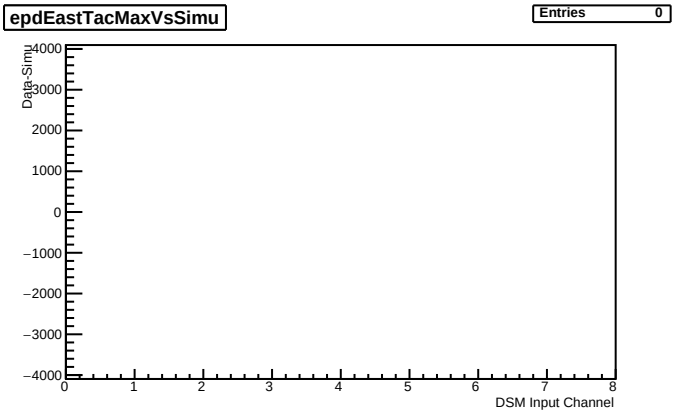
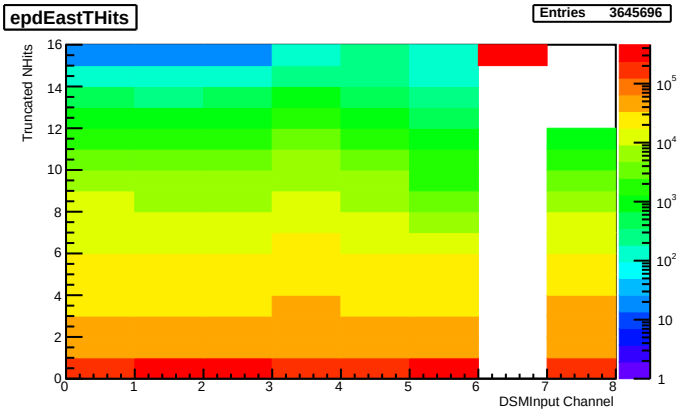
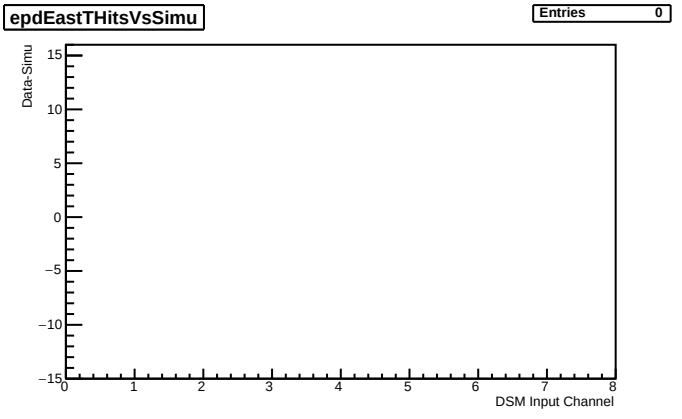
Entries 455712


bbcSmallWestTacMaxVsSimu
Entries 369878
Data
Simu


epdEastTacMax
Entries 3645696
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3645696
Truncated NHits
DSMInput Channel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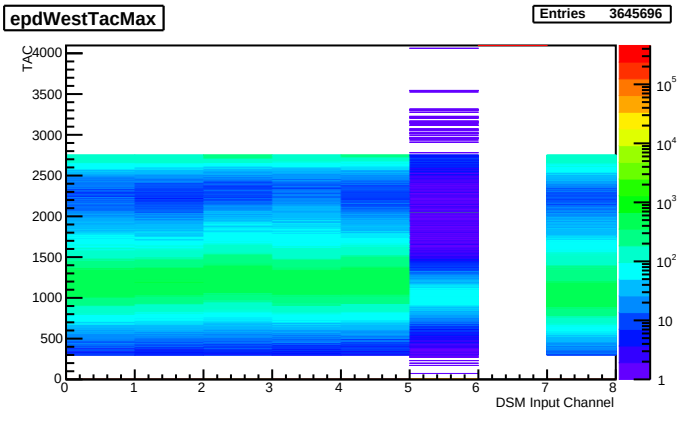
Data-Simu
DSM Input Channel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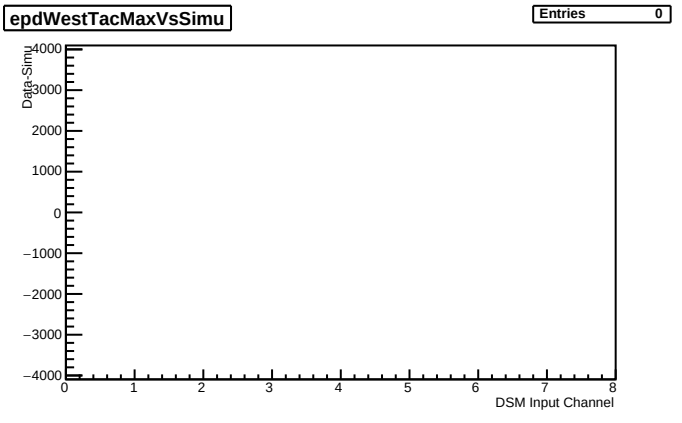
TAC
DSM Input Channel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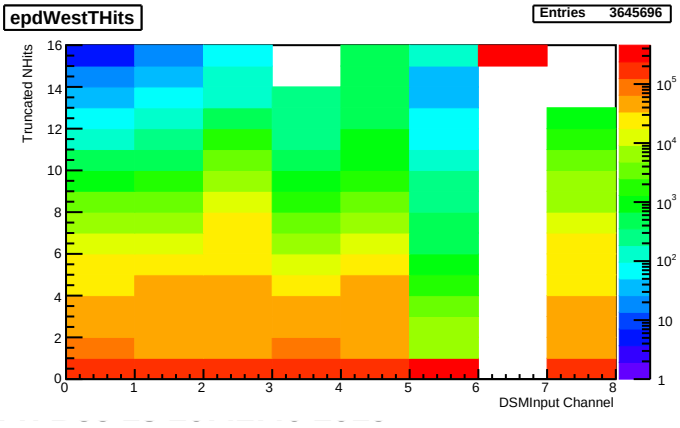
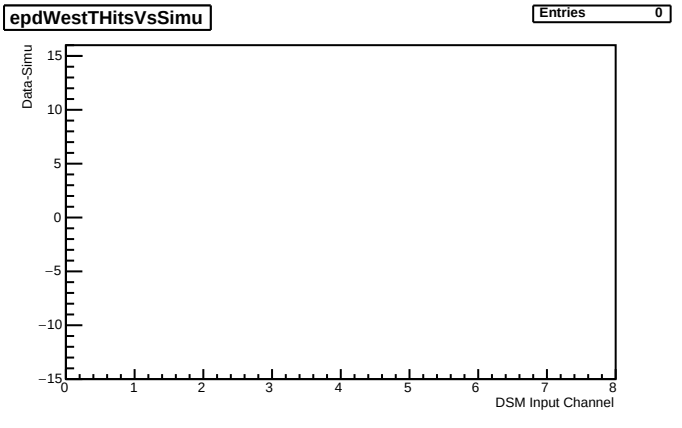
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3645696
Truncated NHits
DSMInput Channel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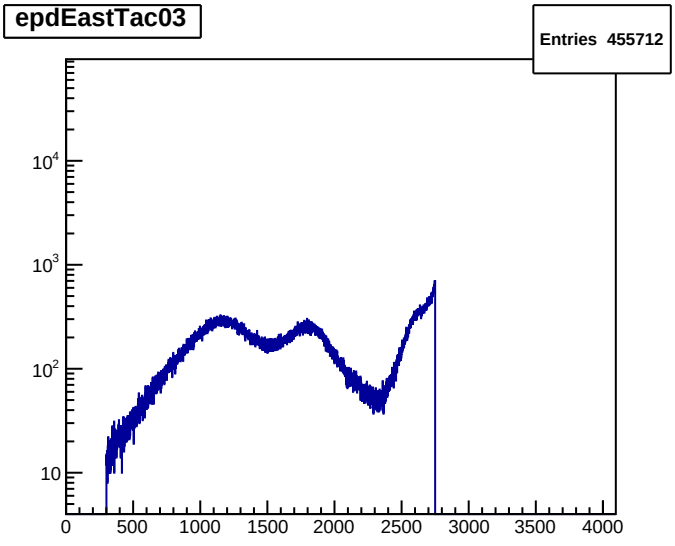
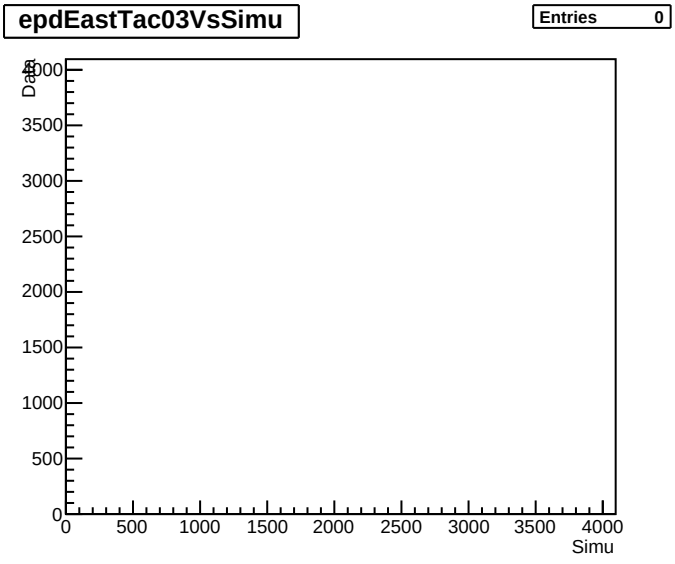
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 455712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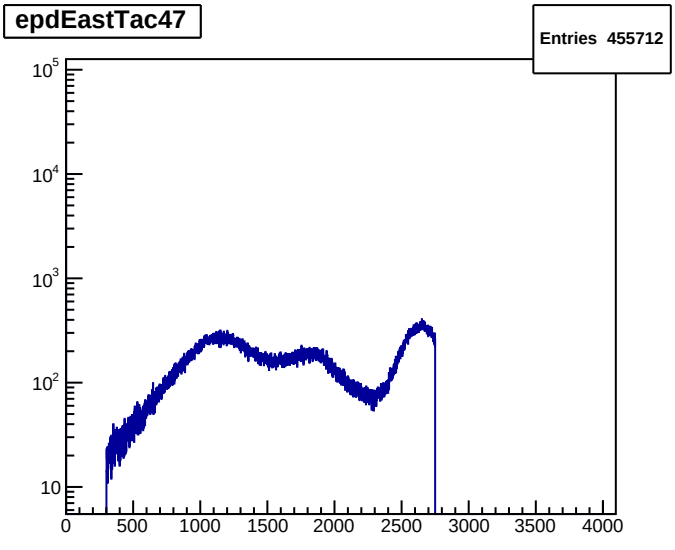
Entries 0
Data
Simu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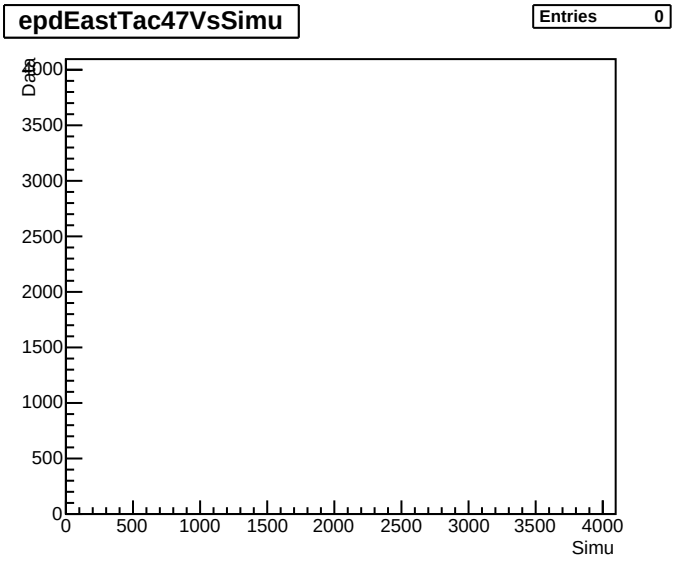
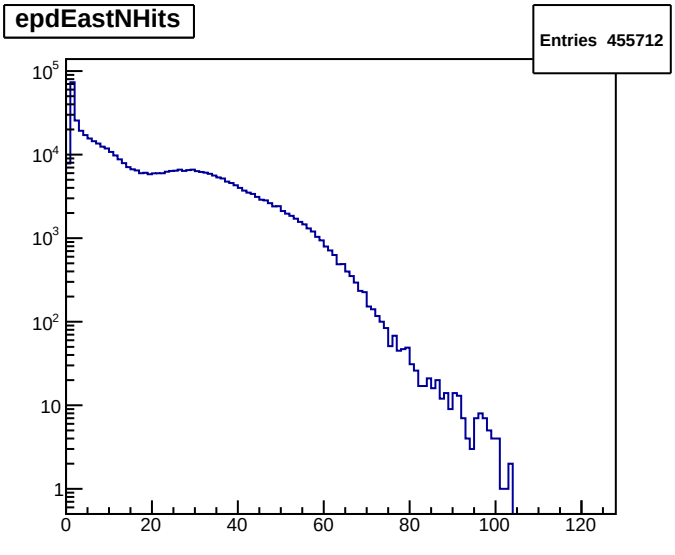
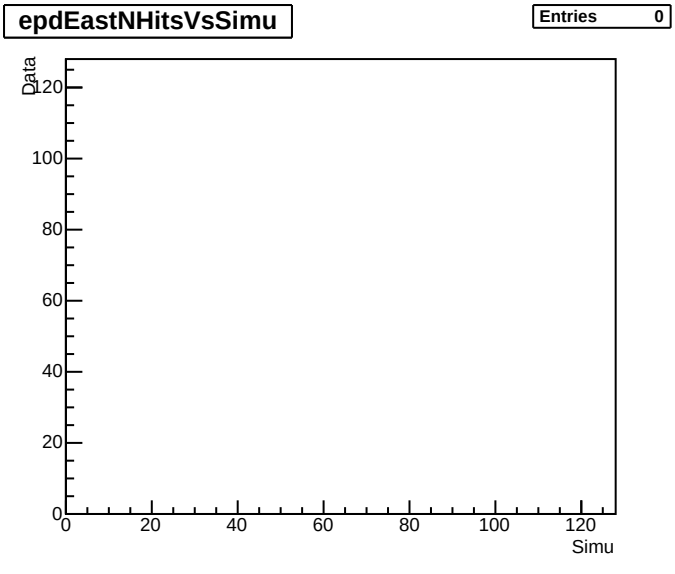
Entries 455712


