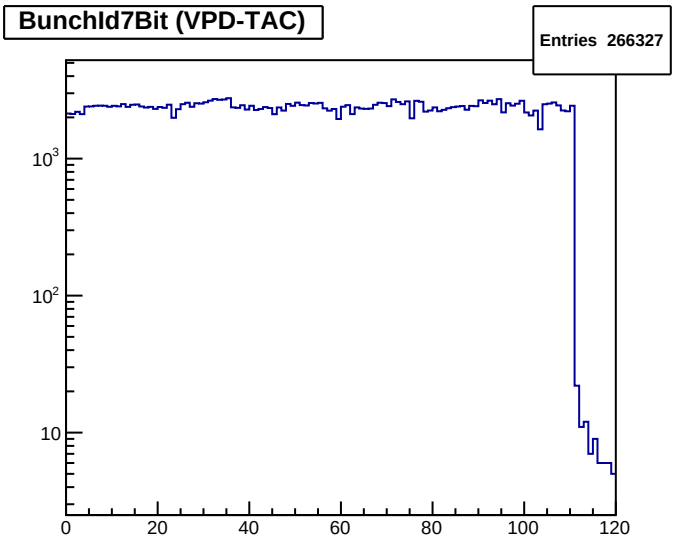
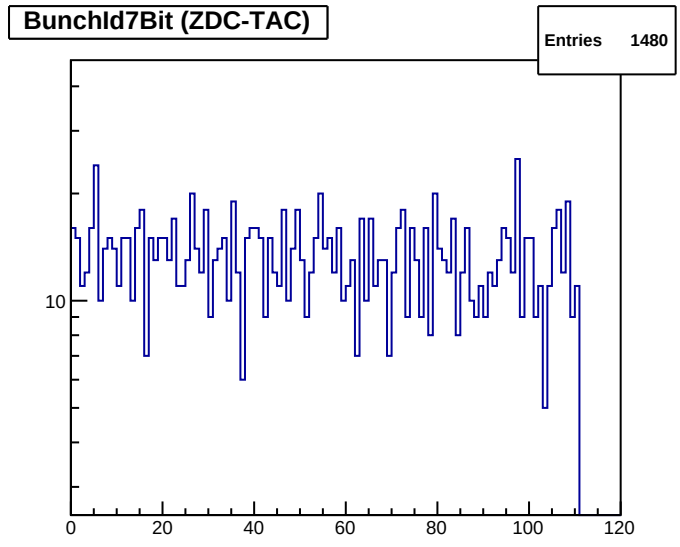
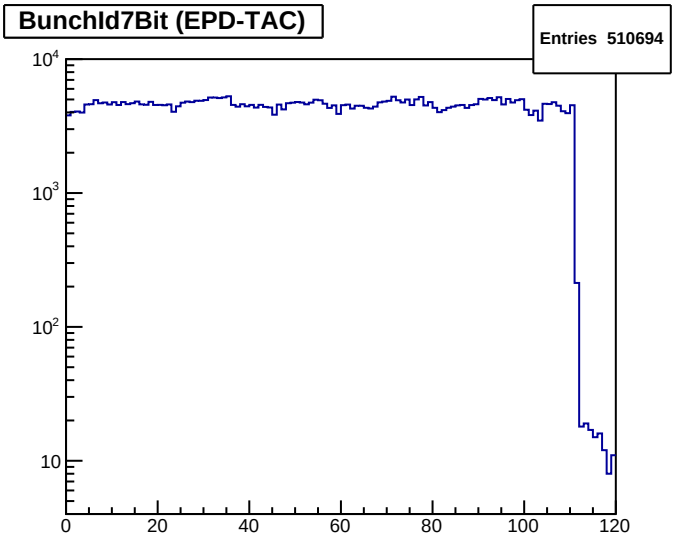
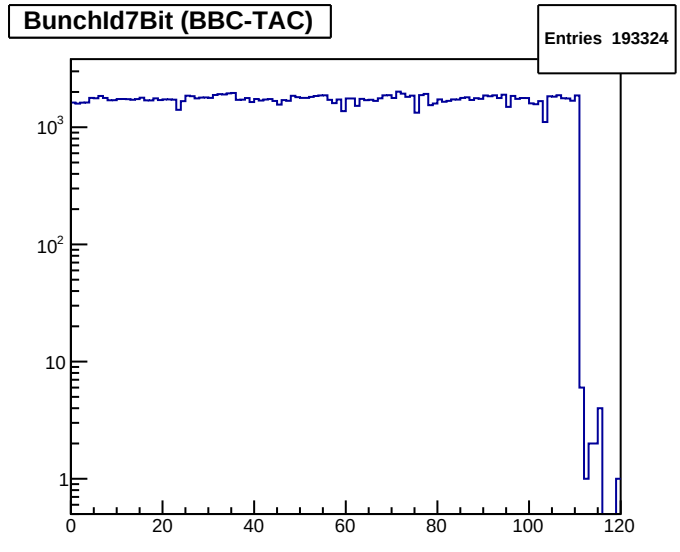
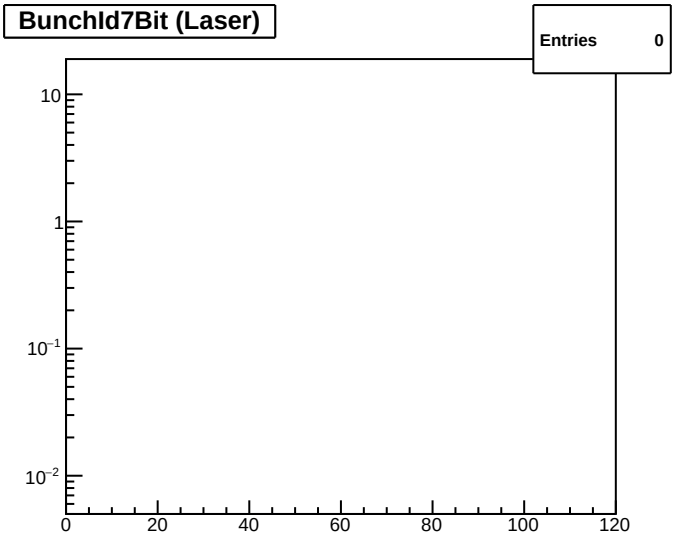
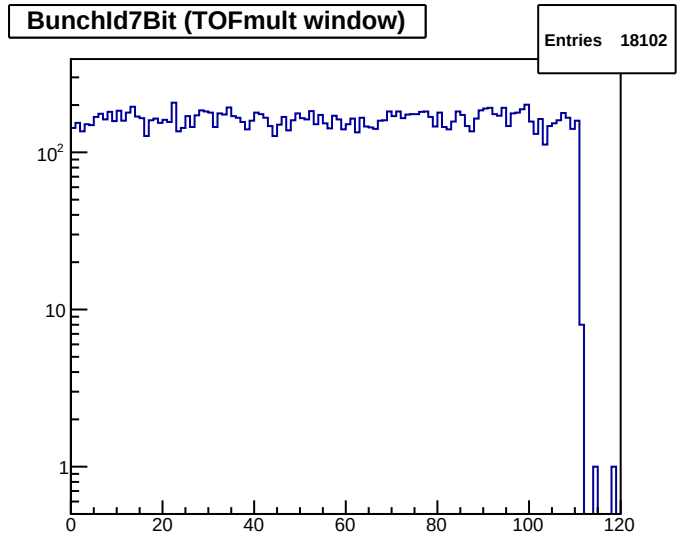

