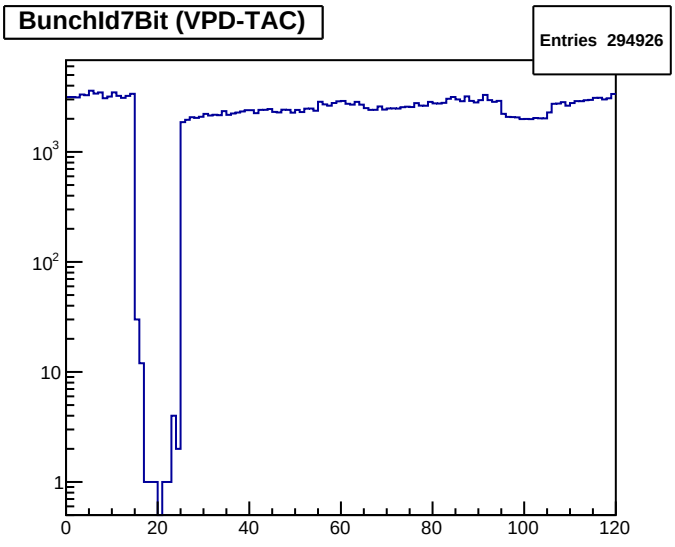
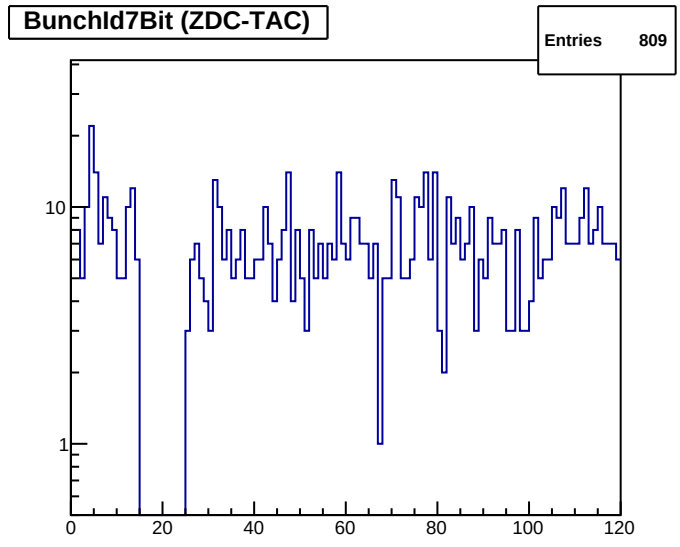
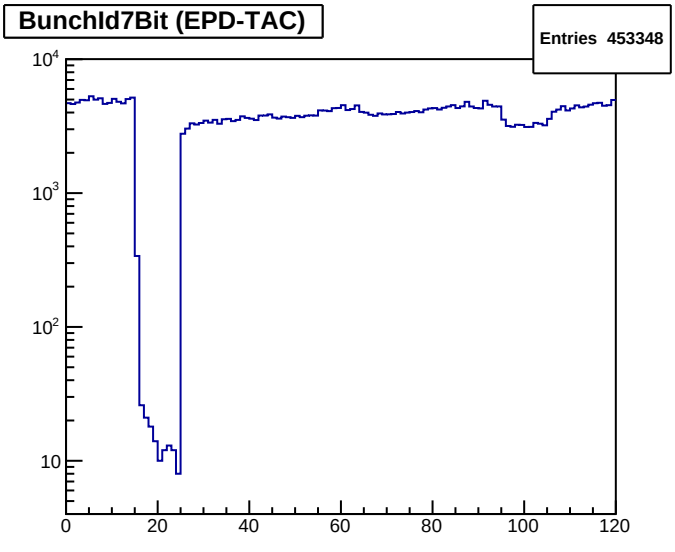
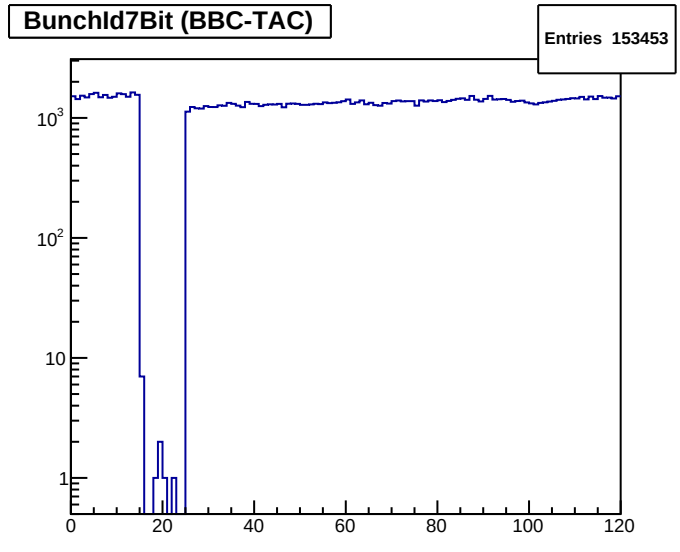
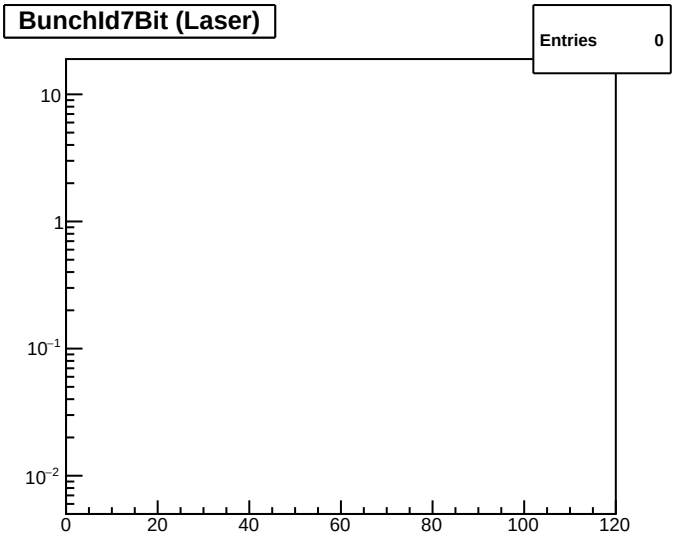
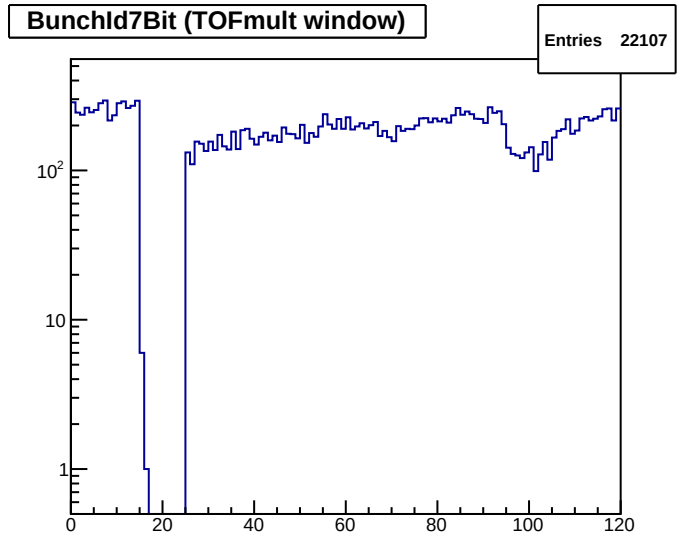