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 455712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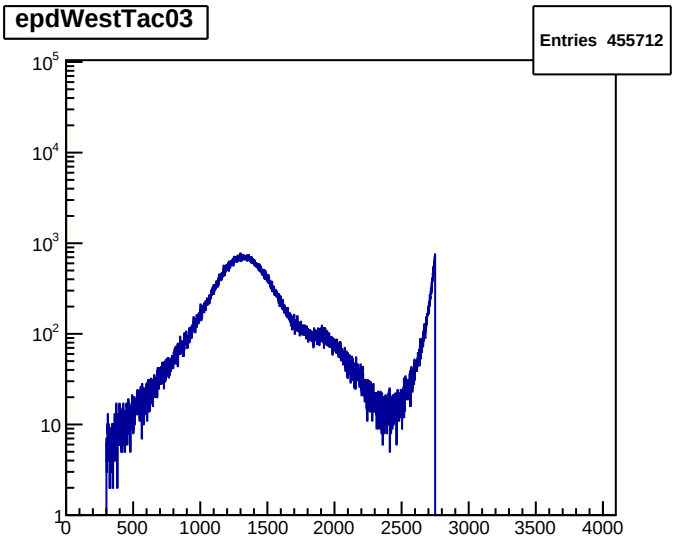
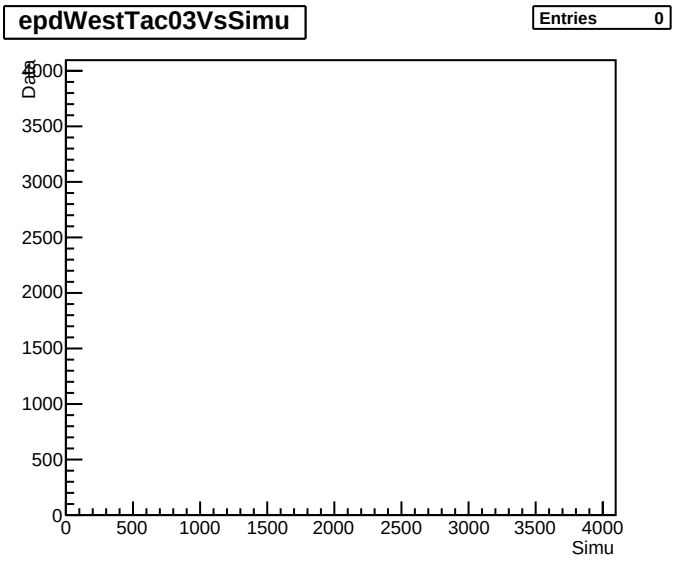
Entries 0
Data
Simu


epdWestTac03
Entries 455712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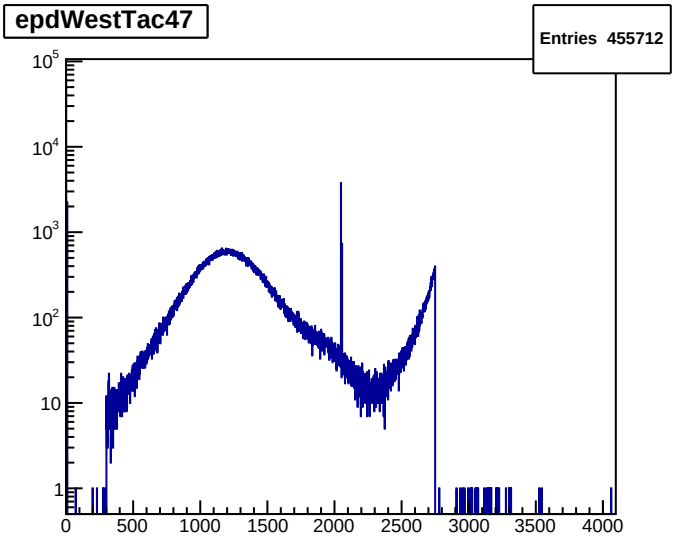
Entries 0
Data
Simu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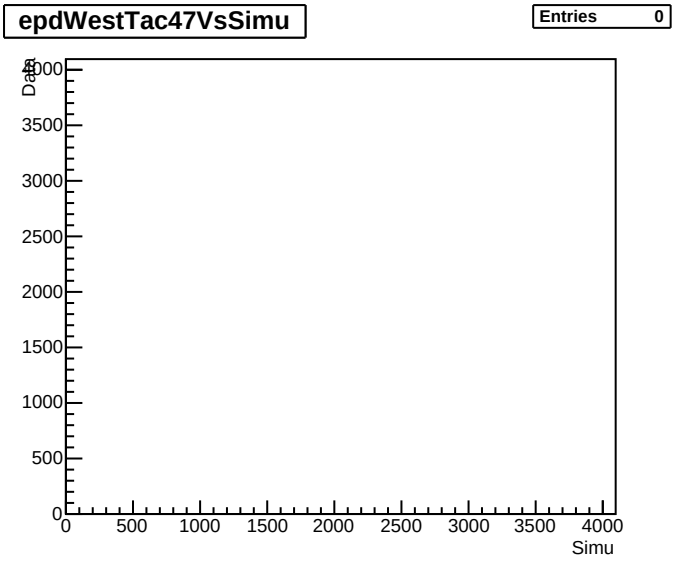
Entries 455712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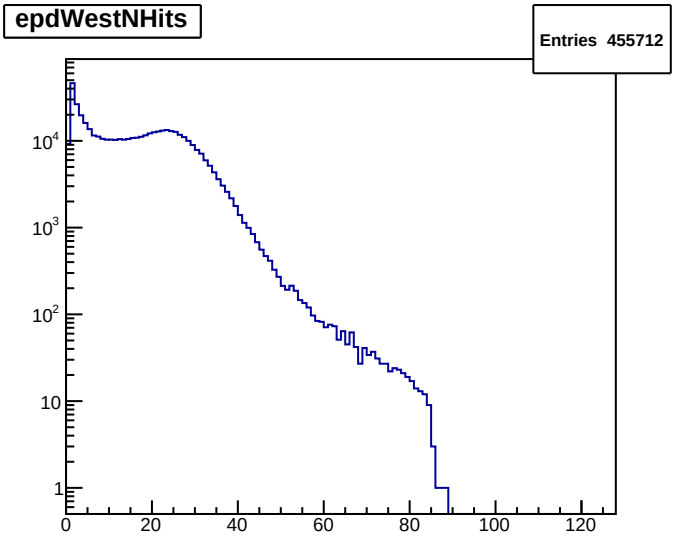
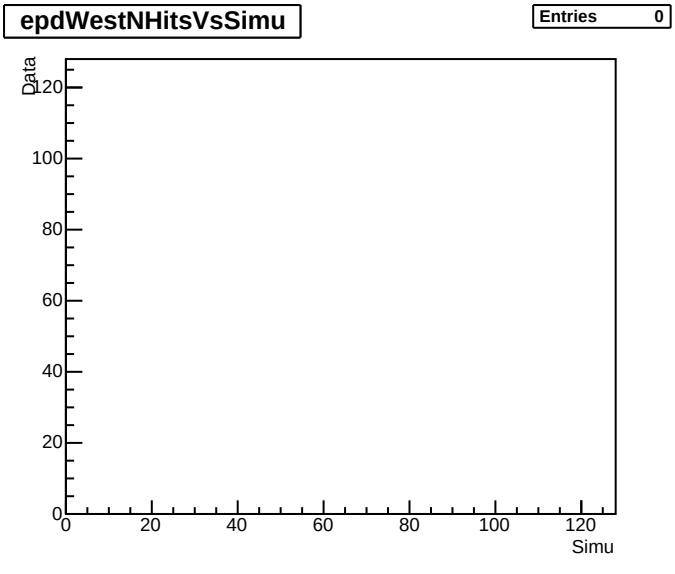
Entries 0
Data
Simu