BunchId7Bit (VPD-TAC)
Entries 266327

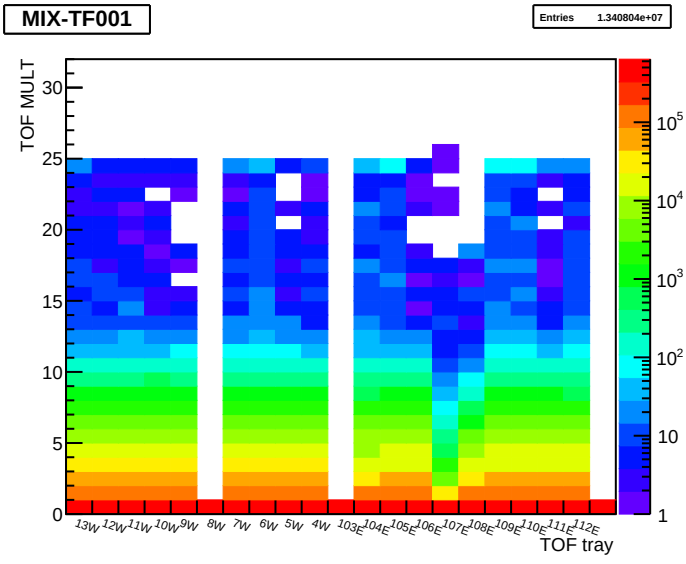

BunchId7Bit (ZDC-TAC)
Entries 1480

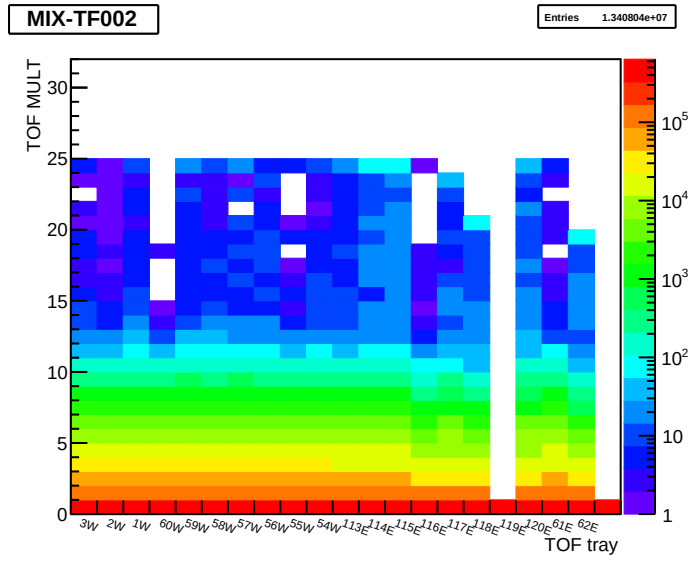

BunchId7Bit (EPD-TAC)
Entries 510694

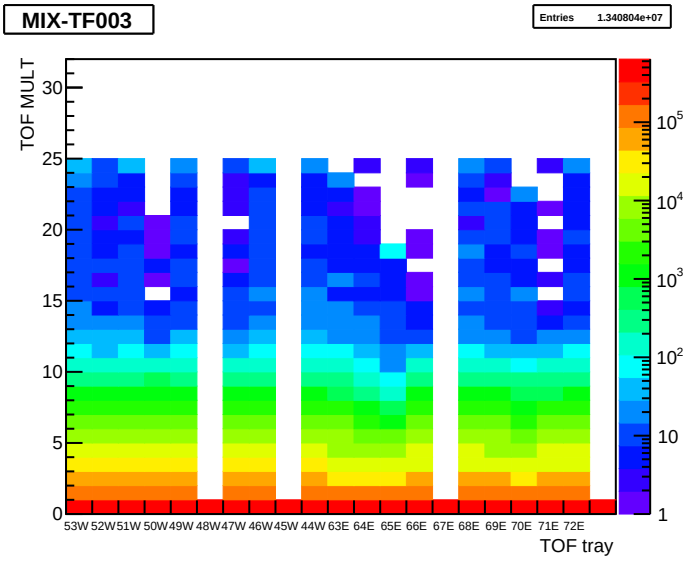

BunchId7Bit (BBC-TAC)
Entries 193324

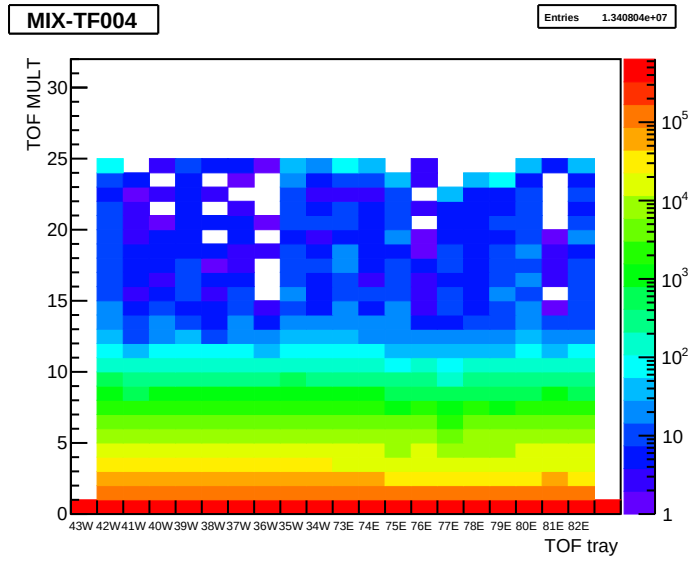

BunchId7Bit (Laser)
Entries 0

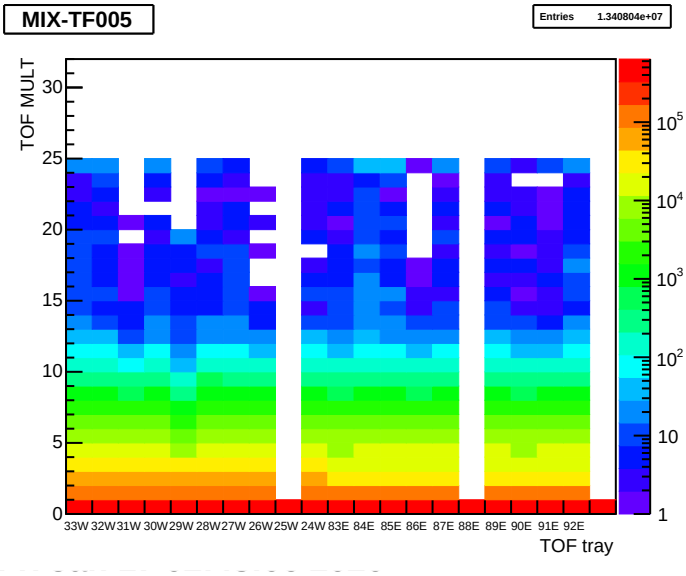

BunchId7Bit (TOFmult window)
Entries 18102

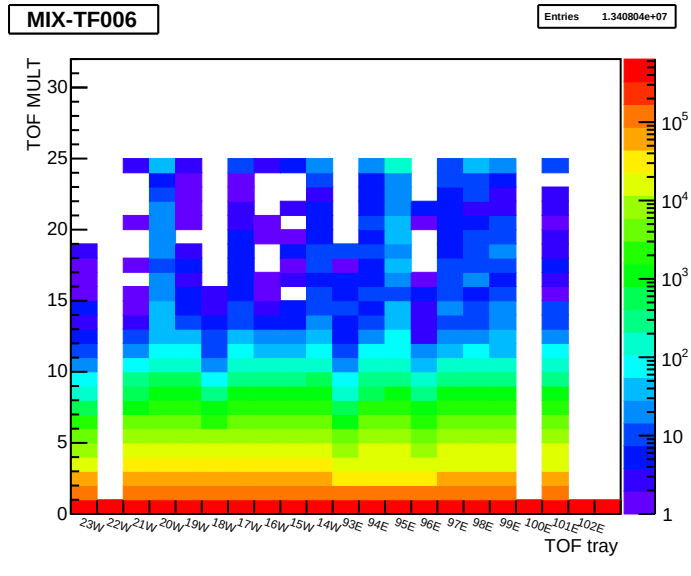

MIX-TF001
Entries 1.340804e+07
TOF MULT
TOF tray

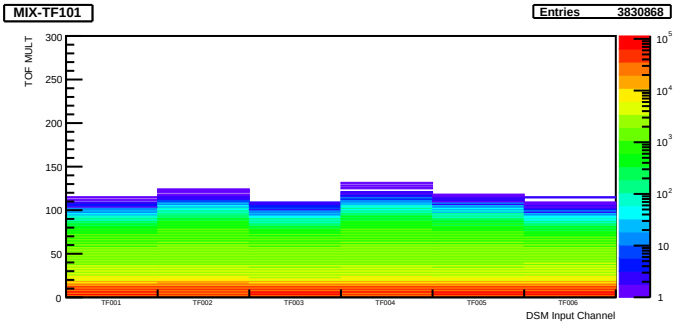

MIX-TF002
Entries 1.340804e+07
TOF MULT
TOF tray

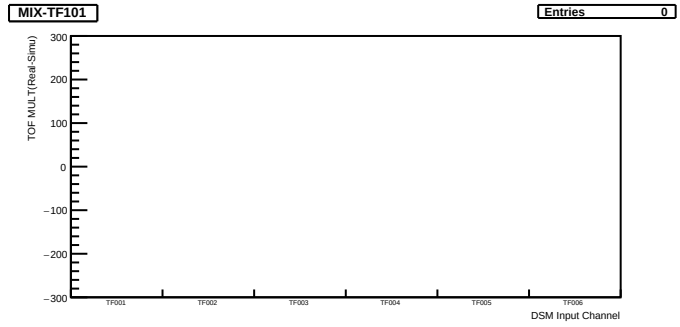

MIX-TF003
Entries 1.340804e+07
TOF MULT
TOF tray

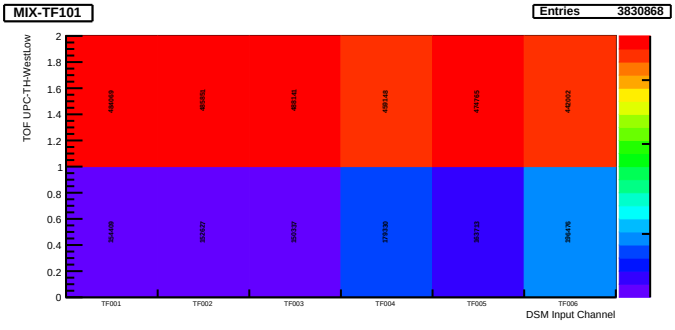

MIX-TF004
Entries 1.340804e+07
TOF MULT
TOF tray

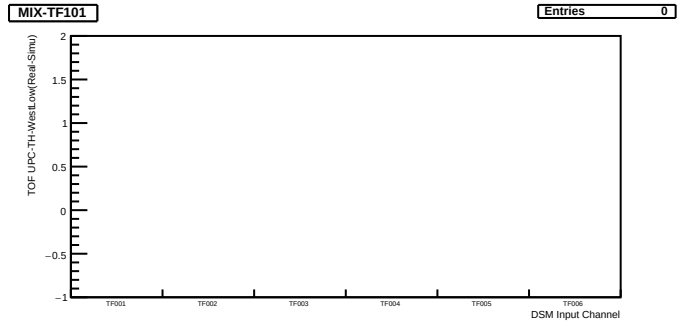

MIX-TF005
Entries 1.340804e+07
TOF MULT
TOF tray

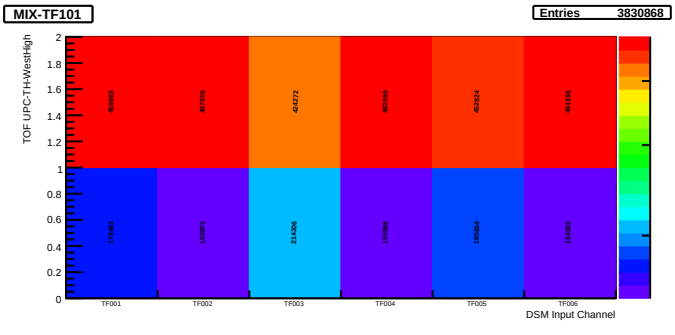

MIX-TF006
Entries 1.340804e+07
TOF MULT
TOF tray

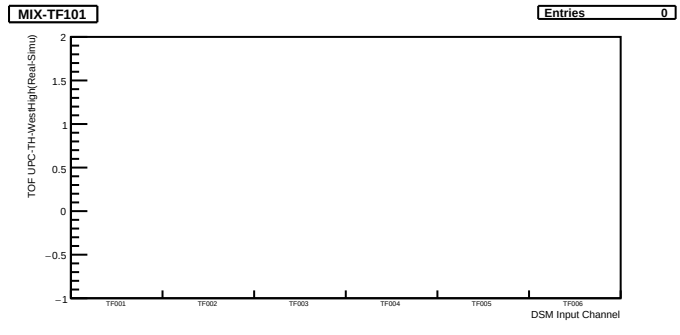

MIX-TF101
Entries 3830868
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

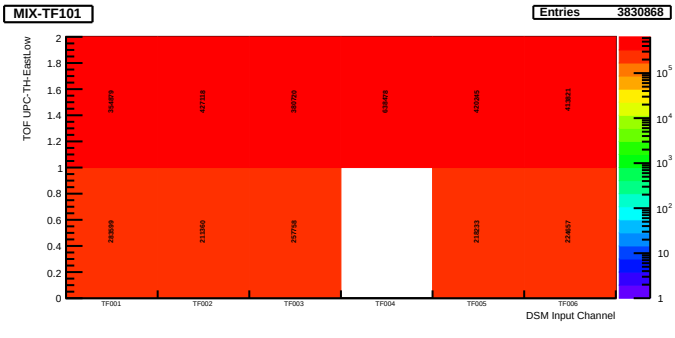

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

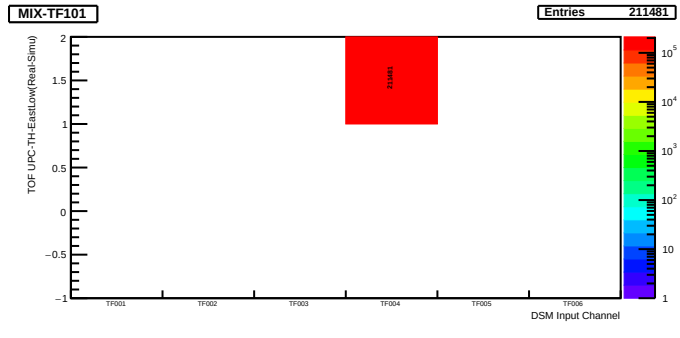

MIX-TF101
Entries 3830868
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

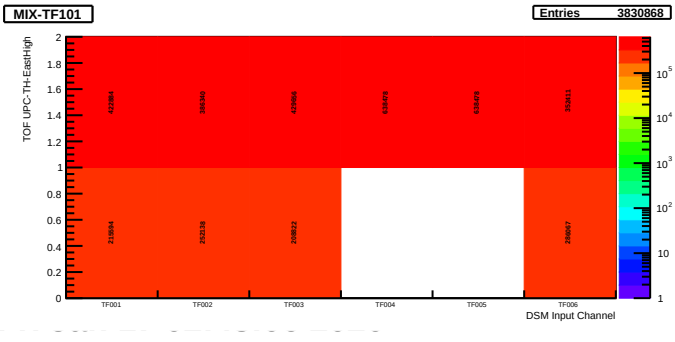

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

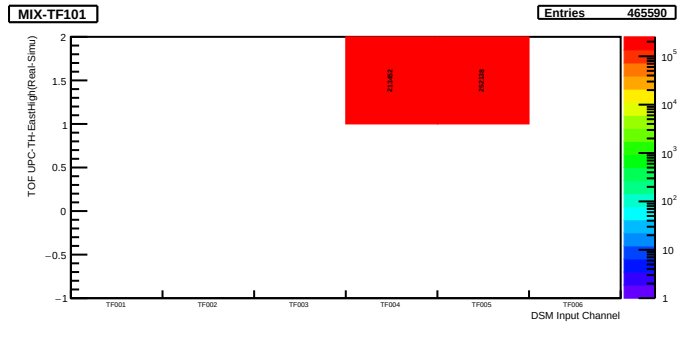

MIX-TF101
Entries 3830868
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

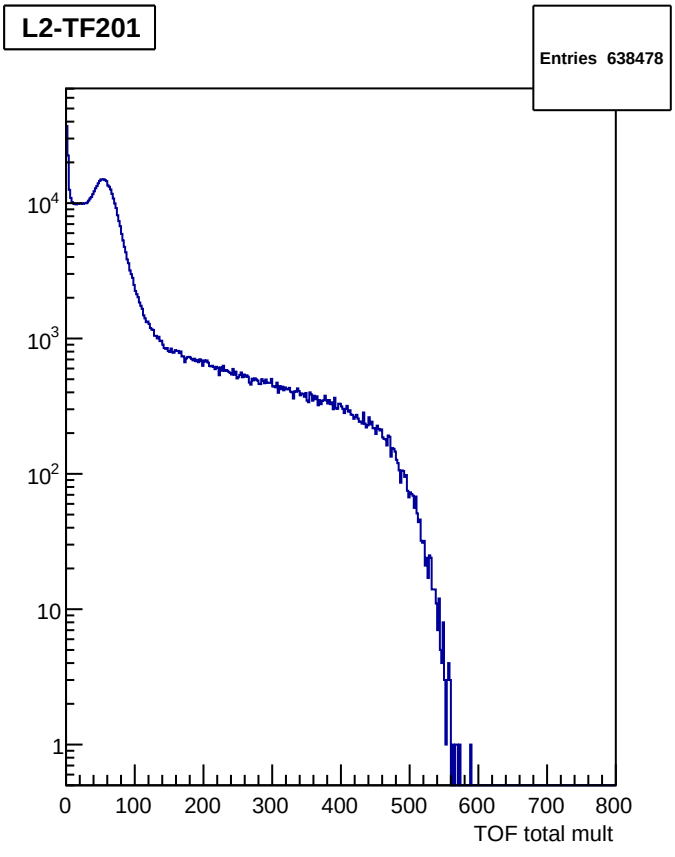

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

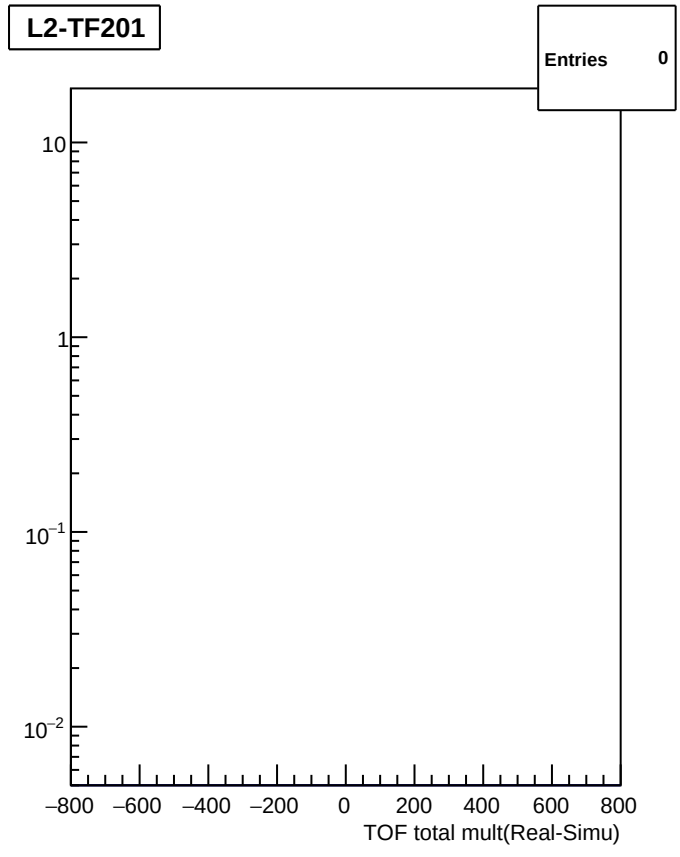

MIX-TF101
Entries 3830868
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

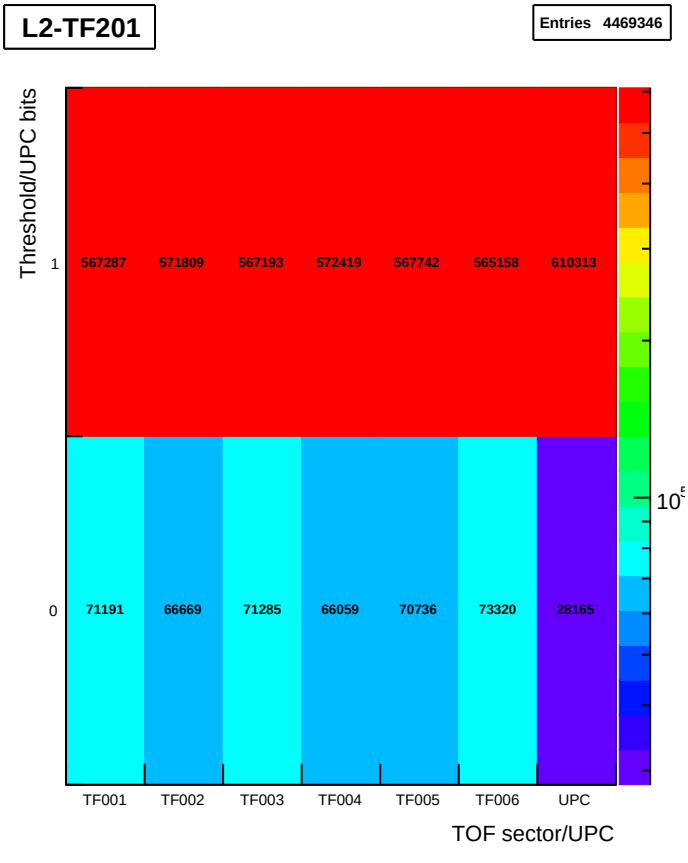

MIX-TF101
Entries 211481
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

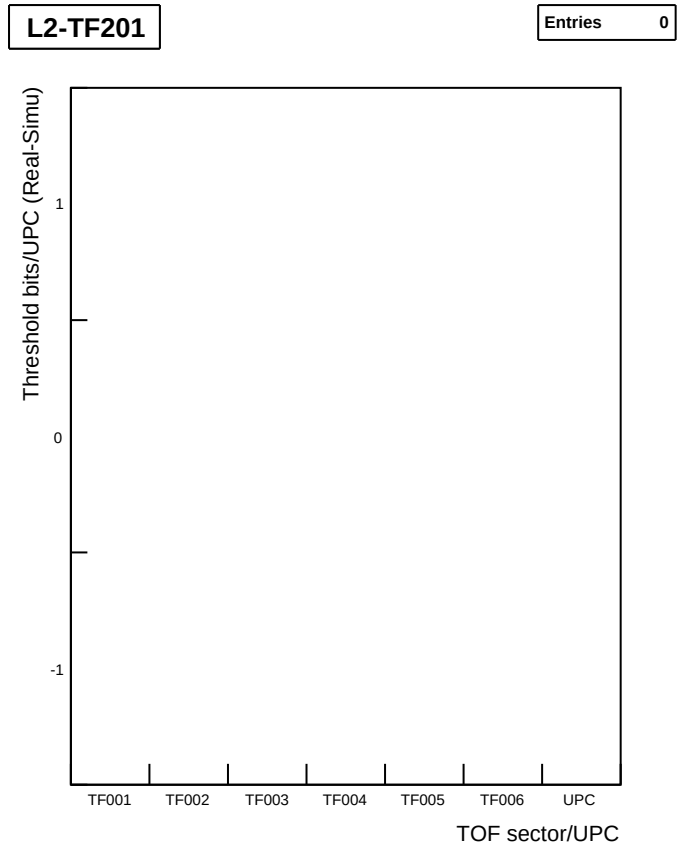

MIX-TF101
Entries 3830868
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

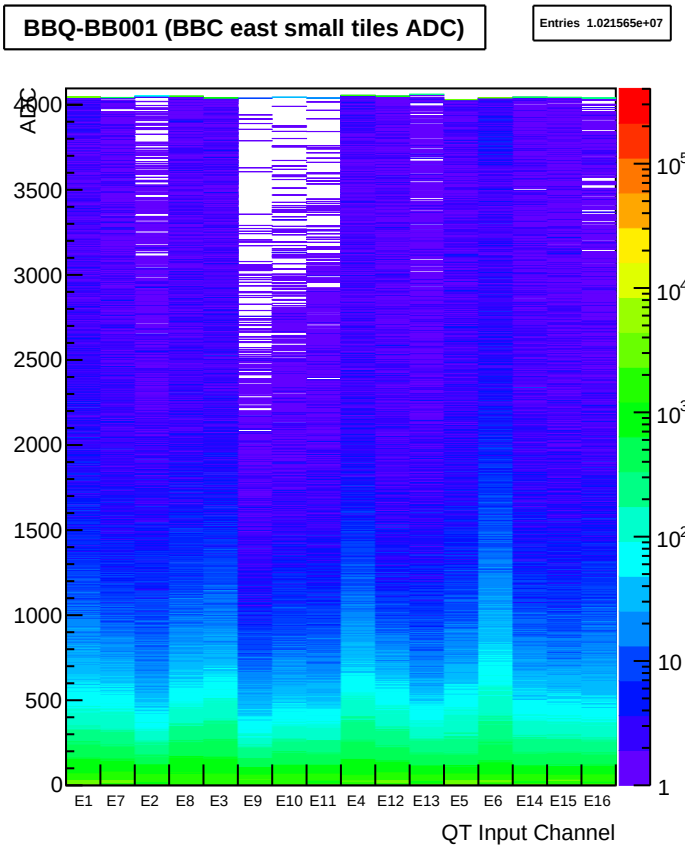

MIX-TF101
Entries 465590
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

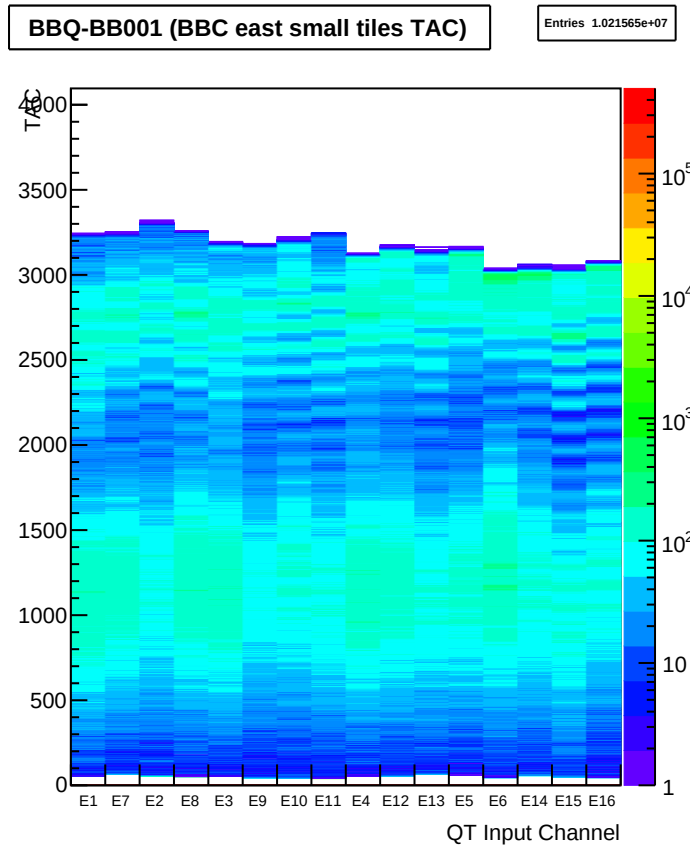

L2-TF201
Entries 638478
TOF total mult

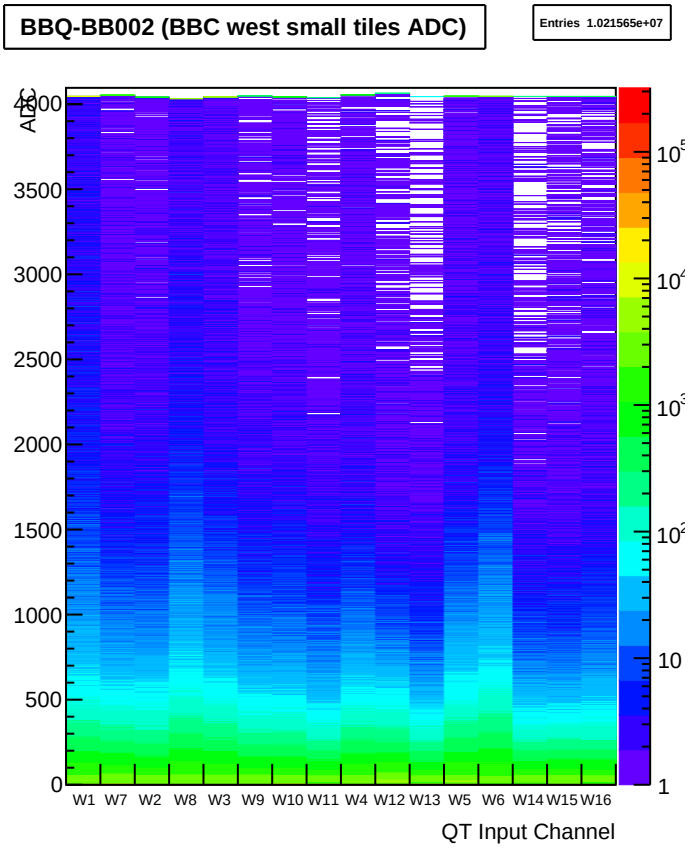

L2-TF201
Entries 0
TOF total mult(Real-Simu)

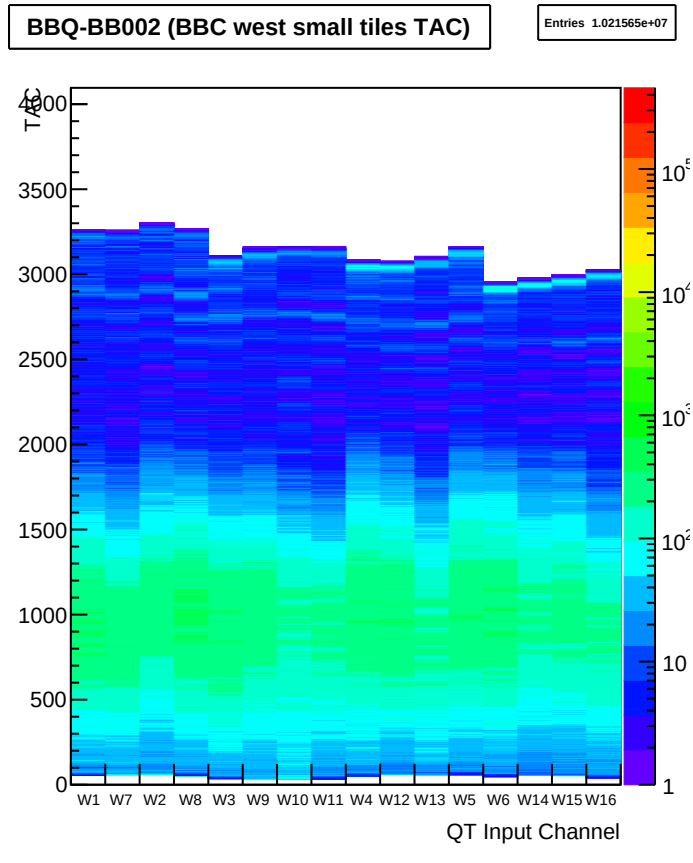

L2-TF201
Entries 4469346
Threshold/UPC bits
567287
571809
567193
572419
567742
565158
610313
71191
66669
71285
66059
70736
73320
28165
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

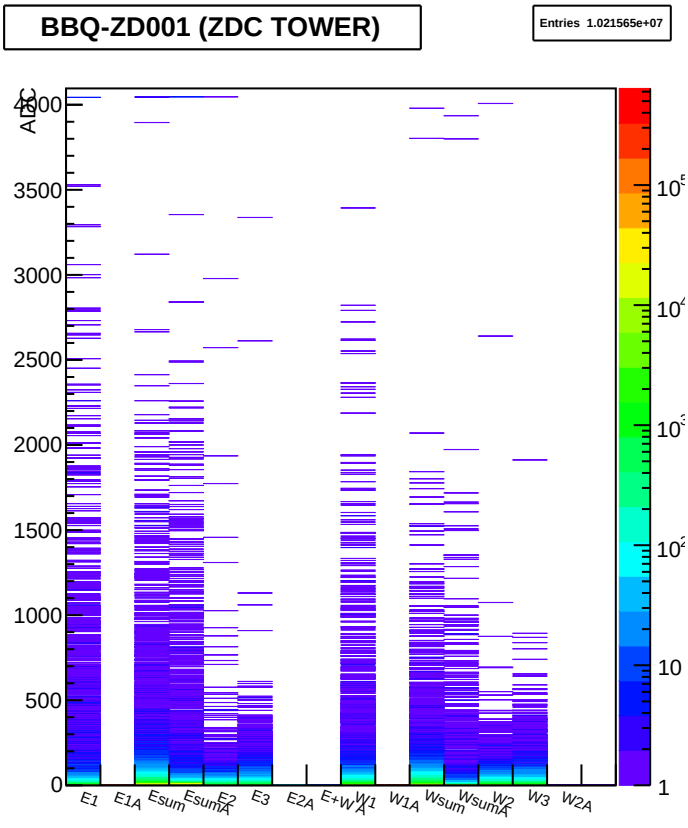

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

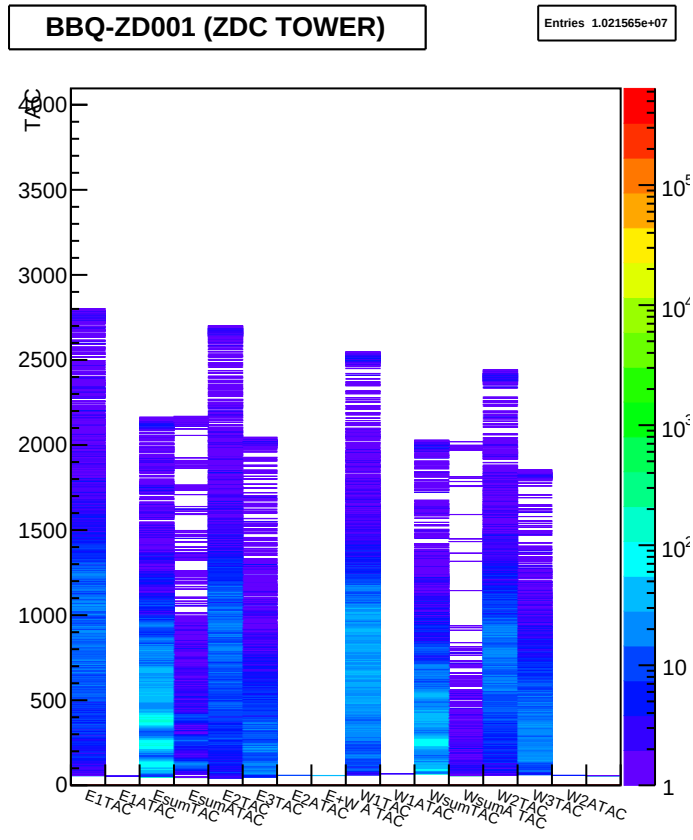

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.021565e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

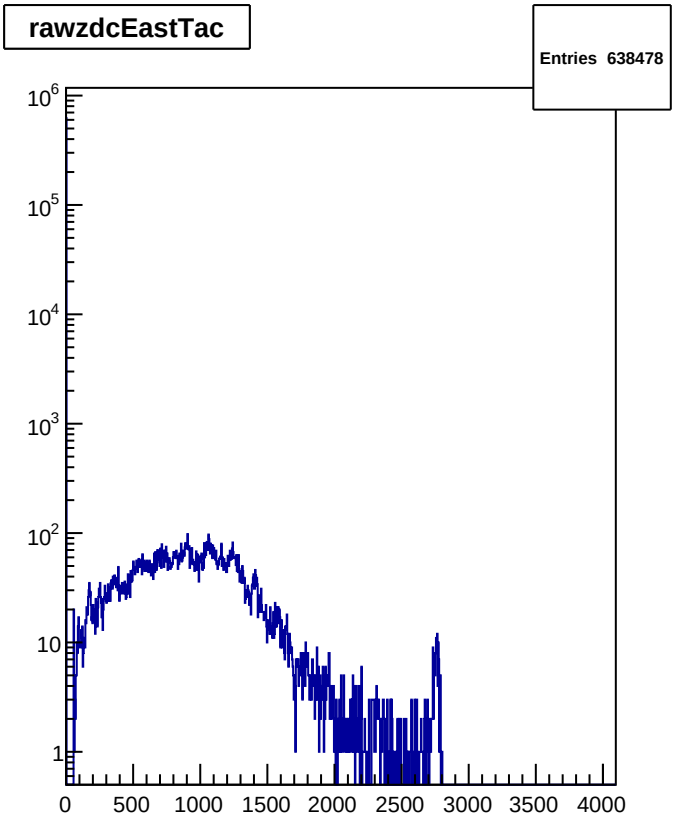

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.021565e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