BunchId7Bit (VPD-TAC)
Entries 294926

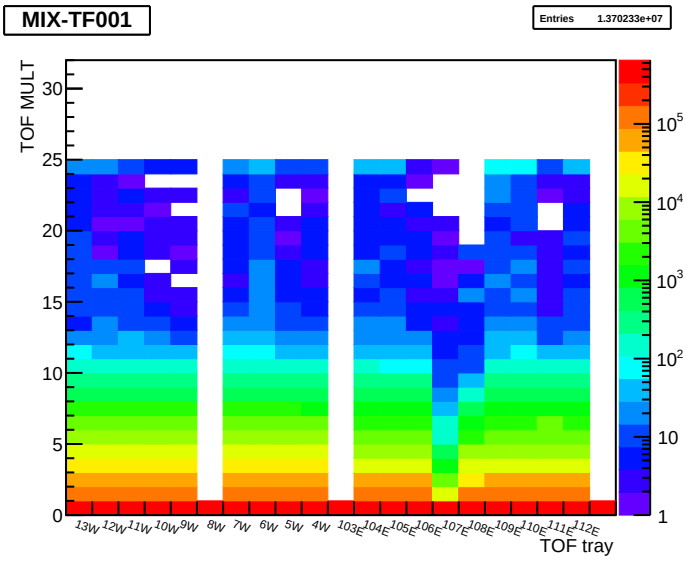

BunchId7Bit (ZDC-TAC)
Entries 809

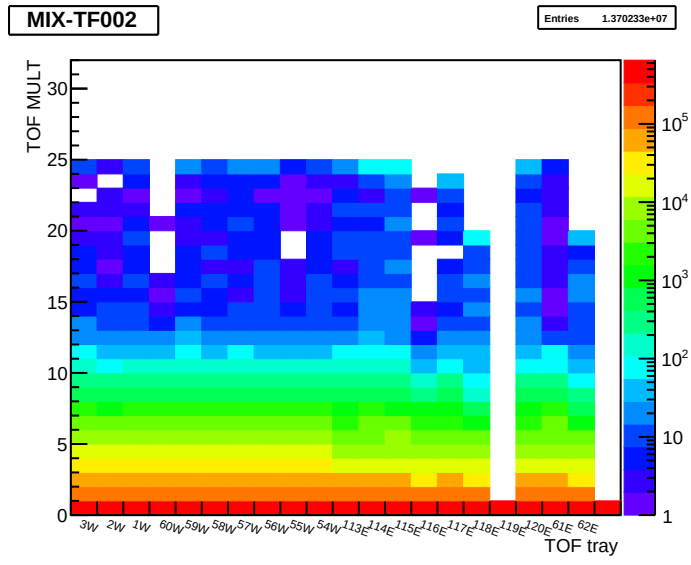

BunchId7Bit (EPD-TAC)
Entries 453348

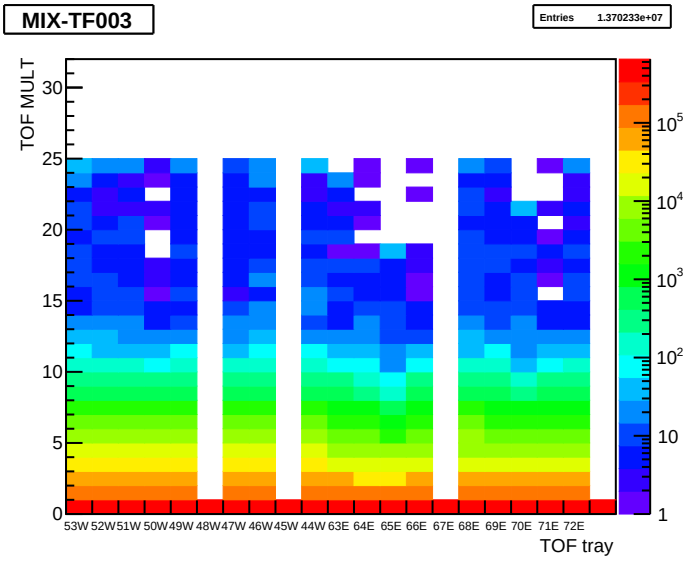

BunchId7Bit (BBC-TAC)
Entries 153453

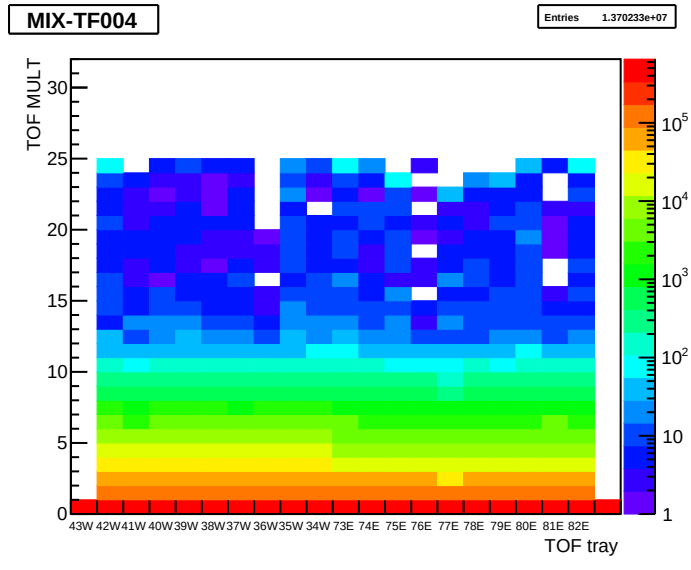

BunchId7Bit (Laser)
Entries 0

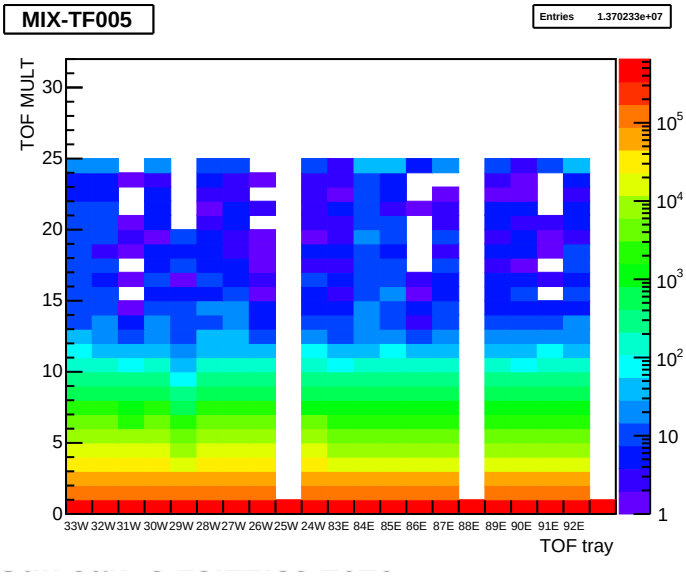

BunchId7Bit (TOFmult window)
Entries 22107

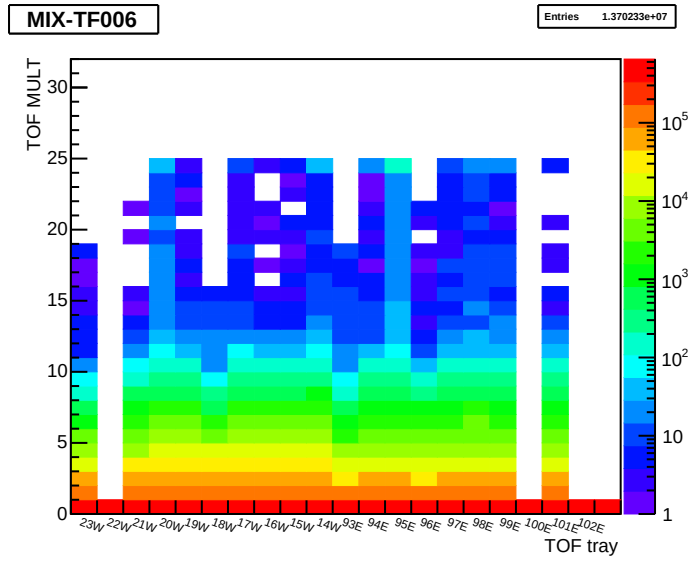

MIX-TF001
Entries 1.370233e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

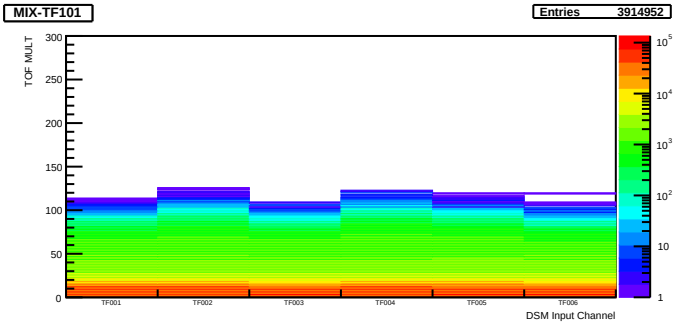

MIX-TF002
Entries 1.370233e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

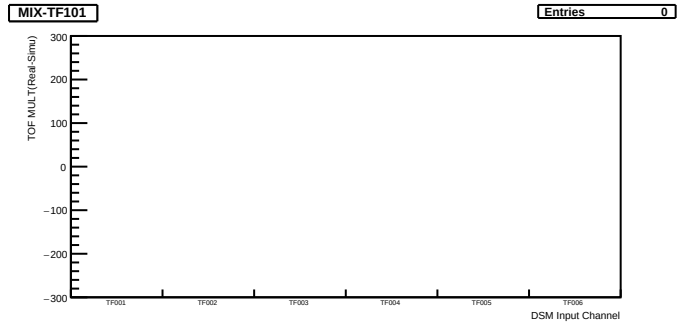

MIX-TF003
Entries 1.370233e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

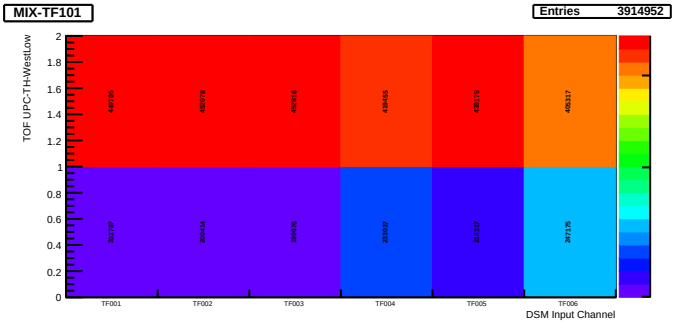

MIX-TF004
Entries 1.370233e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

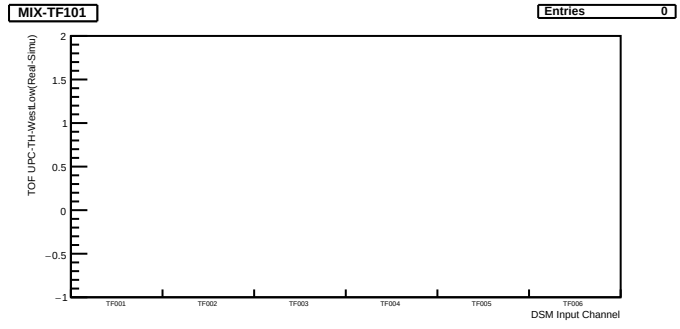

MIX-TF005
Entries 1.370233e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

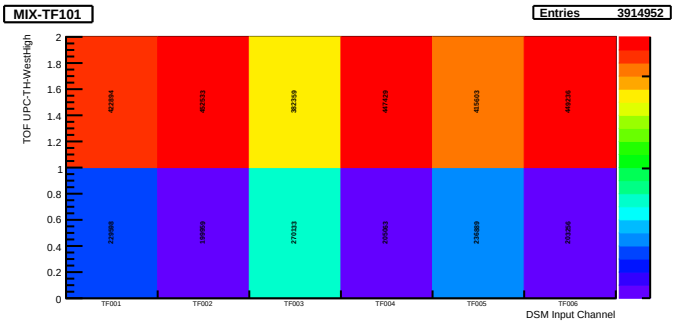

MIX-TF006
Entries 1.370233e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

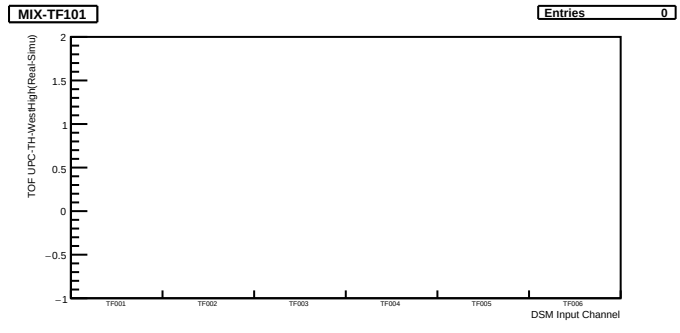

MIX-TF101
Entries 3914952
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

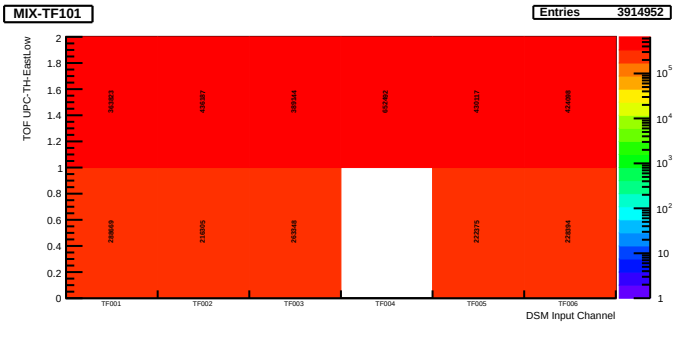

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

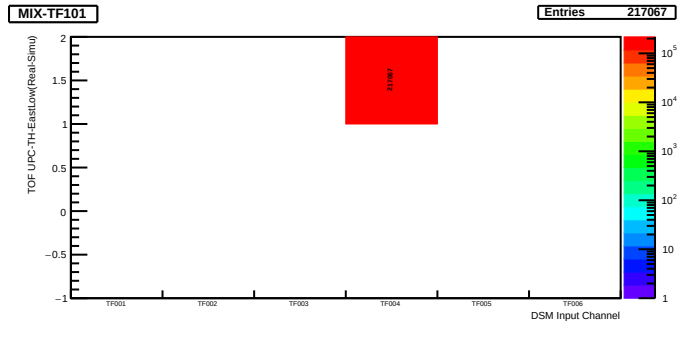

MIX-TF101
Entries 3914952
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

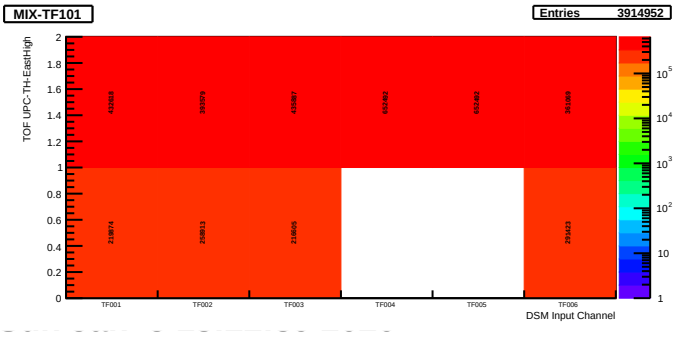

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

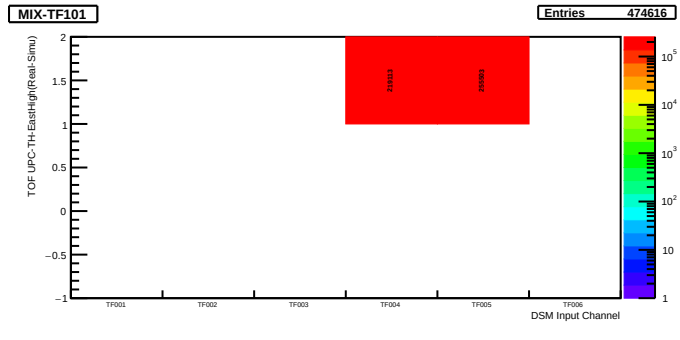

MIX-TF101
Entries 3914952
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

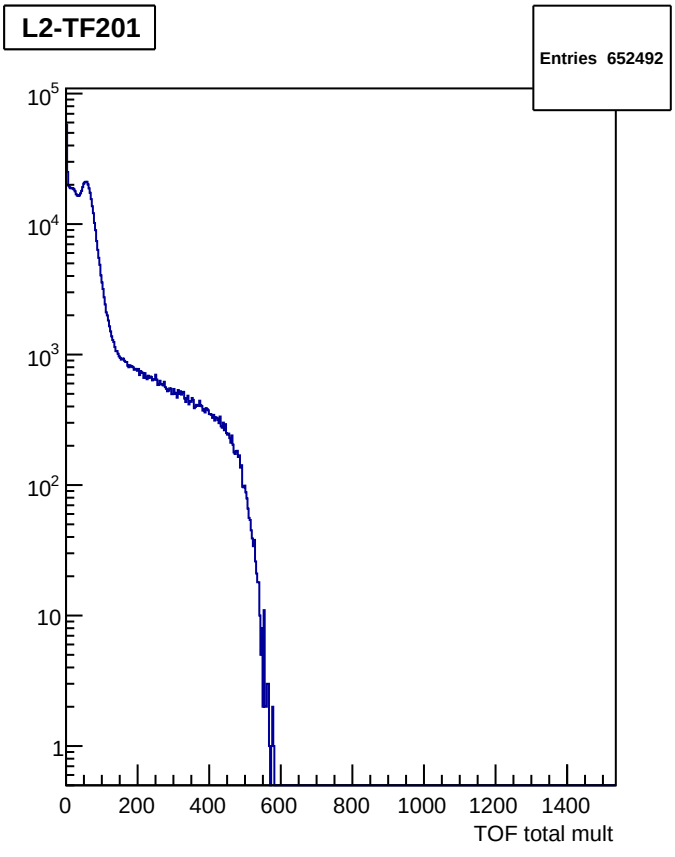

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

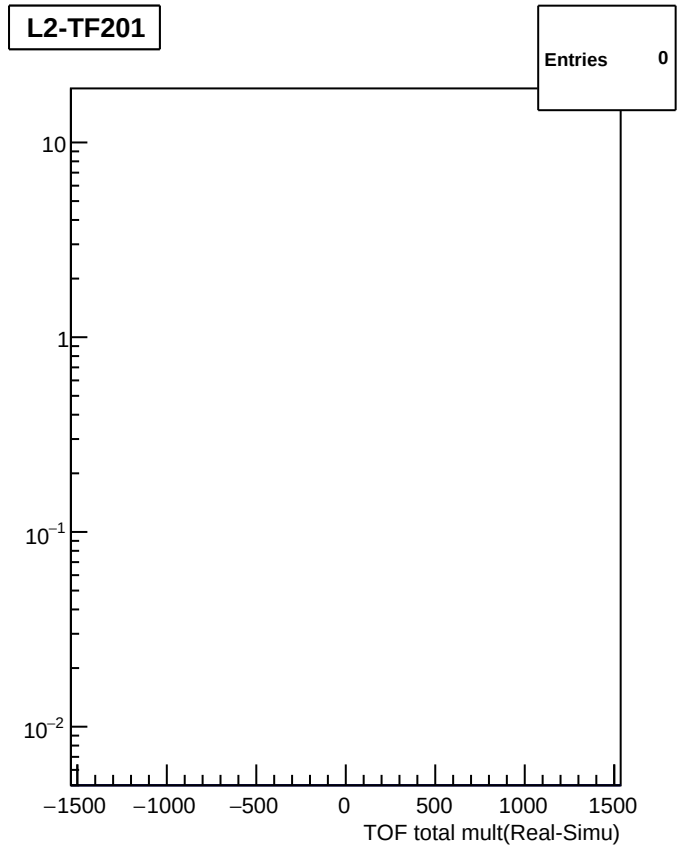

MIX-TF101
Entries 3914952
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

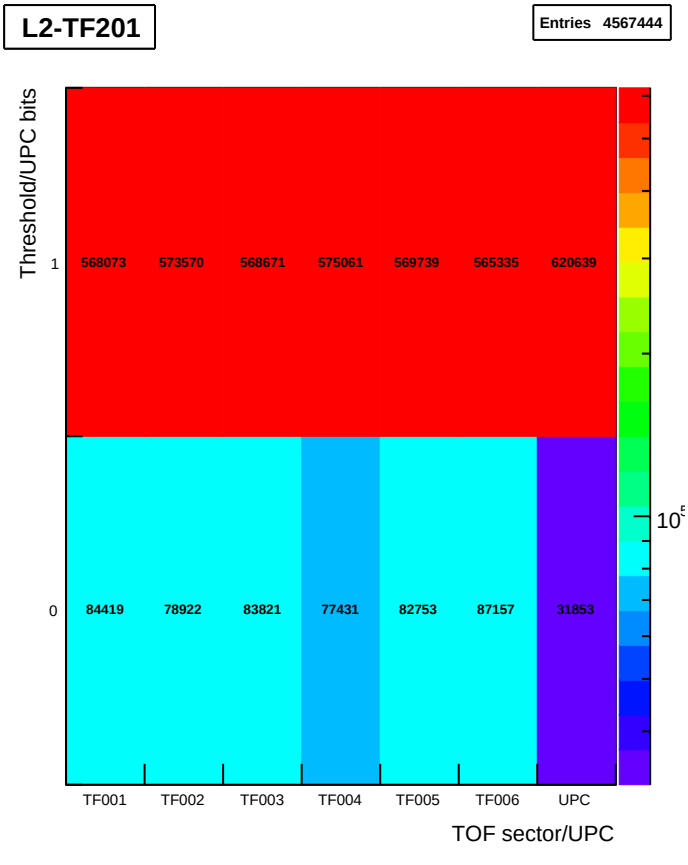

MIX-TF101
Entries 217067
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

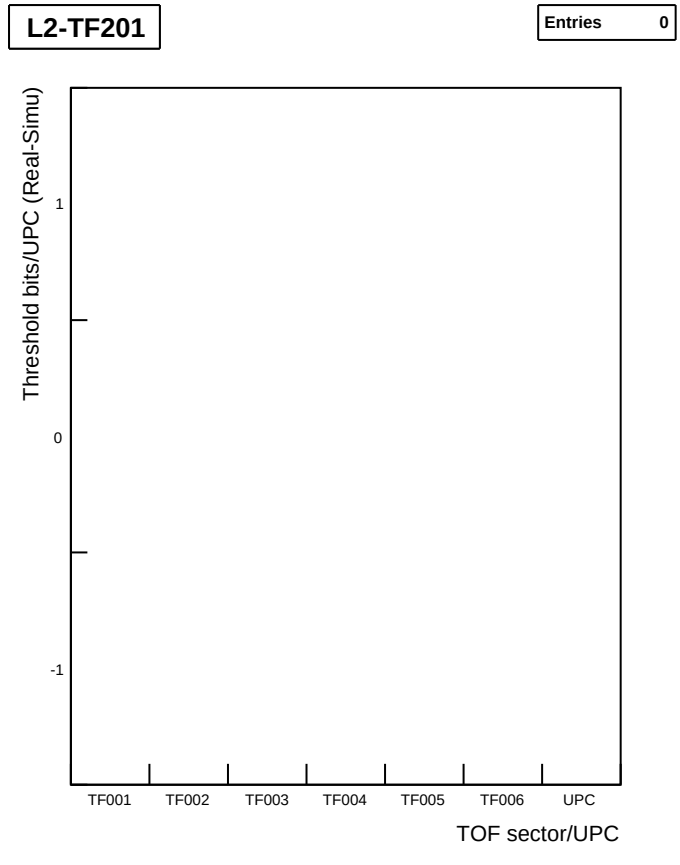

MIX-TF101
Entries 3914952
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

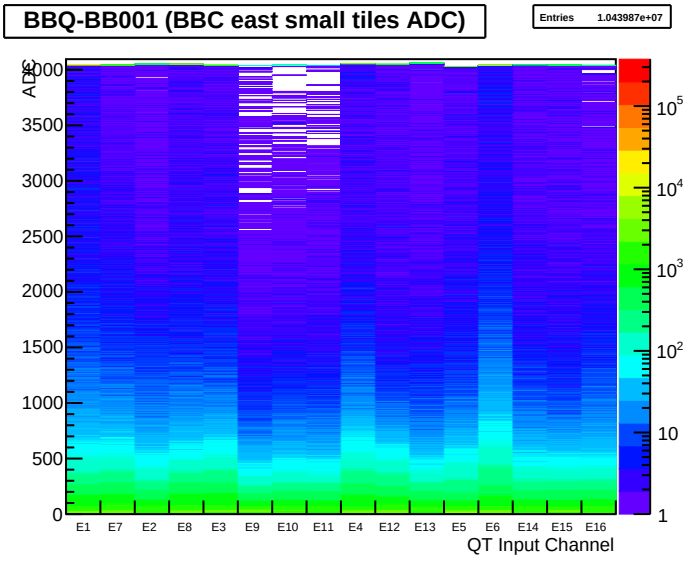

MIX-TF101
Entries 474616
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

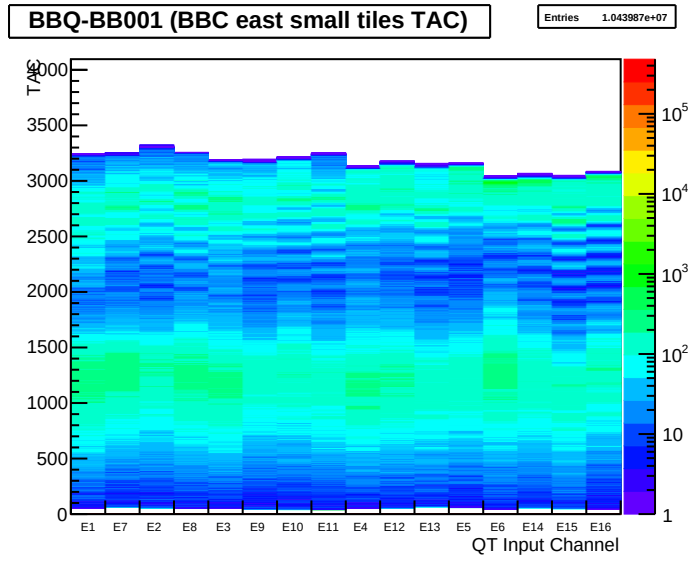

L2-TF201
Entries 652492
TOF total mult

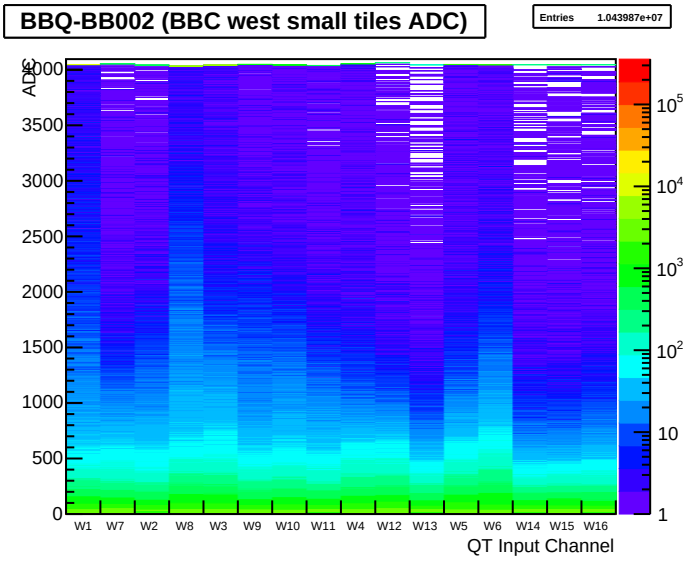

L2-TF201
Entries 0
TOF total mult(Real-Simu)

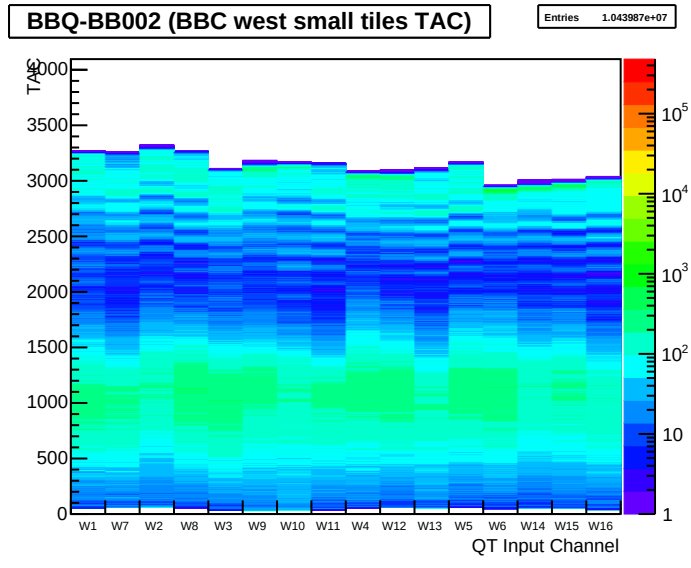

L2-TF201
Entries 4567444
Threshold/UPC bits
568073
573570
568671
575061
569739
565335
620639
84419
78922
83821
77431
82753
87157
31853
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

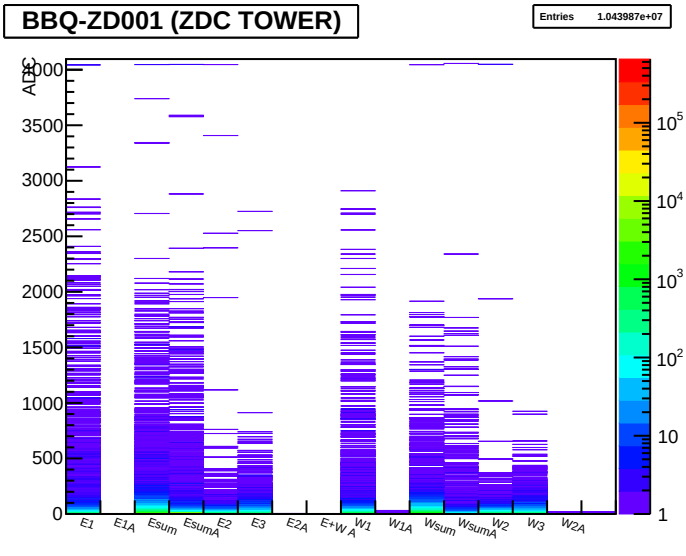

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

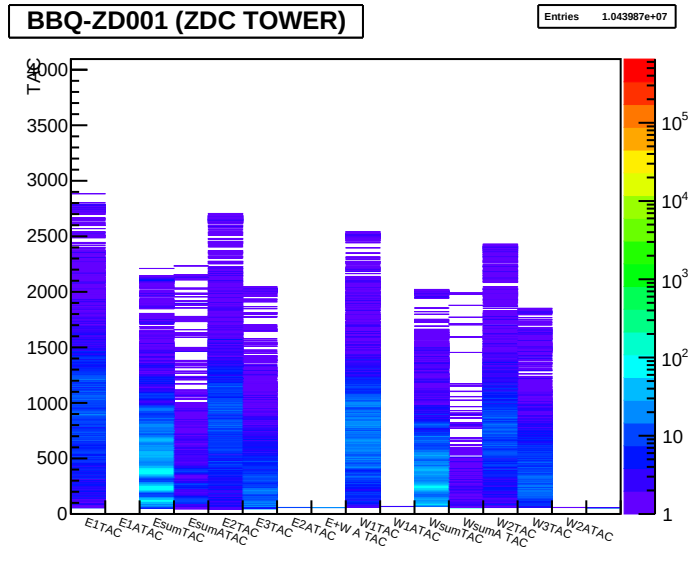

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.043987e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

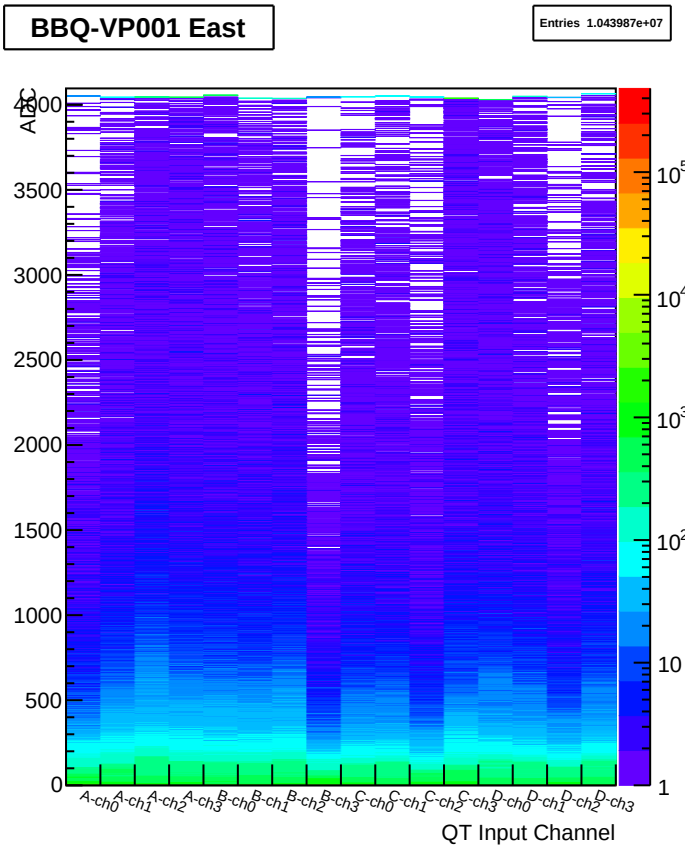

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.043987e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

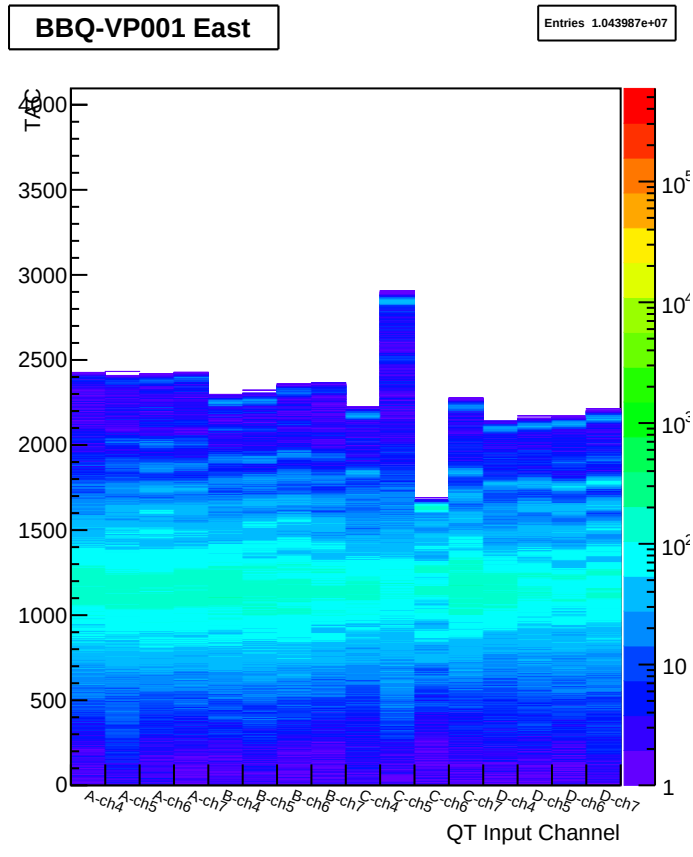

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.043987e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