epdWestNHits
Entries 455712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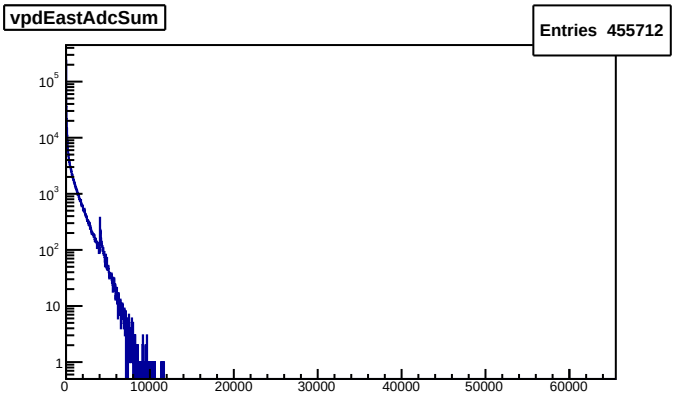
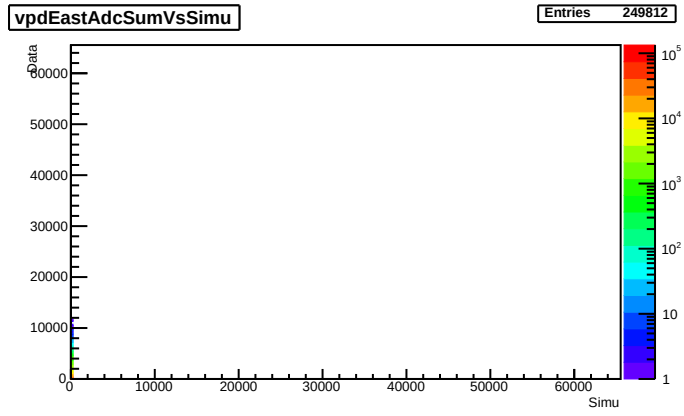
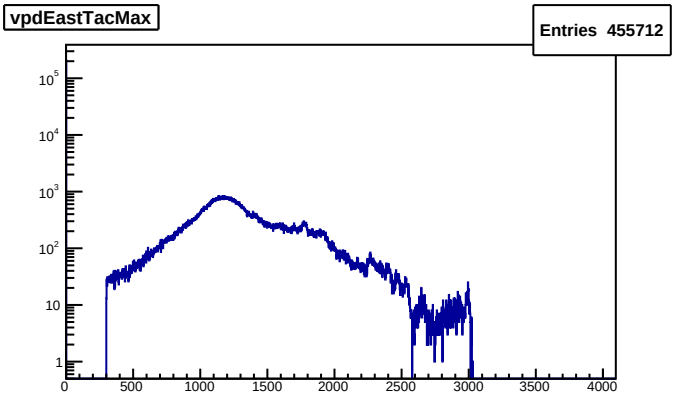
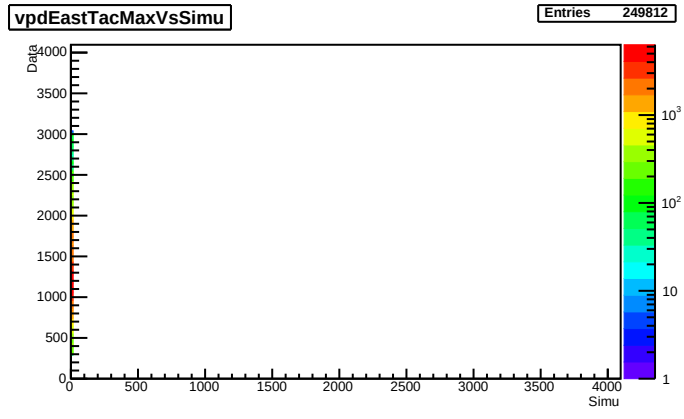
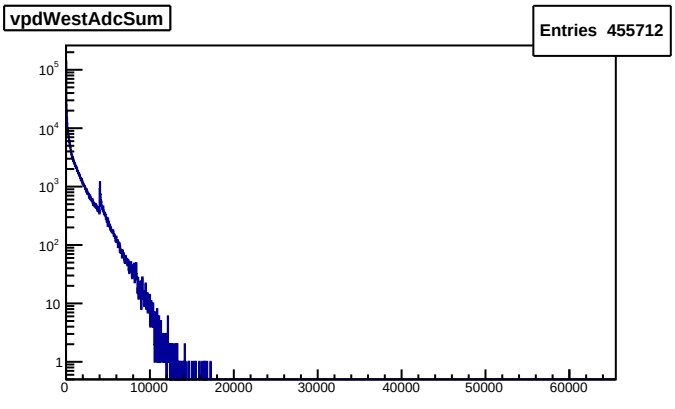
Entries 0
Data
Simu