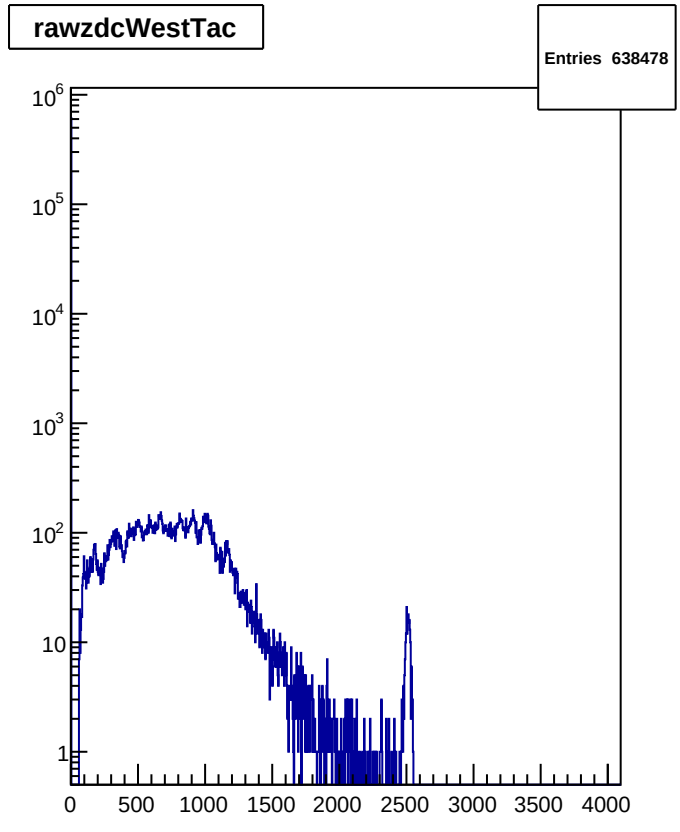

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.021565e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

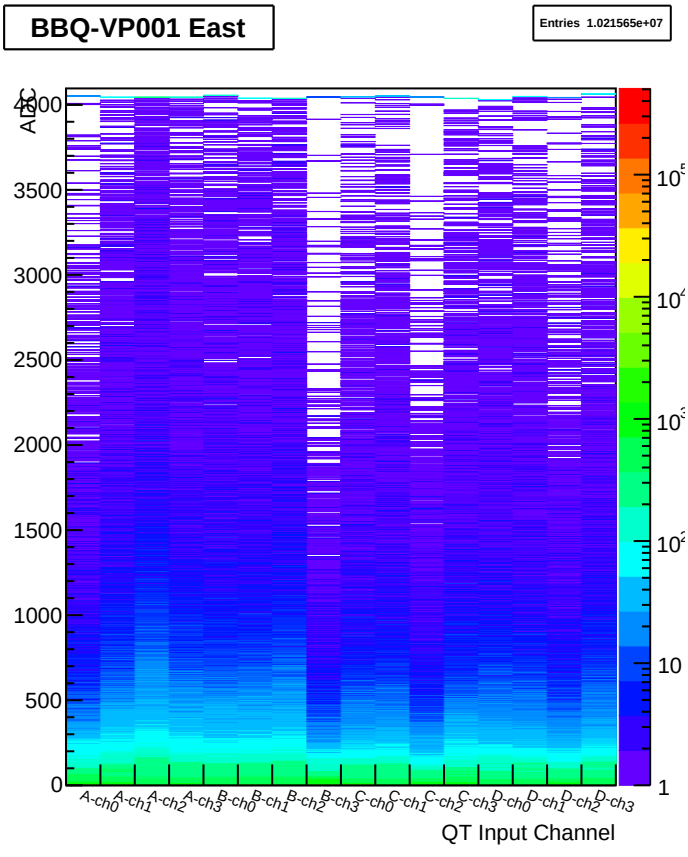

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.021565e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

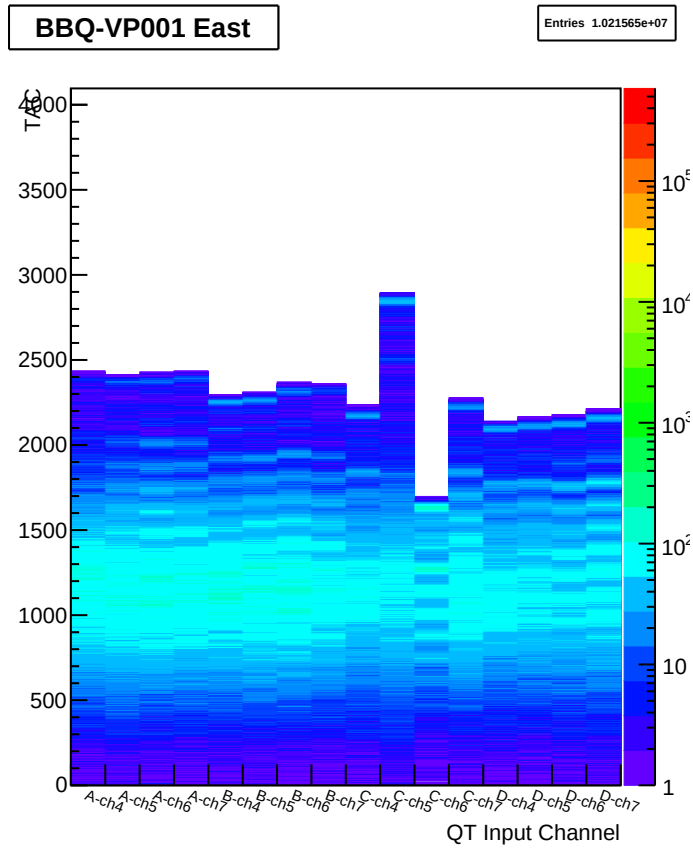

BBQ-ZD001 (ZDC TOWER)
Entries 1.021565e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

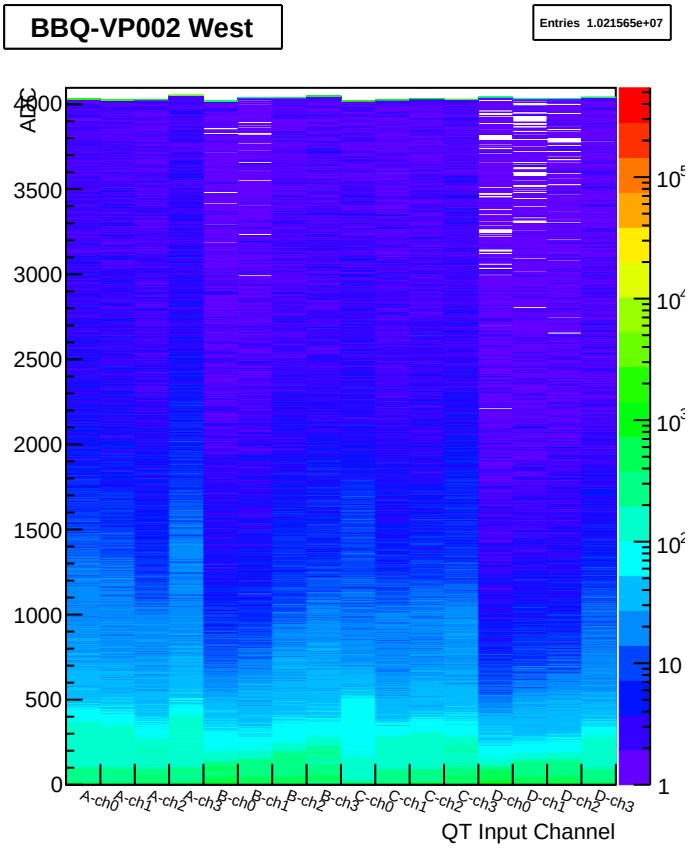

BBQ-ZD001 (ZDC TOWER)
Entries 1.021565e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

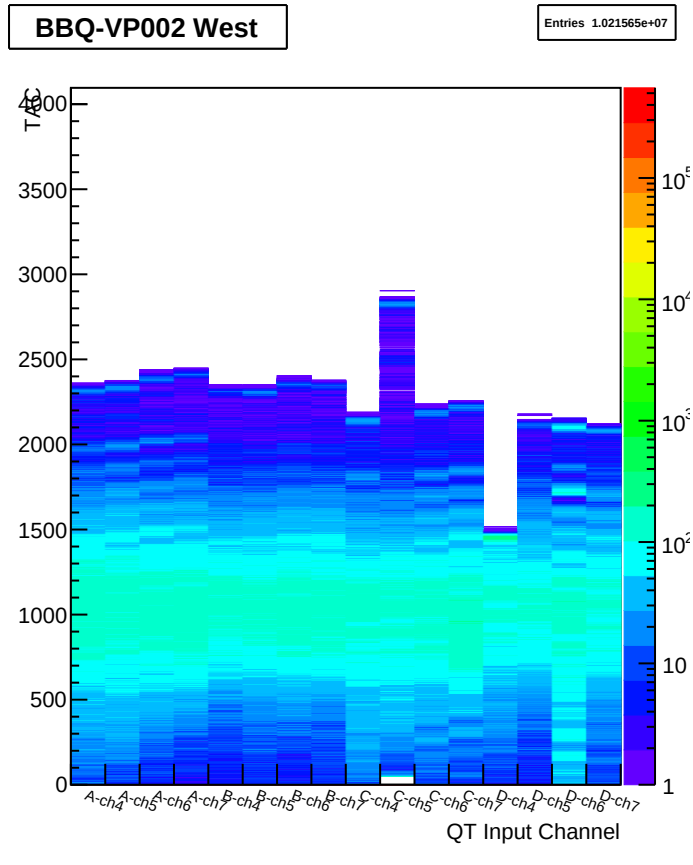

rawzdcEastTac
Entries 638478

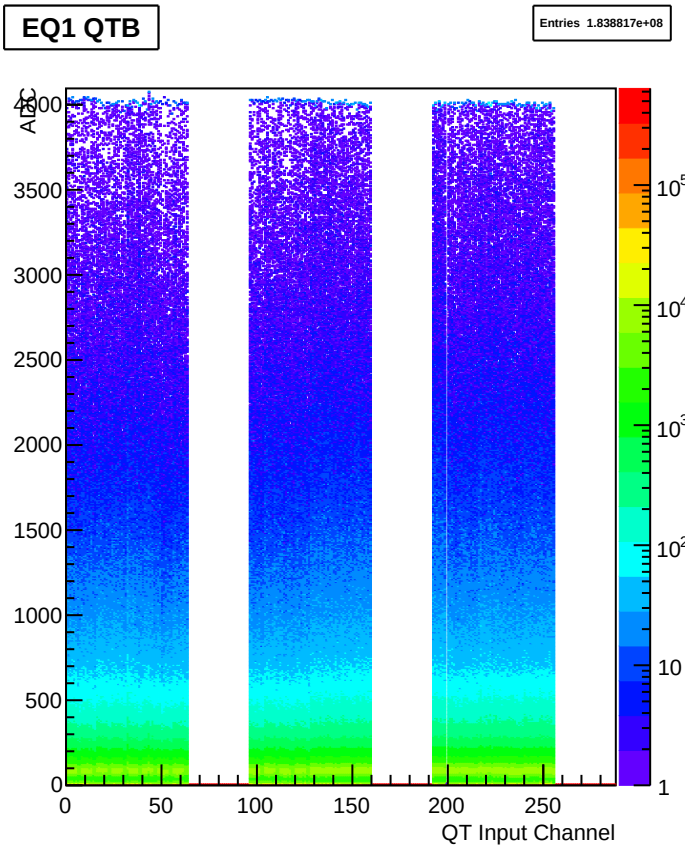

rawzdcWestTac
Entries 638478

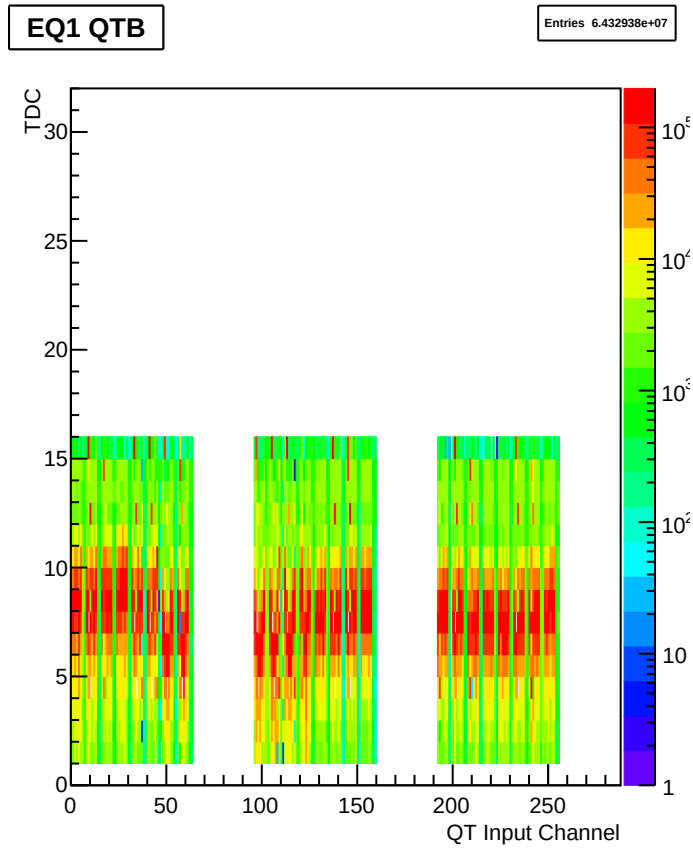

BBQ-VP001 East
Entries 1.021565e+07
ADC
QT Input Channel

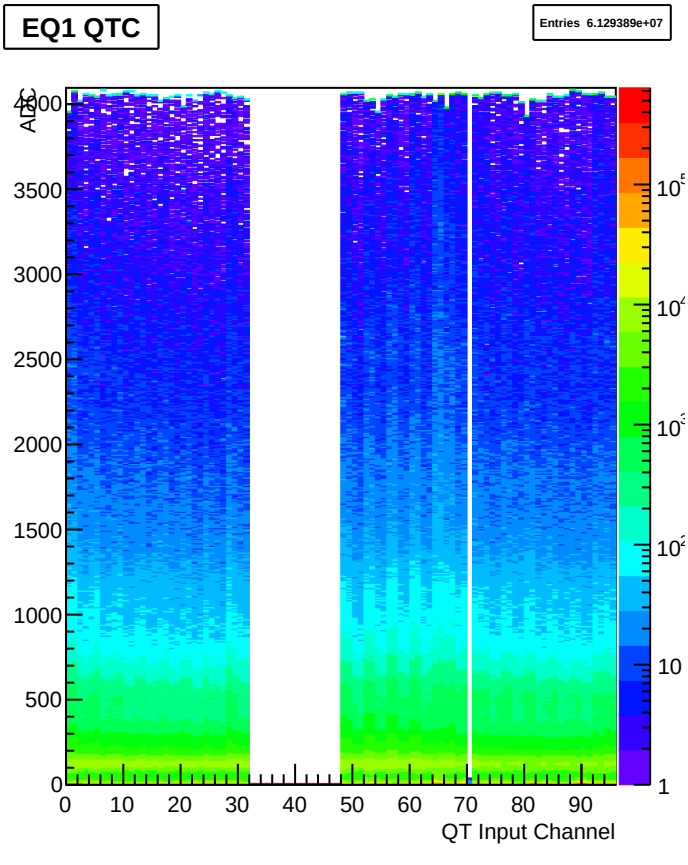

BBQ-VP001 East
Entries 1.021565e+07
TAC
QT Input Channel

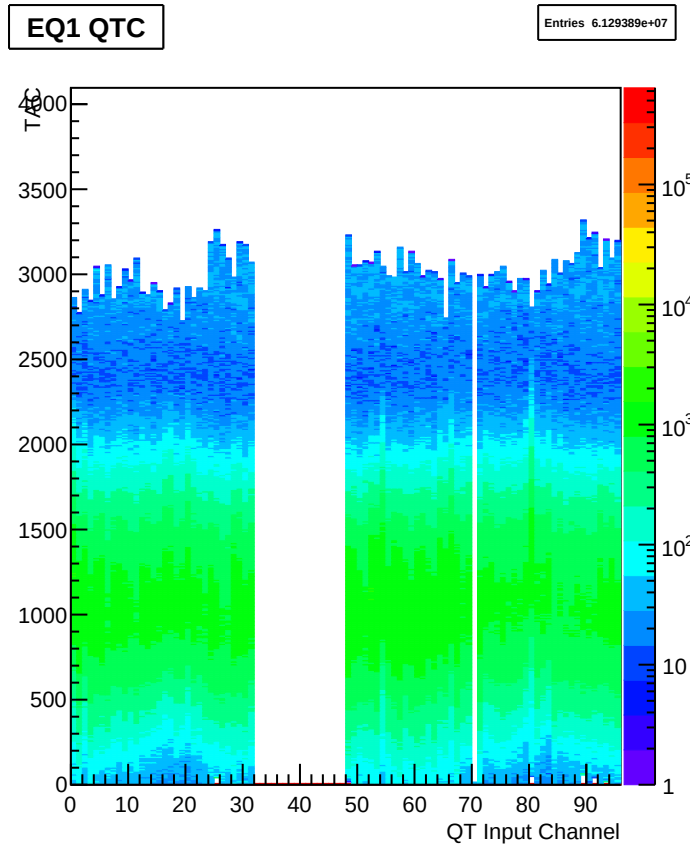

BBQ-VP002 West
Entries 1.021565e+07
ADC
QT Input Channel

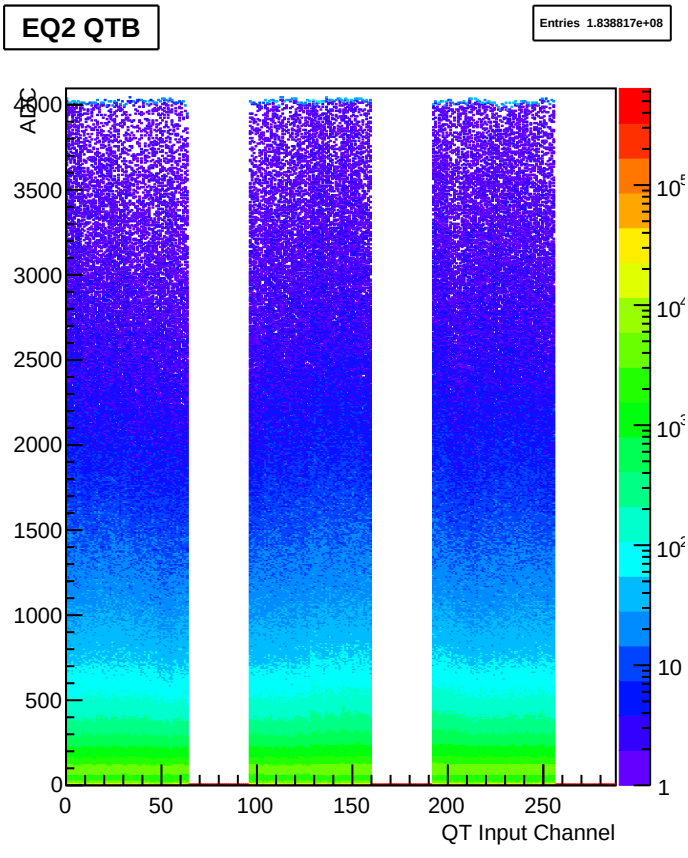

BBQ-VP002 West
Entries 1.021565e+07
TAC
QT Input Channel

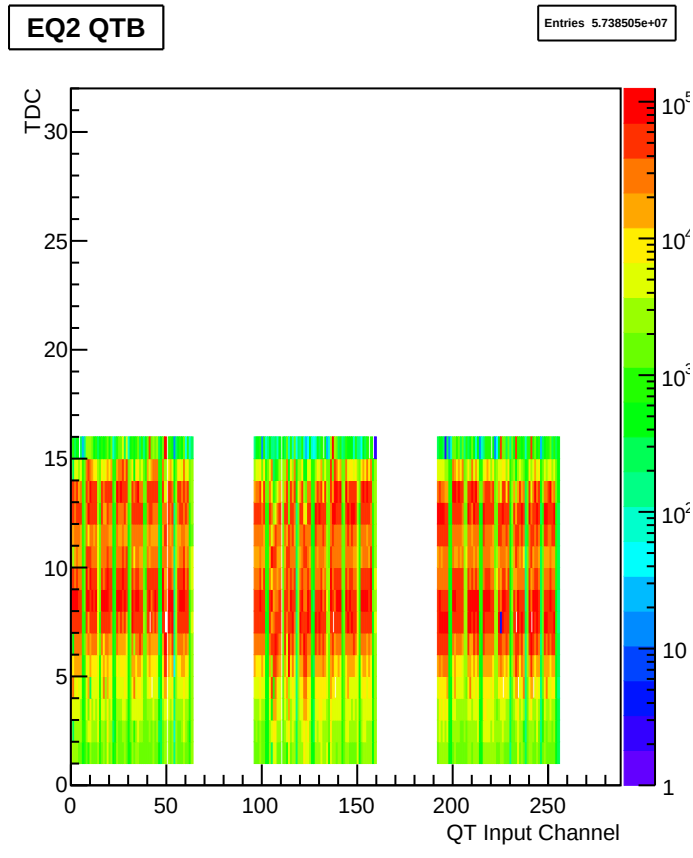

EQ1 QTB
Entries 1.838817e+08
ADC
QT Input Channel

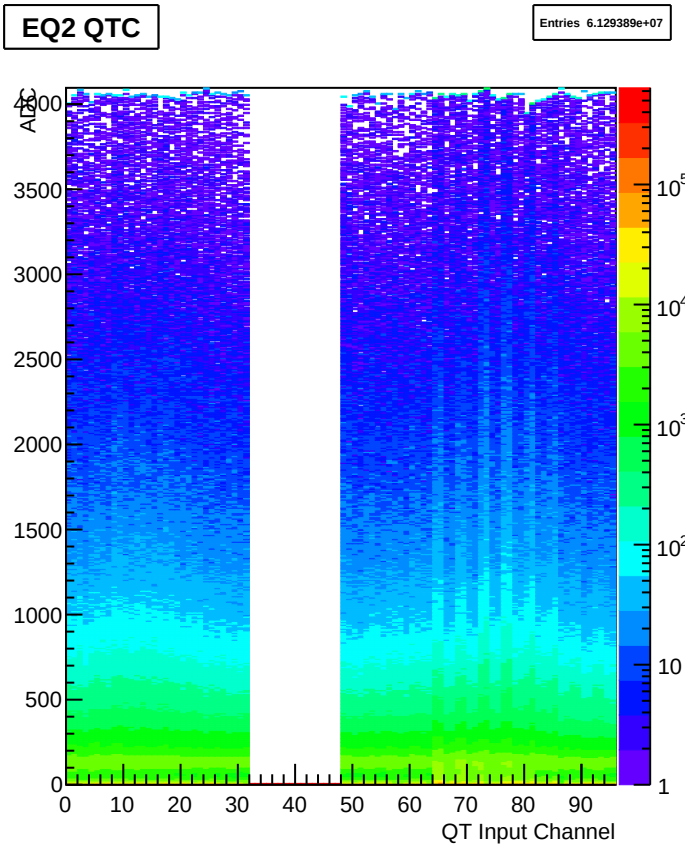

EQ1 QTB
Entries 6.432938e+07
TDC
QT Input Channel

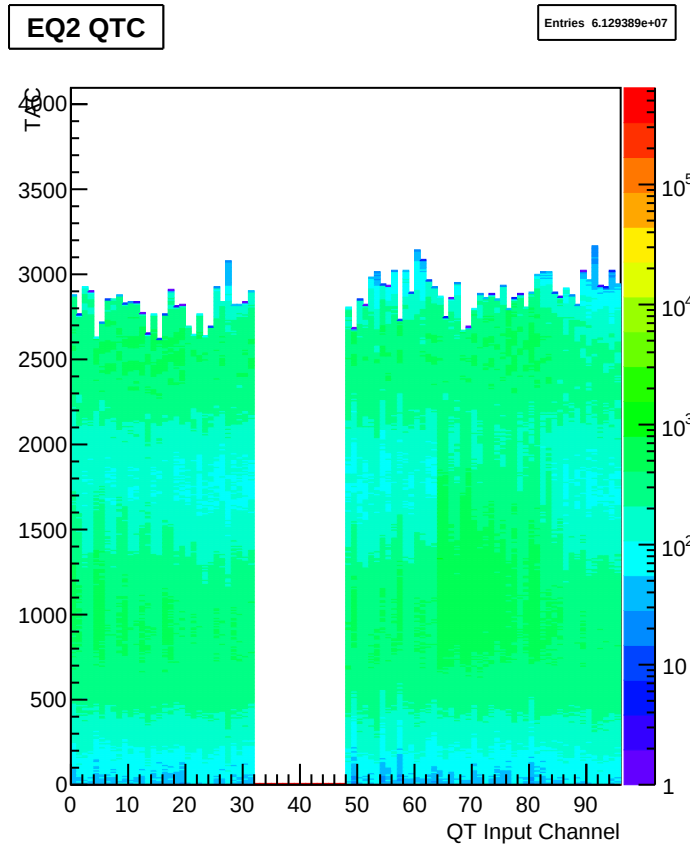

EQ1 QTC
Entries 6.129389e+07
ADC
QT Input Channel

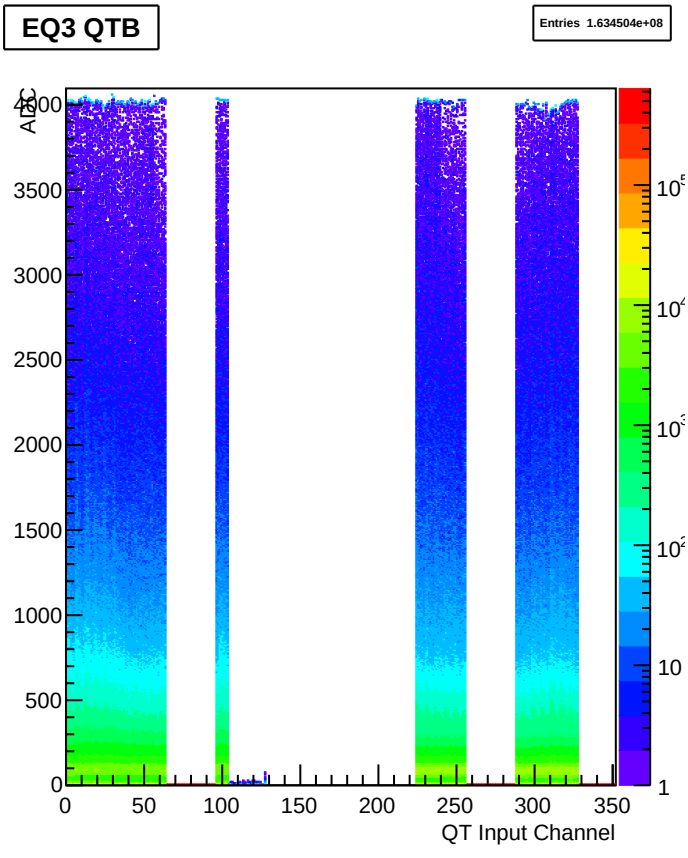

EQ1 QTC
Entries 6.129389e+07
TADC
QT Input Channel

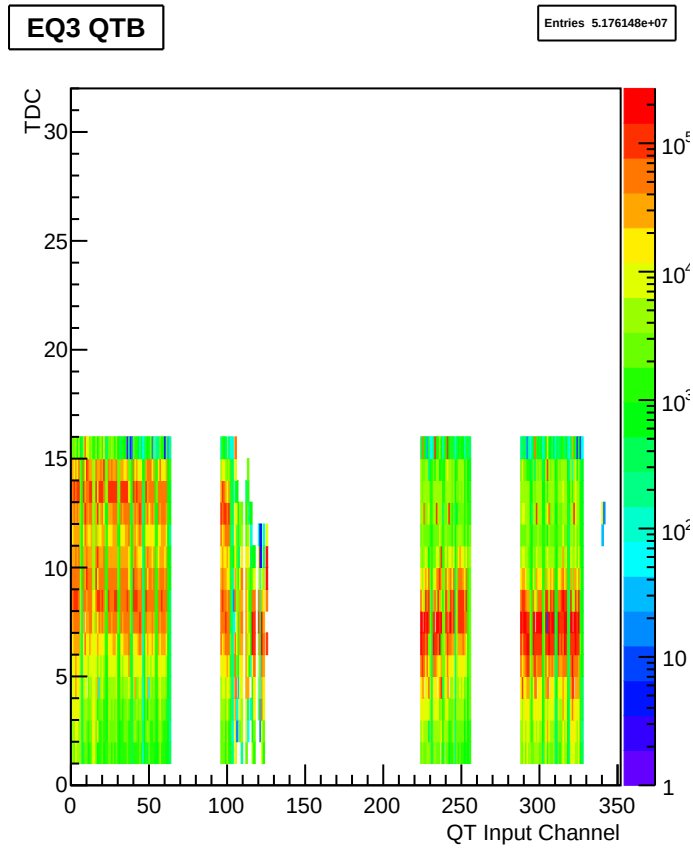

EQ2 QTB
Entries 1.838817e+08
ADC
QT Input Channel

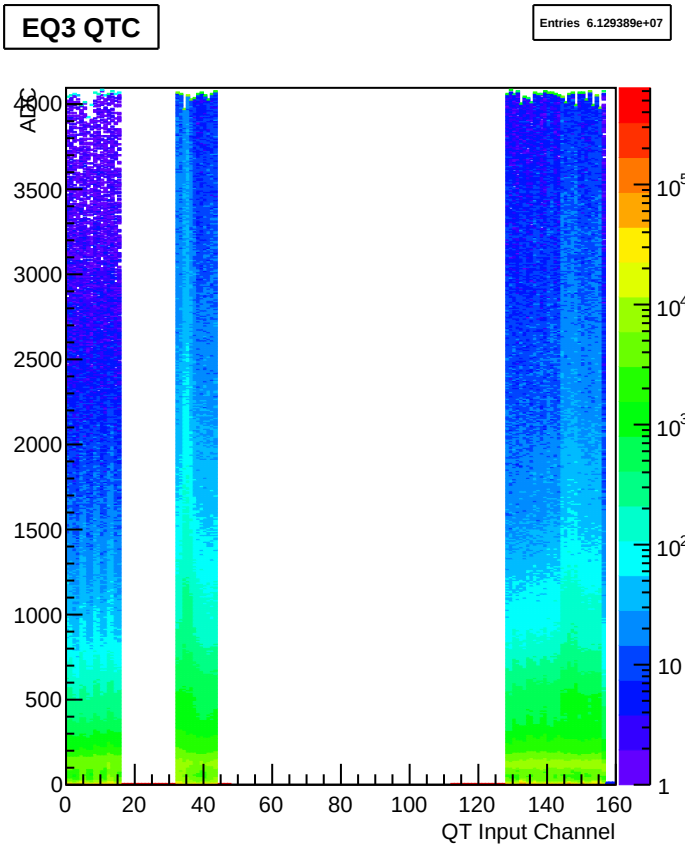

EQ2 QTB
Entries 5.738505e+07
TDC
QT Input Channel

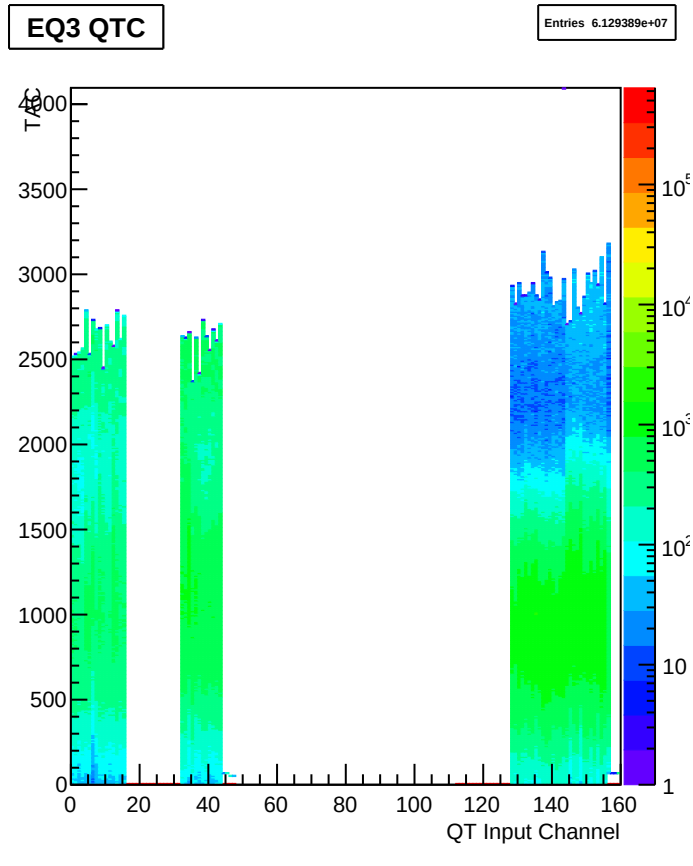

EQ2 QTC
Entries 6.129389e+07
ADC
QT Input Channel

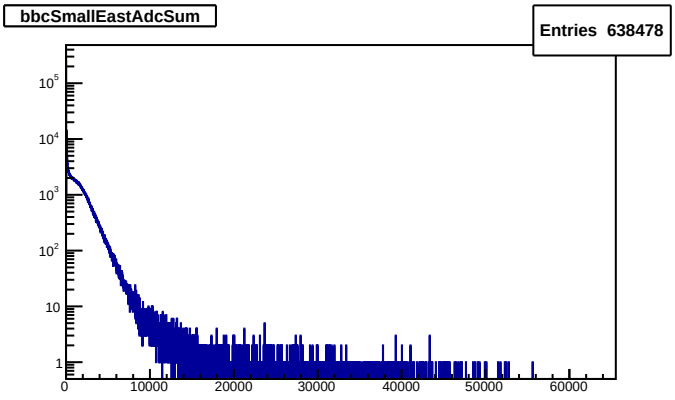

EQ2 QTC
Entries 6.129389e+07
TADC
QT Input Channel

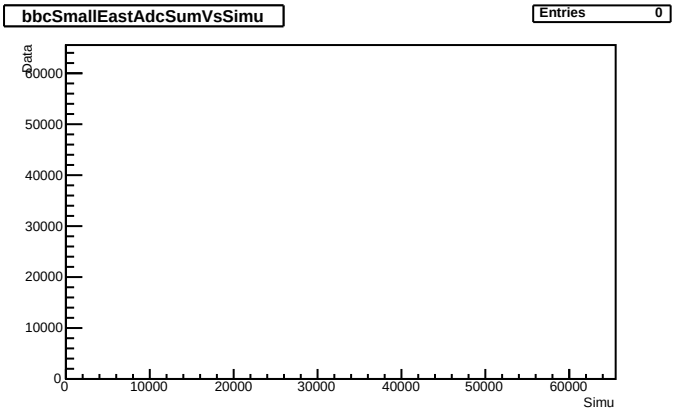

EQ3 QTB
Entries 1.634504e+08
ADC
QT Input Channel

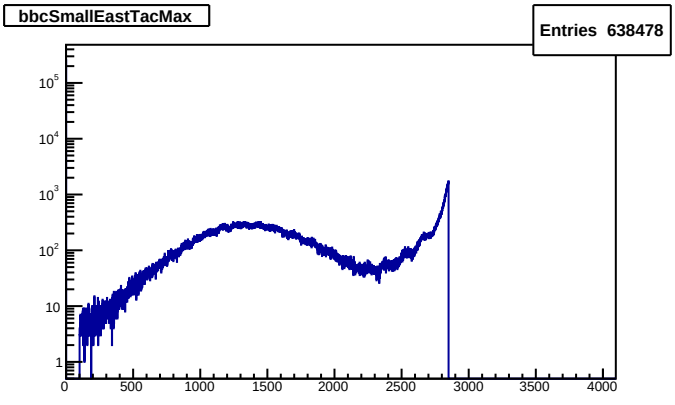

EQ3 QTB
Entries 5.176148e+07
TDC
QT Input Channel

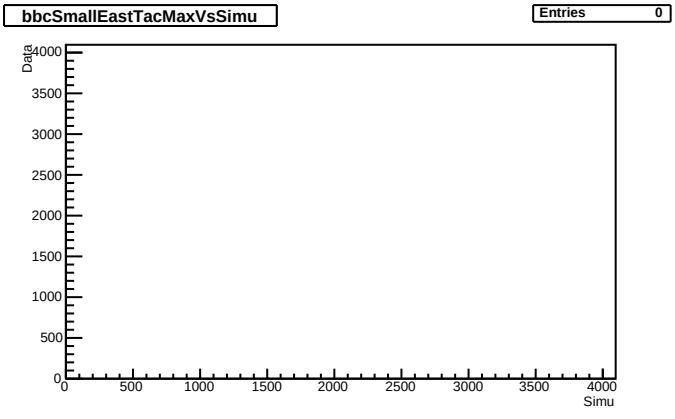

EQ3 QTC
Entries 6.129389e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.129389e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 638478


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 638478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Entries 0
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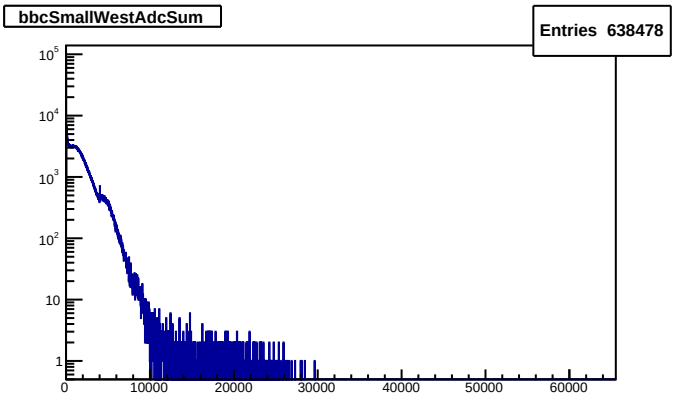
Simu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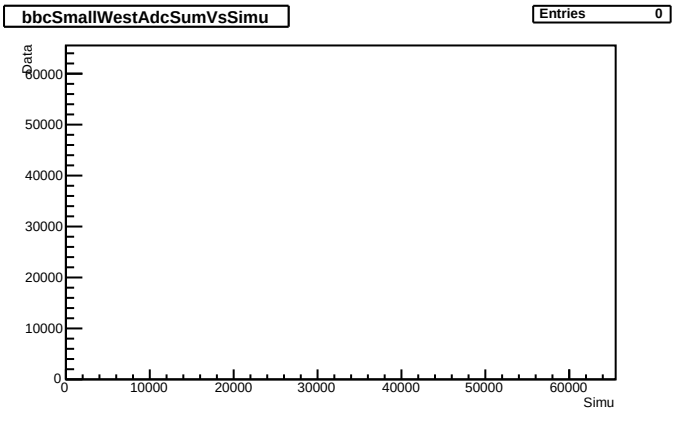
Entries 638478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Entries 0
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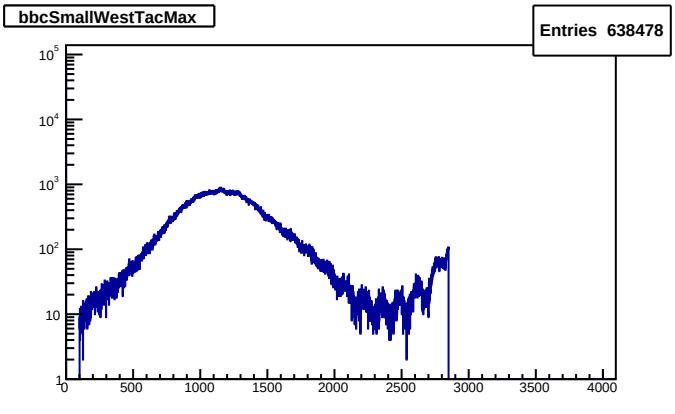
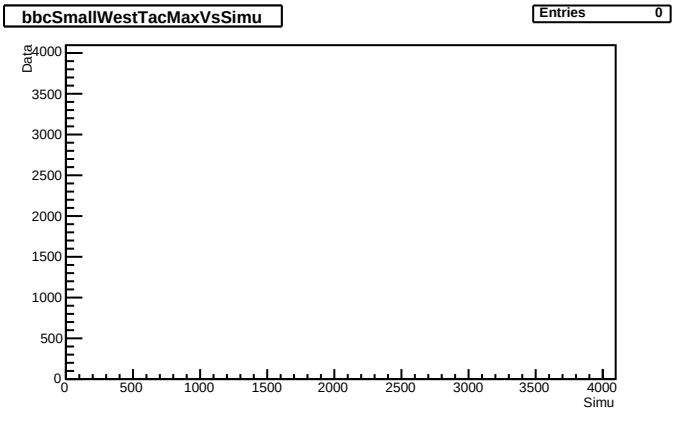
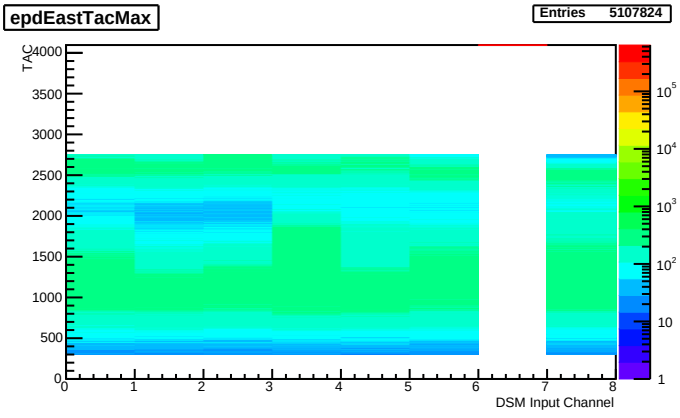
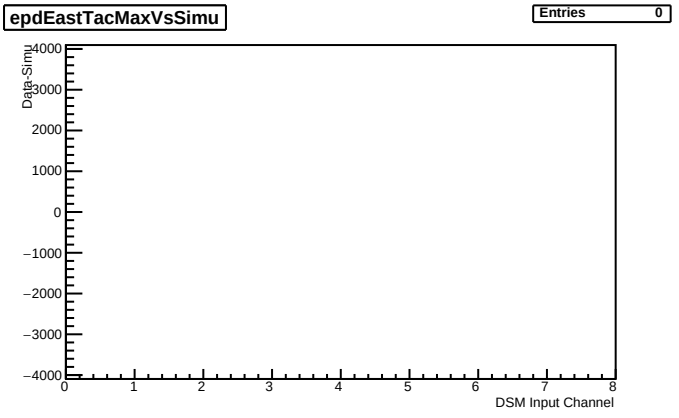
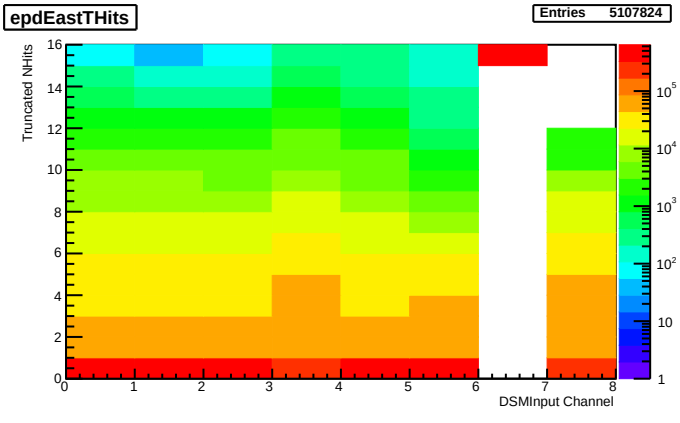
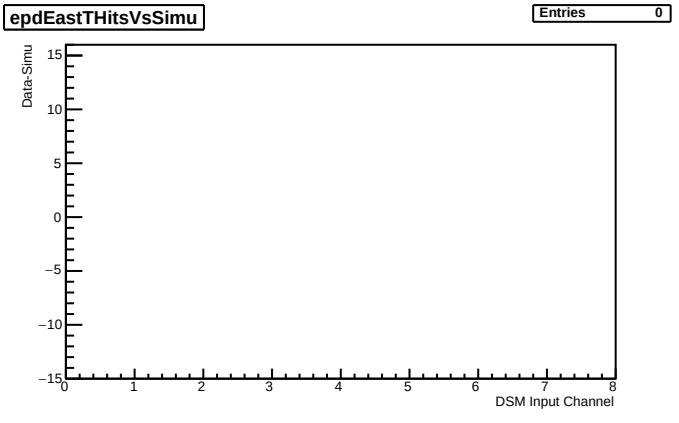

bbcSmallWestTacMax
Entries 638478


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5107824
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5107824
Truncated NHits
DSMInput Channel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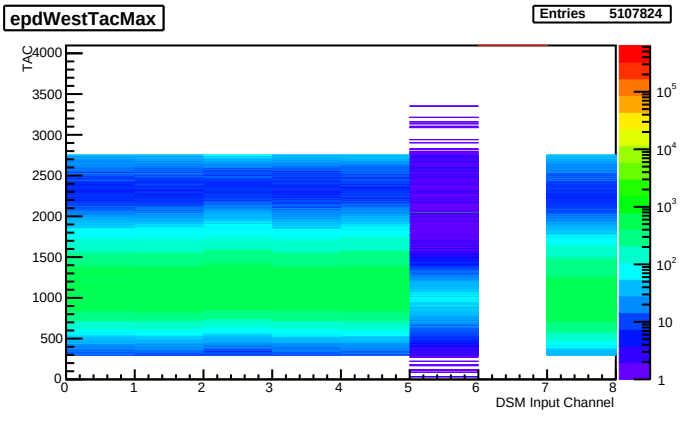
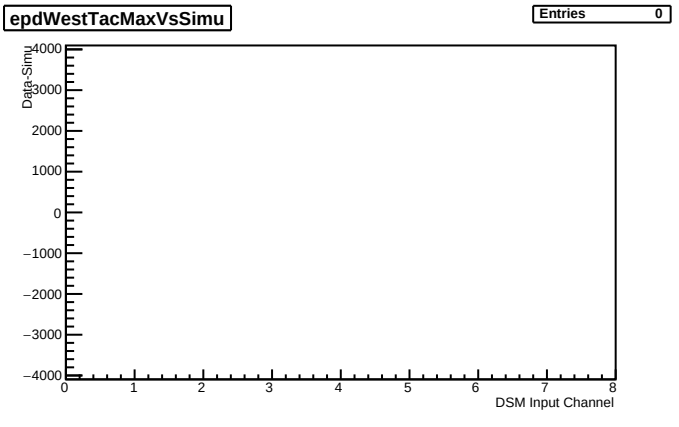
DSM Input Channel


epdWestTacMax
Entries 5107824
TAC
DSM Input Channel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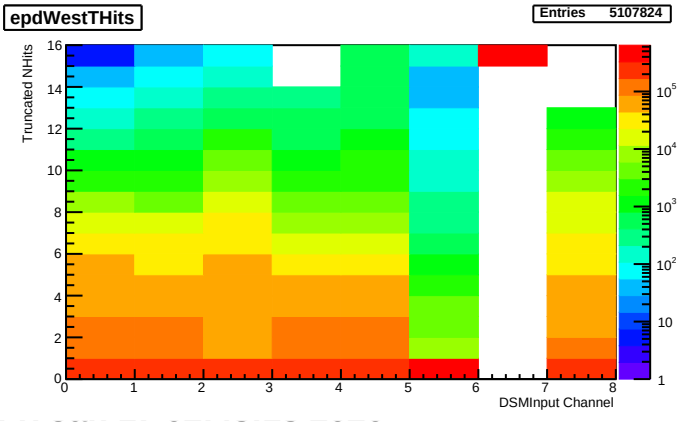
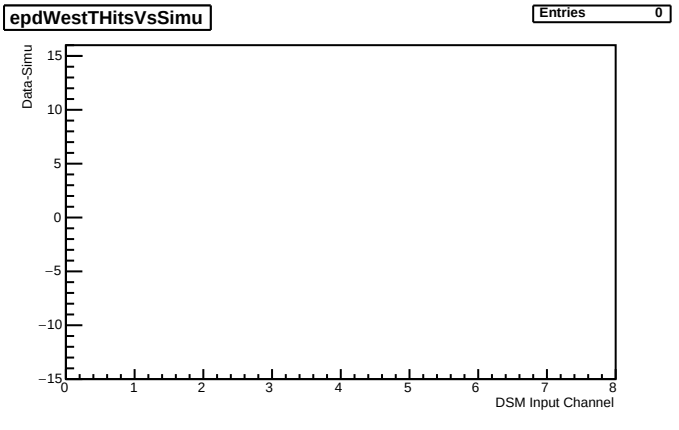
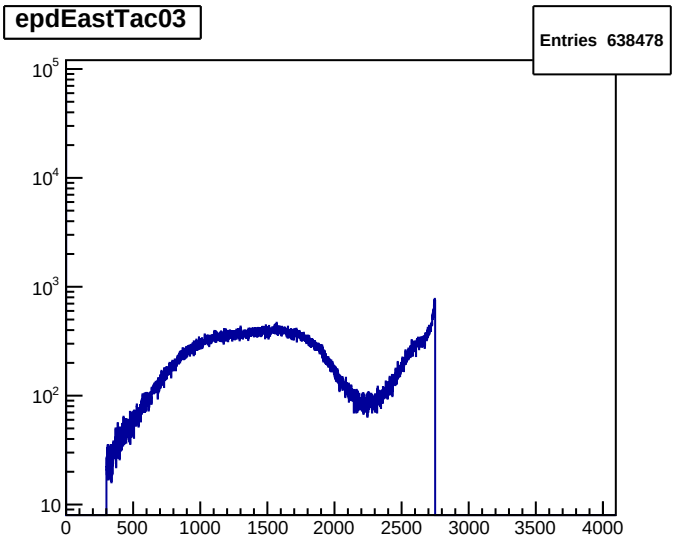
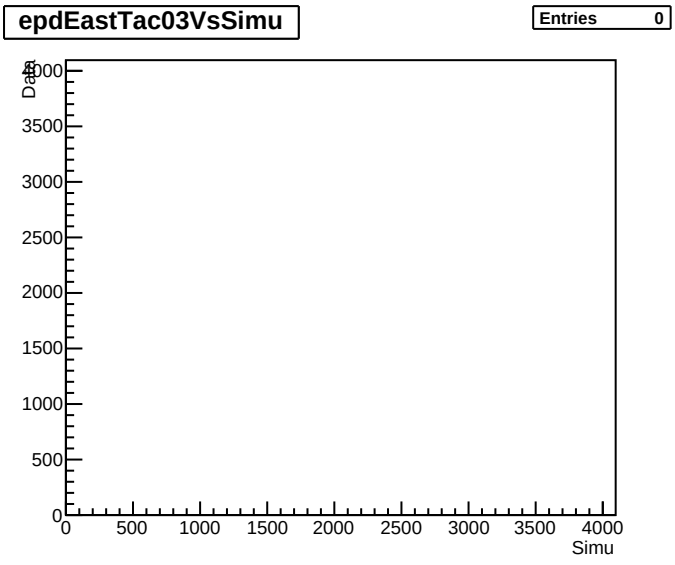
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5107824
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 638478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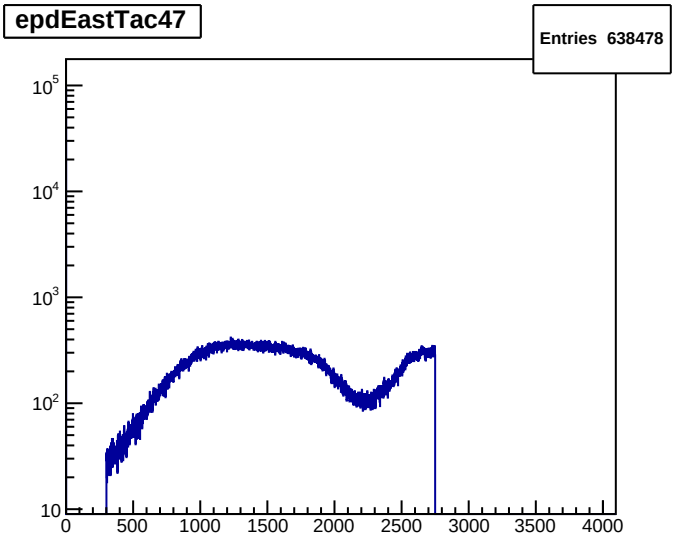
Entries 0
Data
Simu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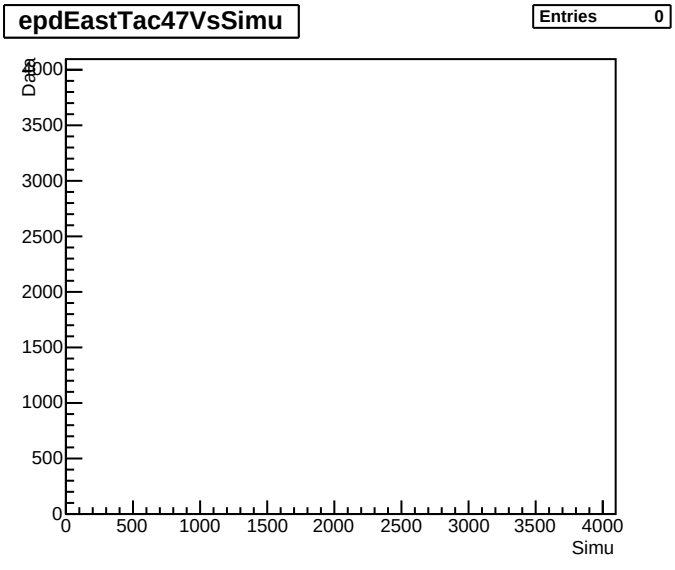
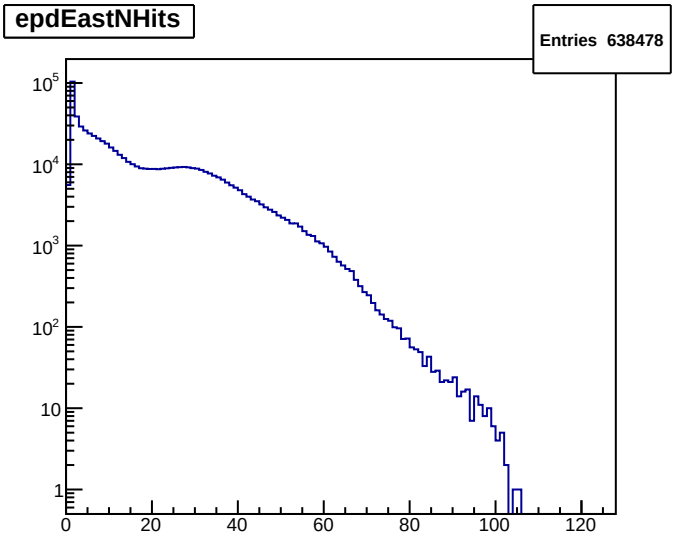
Entries 638478


epdEastTac47VsSimu
Entries 0
Data
Simu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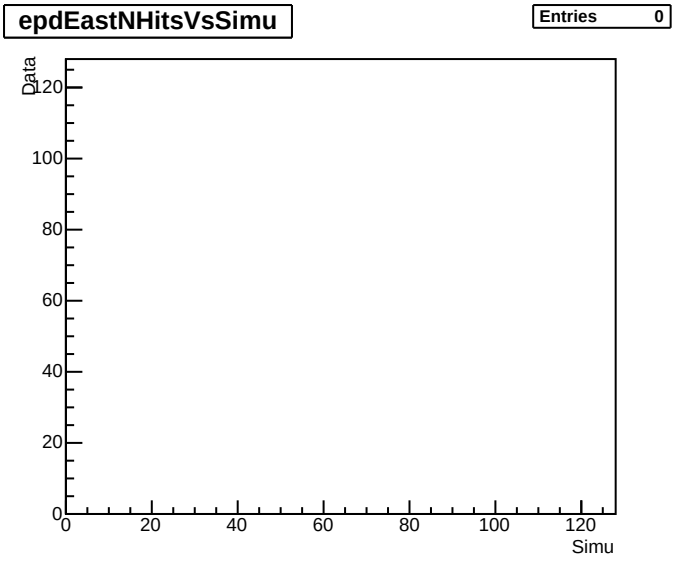
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Data
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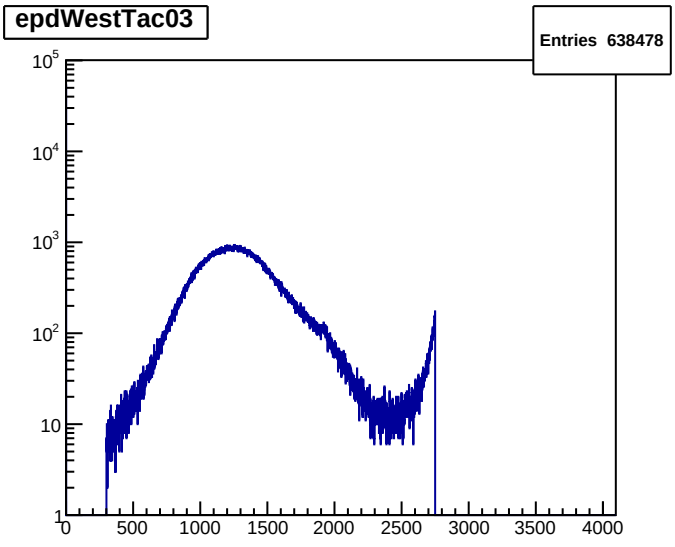
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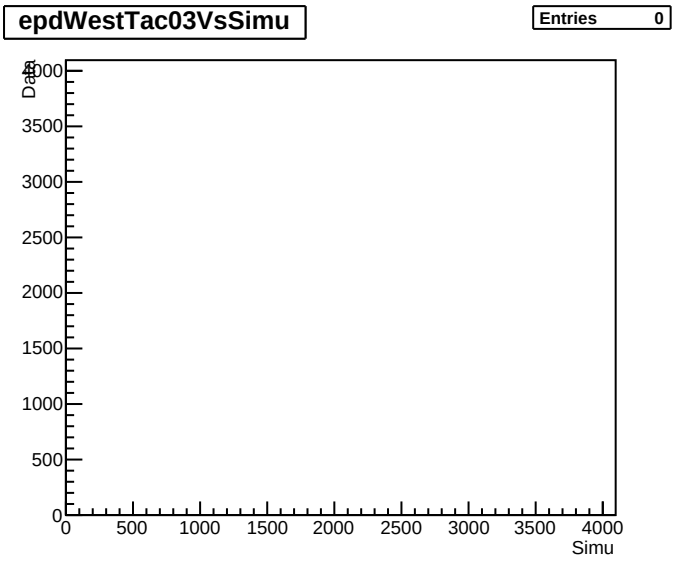
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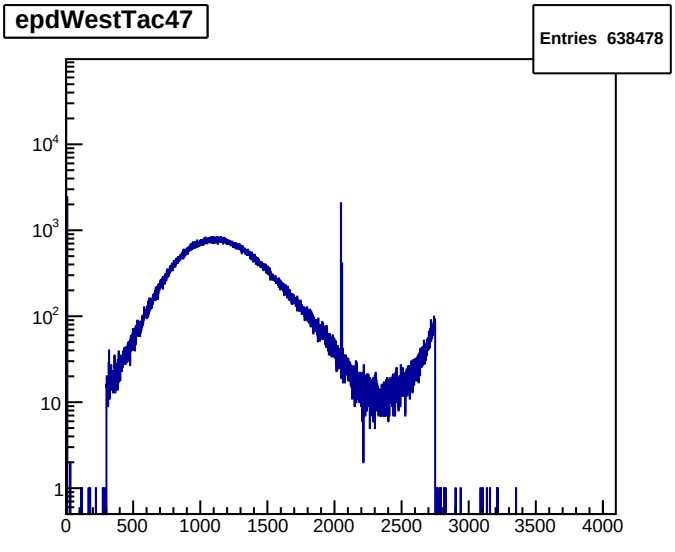
Entries 0
Data
Simu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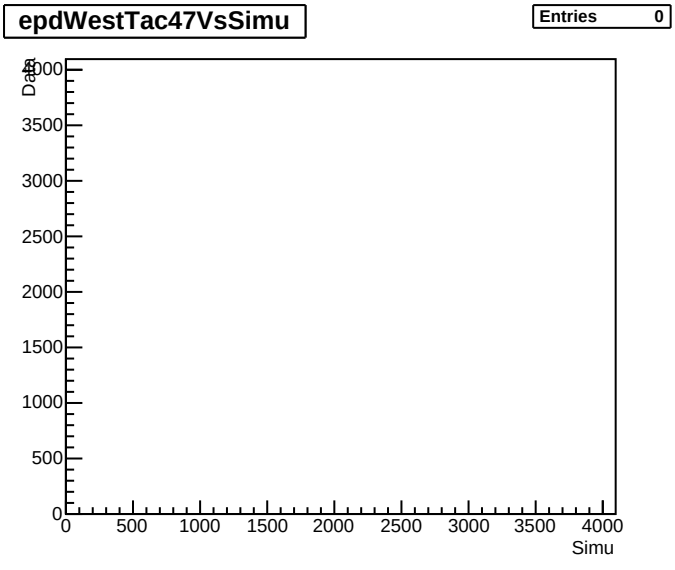
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Data
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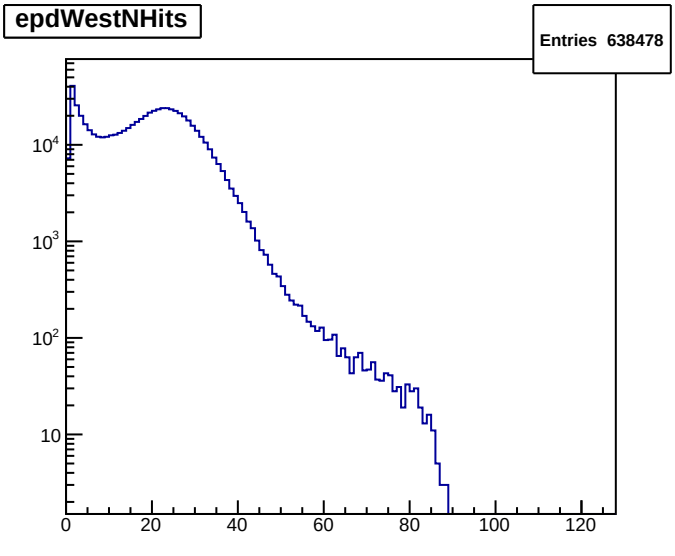
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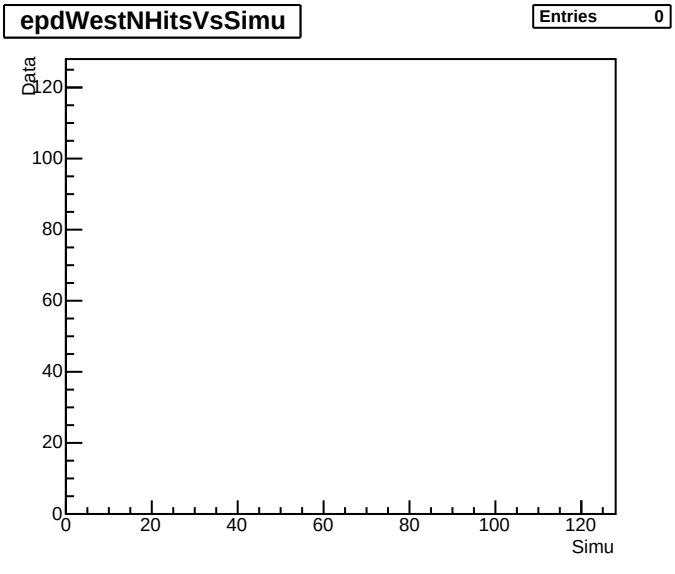
Entries 638478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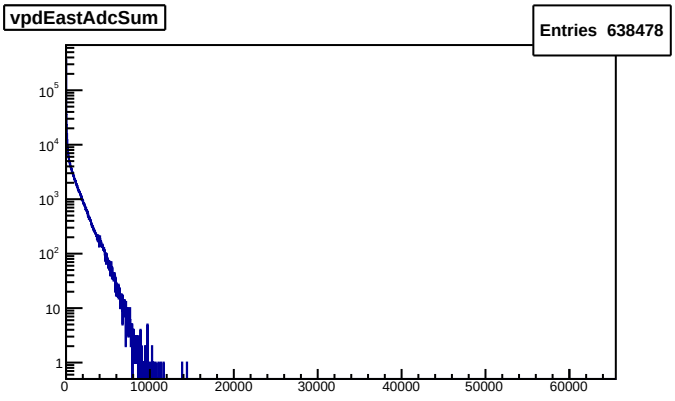
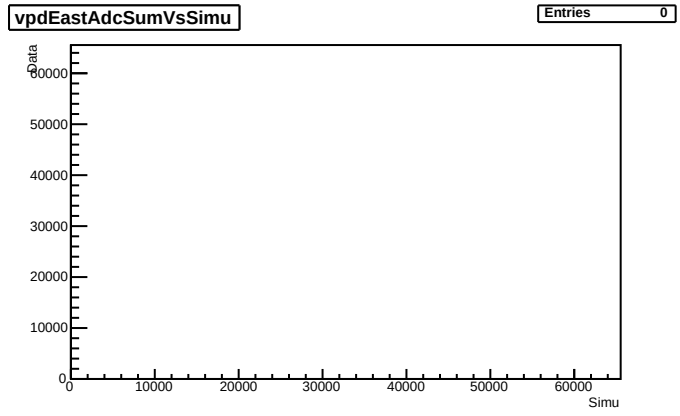
Entries 0
Data
Simu


vpdEastAdcSum
Entries 638478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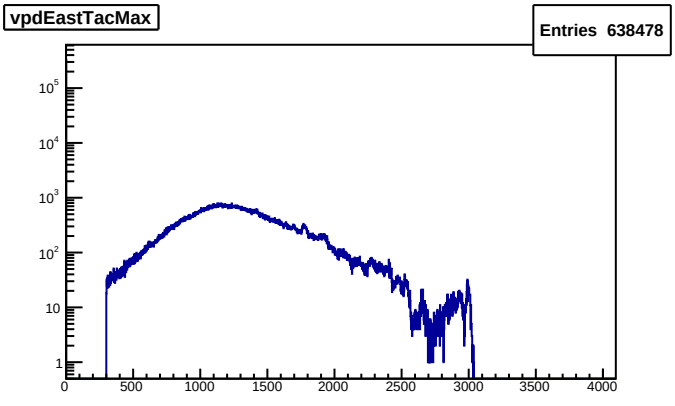
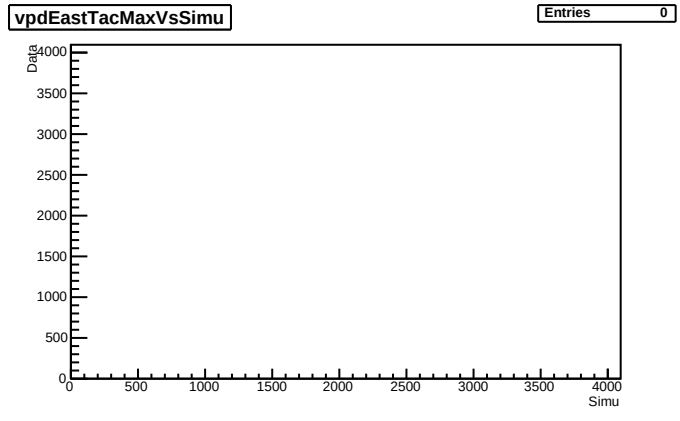
Entries 0
Data
Simu


vpdEastTacMax
Entries 638478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Data
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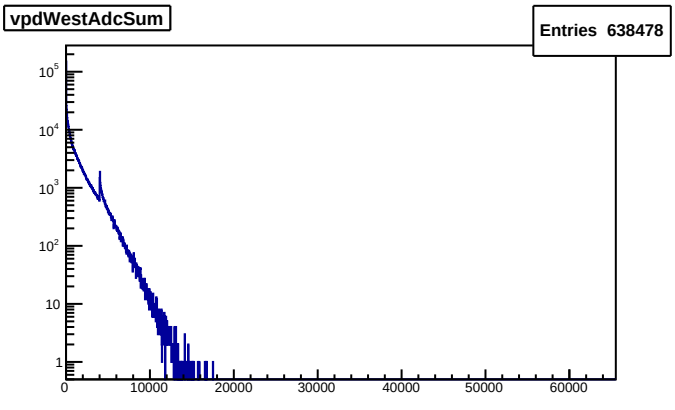
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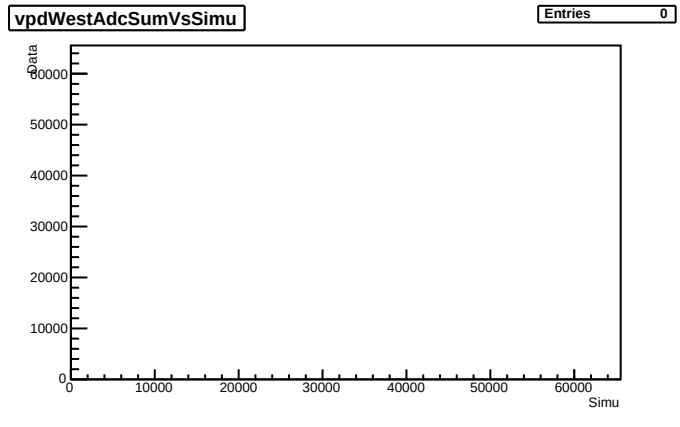
Entries 638478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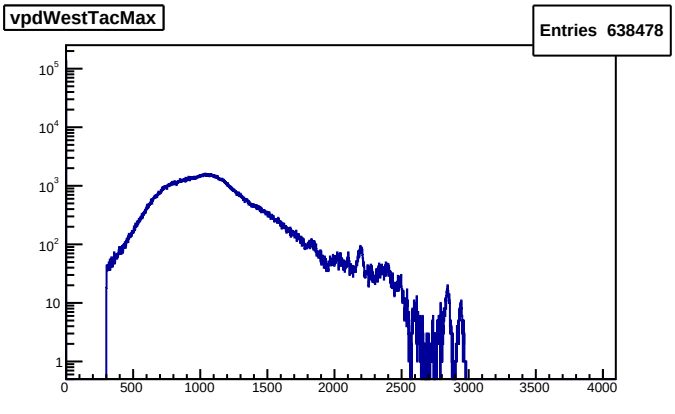
Entries 0
Data
Simu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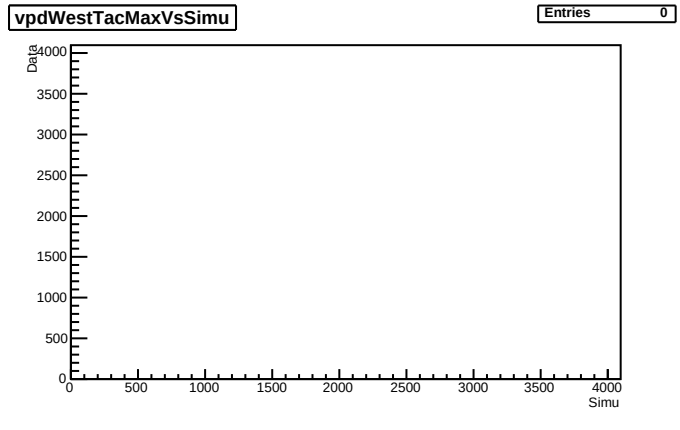
Entries 638478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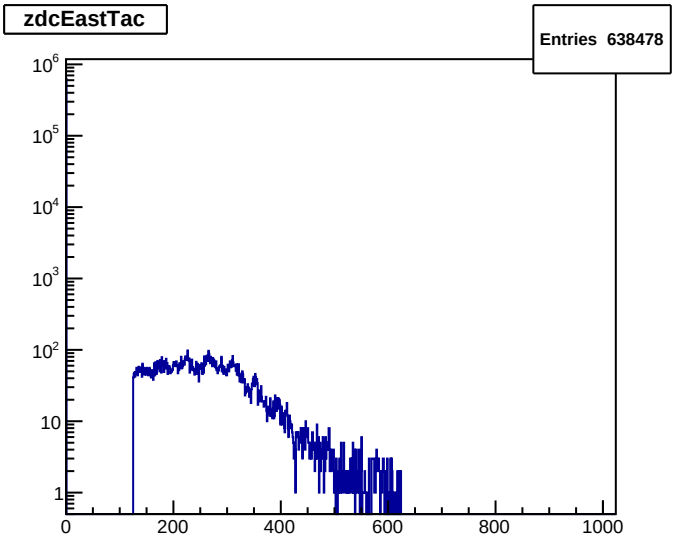
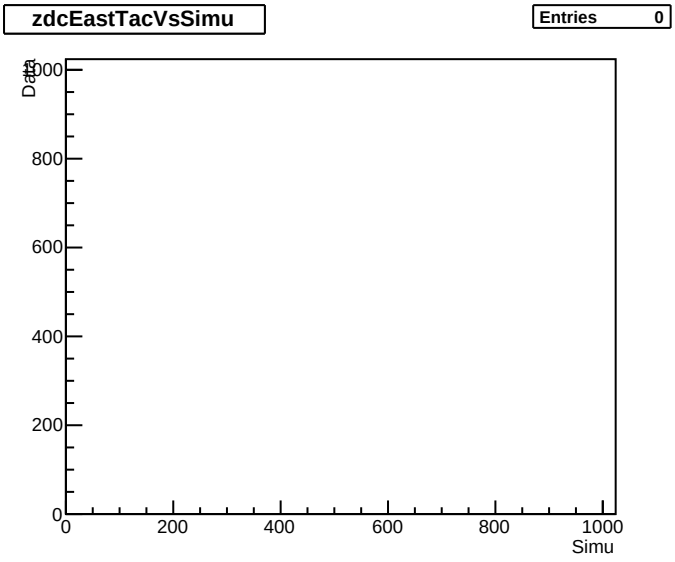
Entries 0
Data
Simu


zdcEastTac
Entries 638478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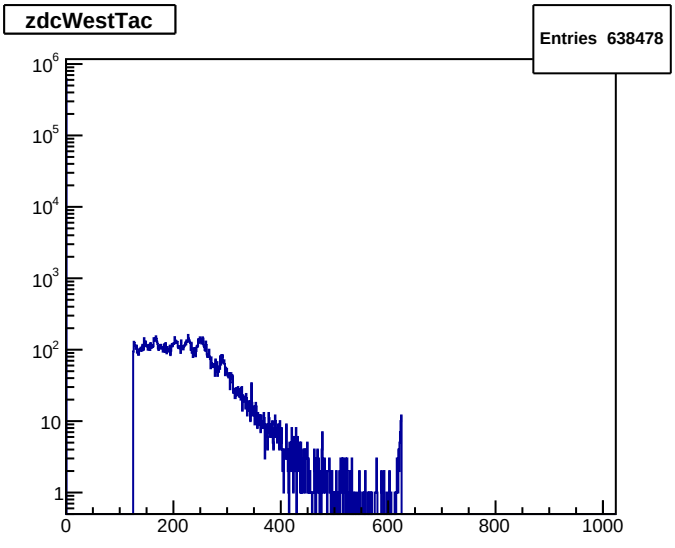
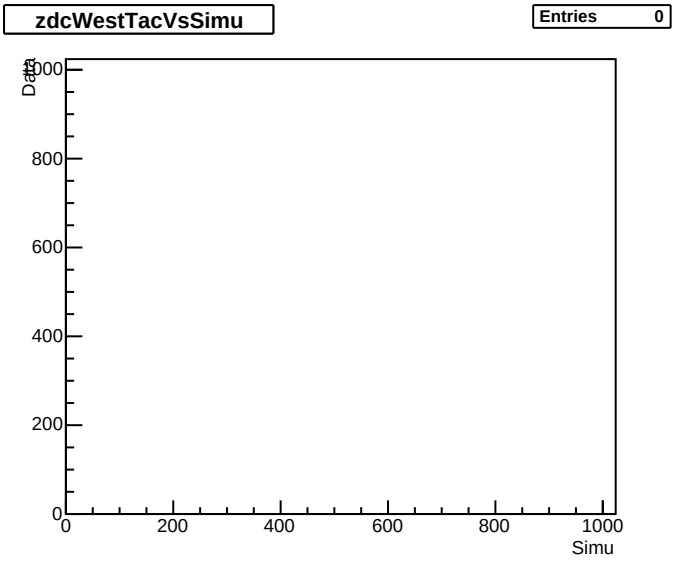
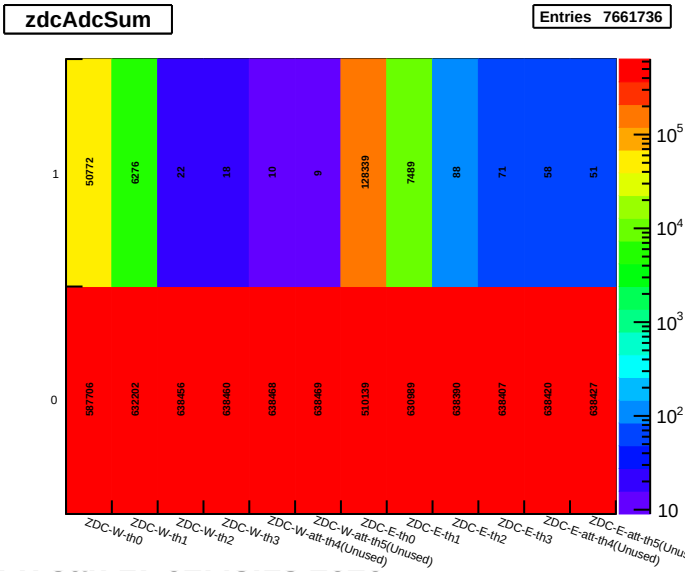
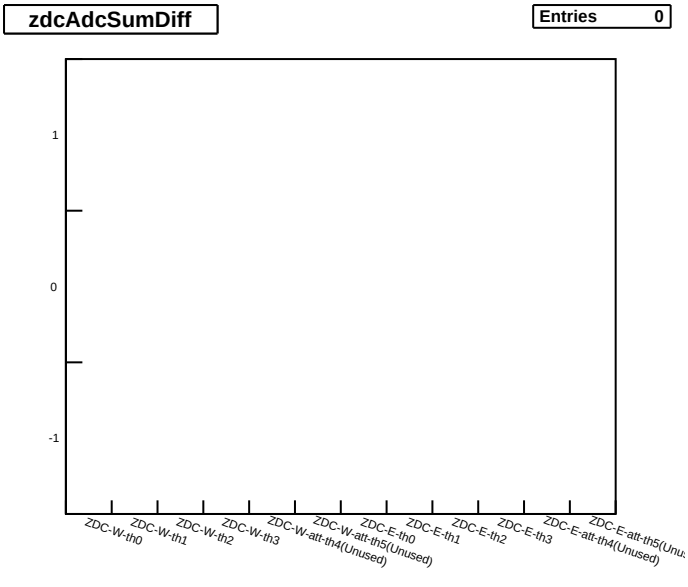
Entries 0
Data
Simu


zdcWestTac
Entries 638478


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 7661736
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
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
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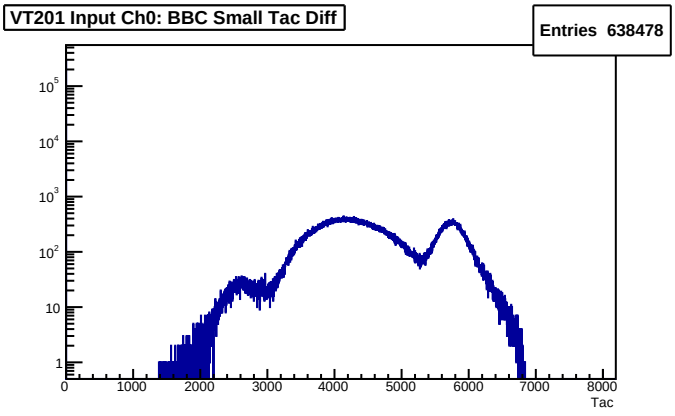
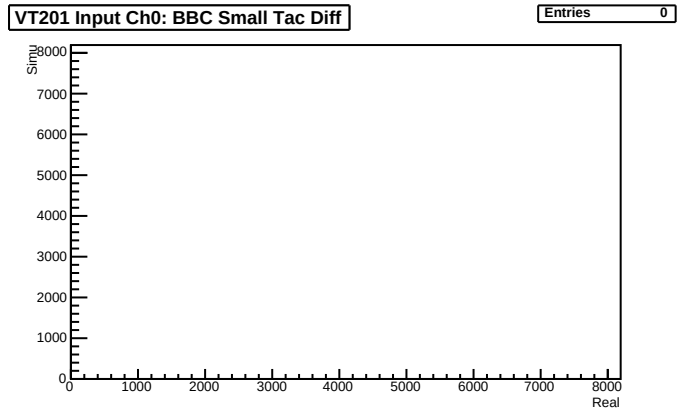
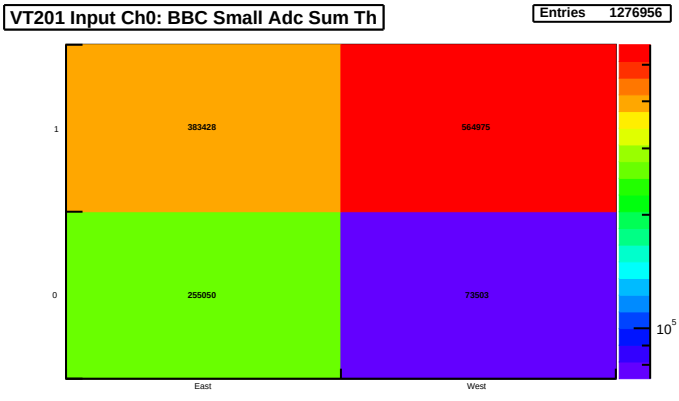
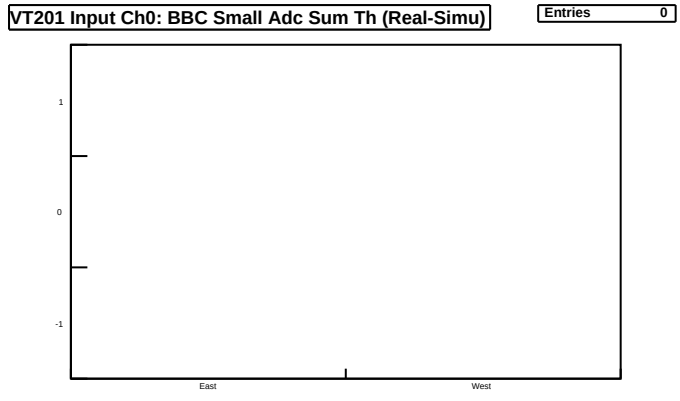
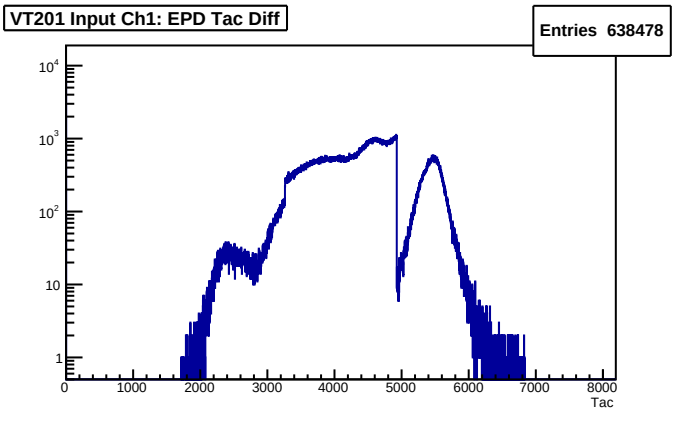
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

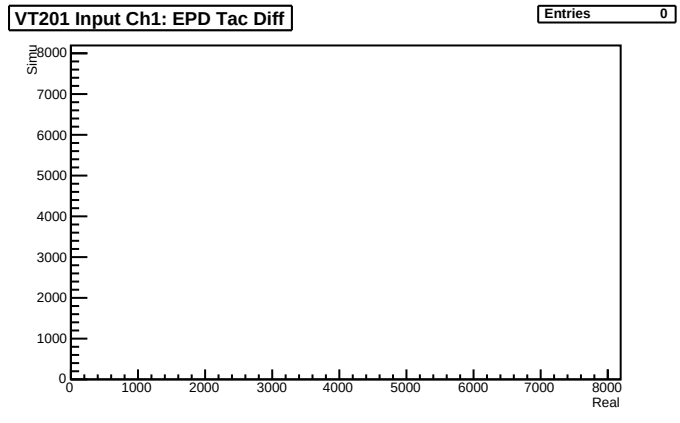

VT201 Input Ch0: BBC Small Tac Diff
Entries 638478
Tac

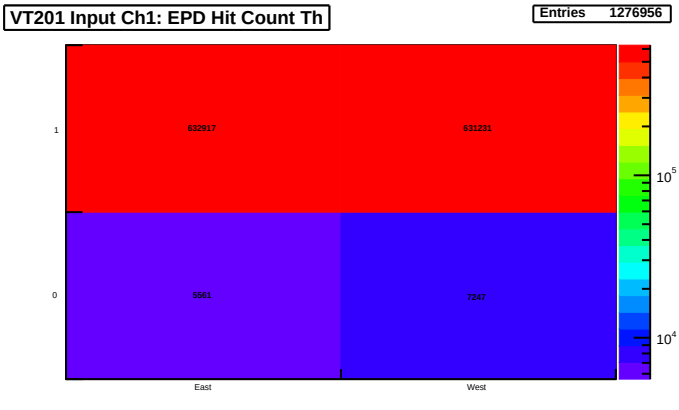

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

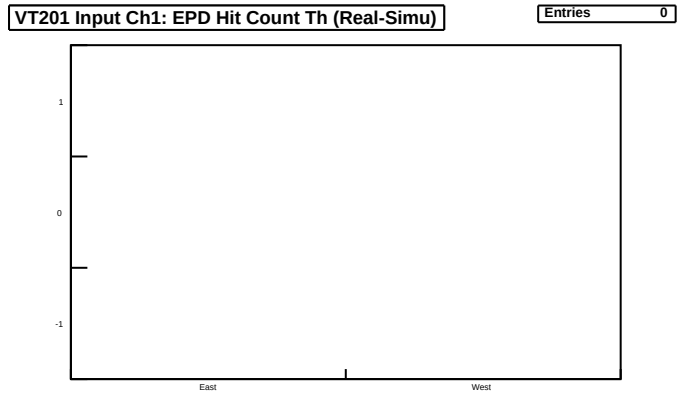

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1276956
383428
564975
255050
73503
East
West

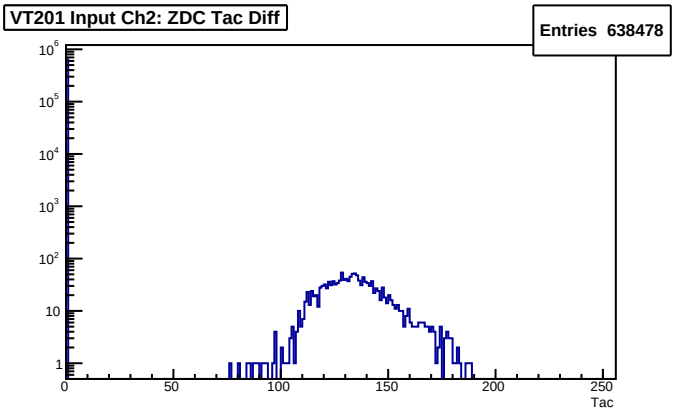

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

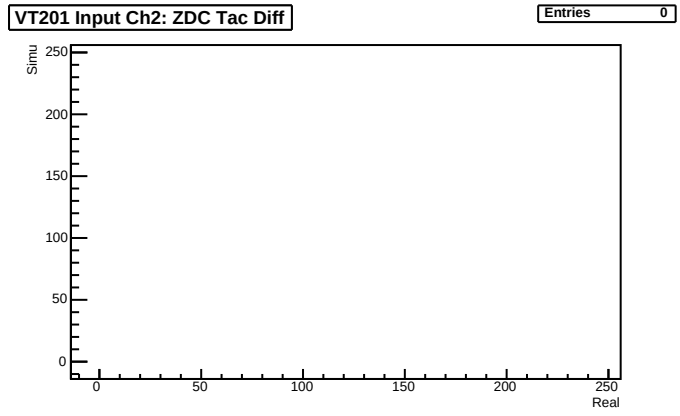

VT201 Input Ch1: EPD Tac Diff
Entries 638478
Tac

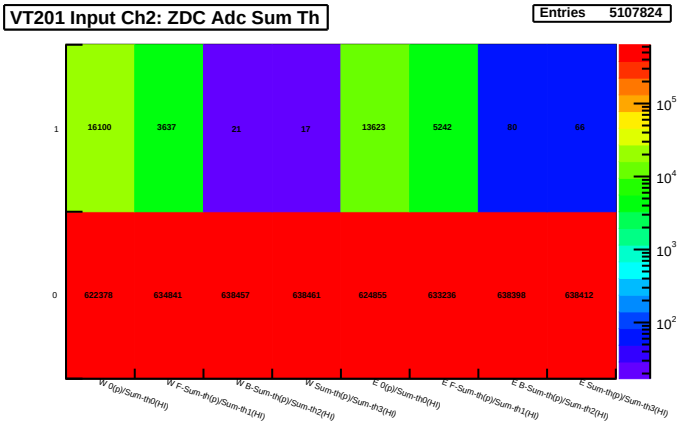

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

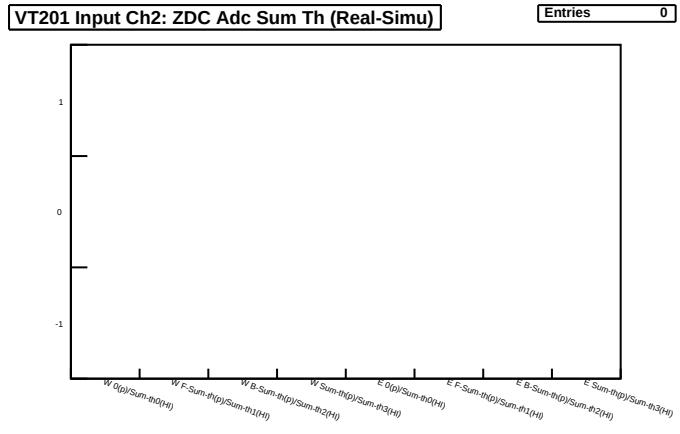

VT201 Input Ch1: EPD Hit Count Th
Entries 1276956
632917
631231
5581
7247
East
West

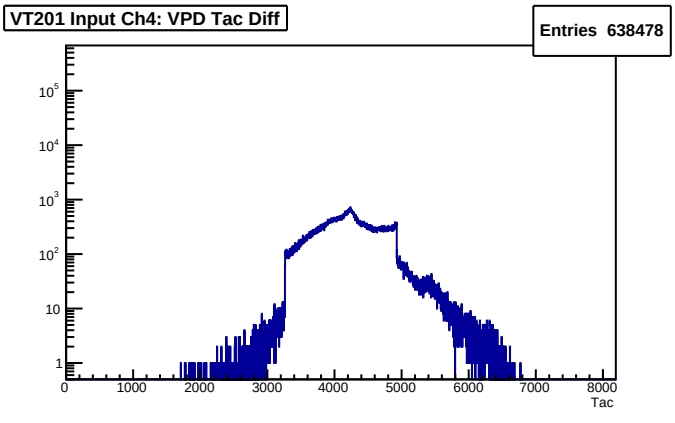

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

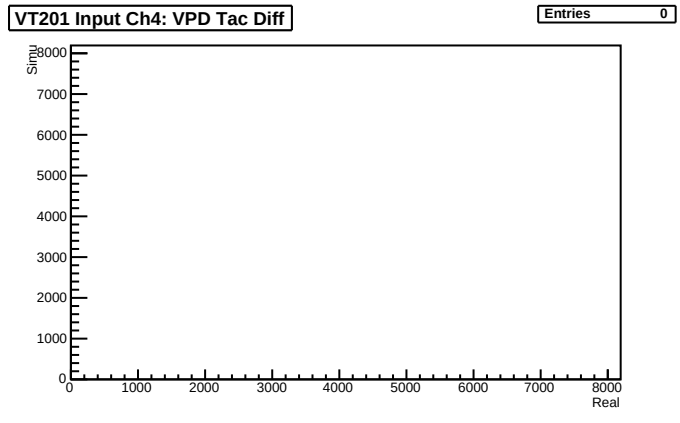

VT201 Input Ch2: ZDC Tac Diff
Entries 638478
Tac

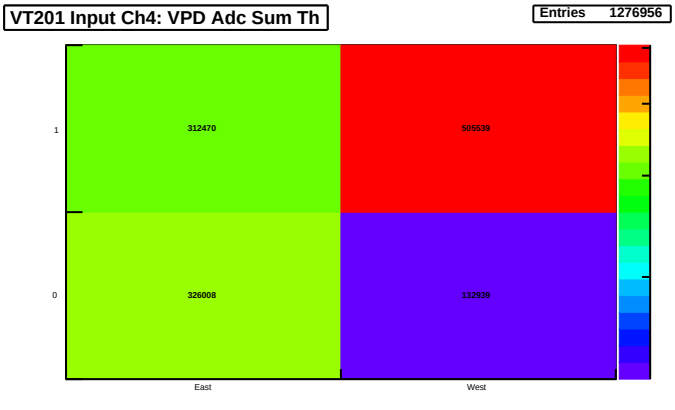

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

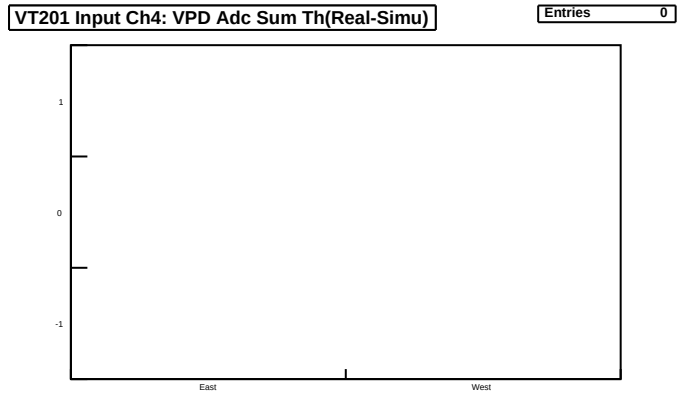

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5107824
16100
3637
21
17
13623
5242
80
66
622378
634841
638457
638461
624855
633236
638398
638412
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

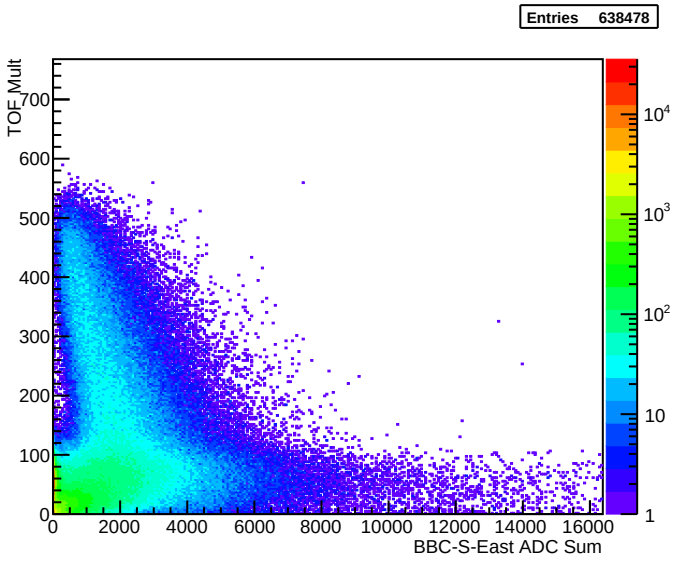

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

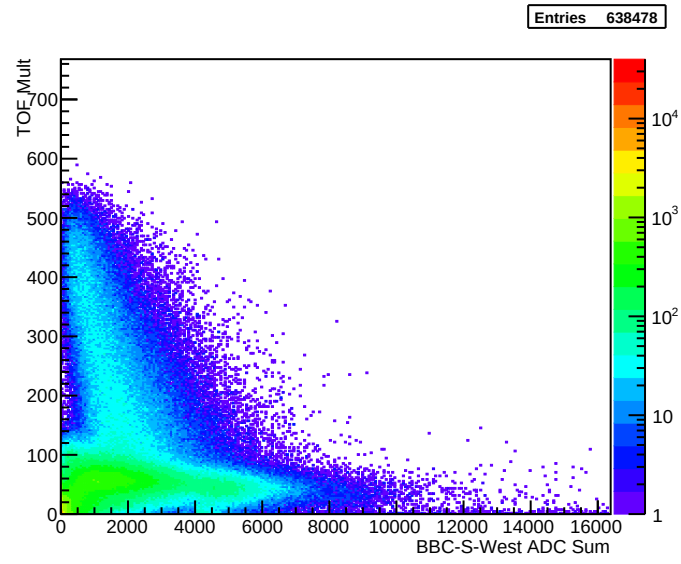

VT201 Input Ch4: VPD Tac Diff
Entries 638478
Tac

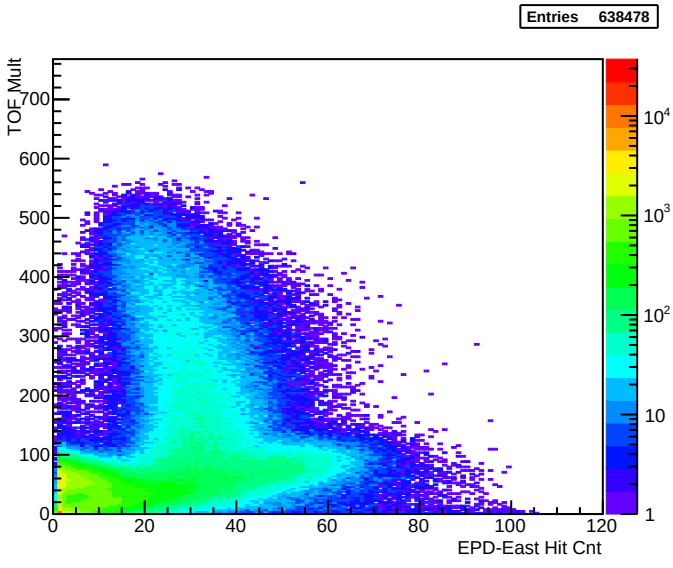

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

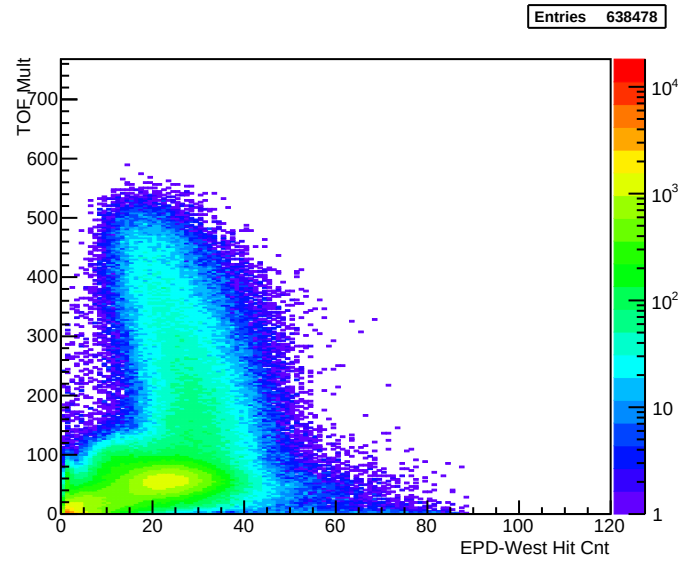

VT201 Input Ch4: VPD Adc Sum Th
Entries 1276956
312470
505539
326008
132939
East
West

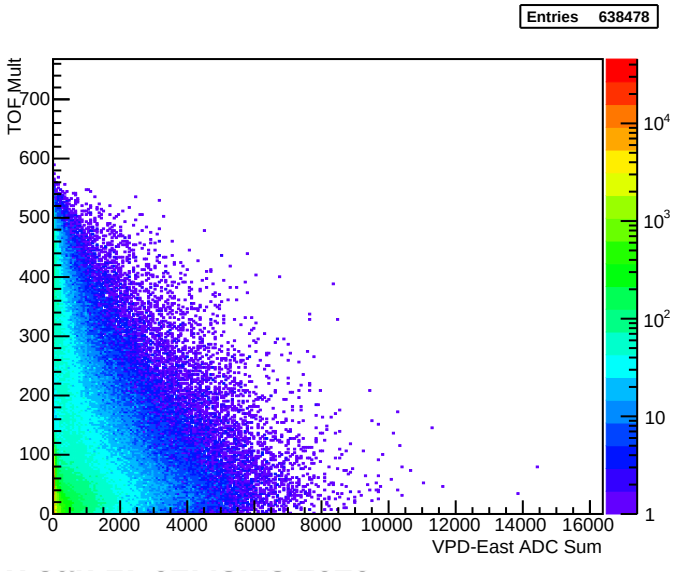

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

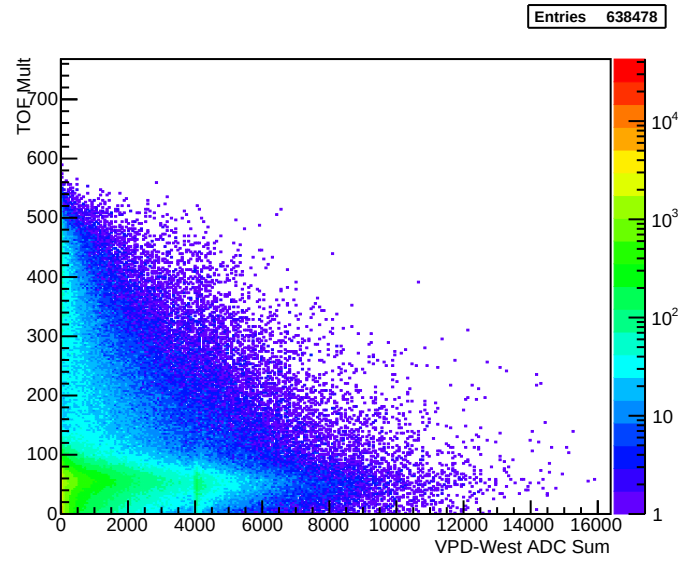

Entries 638478
TOF_Mult
BBC-S-East ADC Sum

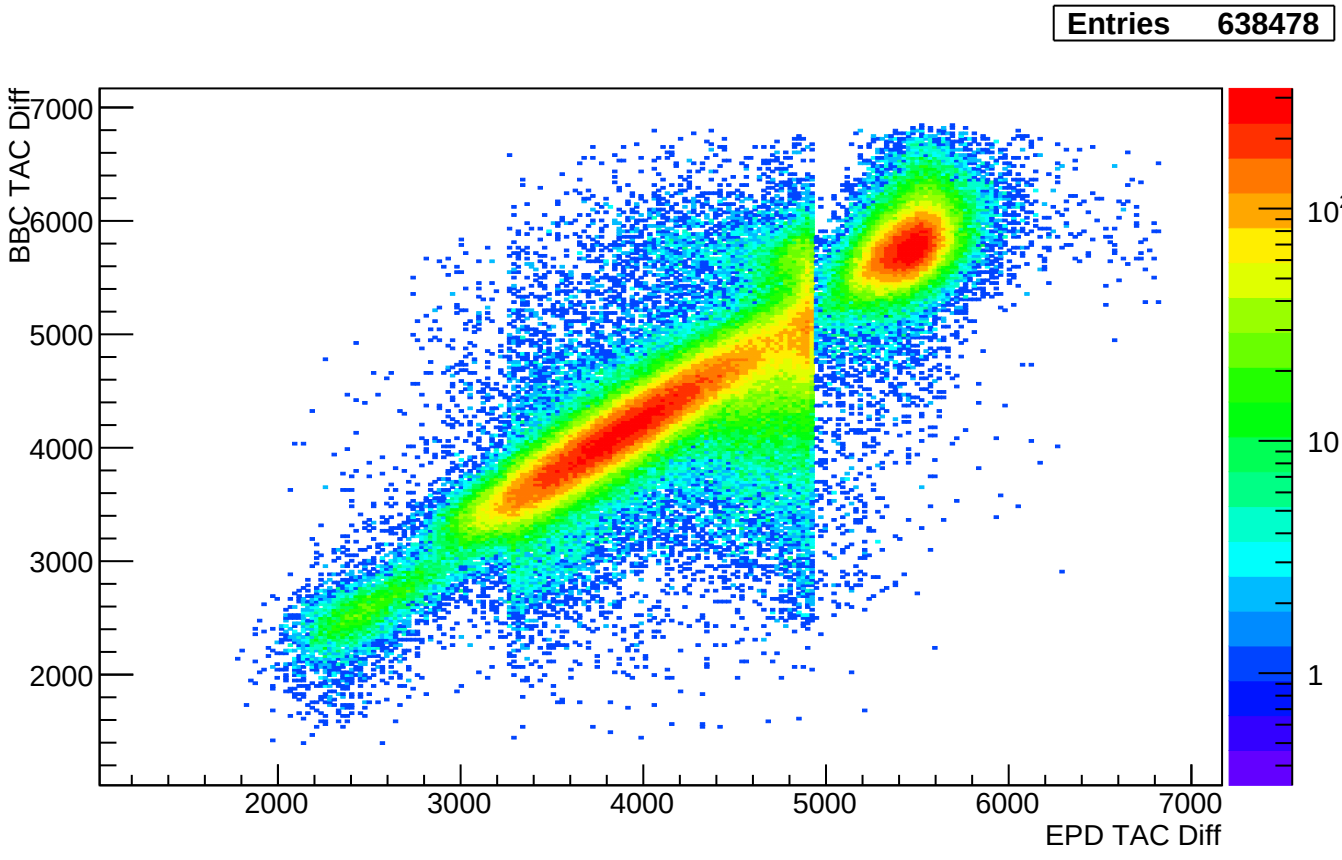

Entries 638478
TOF_Mult
BBC-S-West ADC Sum

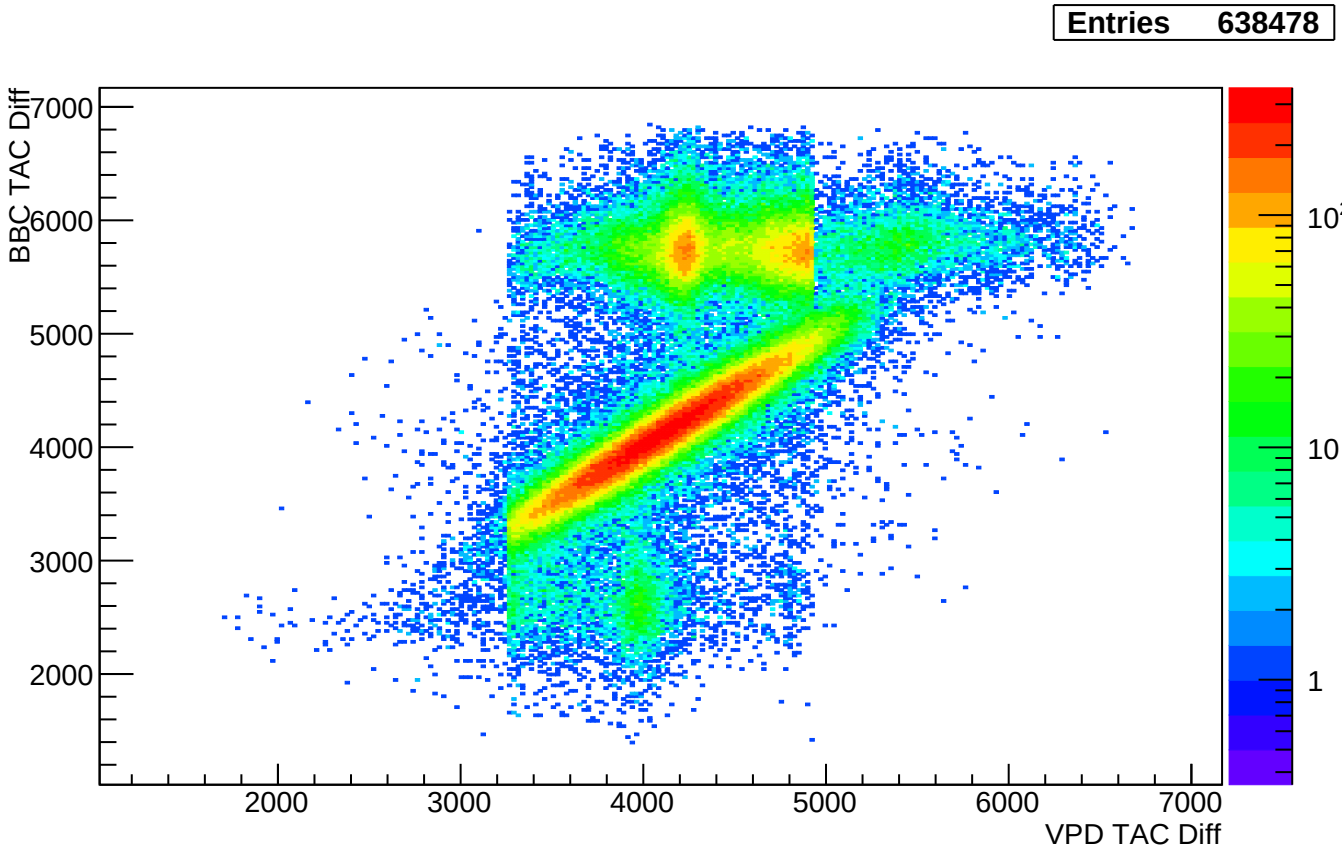

Entries 638478
TOF_Mult
EPD-East Hit Cnt

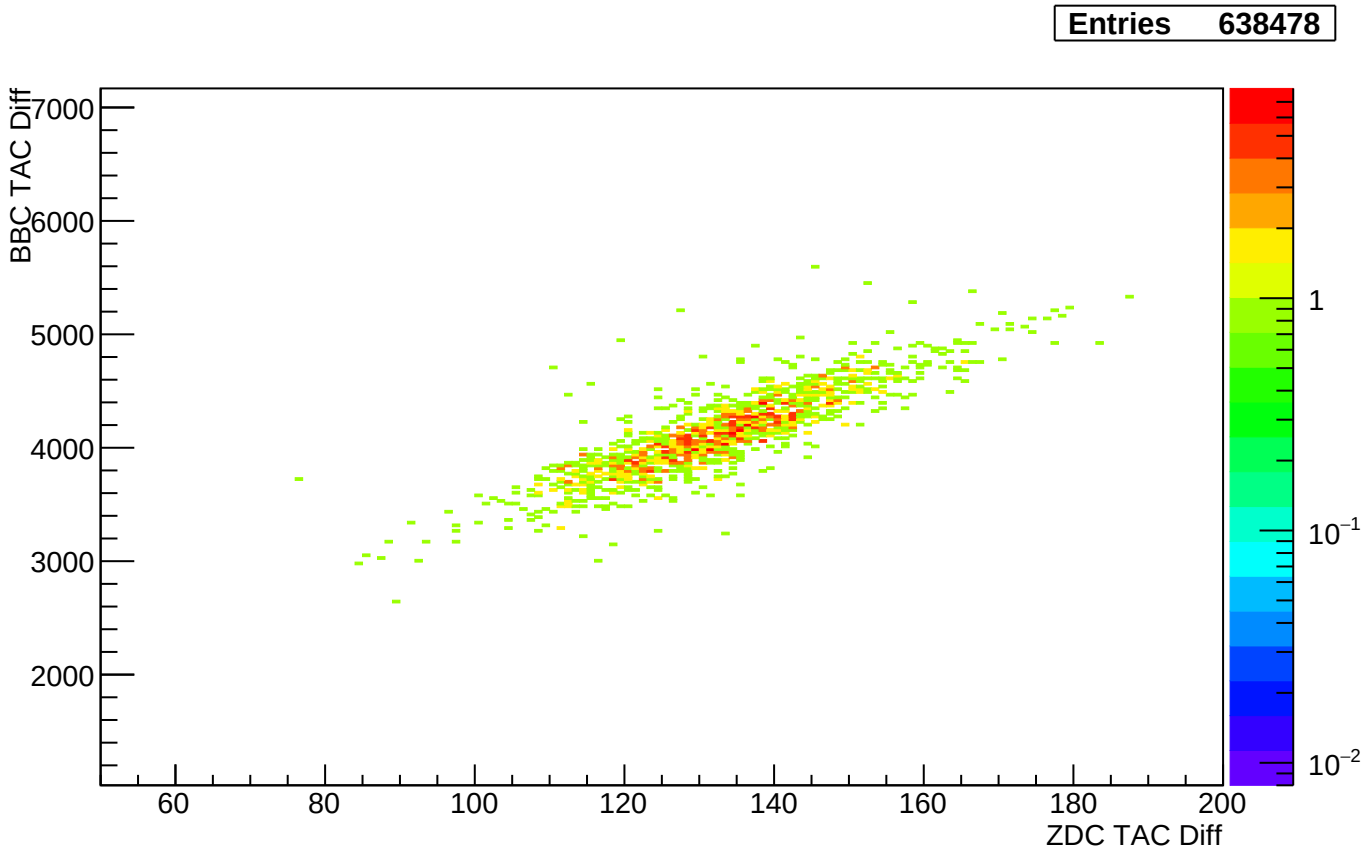

Entries 638478
TOF_Mult
EPD-West Hit Cnt

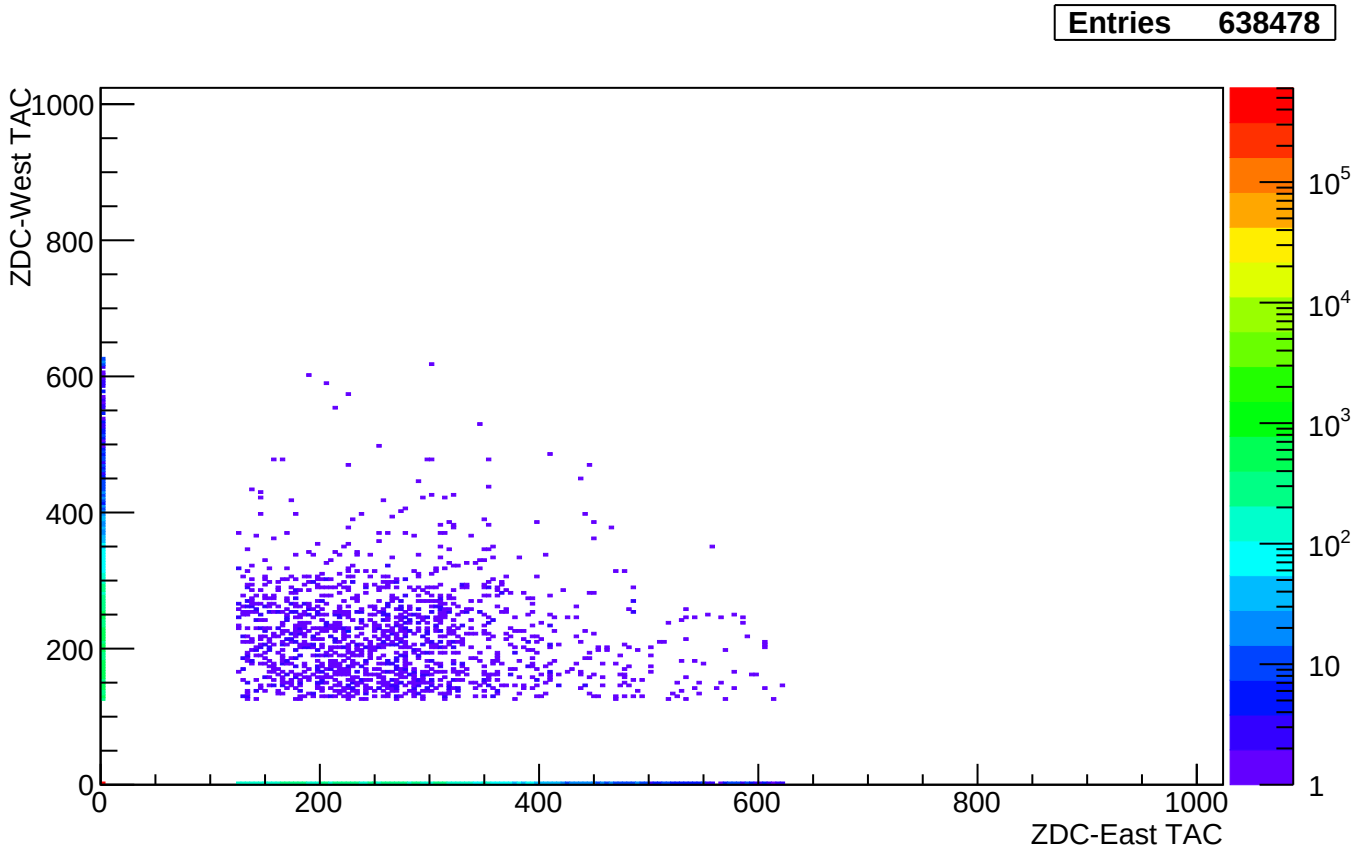

Entries 638478
TOF_Mult
VPD-East ADC Sum

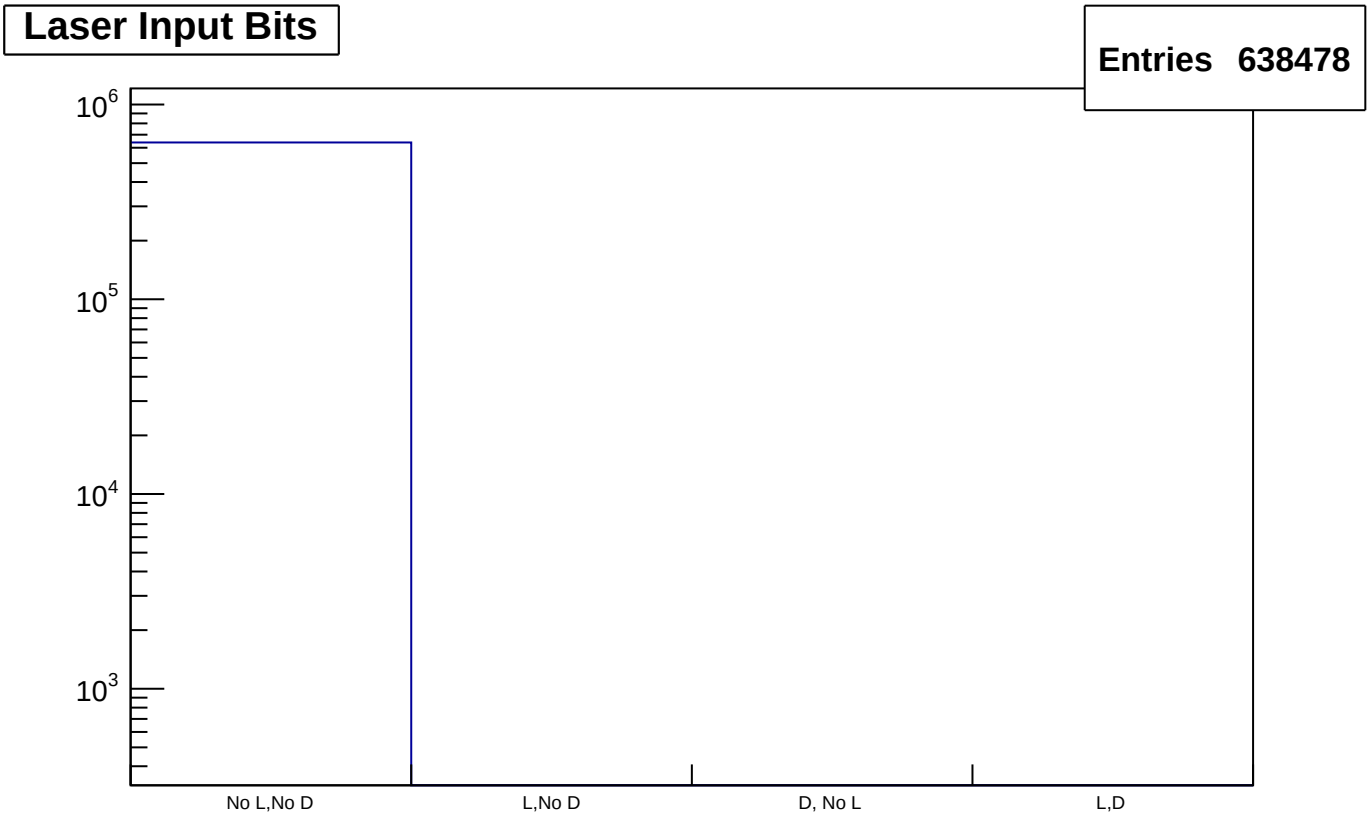

Entries 638478
TOF_Mult
VPD-West ADC Sum

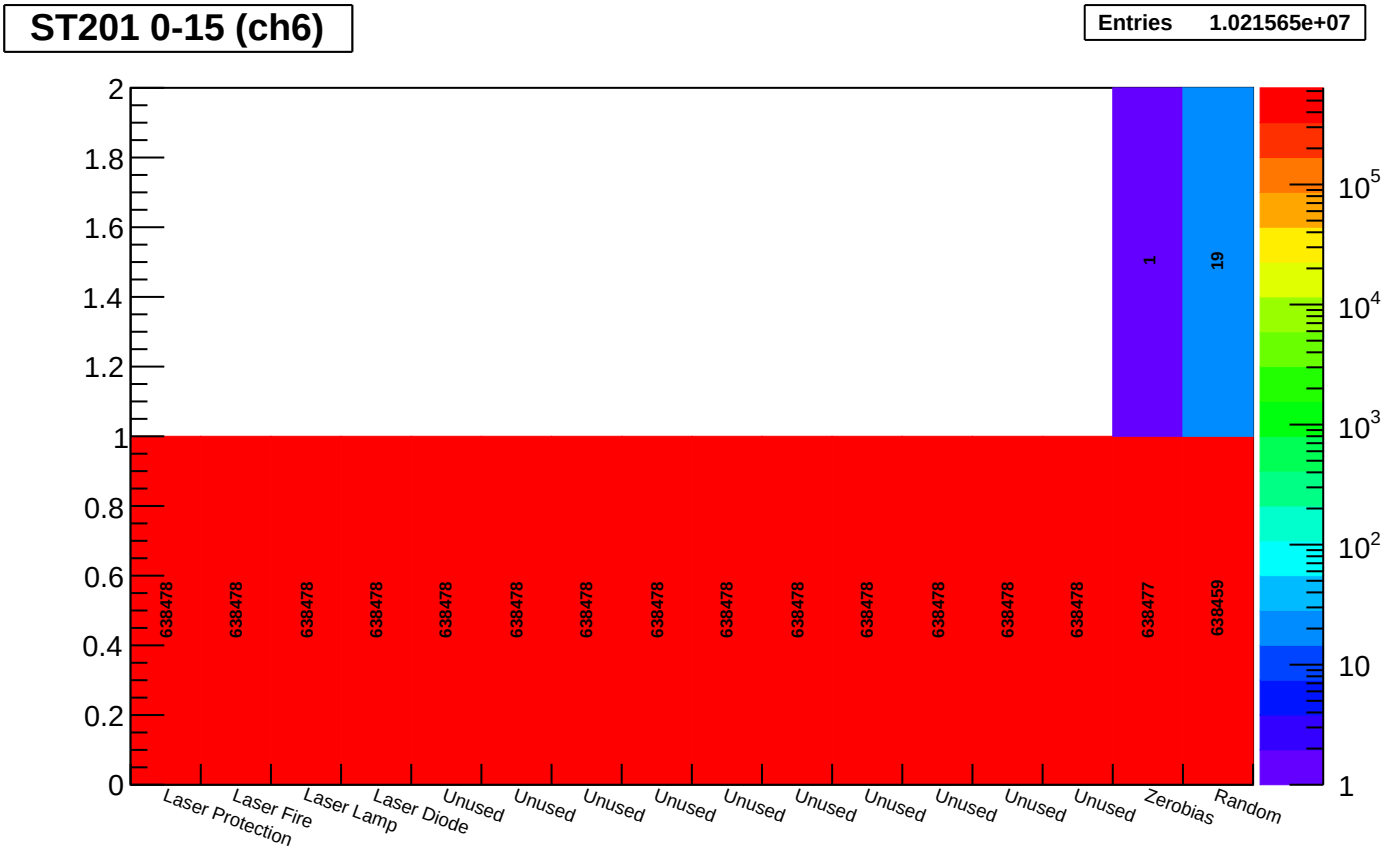

Entries 638478
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

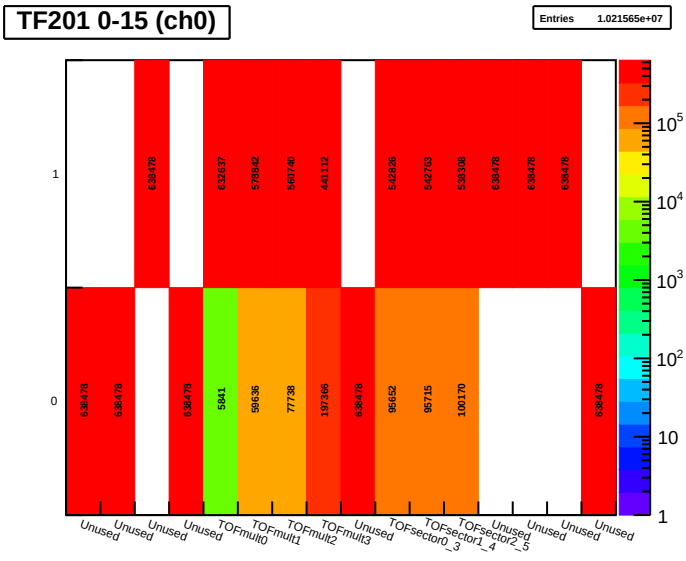

Entries 638478
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

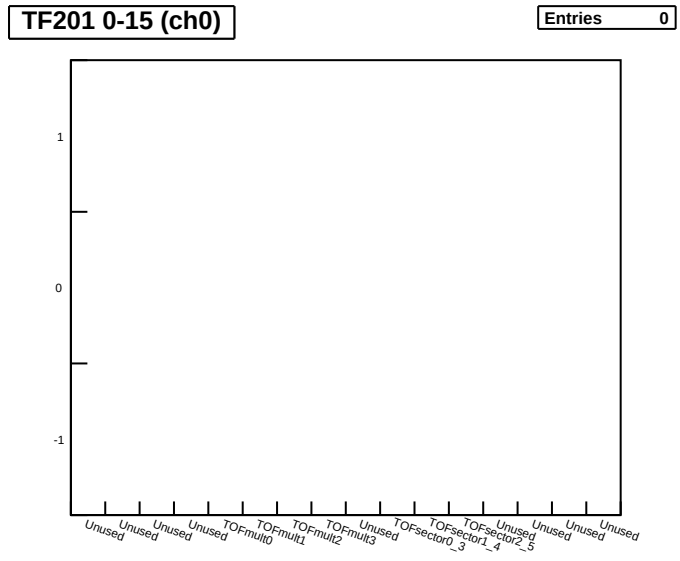

Entries 638478
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

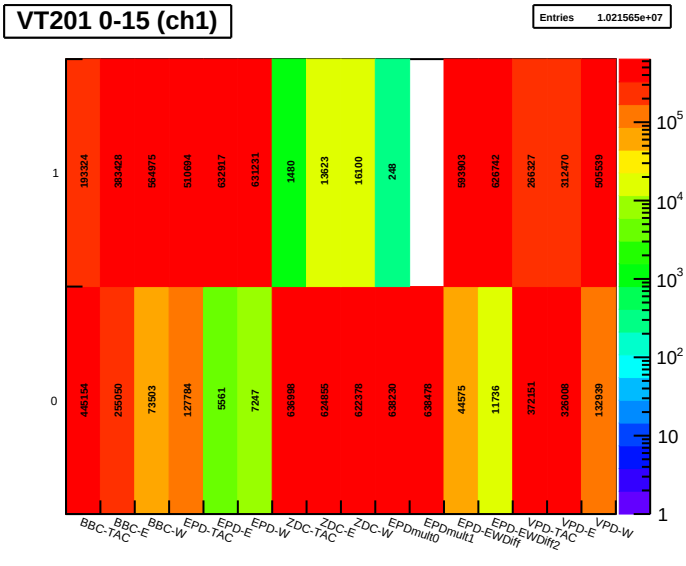

Entries 638478
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

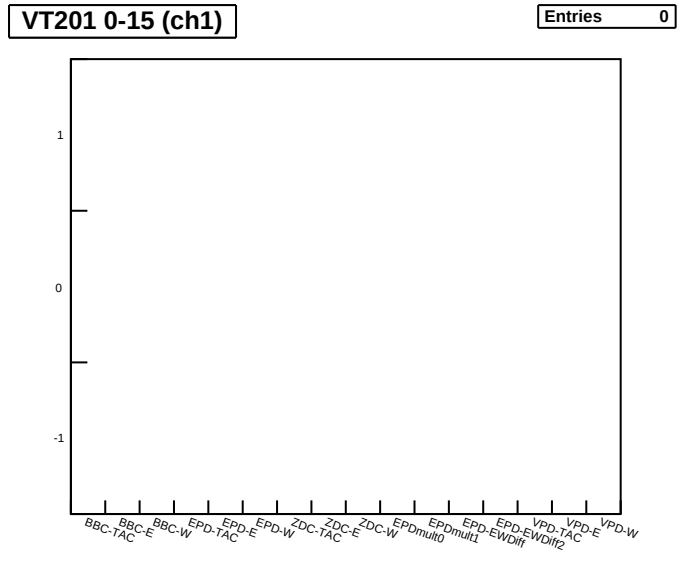

Laser Input Bits
Entries 638478
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

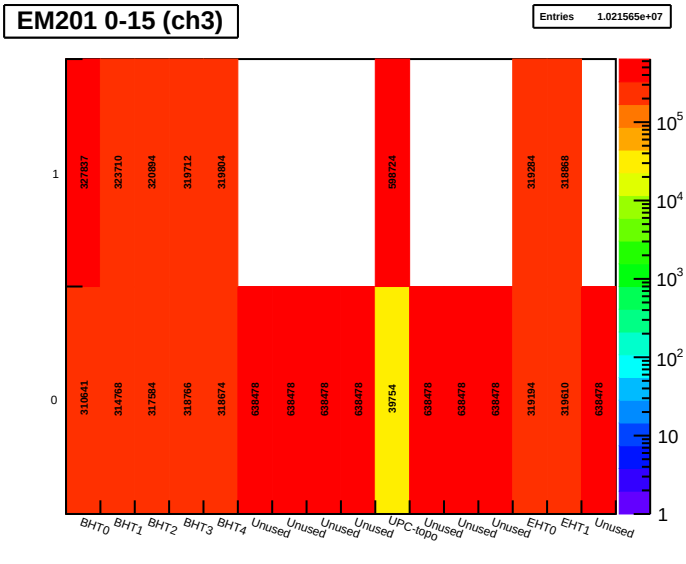

ST201 0-15 (ch6)
Entries 1.021565e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
638478
638478
638478
638478
638478
638478
638478
638478
638478
638478
638478
638478
638478
638478
638477
638459
1
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

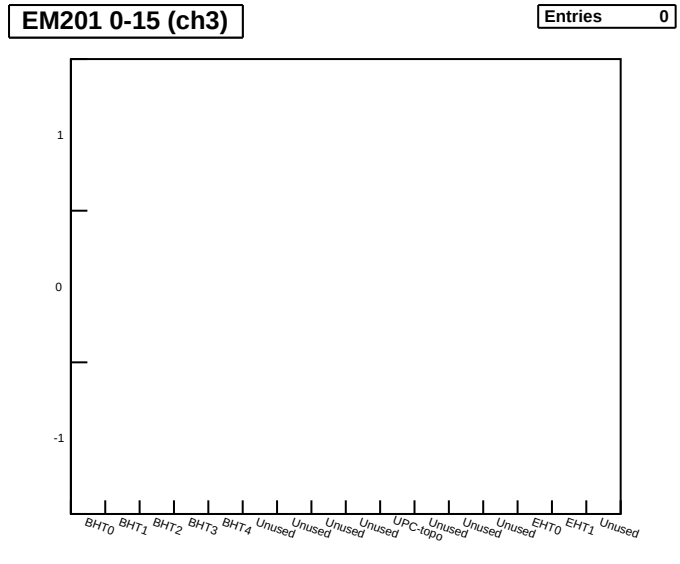

TF201 0-15 (ch0)
Entries 1.021565e+07
638478 632637 578842 560740 441112 542826 542763 538308 638478 638478 638478
638478 638478 638478 5841 59636 77738 197366 638478 95652 95715 100170 638478
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 1.021565e+07
193324 383428 564975 510694 632917 631231 1480 13623 16100 248 593903 626742 265327 312470 505539
445154 255050 73503 127784 5561 7247 638398 624855 622378 638230 638478 44575 11736 372151 326008 132939
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 1.021565e+07
327837 323710 320894 319712 319804 598724 319284 318868
310641 314768 317584 318766 318674 638478 638478 638478 638478 39754 638478 638478 638478 319194 319610 638478
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