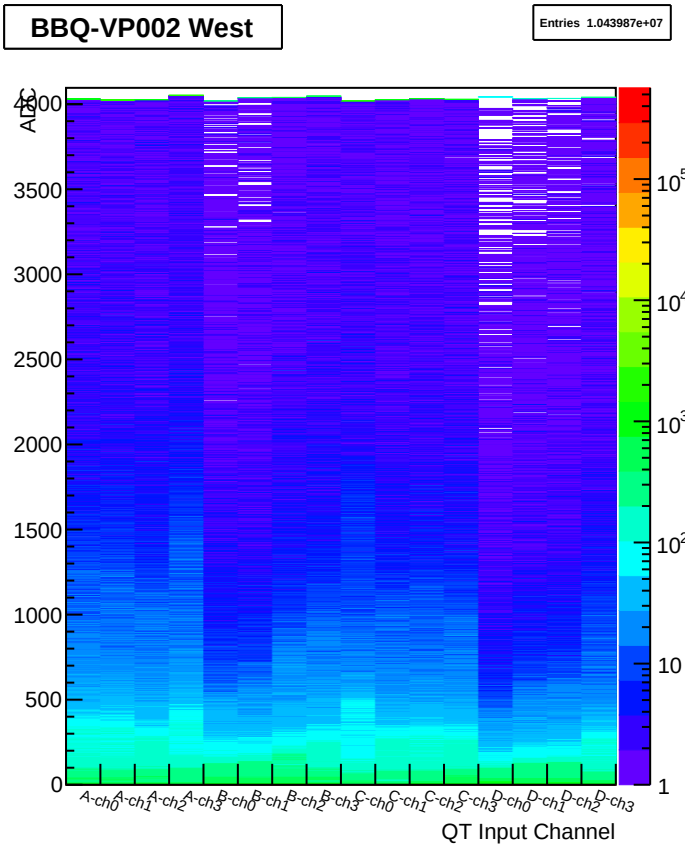

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.043987e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

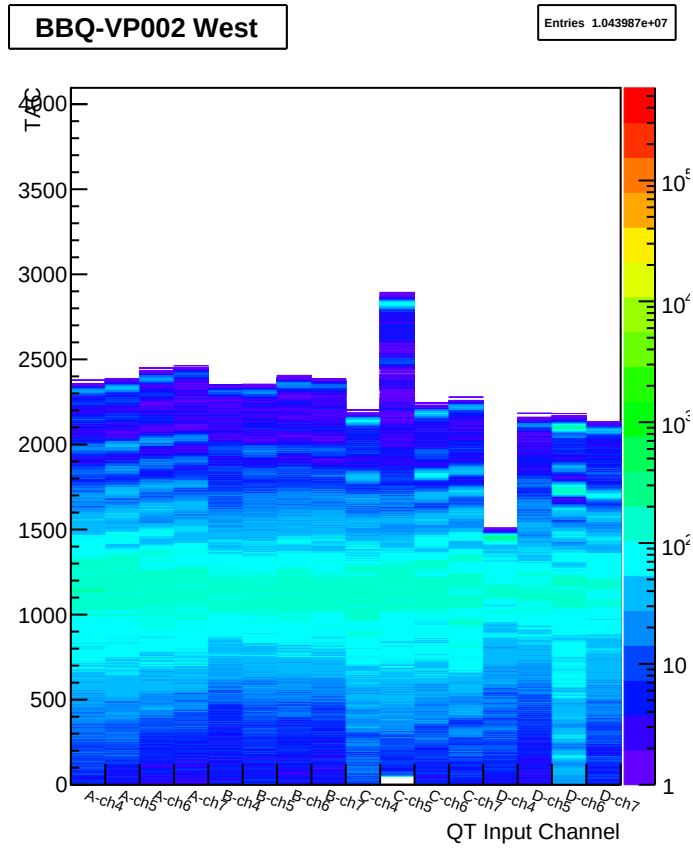

BBQ-ZD001 (ZDC TOWER)
Entries 1.043987e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

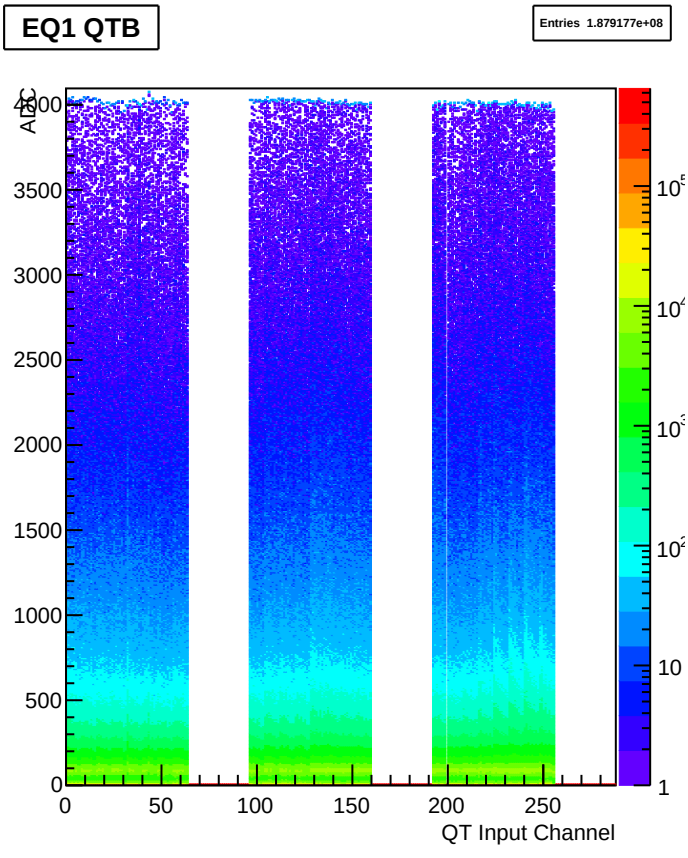

BBQ-ZD001 (ZDC TOWER)
Entries 1.043987e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