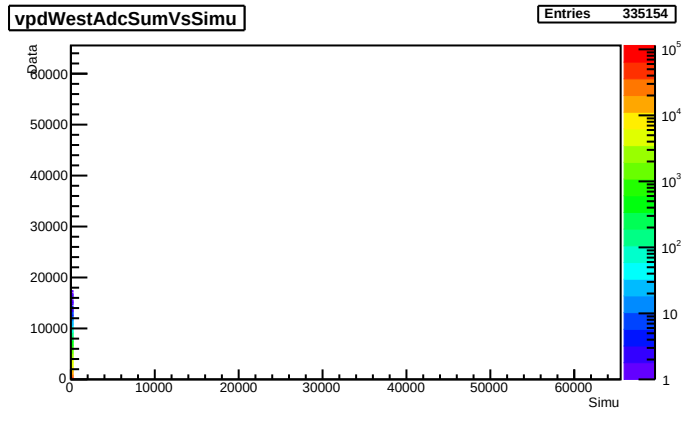

vpdEastAdcSum
Entries 455712

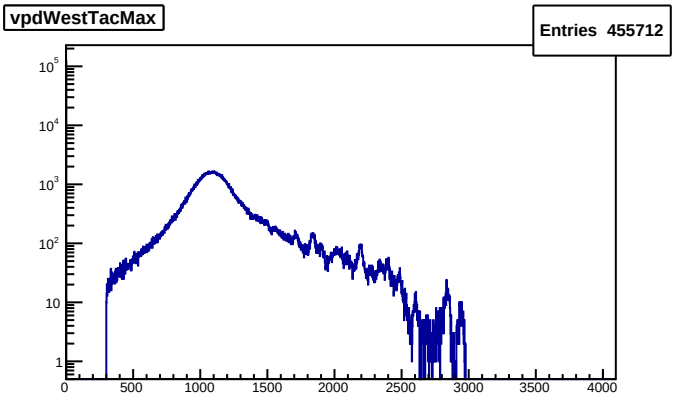

vpdEastAdcSumVsSimu
Entries 249812
Data
Simu

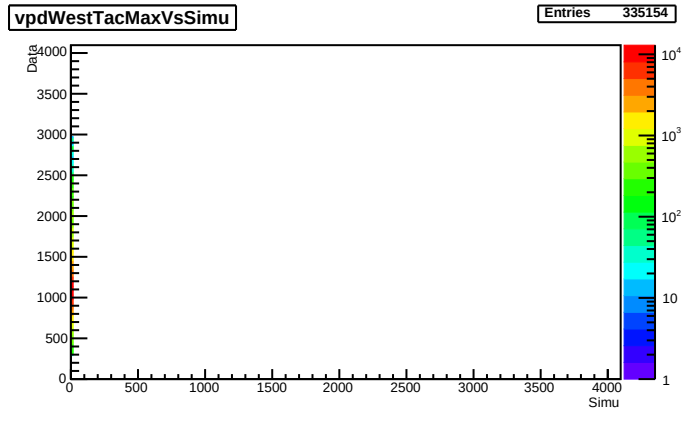

vpdEastTacMax
Entries 455712

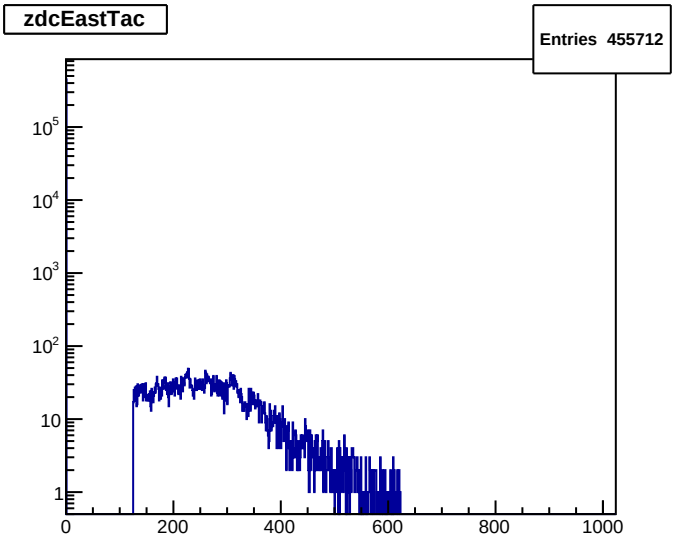

vpdEastTacMaxVsSimu
Entries 249812
Data
Simu

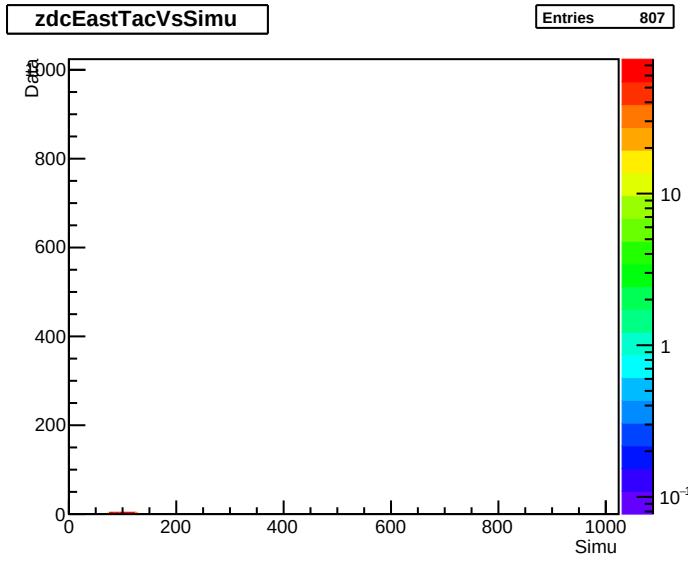

vpdWestAdcSum
Entries 455712

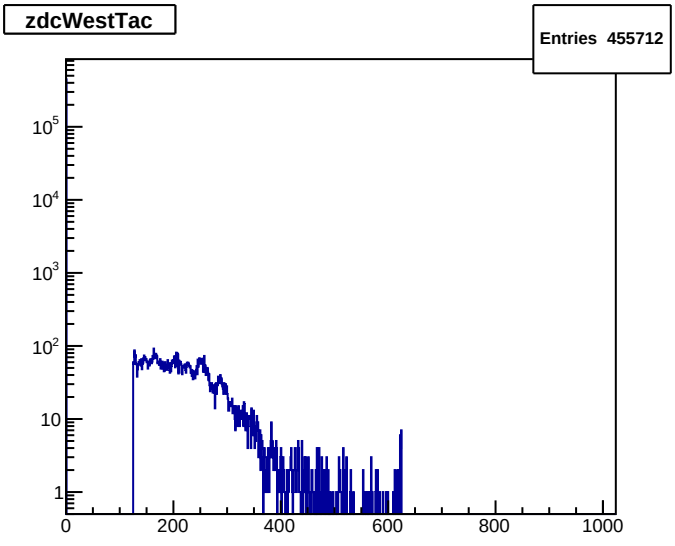

vpdWestAdcSumVsSimu
Entries 335154
Data
Simu

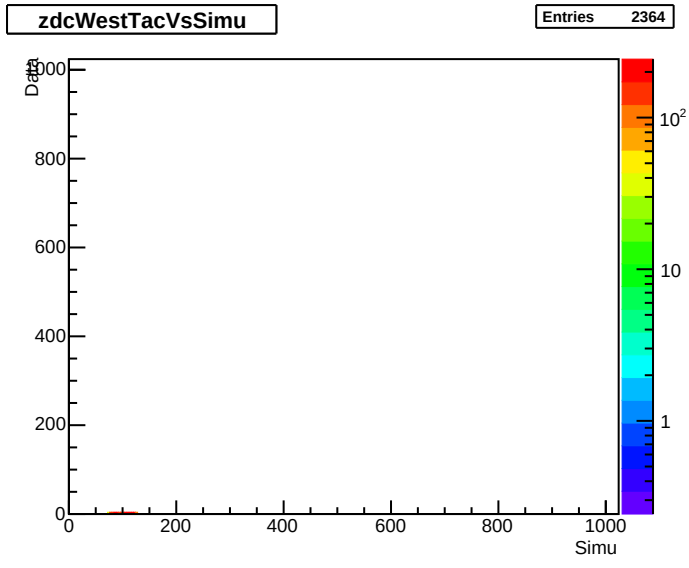

vpdWestTacMax
Entries 455712

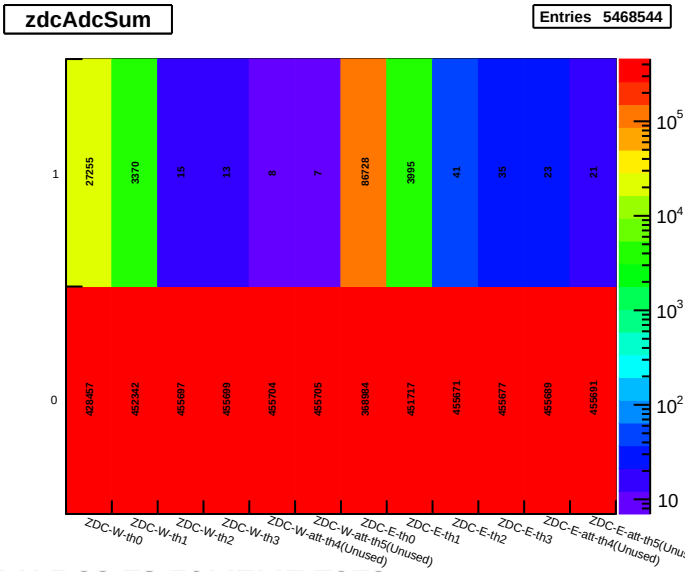

vpdWestTacMaxVsSimu
Entries 335154
Data
Simu

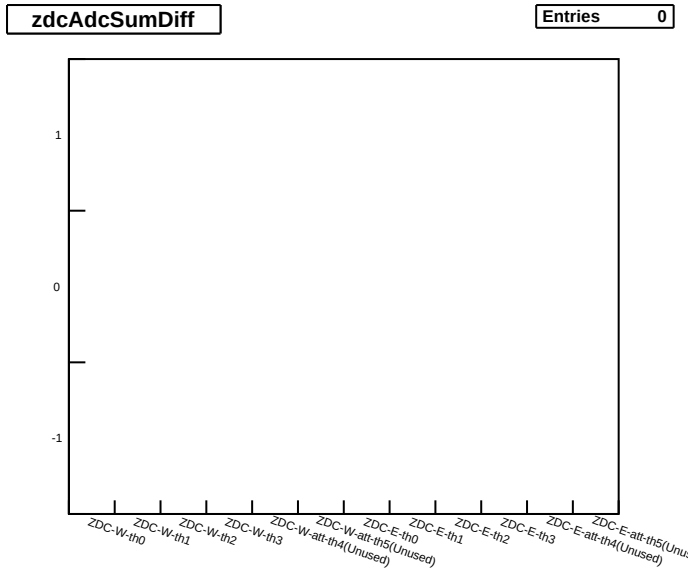

zdcEastTac
Entries 455712

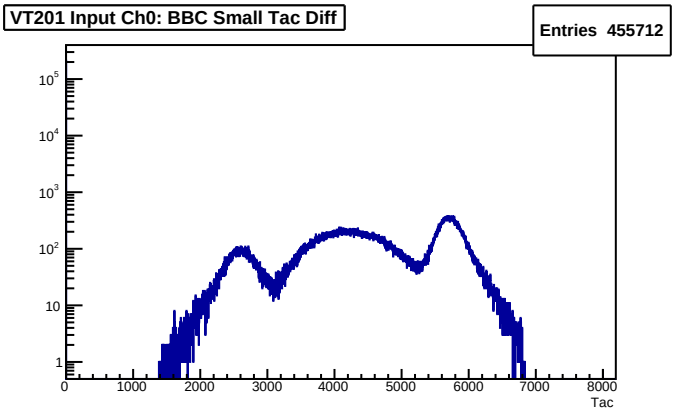

zdcEastTacVsSimu
Entries 807
Data
Simu

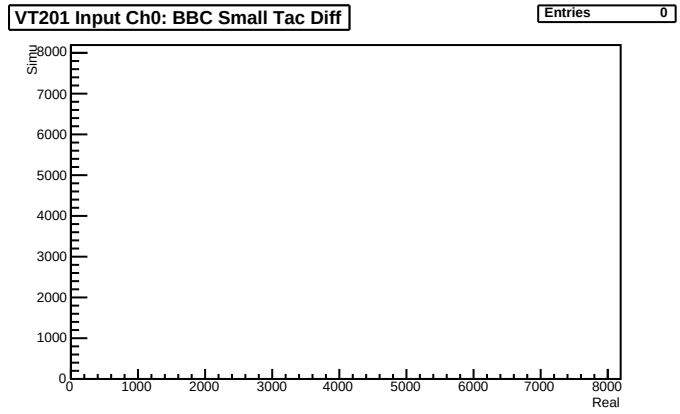

zdcWestTac
Entries 455712

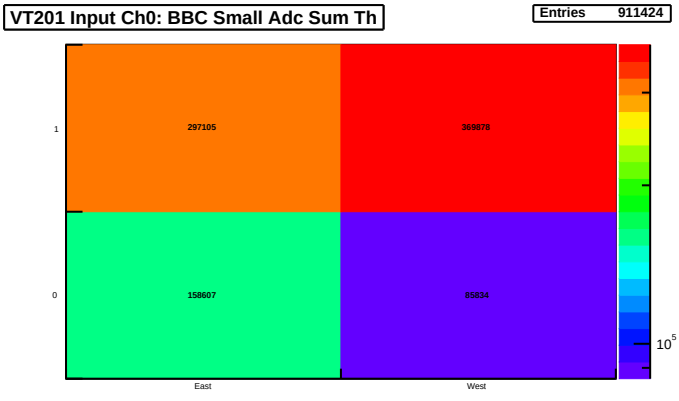

zdcWestTacVsSimu
Entries 2364
Data
Simu

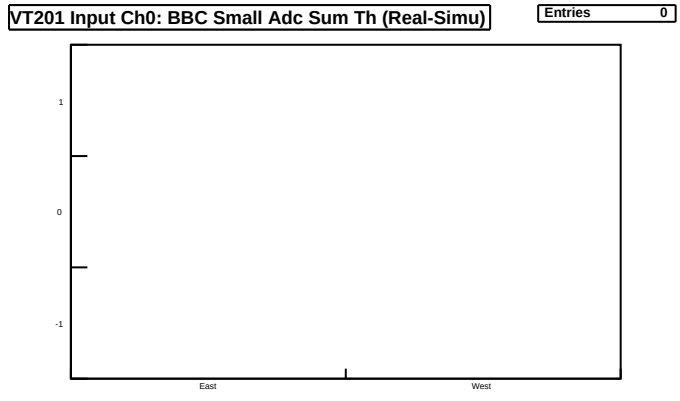

zdcAdcSum
Entries 5468544
27255
3370
15
13
8
7
86728
3995
41
35
23
21
428457
452342
455697
455699
455704
455705
368984
451717
455671
455677
455689
455691
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

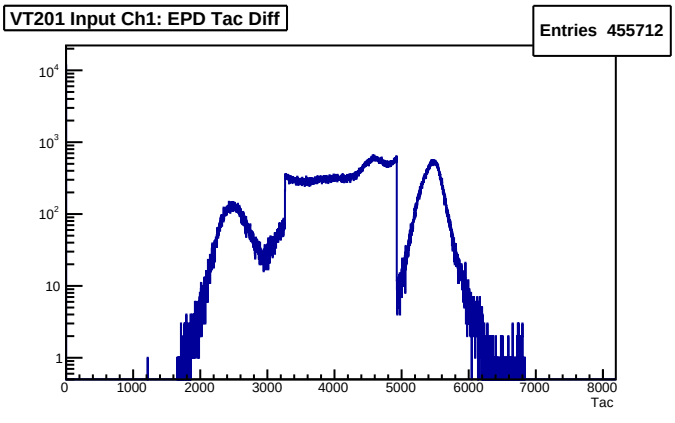

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

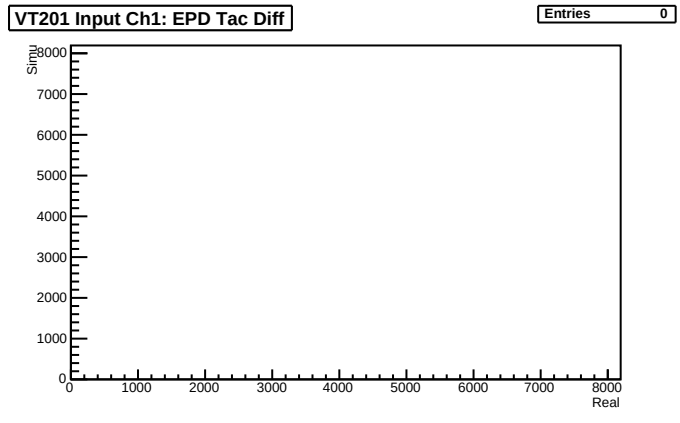

VT201 Input Ch0: BBC Small Tac Diff
Entries 455712
Tac

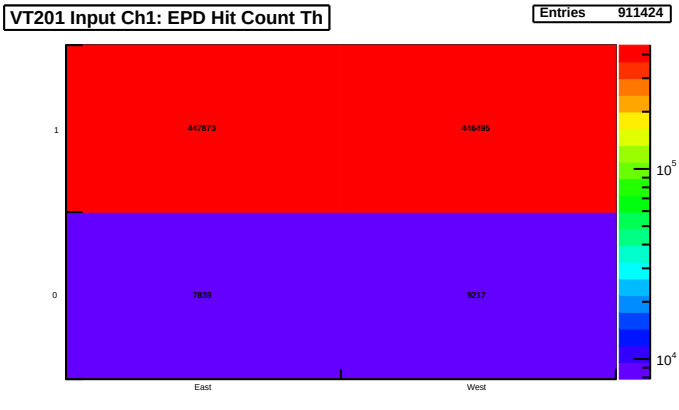

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

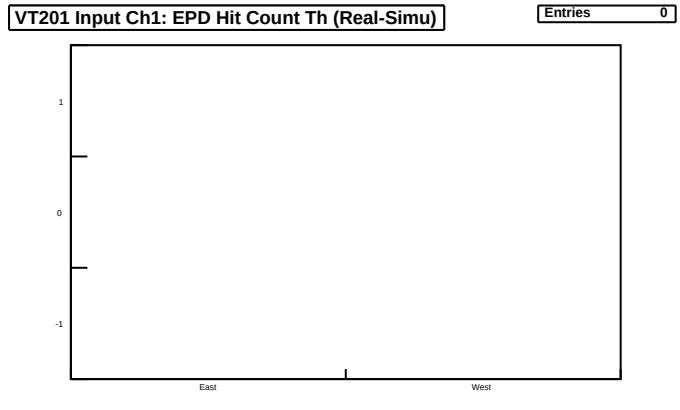

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 911424
297105
369878
158607
85834
East
West

