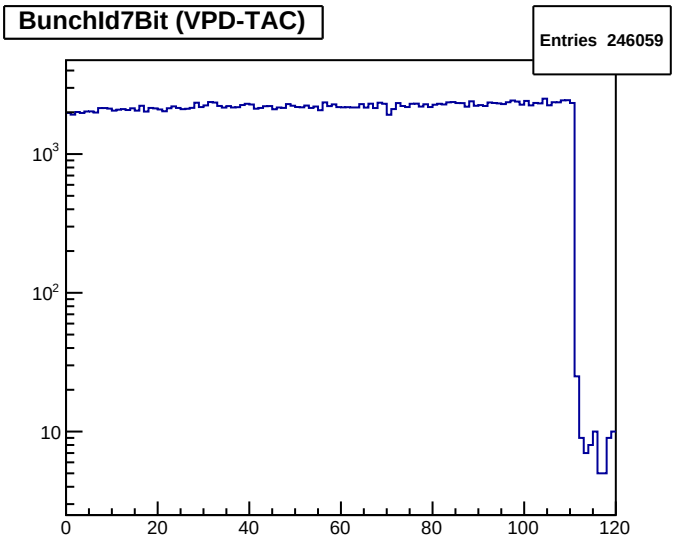
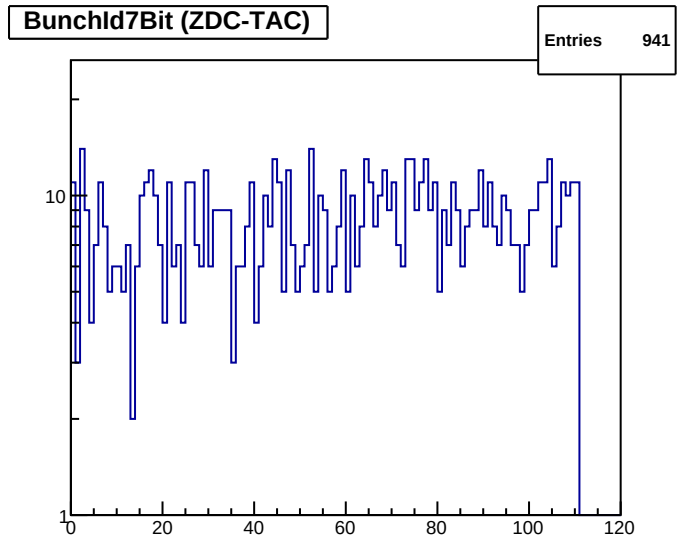
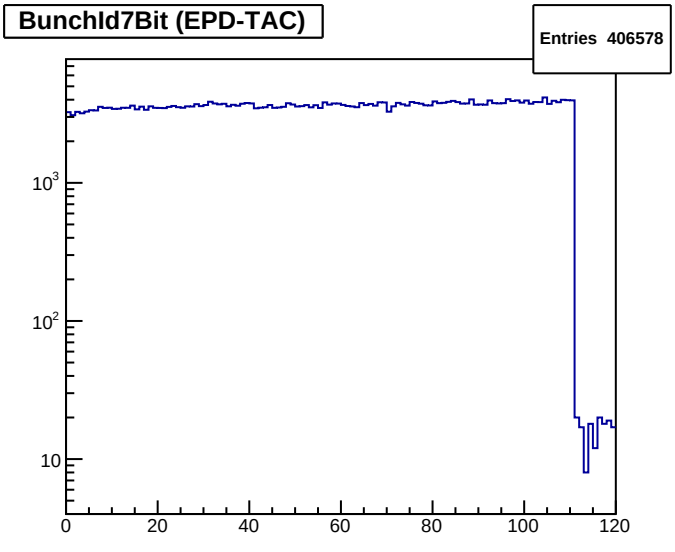
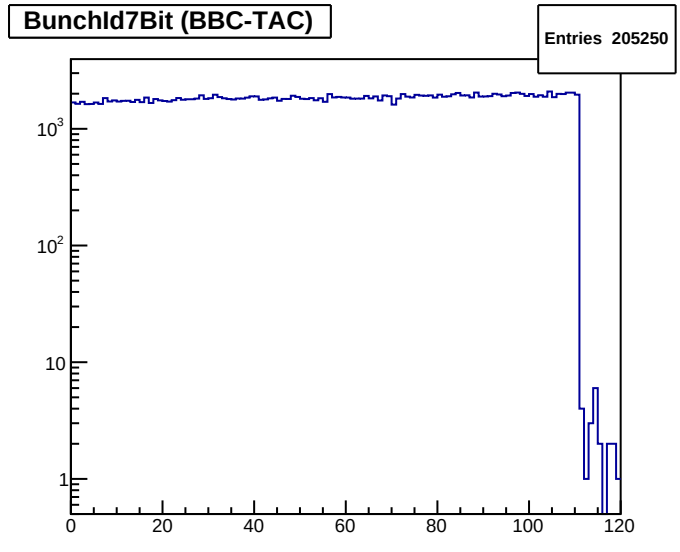
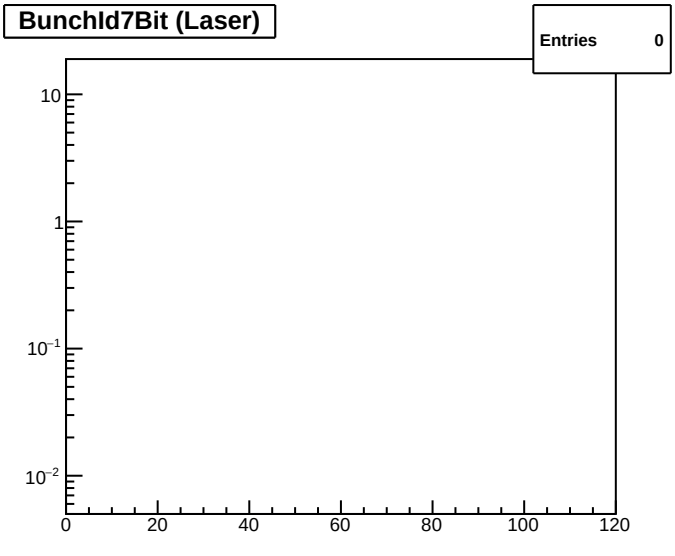
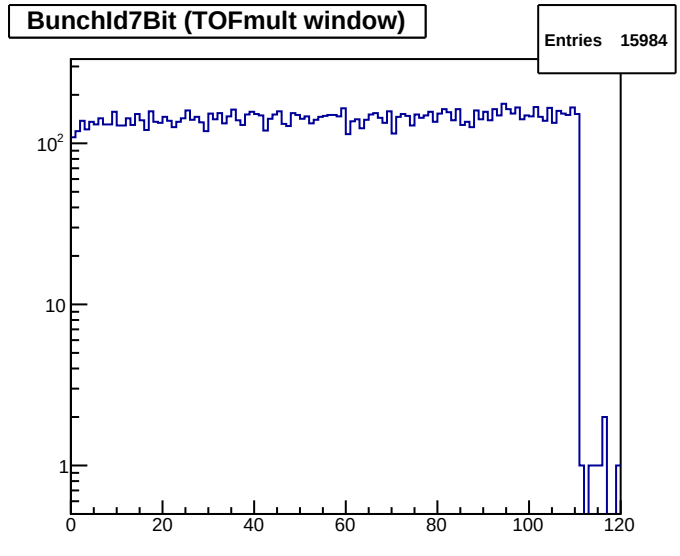

BunchId7Bit (VPD-TAC)
Entries 246059

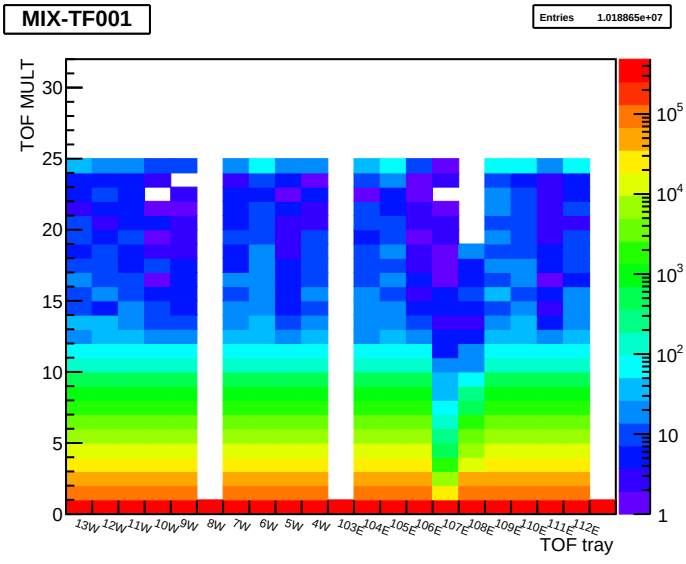

BunchId7Bit (ZDC-TAC)
Entries 941

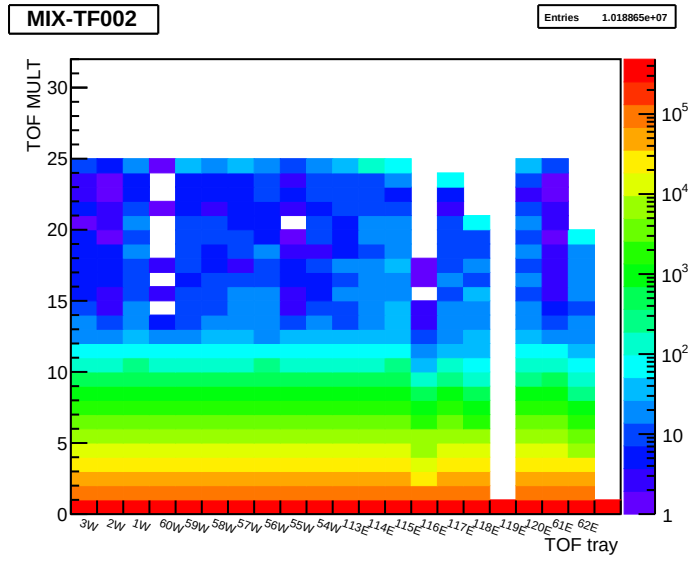

BunchId7Bit (EPD-TAC)
Entries 406578

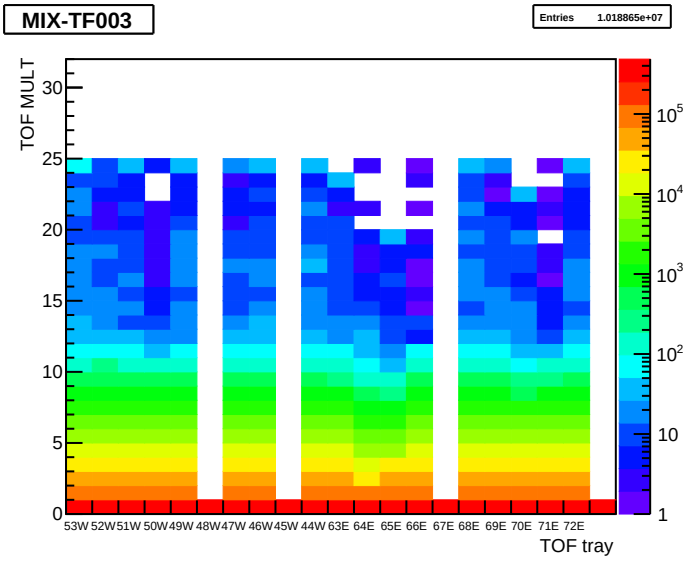

BunchId7Bit (BBC-TAC)
Entries 205250

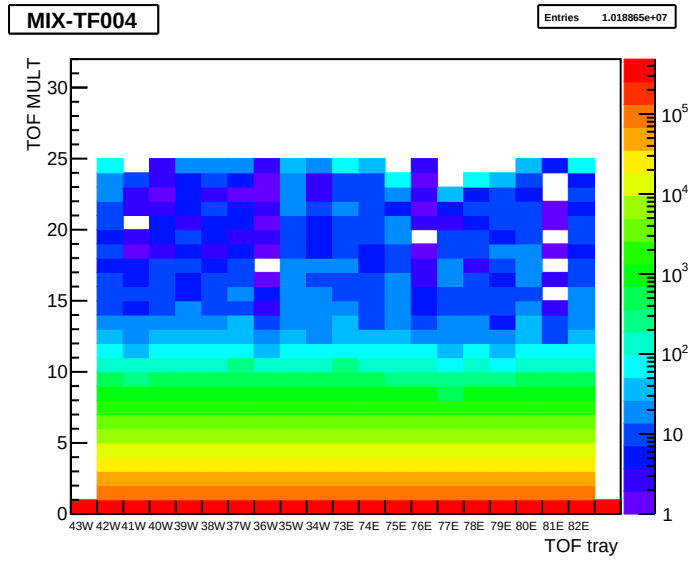

BunchId7Bit (Laser)
Entries 0

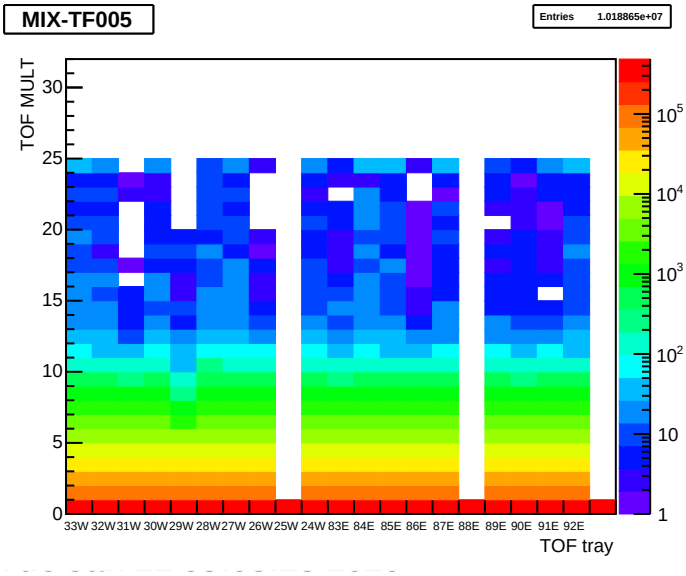

BunchId7Bit (TOFmult window)
Entries 15984

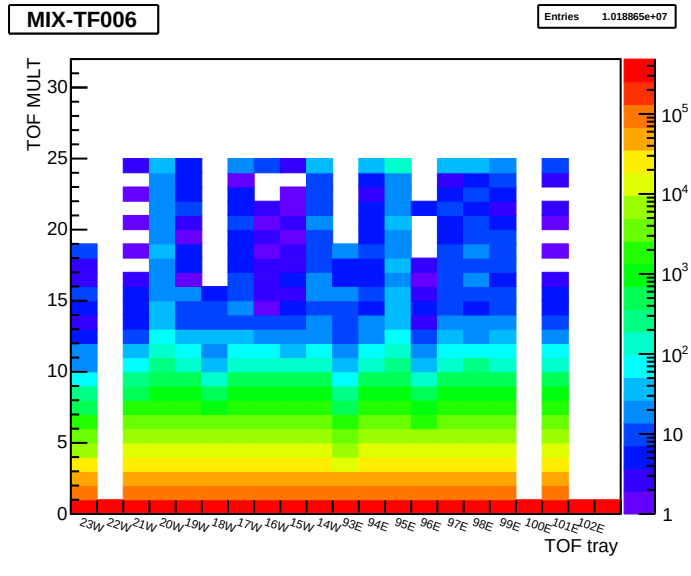

MIX-TF001
Entries 1.018865e+07
TOF MULT
TOF tray

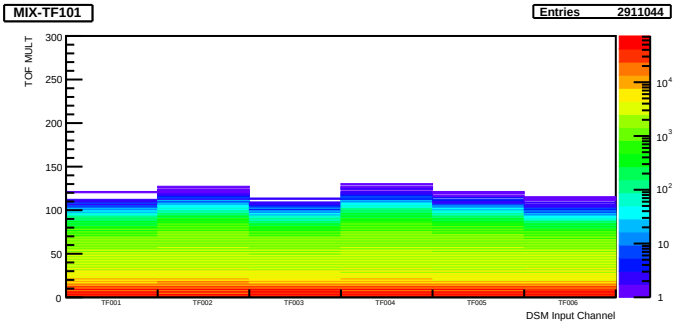

MIX-TF002
Entries 1.018865e+07
TOF MULT
TOF tray

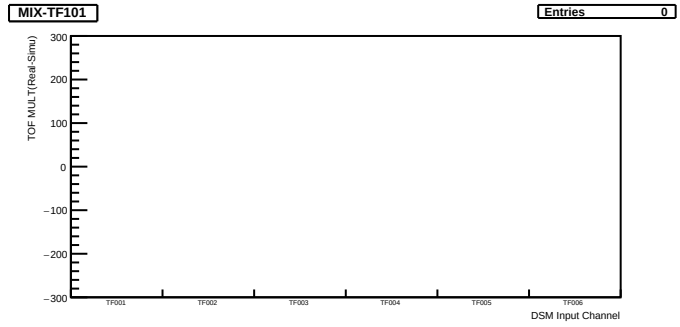

MIX-TF003
Entries 1.018865e+07
TOF MULT
TOF tray

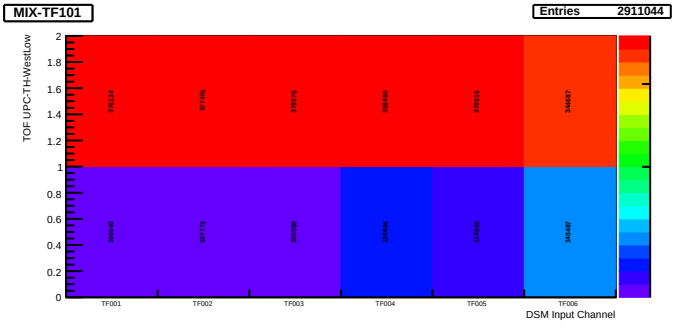

MIX-TF004
Entries 1.018865e+07
TOF MULT
TOF tray

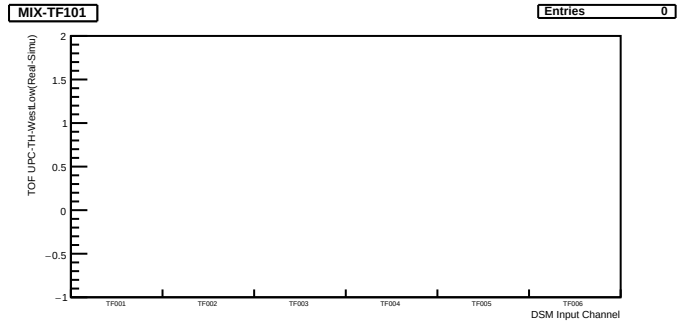

MIX-TF005
Entries 1.018865e+07
TOF MULT
TOF tray

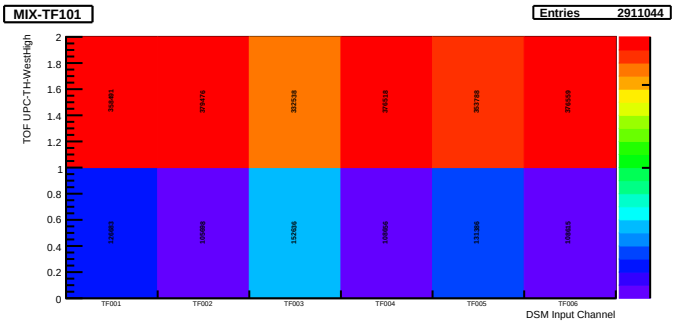

MIX-TF006
Entries 1.018865e+07
TOF MULT
TOF tray

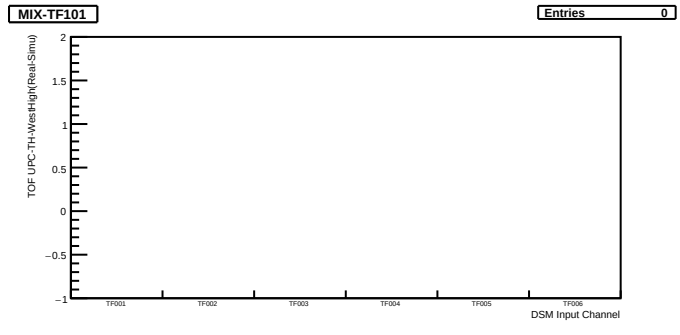

MIX-TF101
Entries 2911044
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

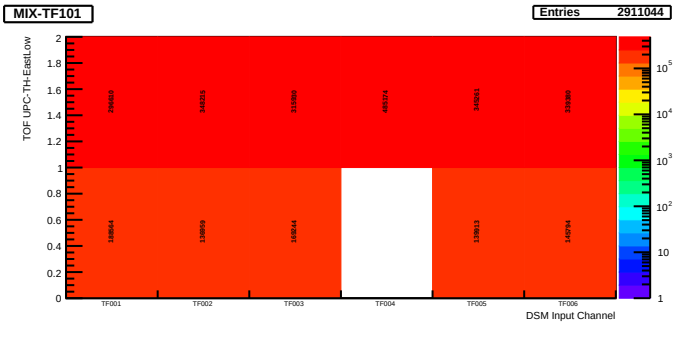

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

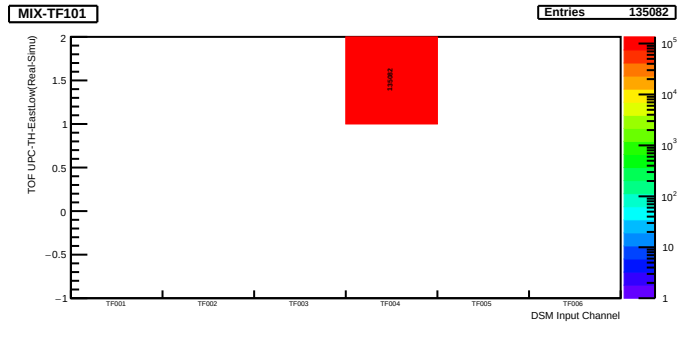

MIX-TF101
Entries 2911044
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

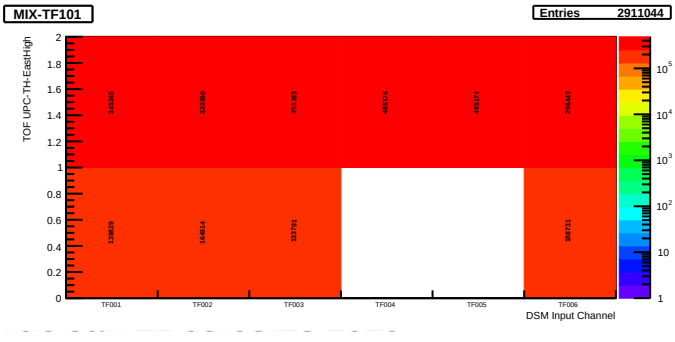

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

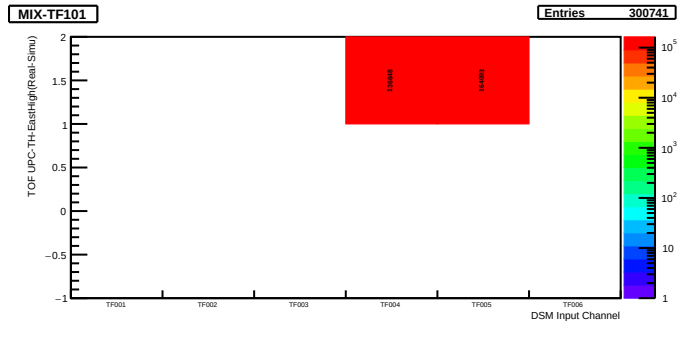

MIX-TF101
Entries 2911044
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

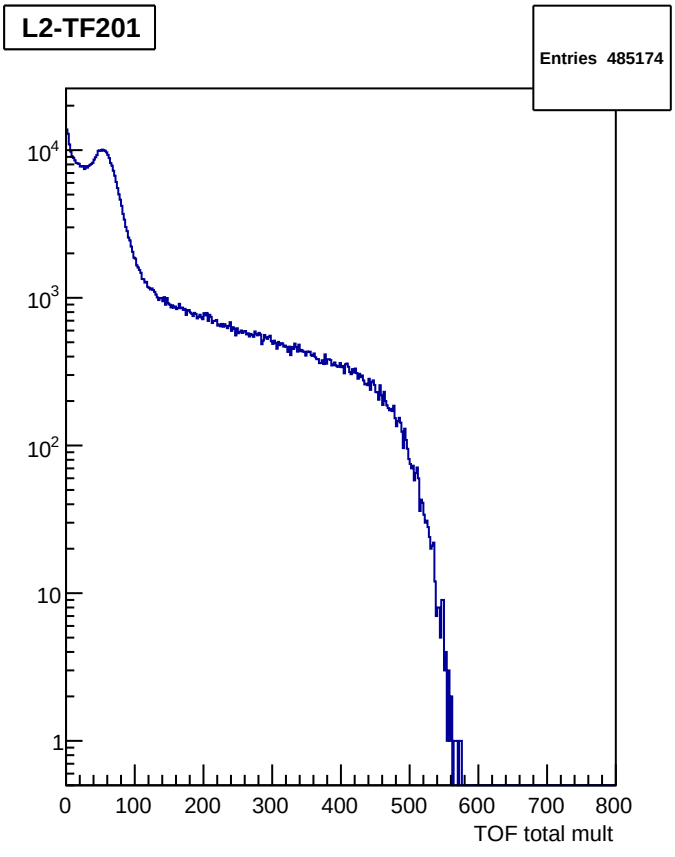

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

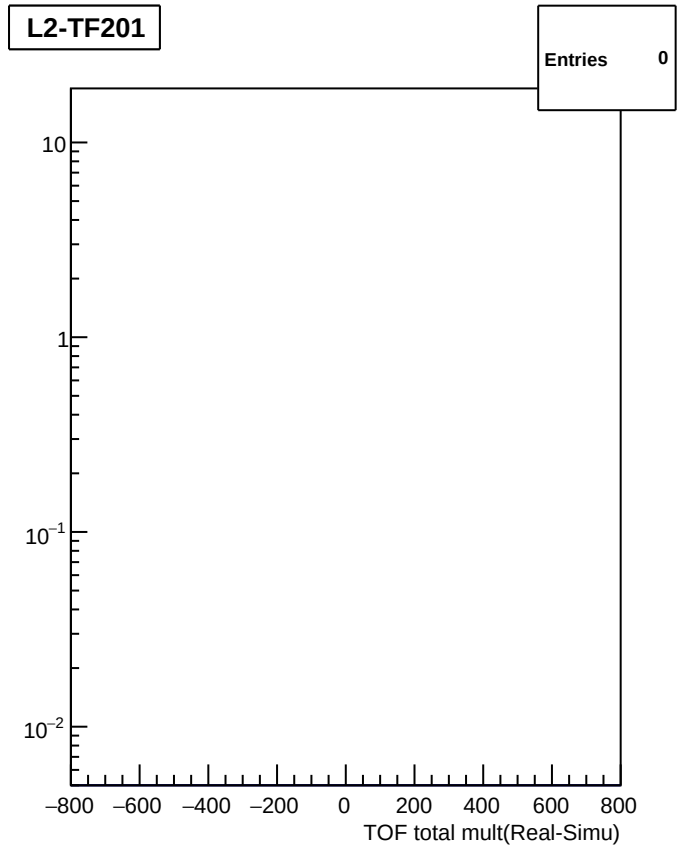

MIX-TF101
Entries 2911044
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

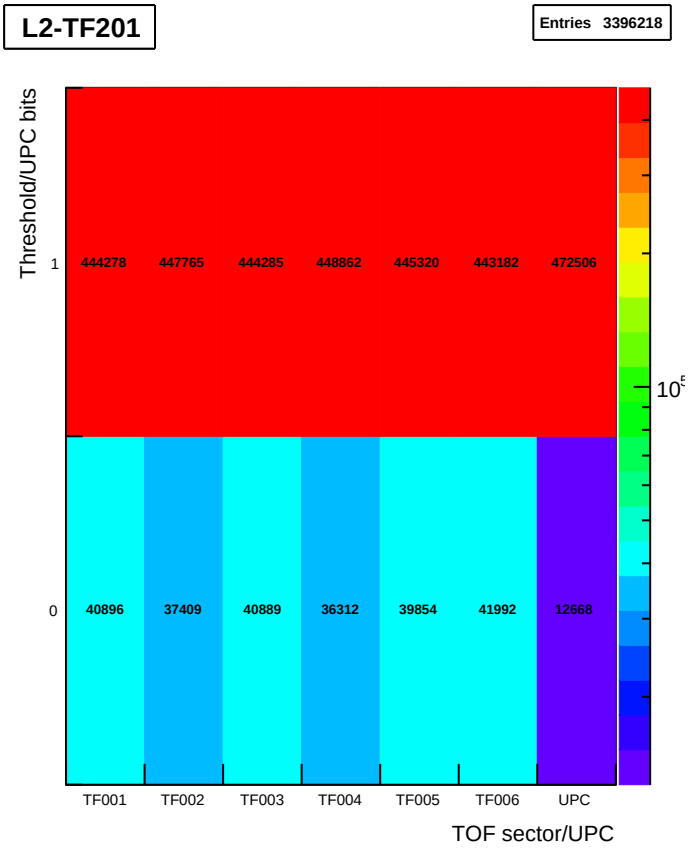

MIX-TF101
Entries 135082
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

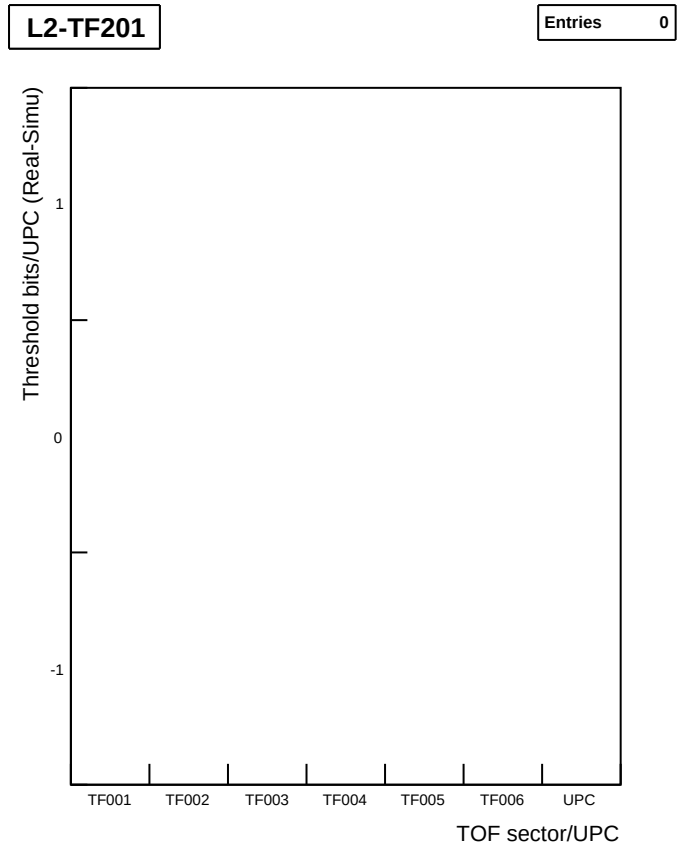

MIX-TF101
Entries 2911044
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

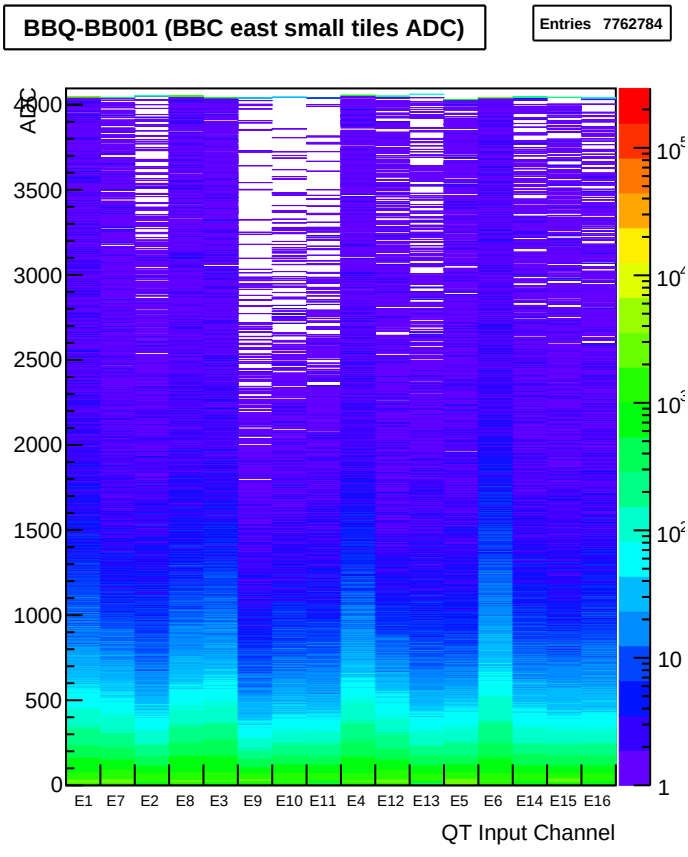

MIX-TF101
Entries 300741
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

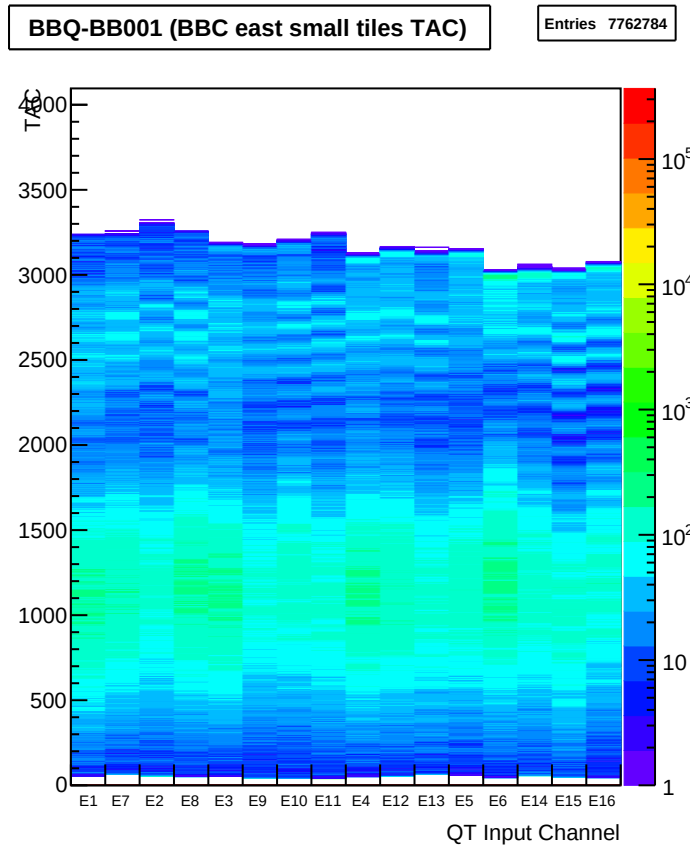

L2-TF201
Entries 485174
TOF total mult

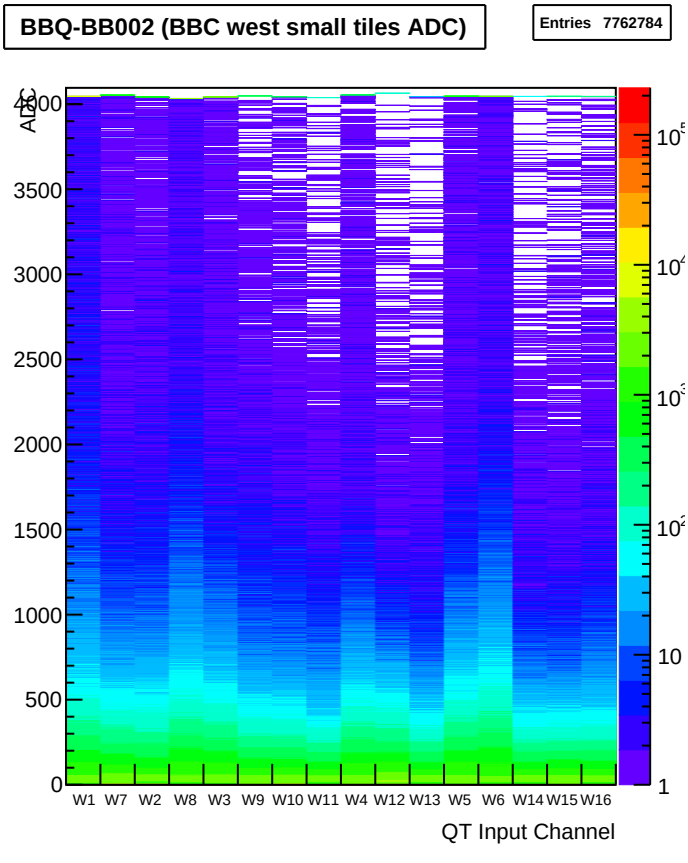

L2-TF201
Entries 0
TOF total mult(Real-Simu)

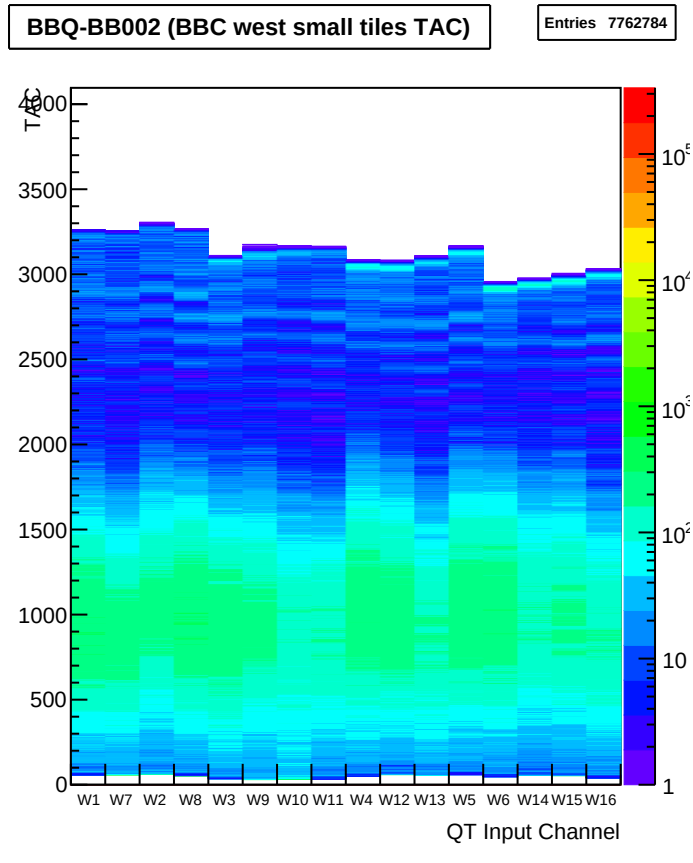

L2-TF201
Entries 3396218
Threshold/UPC bits
444278
447765
444285
448862
445320
443182
472506
40896
37409
40889
36312
39854
41992
12668
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

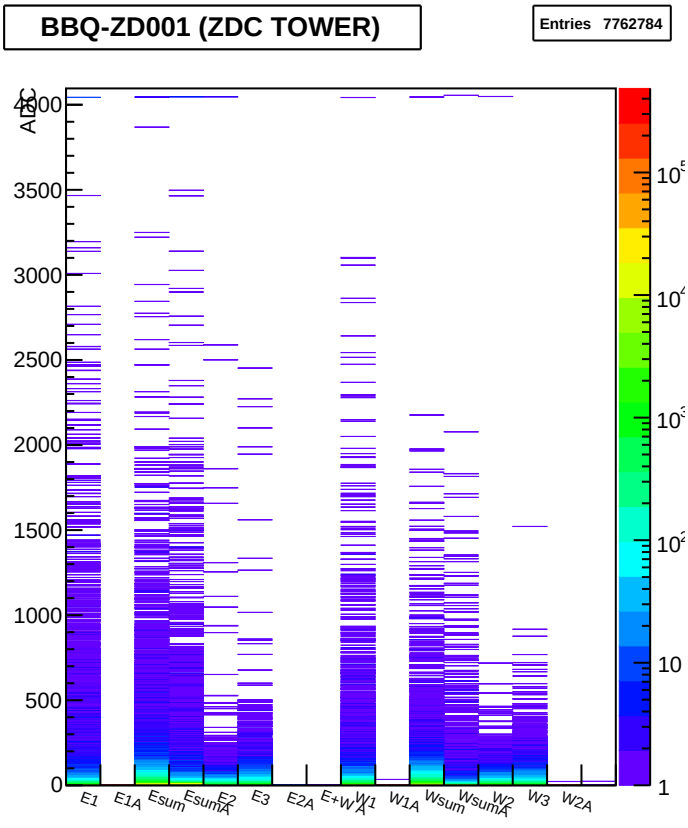

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

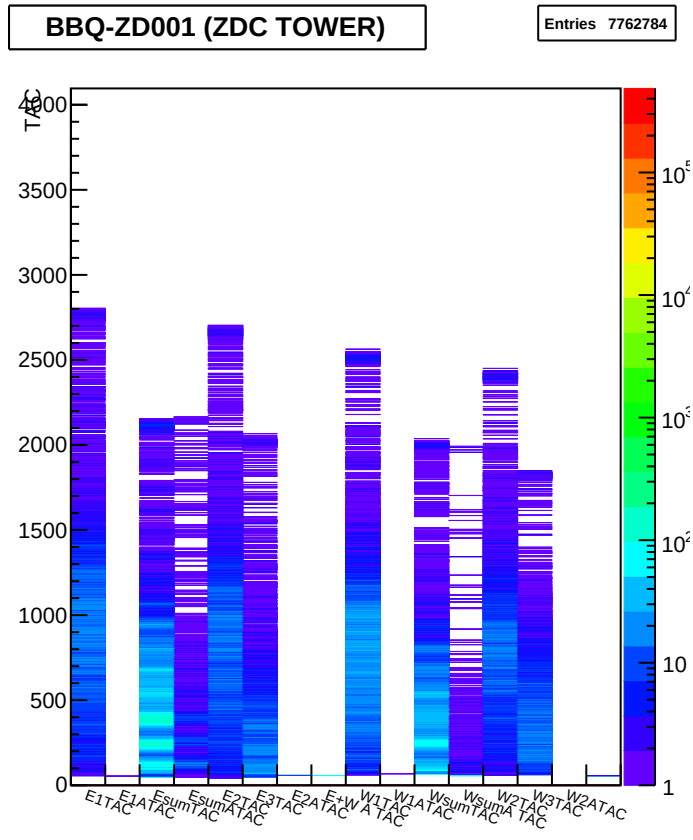

BBQ-BB001 (BBC east small tiles ADC)
Entries 7762784
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

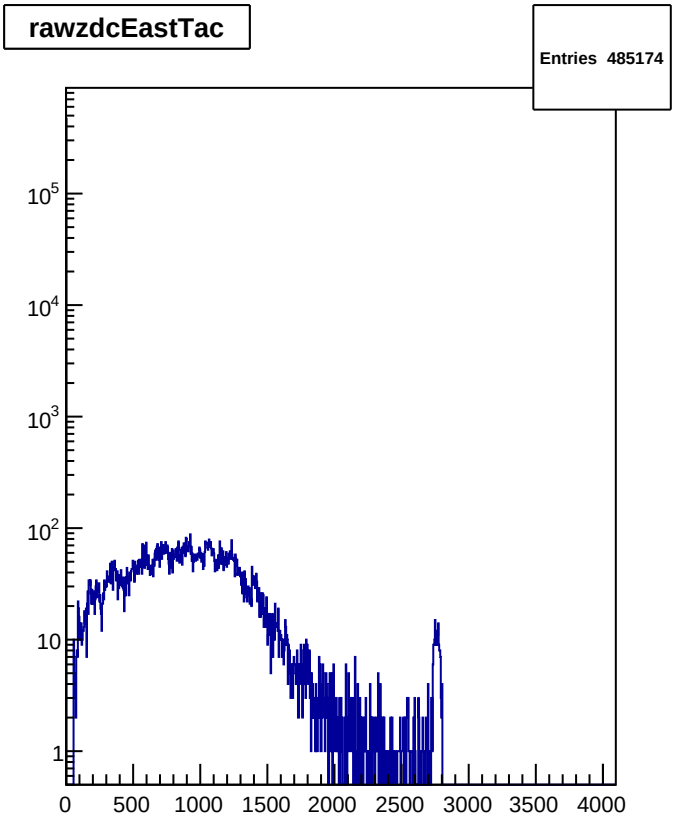

BBQ-BB001 (BBC east small tiles TAC)
Entries 7762784
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

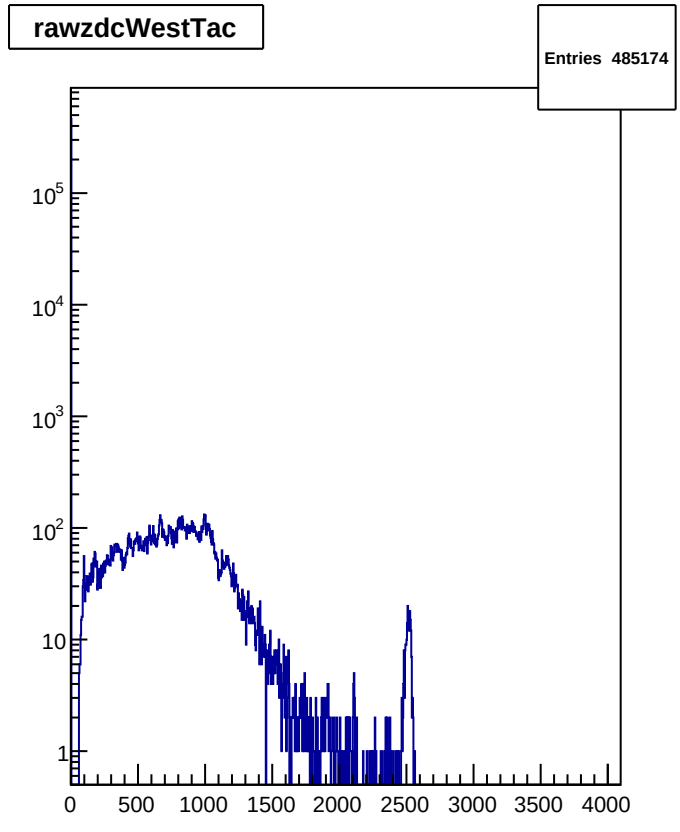

BBQ-BB002 (BBC west small tiles ADC)
Entries 7762784
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

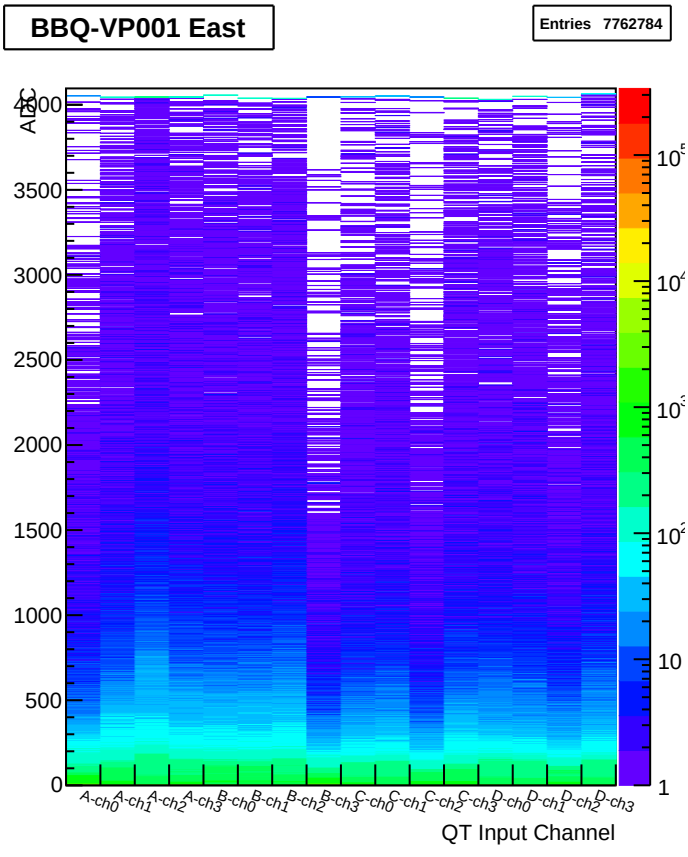

BBQ-BB002 (BBC west small tiles TAC)
Entries 7762784
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

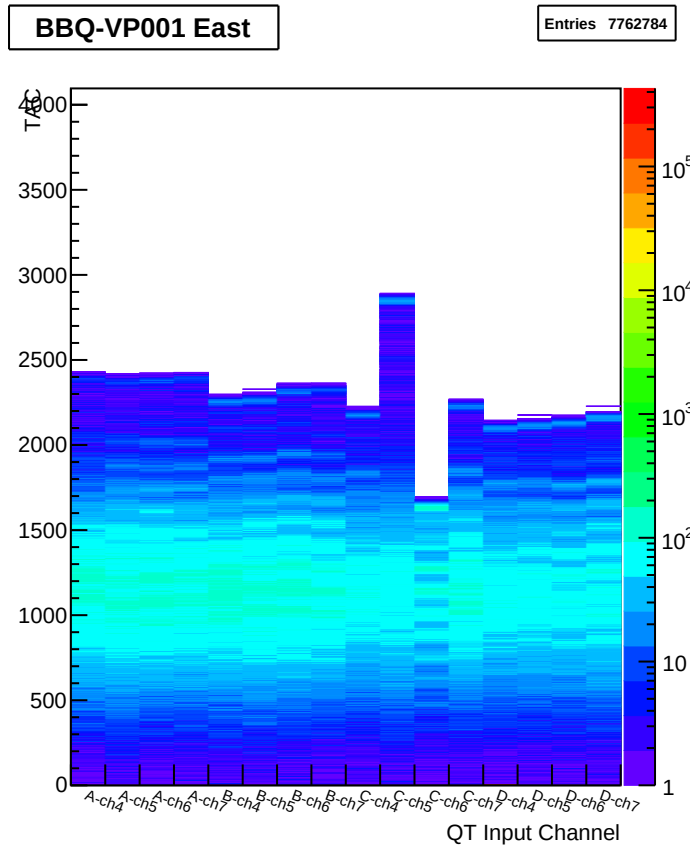

BBQ-ZD001 (ZDC TOWER)
Entries 7762784
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

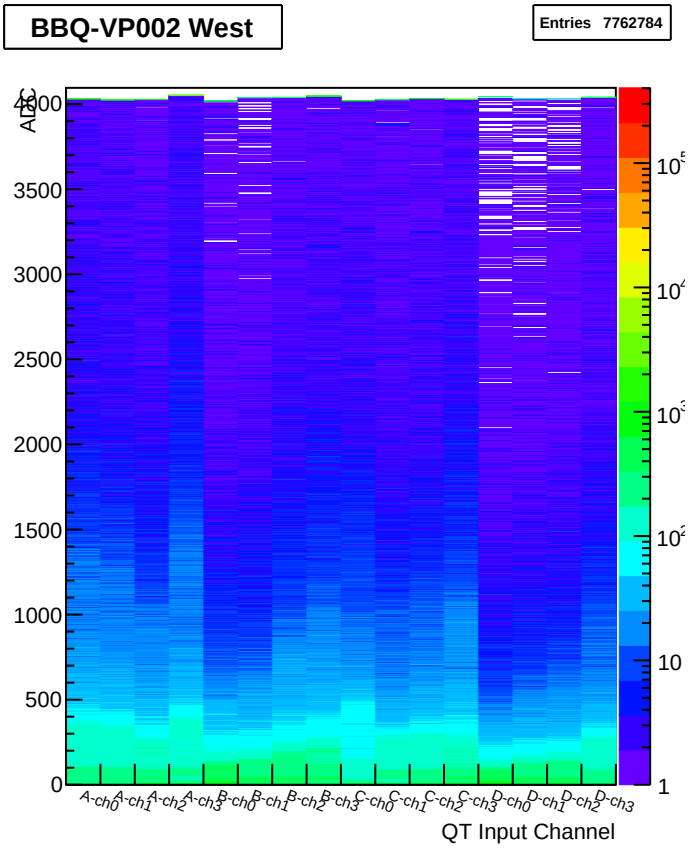

BBQ-ZD001 (ZDC TOWER)
Entries 7762784
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

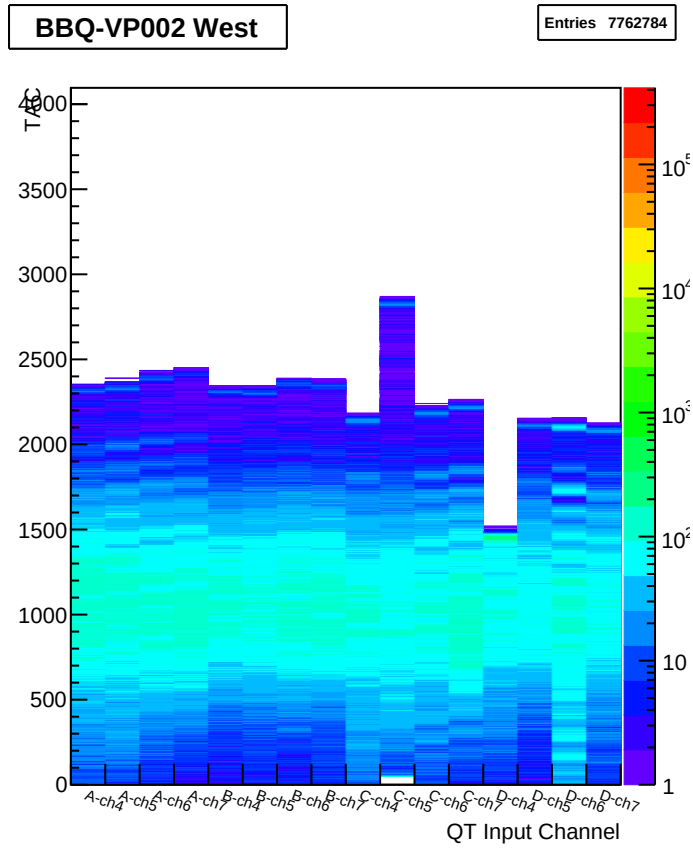

rawzdcEastTac
Entries 485174

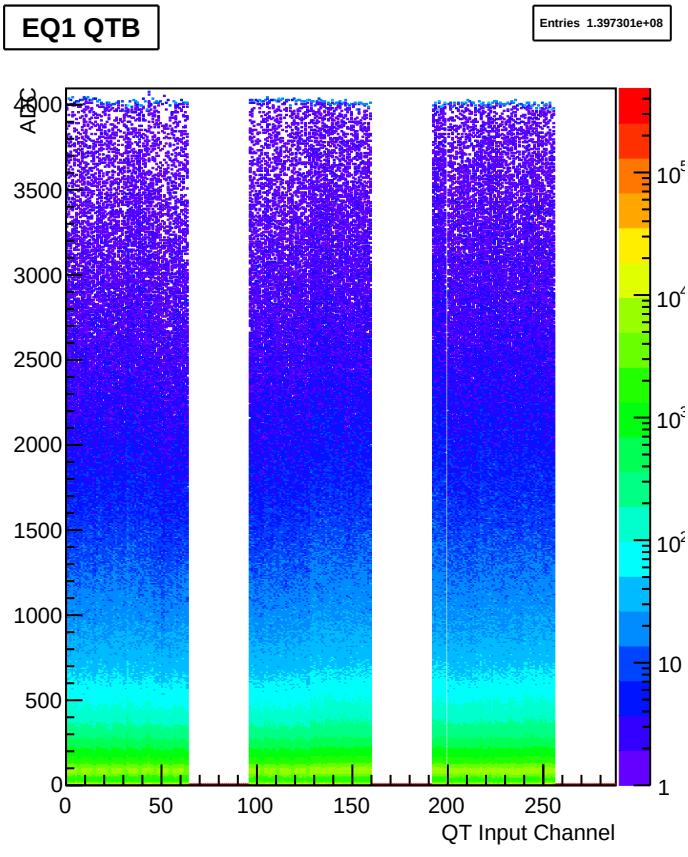

rawzdcWestTac
Entries 485174

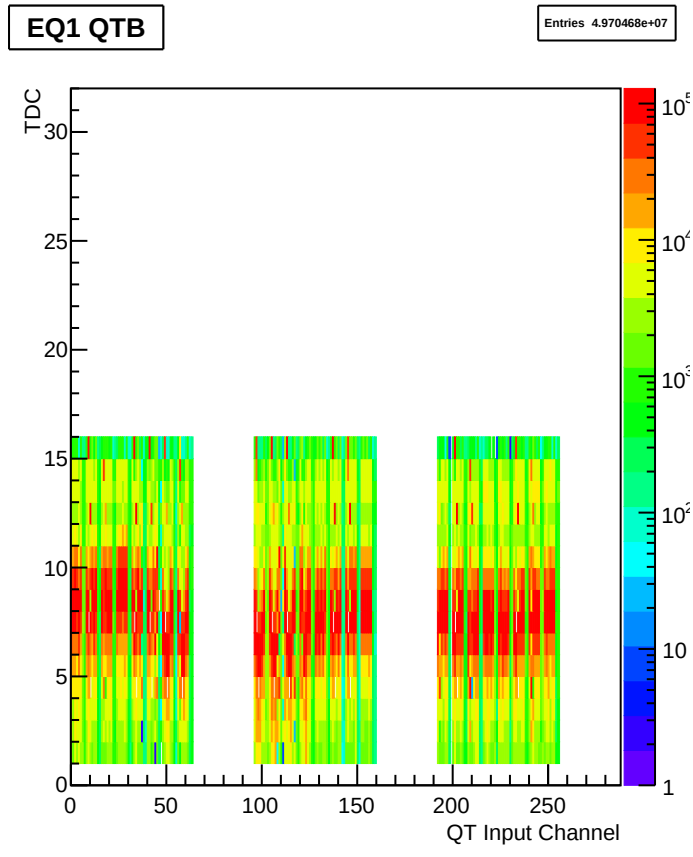

BBQ-VP001 East
Entries 7762784
ADC
QT Input Channel

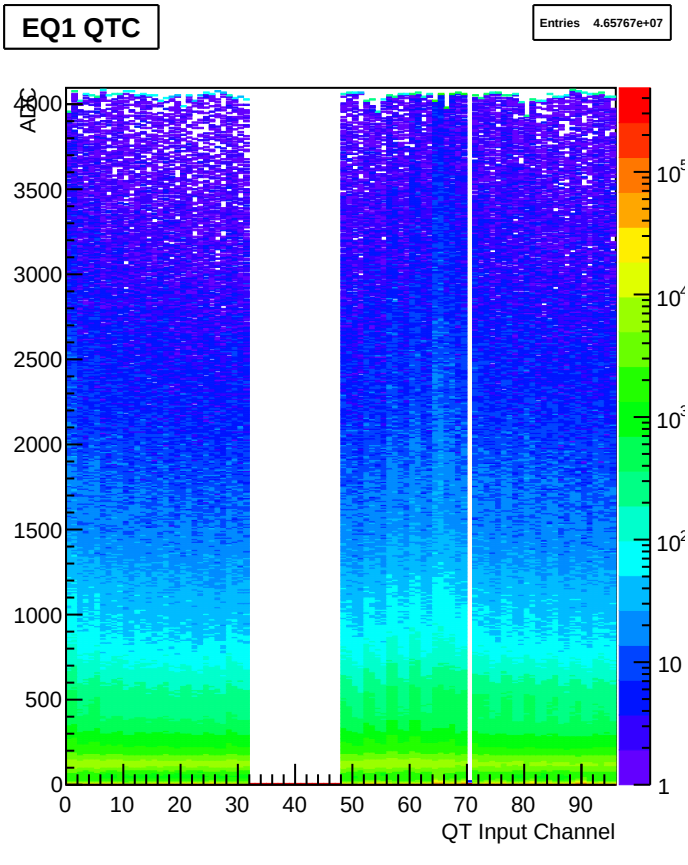

BBQ-VP001 East
Entries 7762784
ADC
QT Input Channel

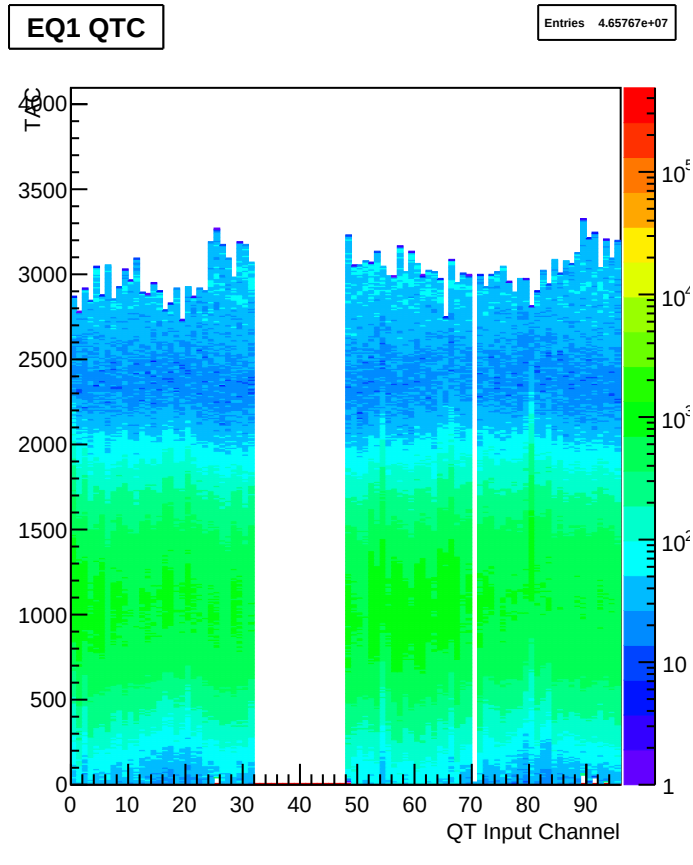

BBQ-VP002 West
Entries 7762784
ADC
QT Input Channel

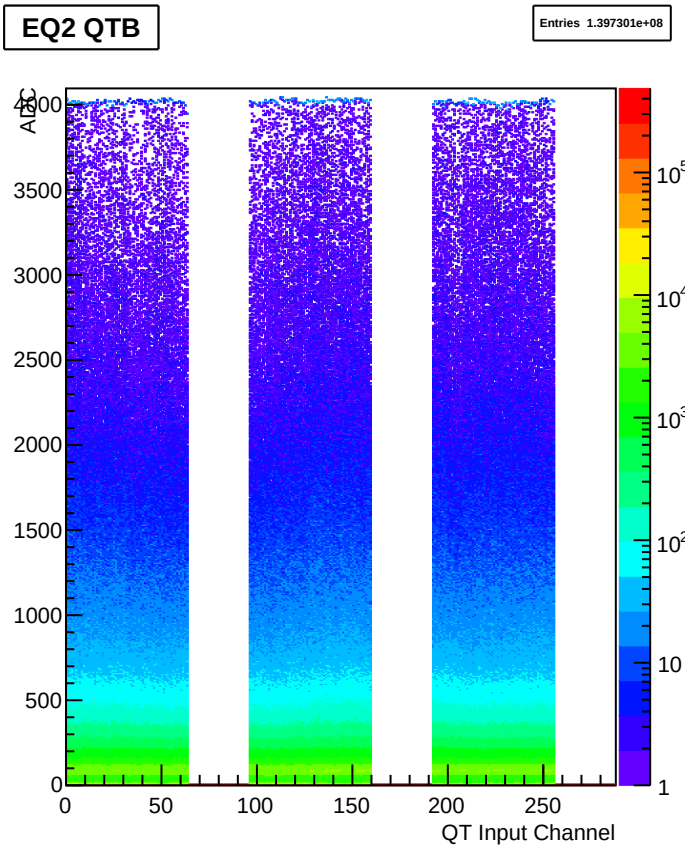

BBQ-VP002 West
Entries 7762784
ADC
QT Input Channel

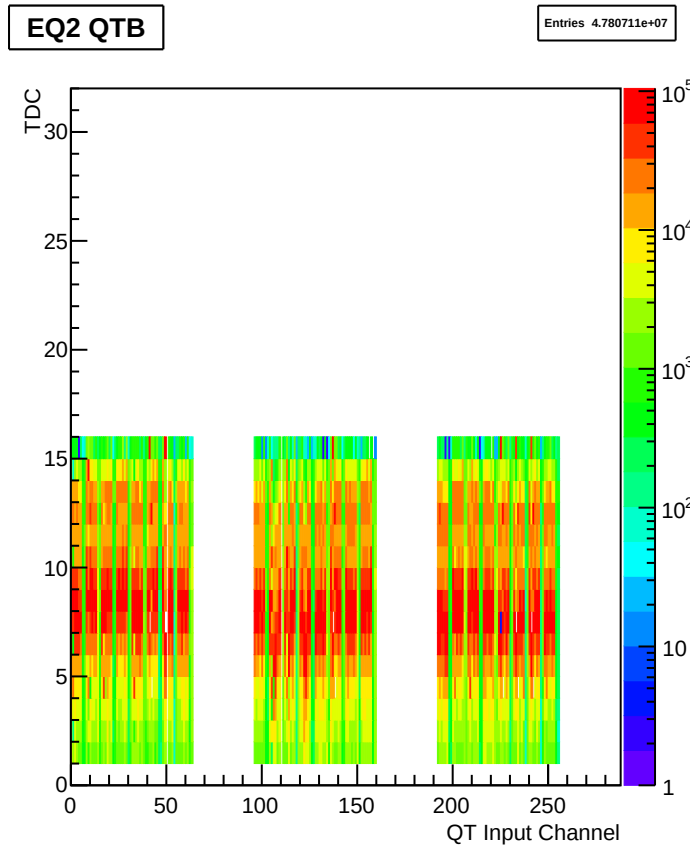

EQ1 QTB
Entries 1.397301e+08
ADC
QT Input Channel

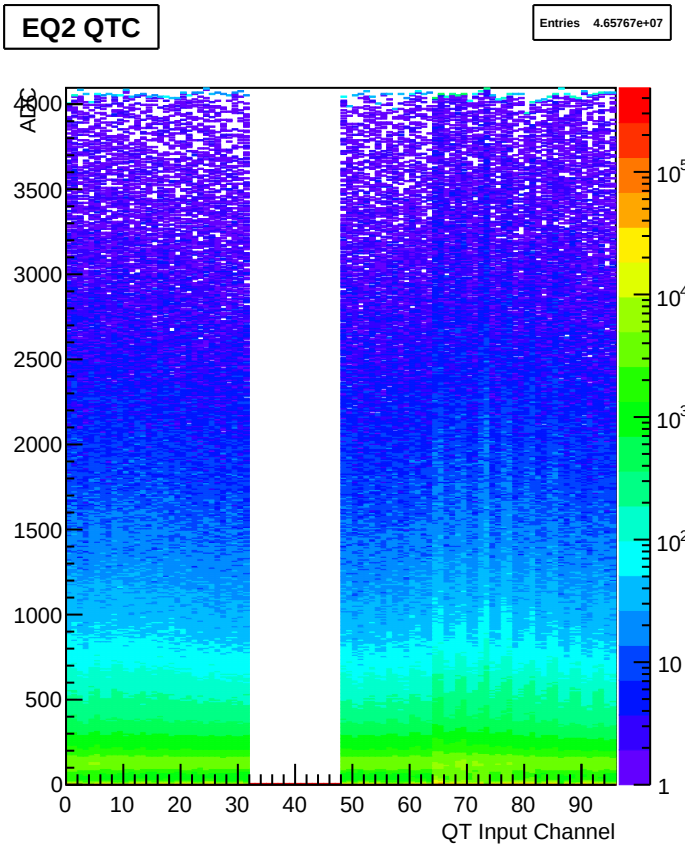

EQ1 QTB
Entries 4.970468e+07
TDC
QT Input Channel

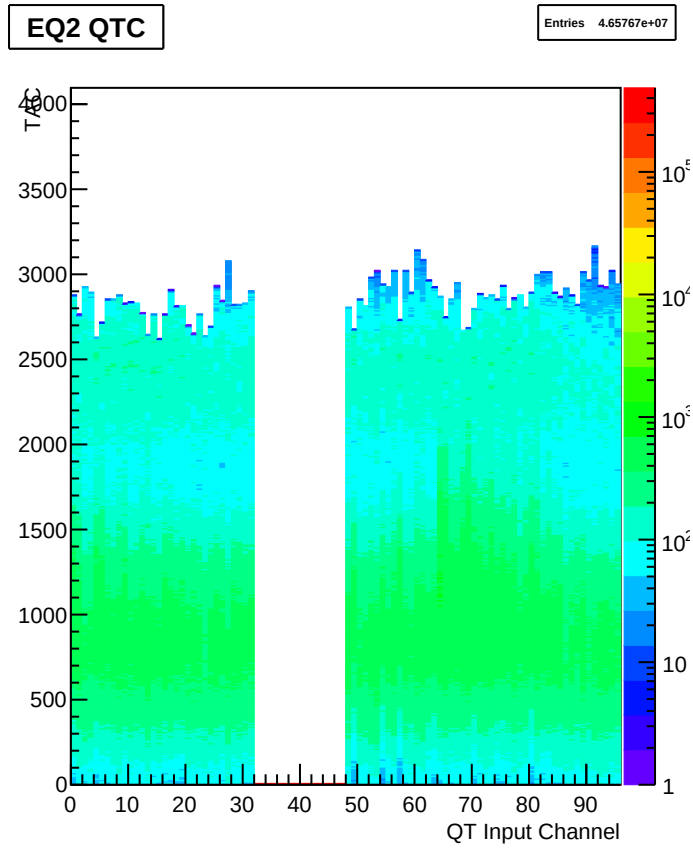

EQ1 QTC
Entries 4.65767e+07
ADC
QT Input Channel

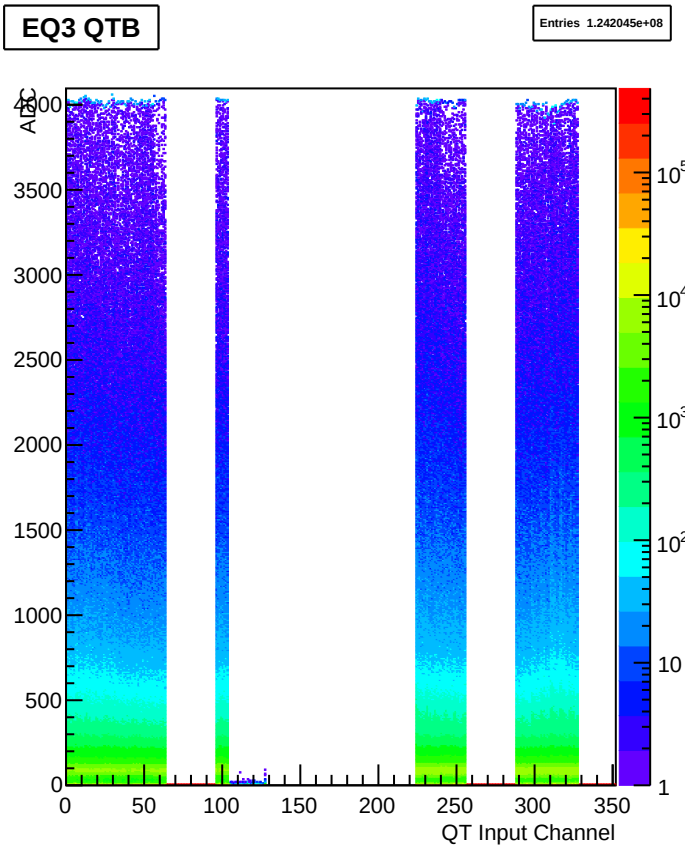

EQ1 QTC
Entries 4.65767e+07
TADC
QT Input Channel

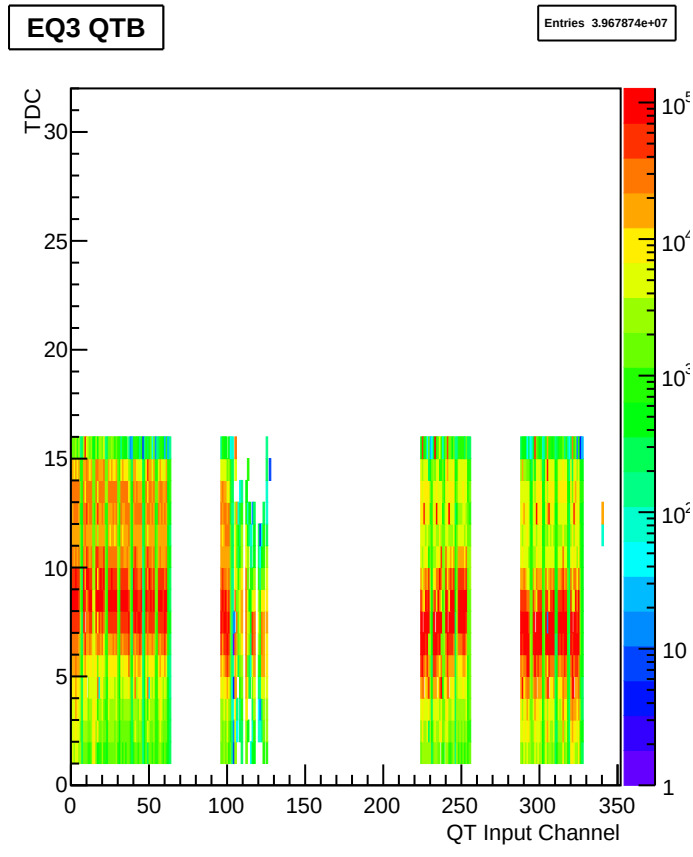

EQ2 QTB
Entries 1.397301e+08
ADC
QT Input Channel

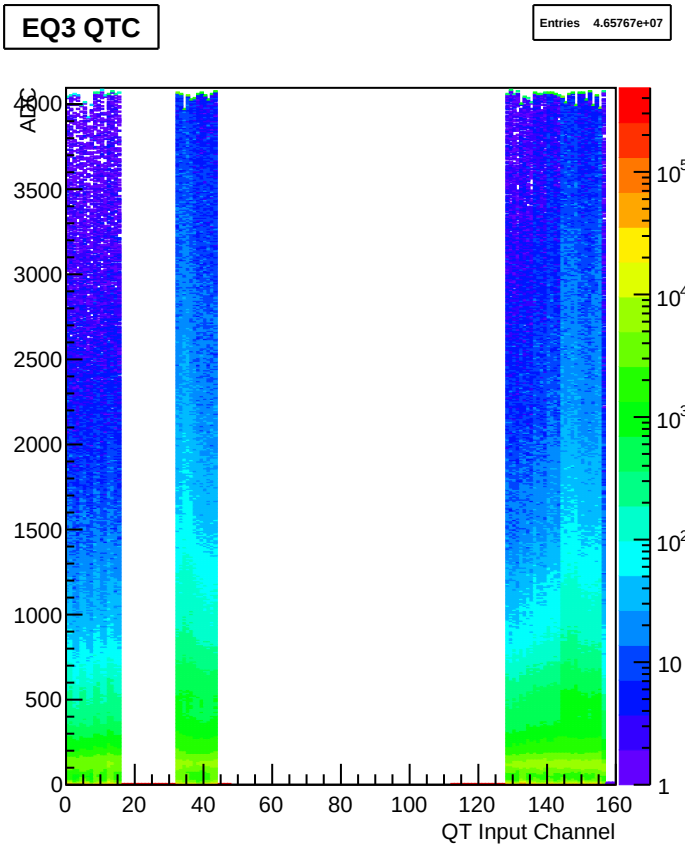

EQ2 QTB
Entries 4.780711e+07
TDC
QT Input Channel

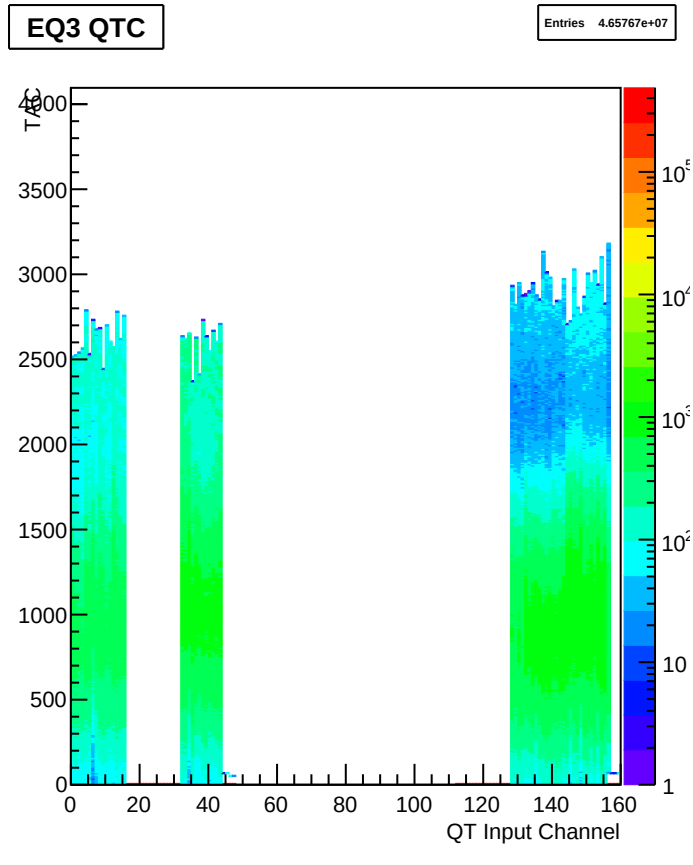

EQ2 QTC
Entries 4.65767e+07
ADC
QT Input Channel

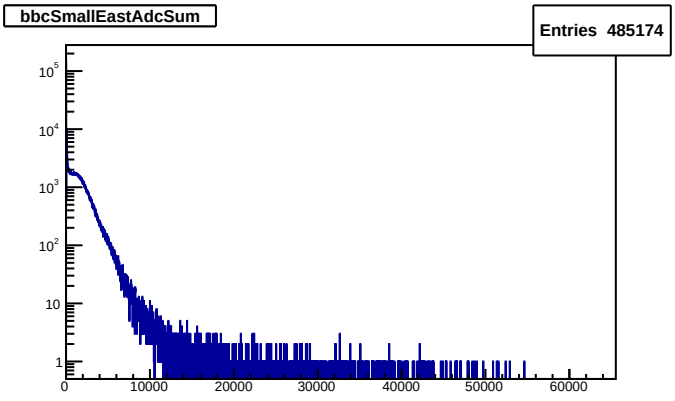

EQ2 QTC
Entries 4.65767e+07
TADC
QT Input Channel

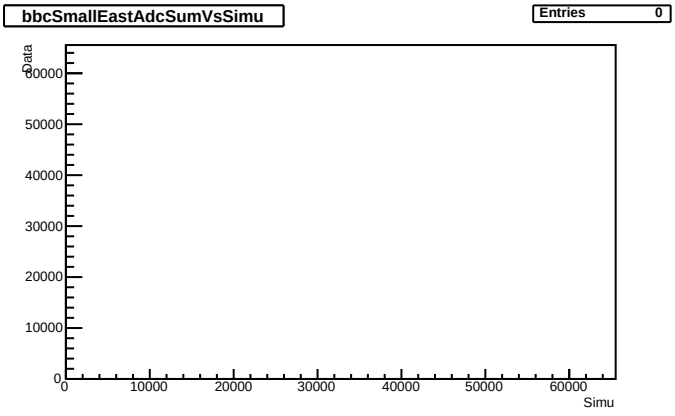

EQ3 QTB
Entries 1.242045e+08
ADC
QT Input Channel

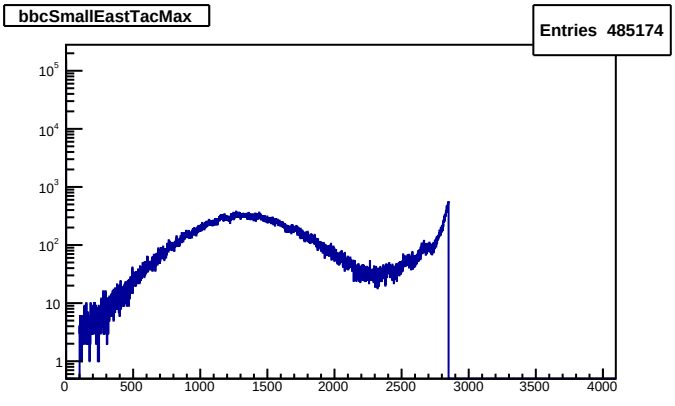

EQ3 QTB
Entries 3.967874e+07
TDC
QT Input Channel

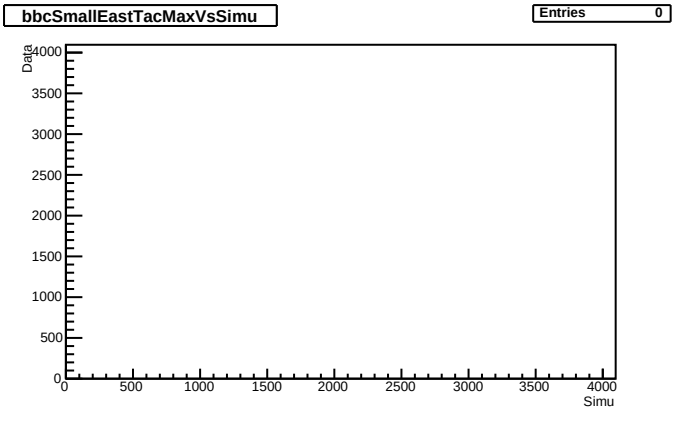

EQ3 QTC
Entries 4.65767e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.65767e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 485174


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 485174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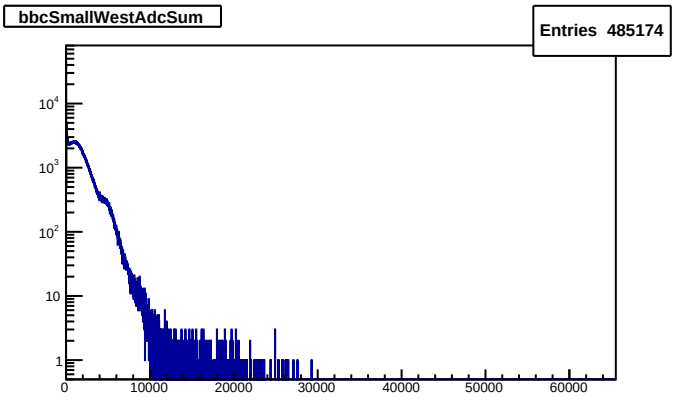
Simu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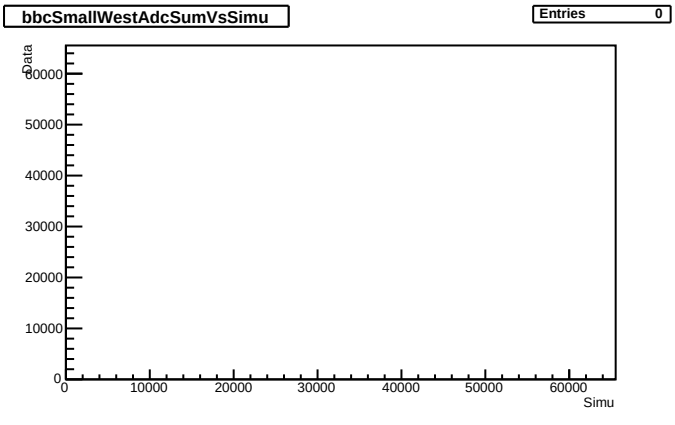
Entries 485174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Entries 0
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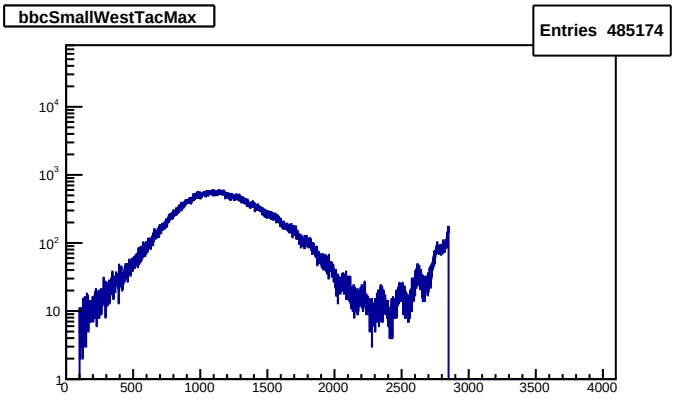
Simu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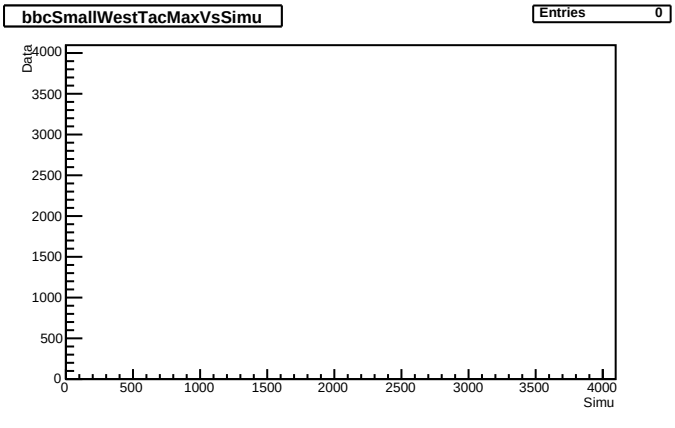
Entries 485174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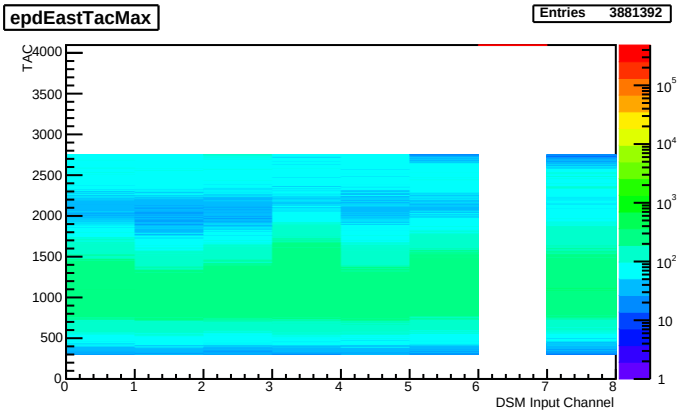
Entries 0
Data
Simu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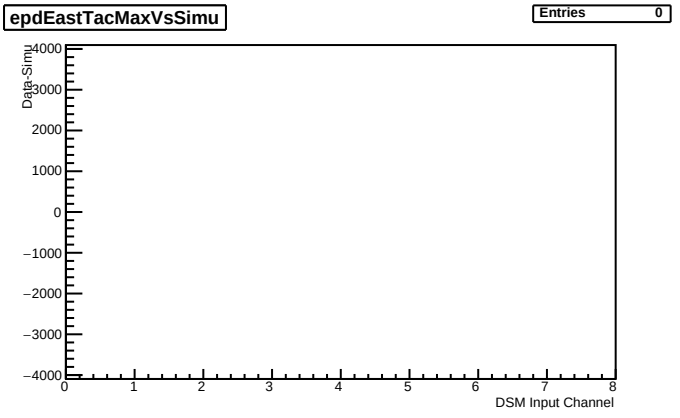
Entries 3881392
TAC
DSM Input Channel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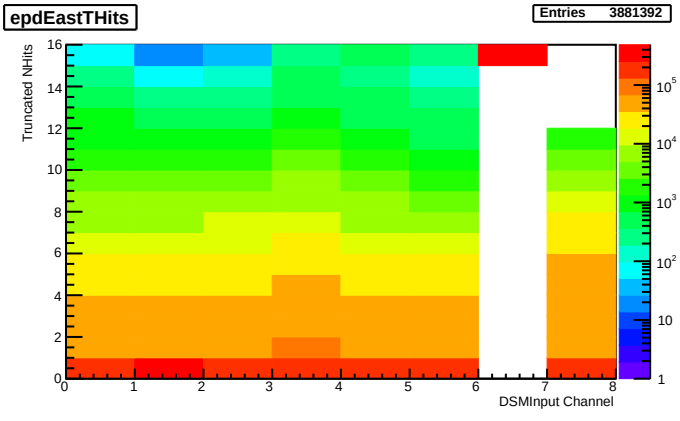
Entries 0
Data-Simu
DSM Input Channel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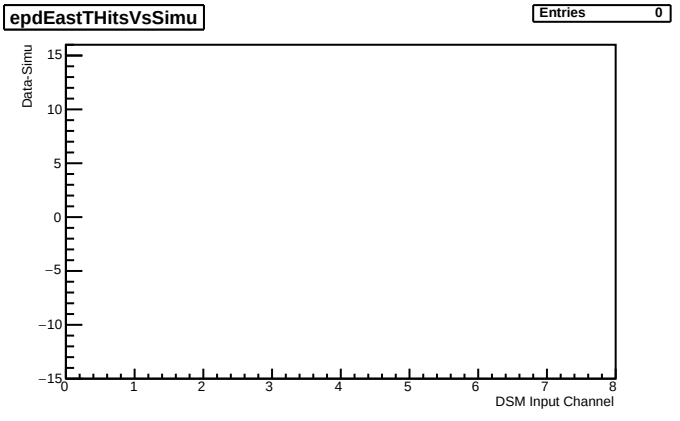
Entries 3881392
Truncated NHits
DSMInput Channel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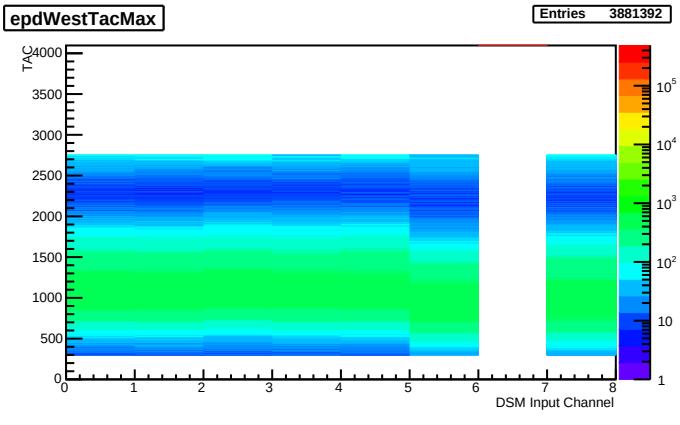
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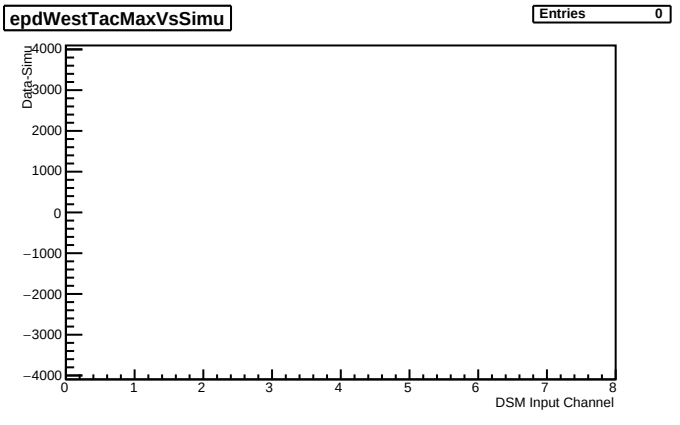
DSM Input Channel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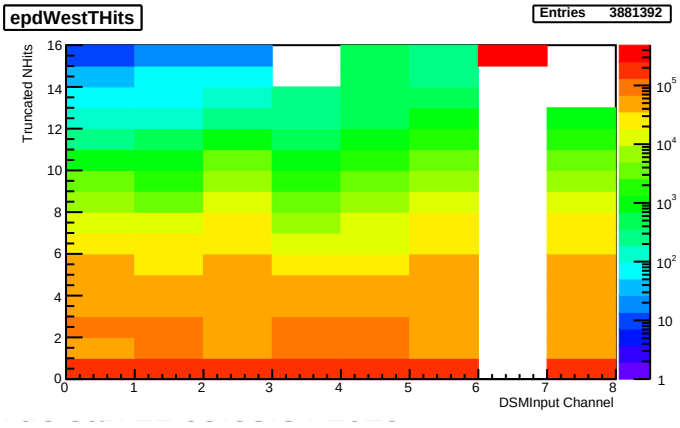
Entries 0
Data-Simu
DSM Input Channel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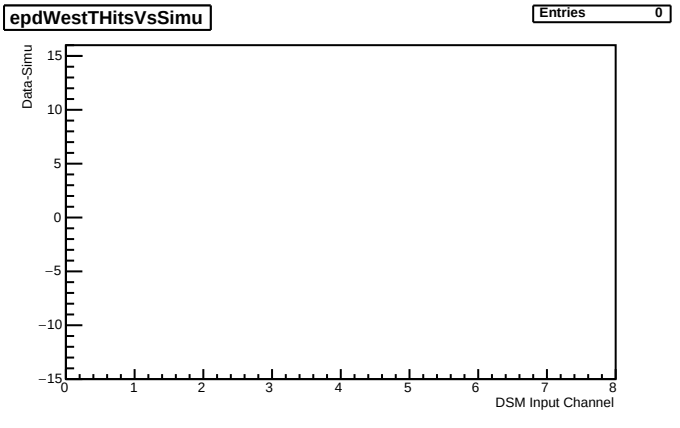
Entries 3881392
Truncated NHits
DSMInput Channel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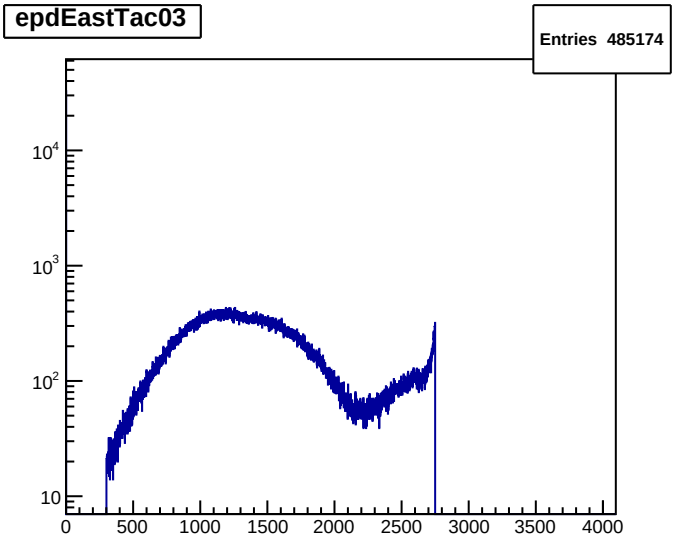
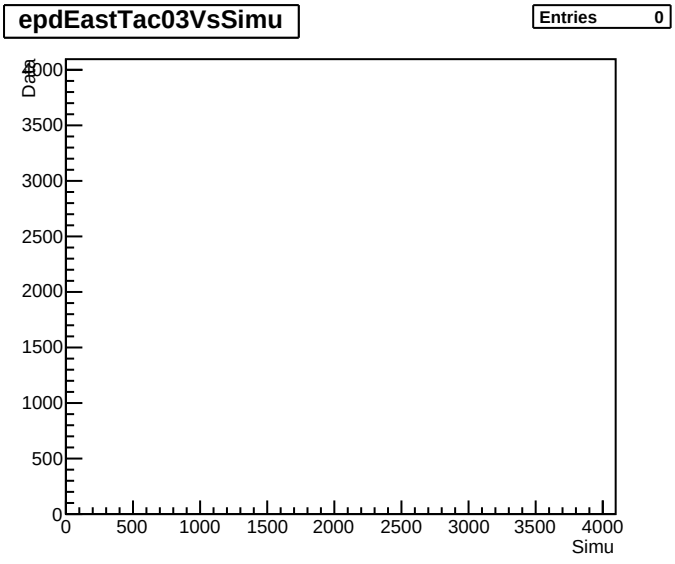
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 485174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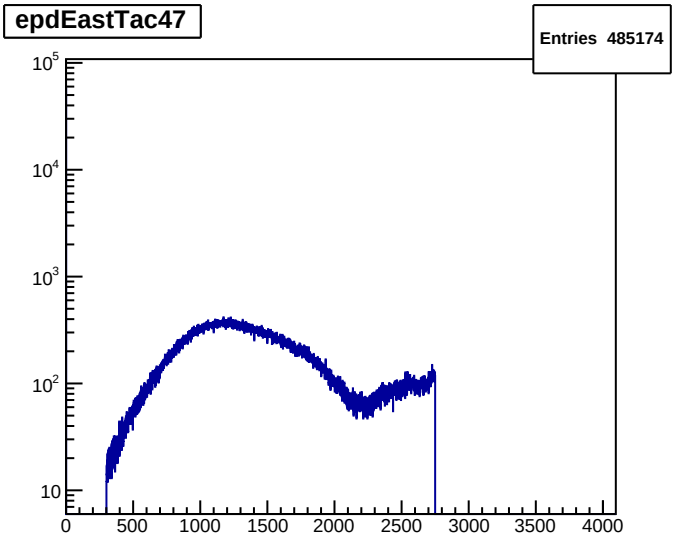
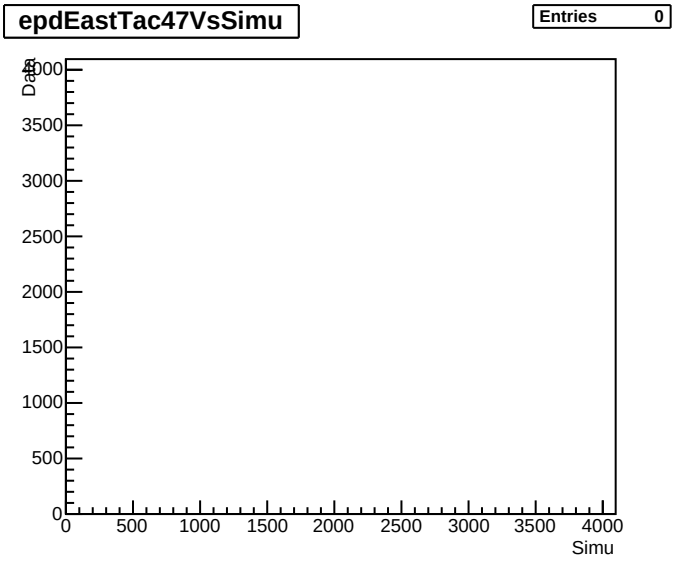
Entries 0
Data
Simu


epdEastTac47
Entries 485174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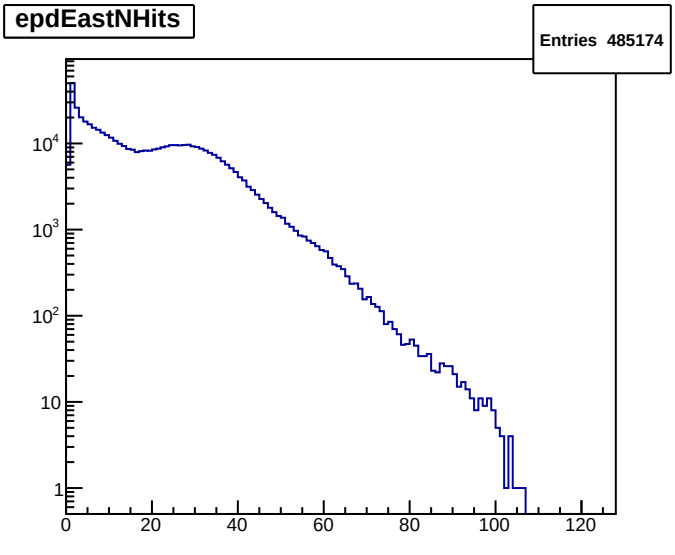
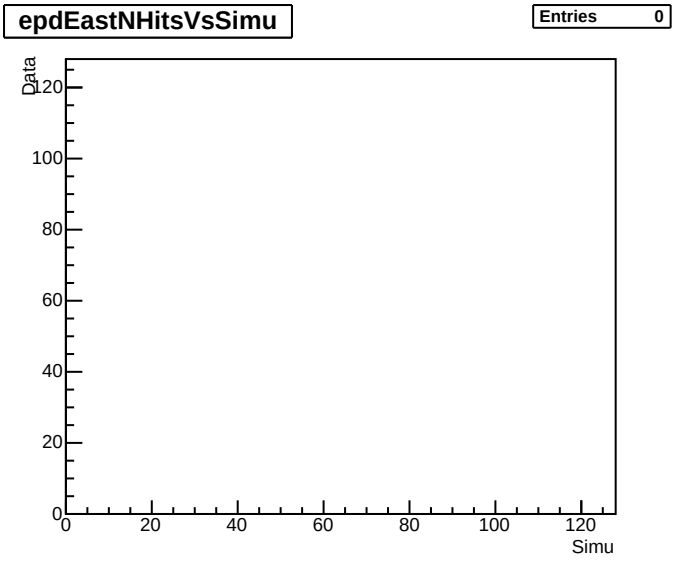
Entries 0
Data
Simu


epdEastNHits
Entries 485174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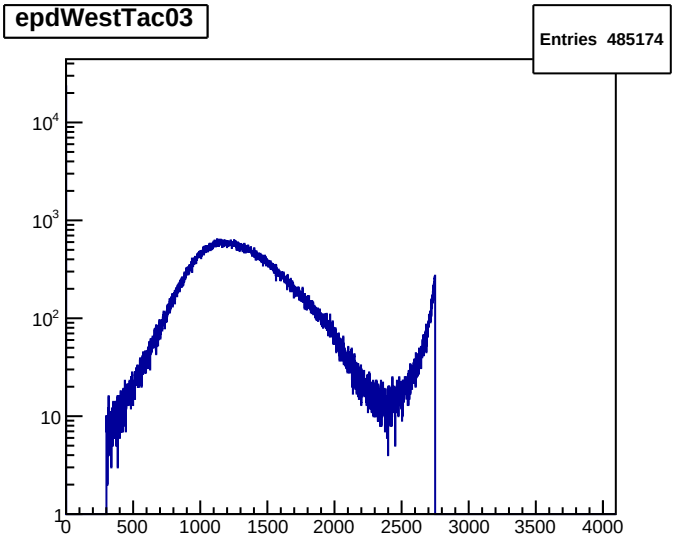
Data
Simu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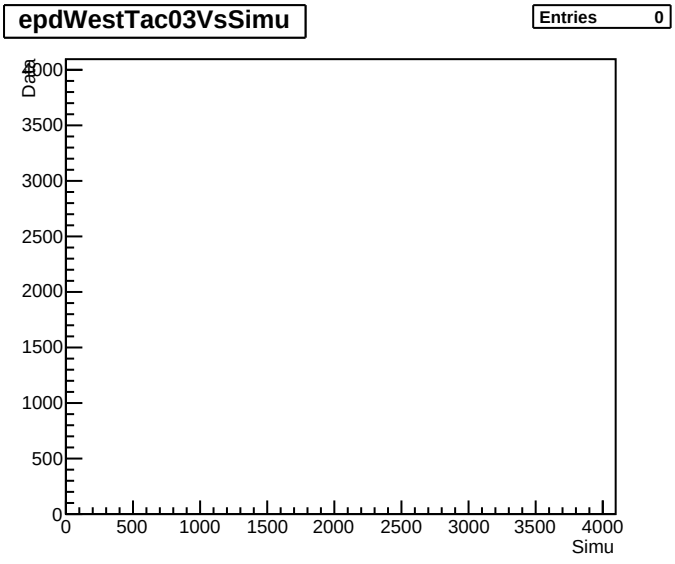
Entries 485174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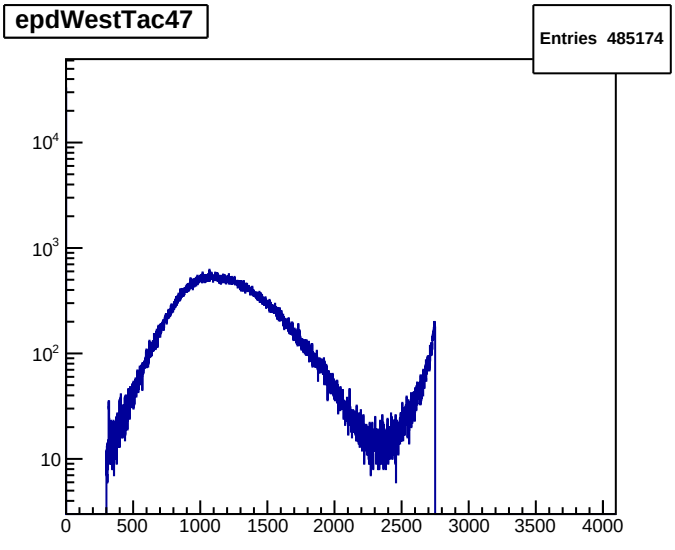
Data
Simu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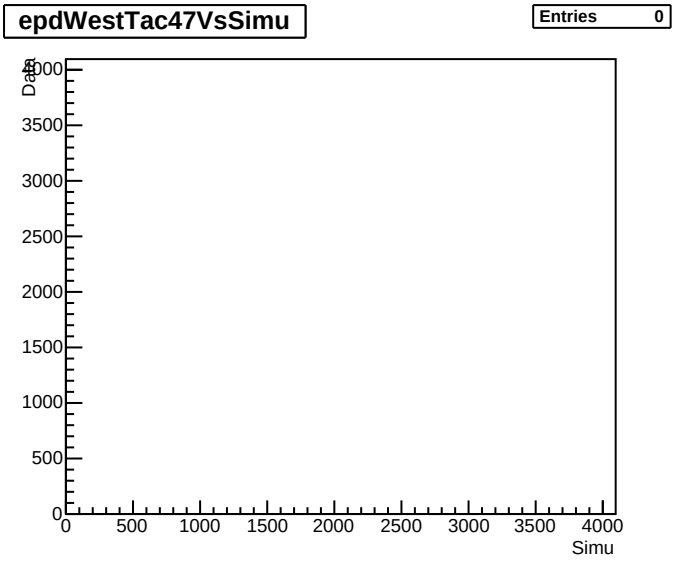
Entries 485174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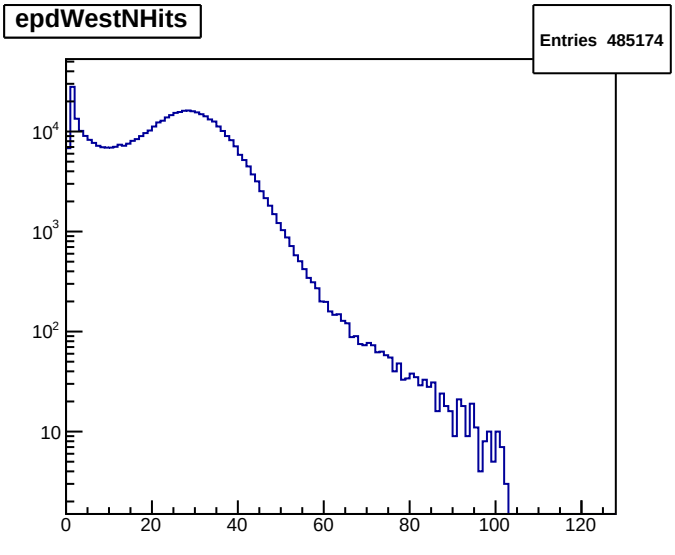
Entries 0
Data
Simu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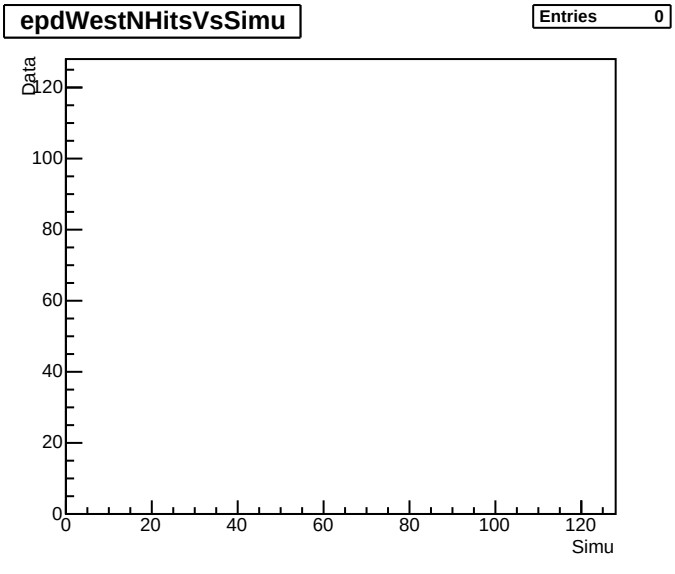
Entries 485174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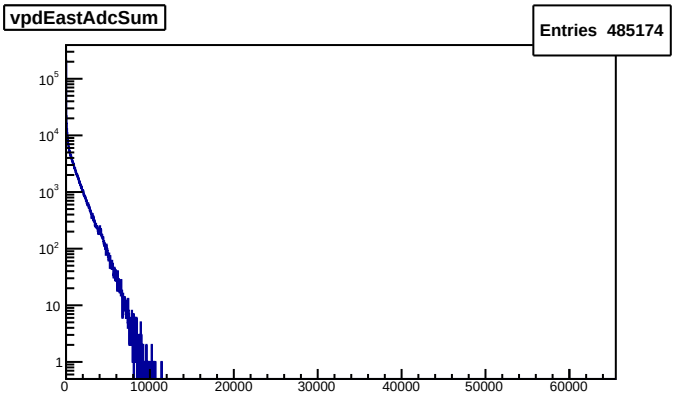
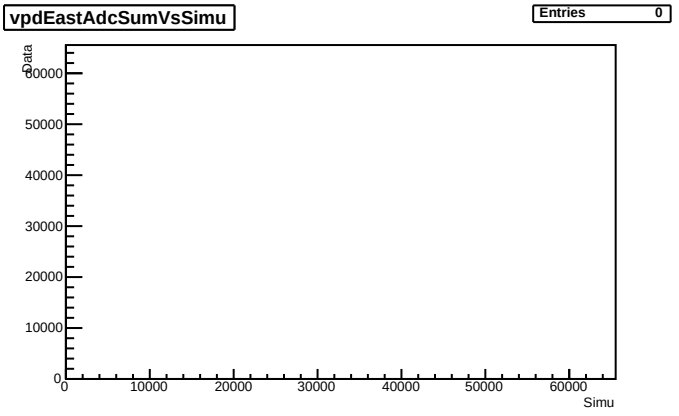
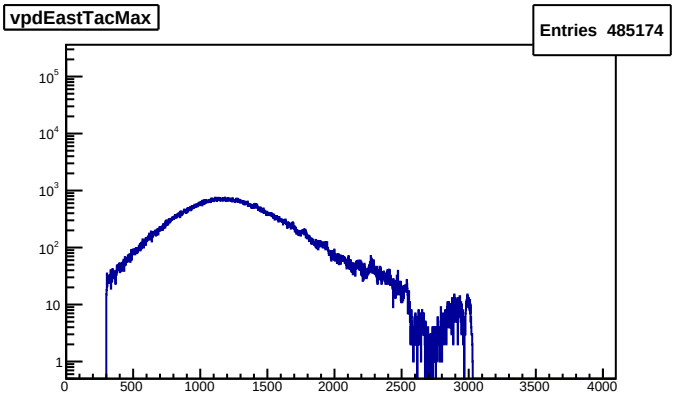
Entries 0
Data
Simu


vpdEastAdcSum
Entries 485174


vpdEastAdcSumVsSimu
Entries 0
Data
Simu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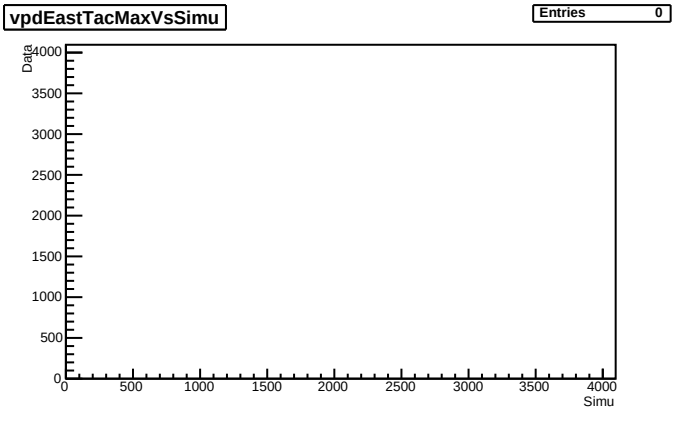
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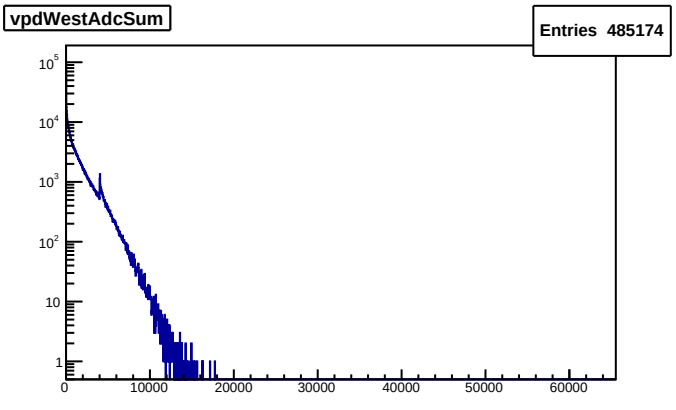
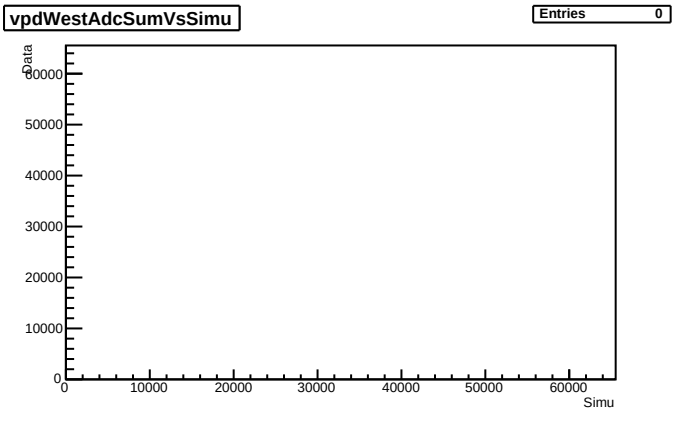
Entries 0
Data
Simu


vpdWestAdcSum
Entries 485174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Entries 0
Data
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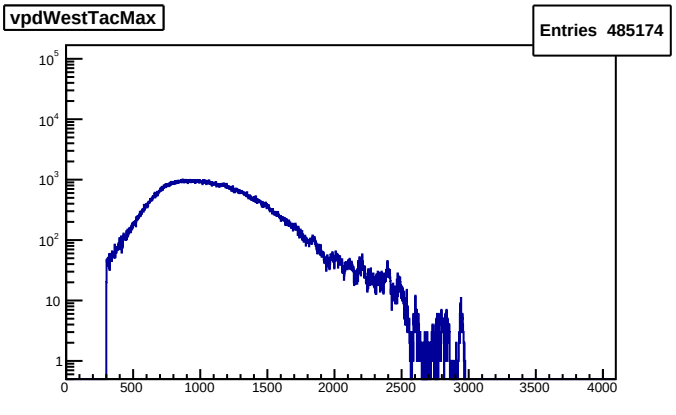
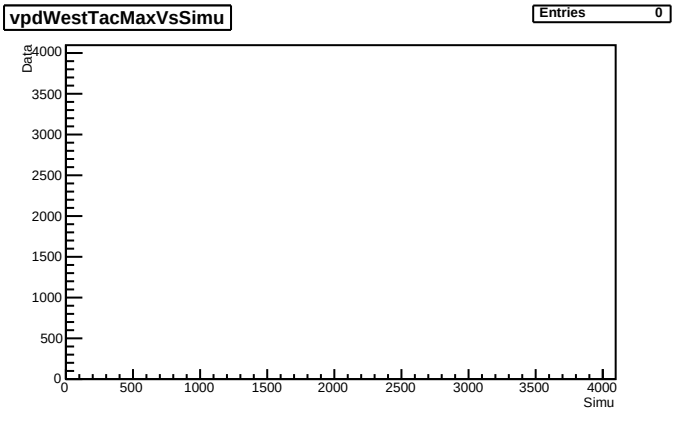
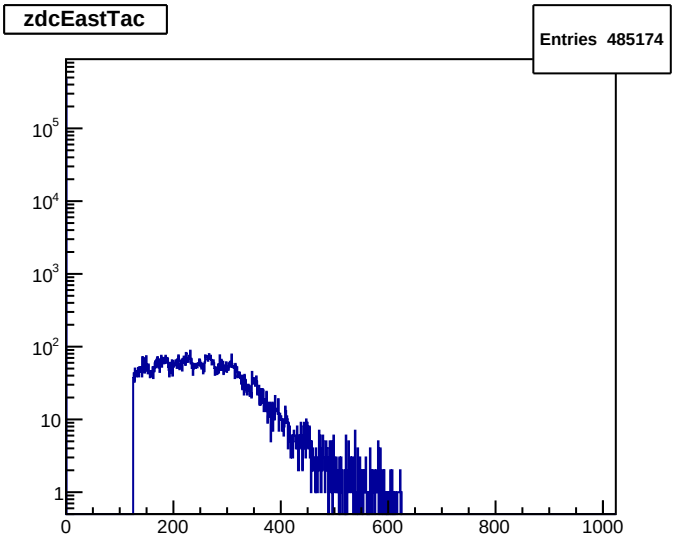
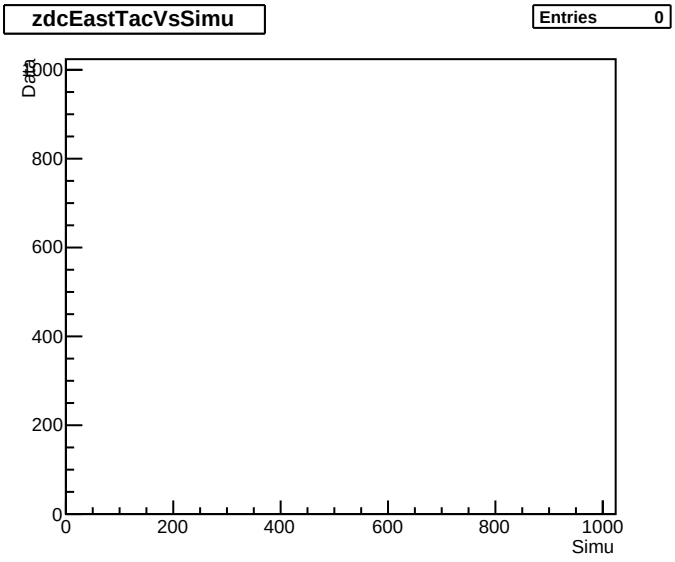
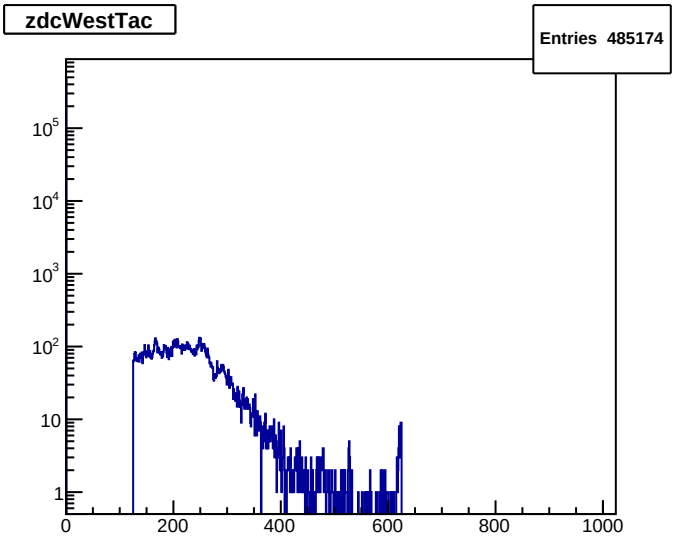
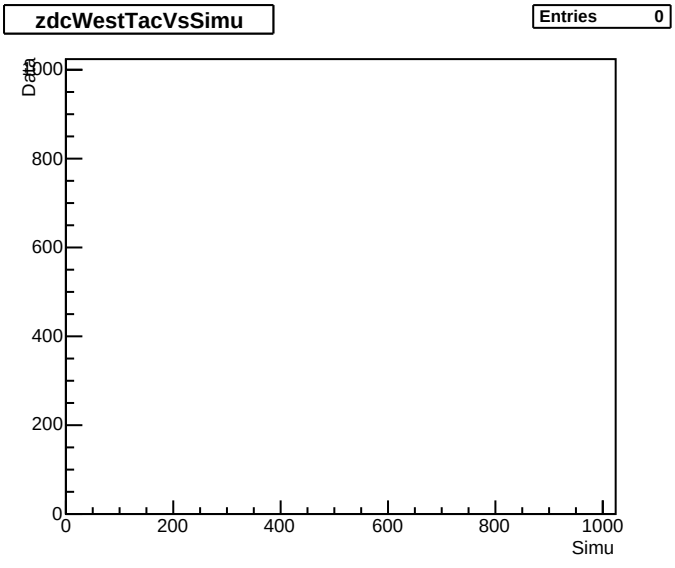

vpdWestTacMax
Entries 485174

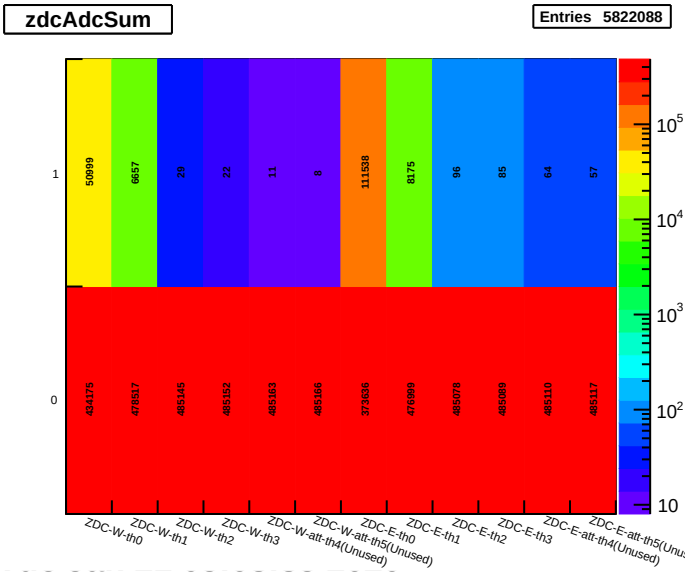

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 485174
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 485174
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 5822088
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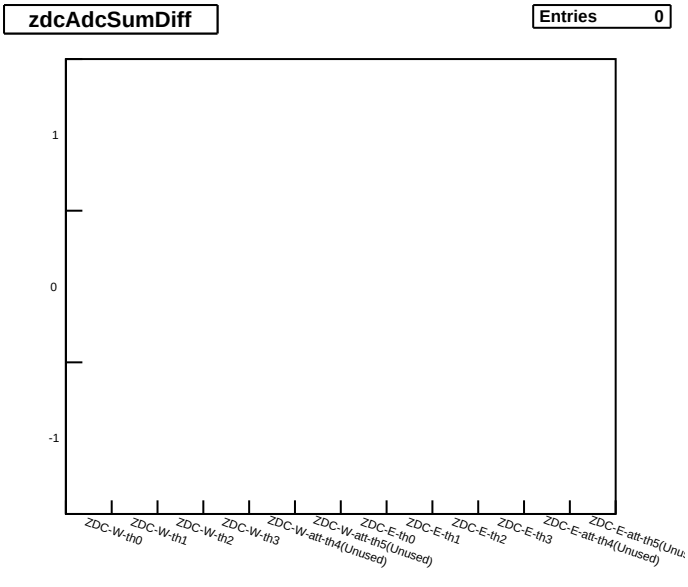
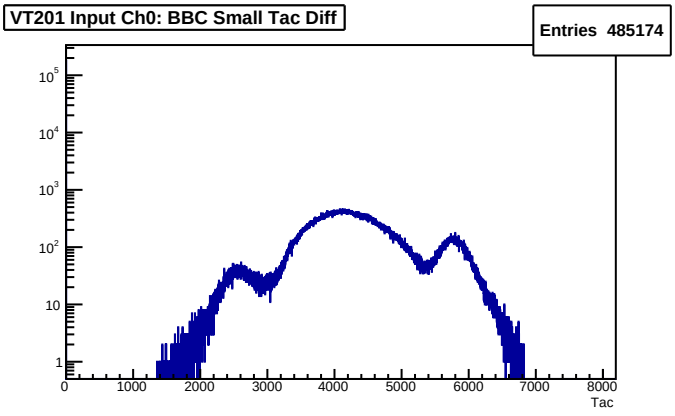
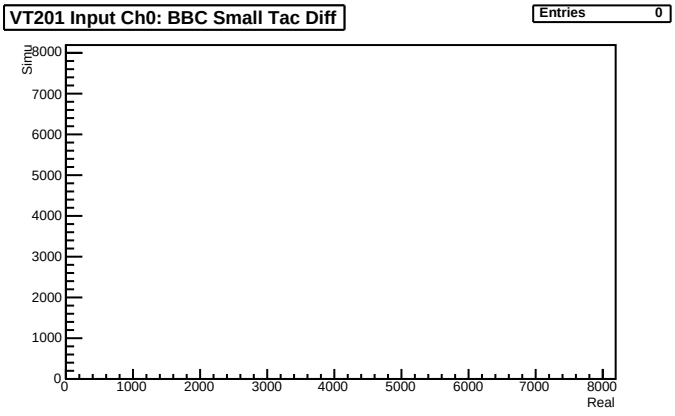
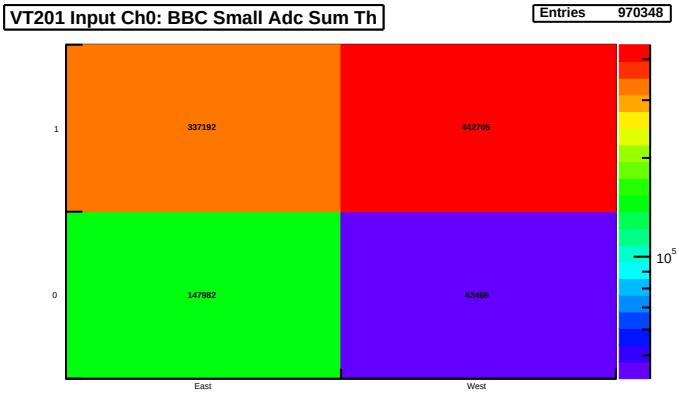
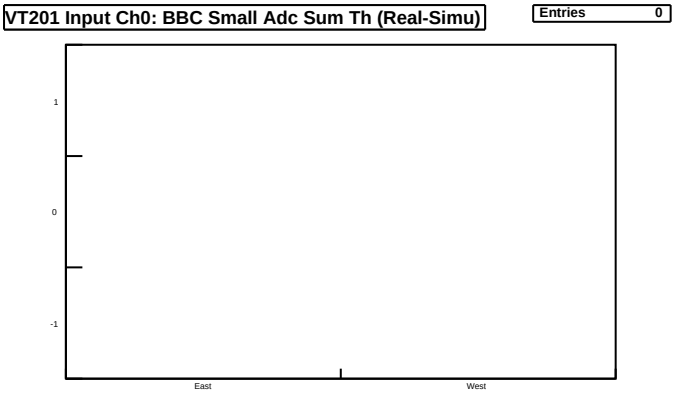
0
50999
6657
29
22
11
8
111538
8175
96
85
64
57
434175
478517
485145
485152
485163
485166
373636
476999
485078
485089
485110
485117
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

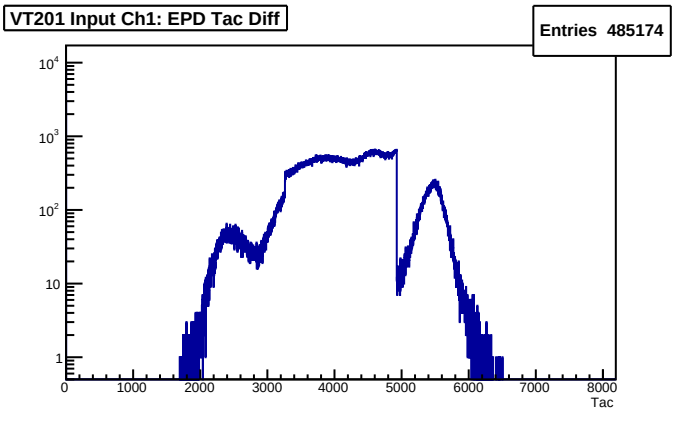

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

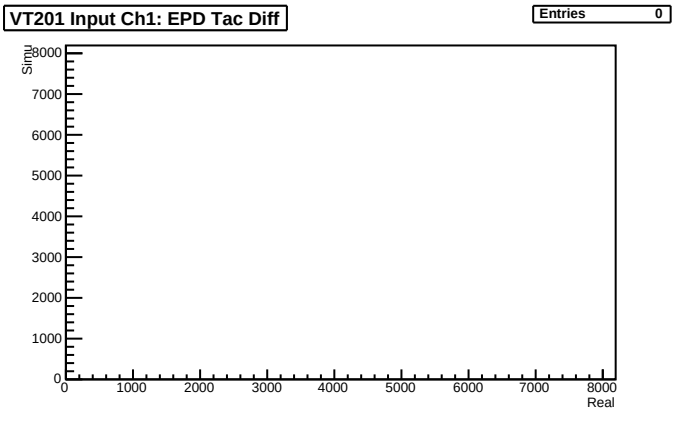

VT201 Input Ch0: BBC Small Tac Diff
Entries 485174
Tac

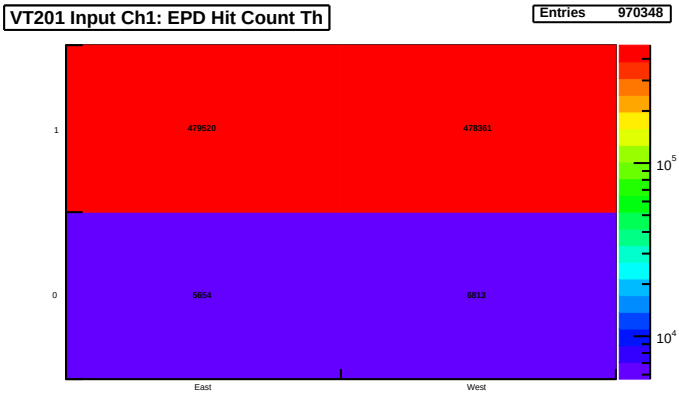

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

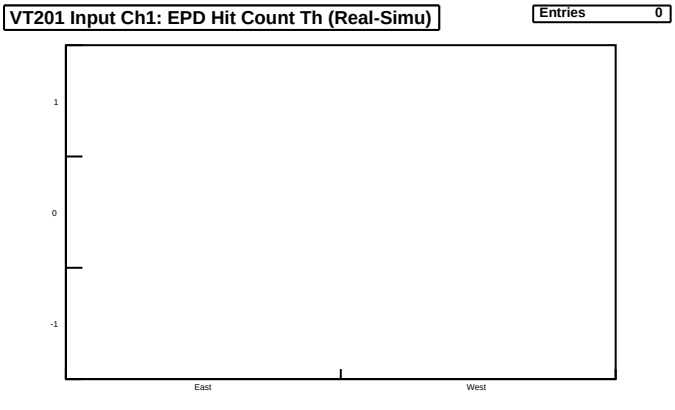

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 970348
337192
442705
147982
42469
East
West

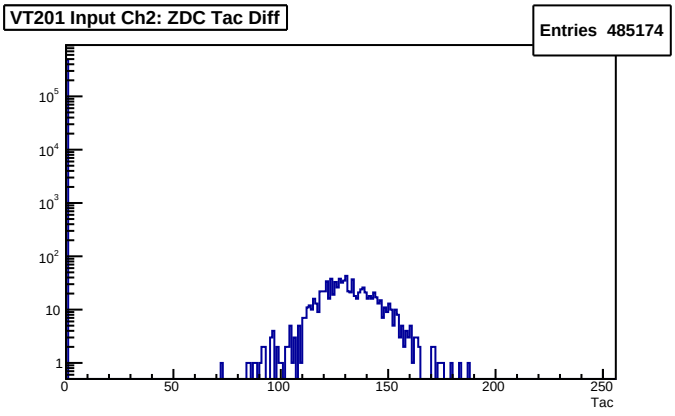

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

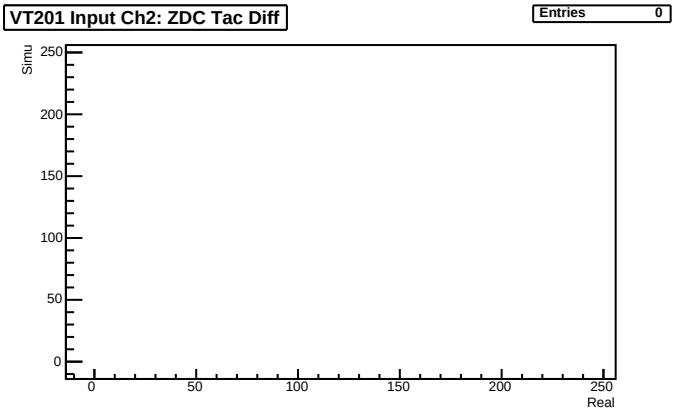

VT201 Input Ch1: EPD Tac Diff
Entries 485174
Tac

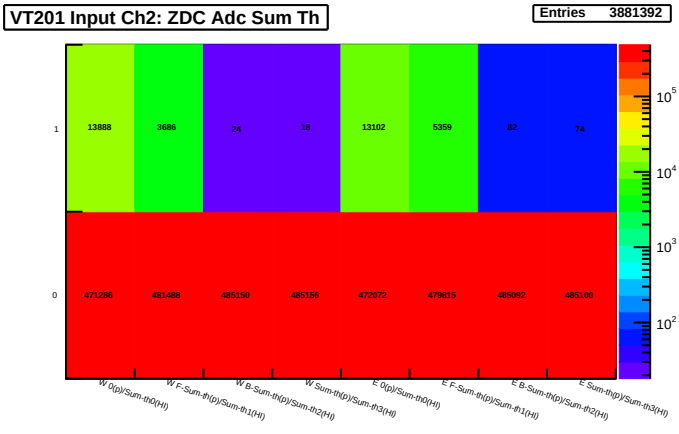

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

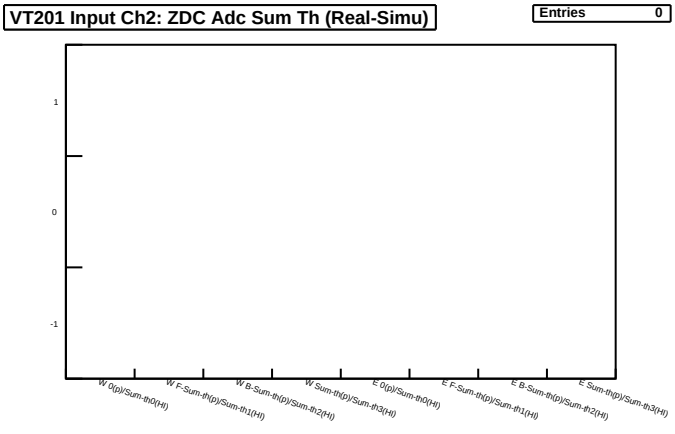

VT201 Input Ch1: EPD Hit Count Th
Entries 970348
479520
478361
5654
6813
East
West

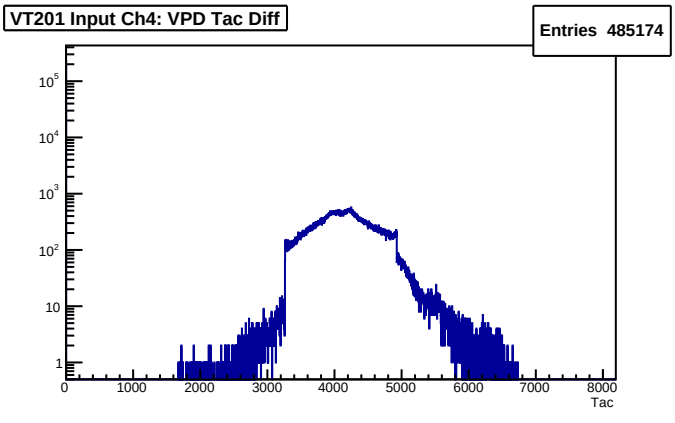

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

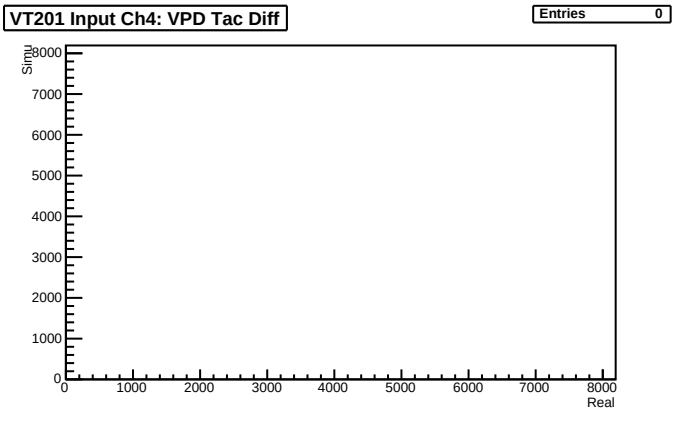

VT201 Input Ch2: ZDC Tac Diff
Entries 485174
Tac

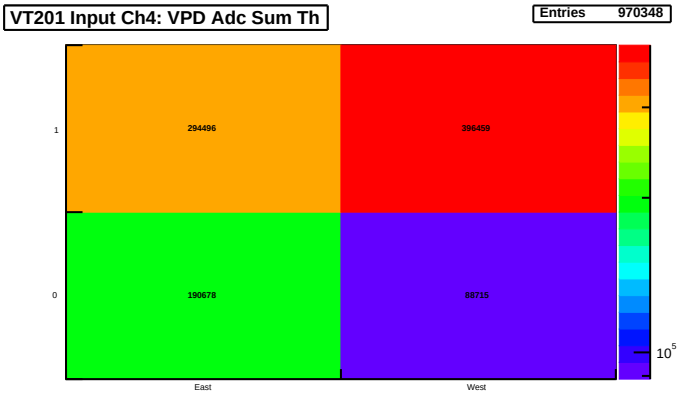

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

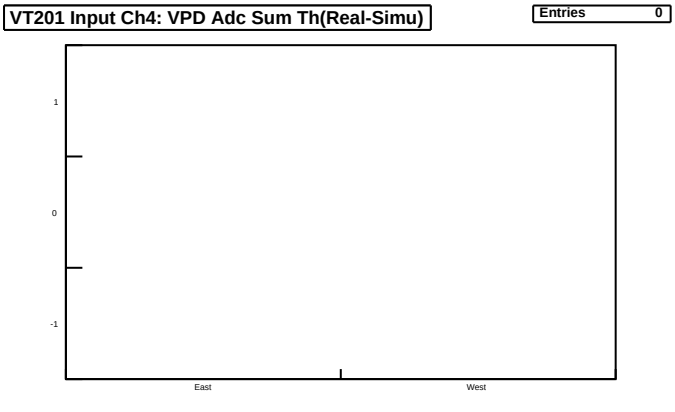

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3881392
13888
3686
24
18
13102
5359
82
74
471286
481488
485150
485156
472072
479815
485092
485100
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

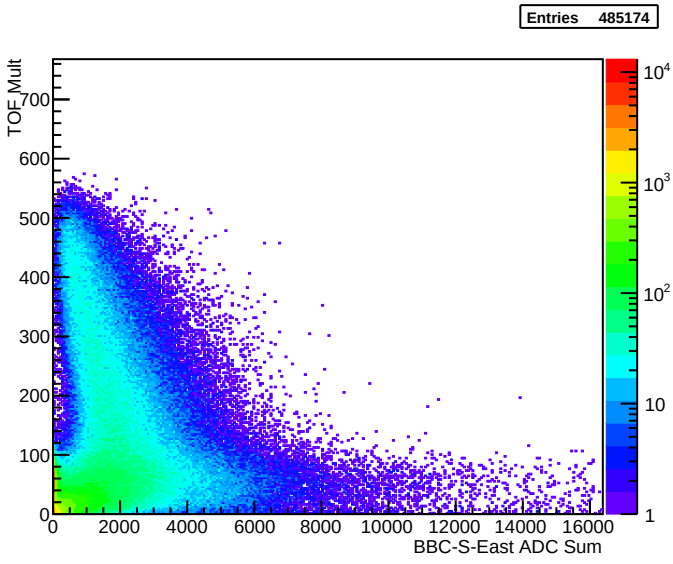

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

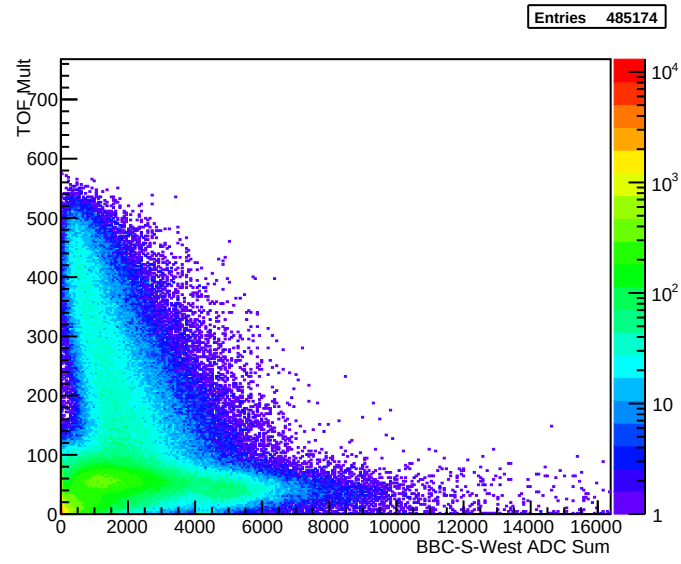

VT201 Input Ch4: VPD Tac Diff
Entries 485174
Tac

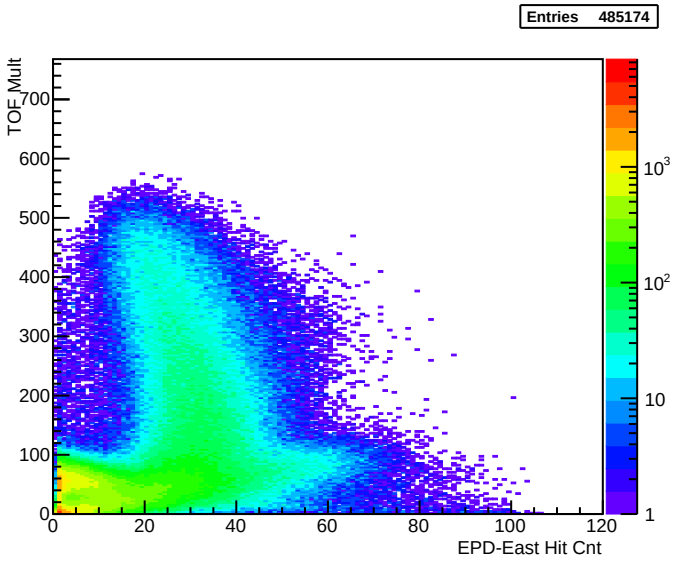

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

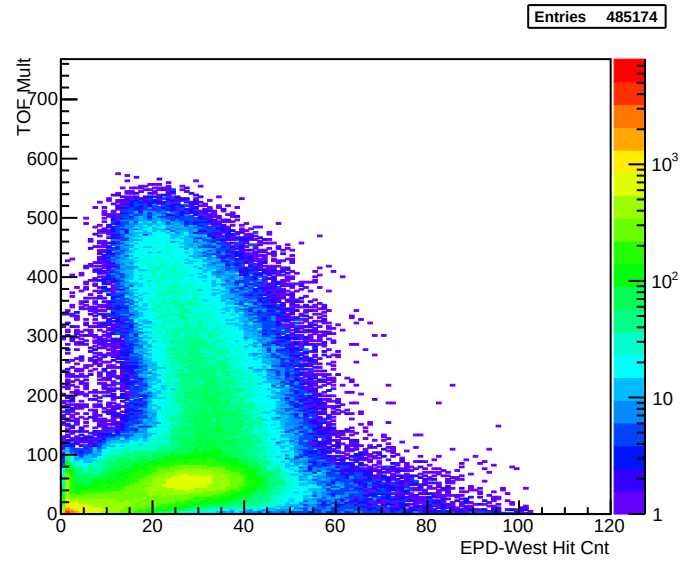

VT201 Input Ch4: VPD Adc Sum Th
Entries 970348
294496
396459
190678
88715
East
West

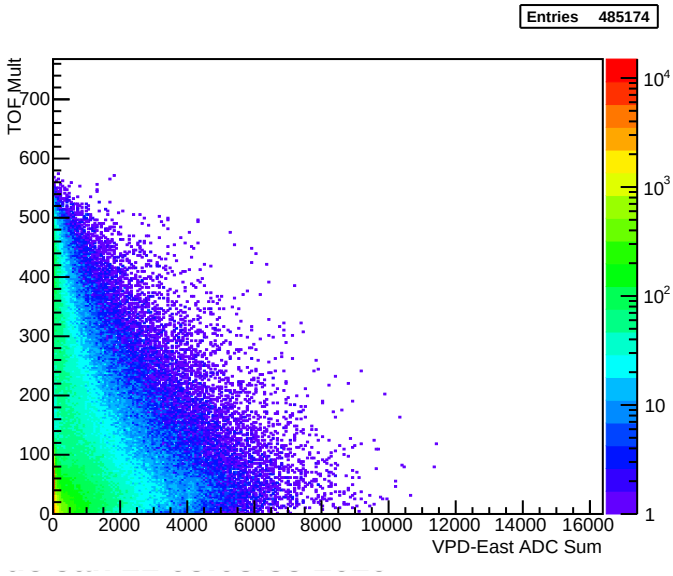

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

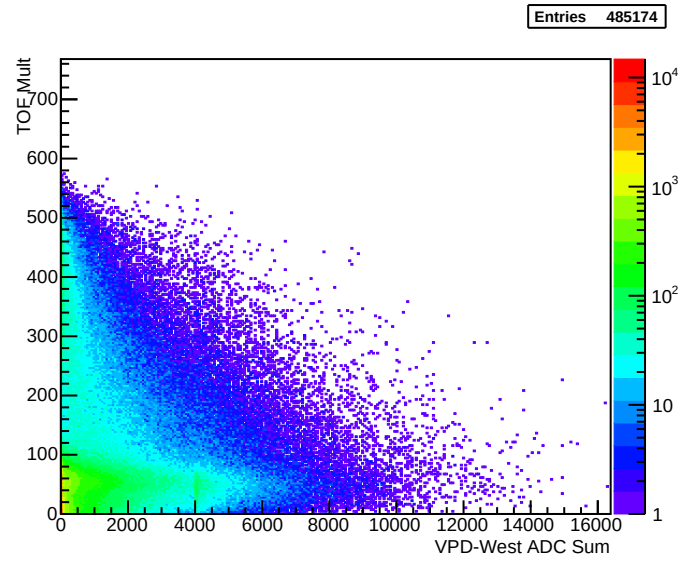

Entries 485174
TOF_Mult
BBC-S-East ADC Sum

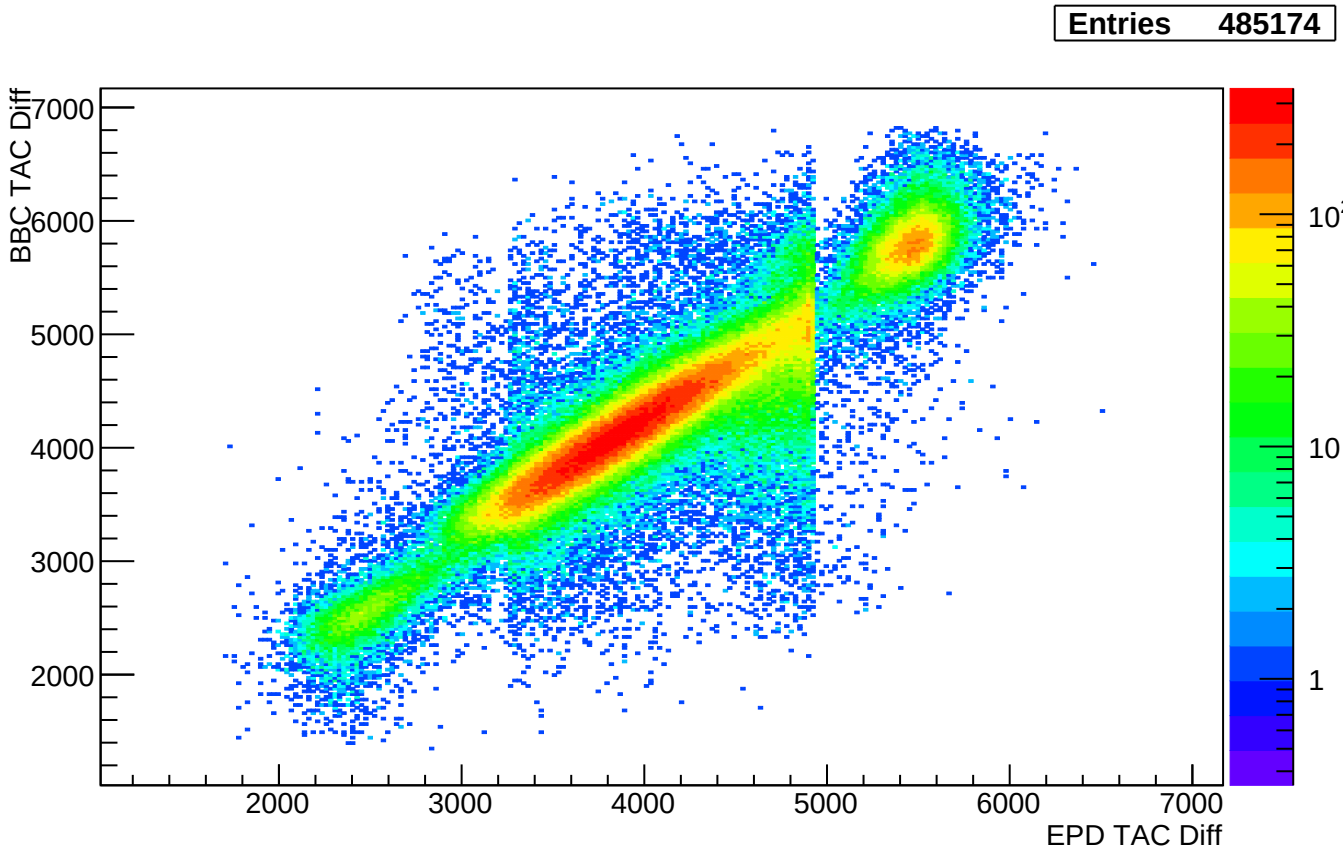

Entries 485174
TOF_Mult
BBC-S-West ADC Sum

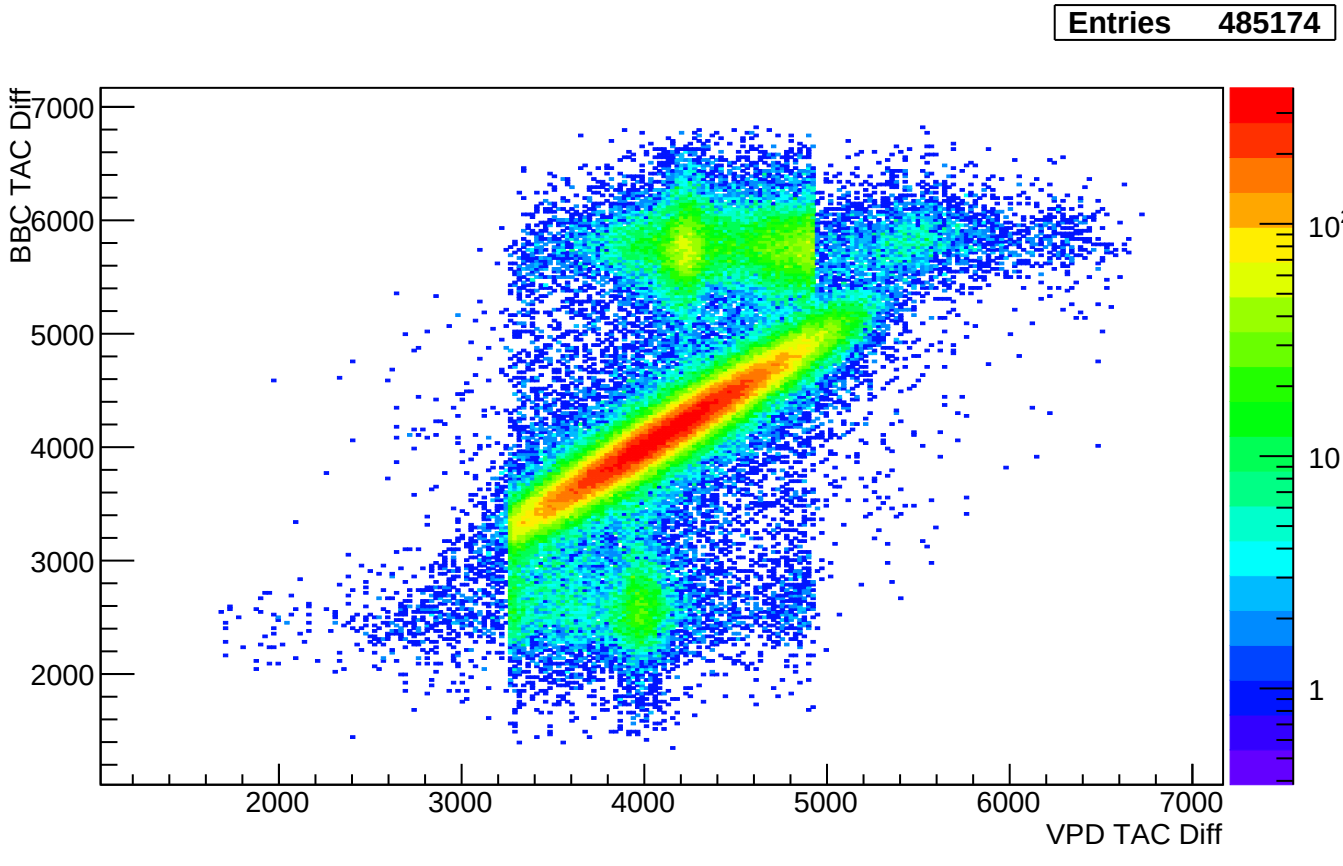

Entries 485174
TOF_Mult
EPD-East Hit Cnt

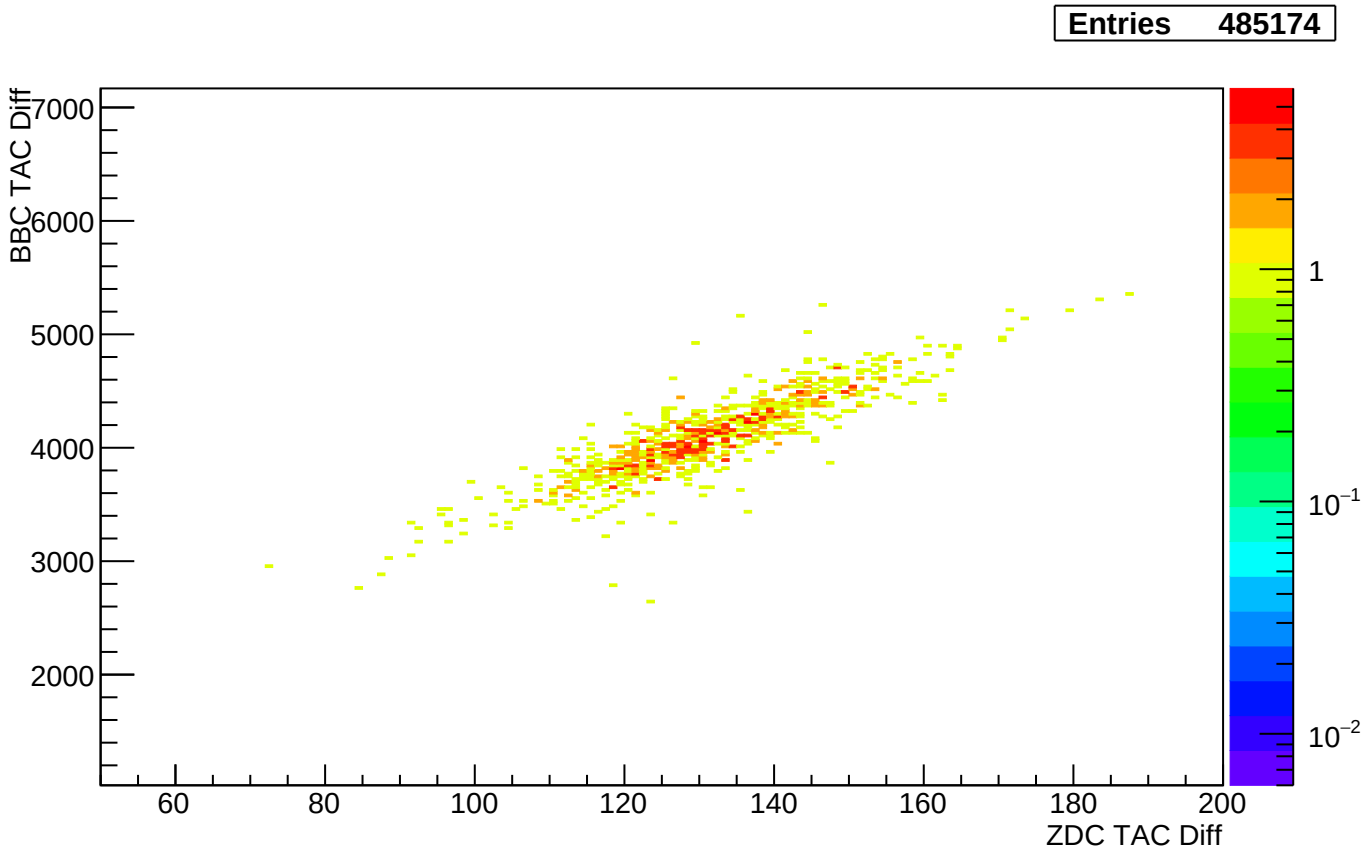

Entries 485174
TOF_Mult
EPD-West Hit Cnt

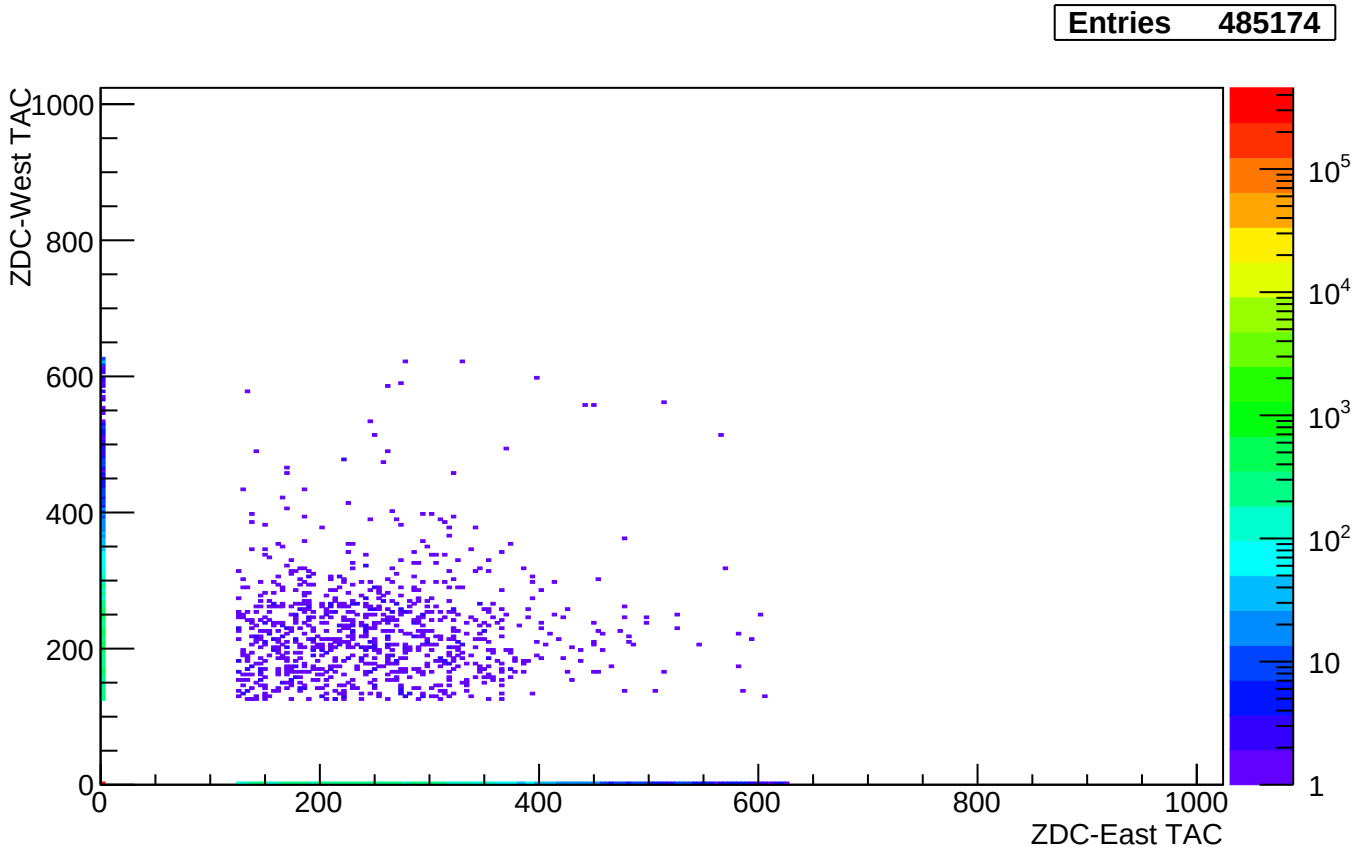

Entries 485174
TOF_Mult
VPD-East ADC Sum

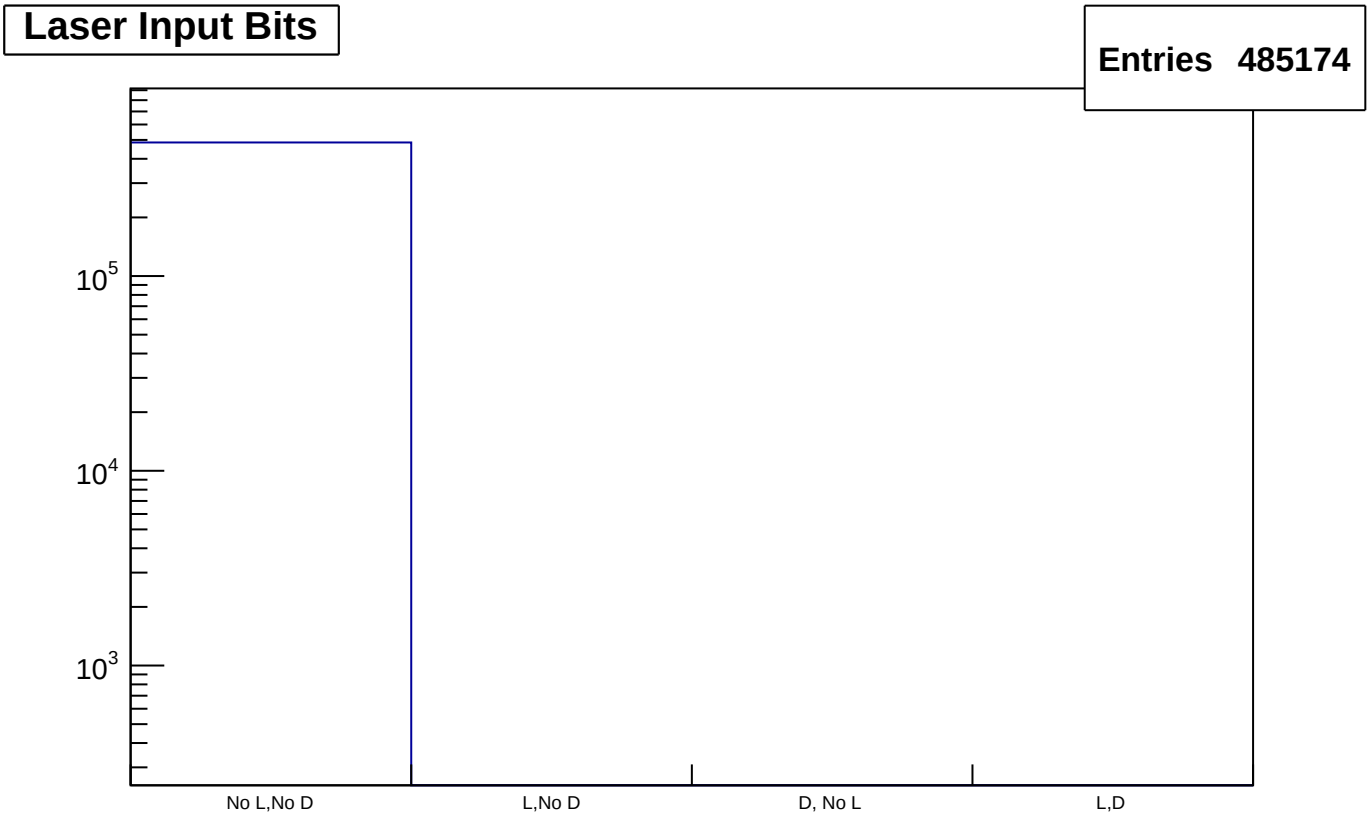

Entries 485174
TOF_Mult
VPD-West ADC Sum

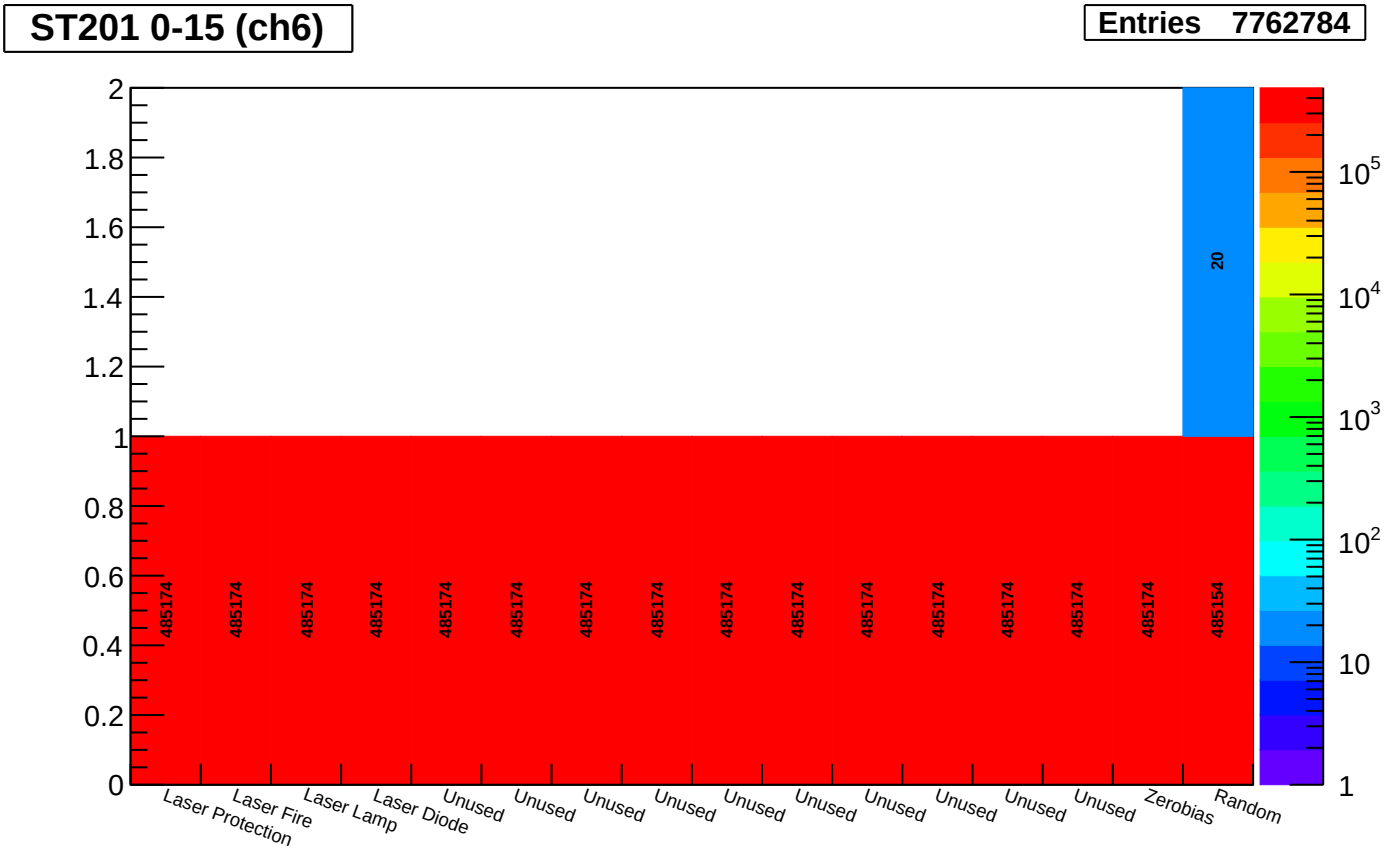

Entries 485174
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

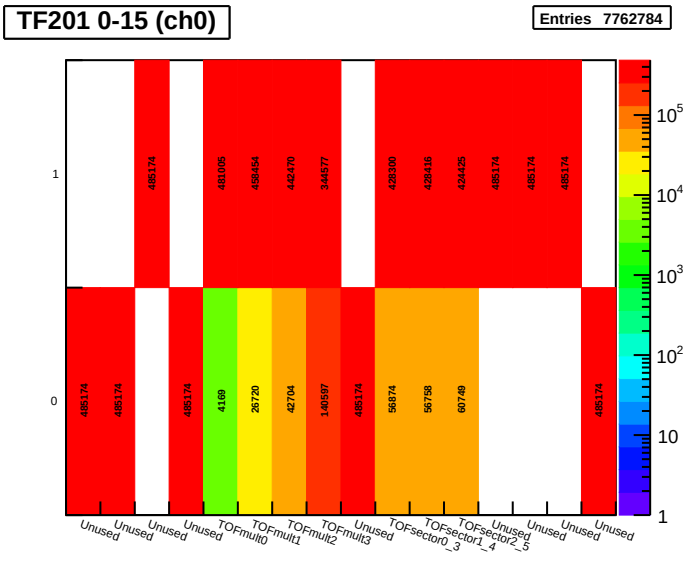

Entries 485174
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

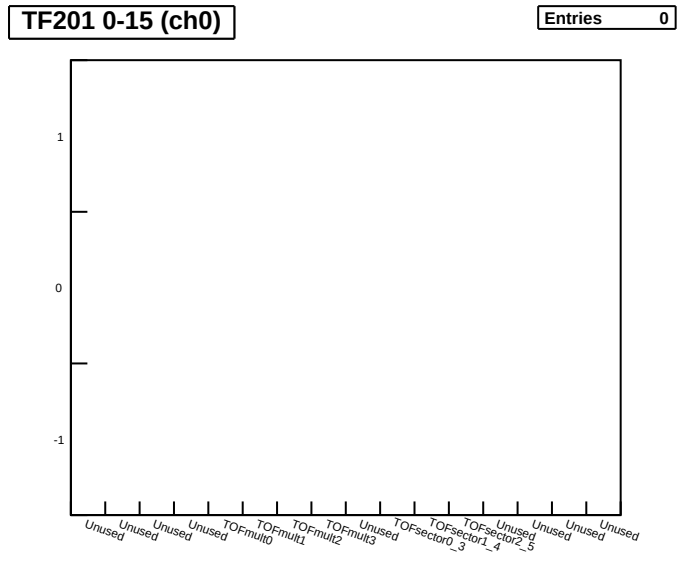

Entries 485174
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

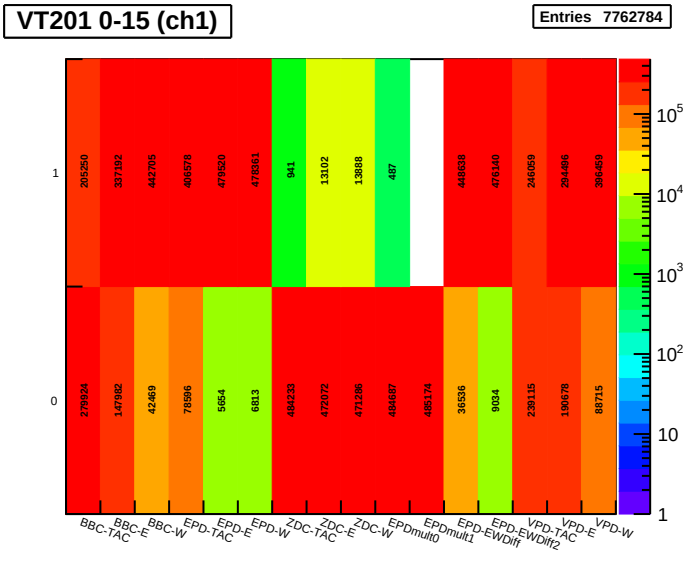

Entries 485174
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

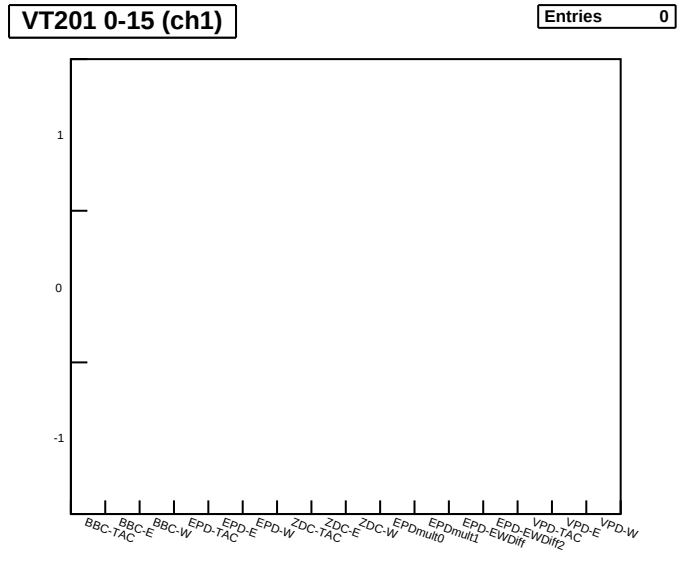

Laser Input Bits
Entries 485174
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

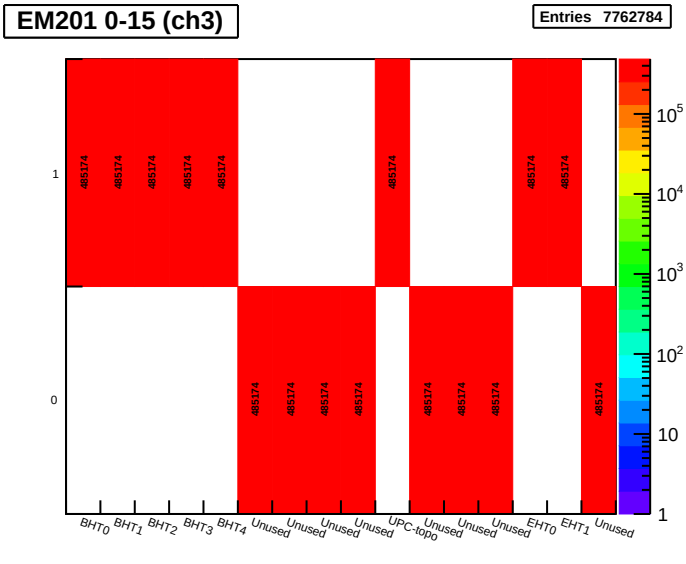

ST201 0-15 (ch6)
Entries 7762784
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
20
485174
485154
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

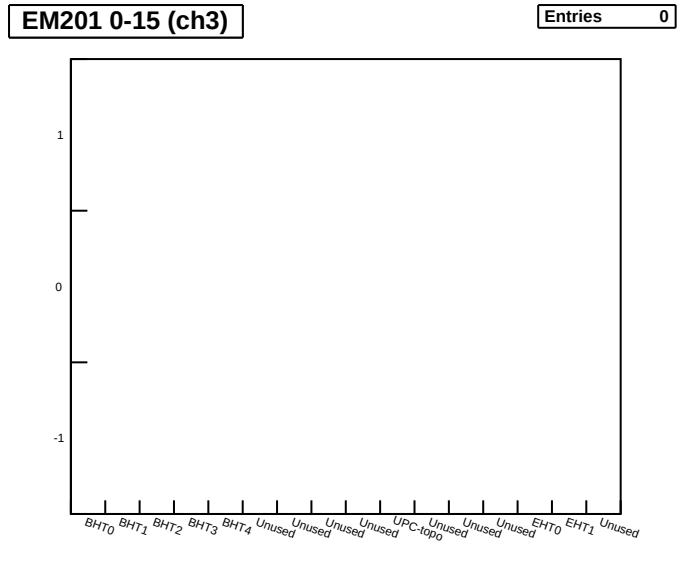

TF201 0-15 (ch0)
Entries 7762784
1
0
485174
431005
438454
442470
344577
428300
428416
424425
485174
485174
485174
485174
485174
485174
485174
485174
4189
26720
42704
140597
485174
56874
56758
60749
485174
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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


VT201 0-15 (ch1)
Entries 7762784
1
0
205250
337192
442705
406578
479520
478361
941
13102
13888
487
448638
476140
246059
294486
396469
279924
147982
42469
78596
5664
6813
484233
472072
471286
484687
485174
36536
9034
238115
190678
88715
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 7762784
1
0
485174
485174
485174
485174
485174
485174
485174
485174
485174
485174
485174
485174
485174
485174
485174
485174
485174
485174
485174
485174
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