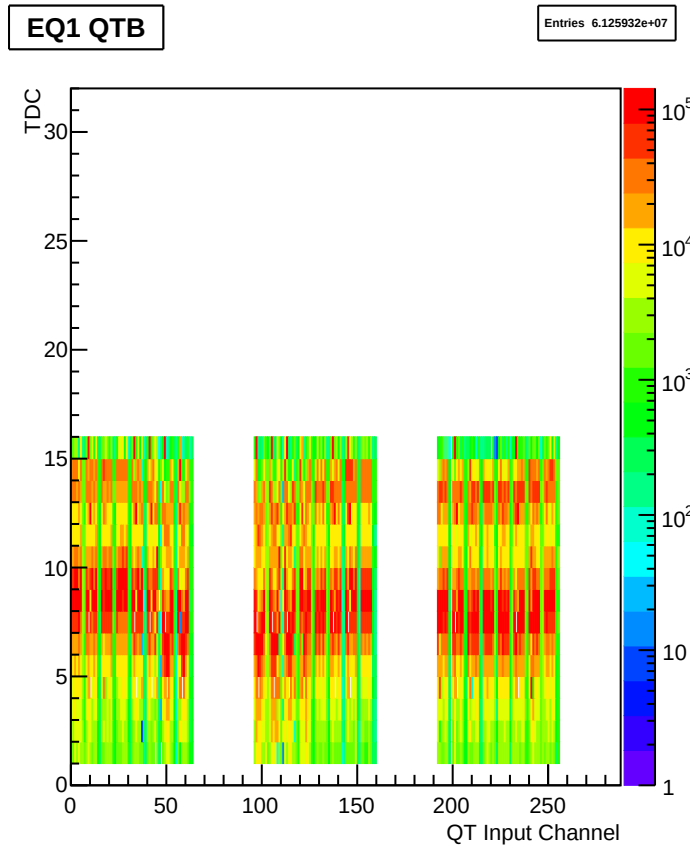

BBQ-VP001 East
Entries 1.043987e+07
ADC
QT Input Channel

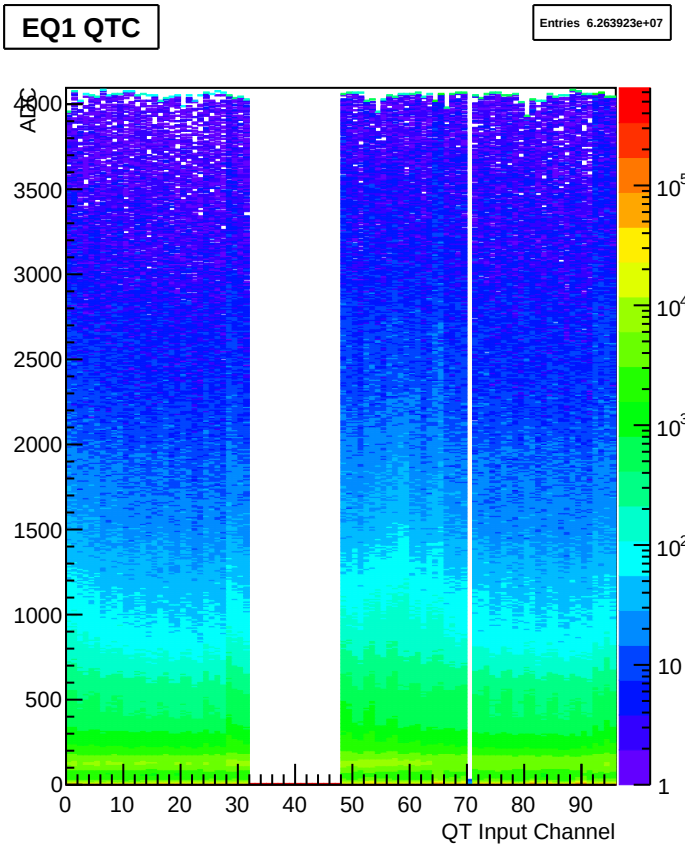

BBQ-VP001 East
Entries 1.043987e+07
TADC
QT Input Channel

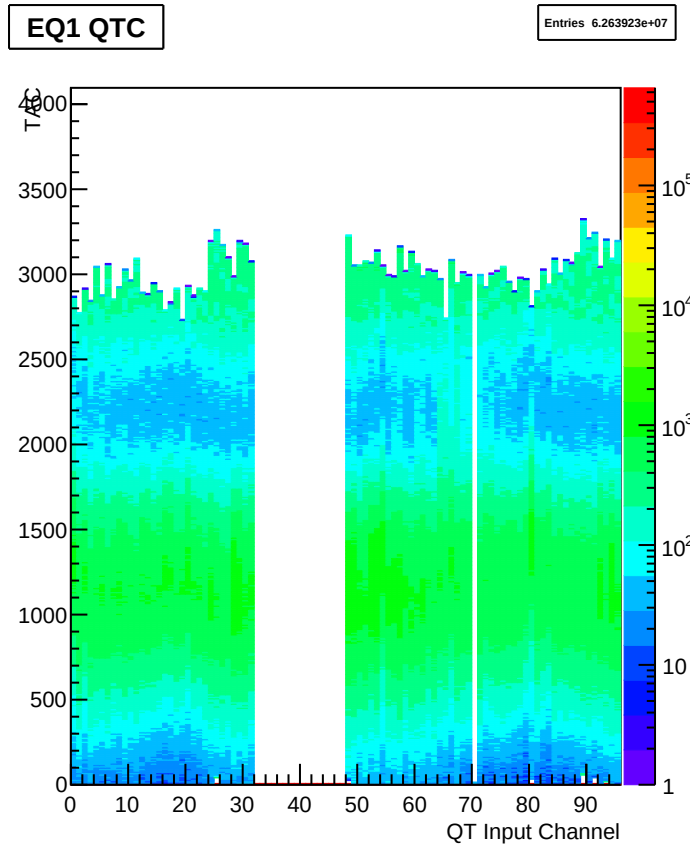

BBQ-VP002 West
Entries 1.043987e+07
ADC
QT Input Channel

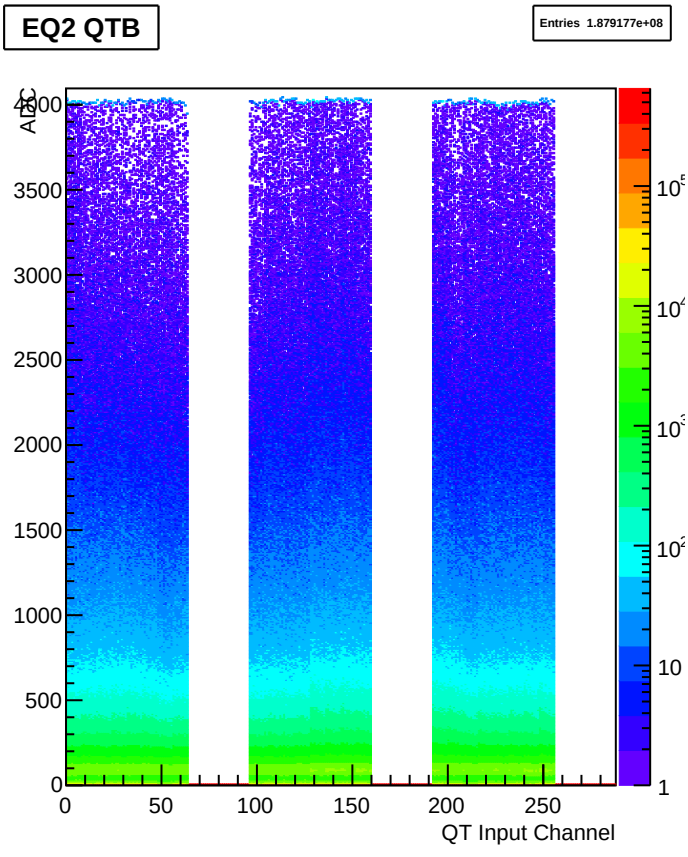

BBQ-VP002 West
Entries 1.043987e+07
TADC
QT Input Channel

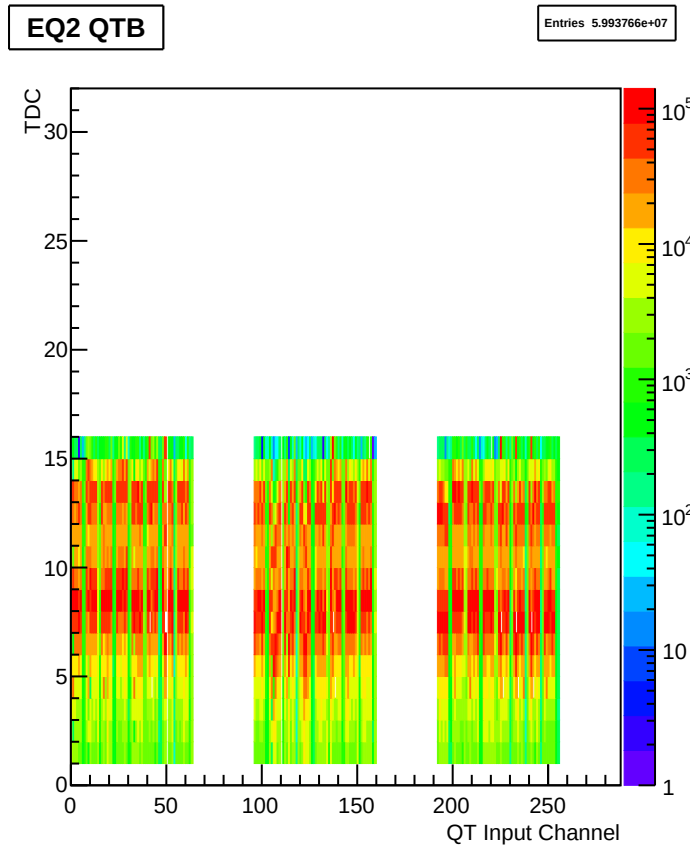

EQ1 QTB
Entries 1.879177e+08
ADC
QT Input Channel

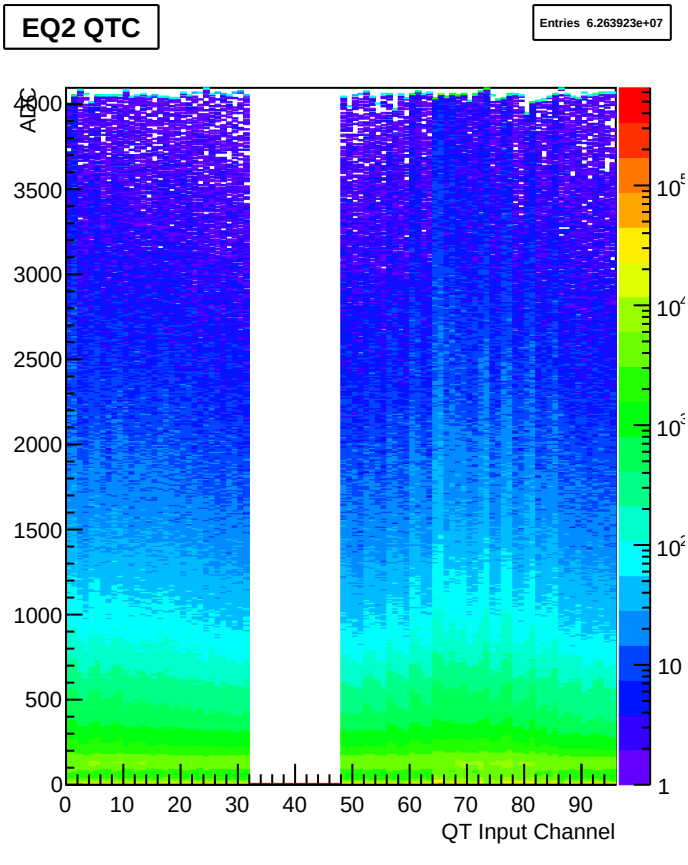

EQ1 QTB
Entries 6.125932e+07
TDC
QT Input Channel

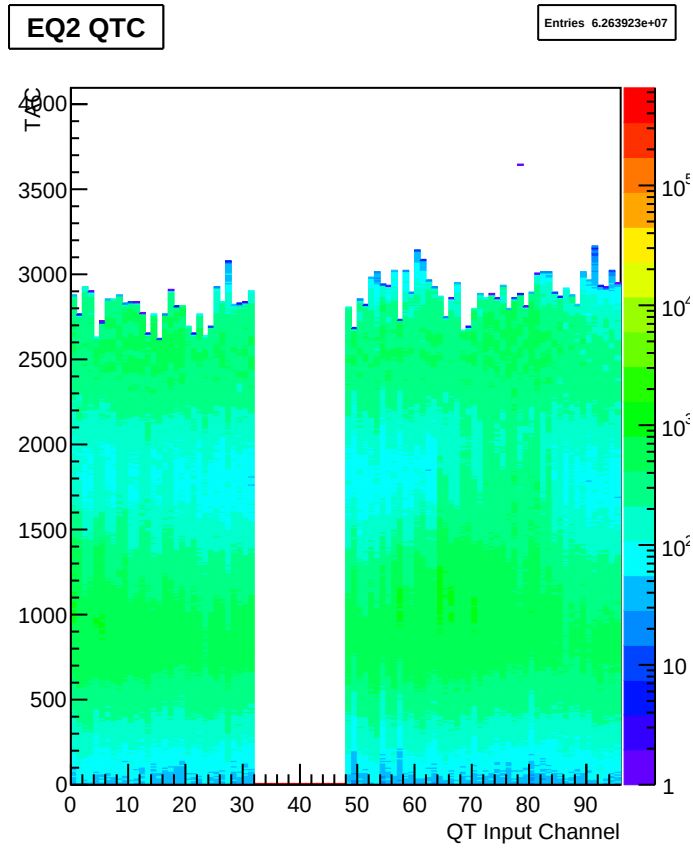

EQ1 QTC
Entries 6.263923e+07
ADC
QT Input Channel

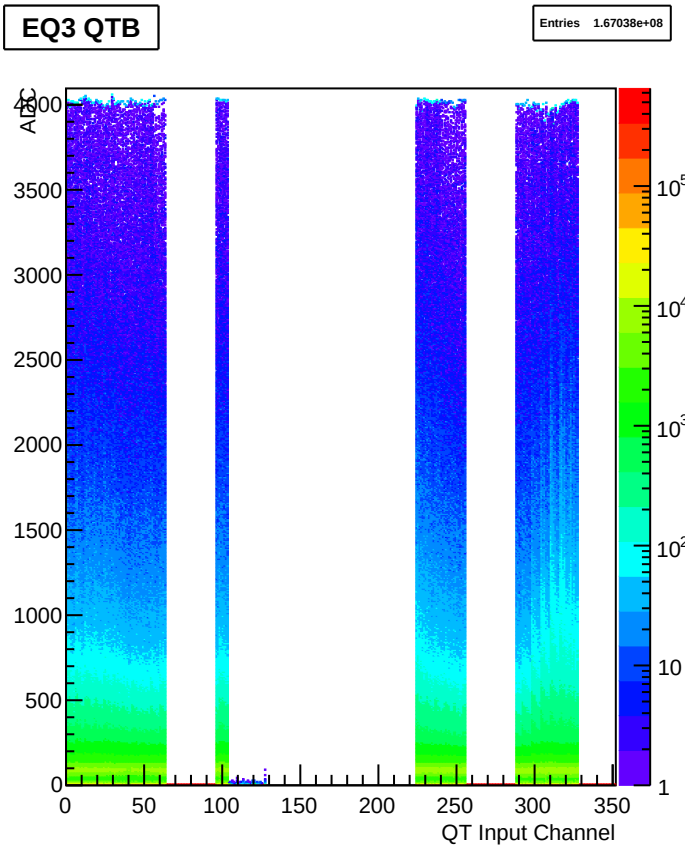

EQ1 QTC
Entries 6.263923e+07
TADC
QT Input Channel

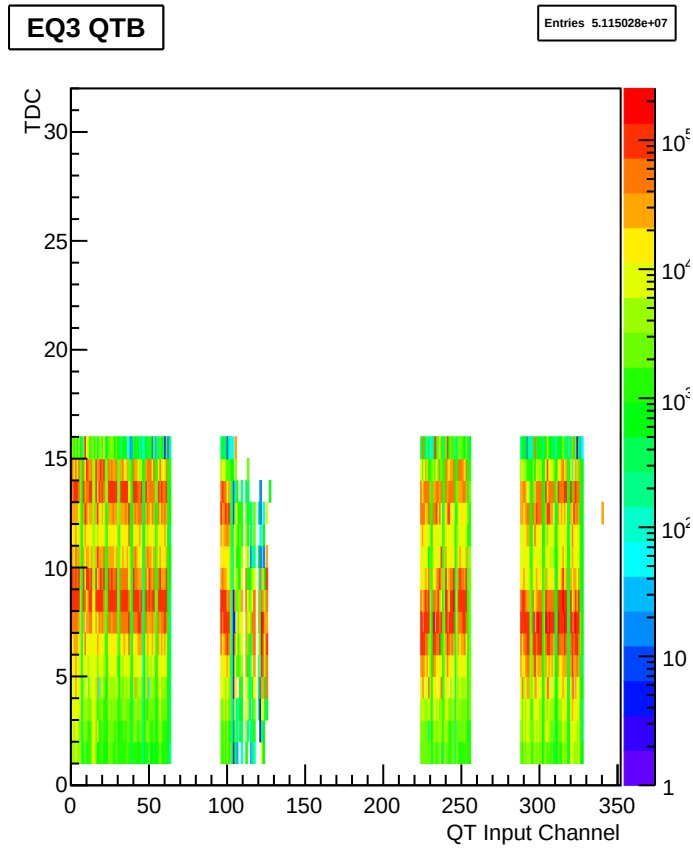

EQ2 QTB
Entries 1.879177e+08
ADC
QT Input Channel

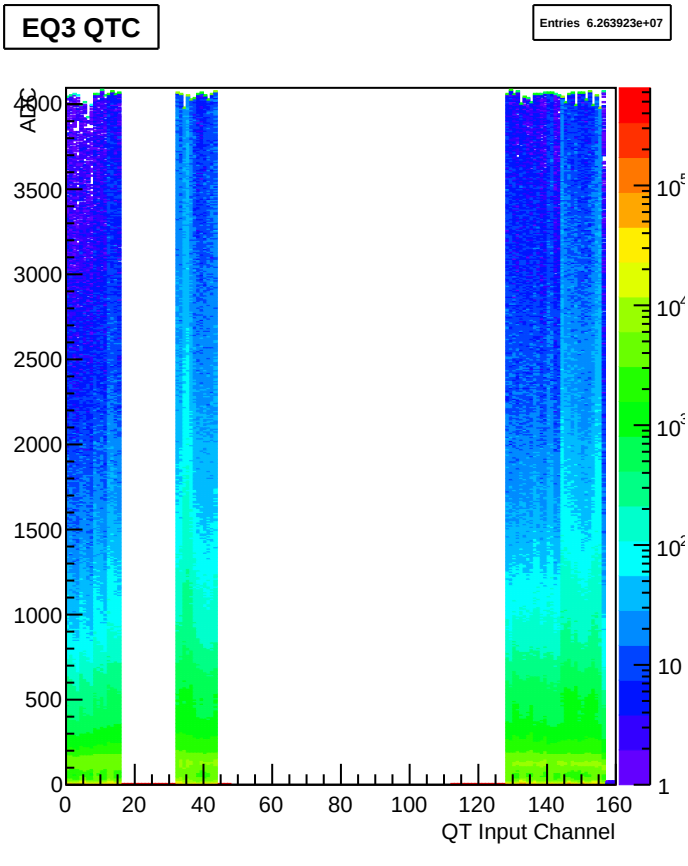

EQ2 QTB
Entries 5.993766e+07
TDC
QT Input Channel

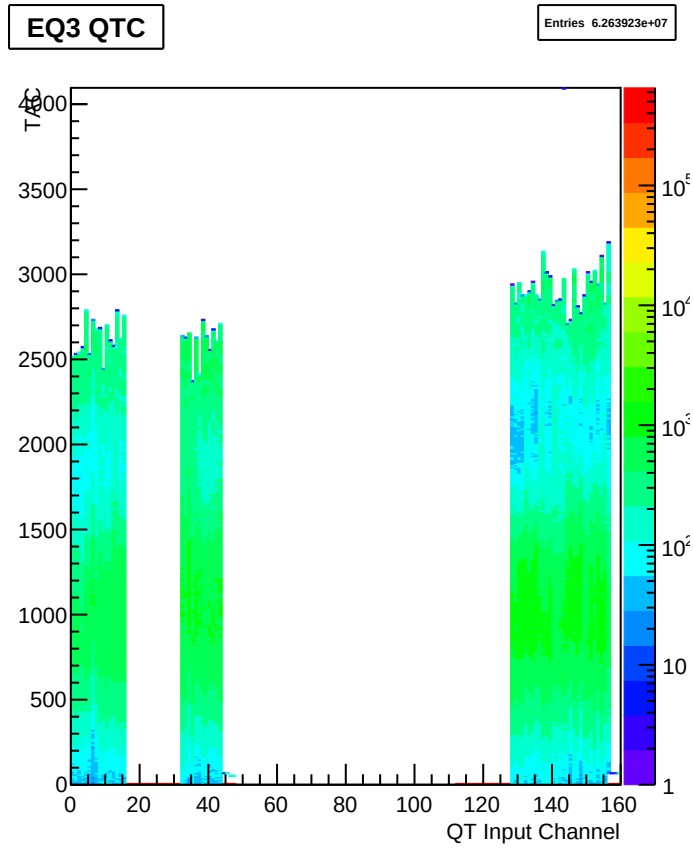

EQ2 QTC
Entries 6.263923e+07
ADC
QT Input Channel

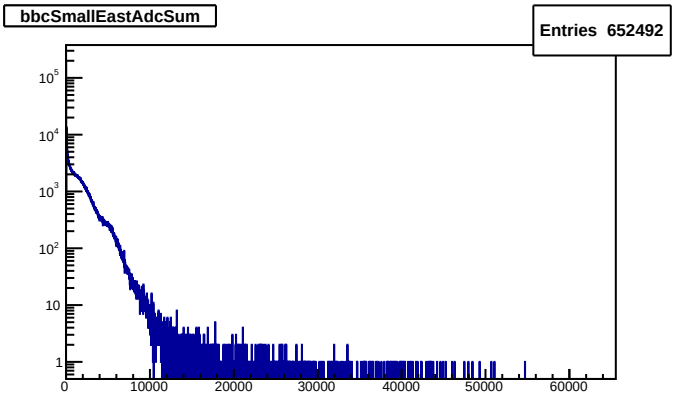

EQ2 QTC
Entries 6.263923e+07
TADC
QT Input Channel

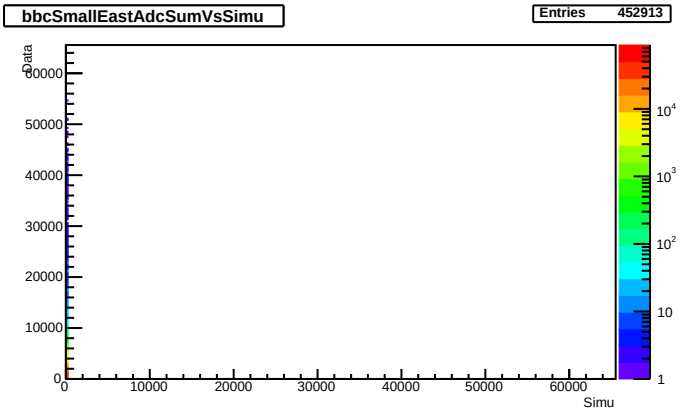

EQ3 QTB
Entries 1.67038e+08
ADC
QT Input Channel

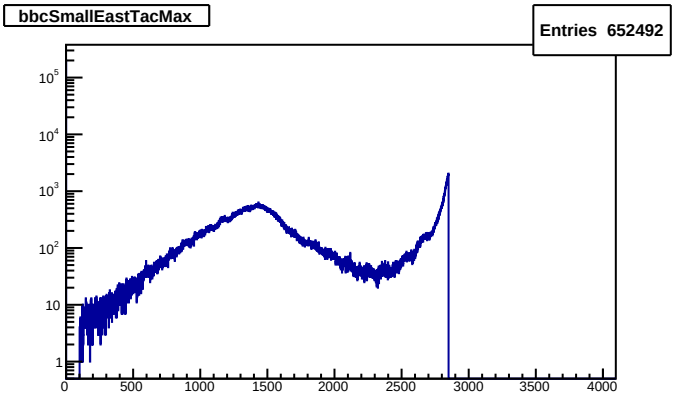

EQ3 QTB
Entries 5.115028e+07
TDC
QT Input Channel

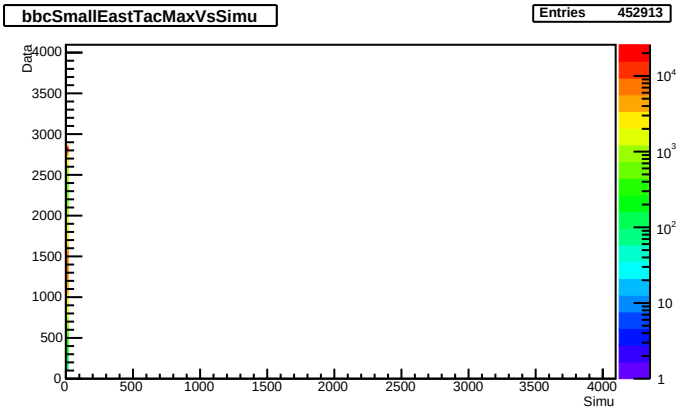

EQ3 QTC
Entries 6.263923e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.263923e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 652492


bbcSmallEastAdcSumVsSimu
Entries 452913
Data
Simu


bbcSmallEastTacMax
Entries 652492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Entries 452913
Data
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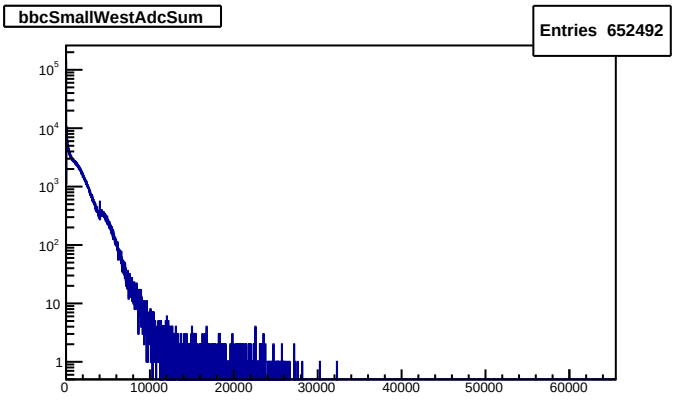
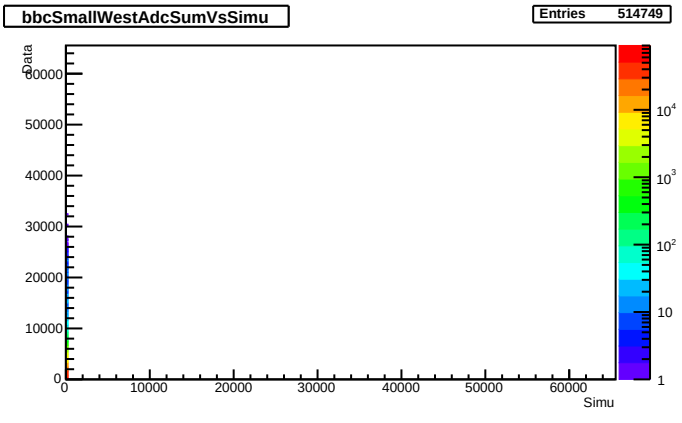

bbcSmallWestAdcSum
Entries 652492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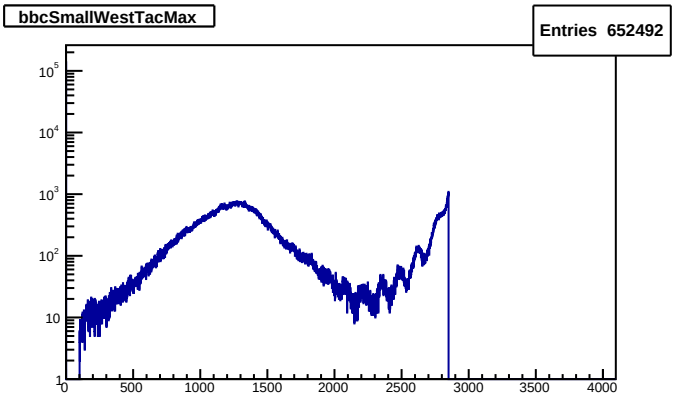
Entries 514749
Data
Simu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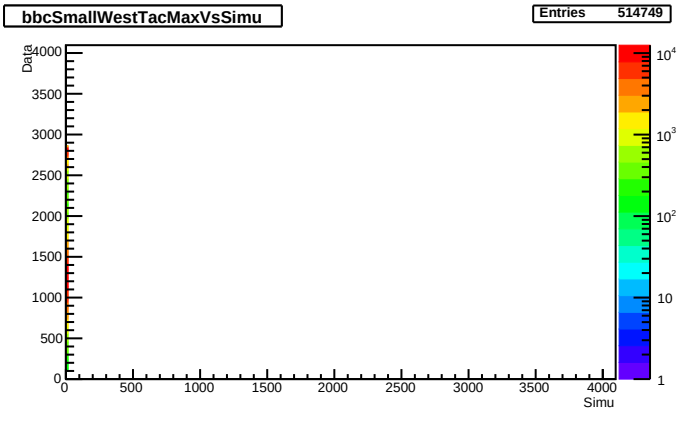
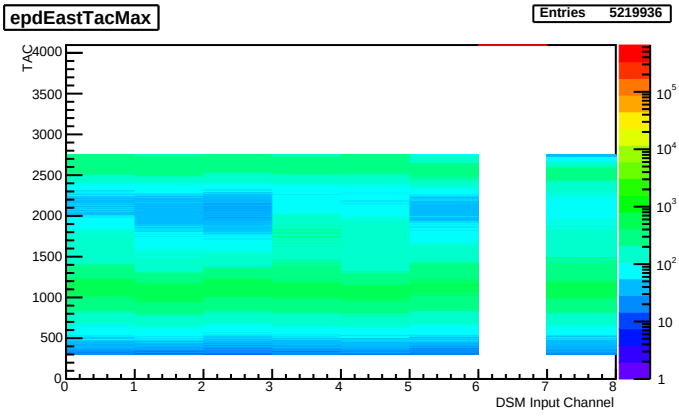
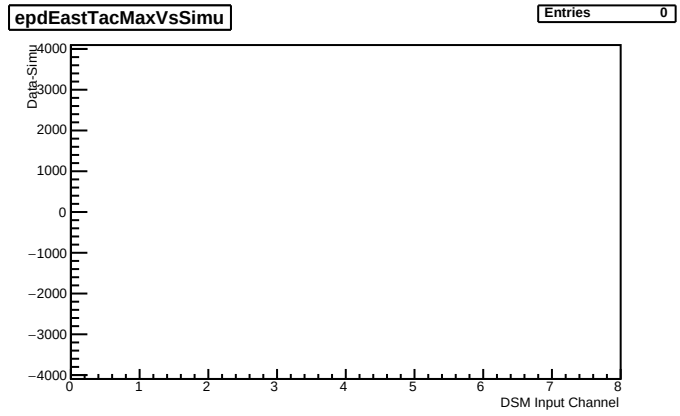
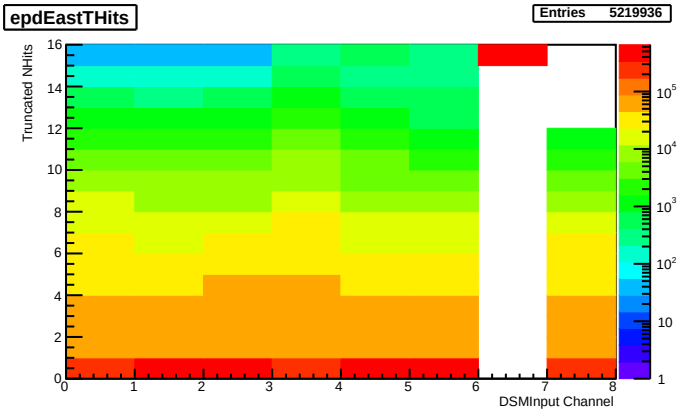
Entries 652492