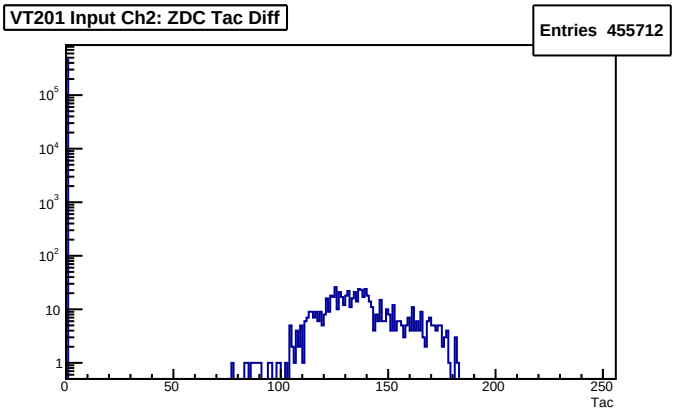

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

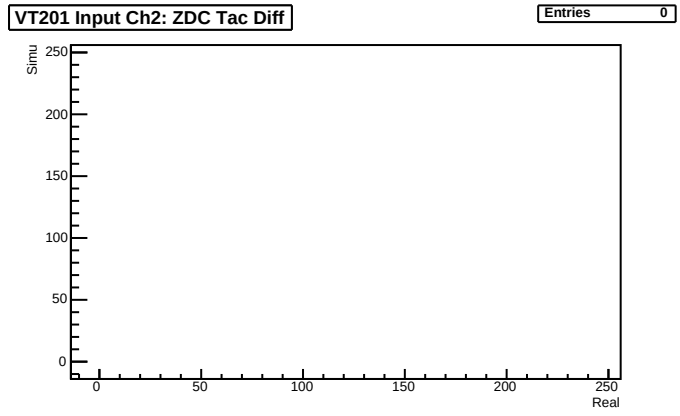

VT201 Input Ch1: EPD Tac Diff
Entries 455712
Tac

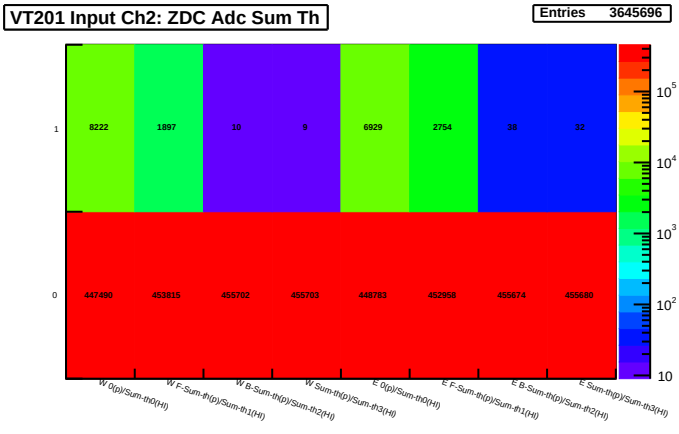

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

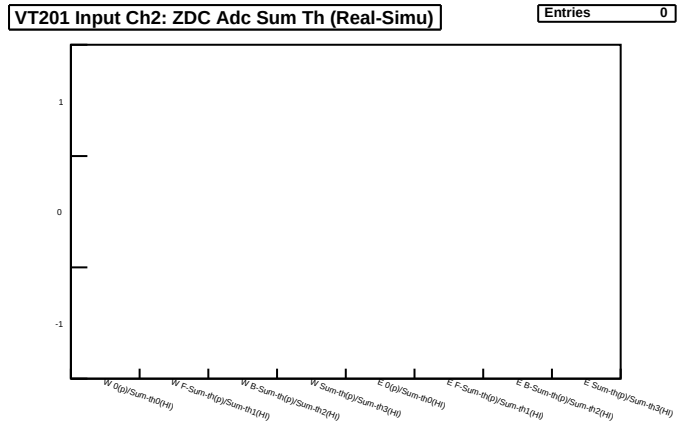

VT201 Input Ch1: EPD Hit Count Th
Entries 911424
447873
446495
7839
9217
East
West

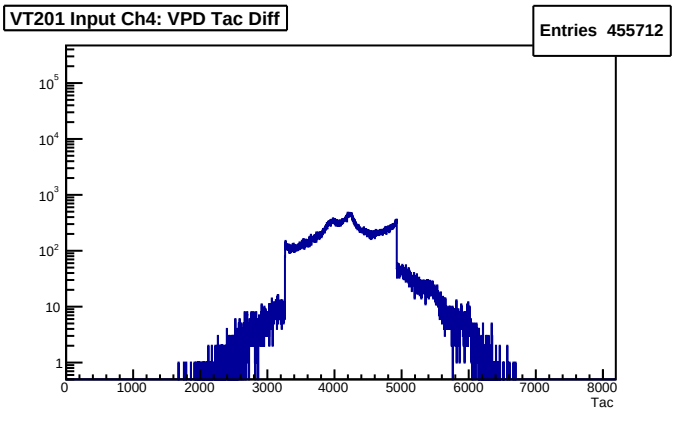

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

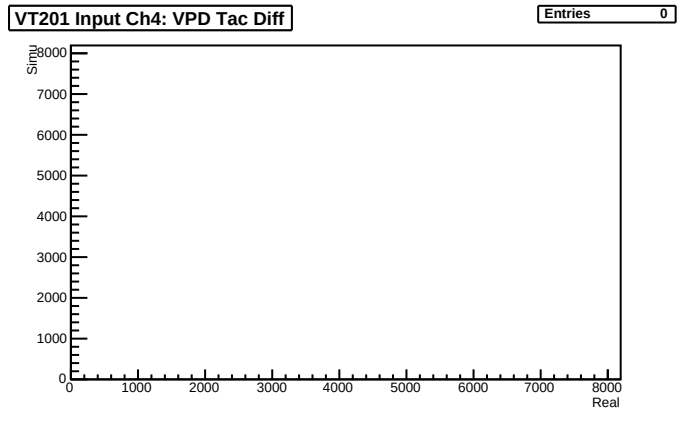

VT201 Input Ch2: ZDC Tac Diff
Entries 455712
Tac

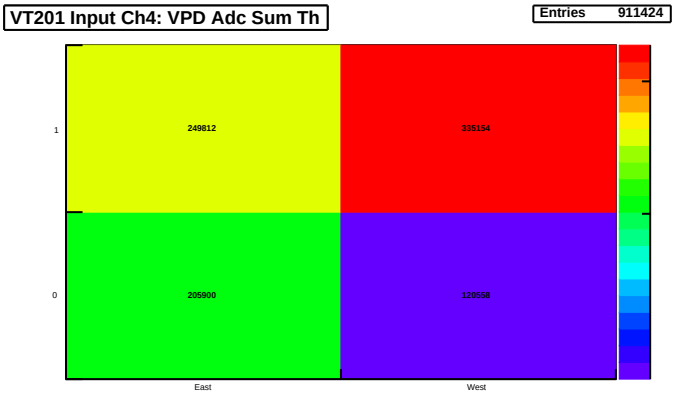

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

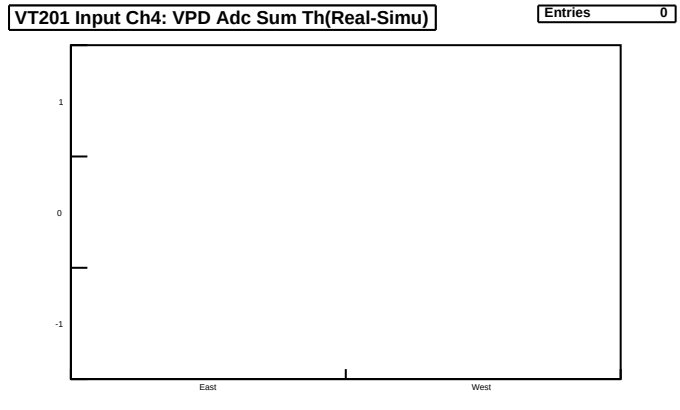

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3645696
8222
1897
10
9
6929
2754
38
32
447490
453815
455702
455703
448783
452958
455674
455680
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

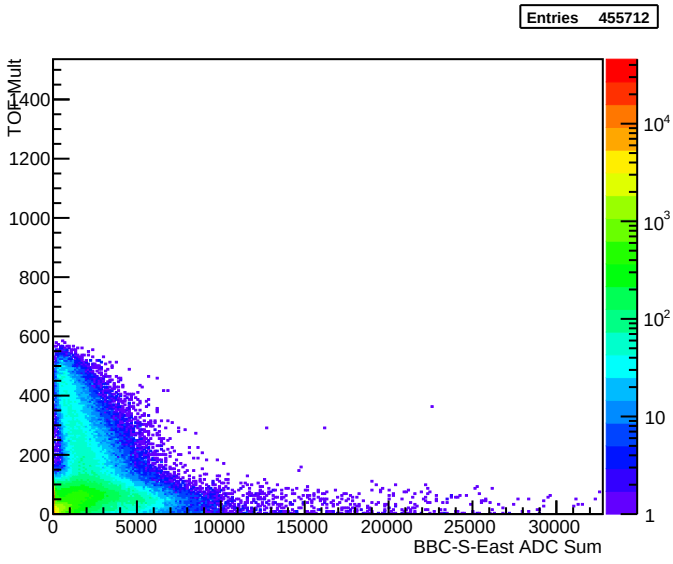

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

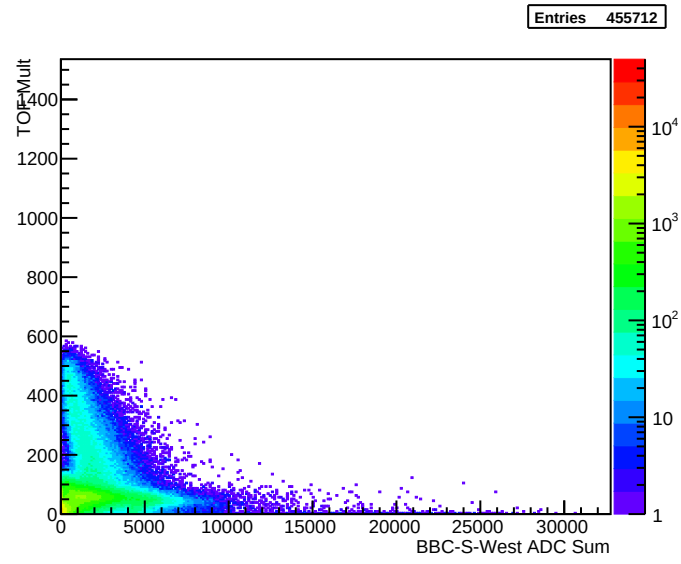

VT201 Input Ch4: VPD Tac Diff
Entries 455712
Tac

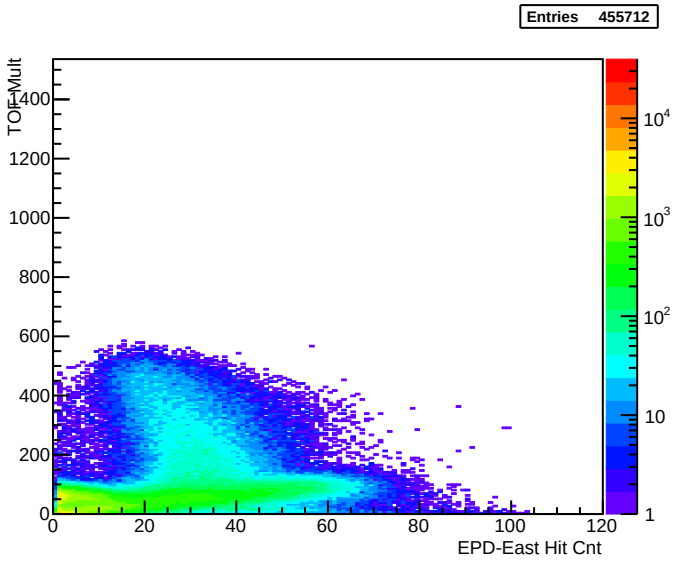

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

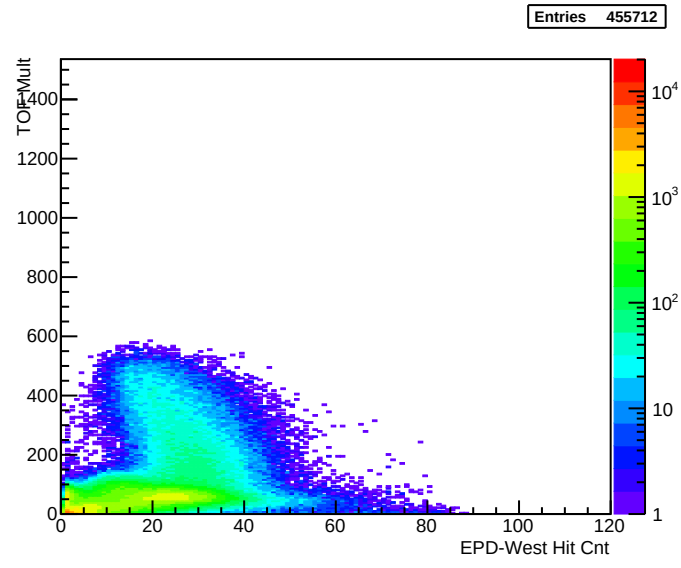

VT201 Input Ch4: VPD Adc Sum Th
Entries 911424
249812
335154
205900
120558
East
West

