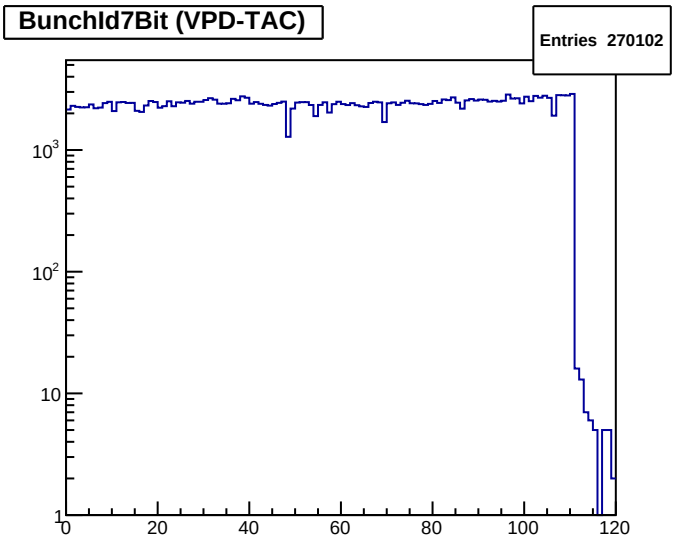
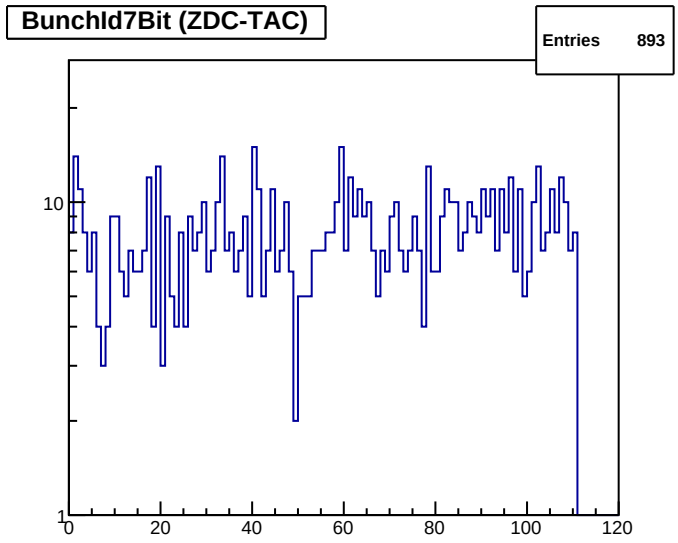
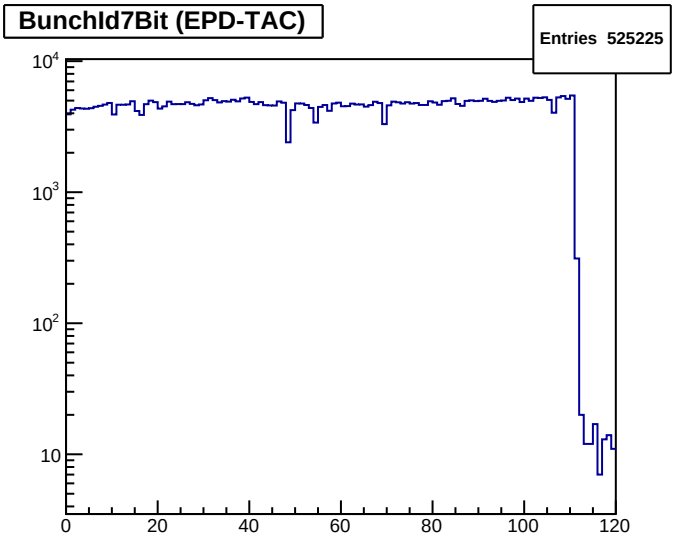
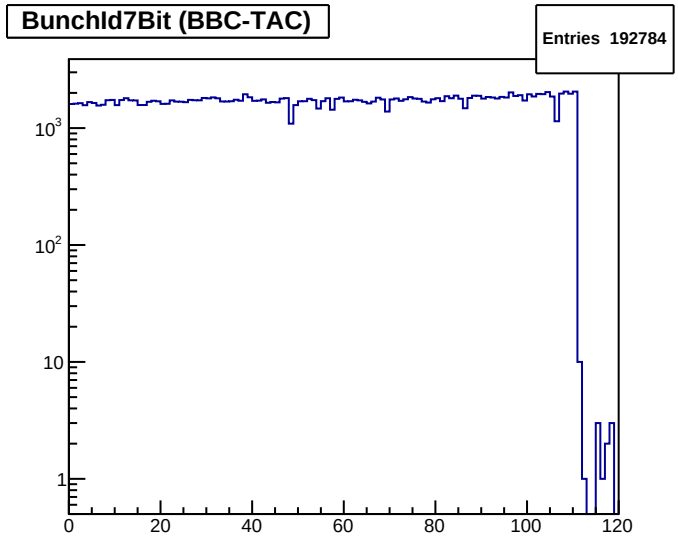
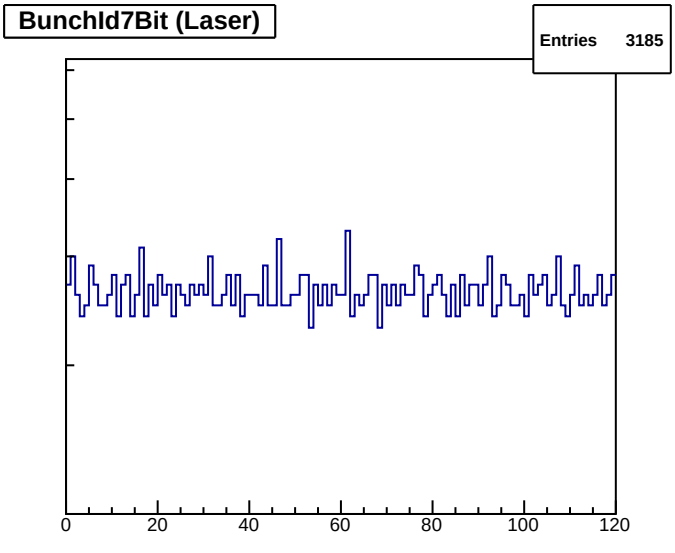
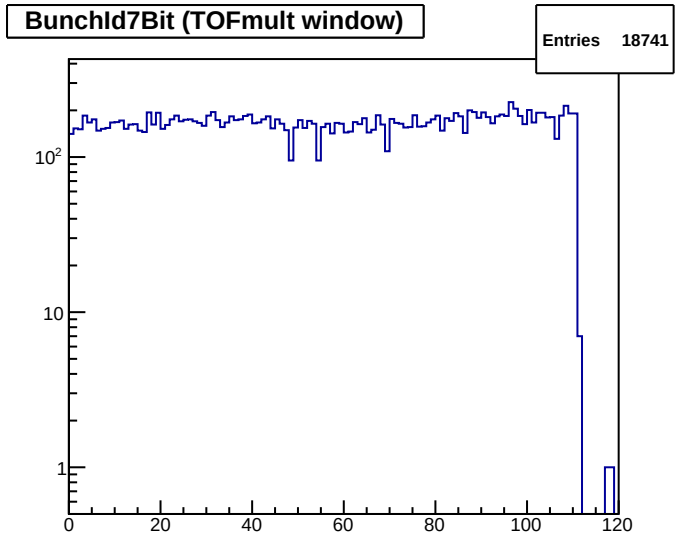

BunchId7Bit (VPD-TAC)
Entries 270102

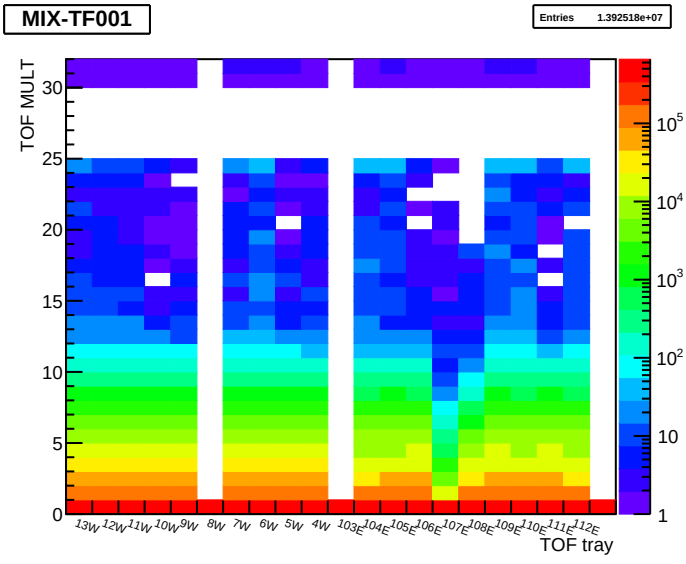

BunchId7Bit (ZDC-TAC)
Entries 893

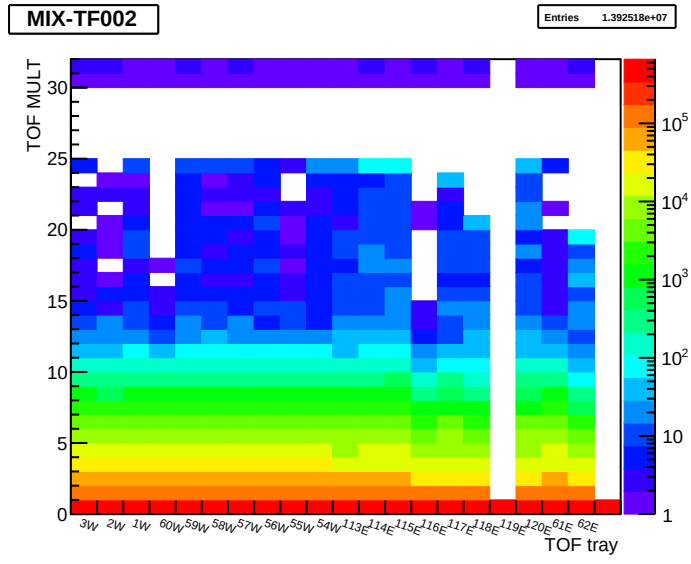

BunchId7Bit (EPD-TAC)
Entries 525225

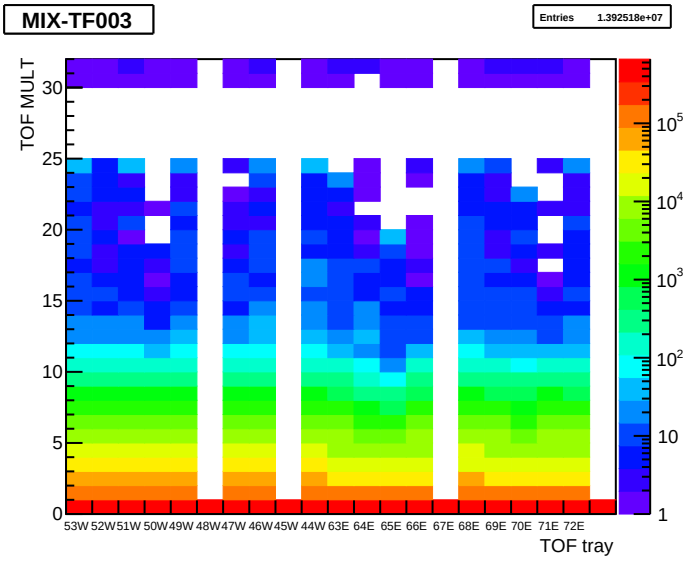

BunchId7Bit (BBC-TAC)
Entries 192784

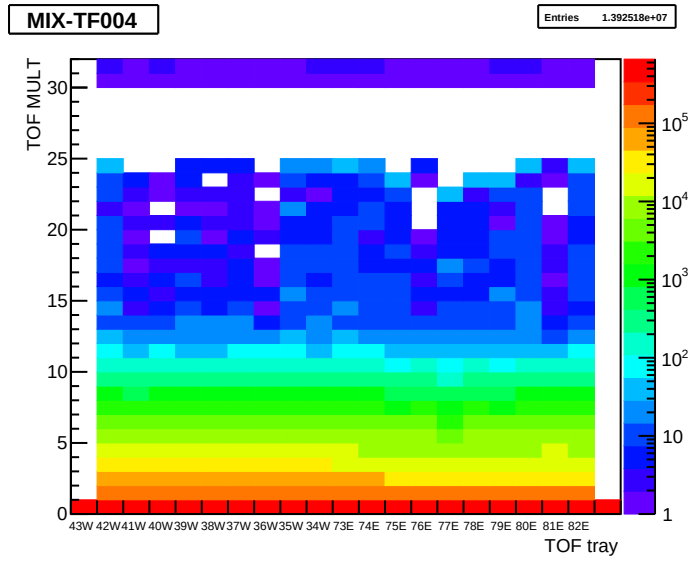

BunchId7Bit (Laser)
Entries 3185

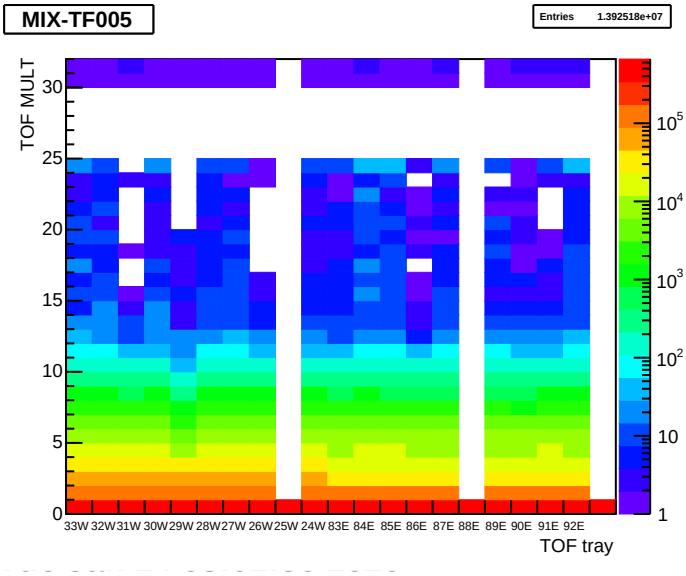

BunchId7Bit (TOFmult window)
Entries 18741

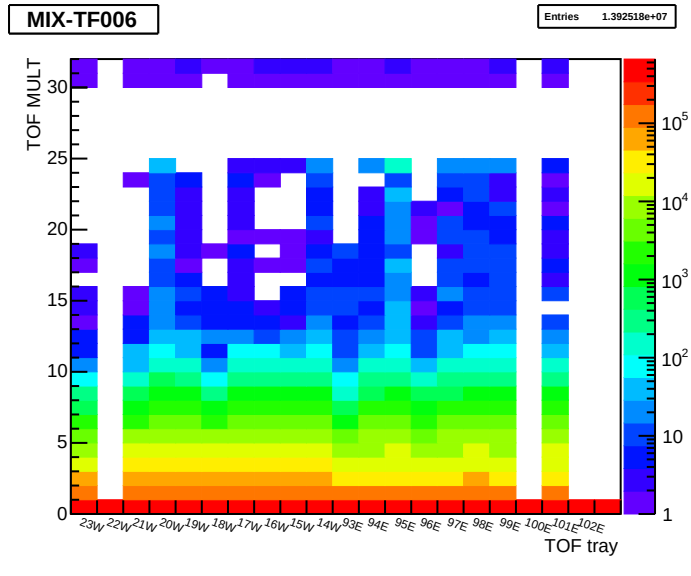

MIX-TF001
Entries 1.392518e+07
TOF MULT
TOF tray

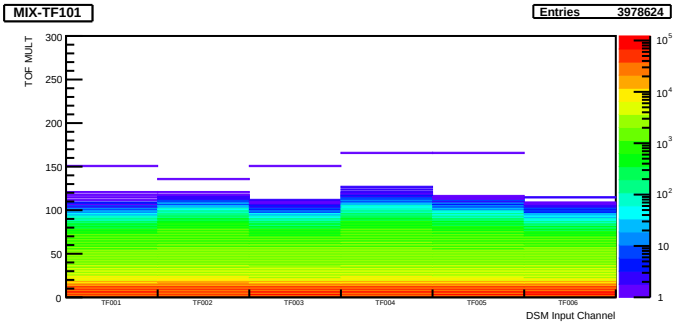

MIX-TF002
Entries 1.392518e+07
TOF MULT
TOF tray

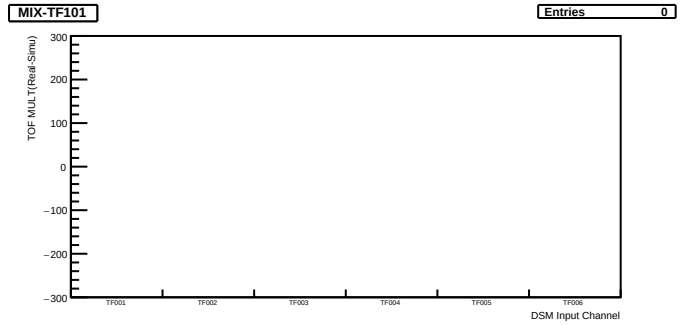

MIX-TF003
Entries 1.392518e+07
TOF MULT
TOF tray

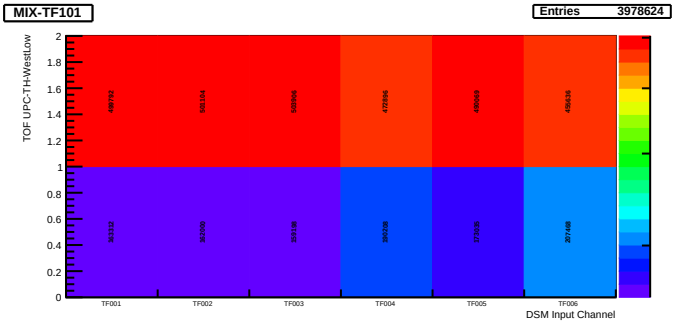

MIX-TF004
Entries 1.392518e+07
TOF MULT
TOF tray

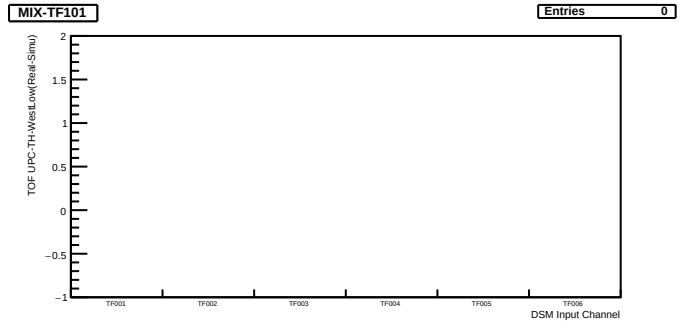

MIX-TF005
Entries 1.392518e+07
TOF MULT
TOF tray

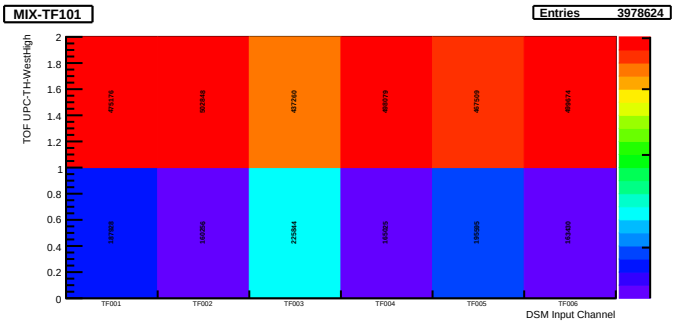

MIX-TF006
Entries 1.392518e+07
TOF MULT
TOF tray

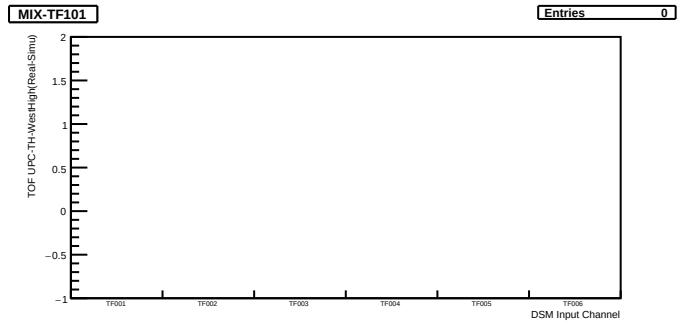

MIX-TF101
Entries 3978624
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

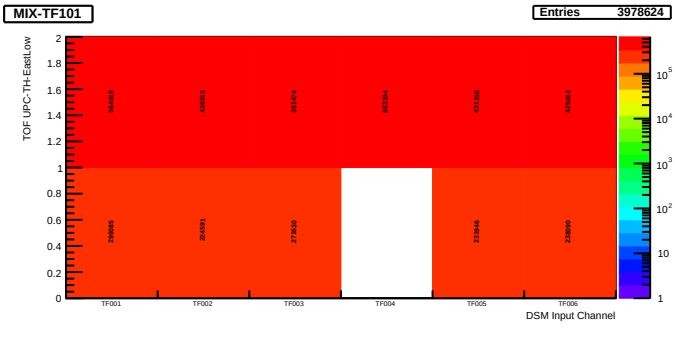

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

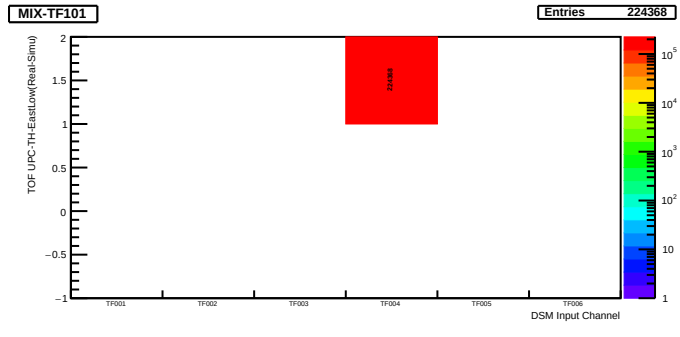

MIX-TF101
Entries 3978624
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

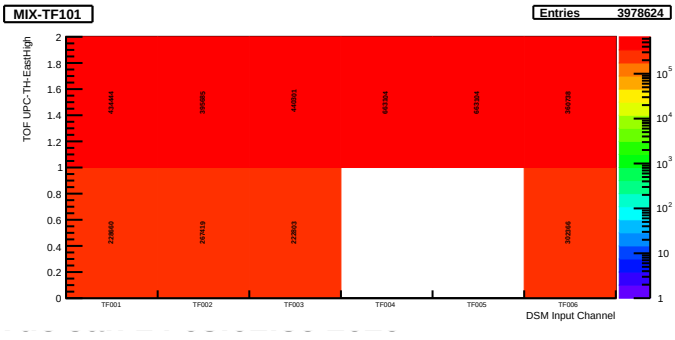

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

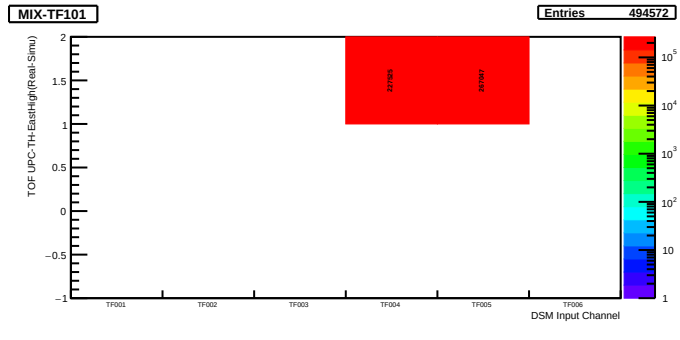

MIX-TF101
Entries 3978624
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

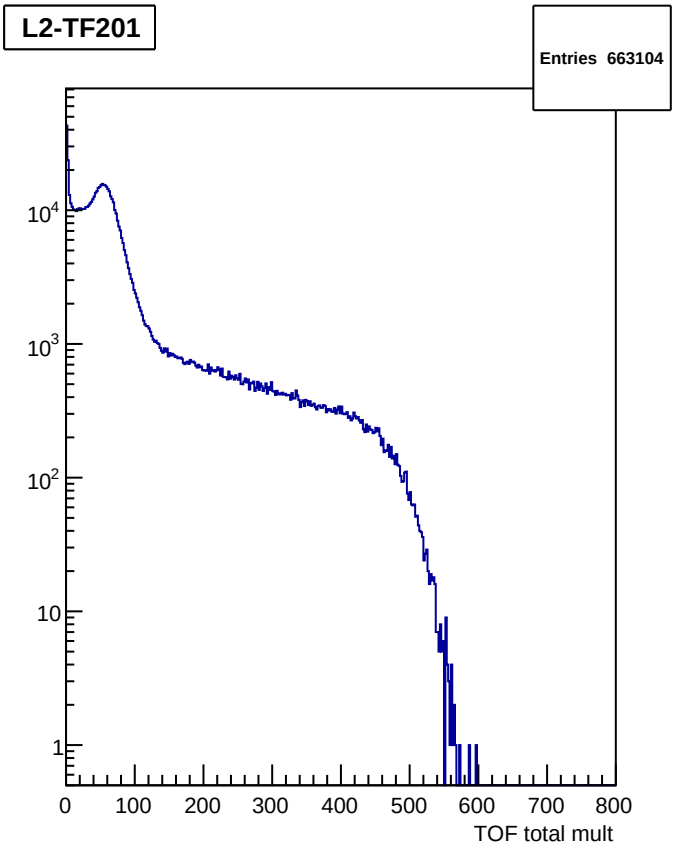

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

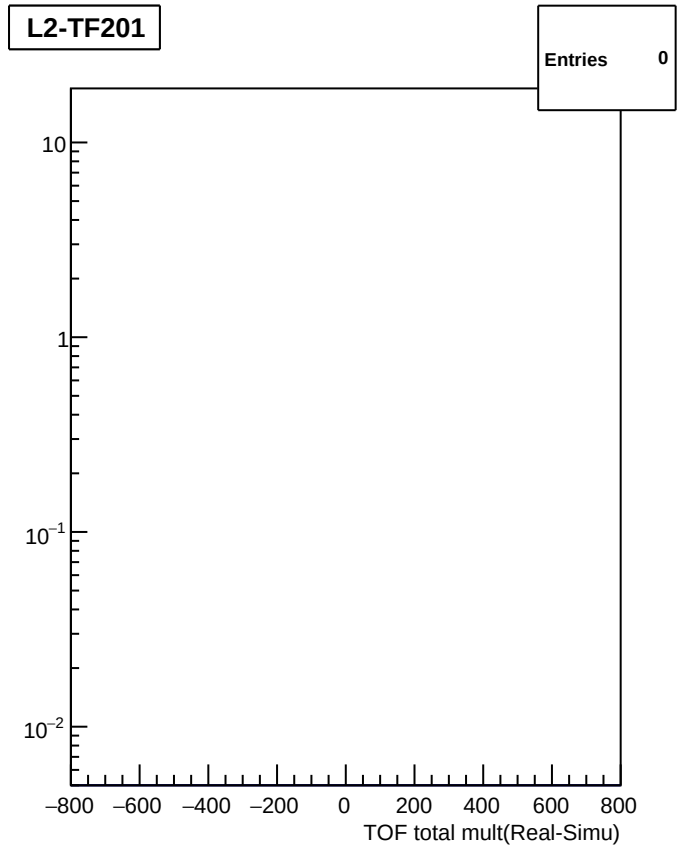

MIX-TF101
Entries 3978624
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

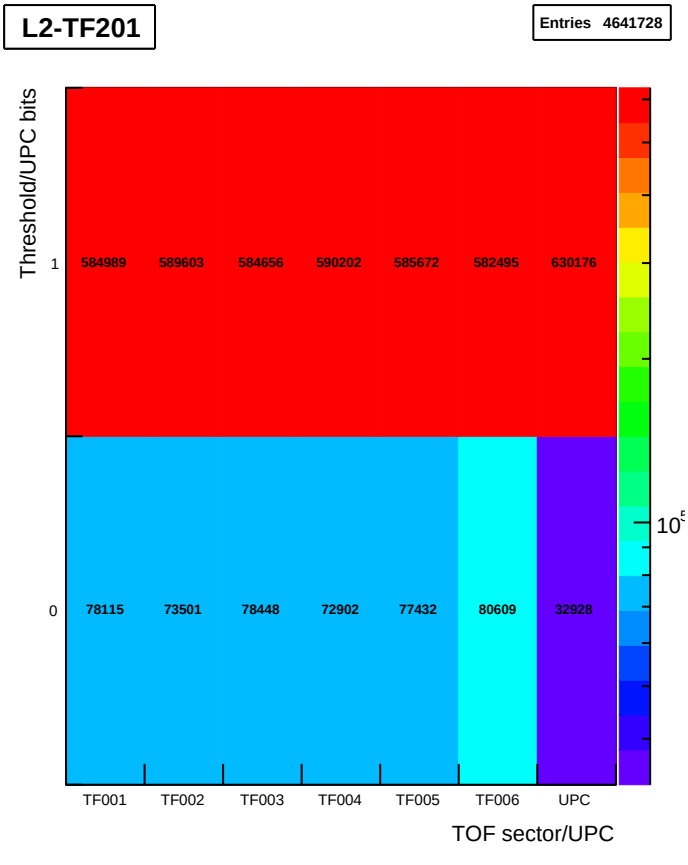

MIX-TF101
Entries 224368
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

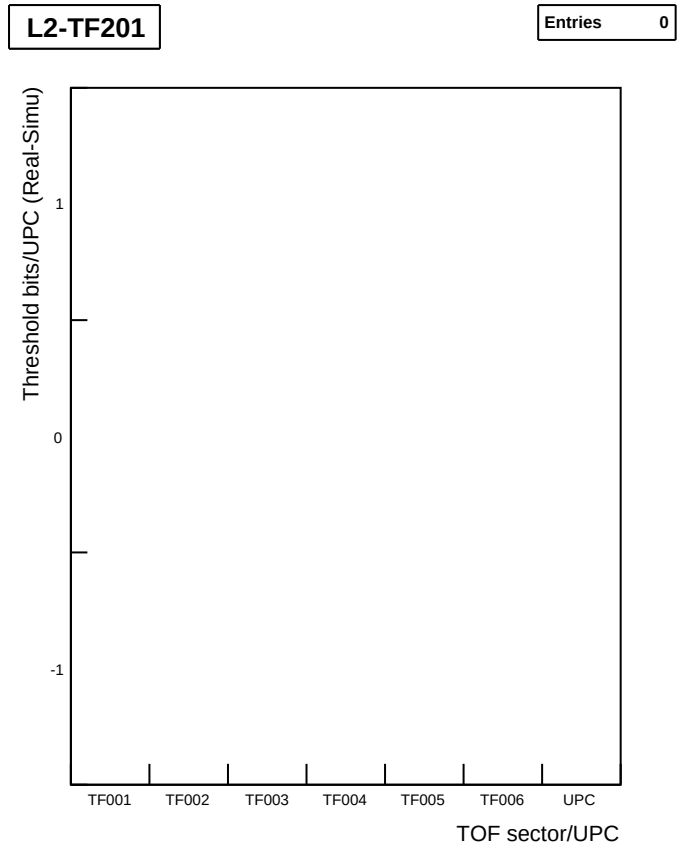

MIX-TF101
Entries 3978624
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

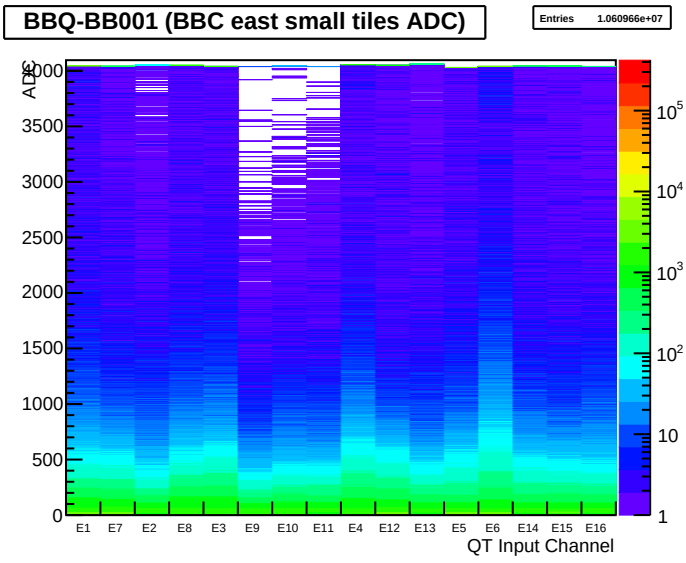

MIX-TF101
Entries 494572
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

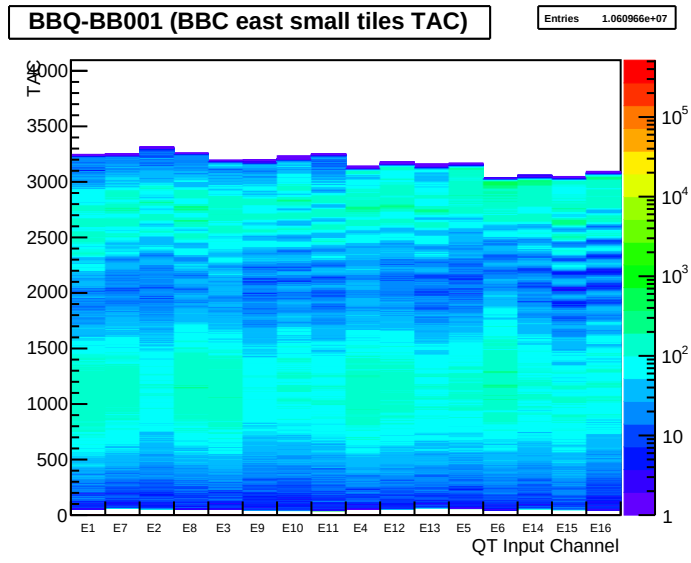

L2-TF201
Entries 663104
TOF total mult

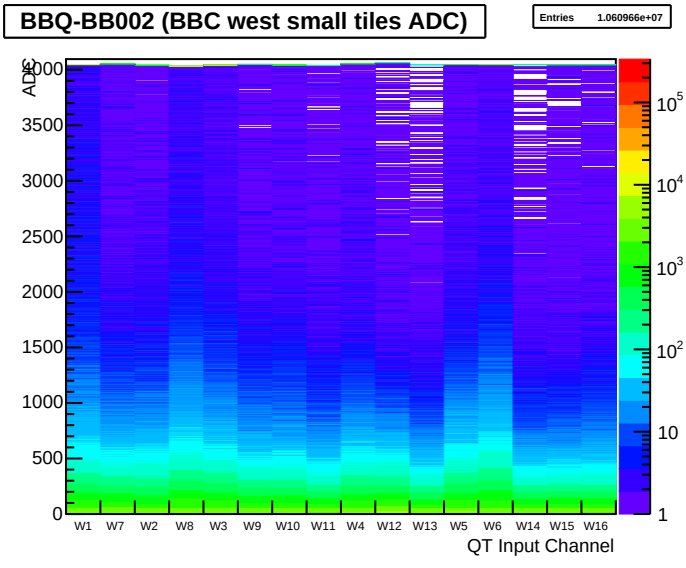

L2-TF201
Entries 0
TOF total mult(Real-Simu)

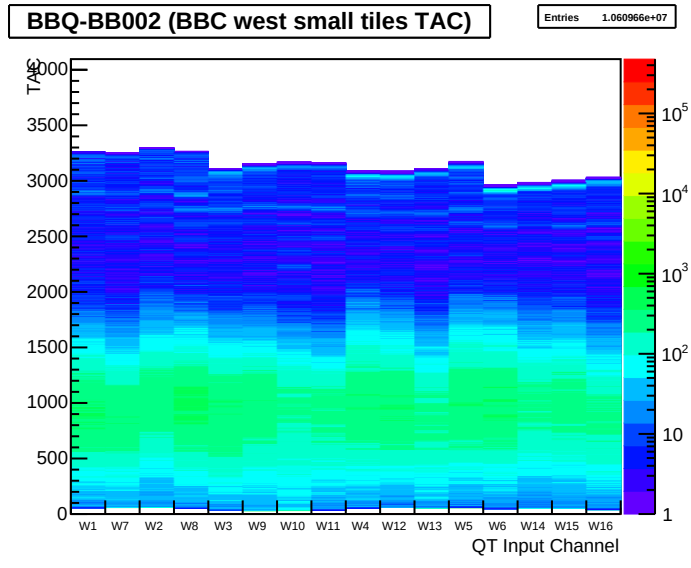

L2-TF201
Entries 4641728
Threshold/UPC bits
584989
589603
584656
590202
585672
582495
630176
78115
73501
78448
72902
77432
80609
32928
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

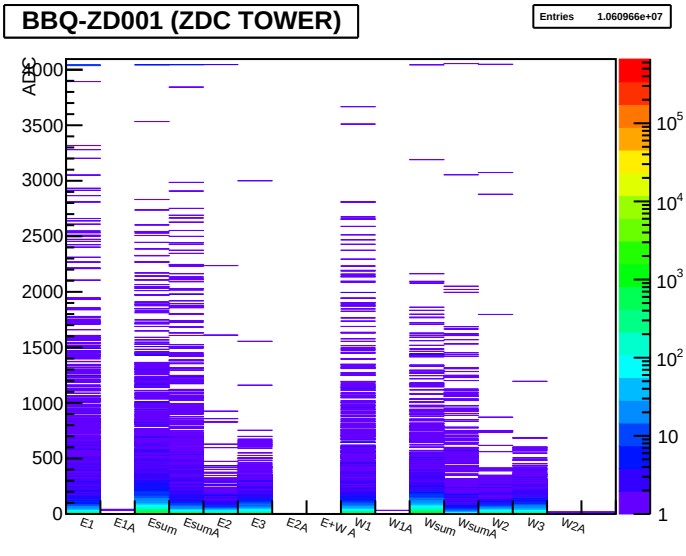

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

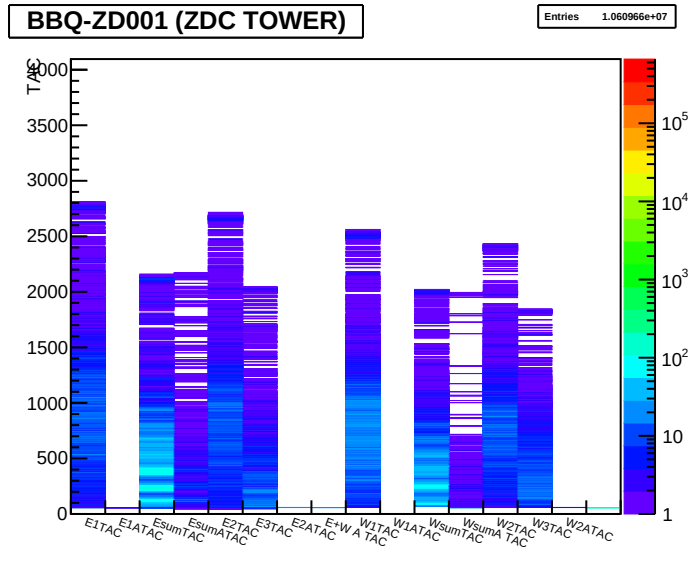

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.060966e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

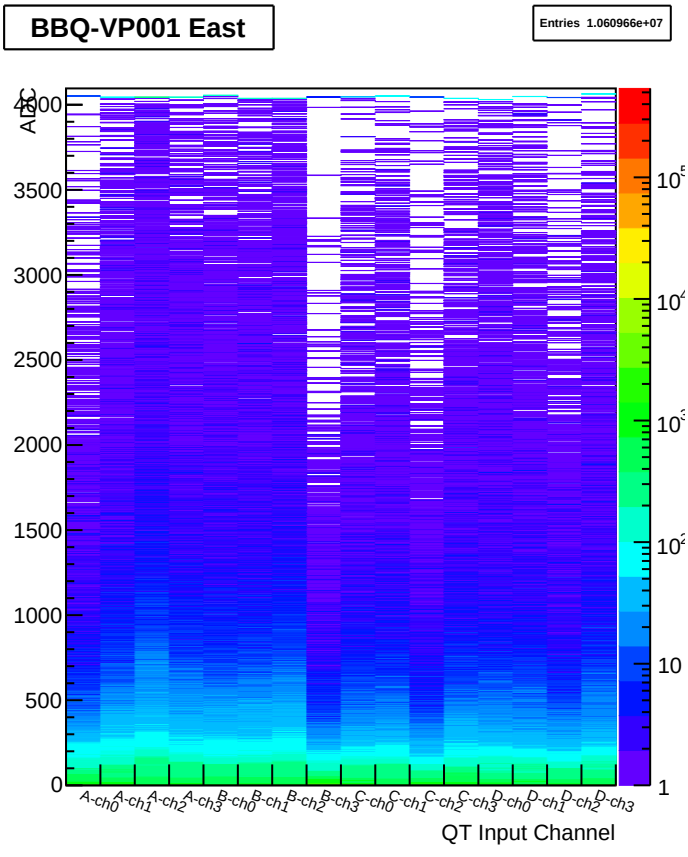

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.060966e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

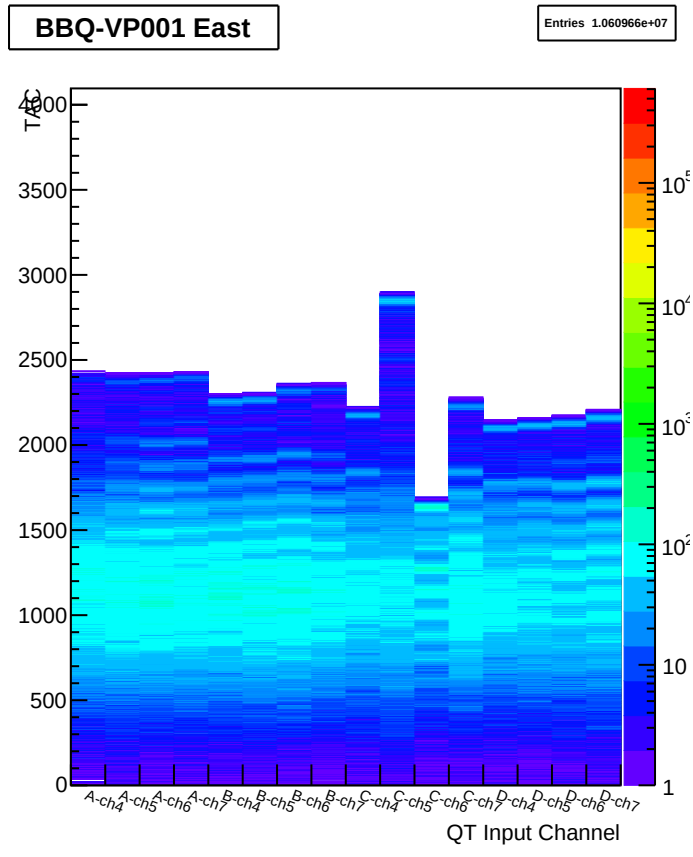

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.060966e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

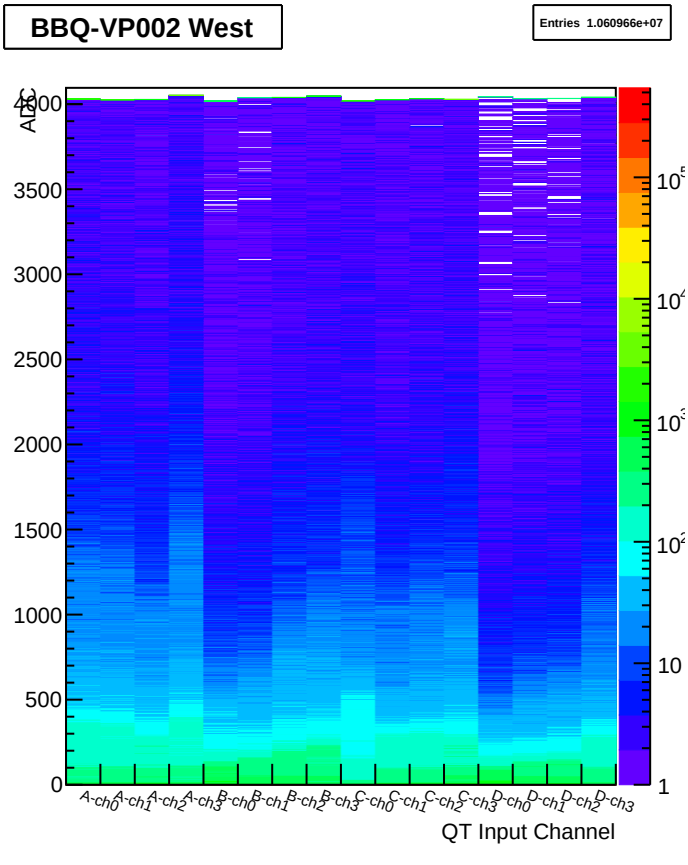

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.060966e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

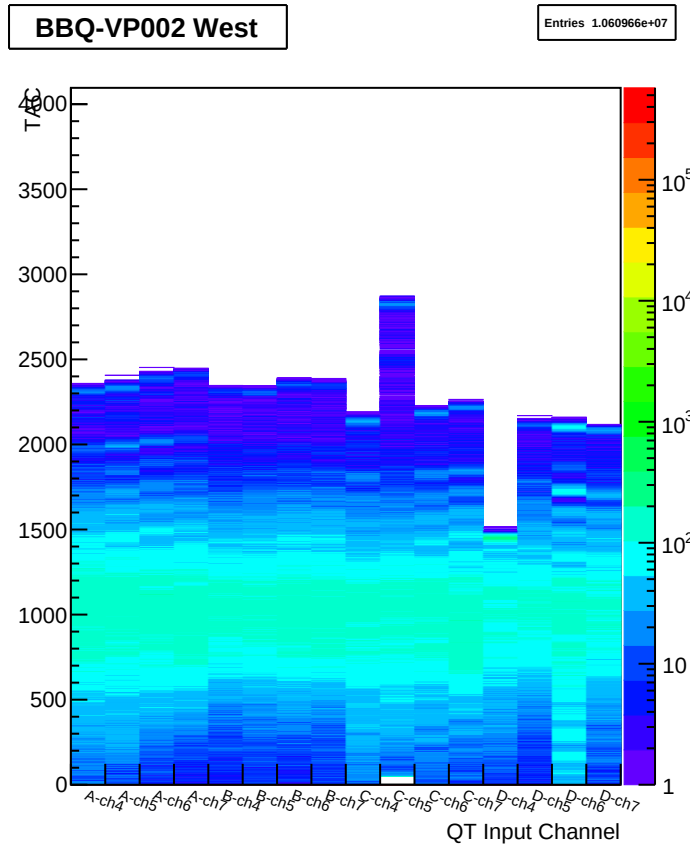

BBQ-ZD001 (ZDC TOWER)
Entries 1.060966e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

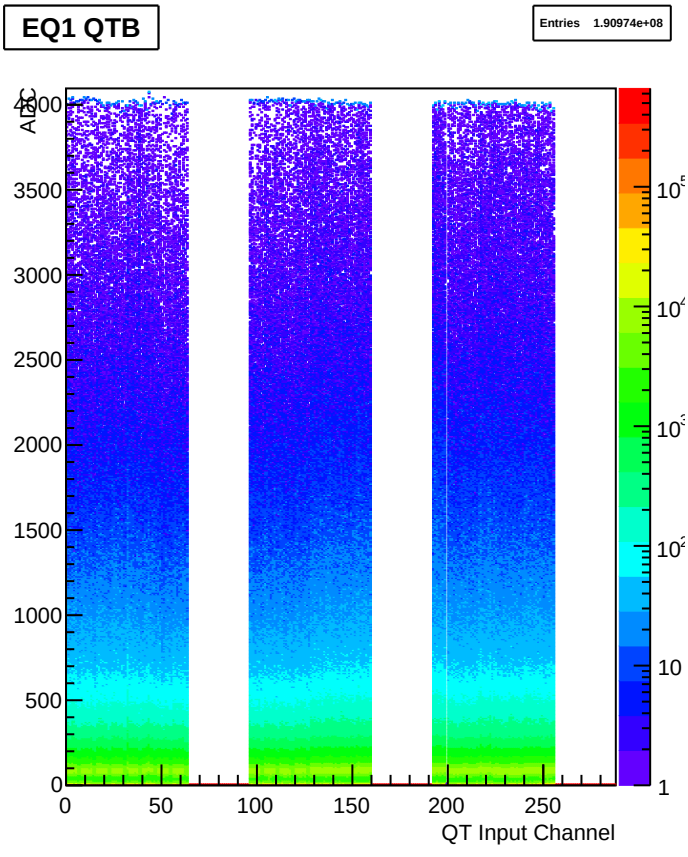

BBQ-ZD001 (ZDC TOWER)
Entries 1.060966e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

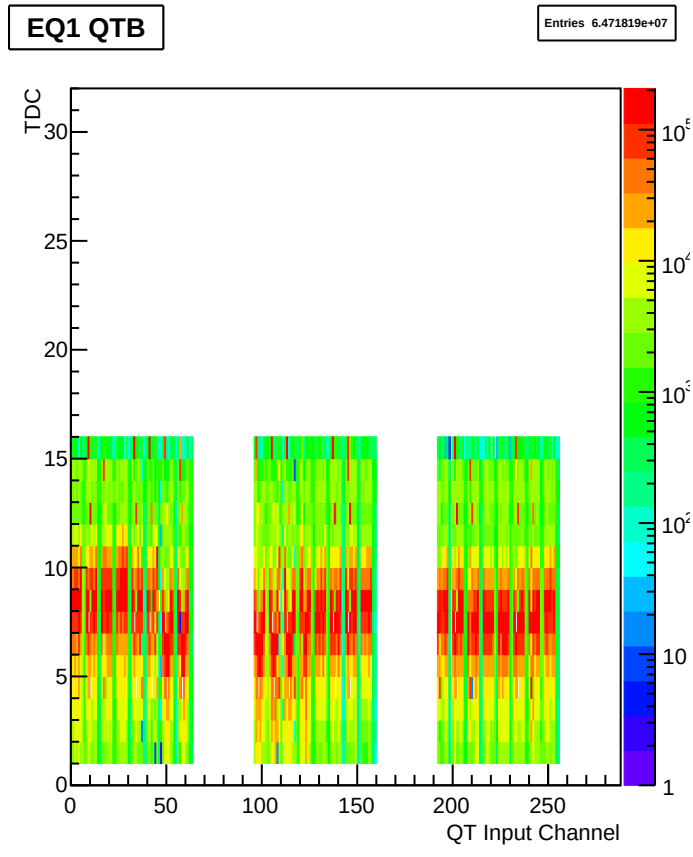

BBQ-VP001 East
Entries 1.060966e+07
ADC
QT Input Channel

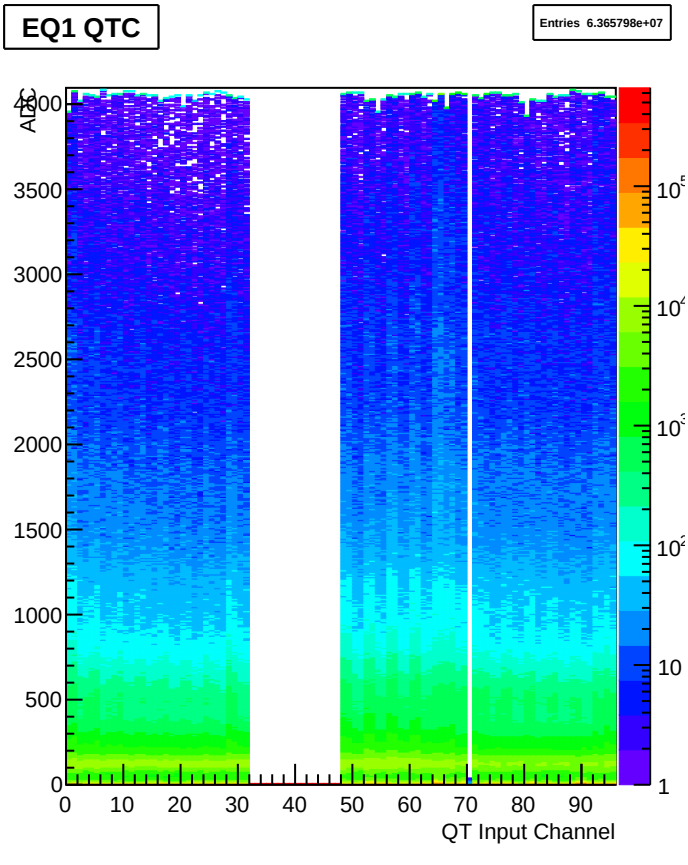

BBQ-VP001 East
Entries 1.060966e+07
TADC
QT Input Channel

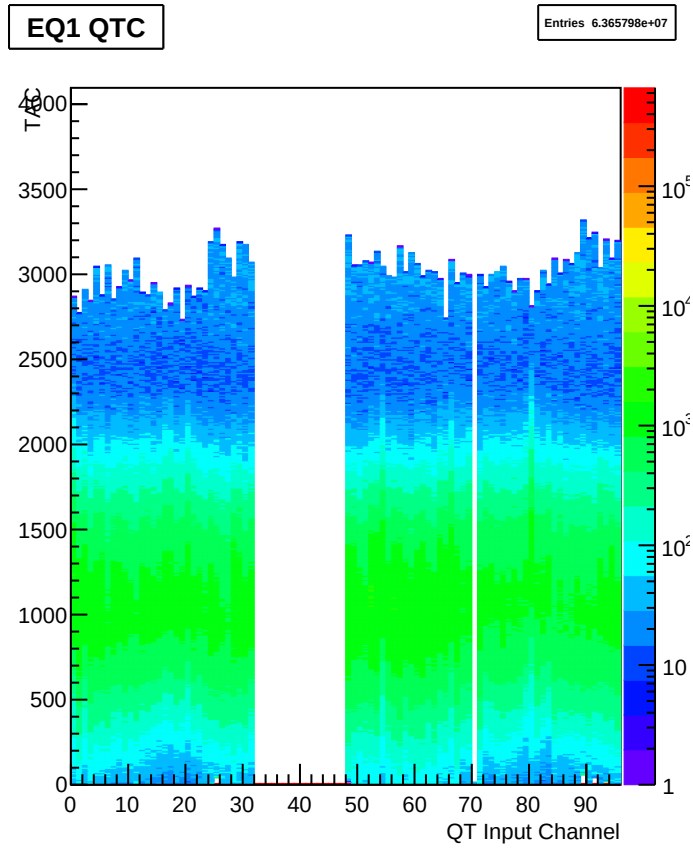

BBQ-VP002 West
Entries 1.060966e+07
ADC
QT Input Channel

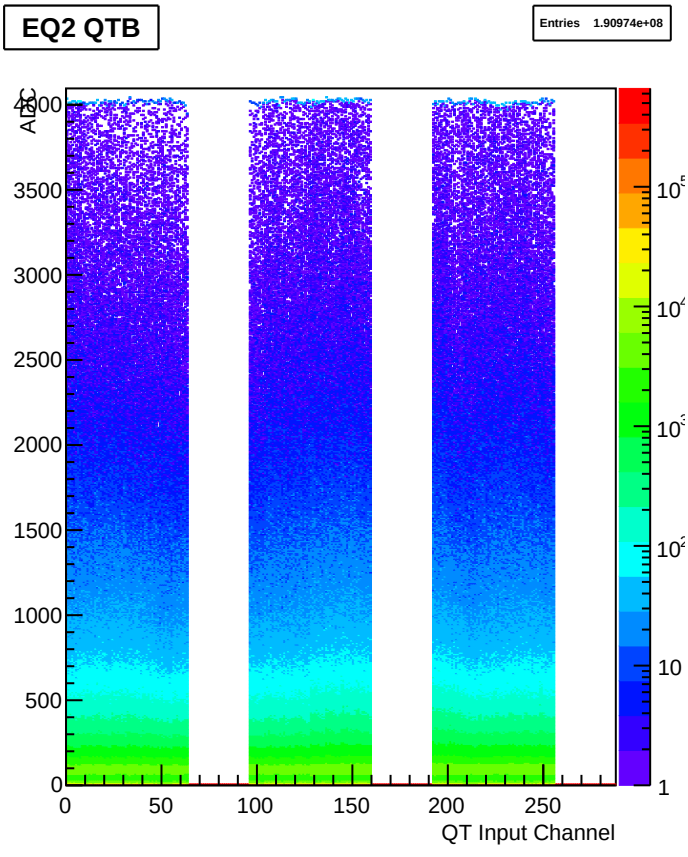

BBQ-VP002 West
Entries 1.060966e+07
TADC
QT Input Channel

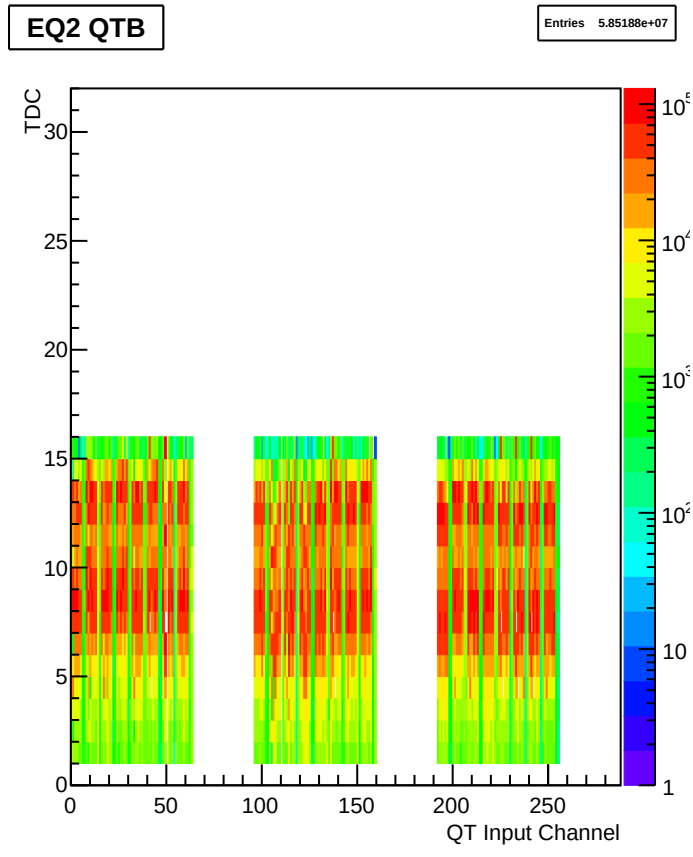

EQ1 QTB
Entries 1.90974e+08
ADC
QT Input Channel

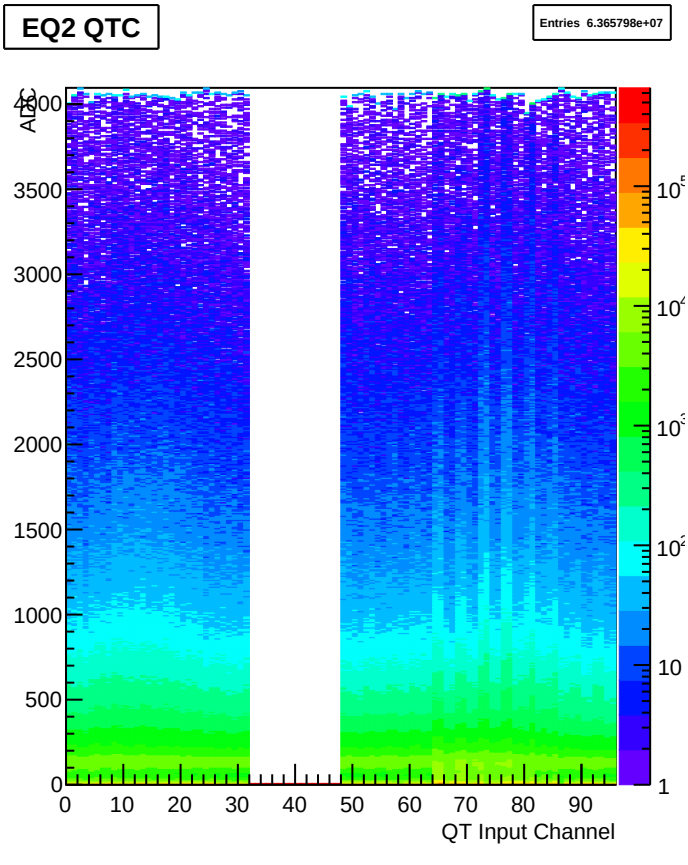

EQ1 QTB
Entries 6.471819e+07
TDC
QT Input Channel

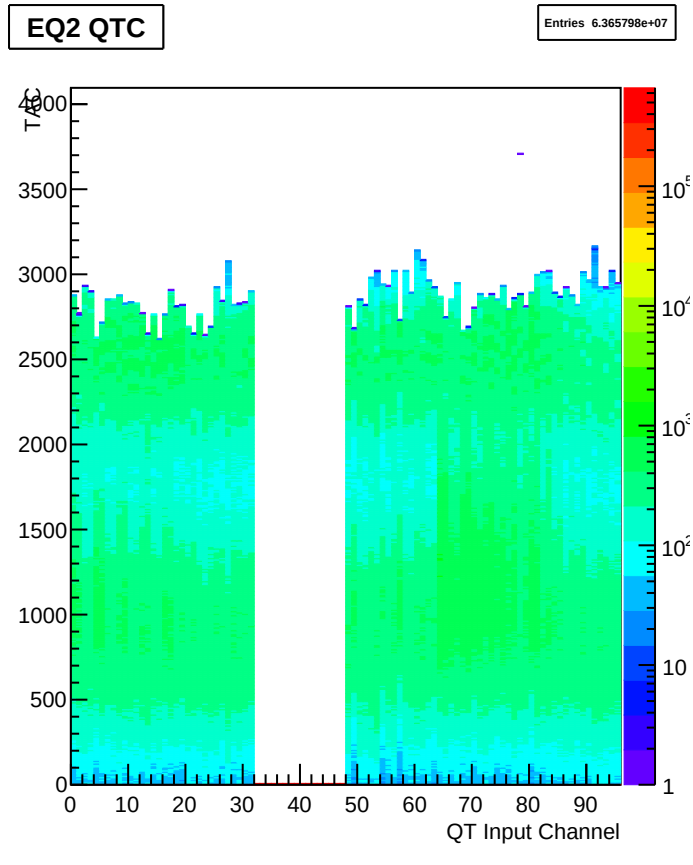

EQ1 QTC
Entries 6.365798e+07
ADC
QT Input Channel

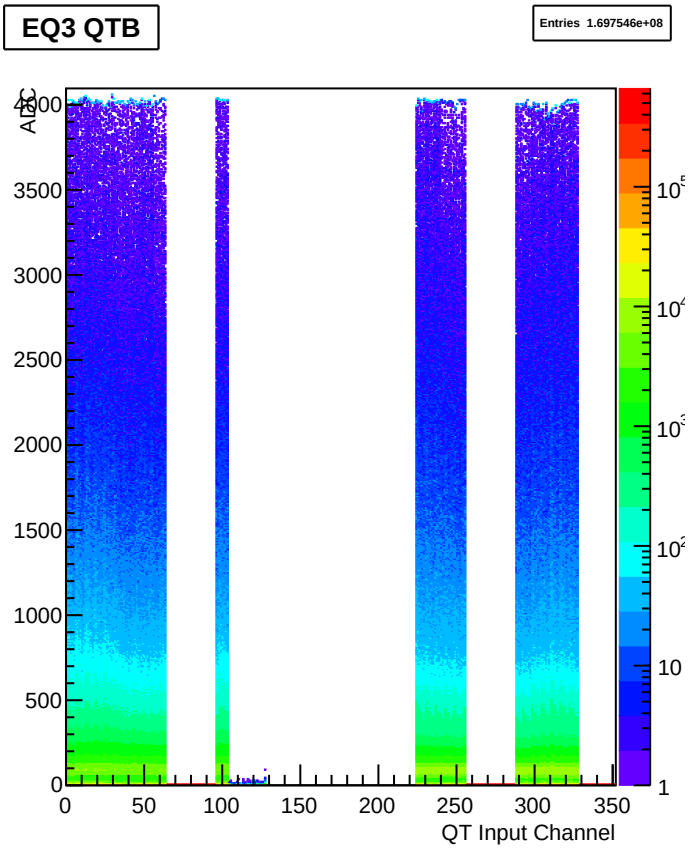

EQ1 QTC
Entries 6.365798e+07
TADC
QT Input Channel

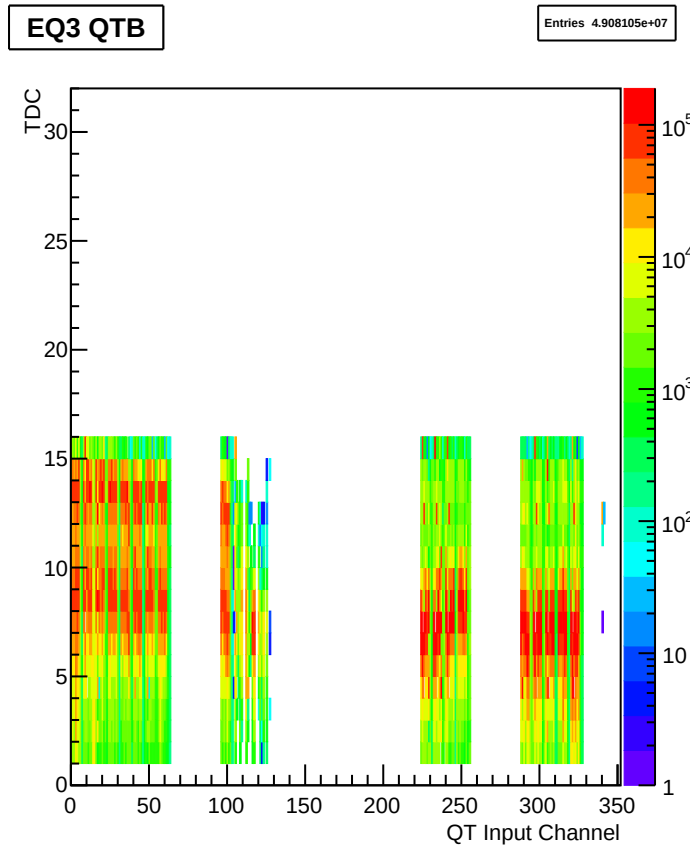

EQ2 QTB
Entries 1.90974e+08
ADC
QT Input Channel

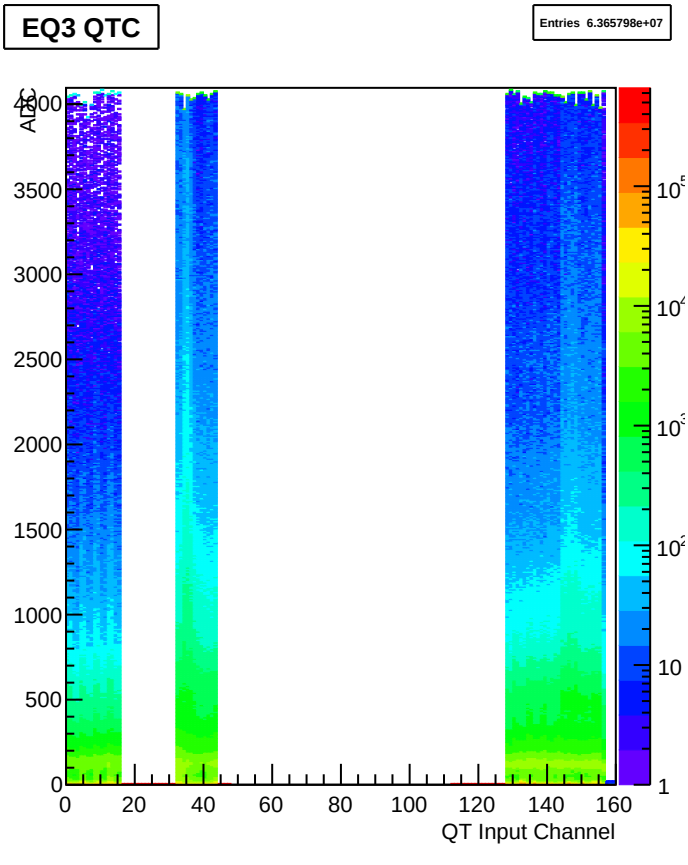

EQ2 QTB
Entries 5.85188e+07
TDC
QT Input Channel

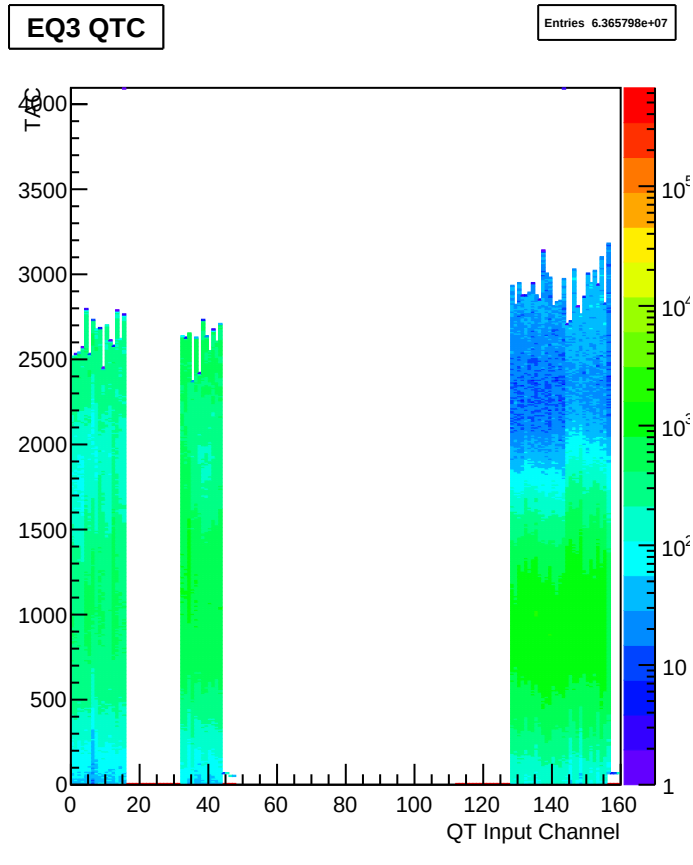

EQ2 QTC
Entries 6.365798e+07
ADC
QT Input Channel

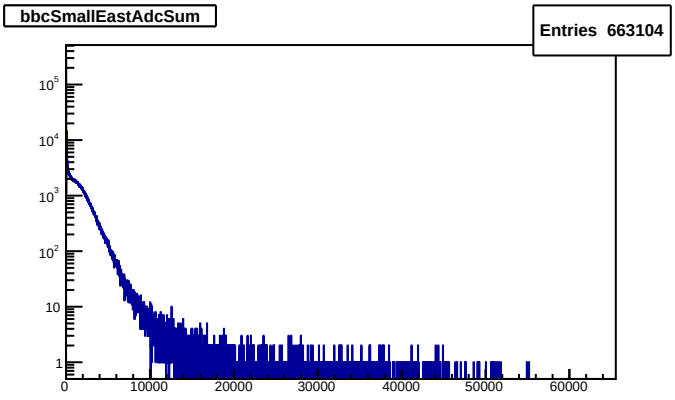

EQ2 QTC
Entries 6.365798e+07
TADC
QT Input Channel

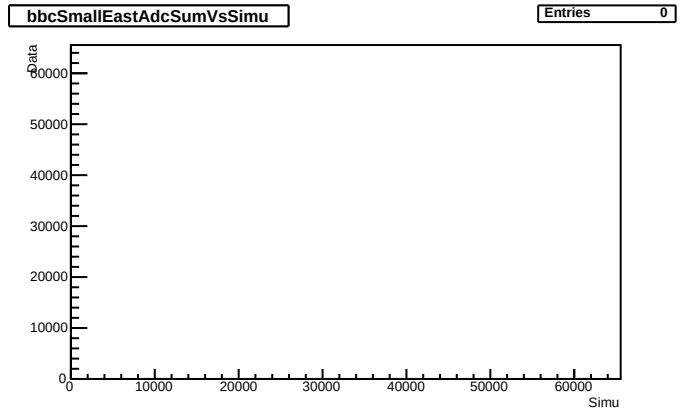

EQ3 QTB
Entries 1.697546e+08
ADC
QT Input Channel

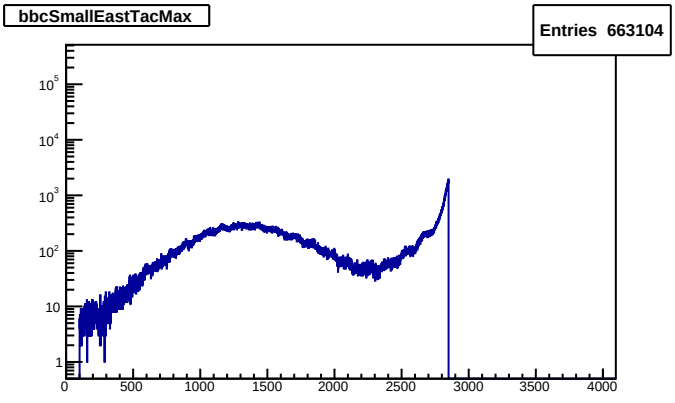

EQ3 QTB
Entries 4.908105e+07
TDC
QT Input Channel

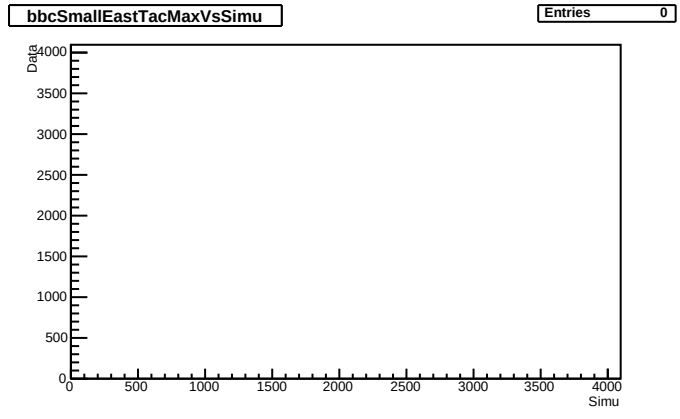

EQ3 QTC
Entries 6.365798e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.365798e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 663104


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 663104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Entries 0
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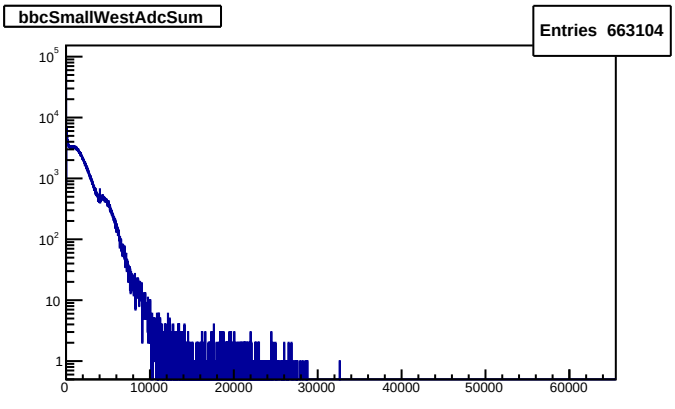
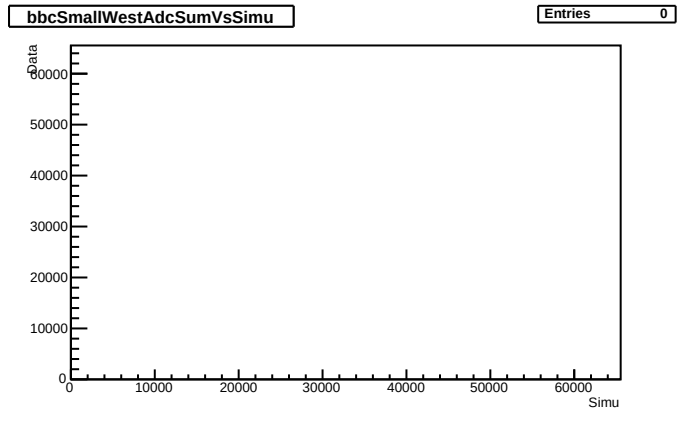
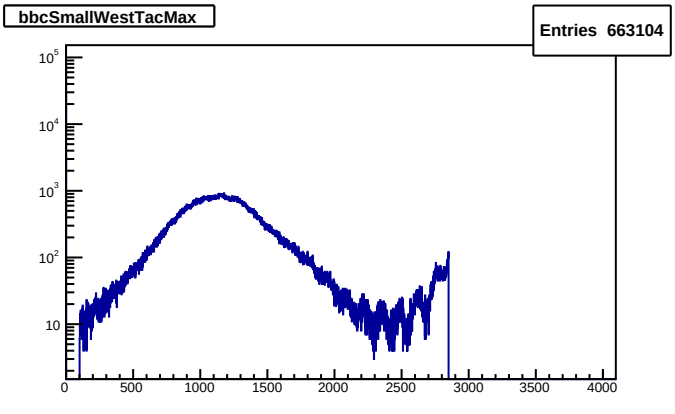

bbcSmallWestAdcSum
Entries 663104


bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu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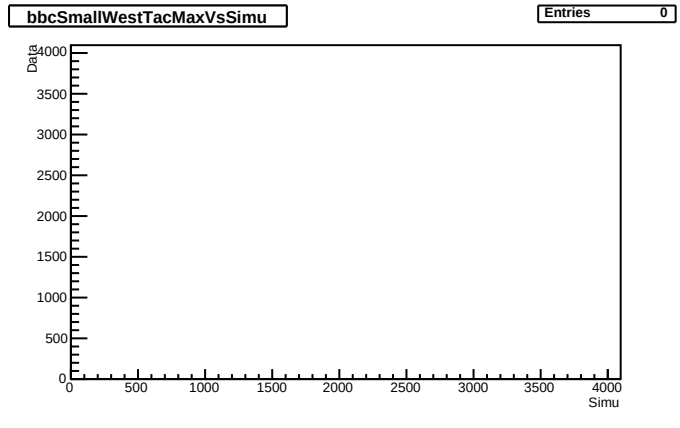
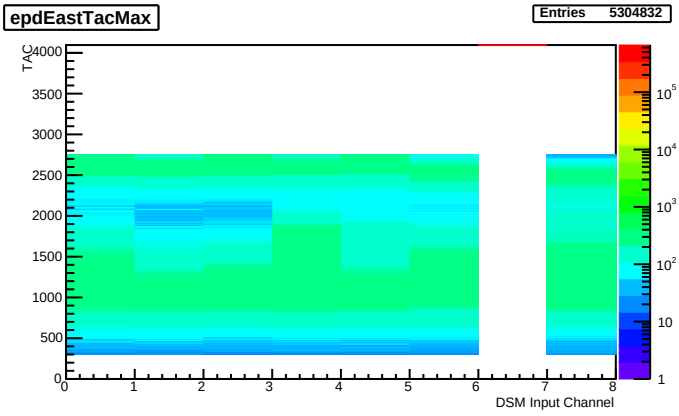
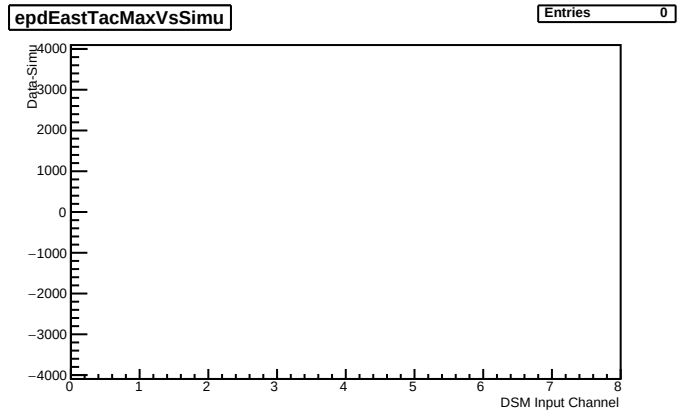
Entries 663104


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5304832
TAC
DSM Input Channel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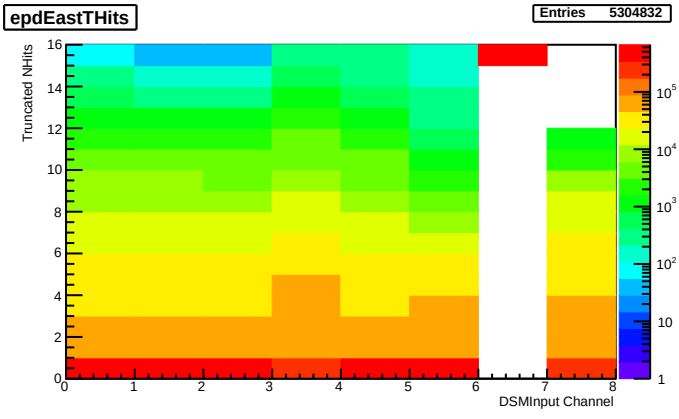
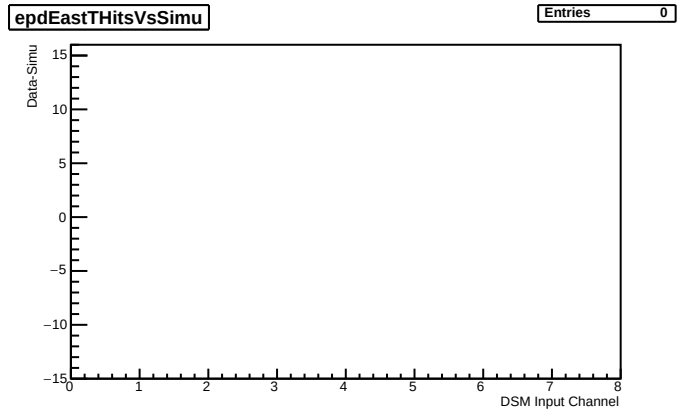
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5304832
Truncated NHits
DSMInput Channel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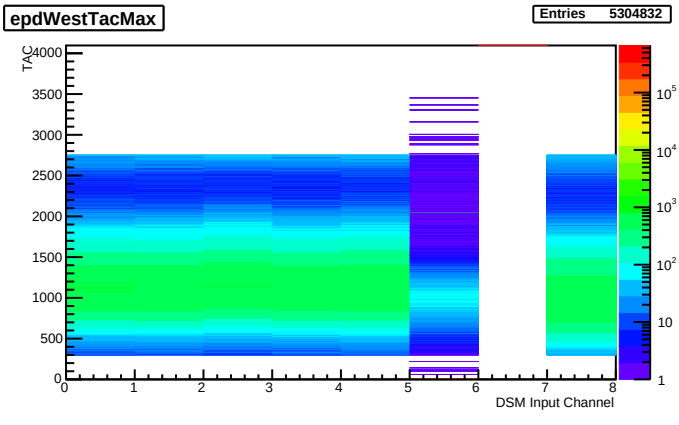
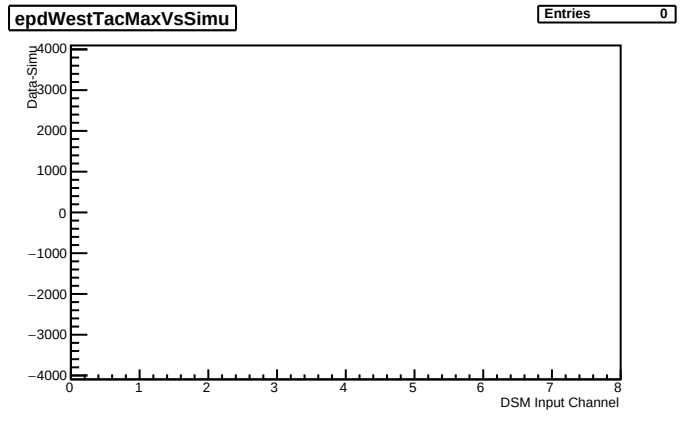
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 5304832
TAC
DSM Input Channel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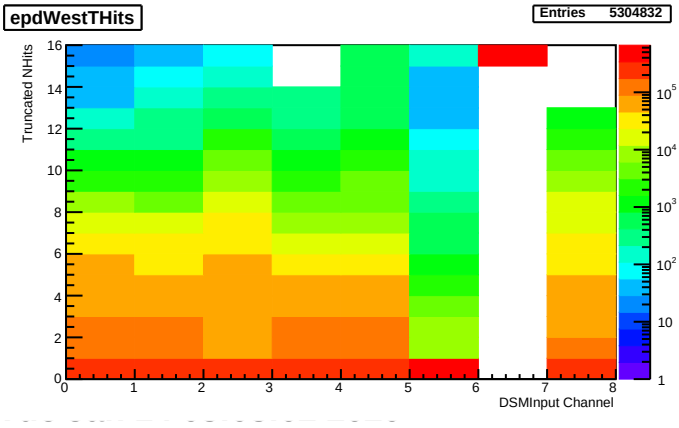
Entries 0
Data-Simu
DSM Input Channel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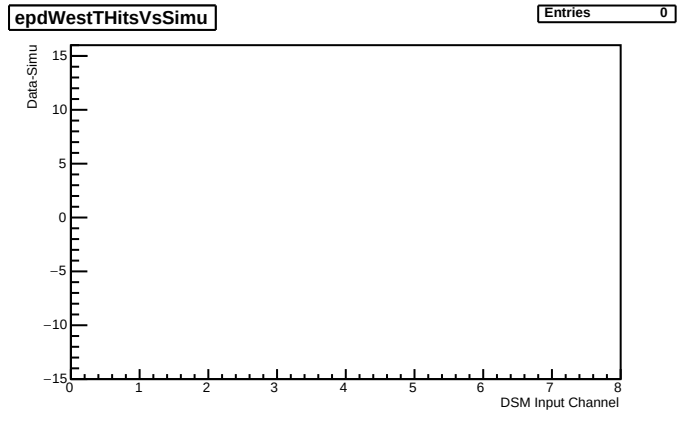
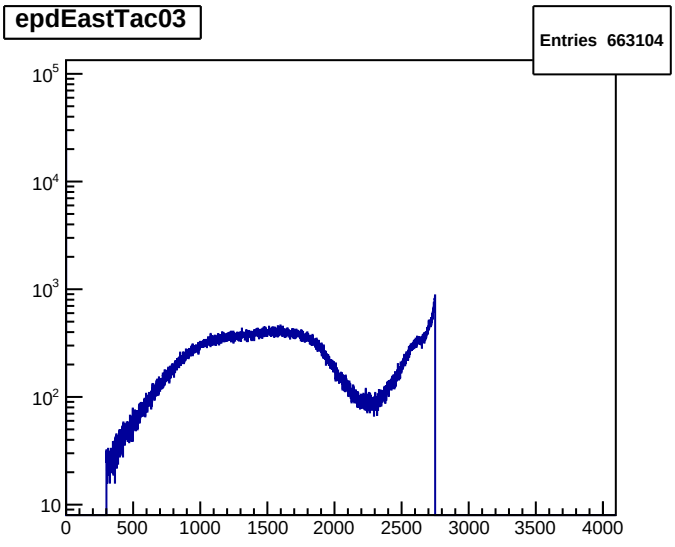
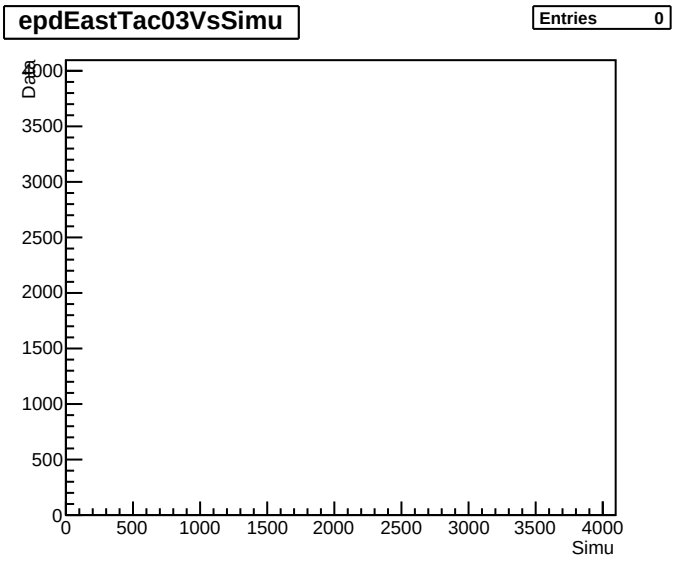
Entries 5304832
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 663104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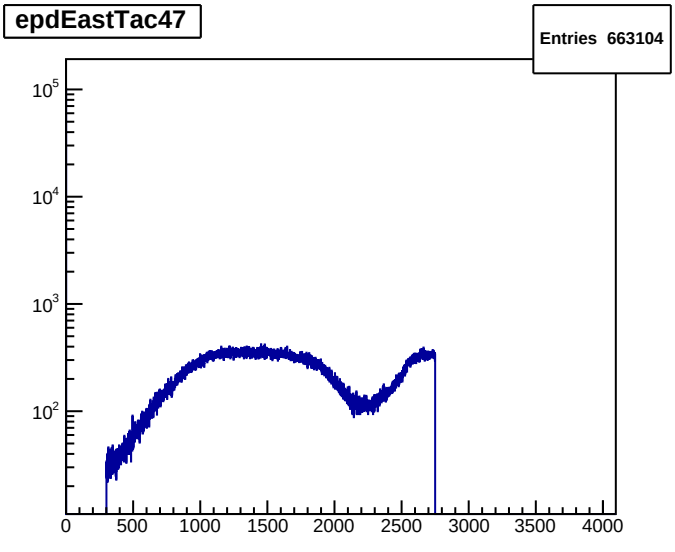
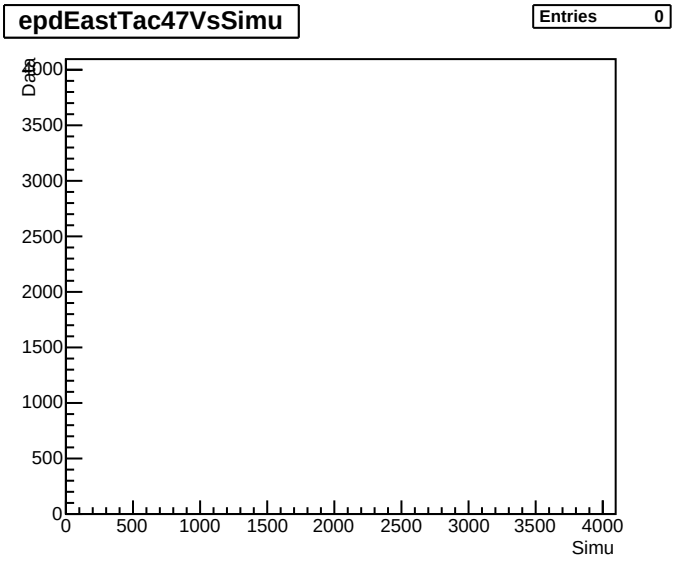
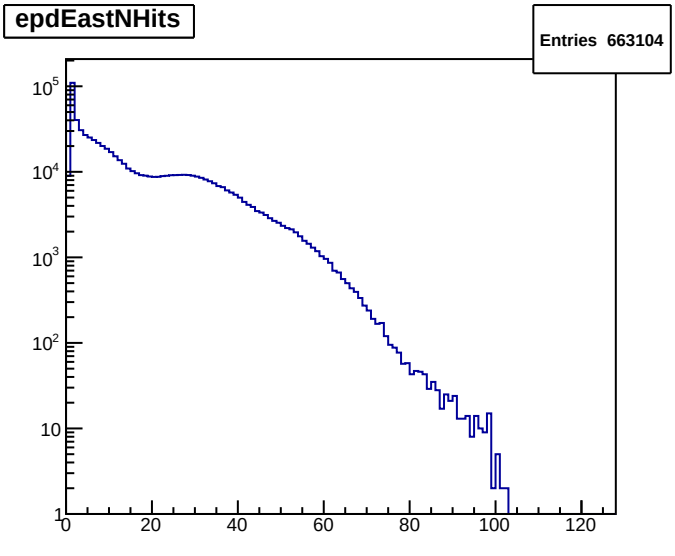
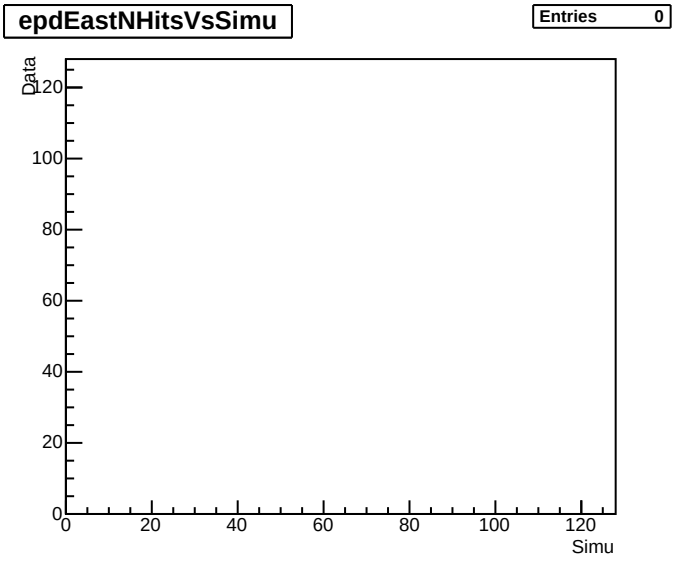
Entries 0
Data
Simu


epdEastTac47
Entries 663104


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 663104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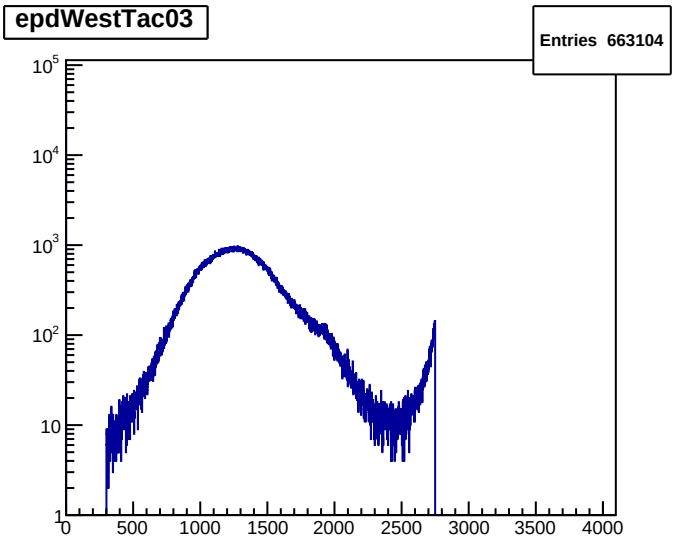
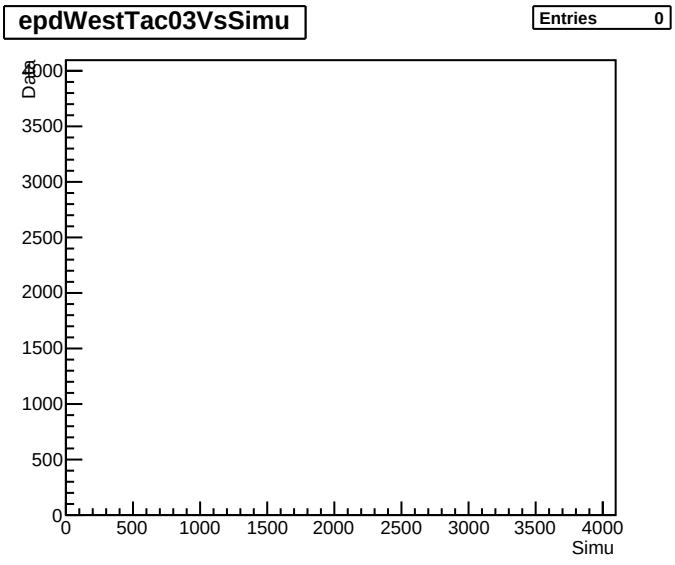
Entries 0
Data
Simu


epdWestTac03
Entries 663104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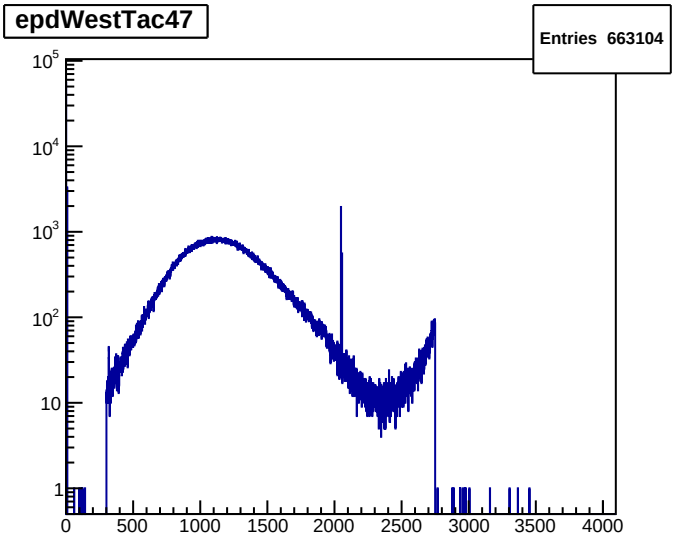
Entries 0
Data
Simu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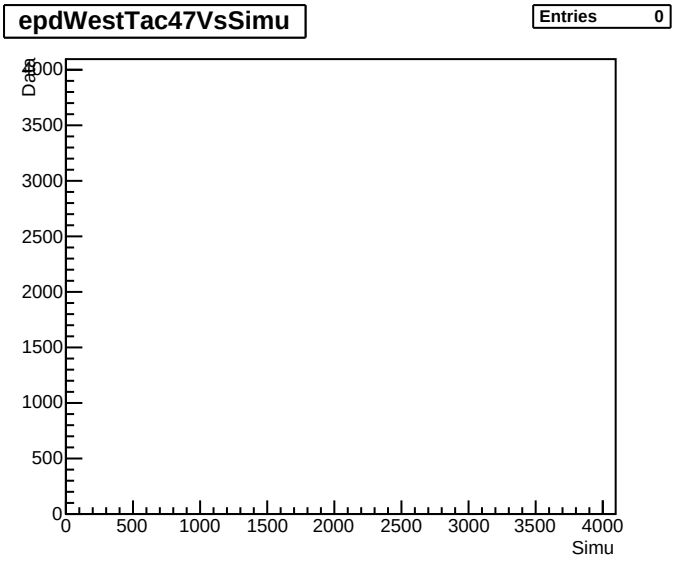
Entries 663104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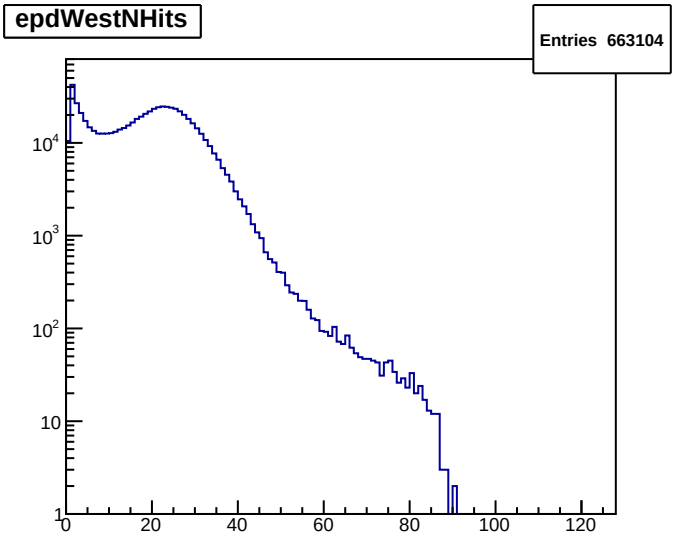
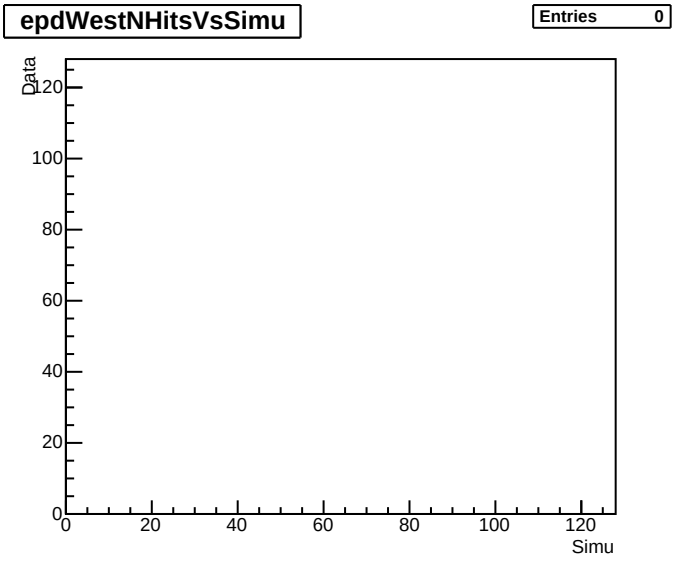
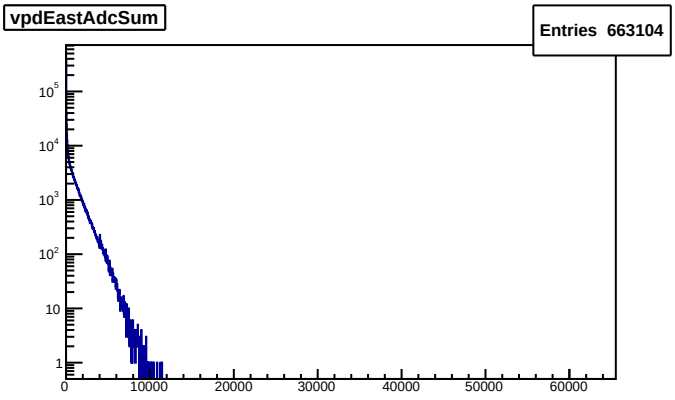
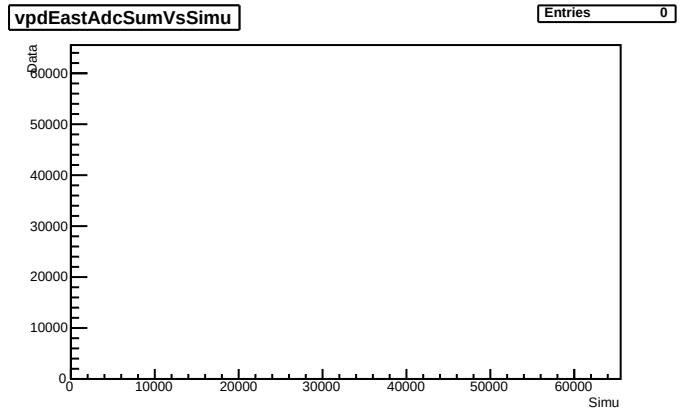
Entries 0
Data
Simu


epdWestNHits
Entries 663104


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 663104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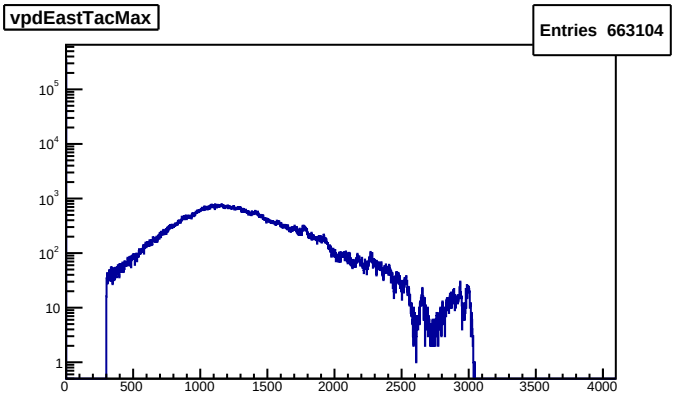
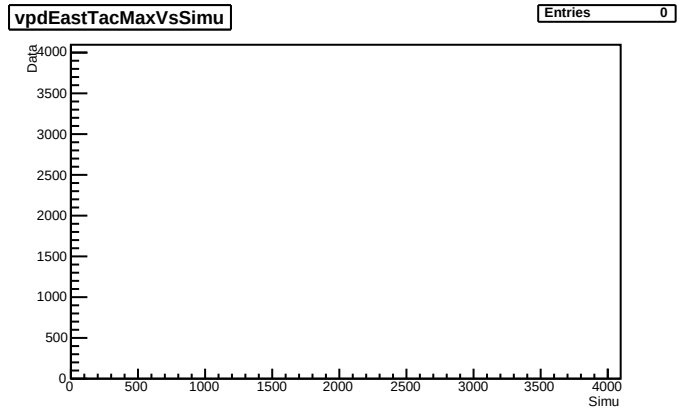
Entries 0
Data
Simu


vpdEastTacMax
Entries 663104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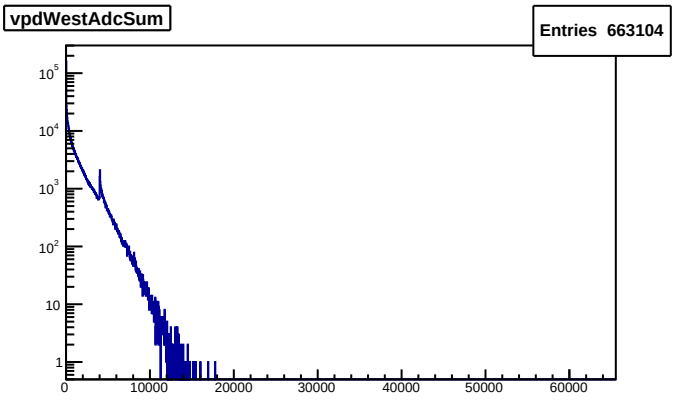
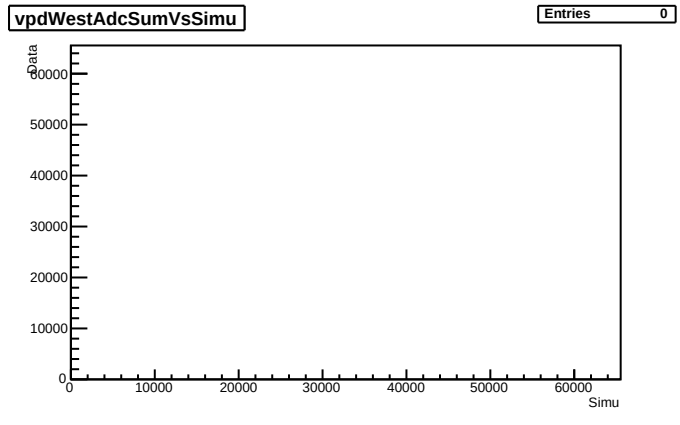
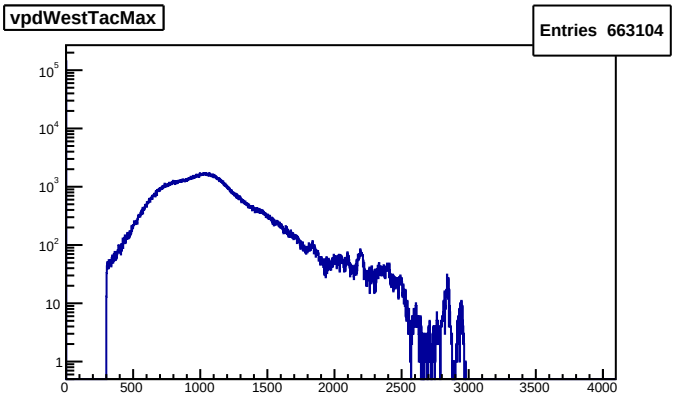
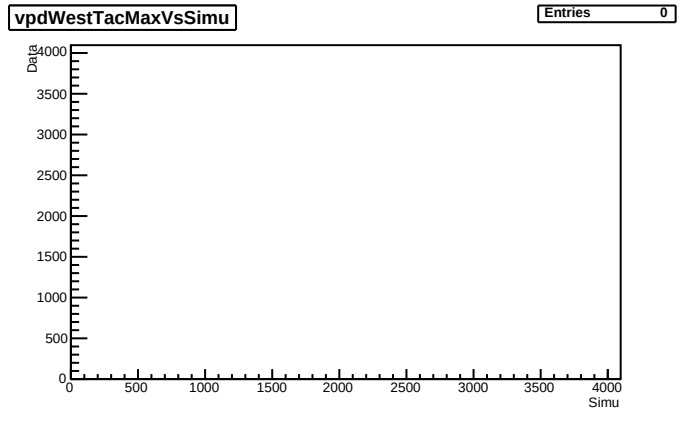
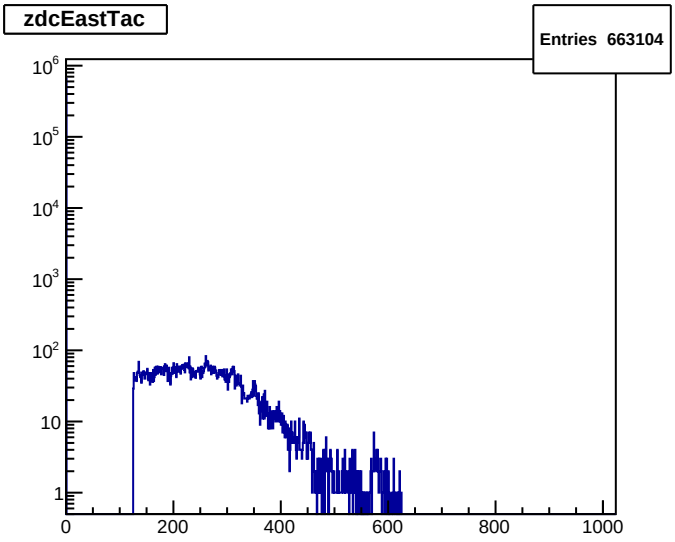
Entries 0
Data
Simu

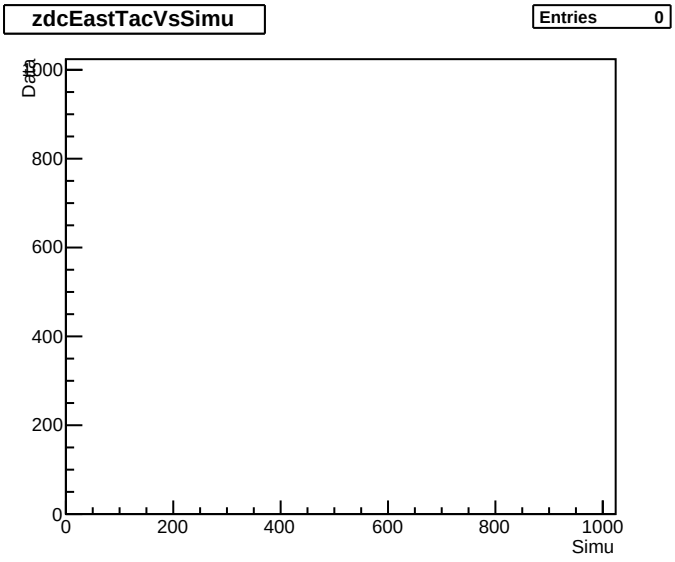

vpdWestAdcSum
Entries 663104

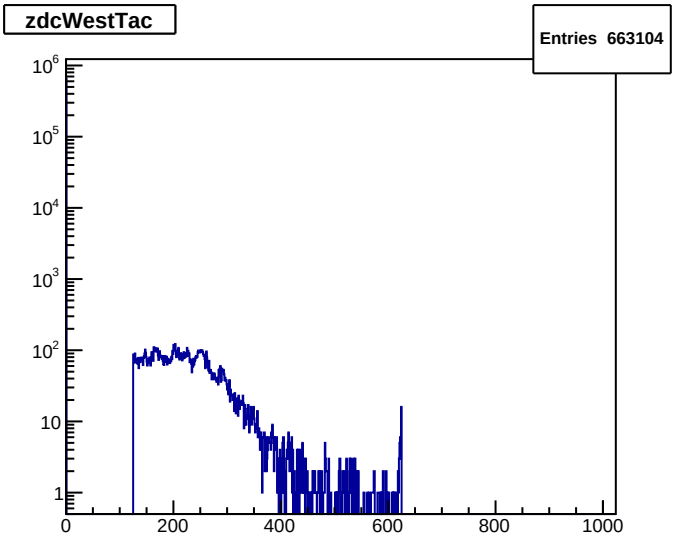

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

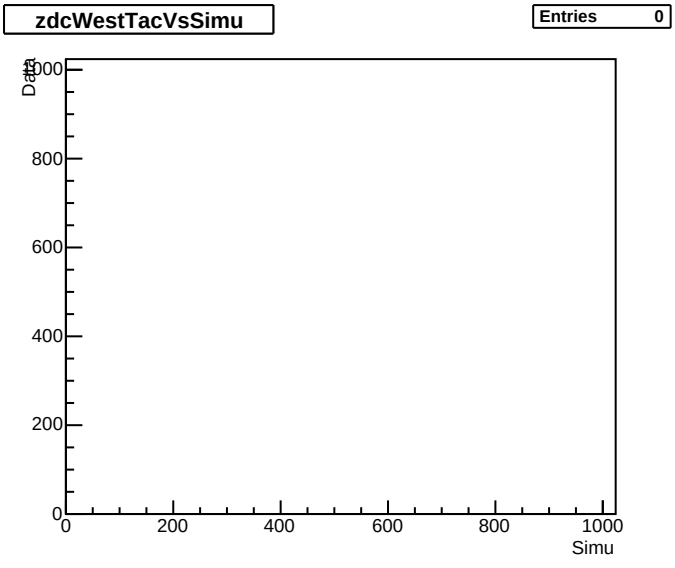

vpdWestTacMax
Entries 663104

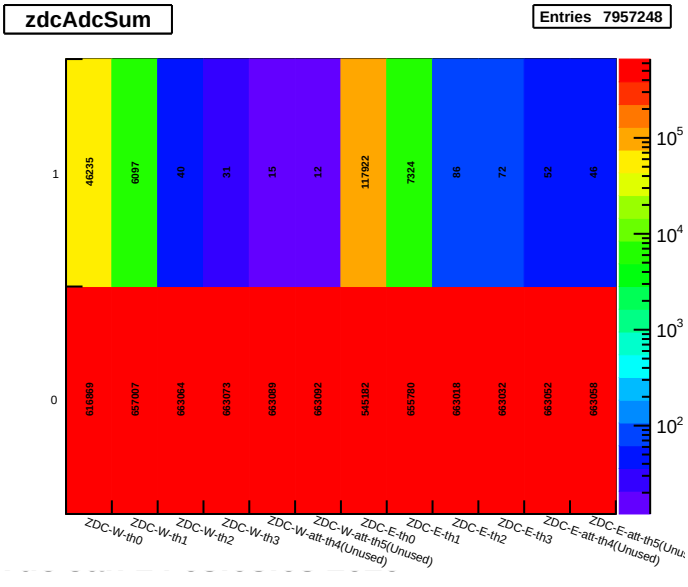

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

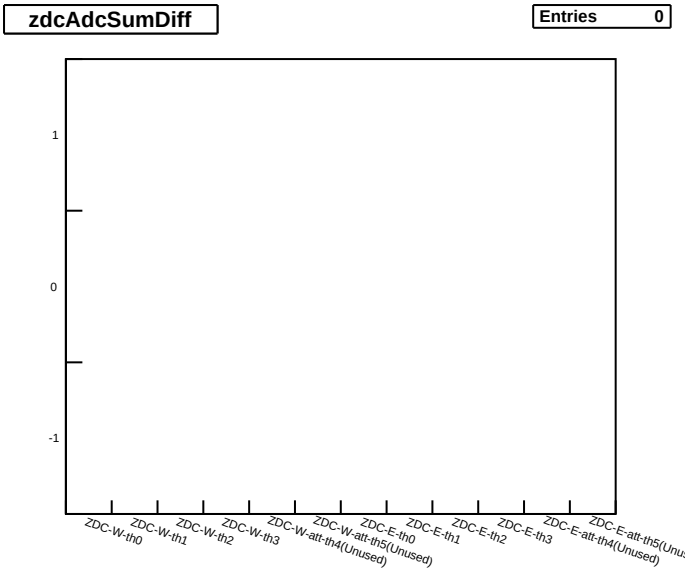

zdcEastTac
Entries 663104

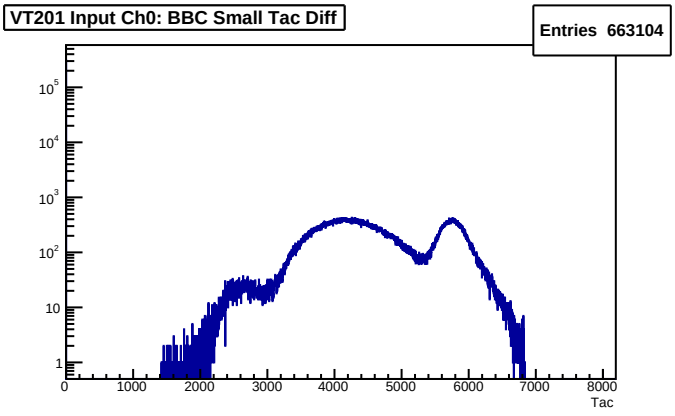

zdcEastTacVsSimu
Entries 0
Data
Simu

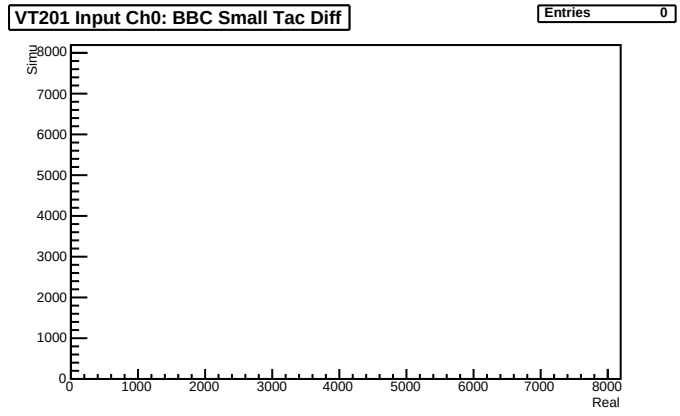

zdcWestTac
Entries 663104

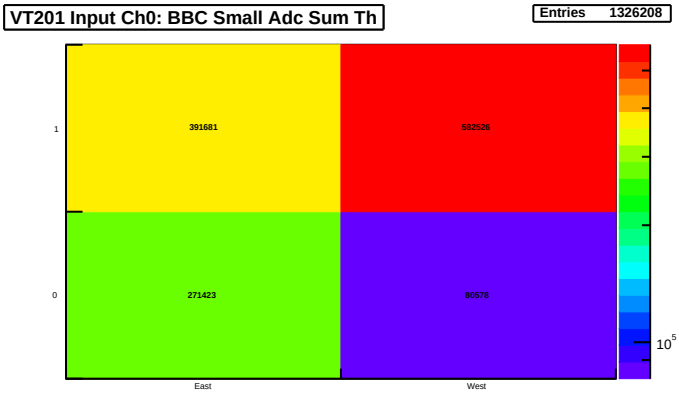

zdcWestTacVsSimu
Entries 0
Data
Simu

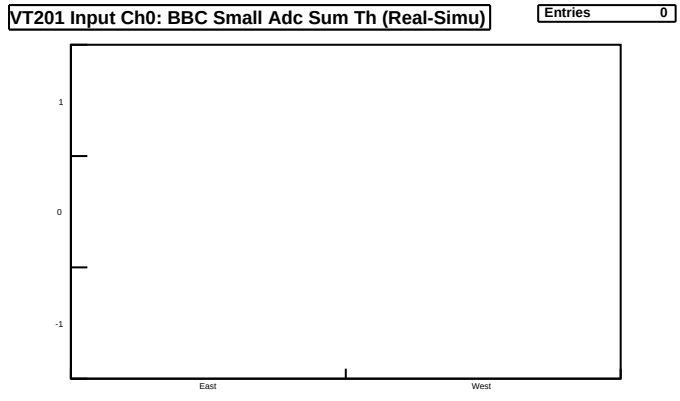

zdcAdcSum
Entries 7957248
46235
6097
40
31
15
12
117922
7324
86
72
52
46
616889
657007
663064
663073
663089
663032
545182
655780
663018
663032
663052
663068
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

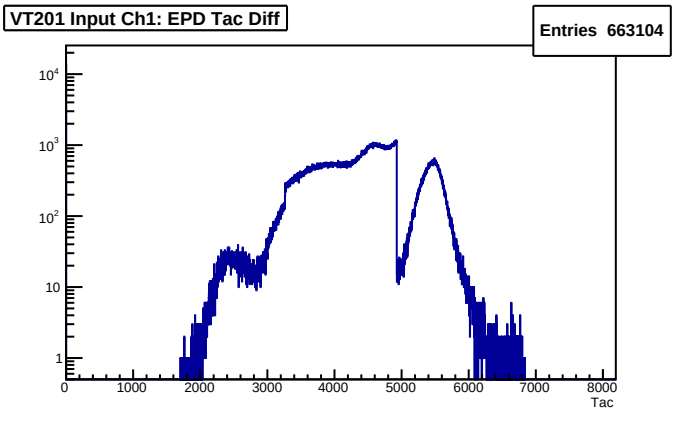

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

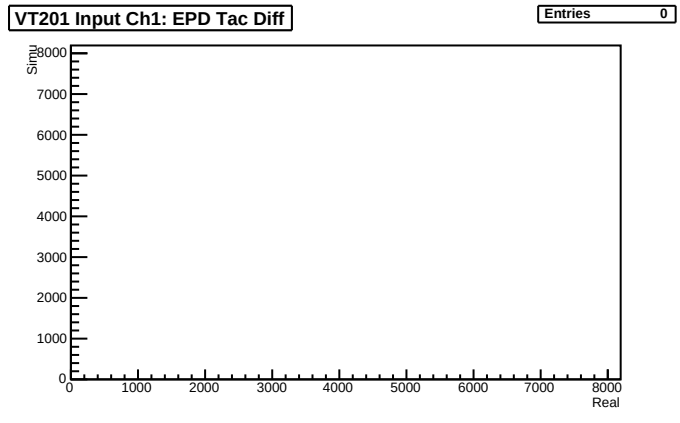

VT201 Input Ch0: BBC Small Tac Diff
Entries 663104
Tac

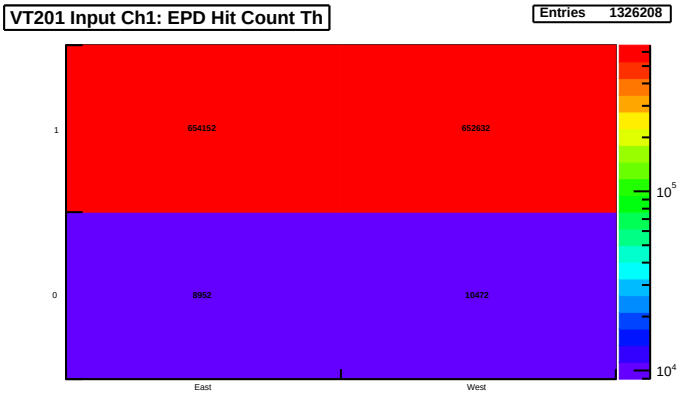

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

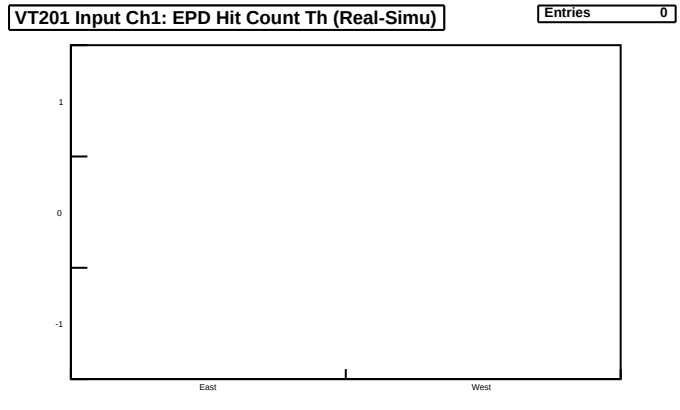

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1326208
391681
582526
271423
80578
East
West

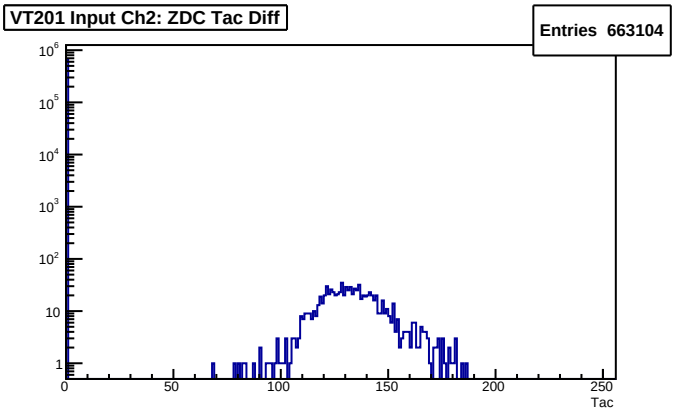

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

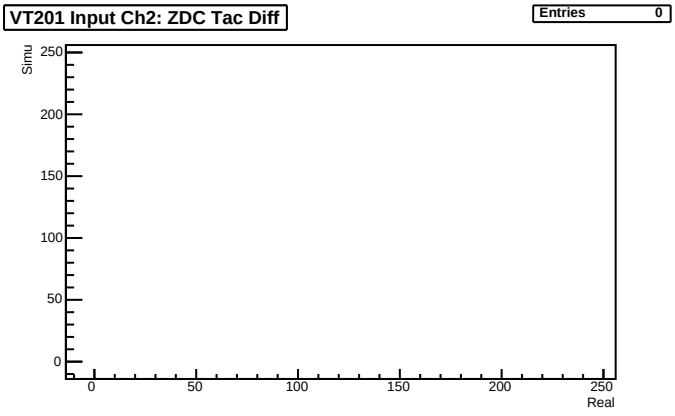

VT201 Input Ch1: EPD Tac Diff
Entries 663104
Tac

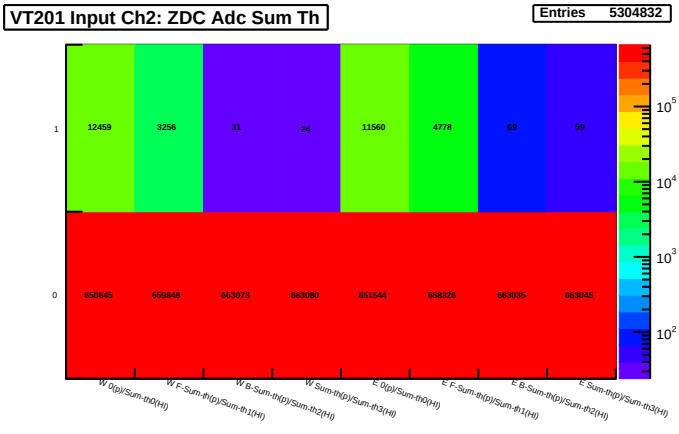

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

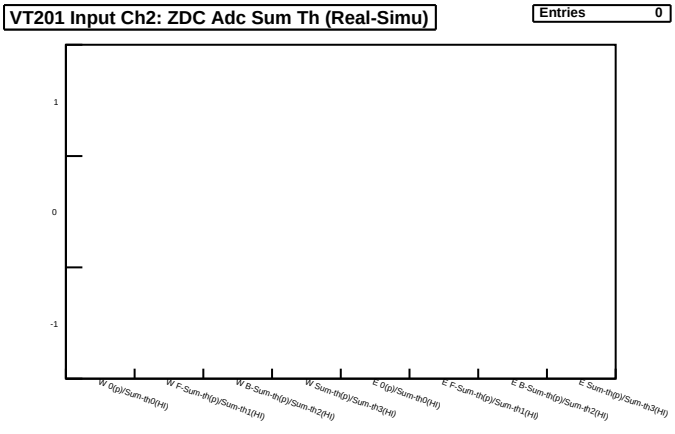

VT201 Input Ch1: EPD Hit Count Th
Entries 1326208
654152
652632
8952
10472
East
West

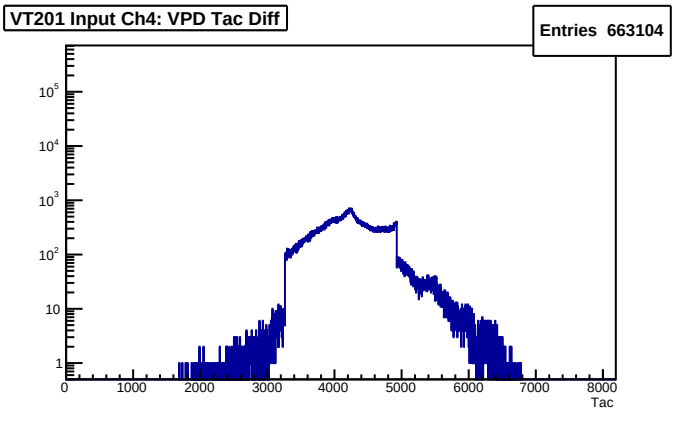

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

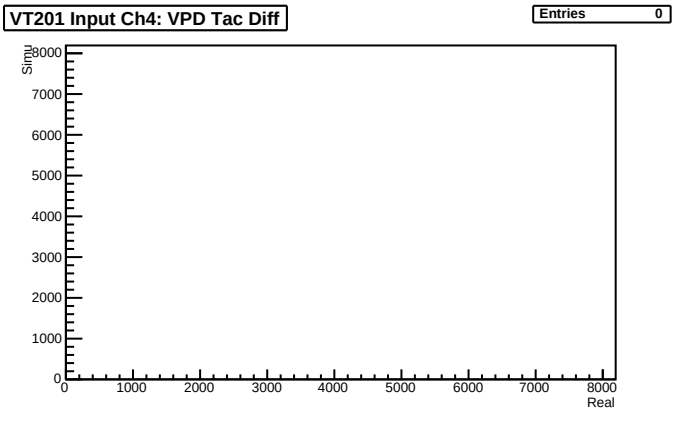

VT201 Input Ch2: ZDC Tac Diff
Entries 663104
Tac

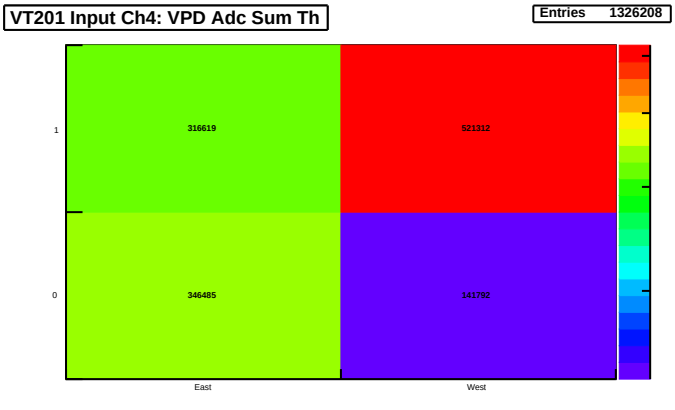

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

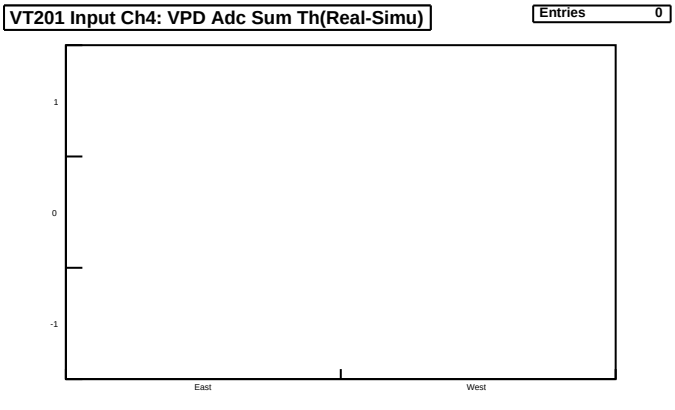

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5304832
12459
3256
31
24
11560
4778
69
59
650645
659848
663073
663080
651544
658326
663035
663045
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

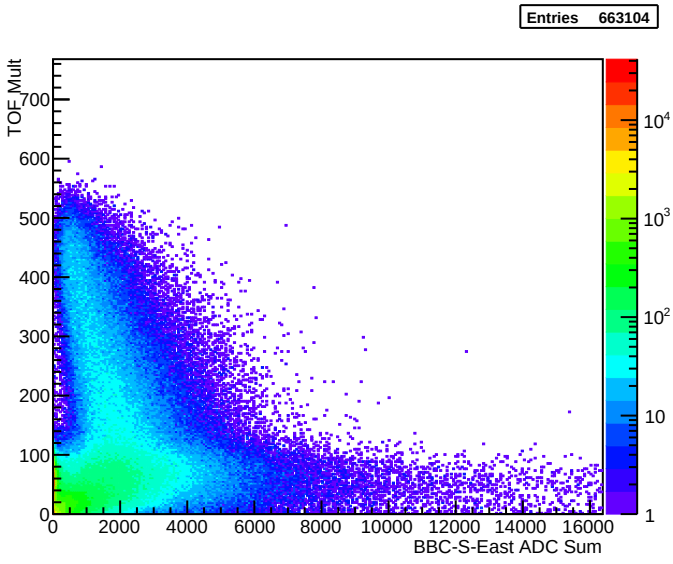

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

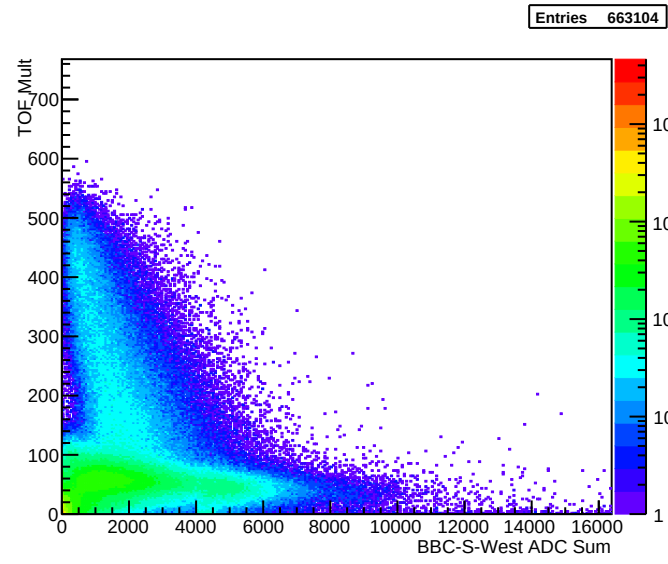

VT201 Input Ch4: VPD Tac Diff
Entries 663104
Tac

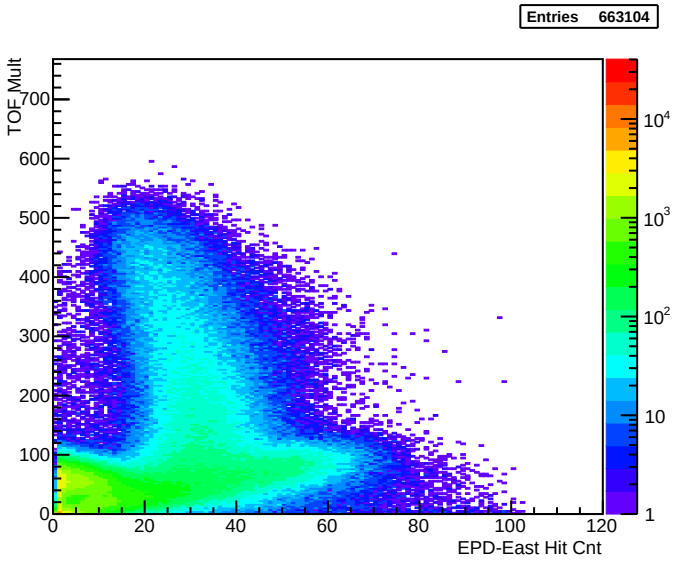

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

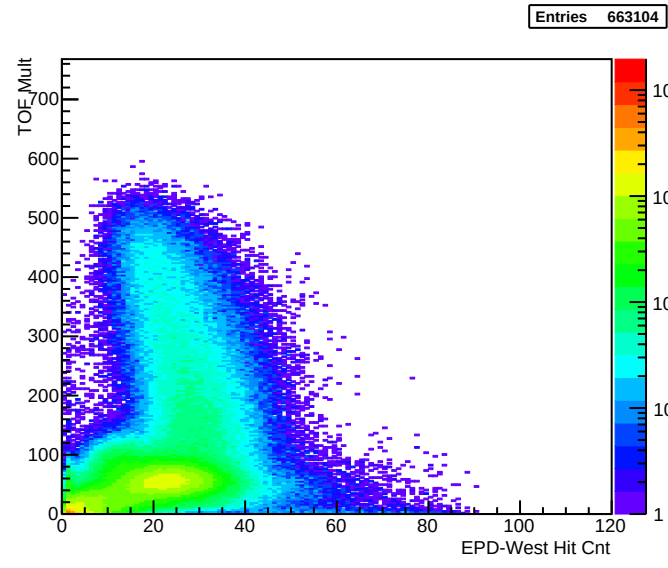

VT201 Input Ch4: VPD Adc Sum Th
Entries 1326208
316619
521312
346485
141792
East
West

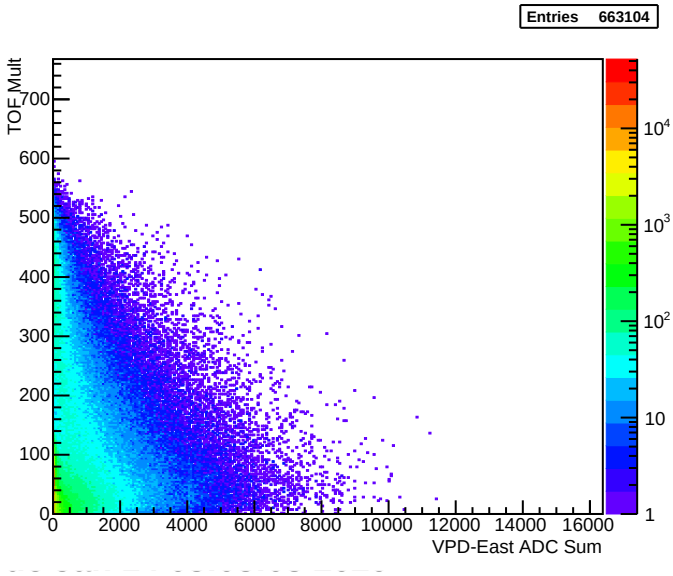

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

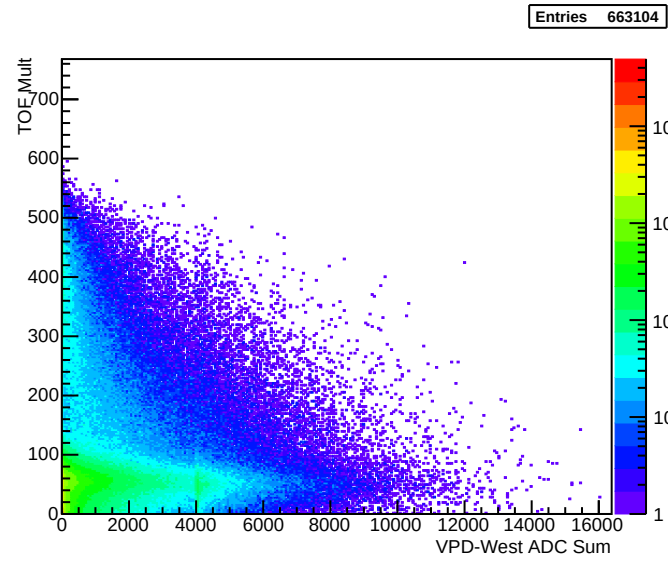

Entries 663104
TOF_Mult
BBC-S-East ADC Sum

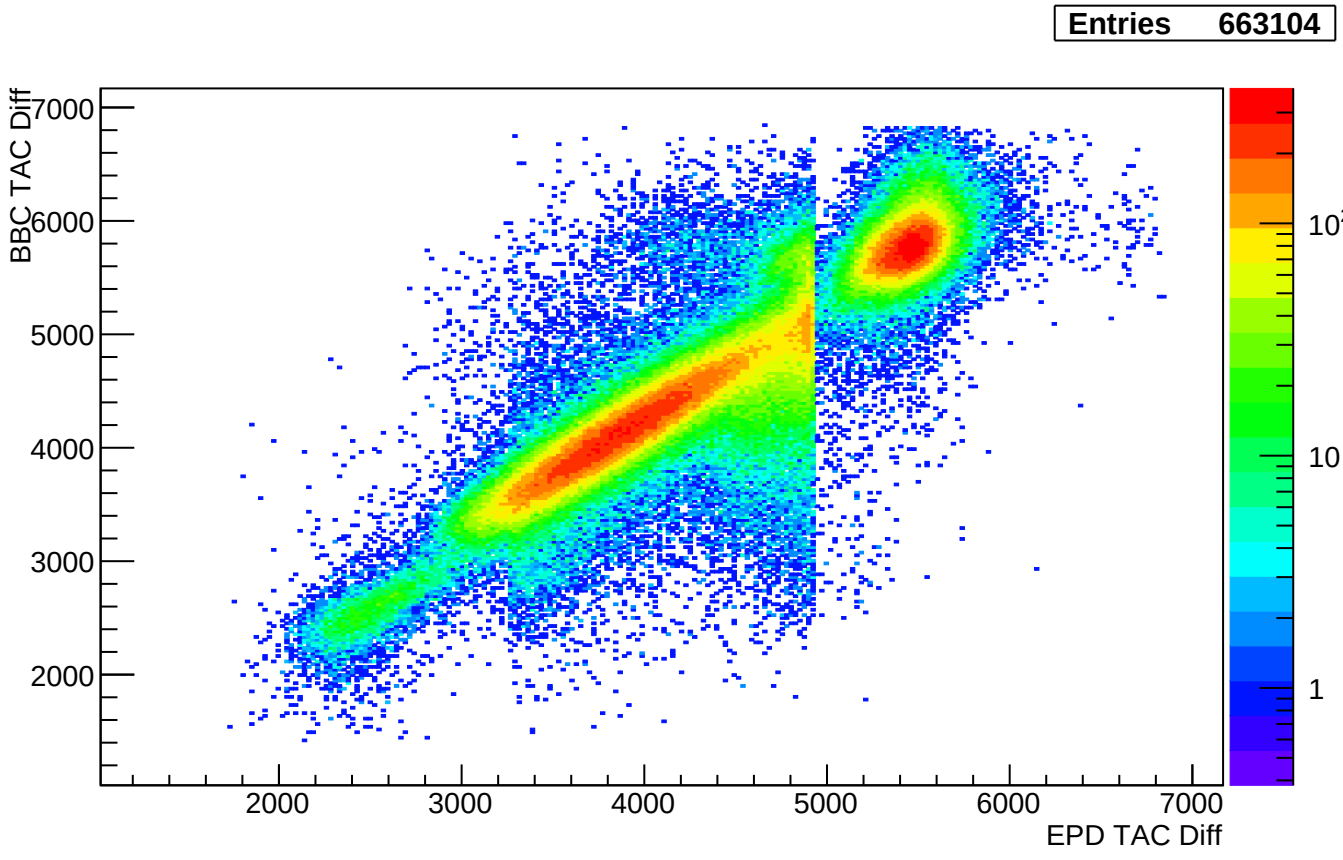

Entries 663104
TOF_Mult
BBC-S-West ADC Sum

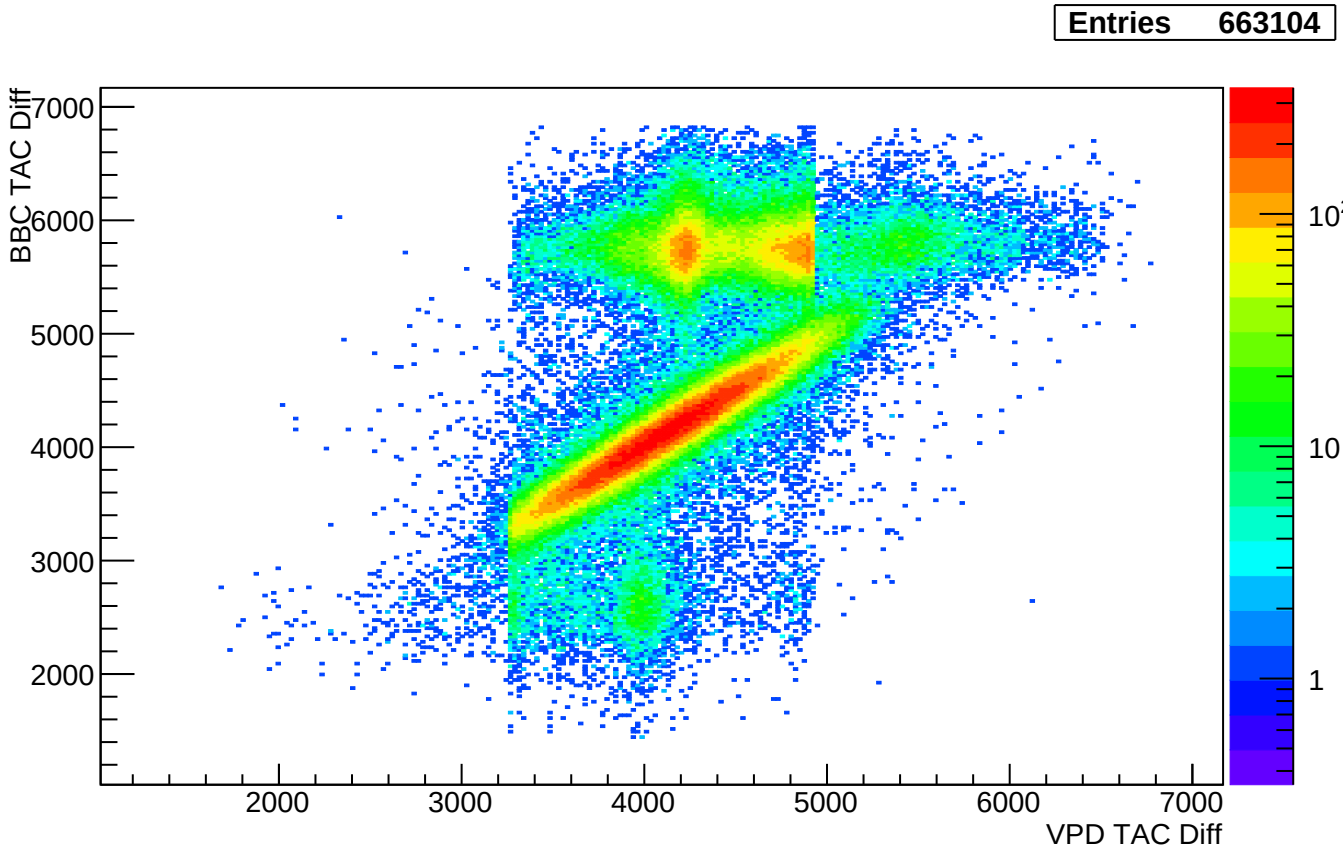

Entries 663104
TOF_Mult
EPD-East Hit Cnt

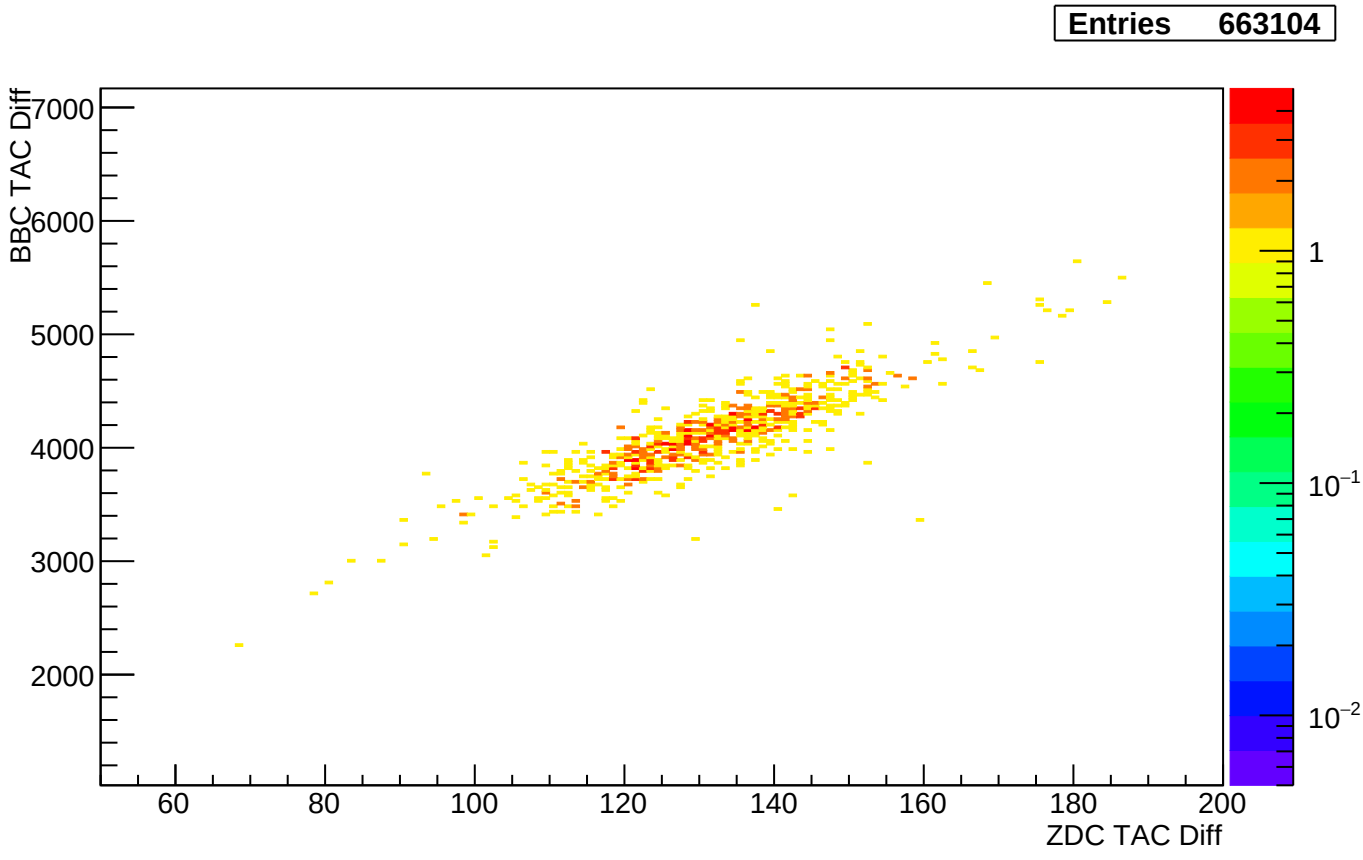

Entries 663104
TOF_Mult
EPD-West Hit Cnt

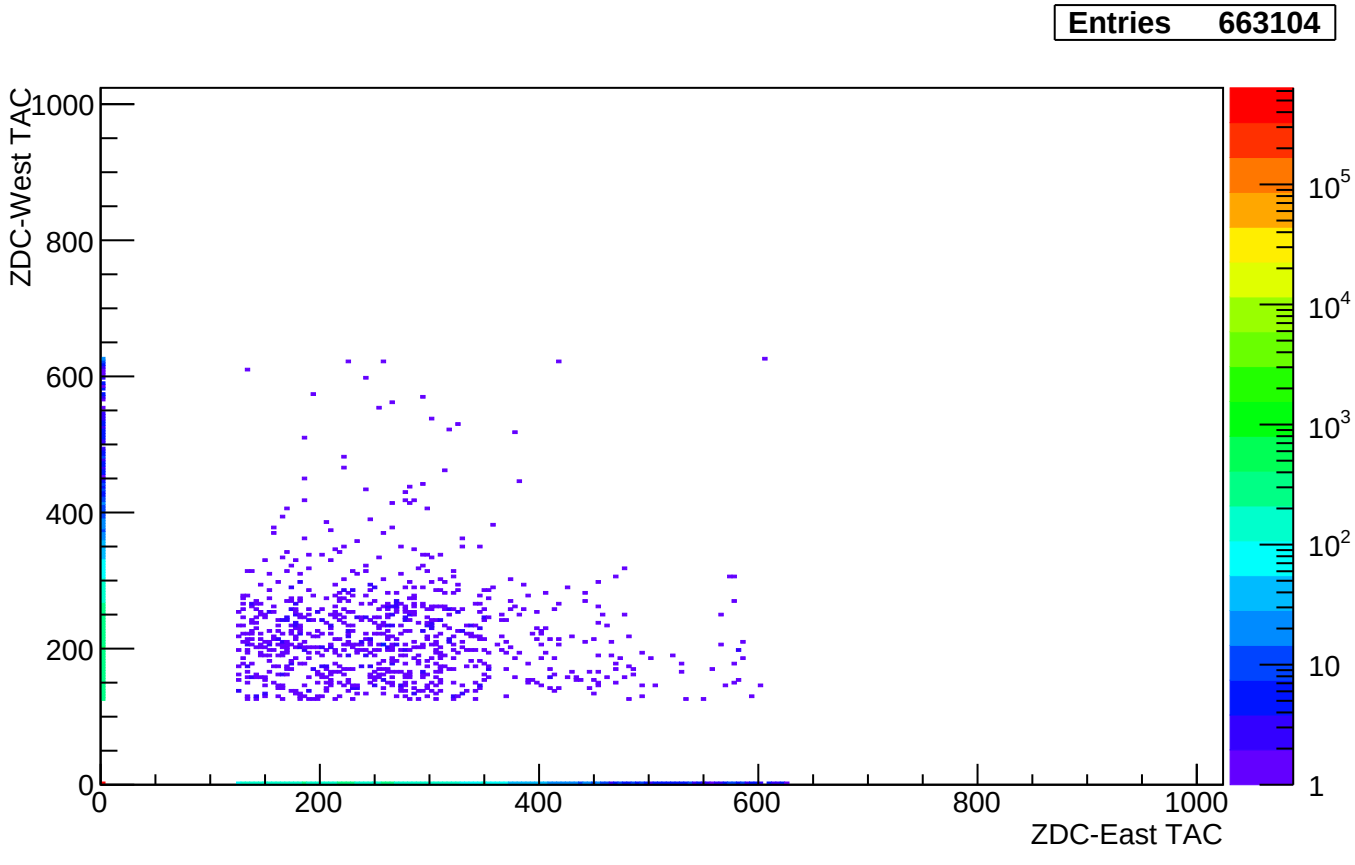

Entries 663104
TOF_Mult
VPD-East ADC Sum

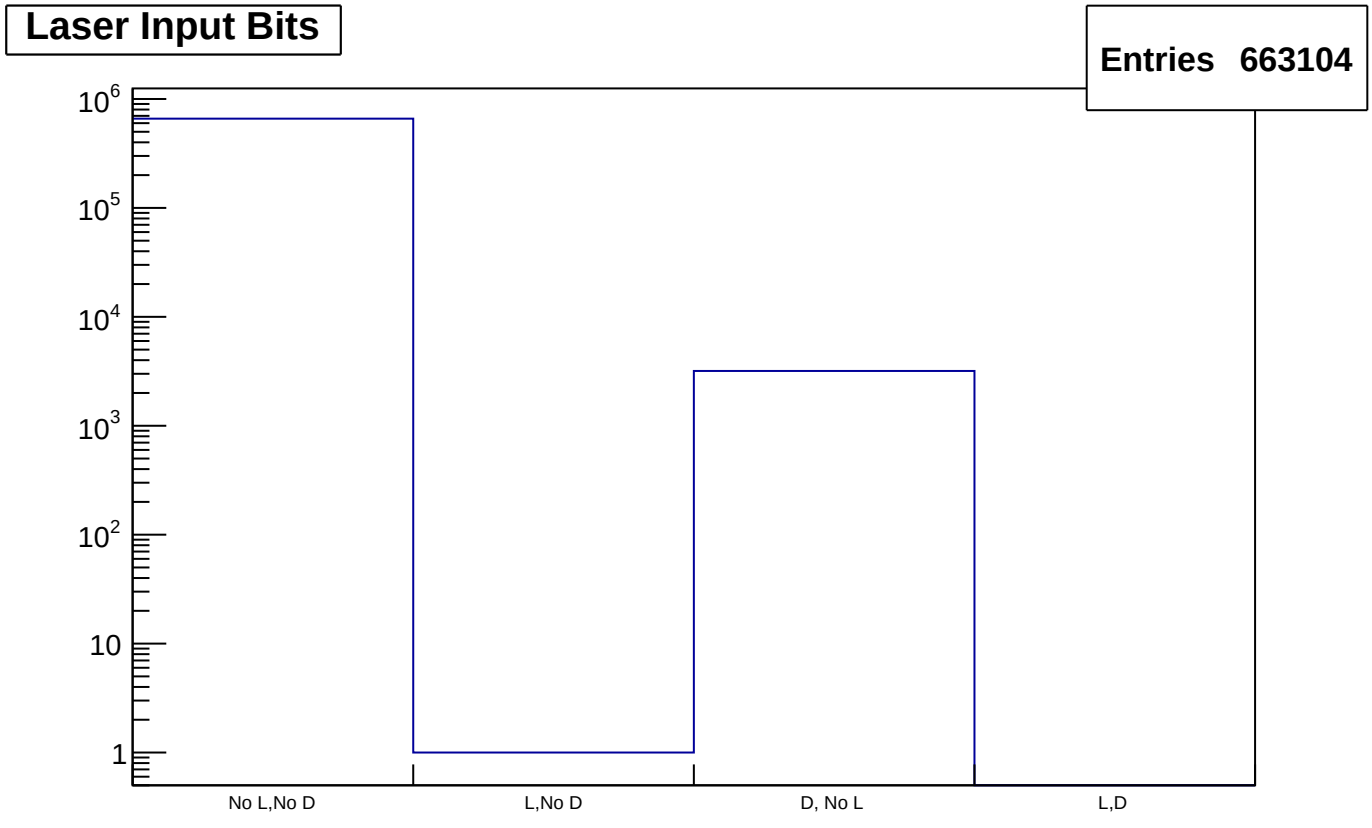

Entries 663104
TOF_Mult
VPD-West ADC Sum

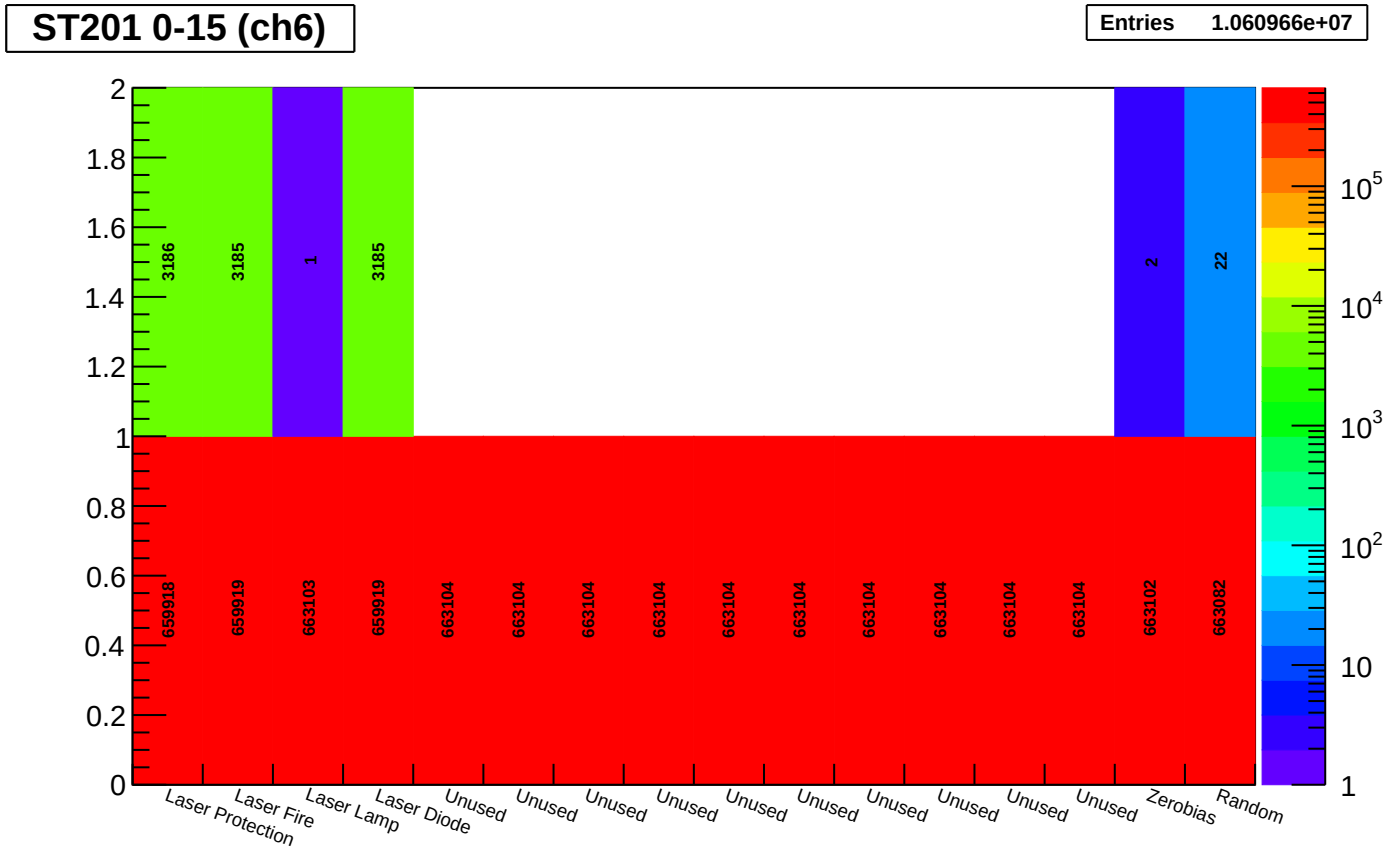

Entries 663104
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

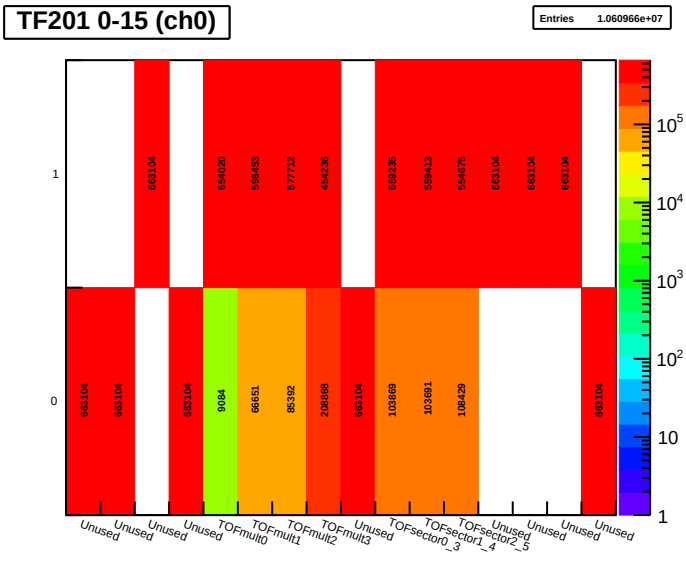

Entries 663104
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

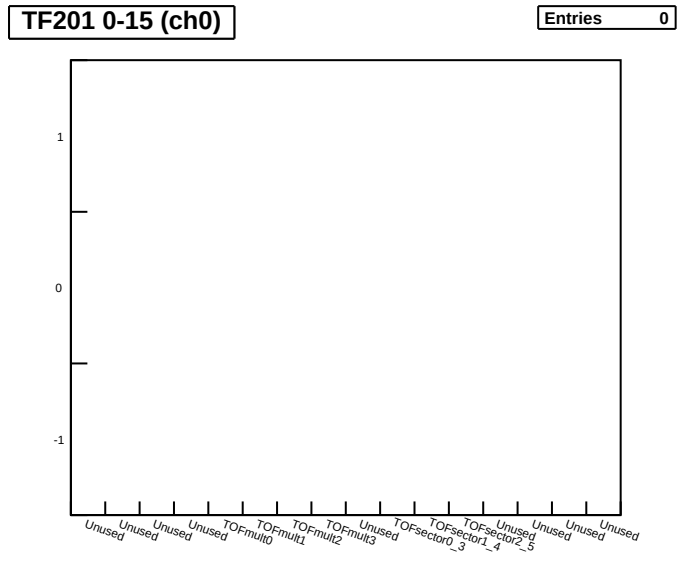

Entries 663104
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

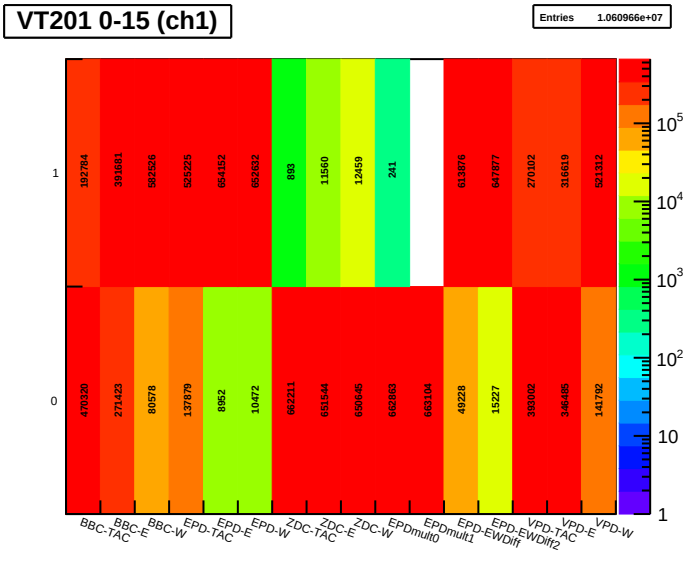

Entries 663104
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

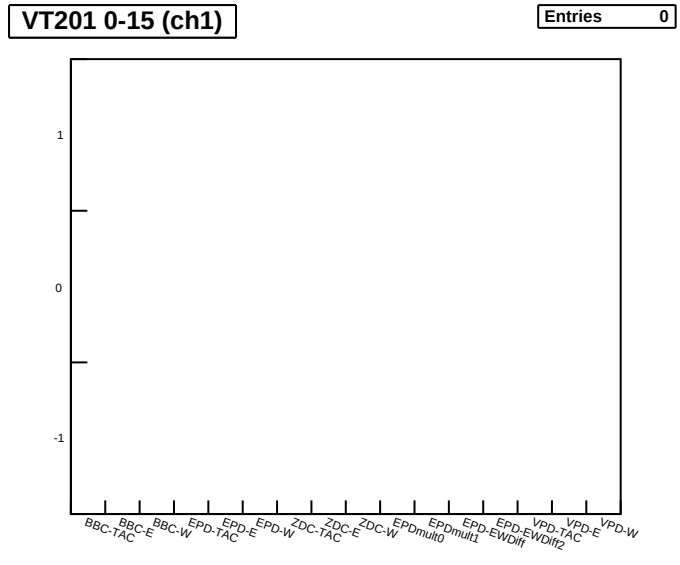

Laser Input Bits
Entries 663104
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

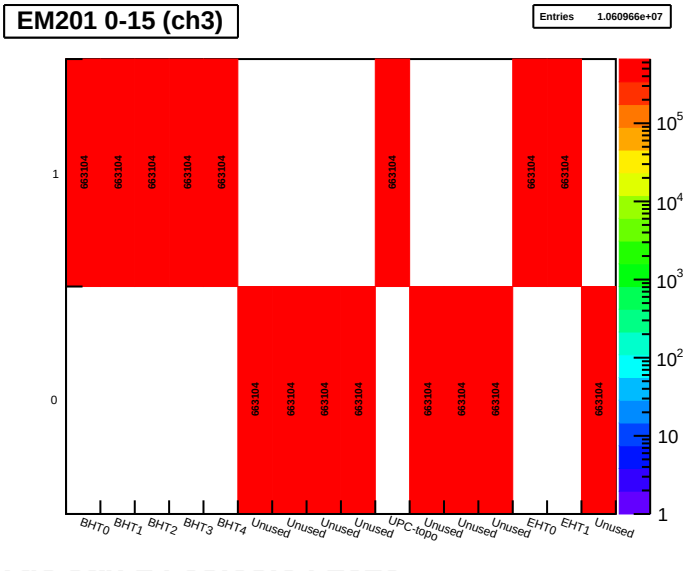

ST201 0-15 (ch6)
Entries 1.060966e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3186
3185
1
3185
2
22
659918
659919
663103
659919
663104
663104
663104
663104
663104
663104
663104
663104
663104
663104
663102
663082
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

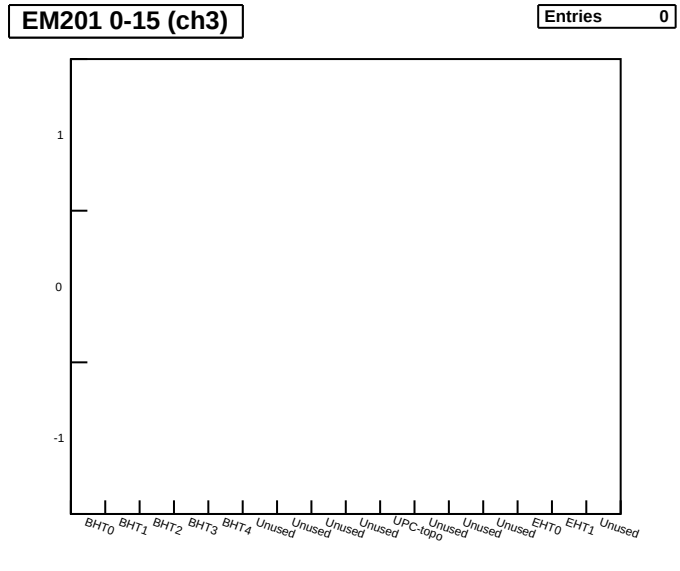

TF201 0-15 (ch0)
Entries 1.060966e+07
663104 654020 596453 577712 454236 559235 559413 554675 663104 663104 663104
663104 663104 663104 9084 66651 85392 208868 663104 103869 103691 108429 663104
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 1.060966e+07
192784 391681 592526 525225 654152 652632 893 11560 12459 241 613876 647877 270102 316619 521312
470320 271423 80578 137879 8952 10472 662211 651544 650645 662863 663104 49228 15227 393002 346485 141792
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


VT201 0-15 (ch1)
Entries 0
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 1.060966e+07
663104 663104 663104 663104 663104 663104 663104 663104
663104 663104 663104 663104 663104 663104 663104 663104
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


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