bbcSmallWestTacMaxVsSimu
Entries 514749
Data
Simu


epdEastTacMax
Entries 5219936
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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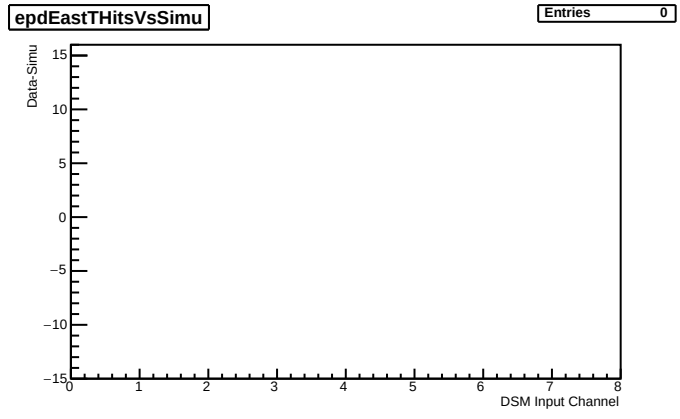
Entries 5219936
Truncated NHits
DSMInput Channel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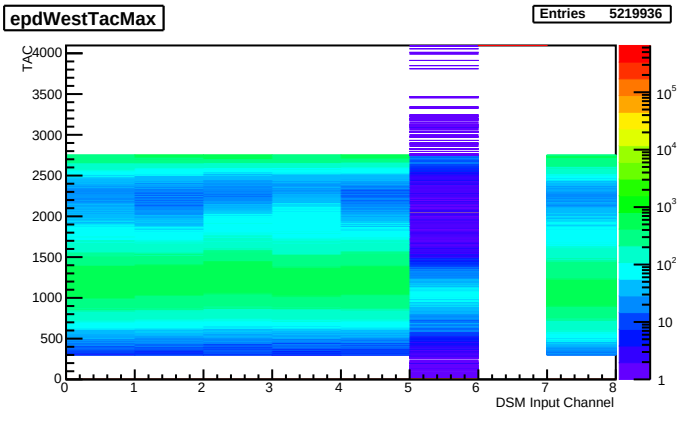
Data-Simu
DSM Input Channel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Entries 5219936
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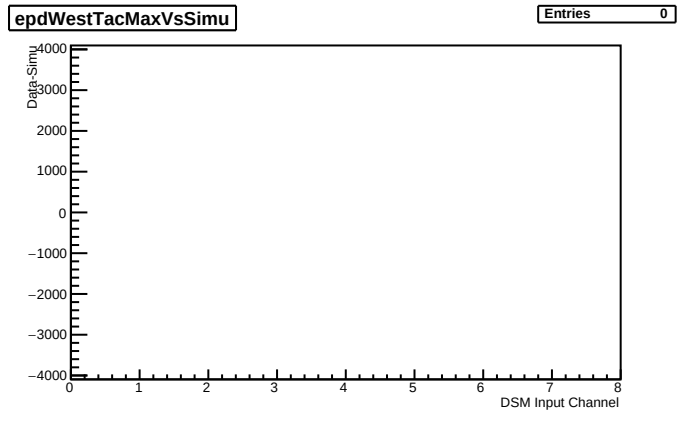
DSM Input Channel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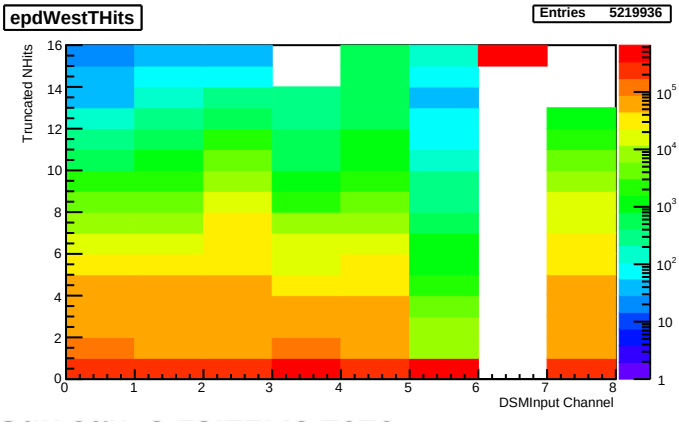
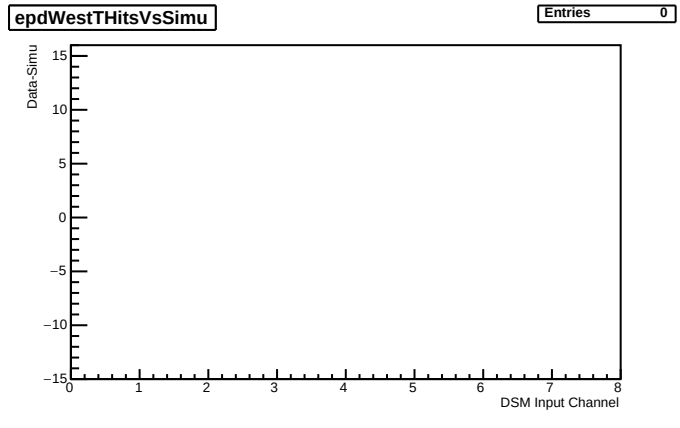
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5219936
Truncated NHits
DSMInput Channel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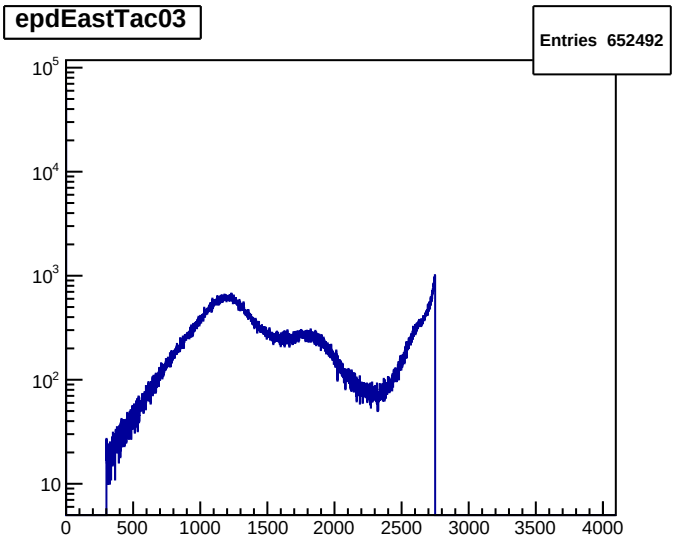
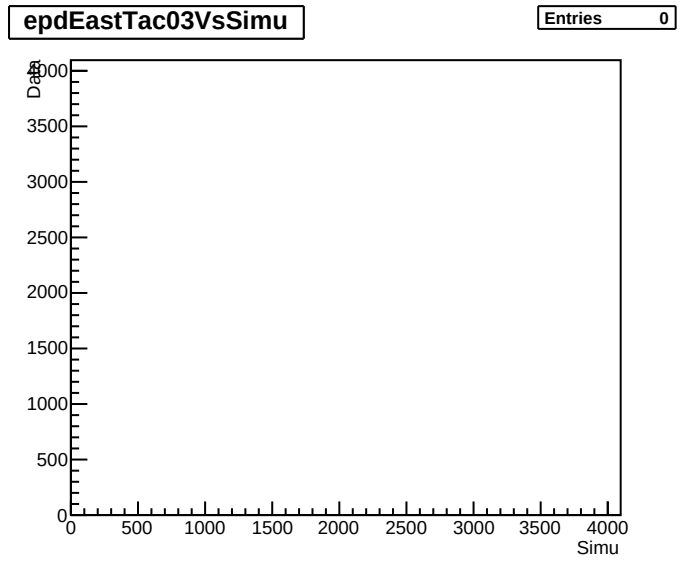
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 652492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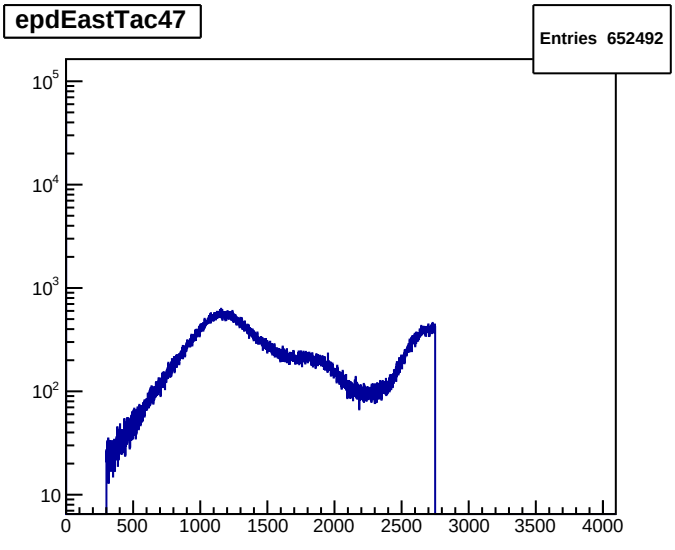
Entries 0
Data
Simu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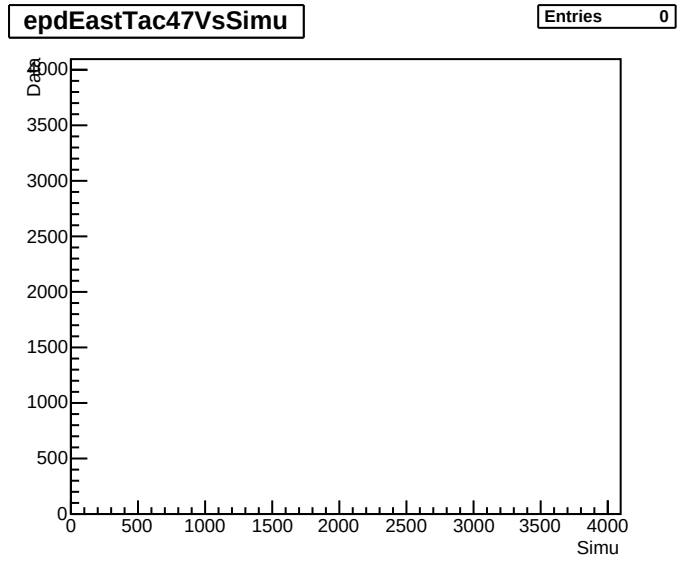
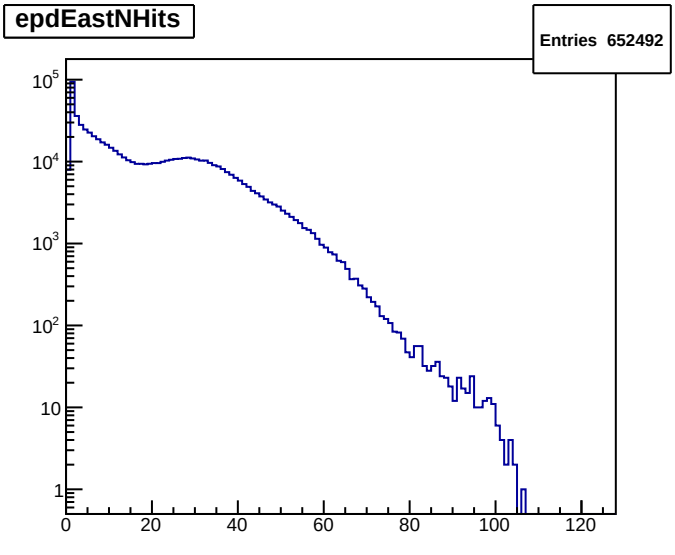
Entries 652492


epdEastTac47VsSimu
Entries 0
Data
Simu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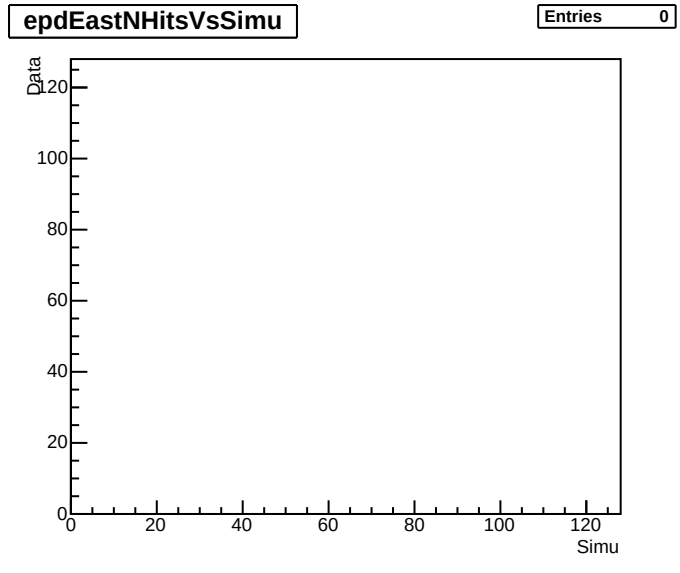
Entries 652492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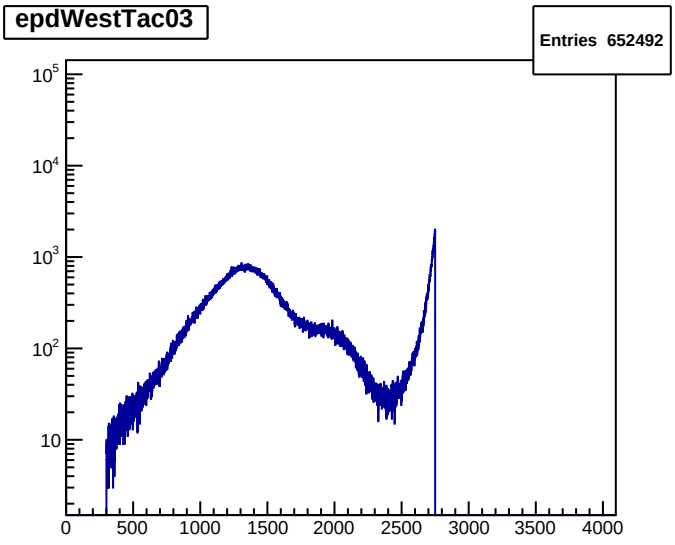
Entries 0
Data
Simu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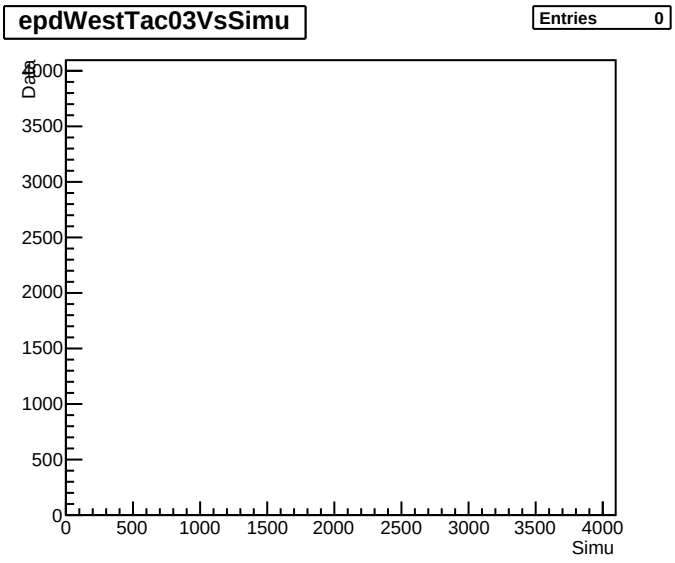
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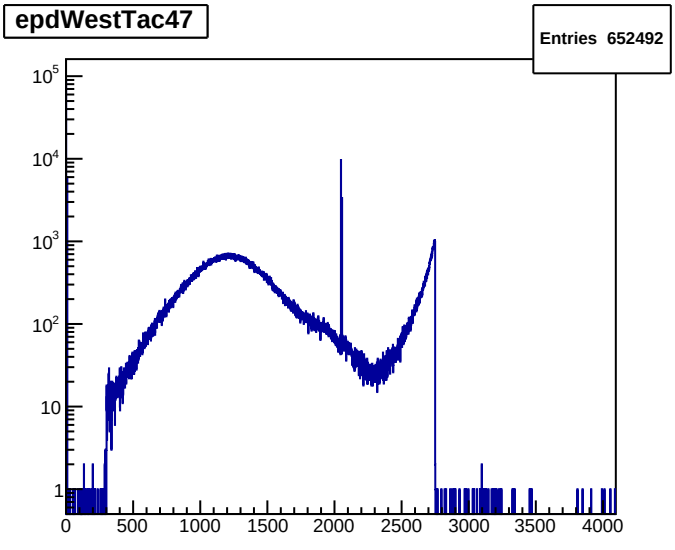
Simu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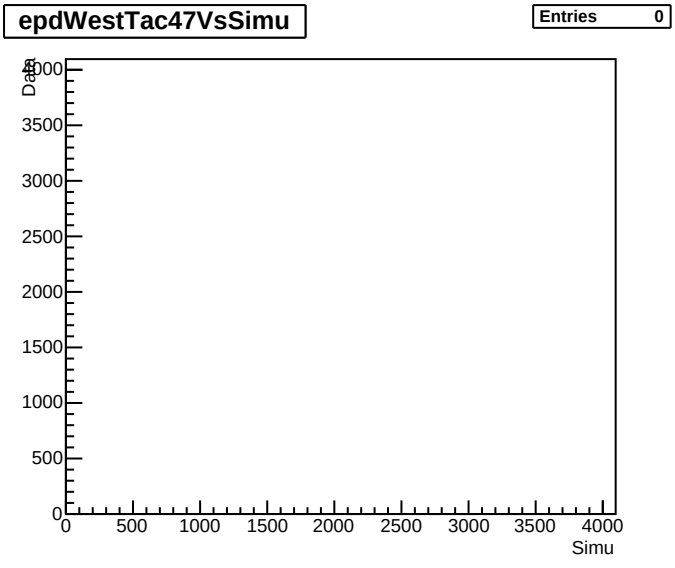
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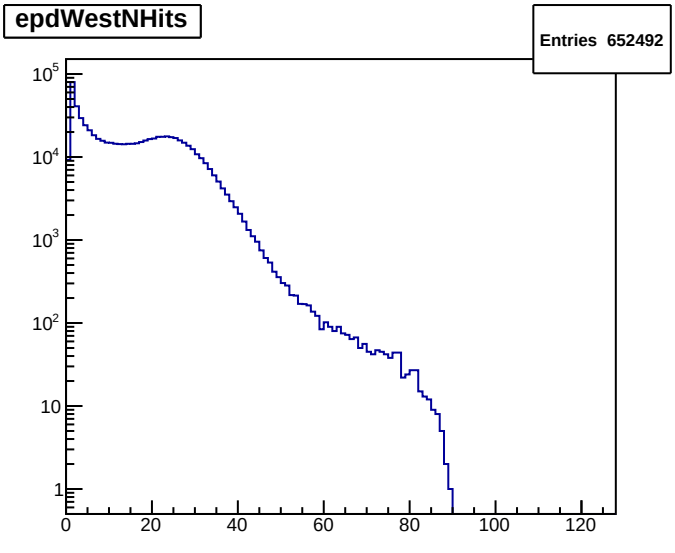
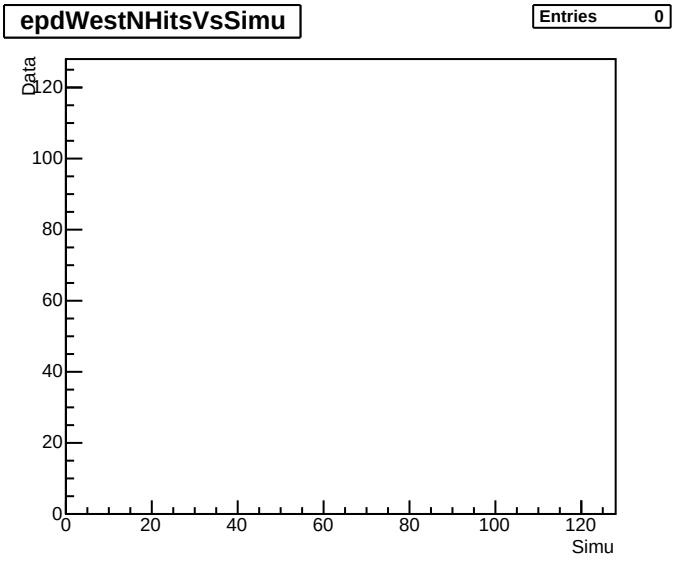
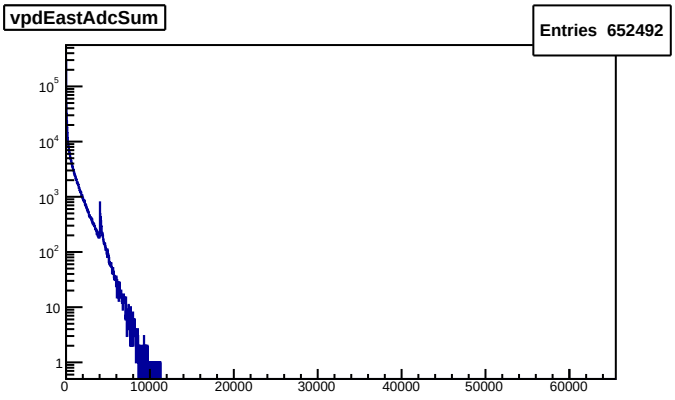
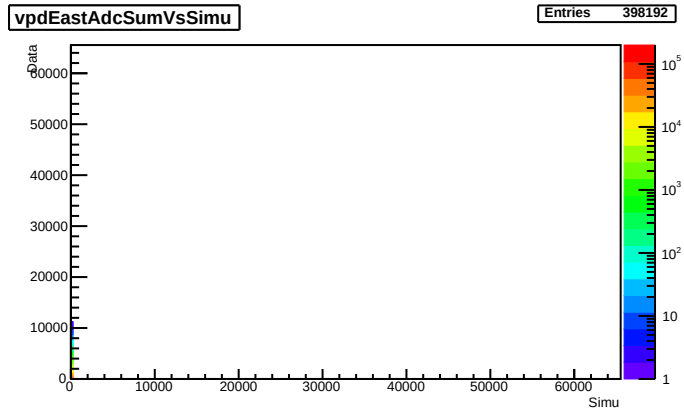
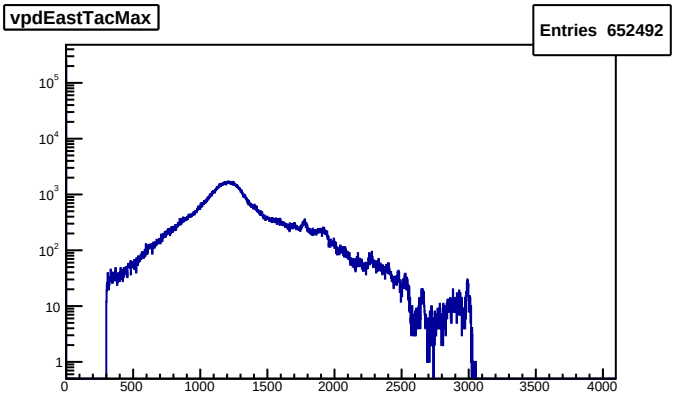
Entries 0
Data
Simu

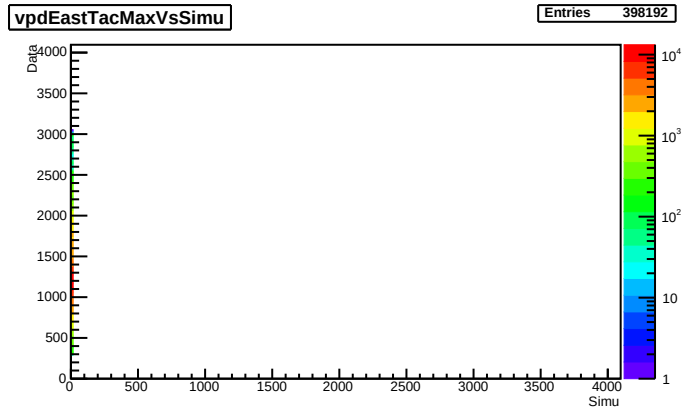

epdWestNHits
Entries 652492


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 652492


vpdEastAdcSumVsSimu
Entries 398192
Data
Simu


vpdEastTacMax
Entries 652492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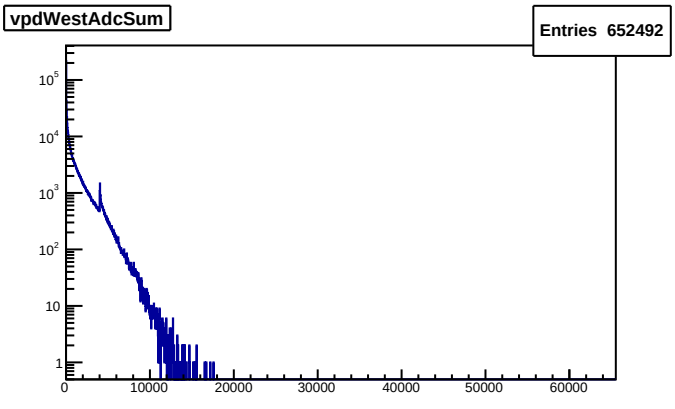
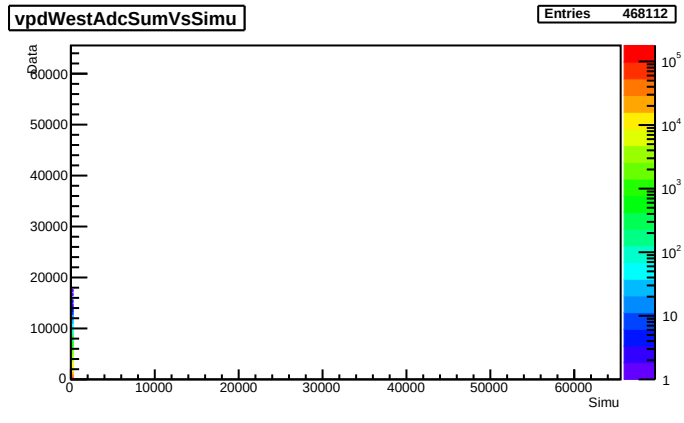
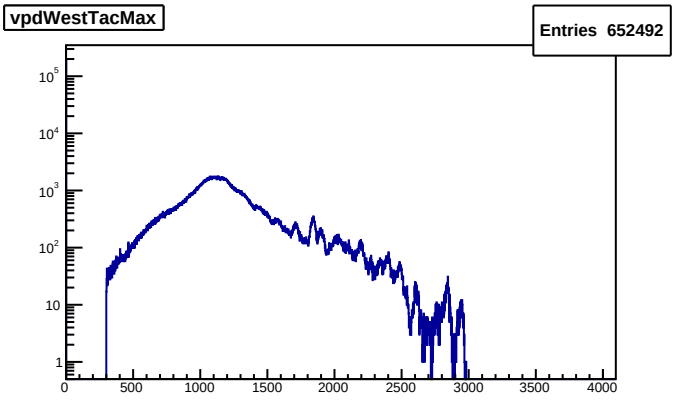
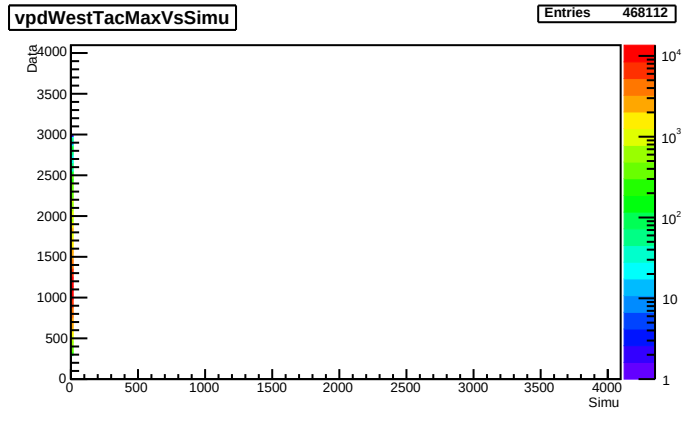
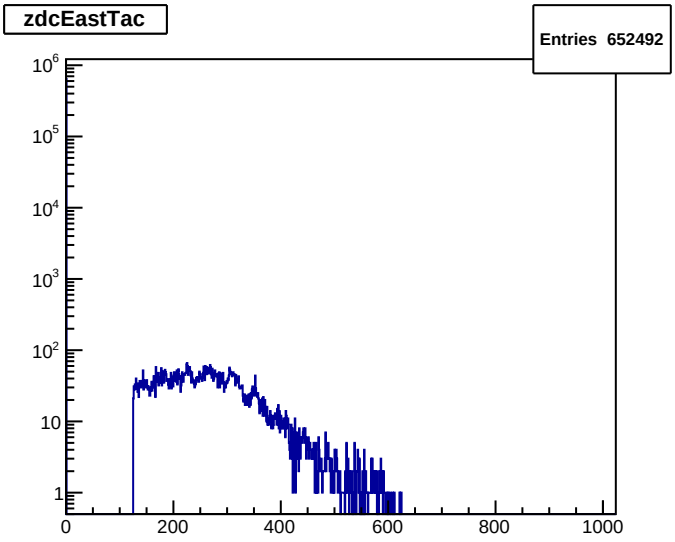
Entries 398192
Data
Simu

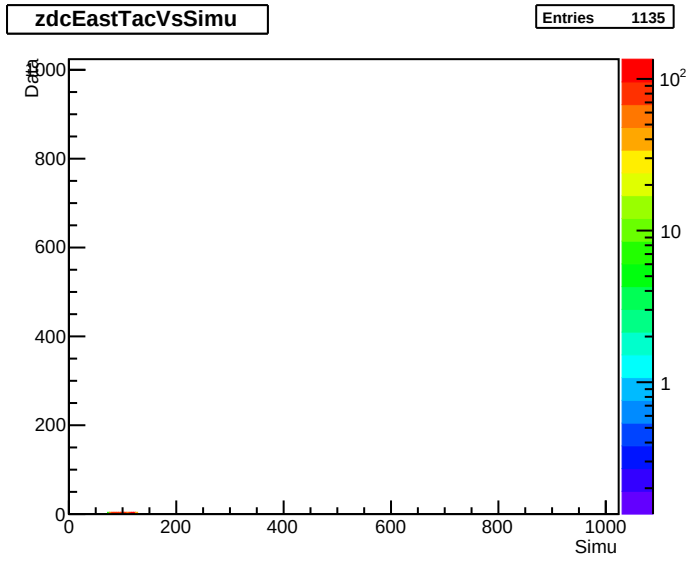

vpdWestAdcSum
Entries 652492

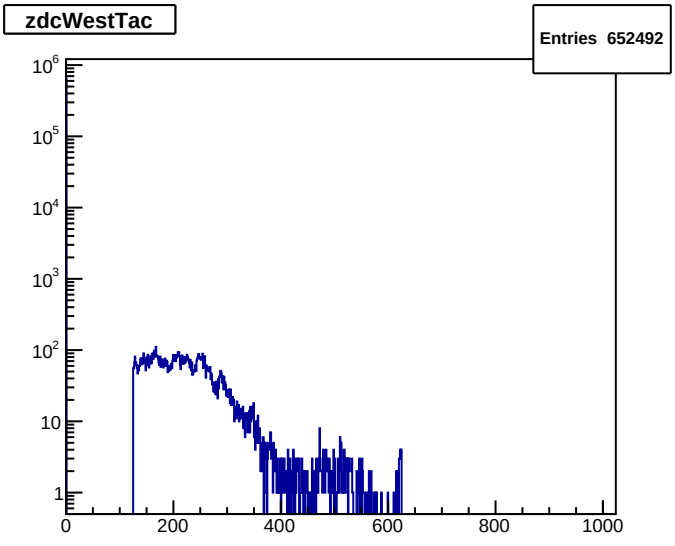

vpdWestAdcSumVsSimu
Entries 468112
Data
Simu

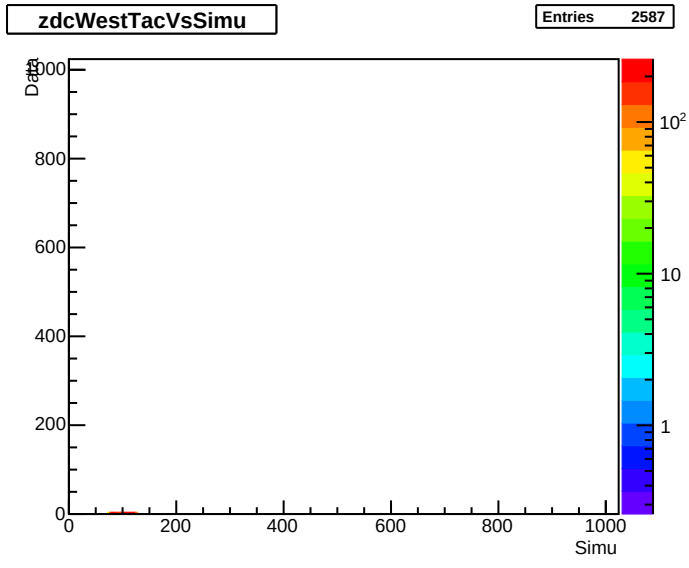

vpdWestTacMax
Entries 652492

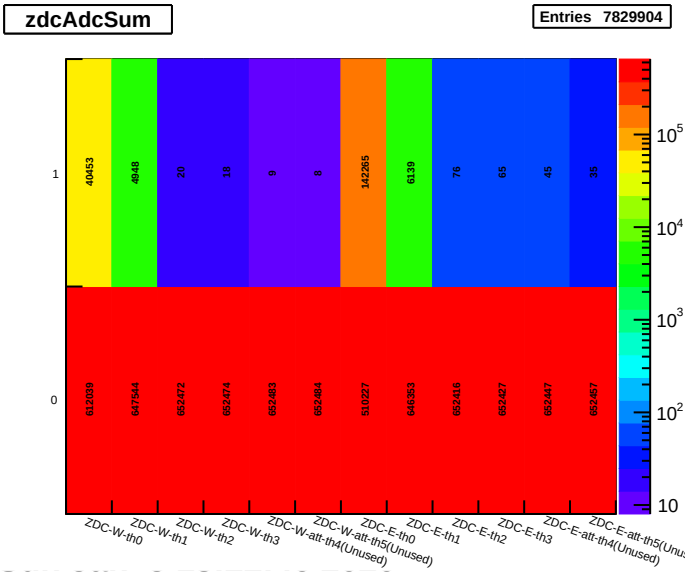

vpdWestTacMaxVsSimu
Entries 468112
Data
Simu

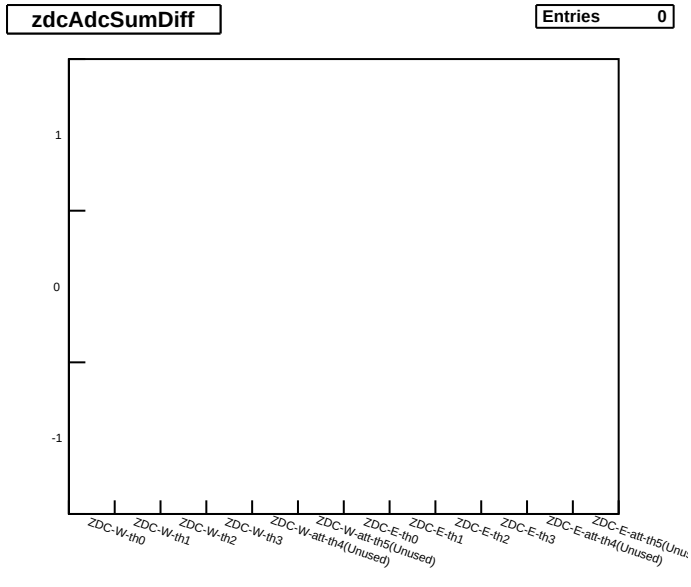

zdcEastTac
Entries 652492

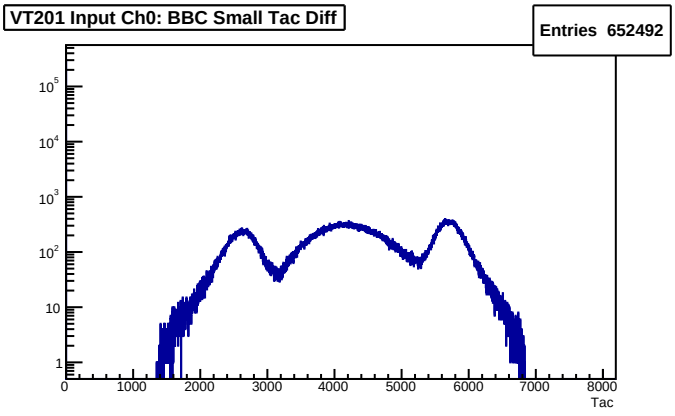

zdcEastTacVsSimu
Entries 1135
Data
Simu

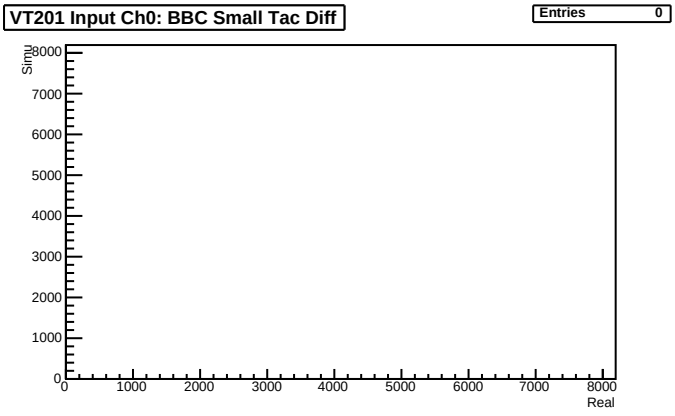

zdcWestTac
Entries 652492

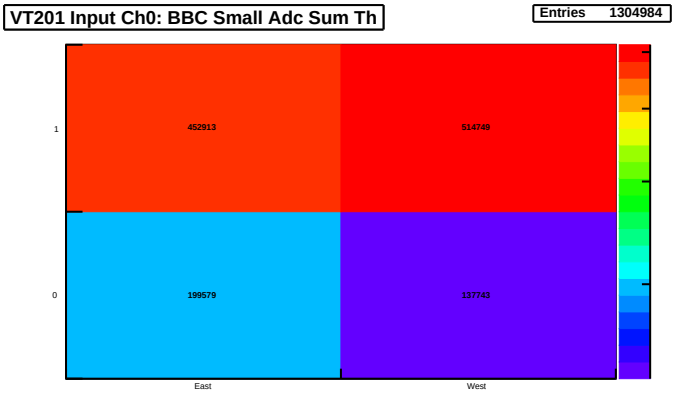

zdcWestTacVsSimu
Entries 2587
Data
Simu

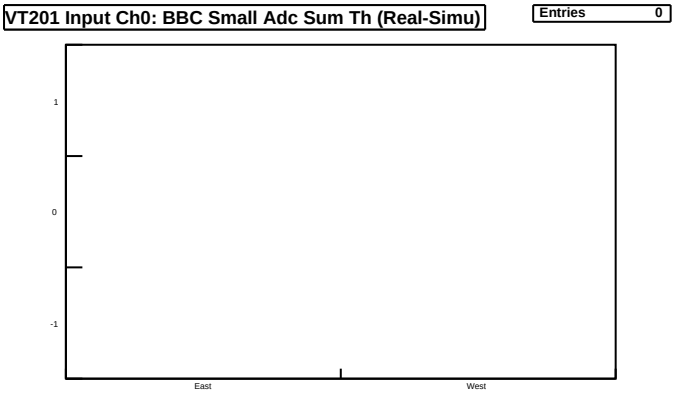

zdcAdcSum
Entries 7829904
40453
4948
20
18
9
8
142265
6139
76
65
45
35
612039
647544
652472
652474
652483
652484
510227
646353
652416
652427
652447
652457
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

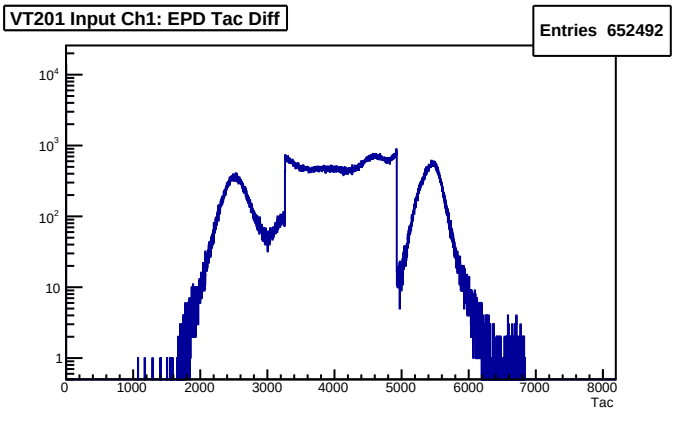

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

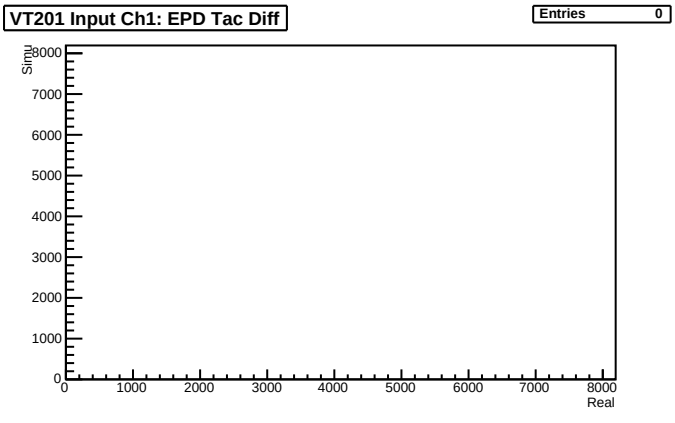

VT201 Input Ch0: BBC Small Tac Diff
Entries 652492
Tac

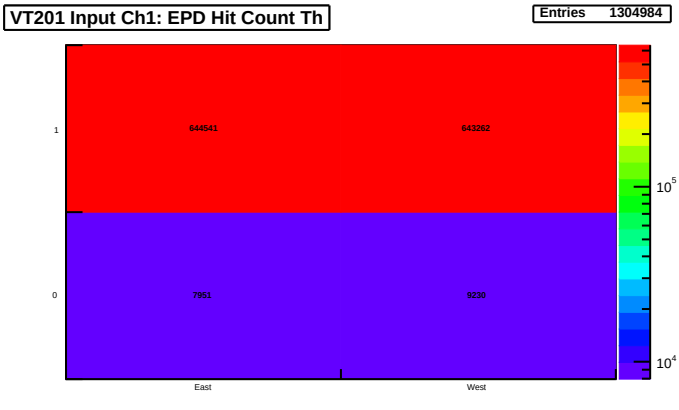

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

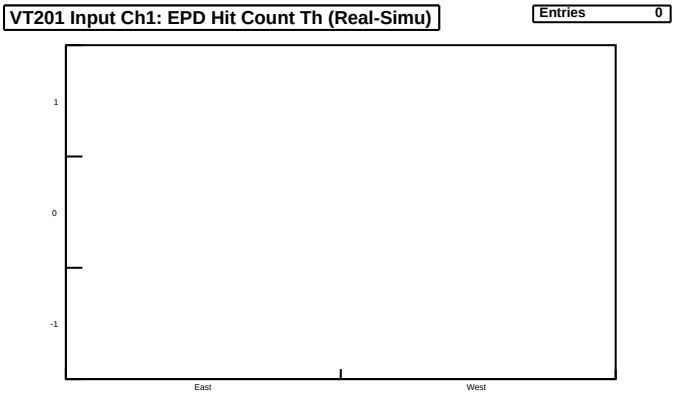

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1304984
452913
514749
199579
137743
East
West

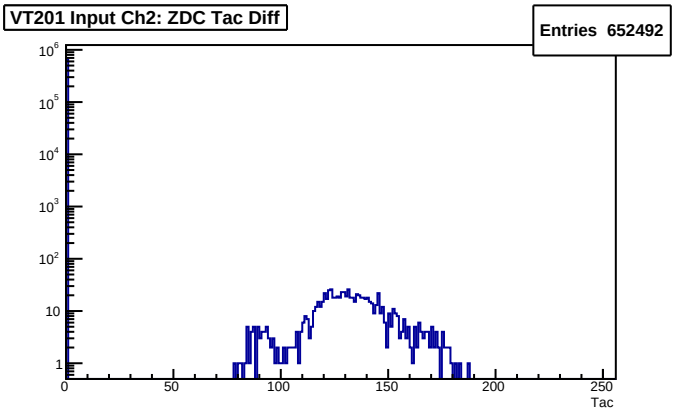

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

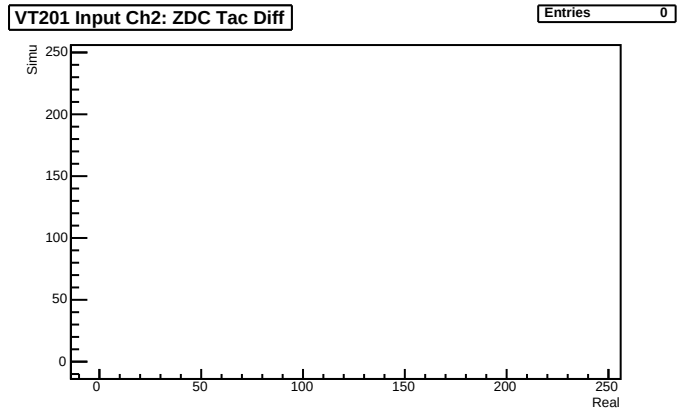

VT201 Input Ch1: EPD Tac Diff
Entries 652492
Tac

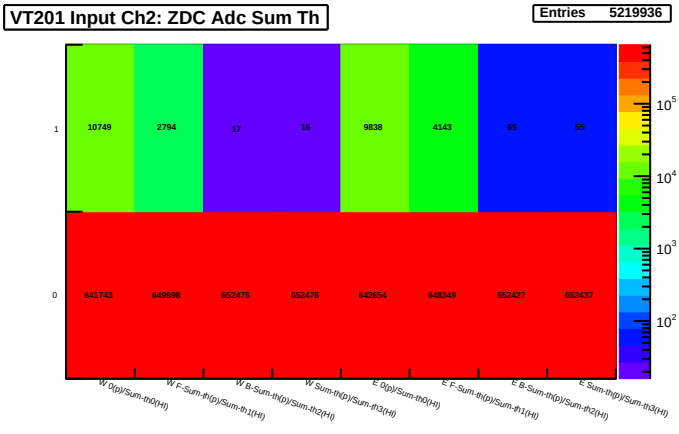

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

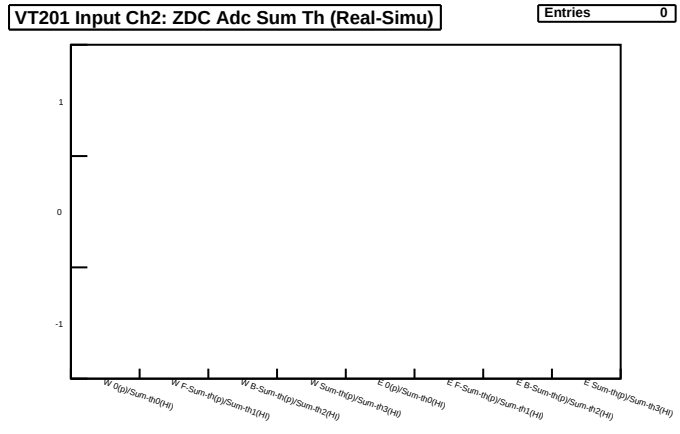

VT201 Input Ch1: EPD Hit Count Th
Entries 1304984
644541
643262
7951
9230
East
West

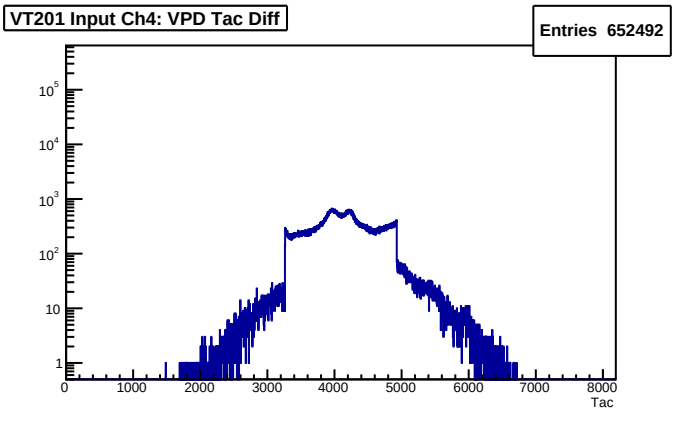

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

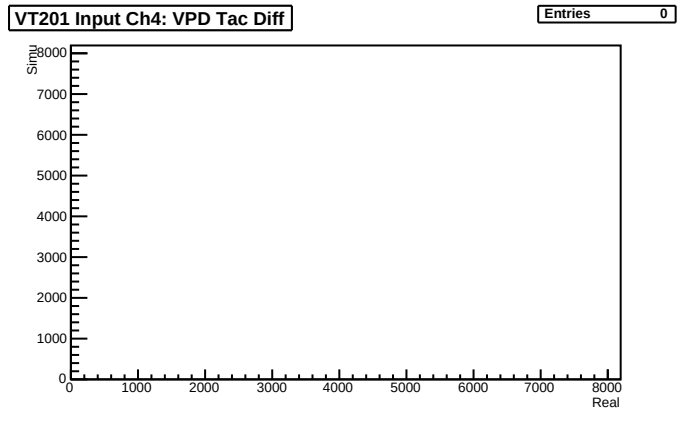

VT201 Input Ch2: ZDC Tac Diff
Entries 652492
Tac

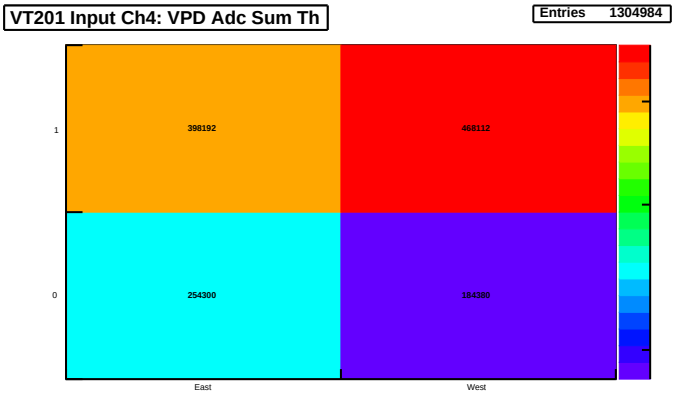

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

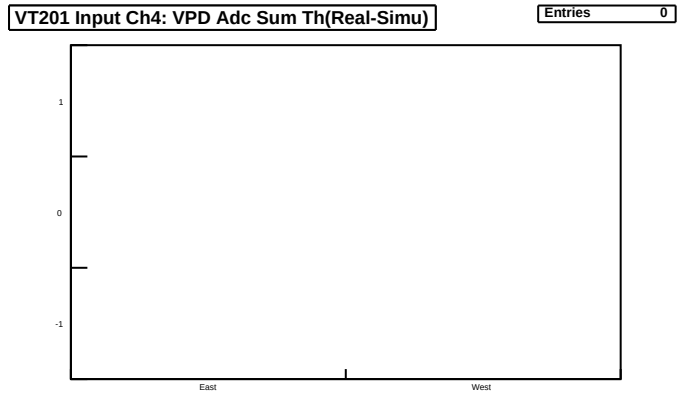

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5219936
10749
2794
17
16
9838
4143
65
55
641743
649698
652475
652476
642654
648349
652427
652437
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

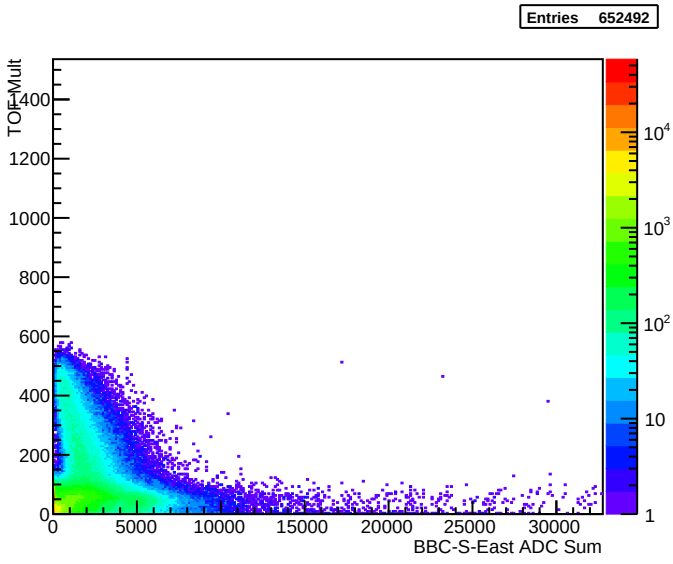

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

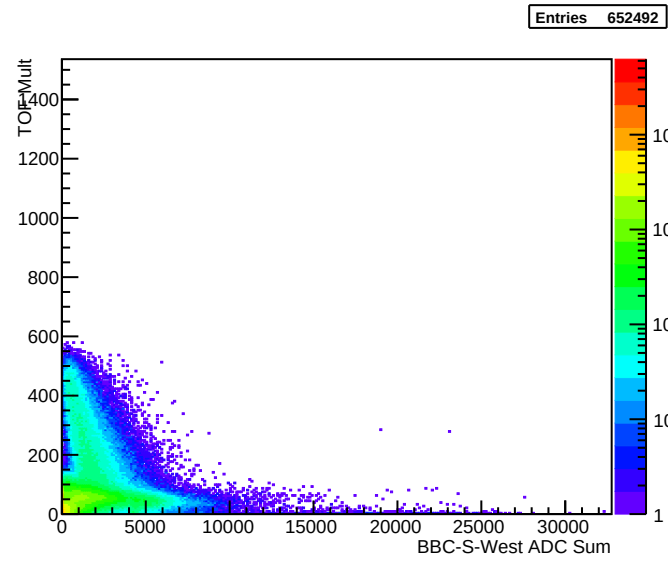

VT201 Input Ch4: VPD Tac Diff
Entries 652492
Tac

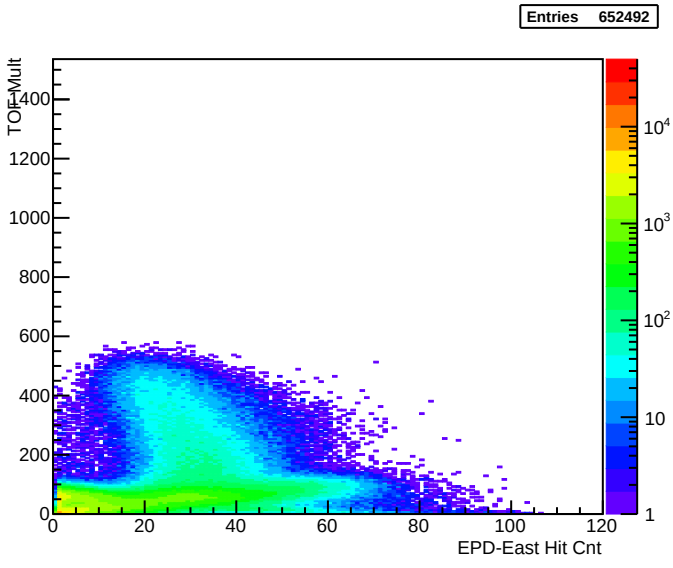

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

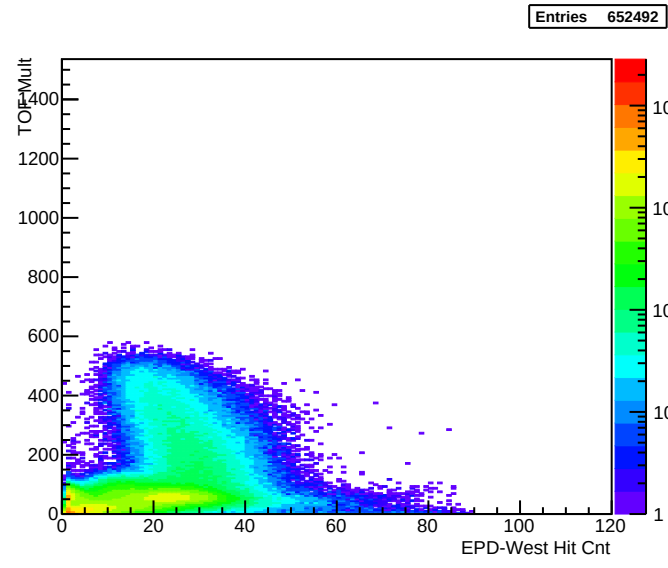

VT201 Input Ch4: VPD Adc Sum Th
Entries 1304984
398192
468112
254300
184380
East
West

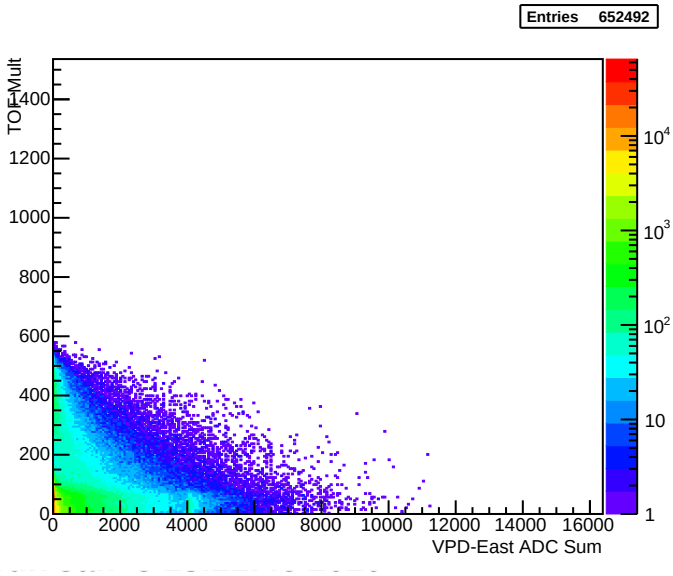

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

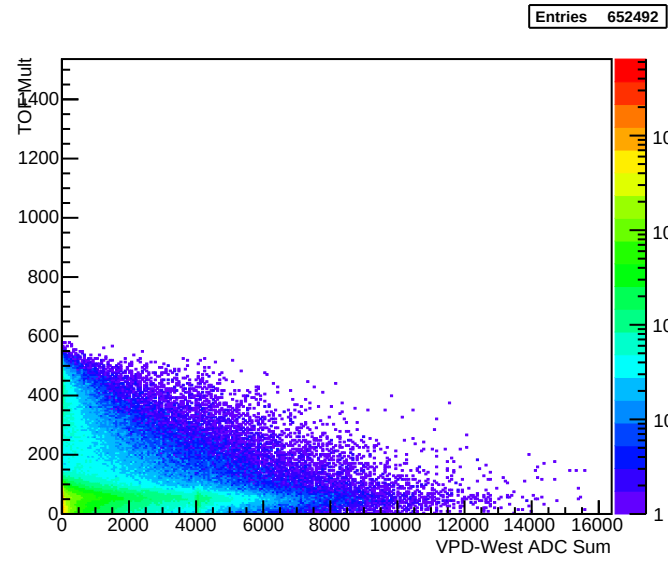

Entries 652492
TOF-Mult
BBC-S-East ADC Sum

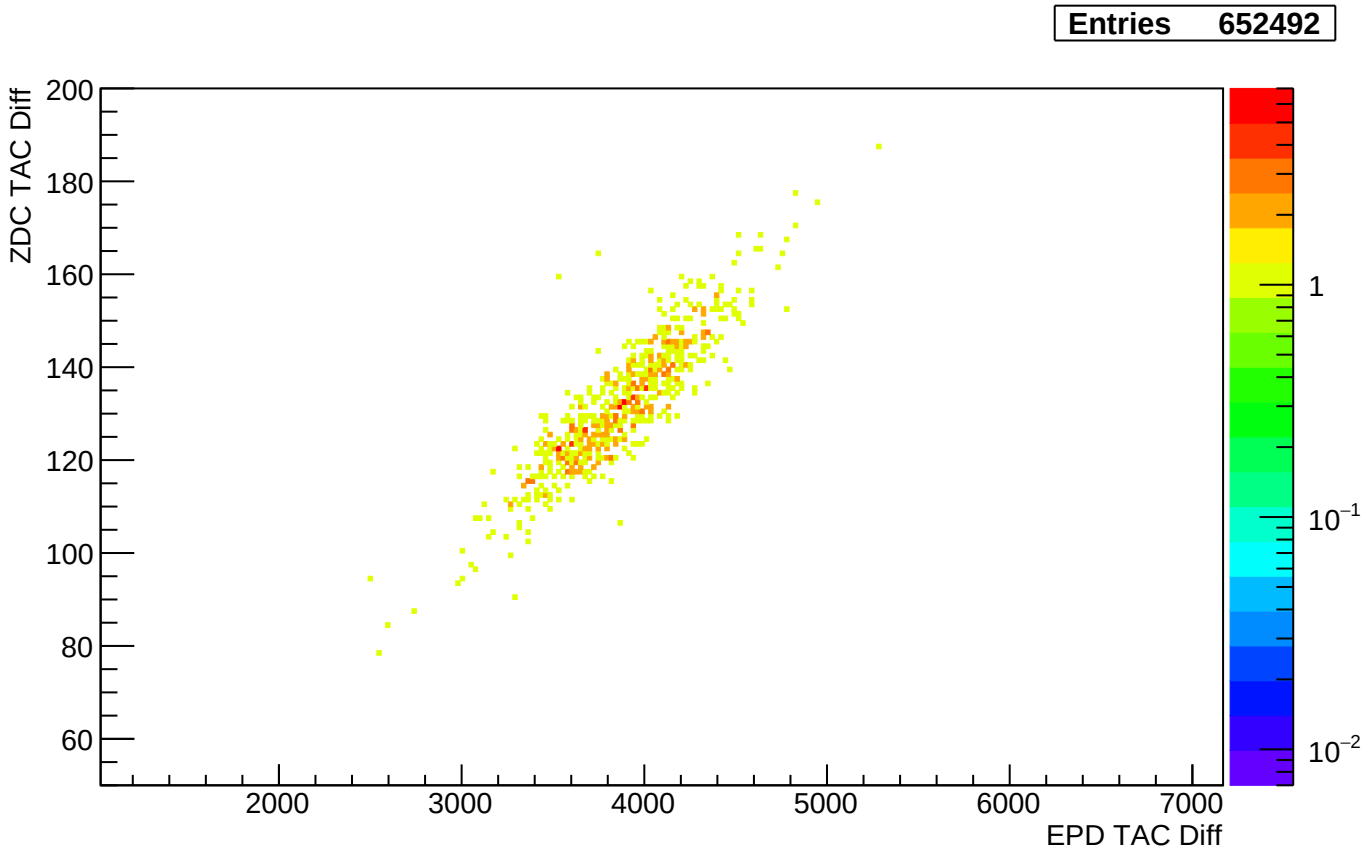

Entries 652492
TOF-Mult
BBC-S-West ADC Sum

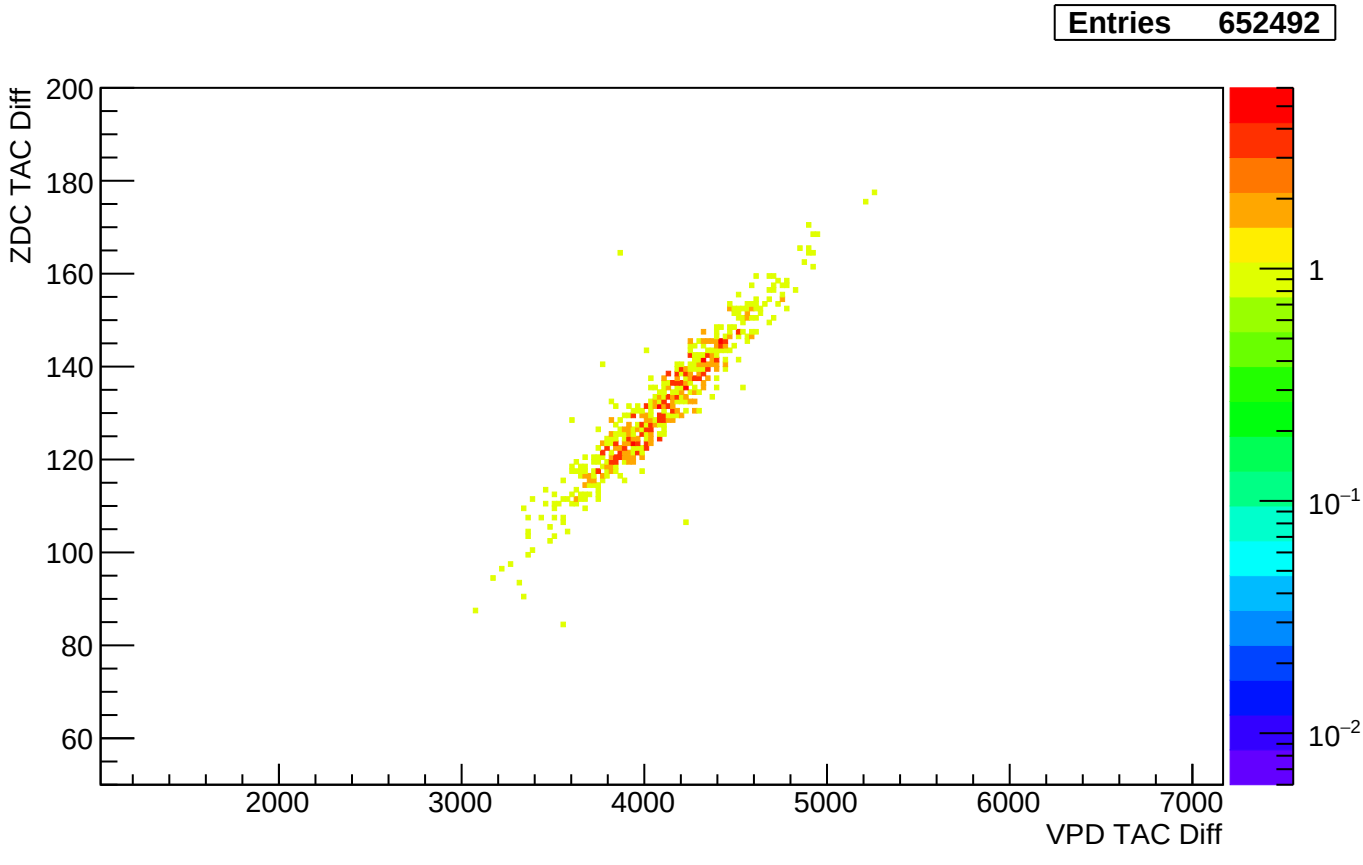

Entries 652492
TOF-Mult
EPD-East Hit Cnt

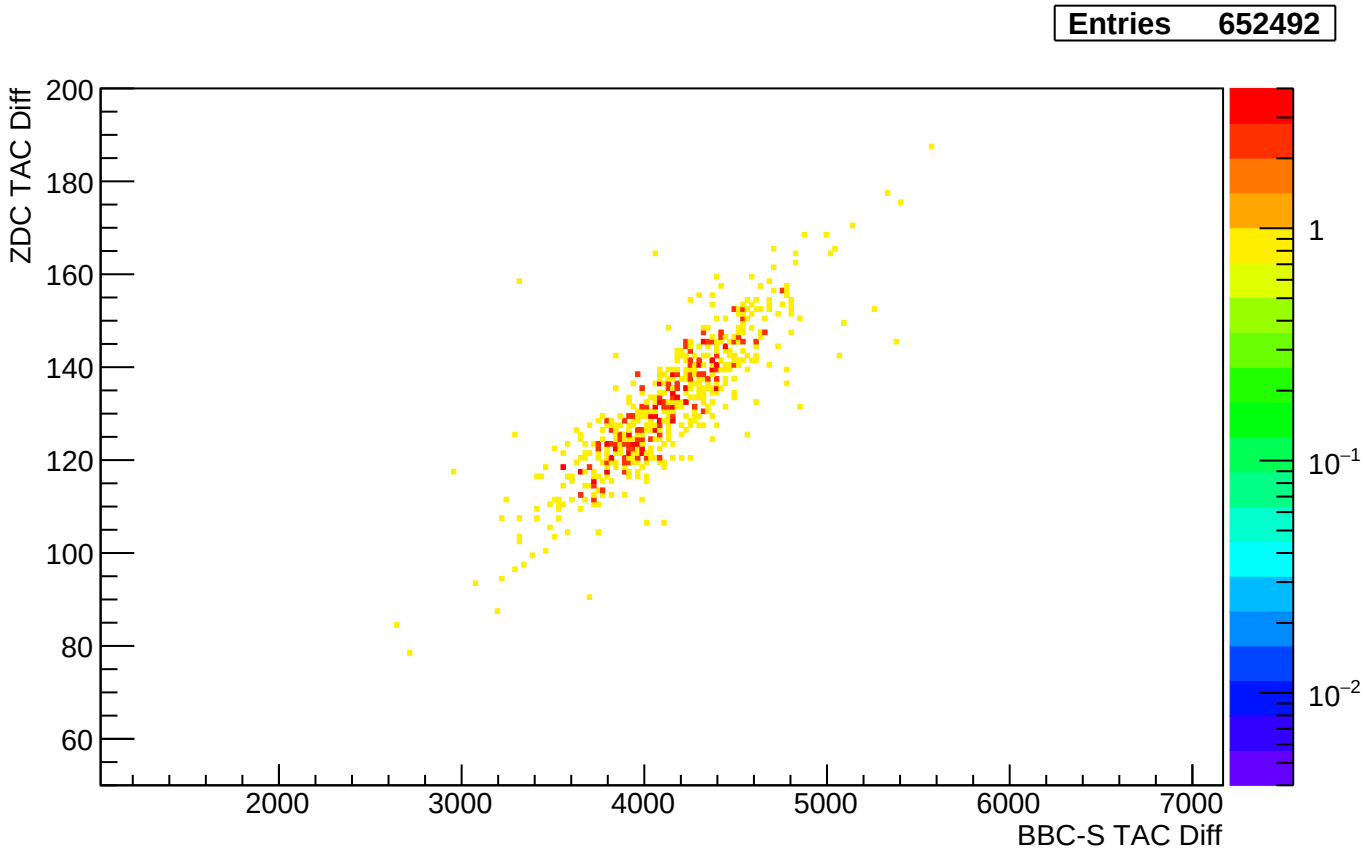

Entries 652492
TOF-Mult
EPD-West Hit Cnt

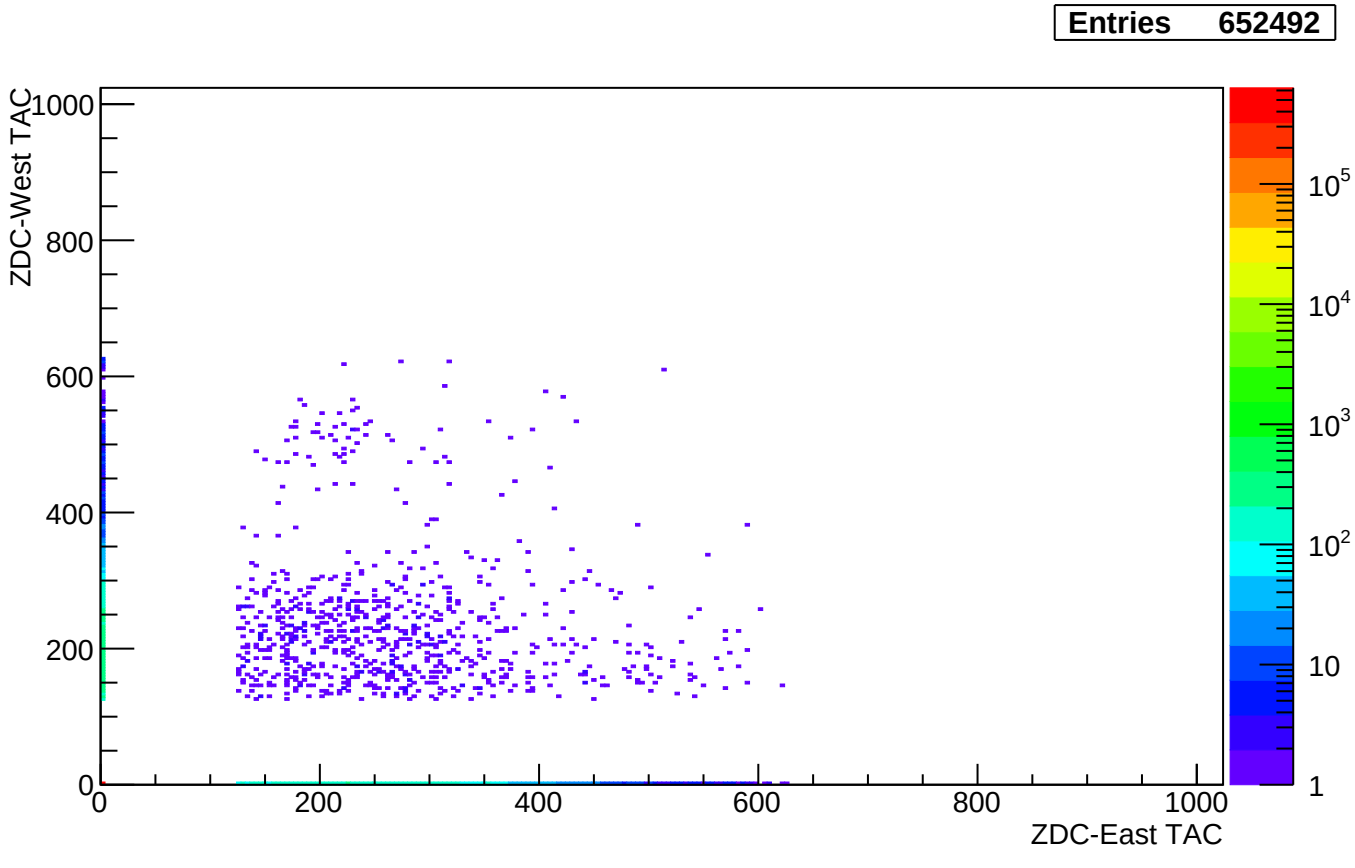

Entries 652492
TOF-Mult
VPD-East ADC Sum

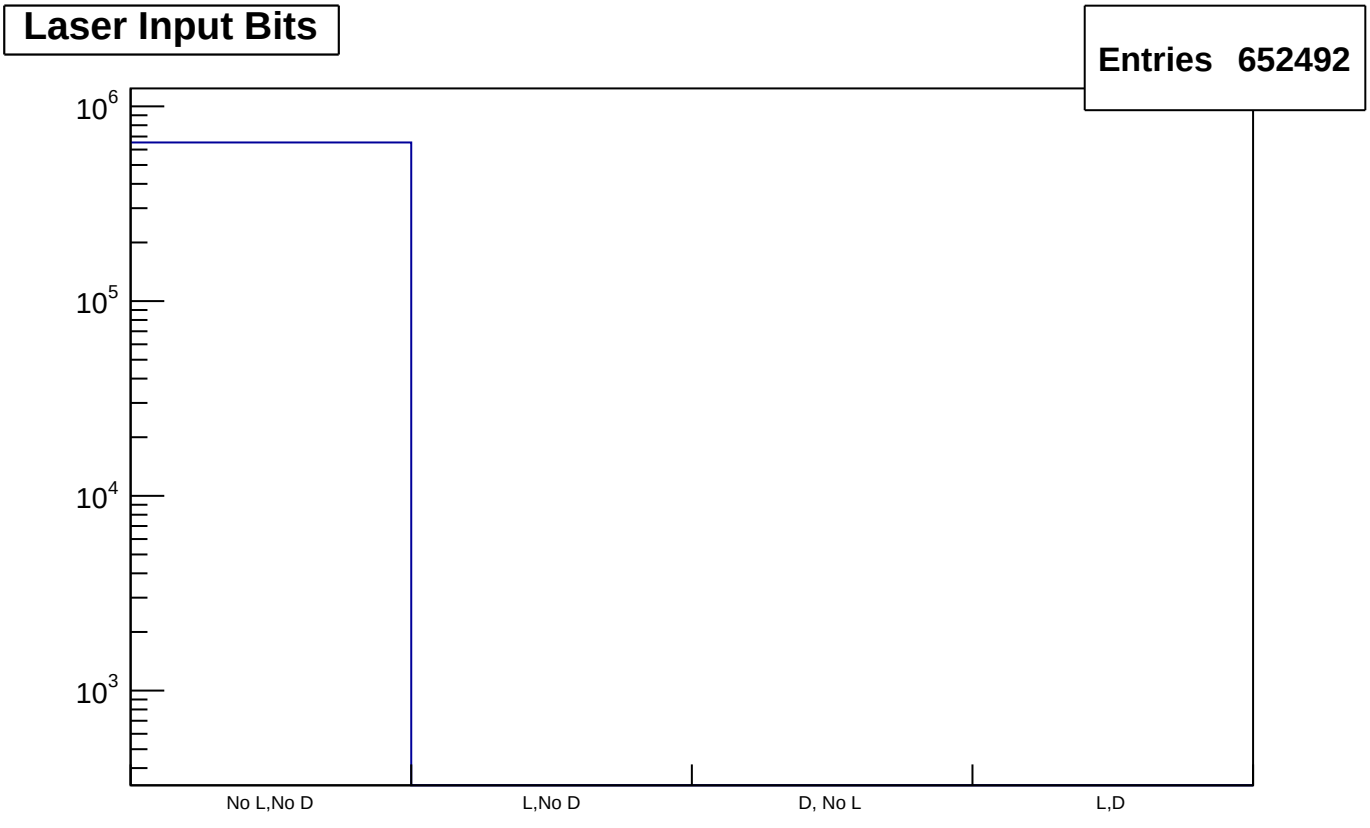

Entries 652492
TOF-Mult
VPD-West ADC Sum

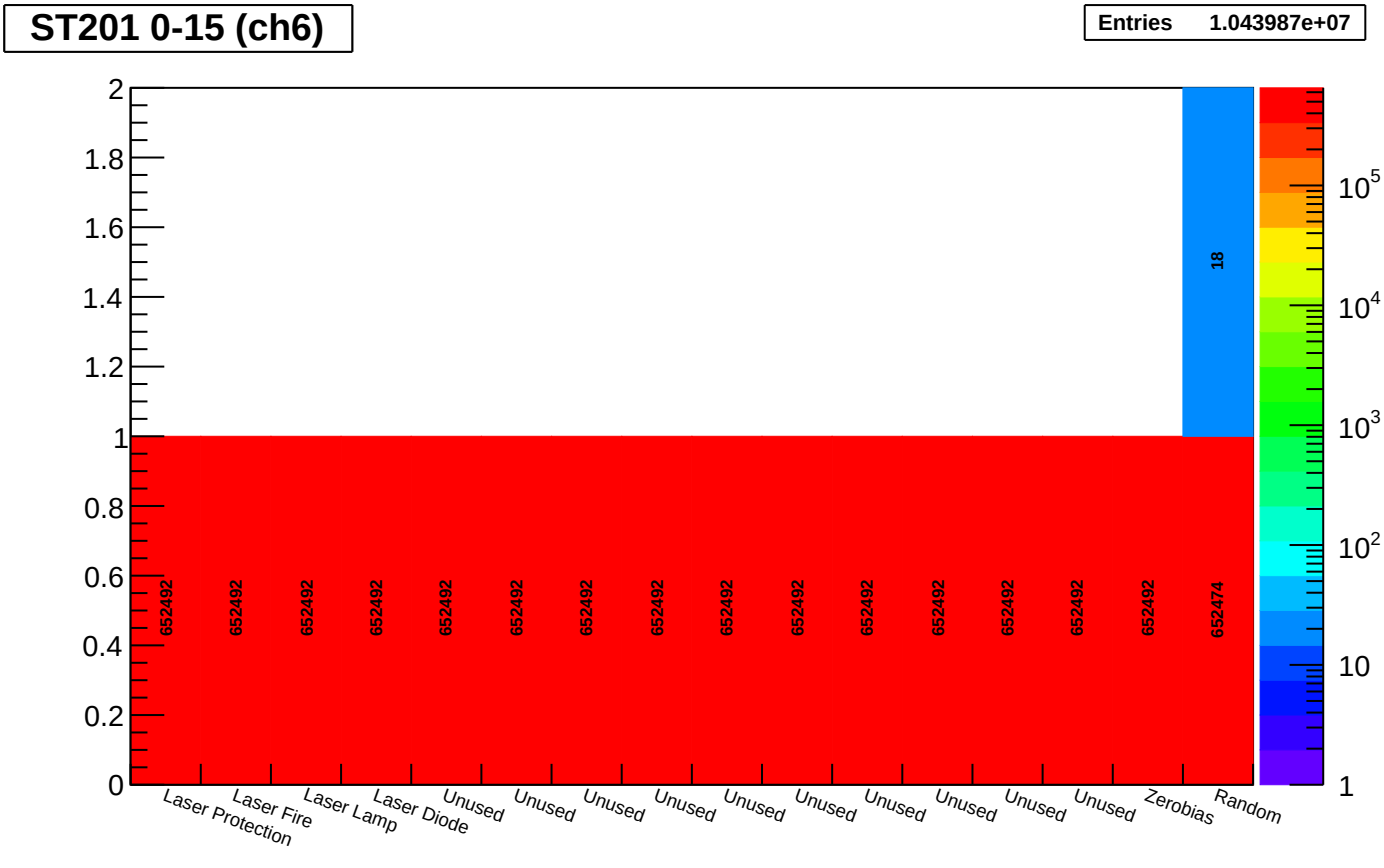

Entries 652492
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

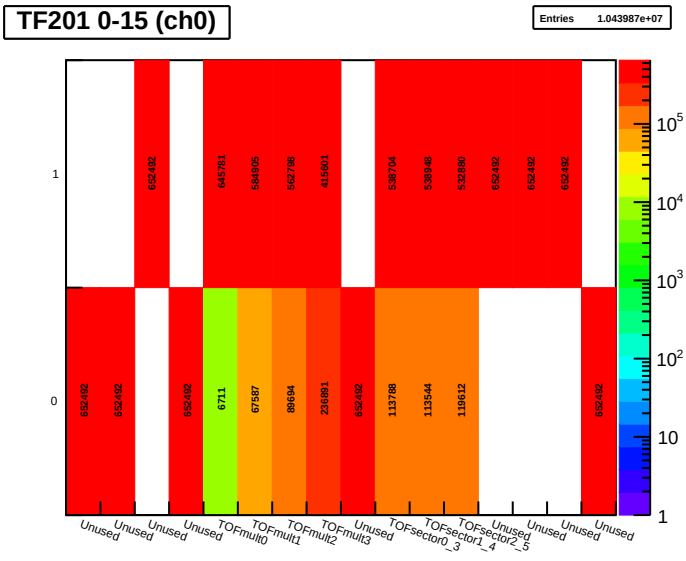

Entries 652492
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

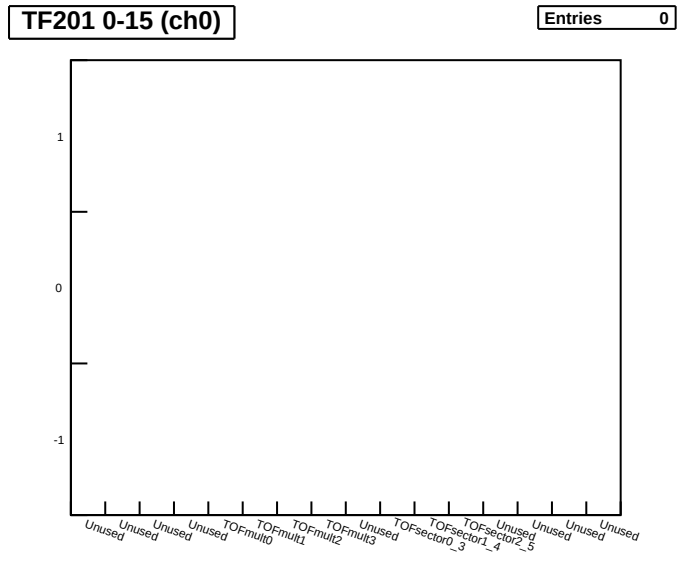

Entries 652492
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

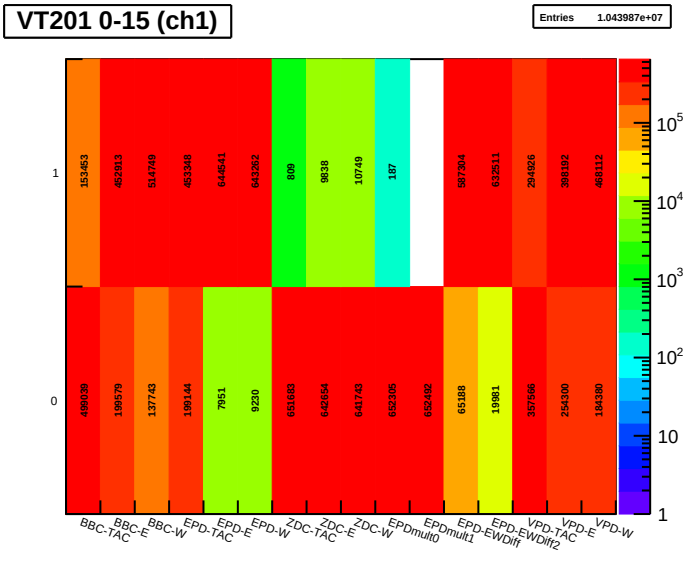

Entries 652492
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

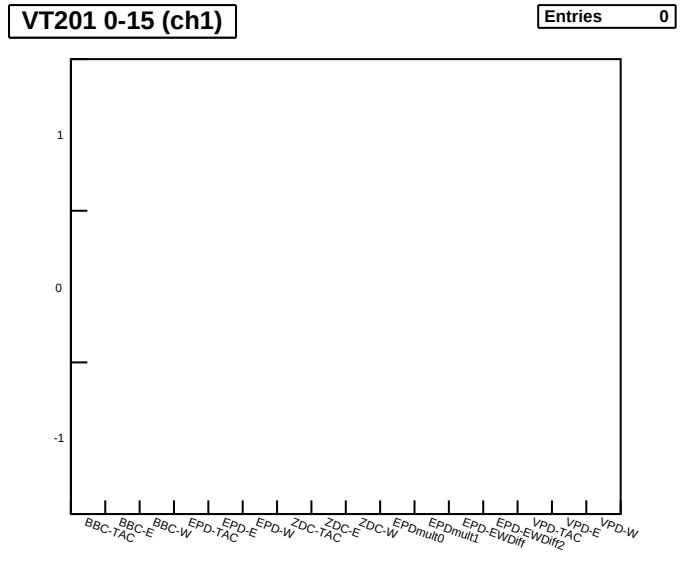

Laser Input Bits
Entries 652492
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

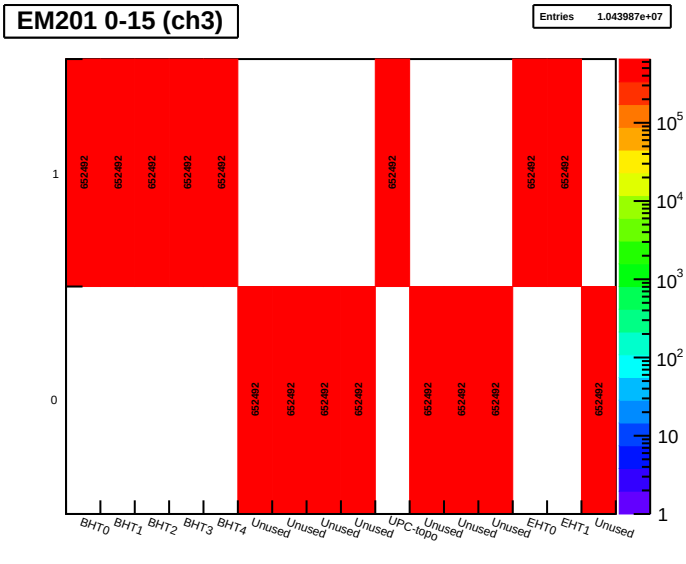

ST201 0-15 (ch6)
Entries 1.043987e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652474
18
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

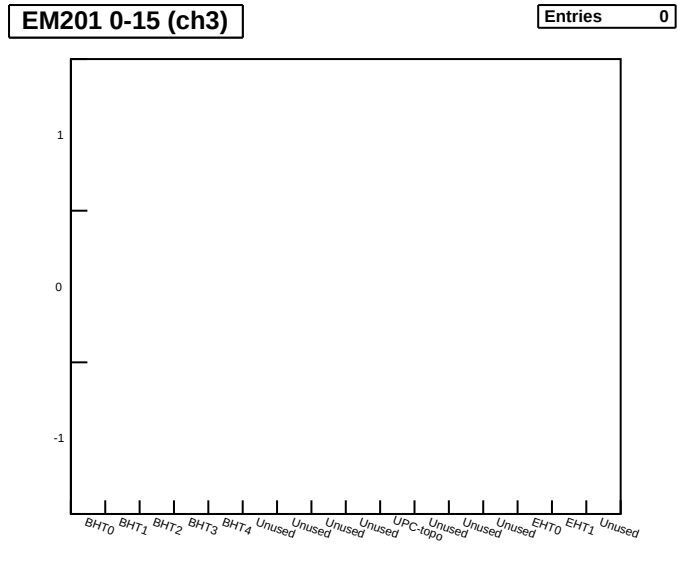

TF201 0-15 (ch0)
Entries 1.043987e+07
1
0
652492
645781
584905
562798
415601
538704
538948
528980
652492
652492
652492
652492
652492
6711
67587
89694
236891
652492
113788
113544
119612
652492
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 1.043987e+07
1
0
153453
452913
514749
453348
646541
643252
809
9838
10749
187
587304
632511
294926
398192
468112
499039
199579
137743
199144
7951
9230
651683
642654
641743
652305
652492
65188
19981
357566
254300
184380
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 1.043987e+07
1
0
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
652492
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