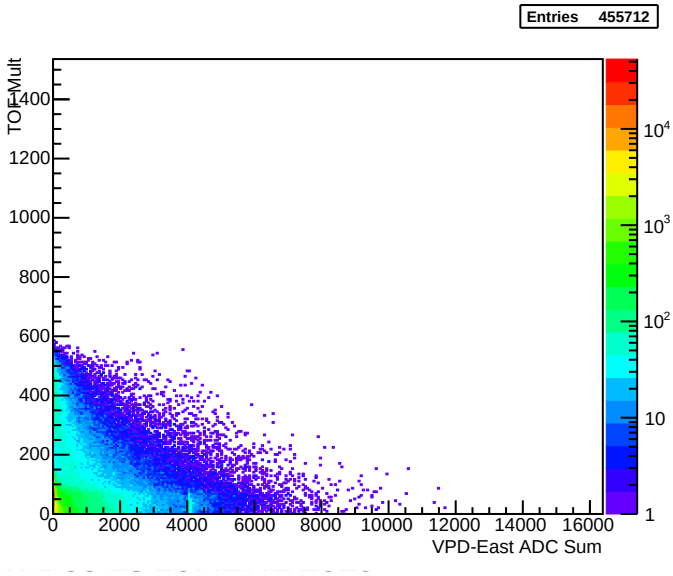

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

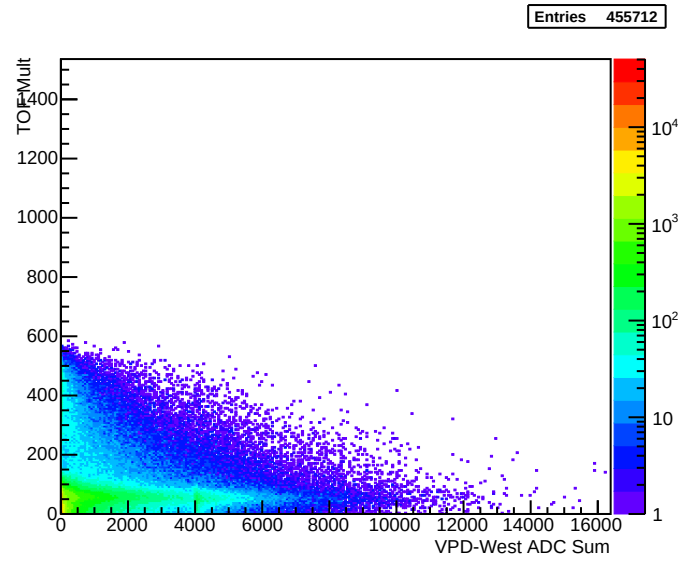

Entries 455712
TOF-Mult
BBC-S-East ADC Sum

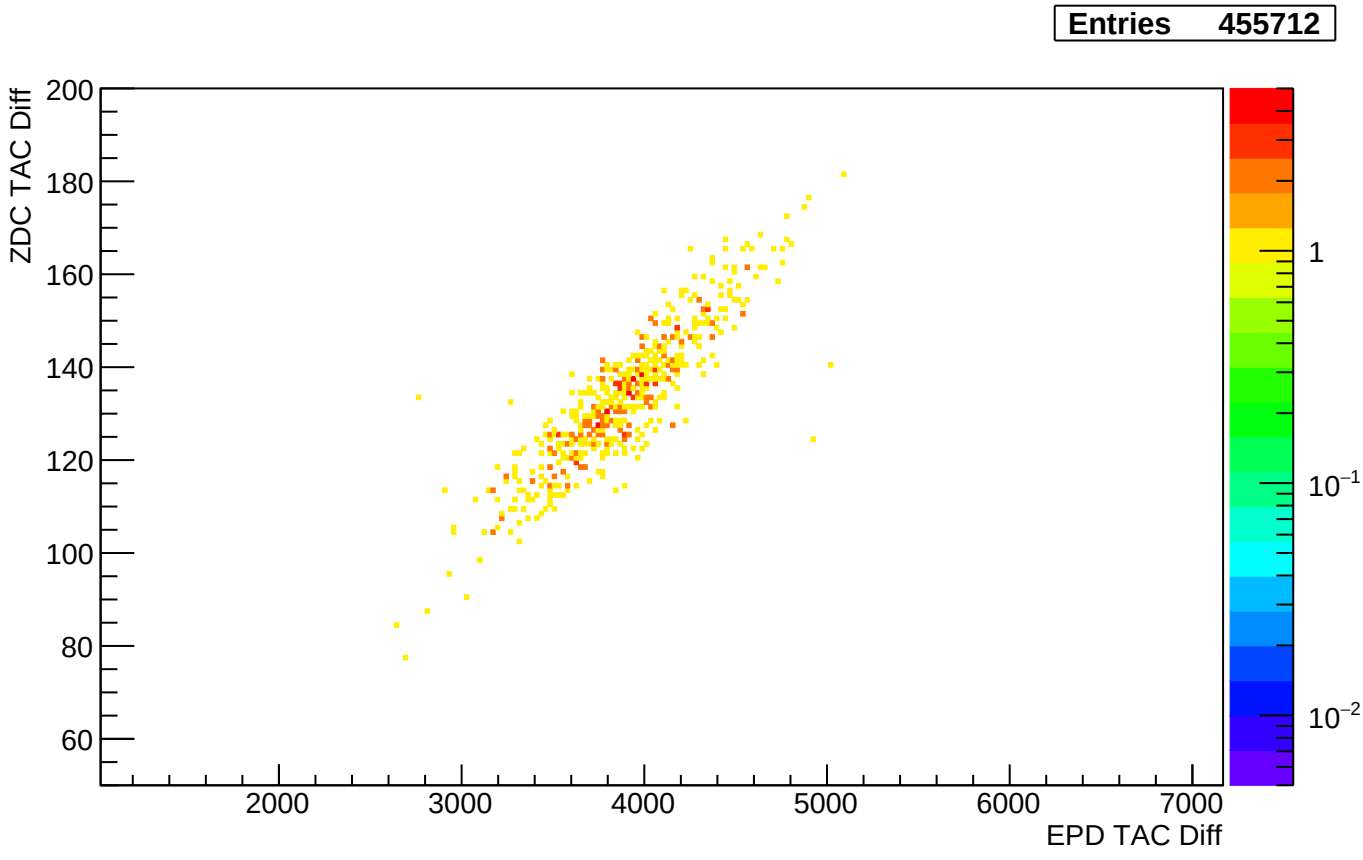

Entries 455712
TOF-Mult
BBC-S-West ADC Sum

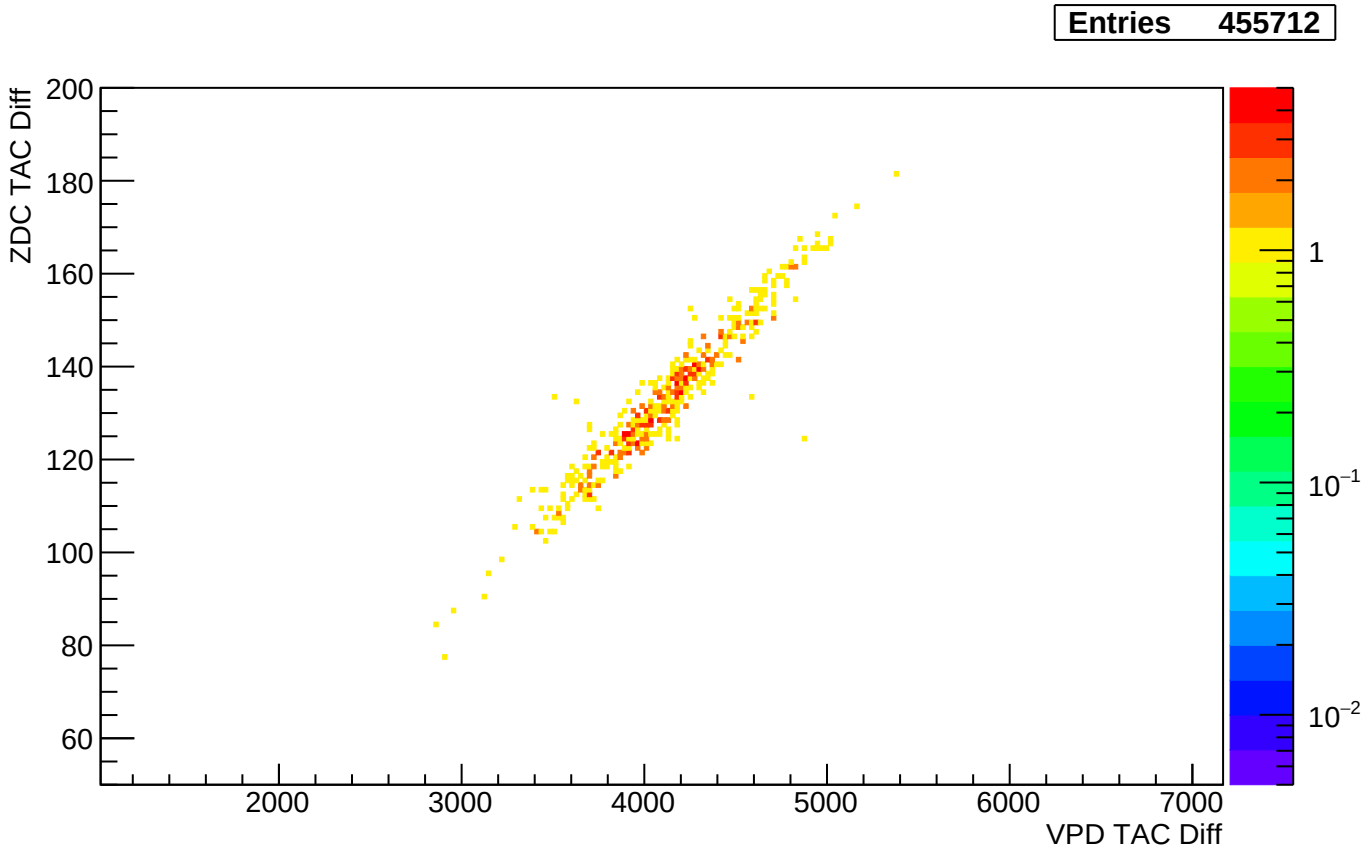

Entries 455712
TOF-Mult
EPD-East Hit Cnt

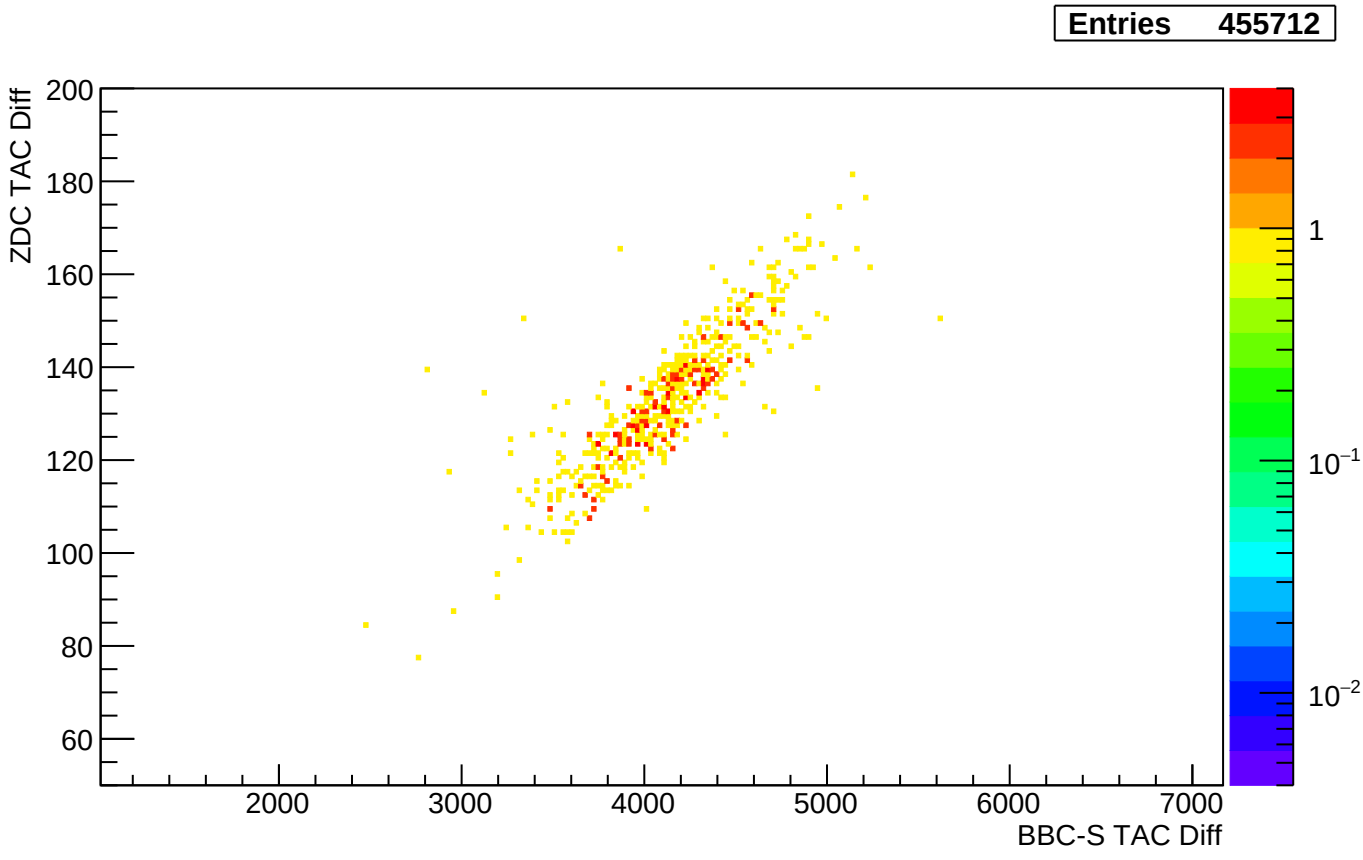

Entries 455712
TOF-Mult
EPD-West Hit Cnt

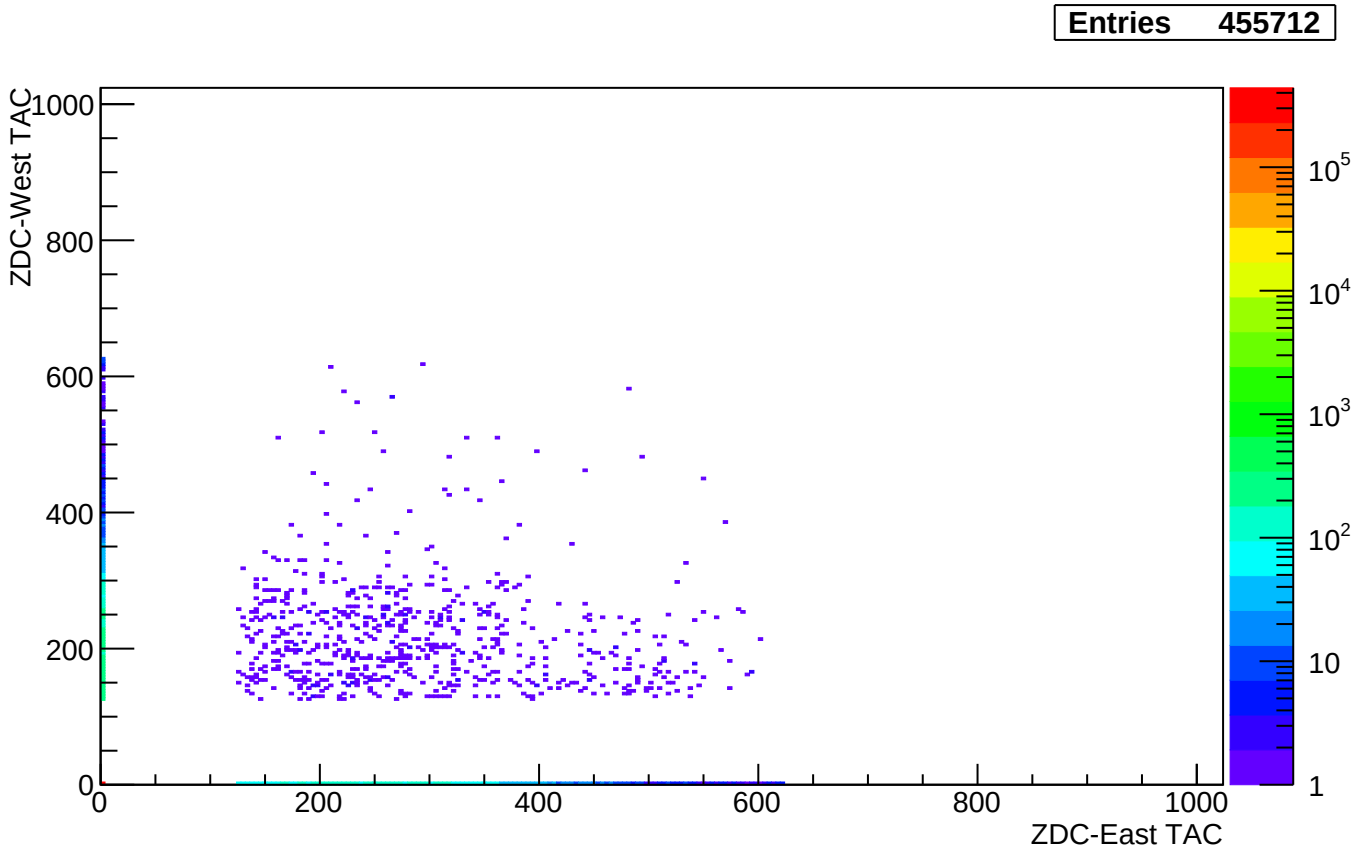

Entries 455712
TOF-Mult
VPD-East ADC Sum

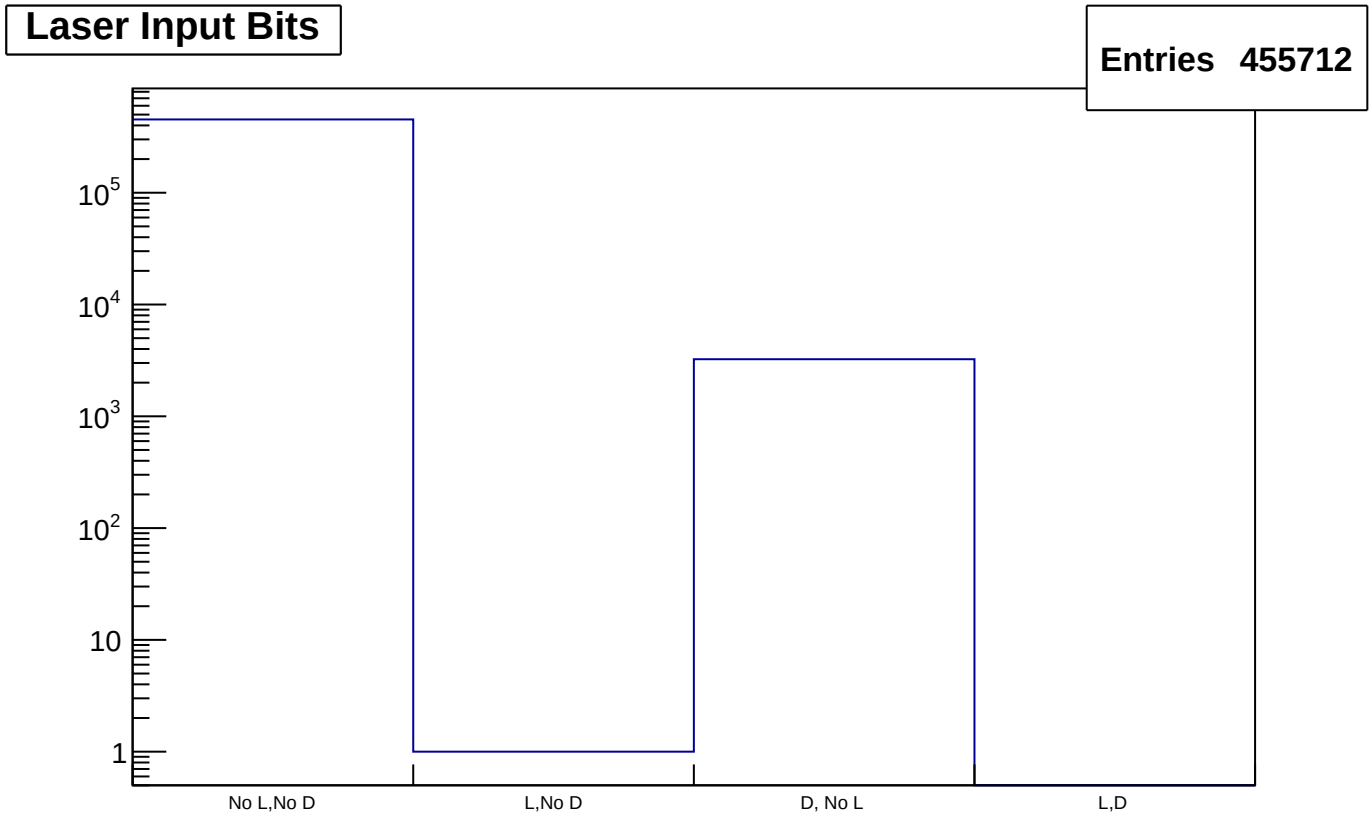

Entries 455712
TOF-Mult
VPD-West ADC Sum

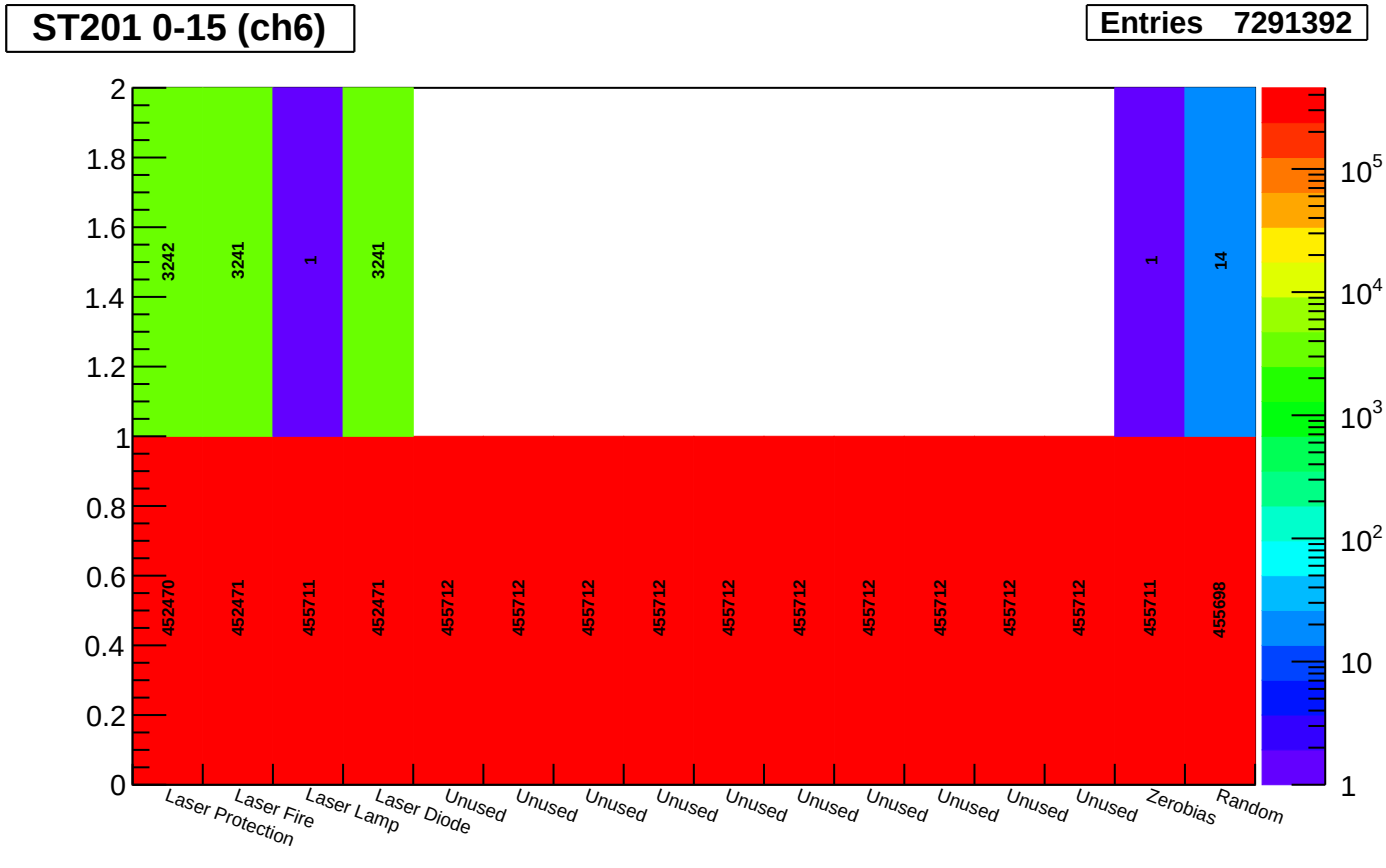

Entries 455712
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

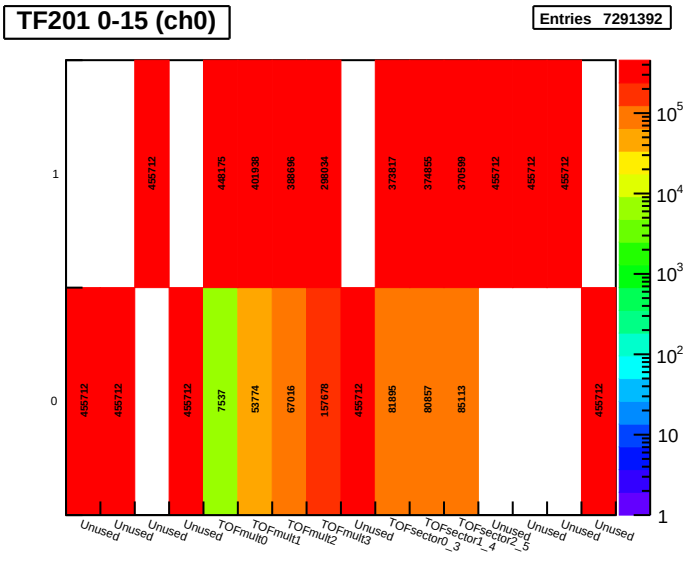

Entries 455712
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

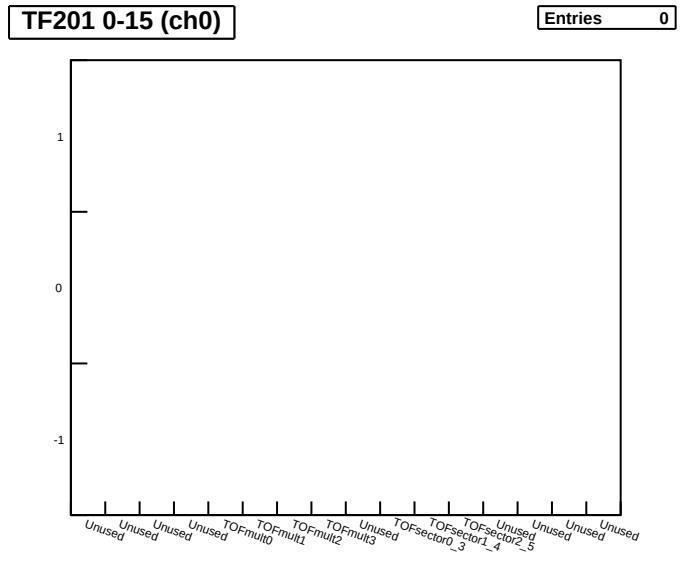

Entries 455712
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

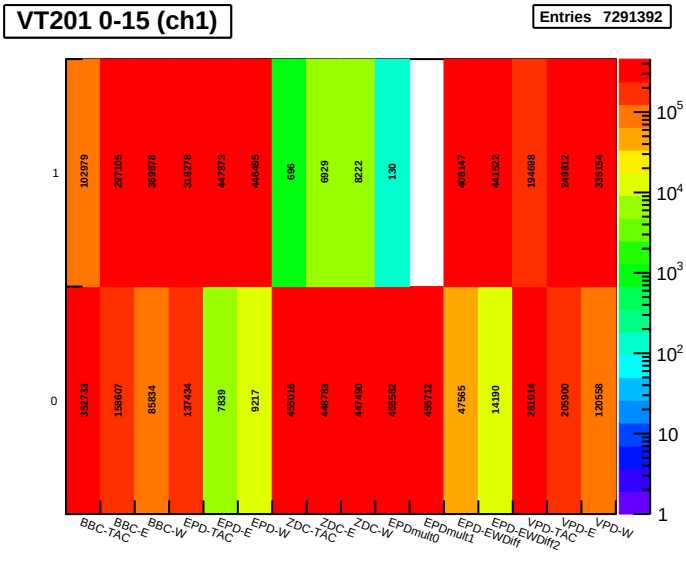

Entries 455712
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

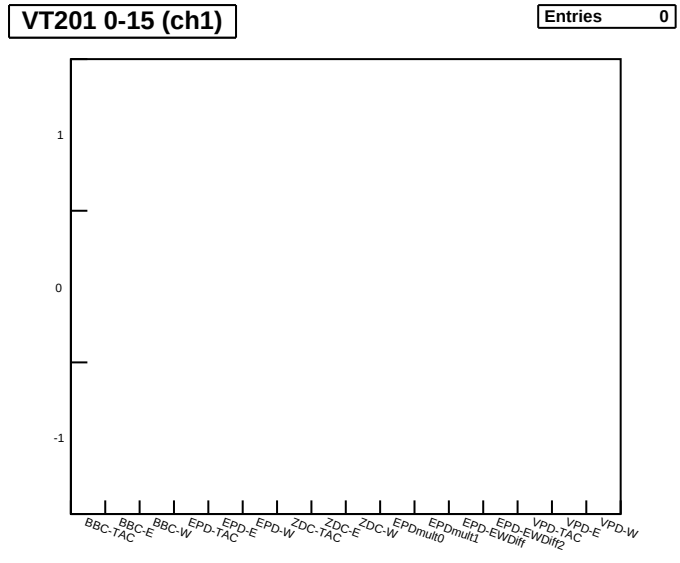

Laser Input Bits
Entries 455712
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

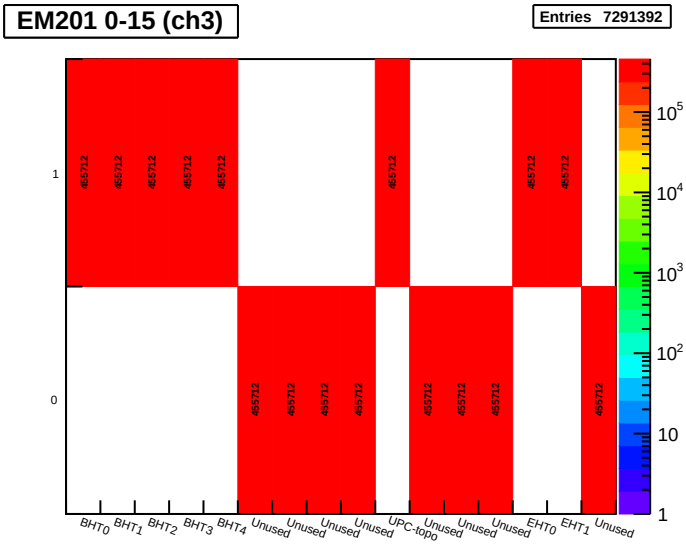

ST201 0-15 (ch6)
Entries 7291392
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3242
3241
1
3241
1
14
452470
452471
455711
452471
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
455711
455698
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

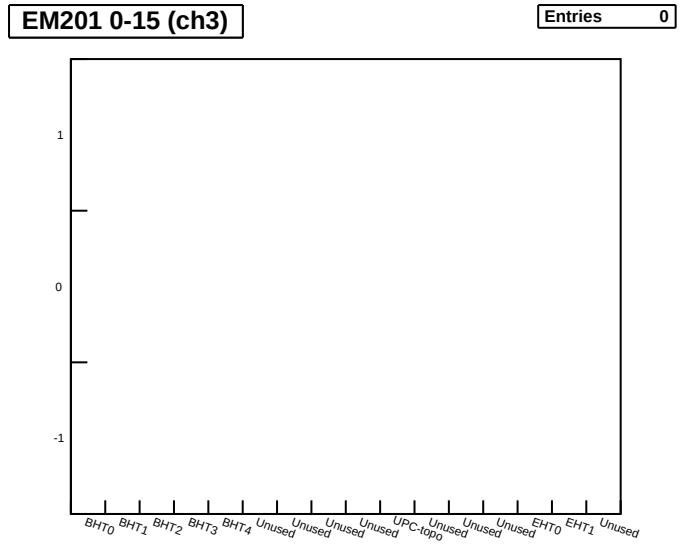

TF201 0-15 (ch0)
Entries 7291392
1
0
455712
448175
401938
388696
298034
373817
374855
370599
455712
455712
455712
455712
455712
455712
7537
53774
67016
157678
455712
81895
80857
85113
455712
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused


VT201 0-15 (ch1)
Entries 7291392
1
0
102979
297105
369878
318278
447873
446495
696
6929
8222
130
408147
441532
194698
249812
335154
332733
158607
85834
137434
7639
9217
455016
448783
447490
455582
455712
47565
14190
261014
205900
120558
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
10^5
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 7291392
1
0
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
455712
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused