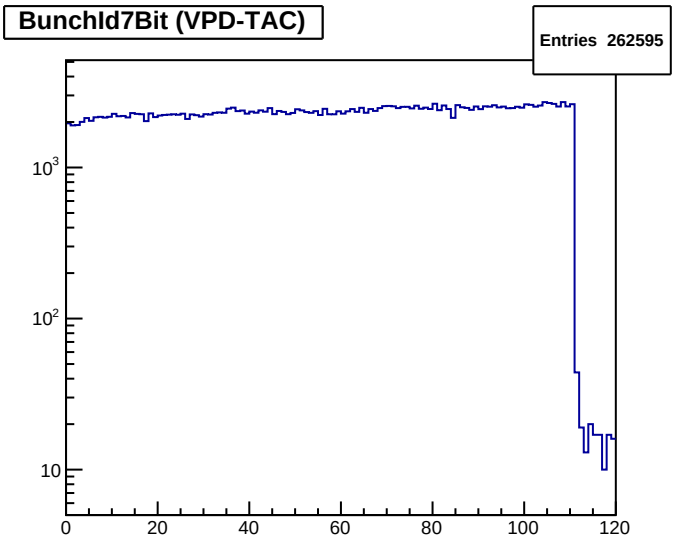
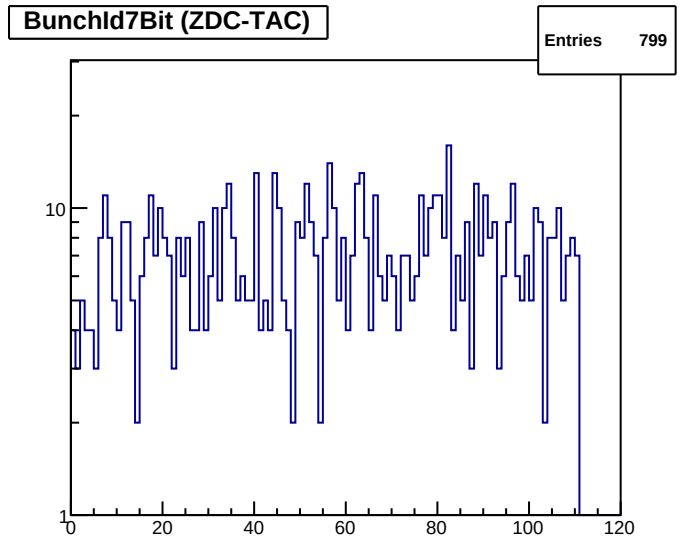
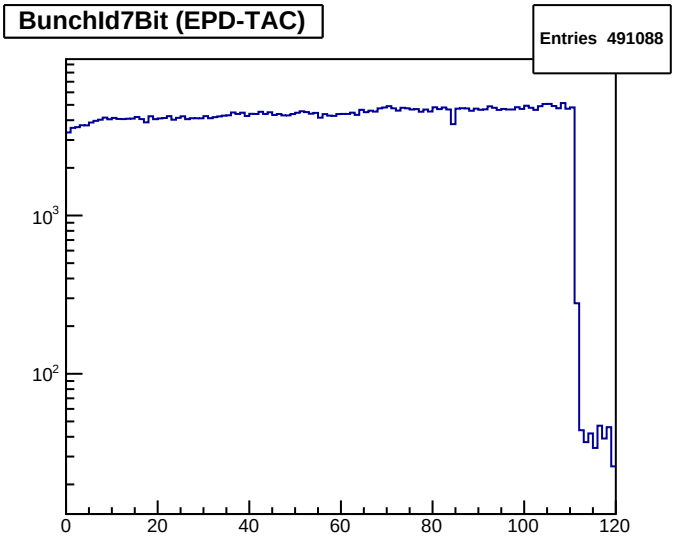
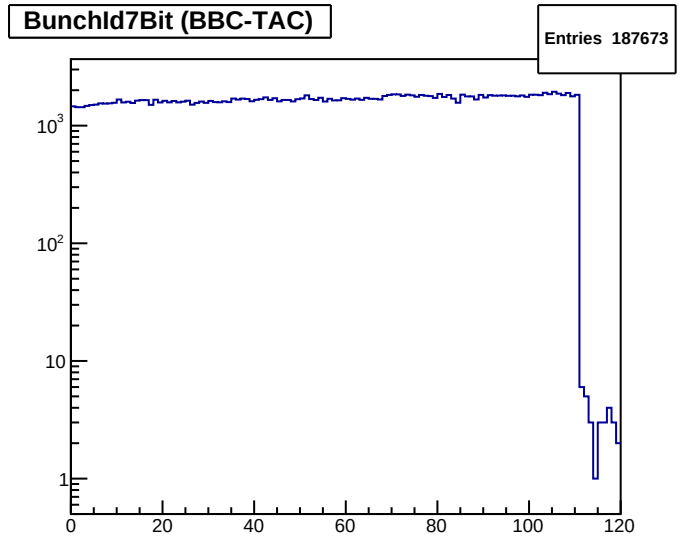
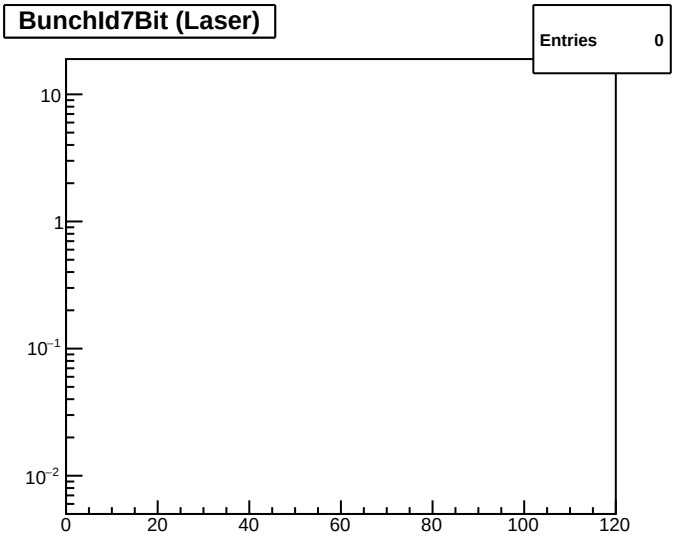
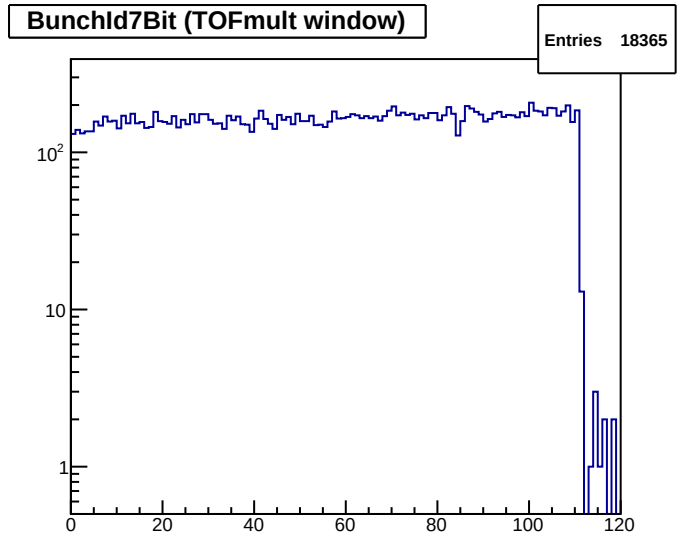

BunchId7Bit (VPD-TAC)
Entries 262595

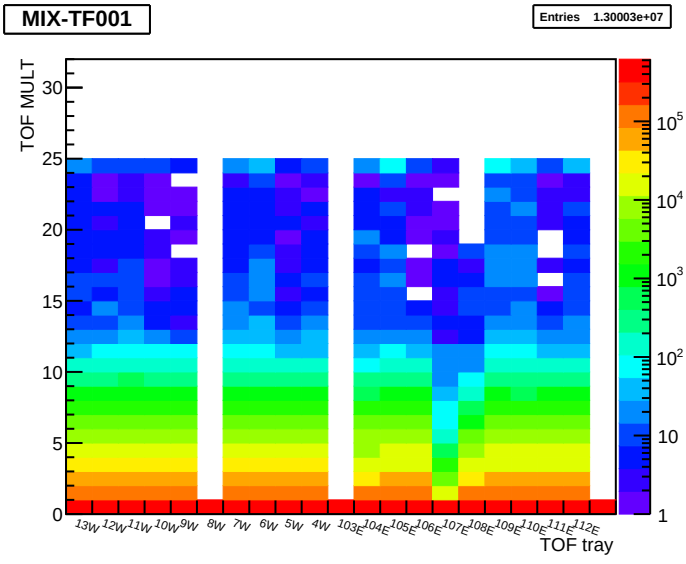

BunchId7Bit (ZDC-TAC)
Entries 799

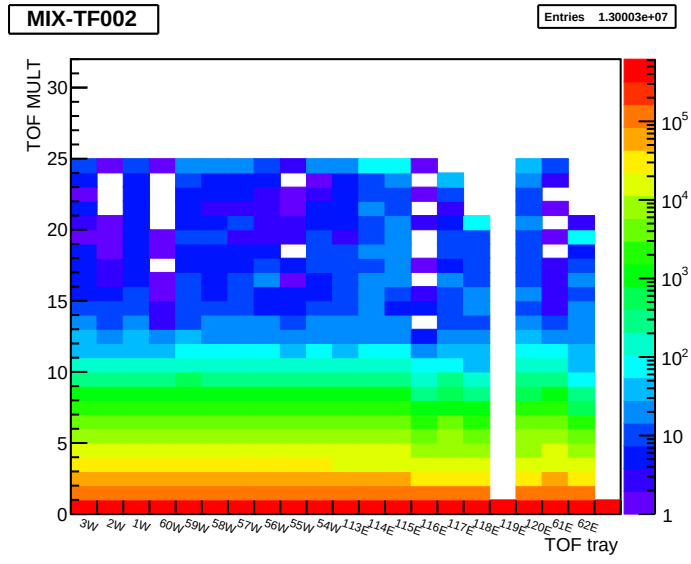

BunchId7Bit (EPD-TAC)
Entries 491088

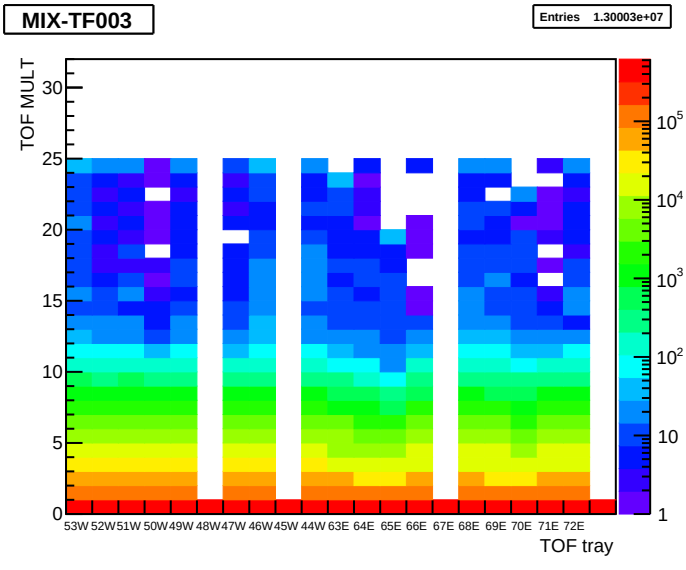

BunchId7Bit (BBC-TAC)
Entries 187673

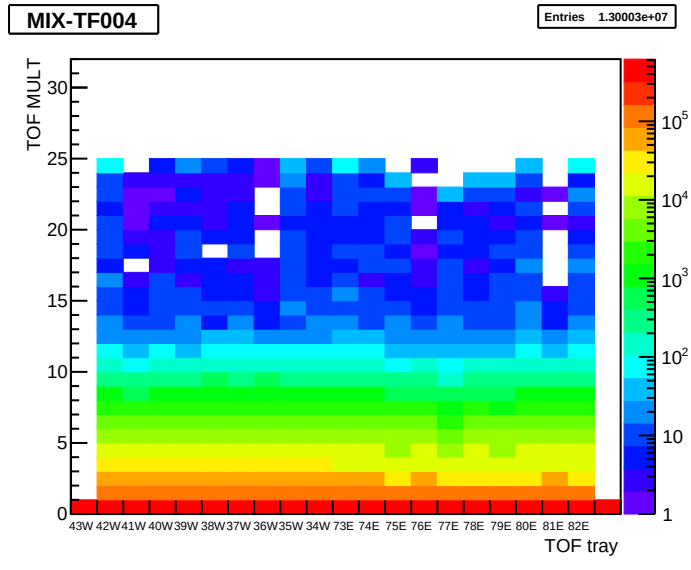

BunchId7Bit (Laser)
Entries 0

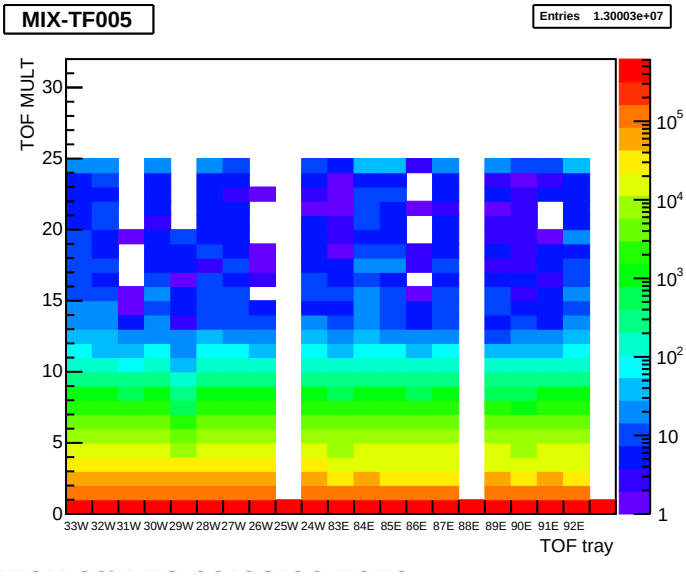

BunchId7Bit (TOFmult window)
Entries 18365

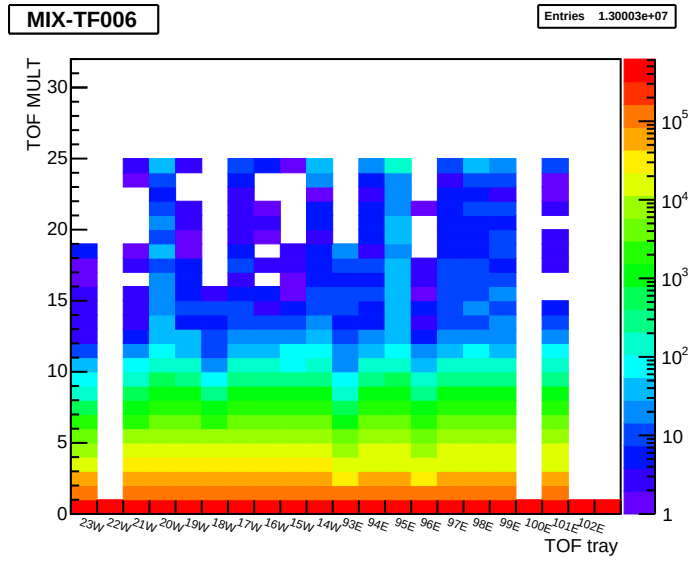

MIX-TF001
Entries 1.30003e+07
TOF MULT
TOF tray

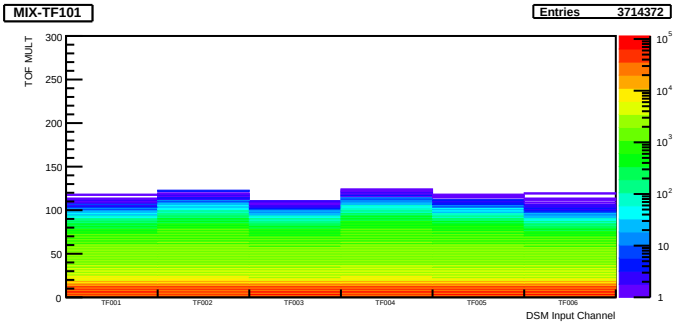

MIX-TF002
Entries 1.30003e+07
TOF MULT
TOF tray

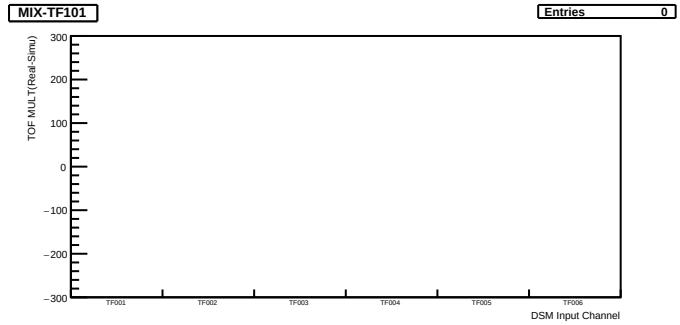

MIX-TF003
Entries 1.30003e+07
TOF MULT
TOF tray

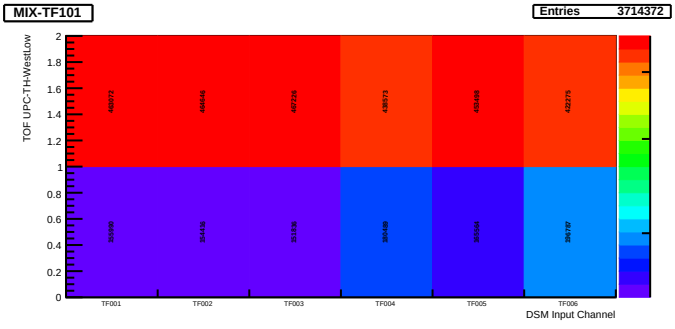

MIX-TF004
Entries 1.30003e+07
TOF MULT
TOF tray

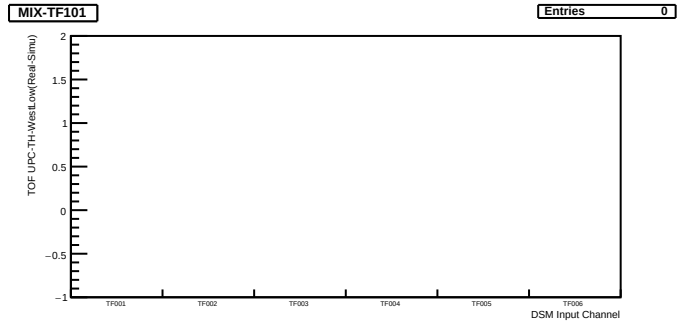

MIX-TF005
Entries 1.30003e+07
TOF MULT
TOF tray

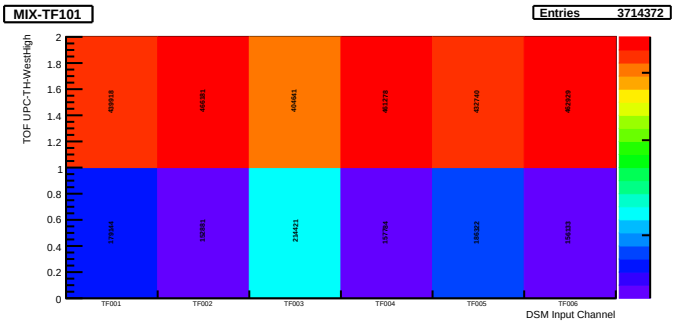

MIX-TF006
Entries 1.30003e+07
TOF MULT
TOF tray

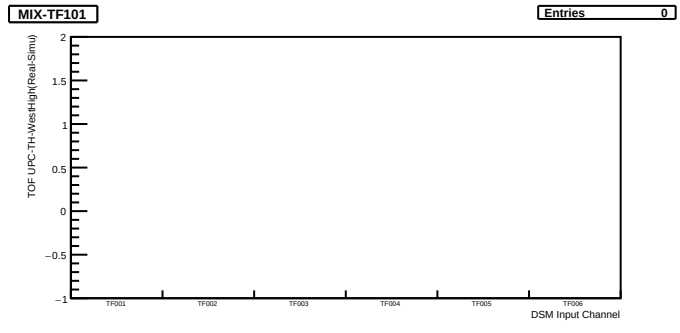

MIX-TF101
Entries 3714372
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

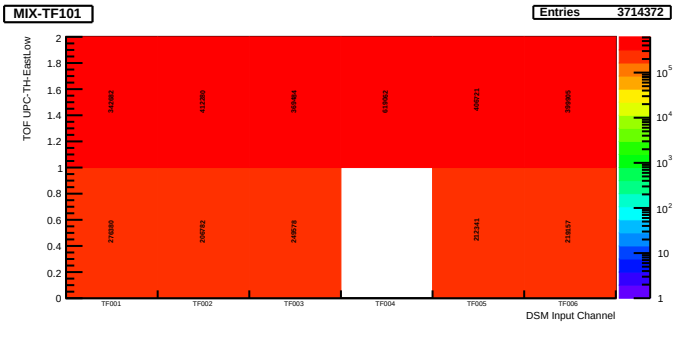

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

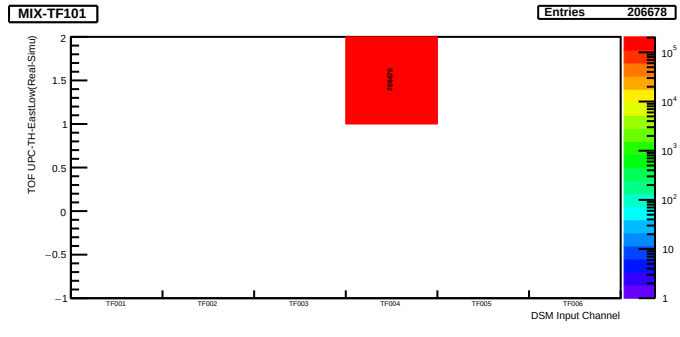

MIX-TF101
Entries 3714372
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

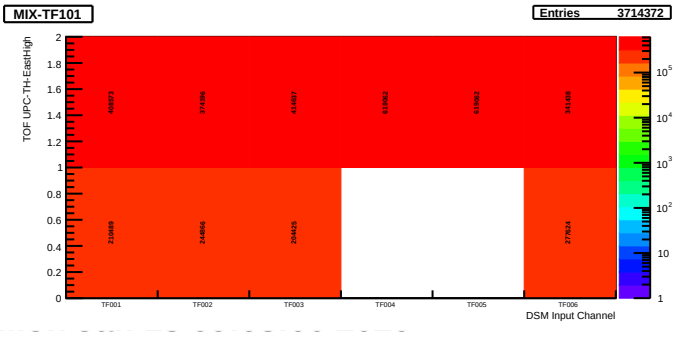

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

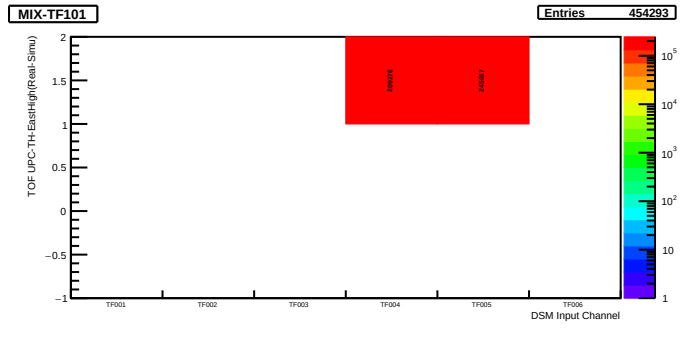

MIX-TF101
Entries 3714372
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

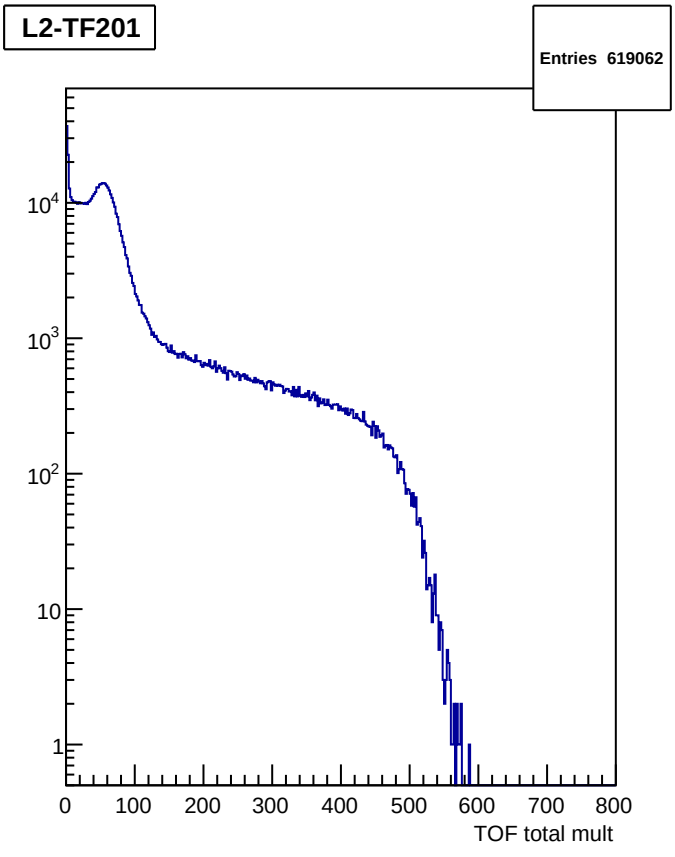

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

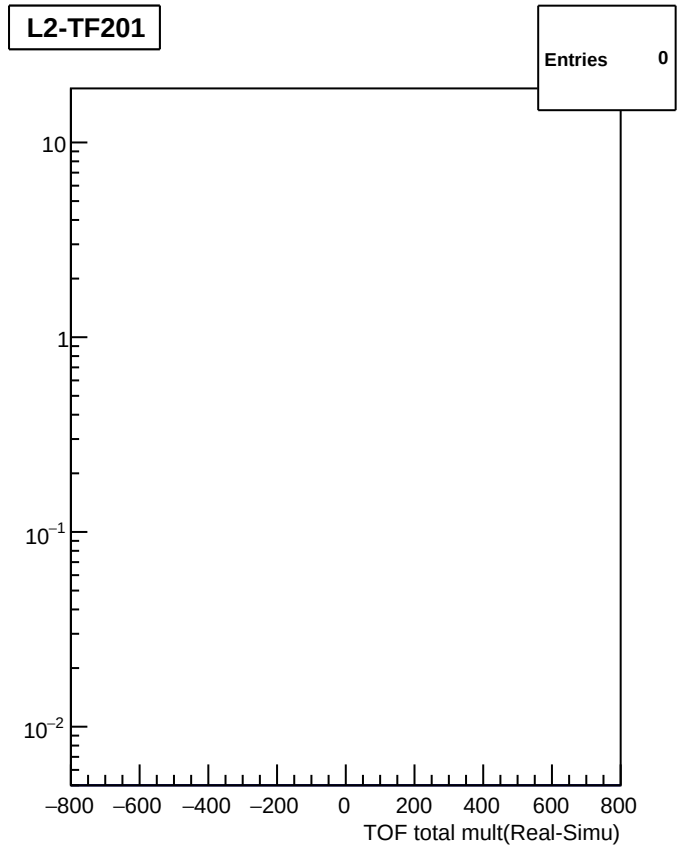

MIX-TF101
Entries 3714372
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

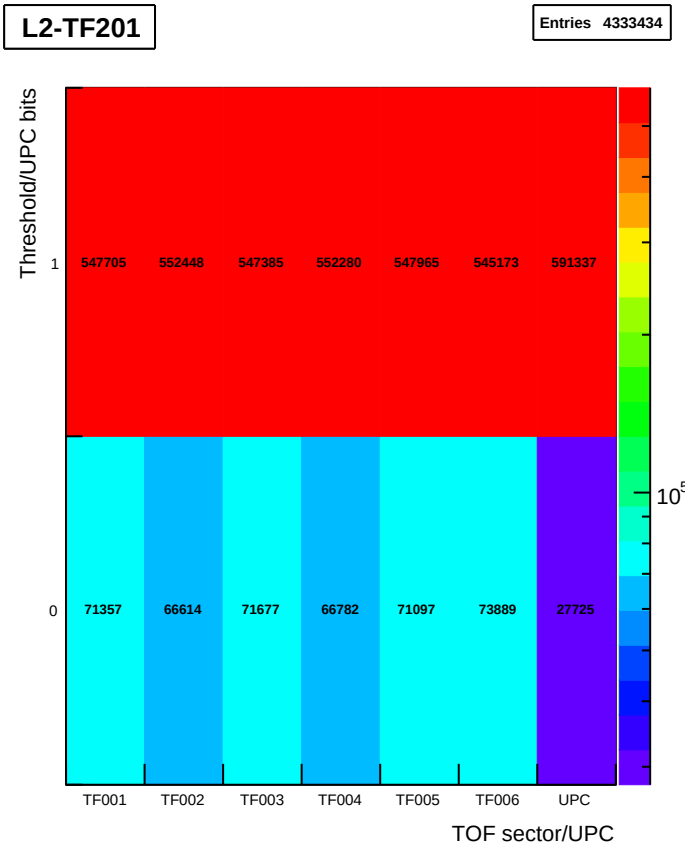

MIX-TF101
Entries 206678
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

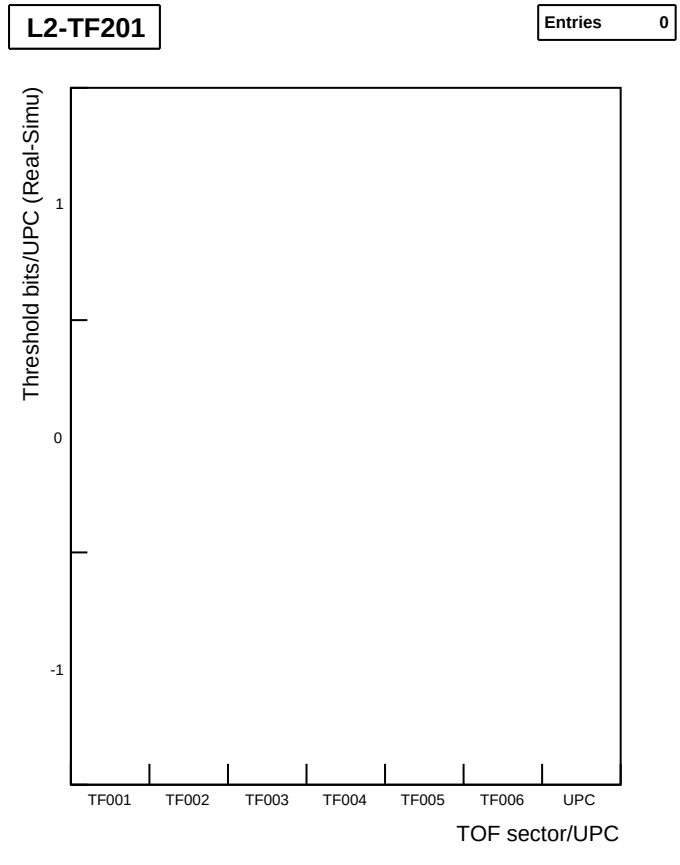

MIX-TF101
Entries 3714372
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

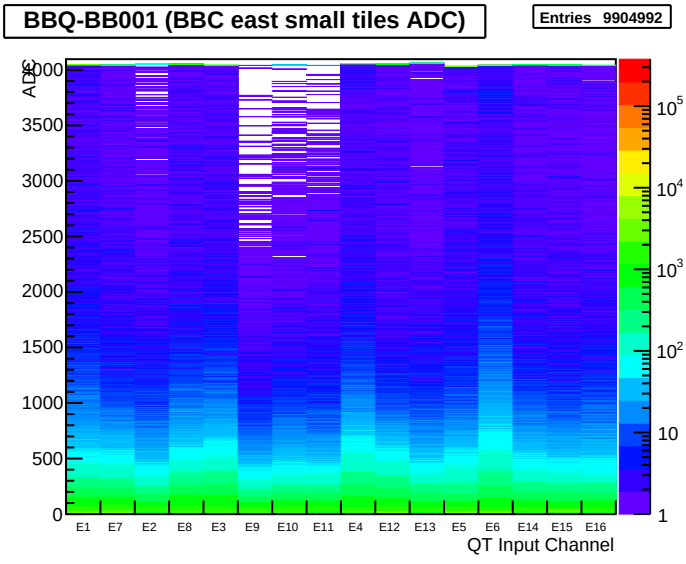

MIX-TF101
Entries 454293
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

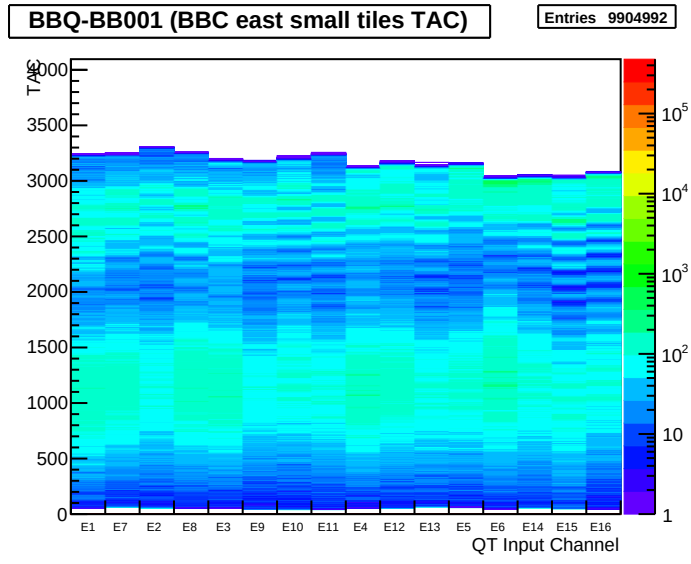

L2-TF201
Entries 619062
TOF total mult

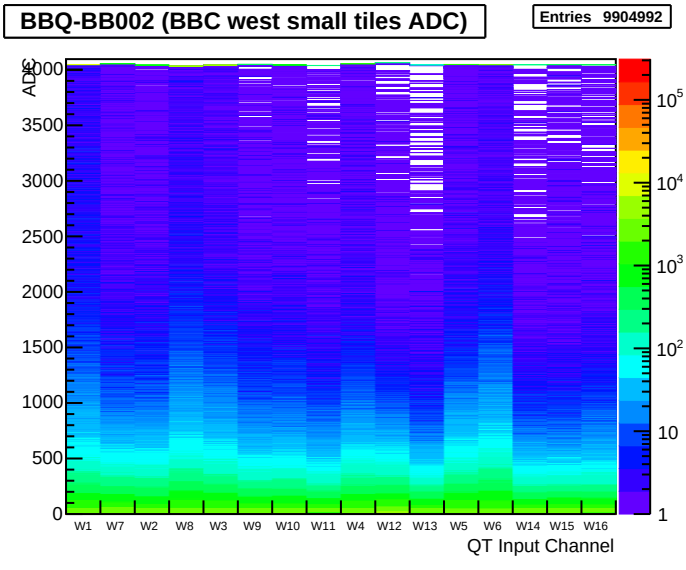

L2-TF201
Entries 0
TOF total mult(Real-Simu)

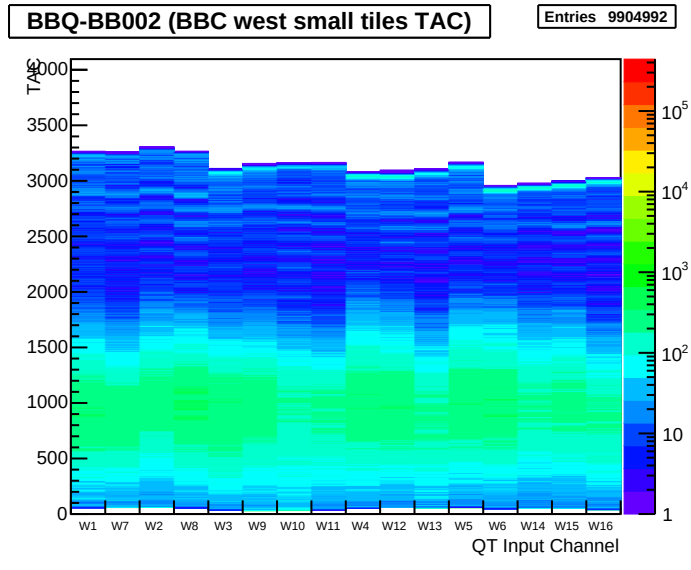

L2-TF201
Entries 4333434
Threshold/UPC bits
547705 552448 547385 552280 547965 545173 591337
71357 66614 71677 66782 71097 73889 27725
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

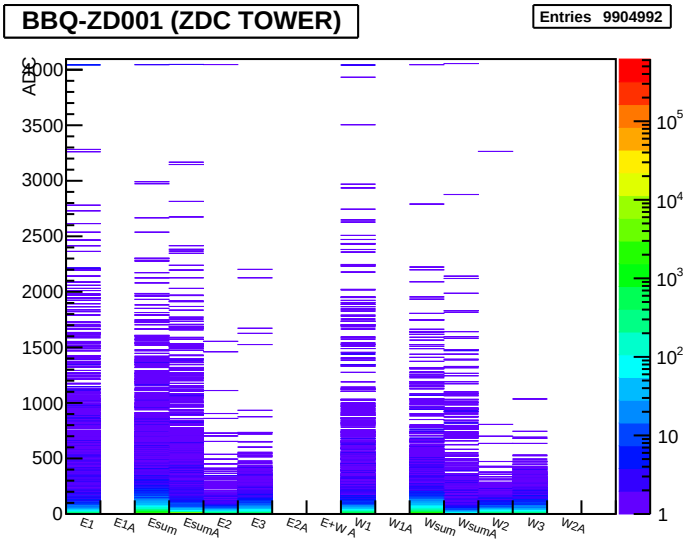

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

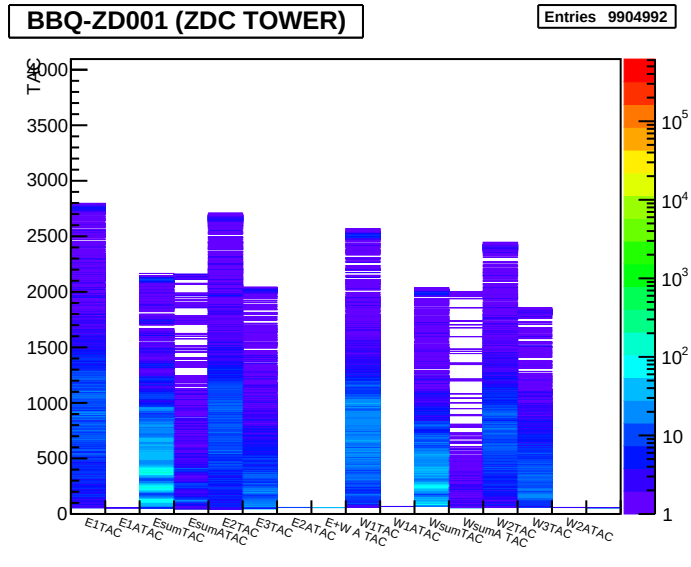

BBQ-BB001 (BBC east small tiles ADC)
Entries 9904992
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

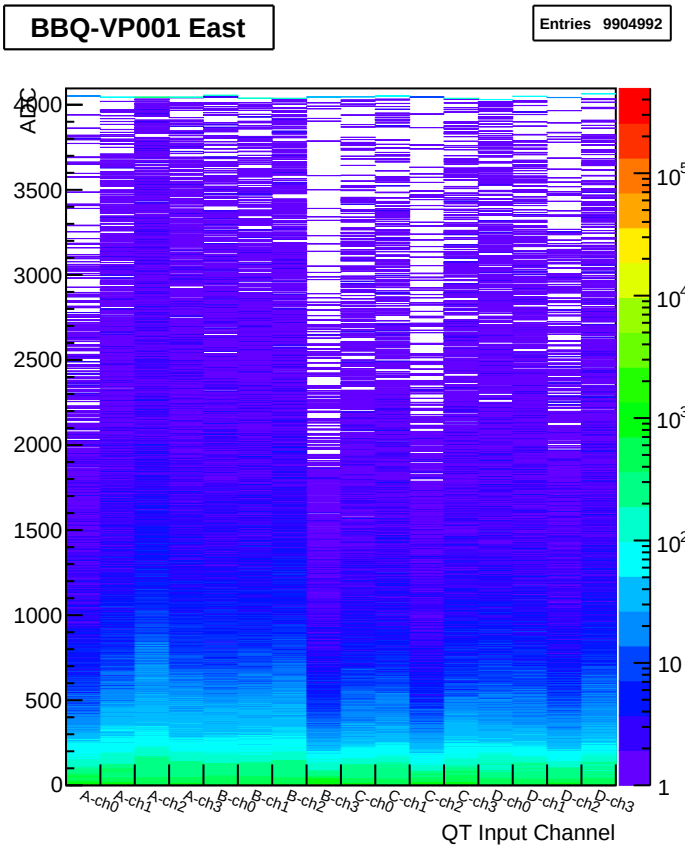

BBQ-BB001 (BBC east small tiles TAC)
Entries 9904992
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

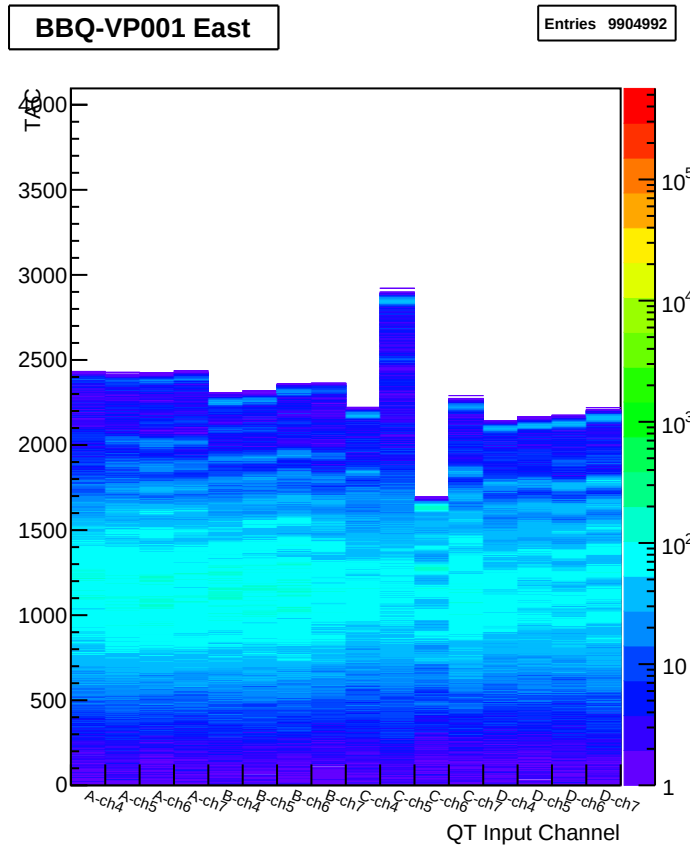

BBQ-BB002 (BBC west small tiles ADC)
Entries 9904992
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

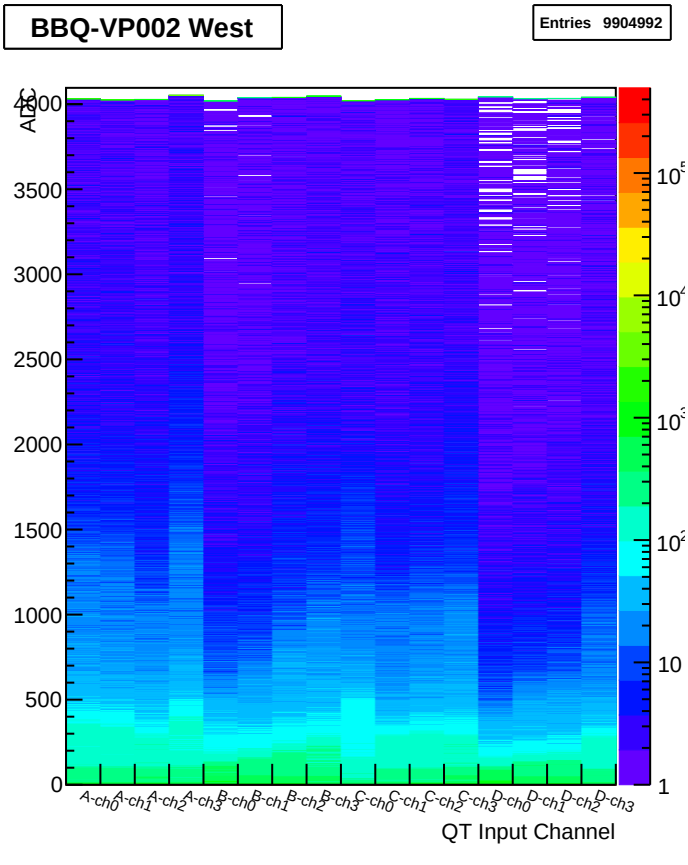

BBQ-BB002 (BBC west small tiles TAC)
Entries 9904992
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

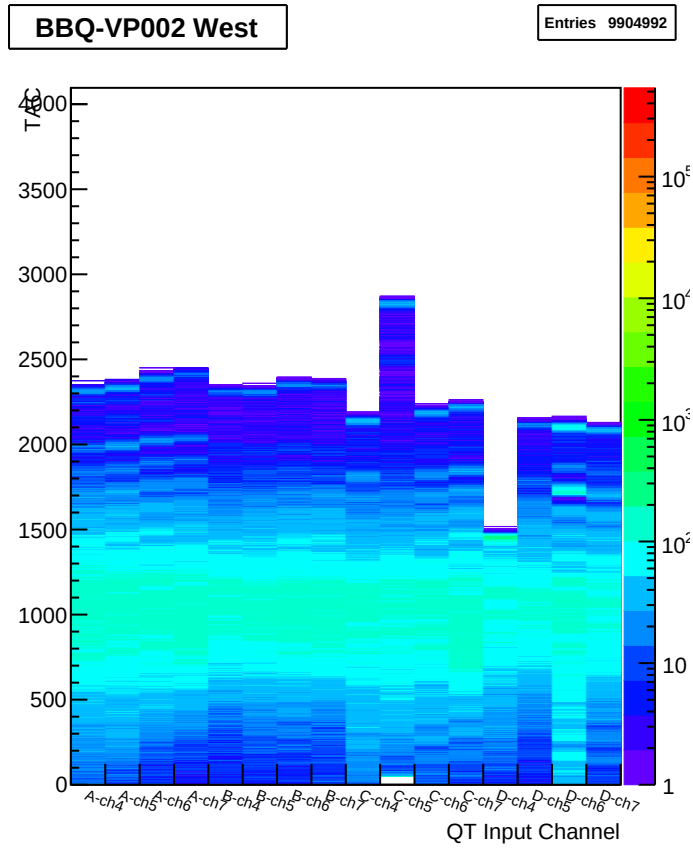

BBQ-ZD001 (ZDC TOWER)
Entries 9904992
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

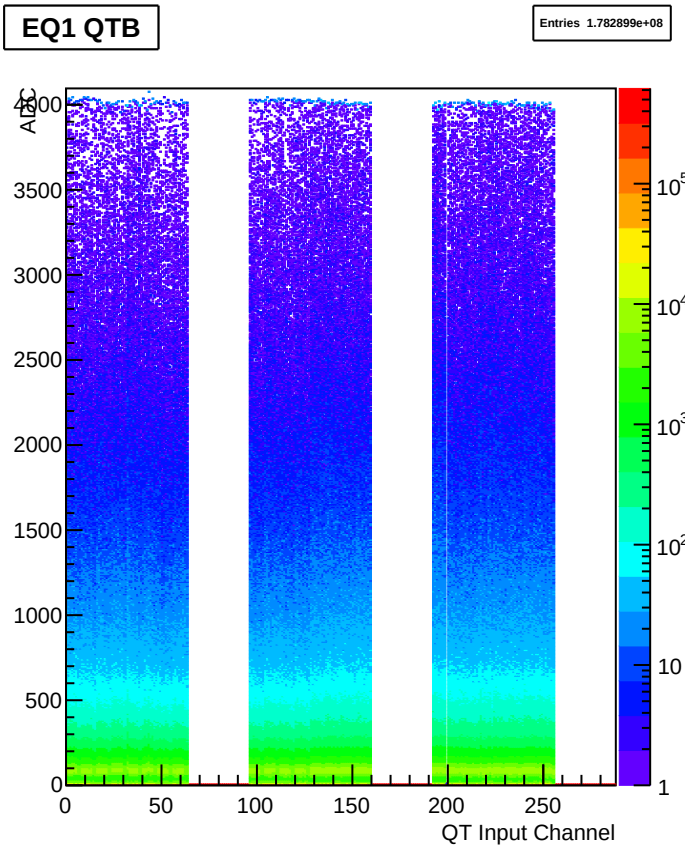

BBQ-ZD001 (ZDC TOWER)
Entries 9904992
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

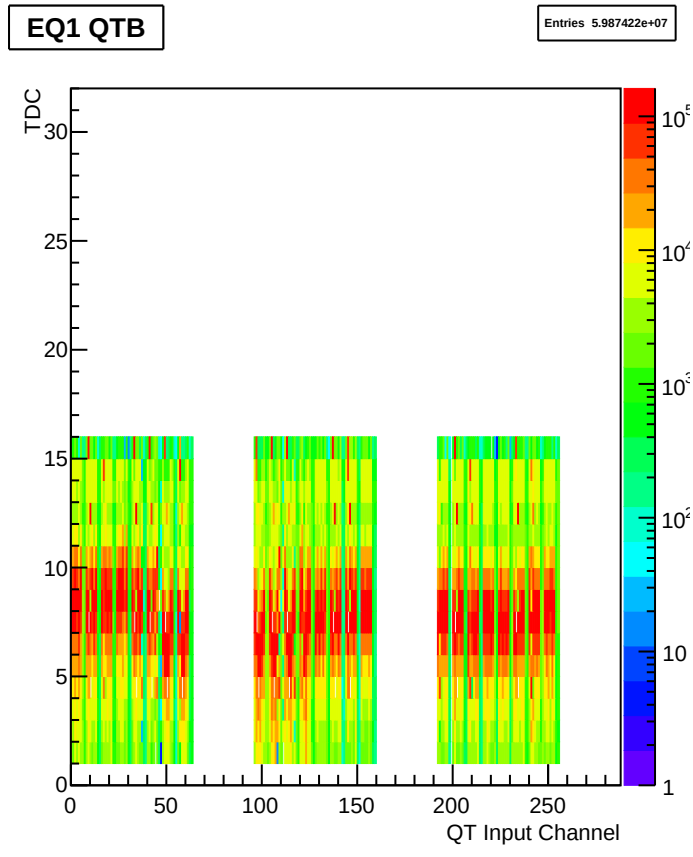

BBQ-VP001 East
Entries 9904992
ADC
QT Input Channel

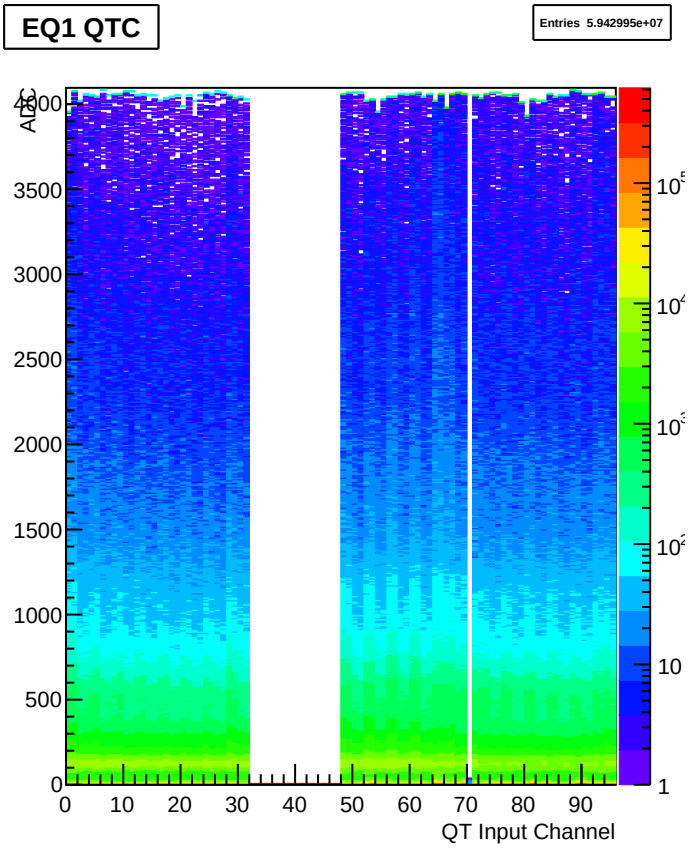

BBQ-VP001 East
Entries 9904992
TADC
QT Input Channel

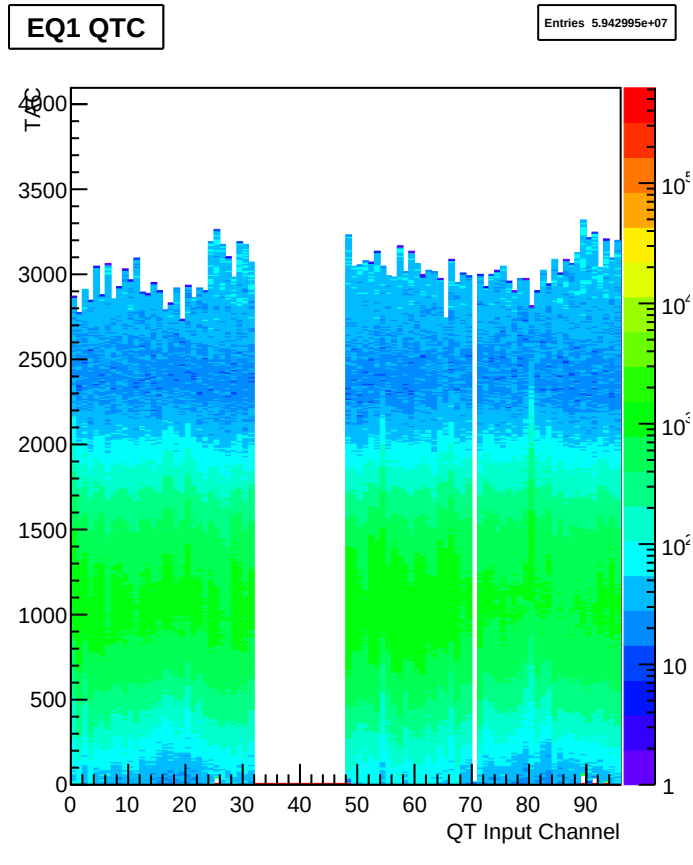

BBQ-VP002 West
Entries 9904992
ADC
QT Input Channel

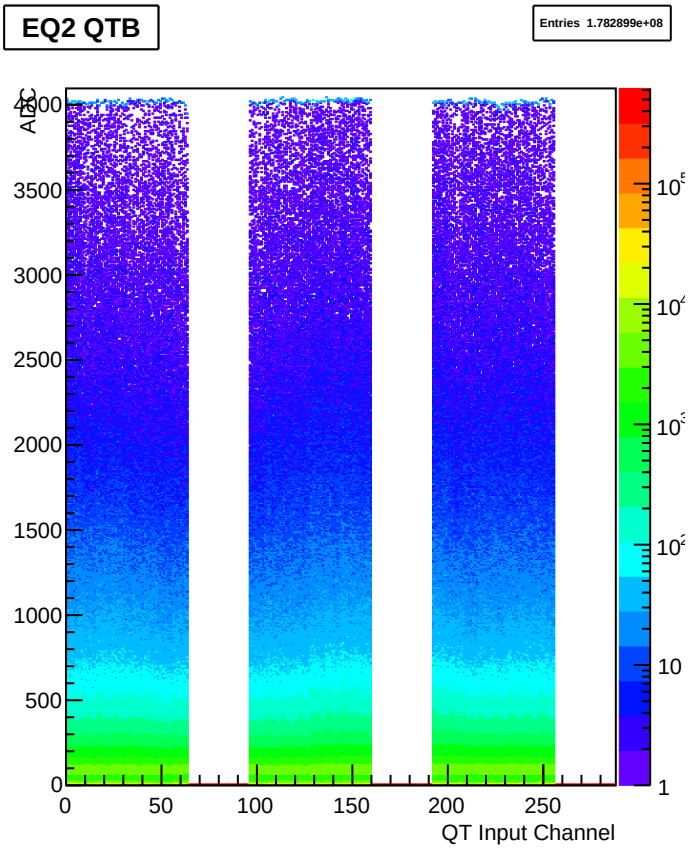

BBQ-VP002 West
Entries 9904992
TADC
QT Input Channel

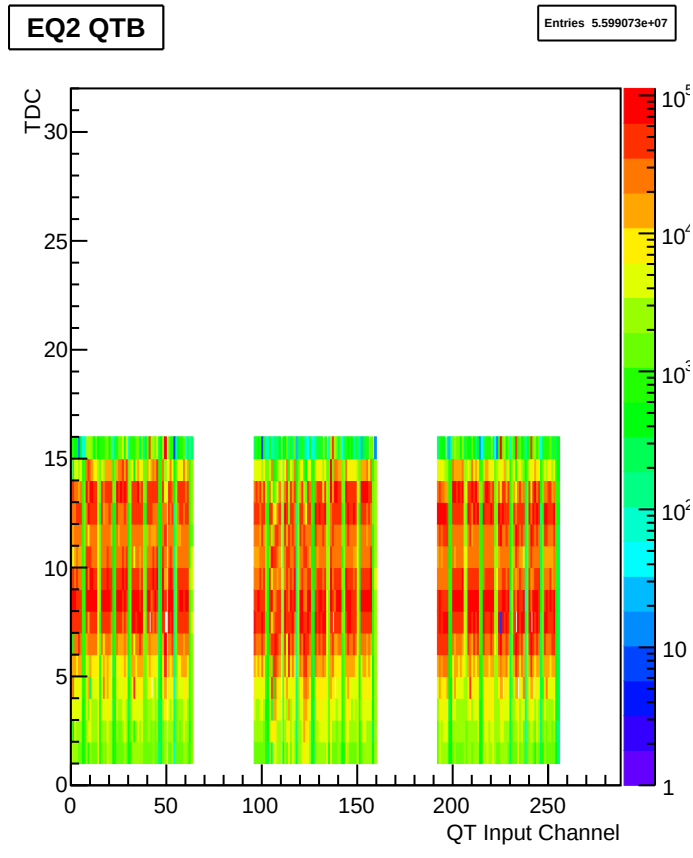

EQ1 QTB
Entries 1.782899e+08
ADC
QT Input Channel

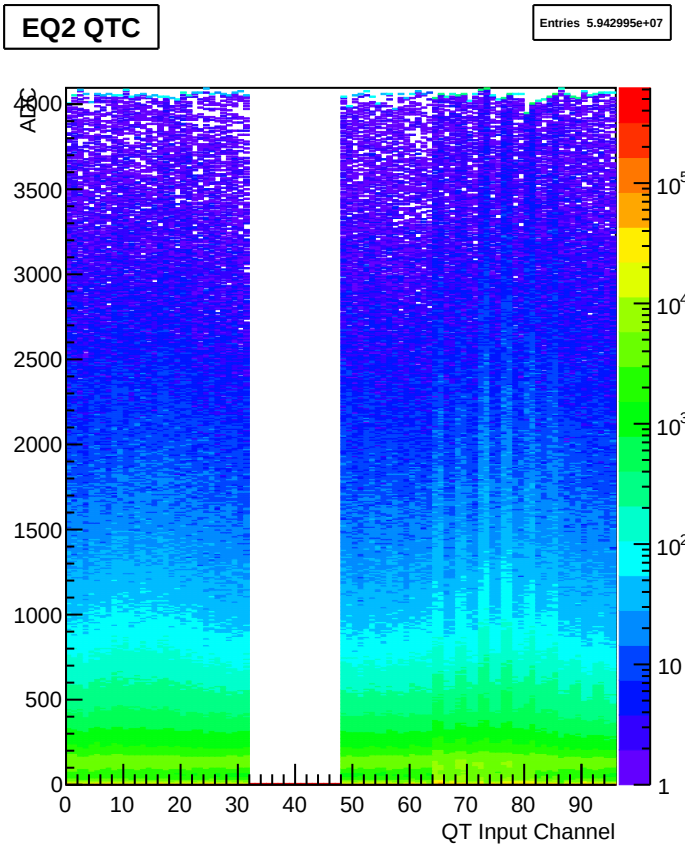

EQ1 QTB
Entries 5.987422e+07
TDC
QT Input Channel

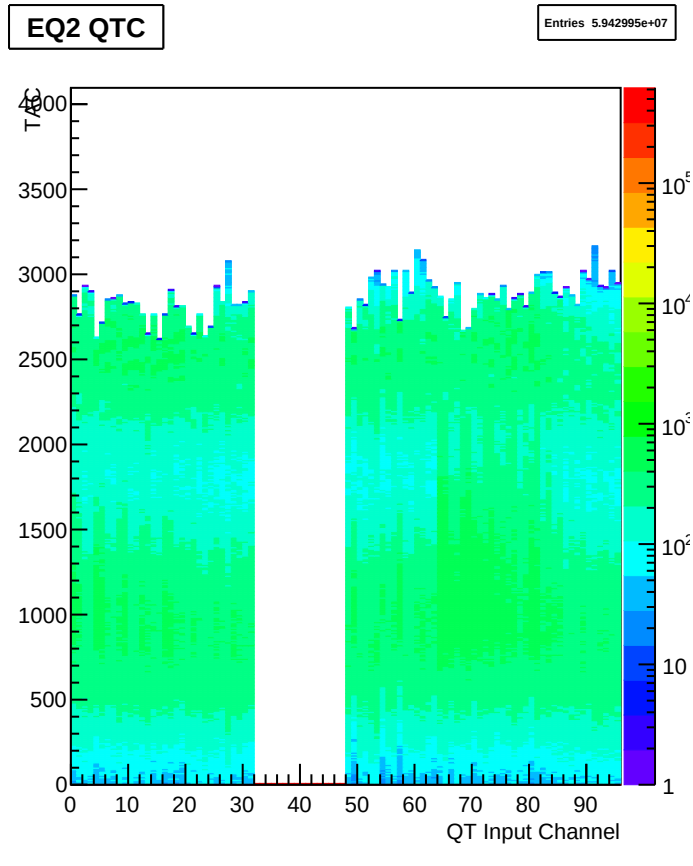

EQ1 QTC
Entries 5.942995e+07
ADC
QT Input Channel

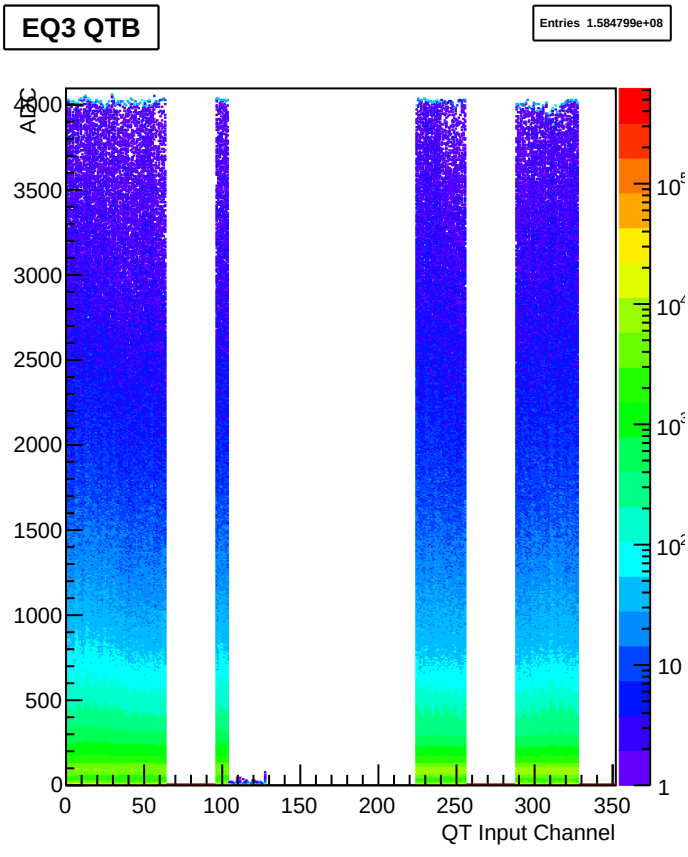

EQ1 QTC
Entries 5.942995e+07
TADC
QT Input Channel

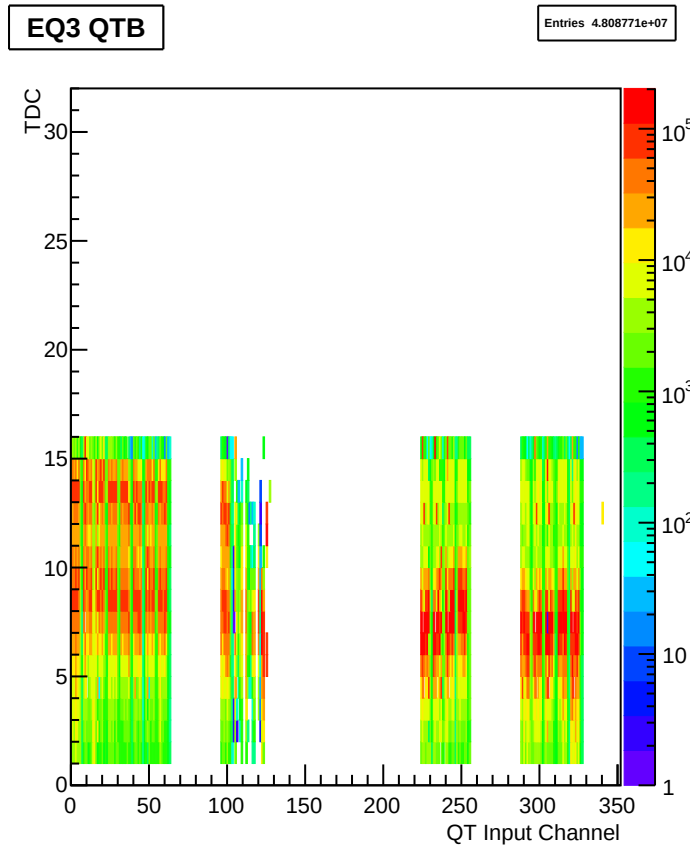

EQ2 QTB
Entries 1.782899e+08
ADC
QT Input Channel

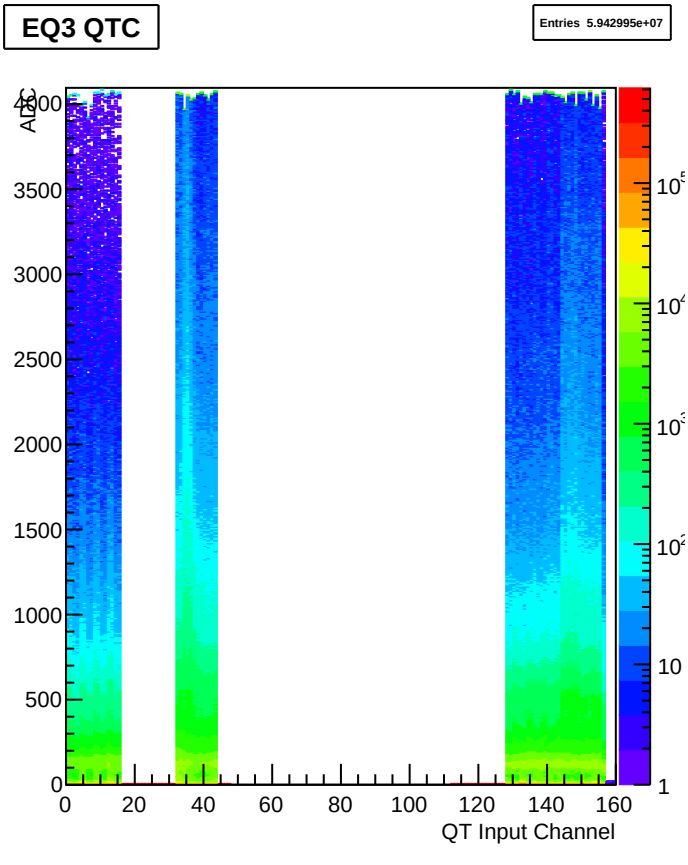

EQ2 QTB
Entries 5.599073e+07
TDC
QT Input Channel

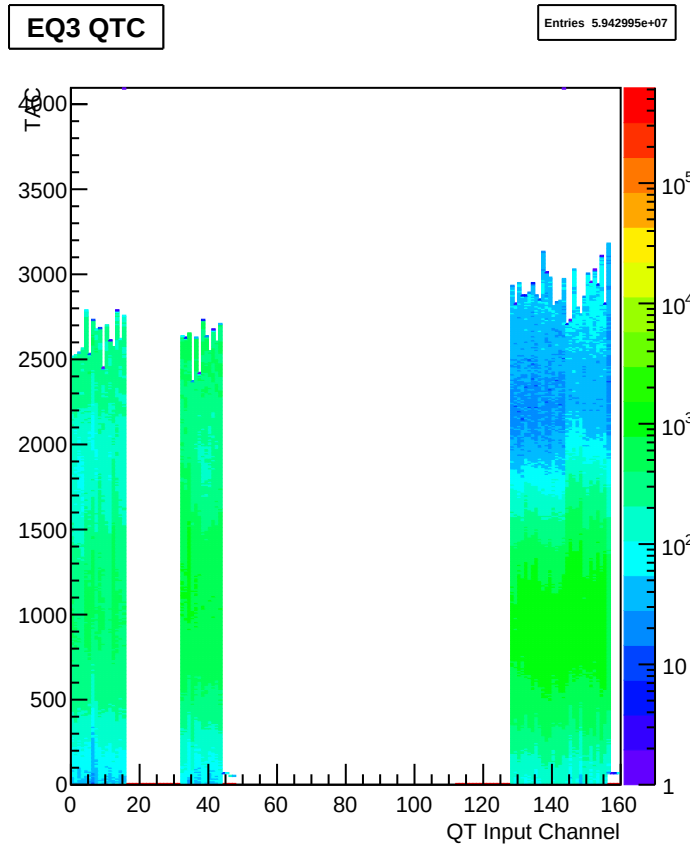

EQ2 QTC
Entries 5.942995e+07
ADC
QT Input Channel

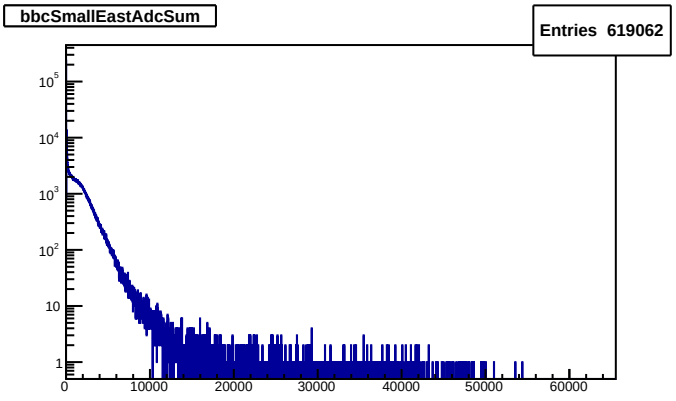

EQ2 QTC
Entries 5.942995e+07
TADC
QT Input Channel

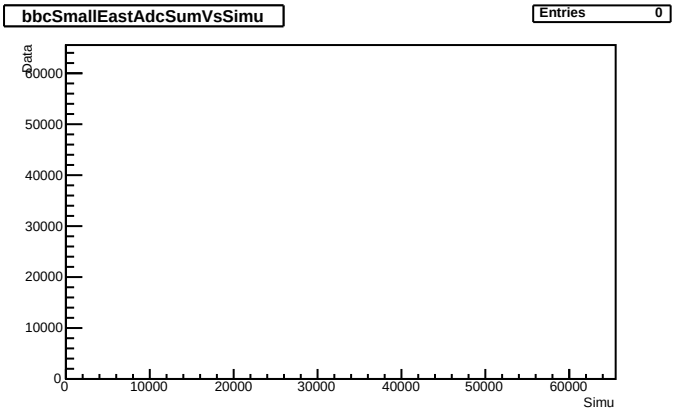

EQ3 QTB
Entries 1.584799e+08
ADC
QT Input Channel

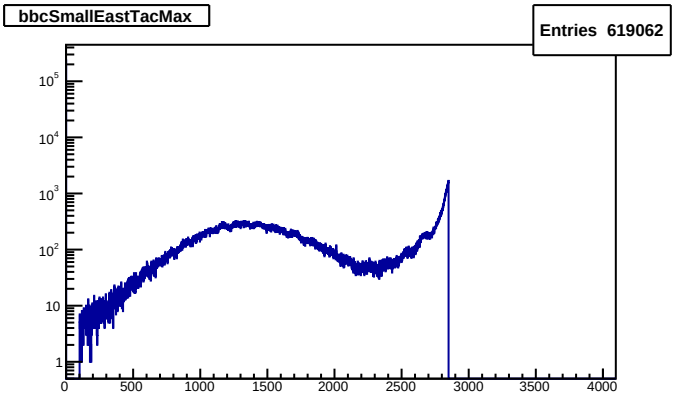

EQ3 QTB
Entries 4.808771e+07
TDC
QT Input Channel

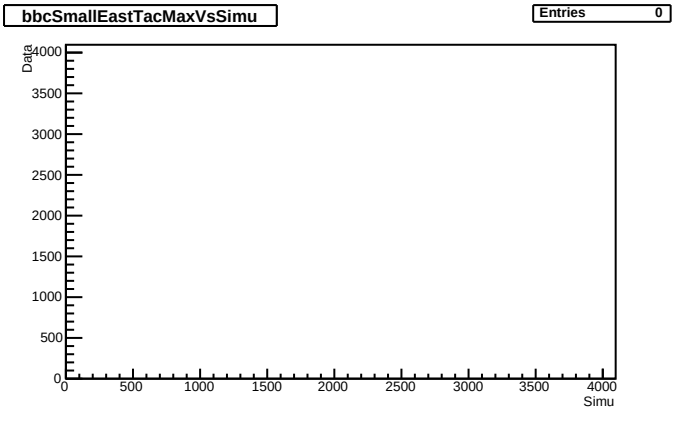

EQ3 QTC
Entries 5.942995e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.942995e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 619062


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 619062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Entries 0
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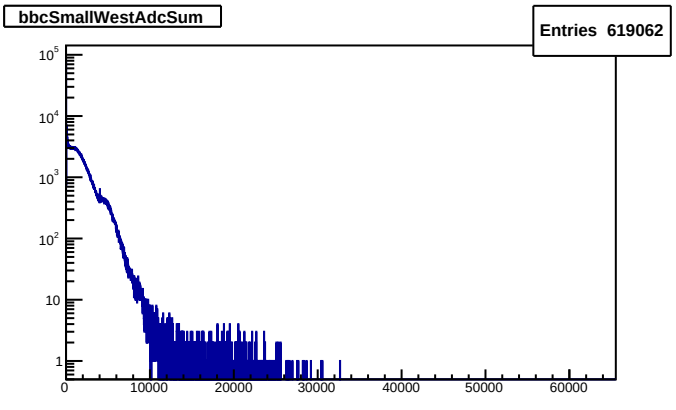
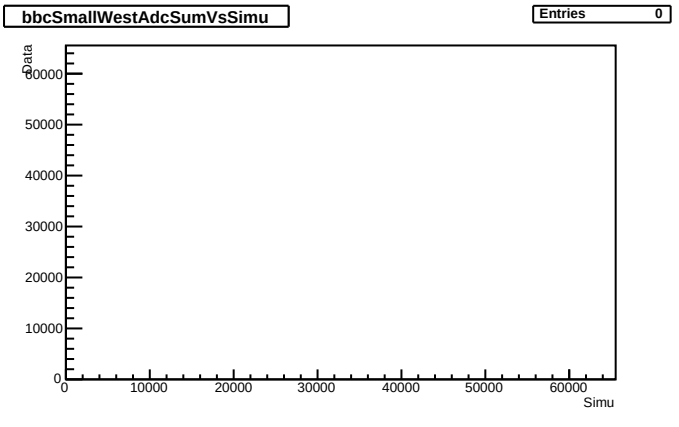
Simu


bbcSmallWestAdcSum
Entries 619062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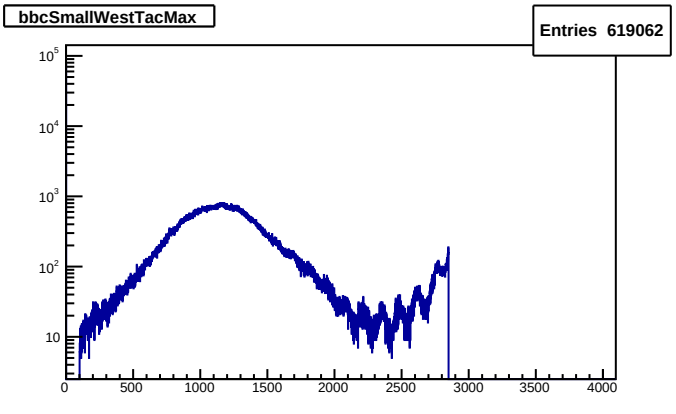
Entries 0
Data
Simu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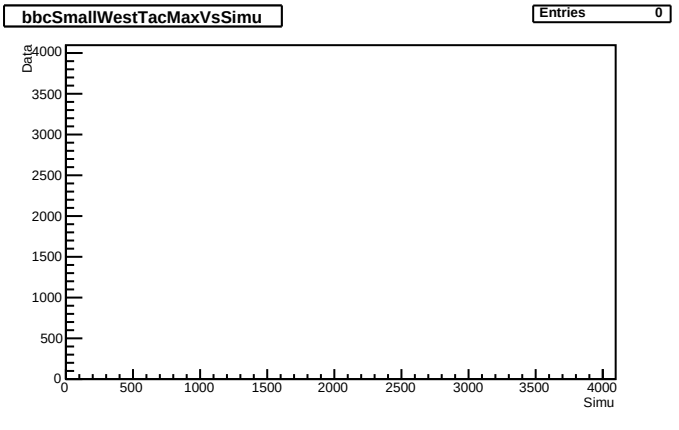
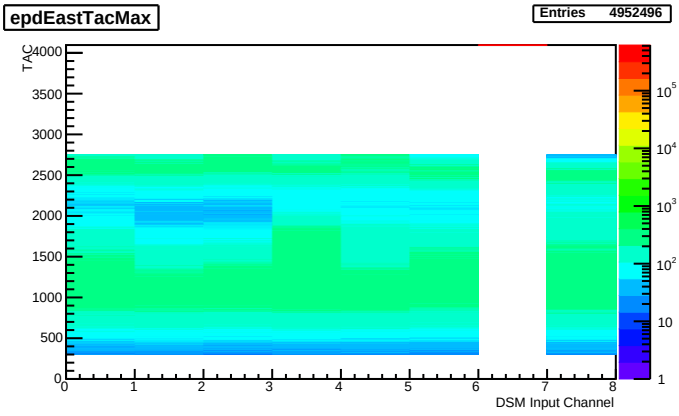
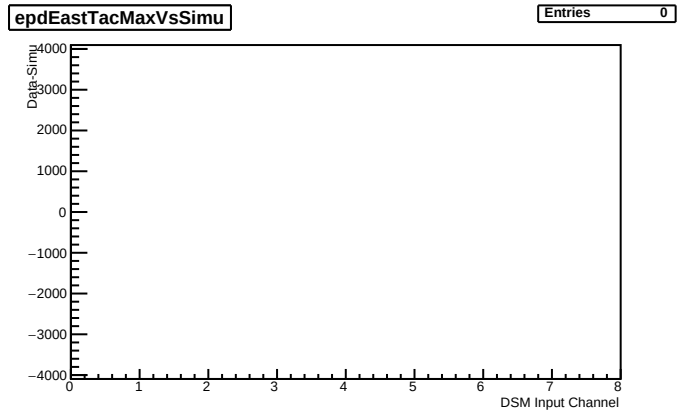
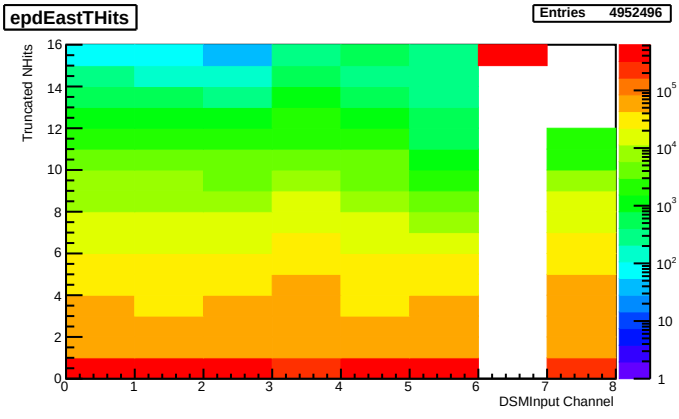
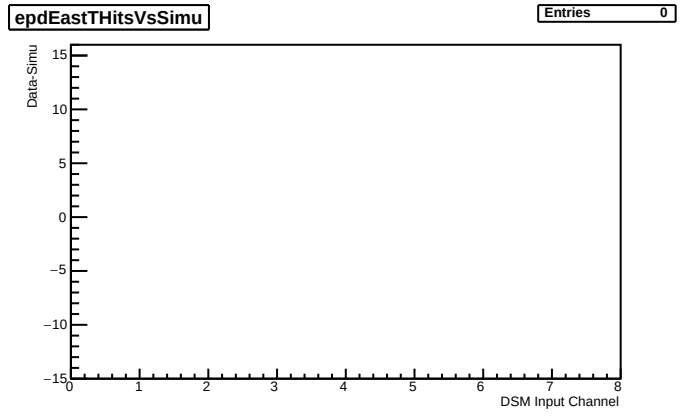
Entries 619062


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 4952496
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4952496
Truncated NHits
DSMInput Channel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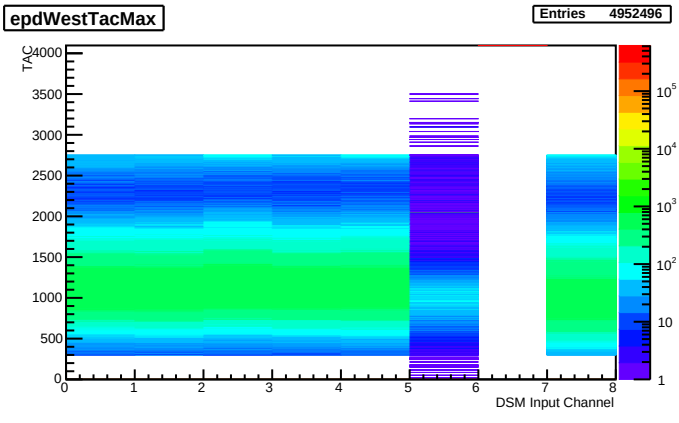
Data-Simu
DSM Input Channel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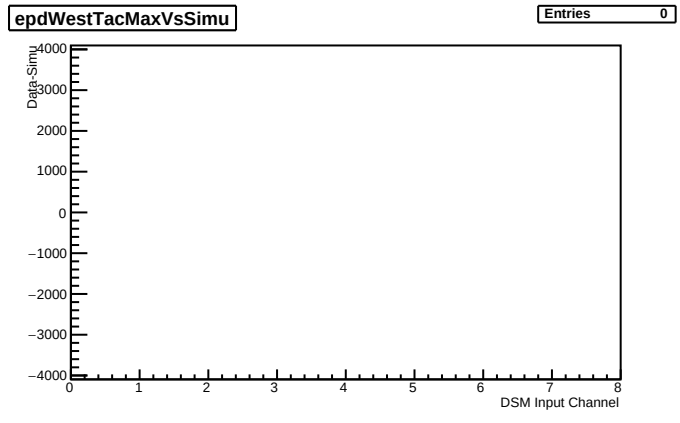
Entries 4952496
TAC
DSM Input Channel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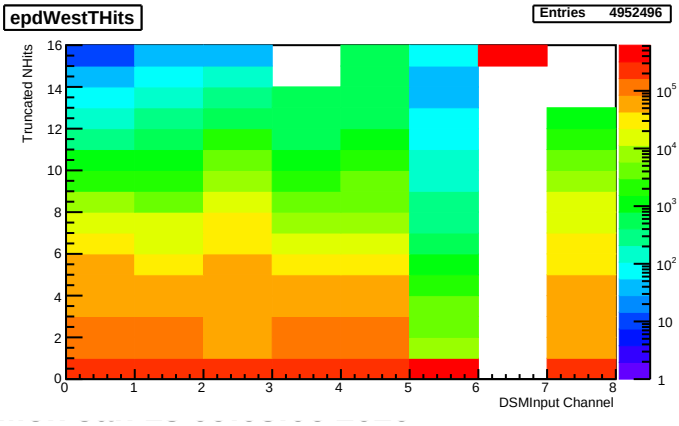
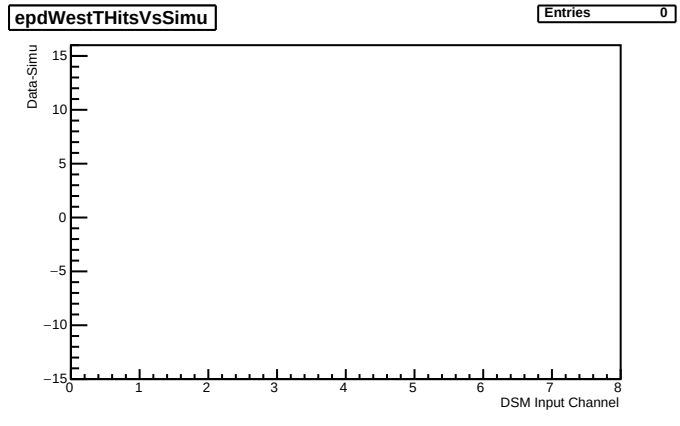
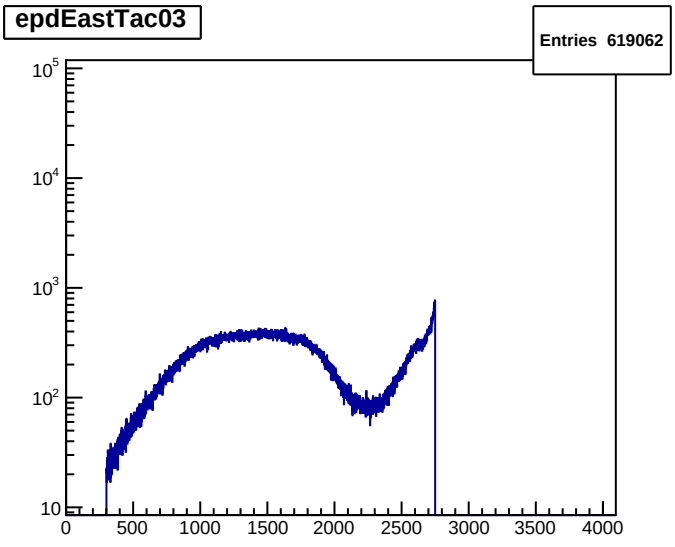
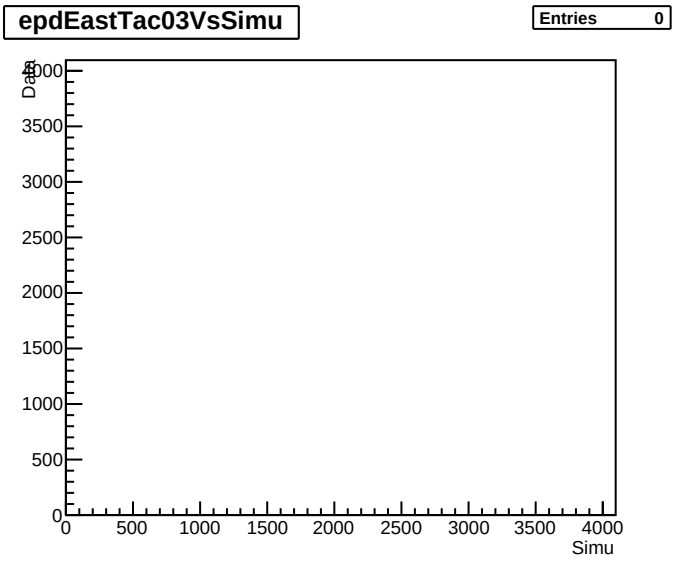
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4952496
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 619062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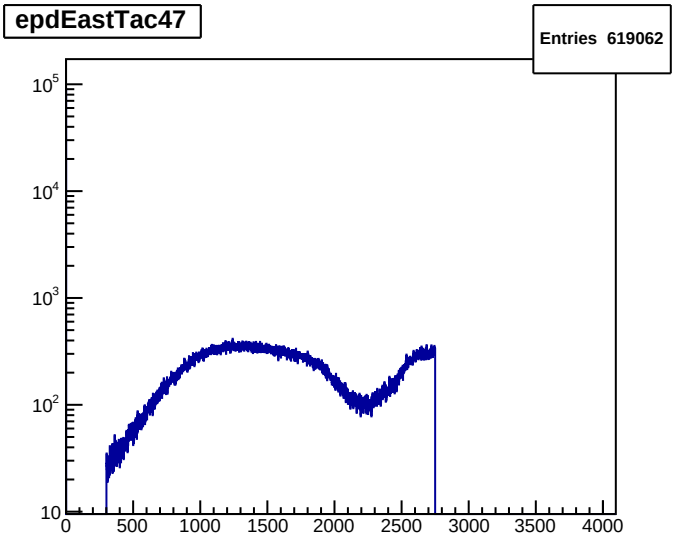
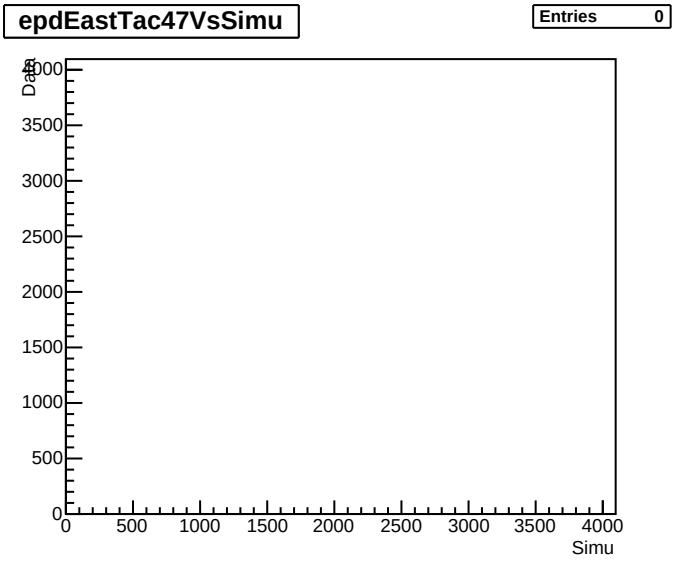
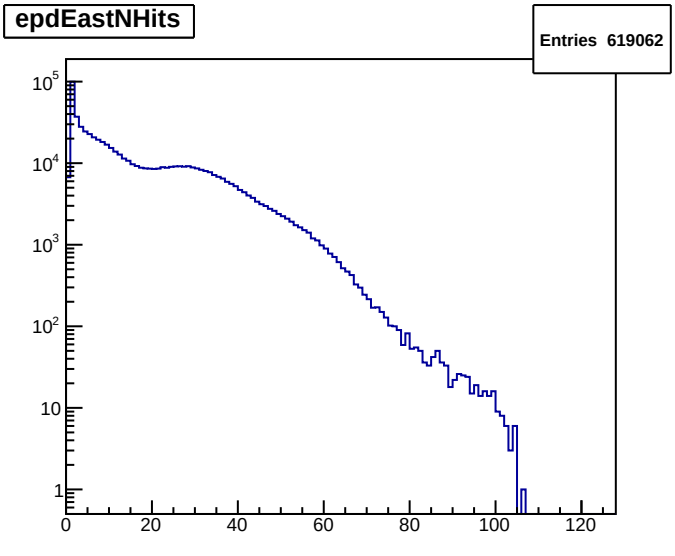
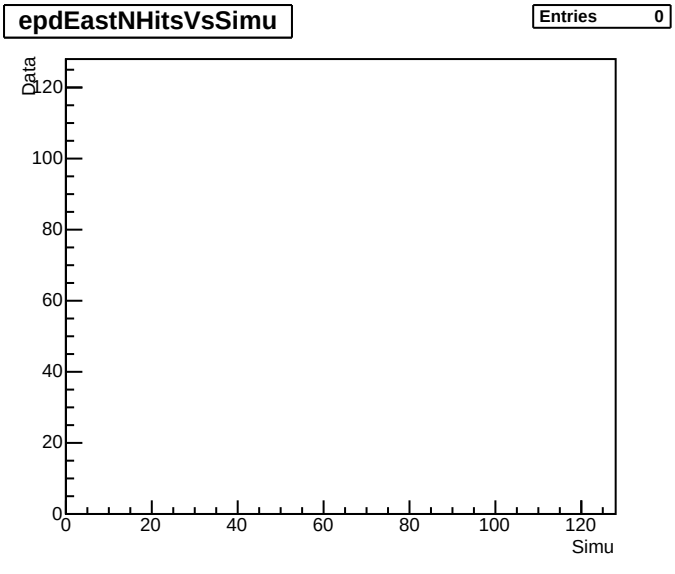
Entries 0
Data
Simu


epdEastTac47
Entries 619062


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 619062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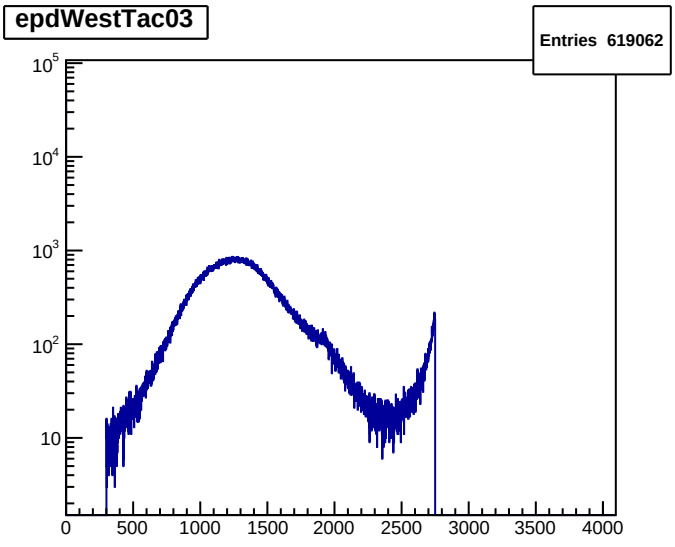
Entries 0
Data
Simu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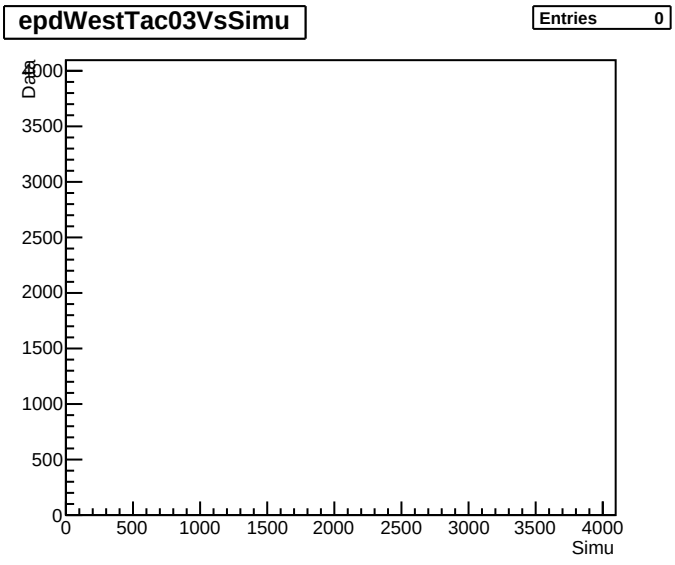
Entries 619062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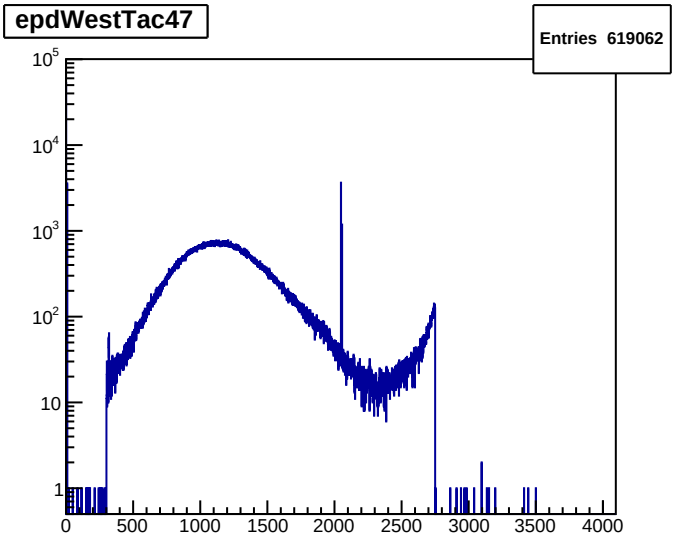
Entries 0
Data
Simu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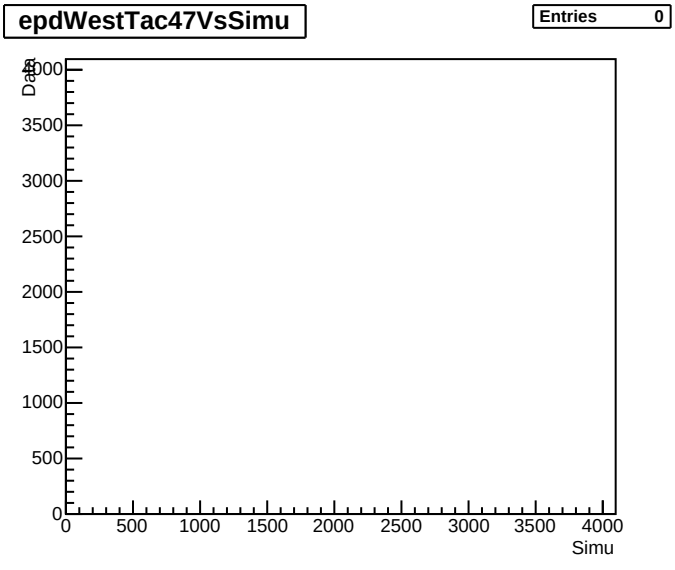
Entries 619062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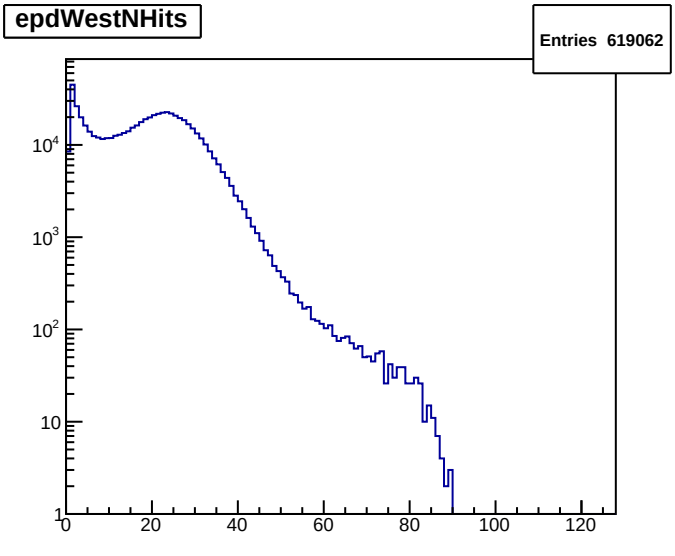
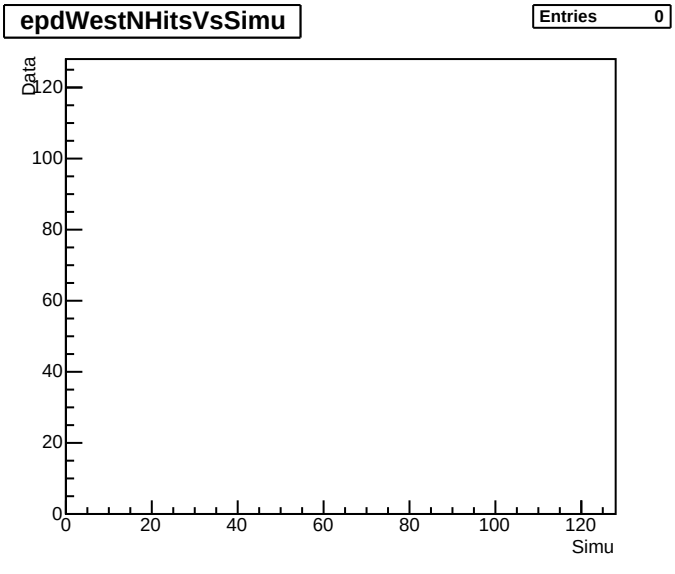
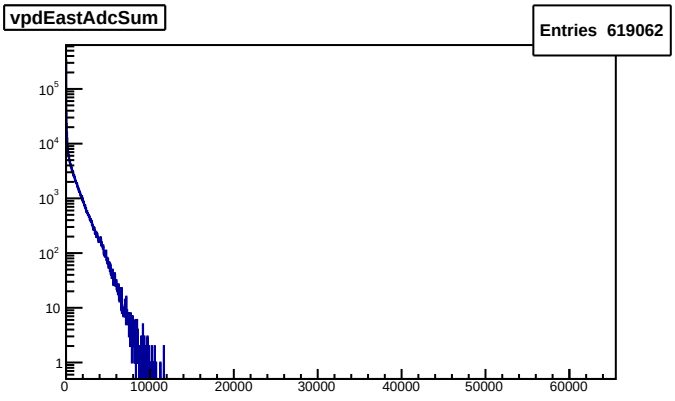
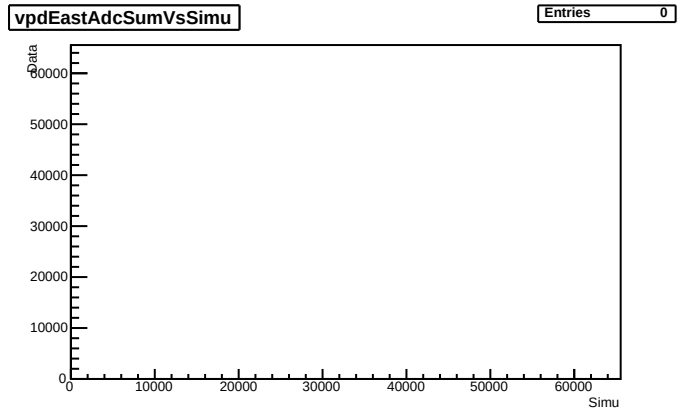
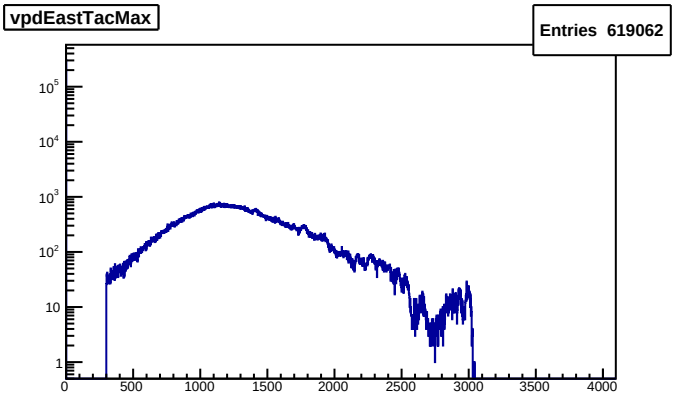
Entries 0
Data
Simu

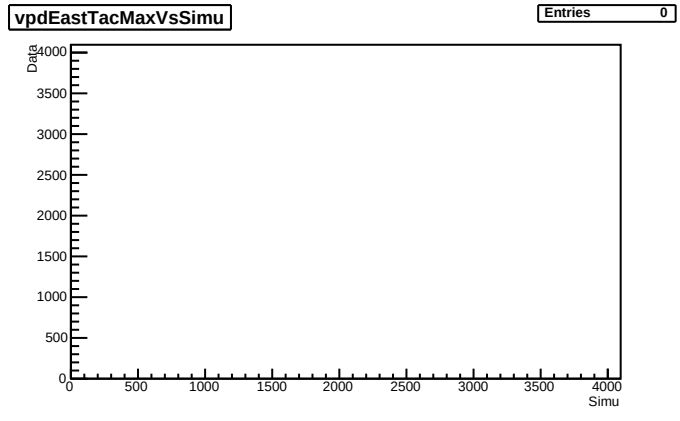

epdWestNHits
Entries 619062


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 619062


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 619062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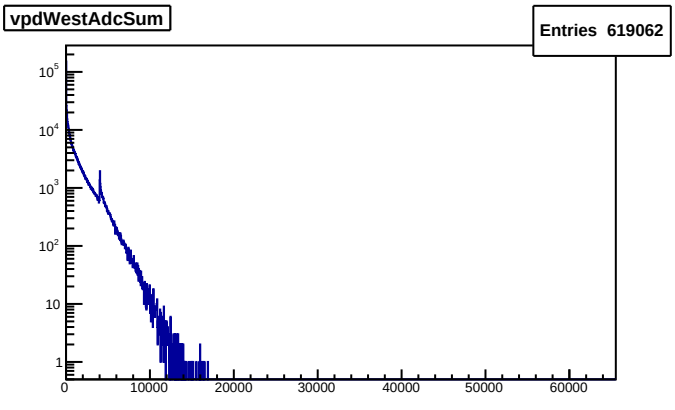
Entries 0
Data
Simu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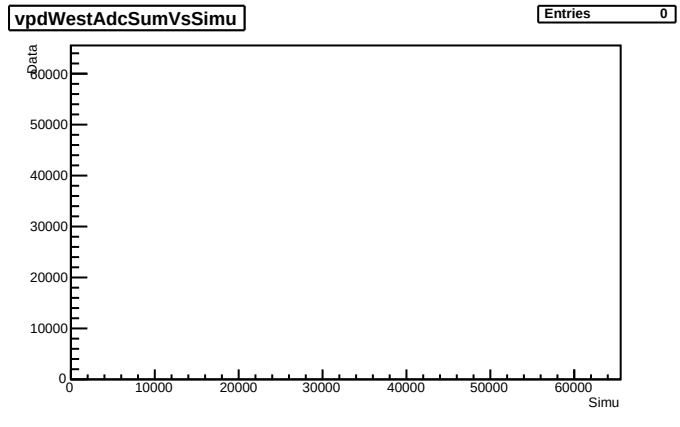
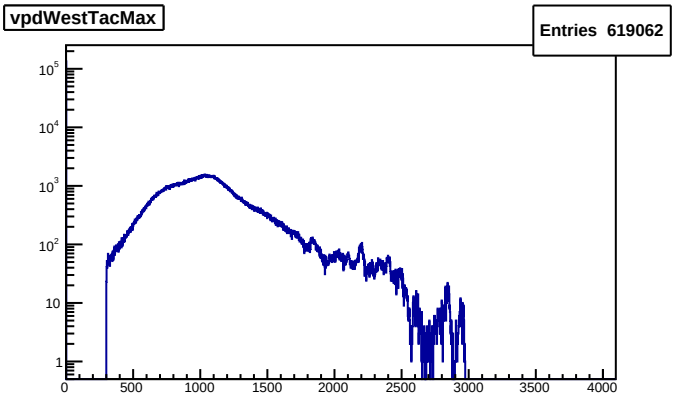
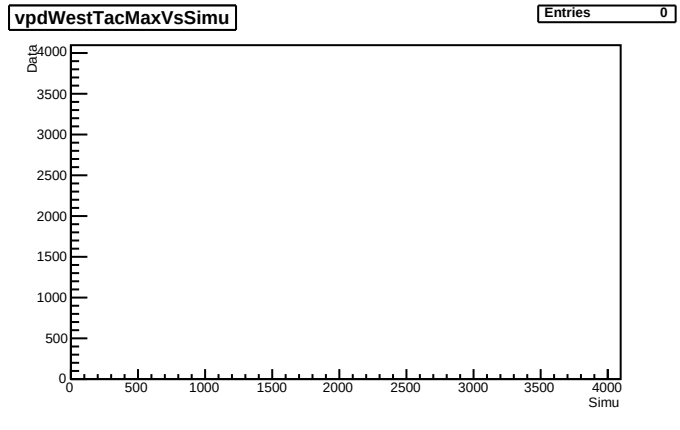
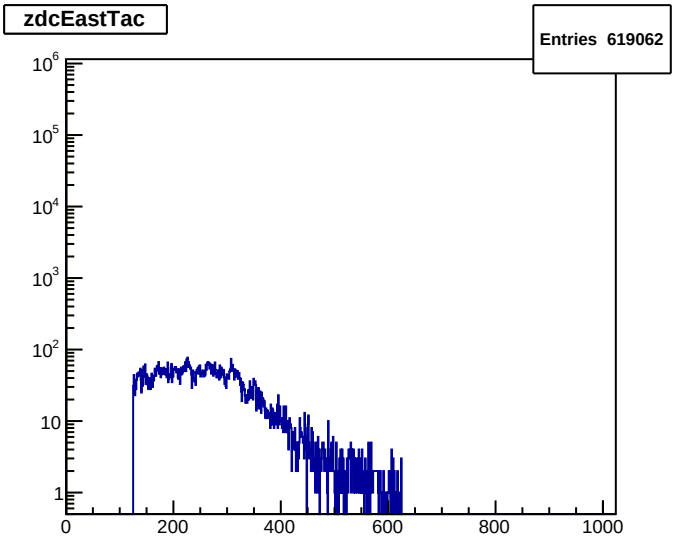
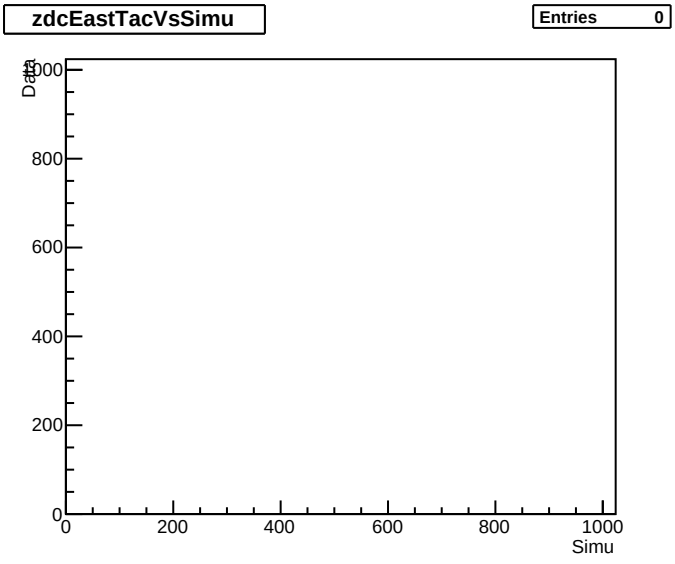
Entries 619062

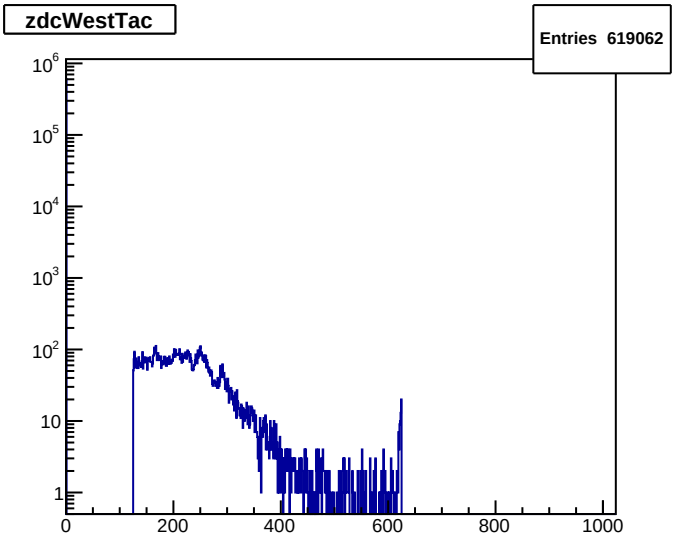

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

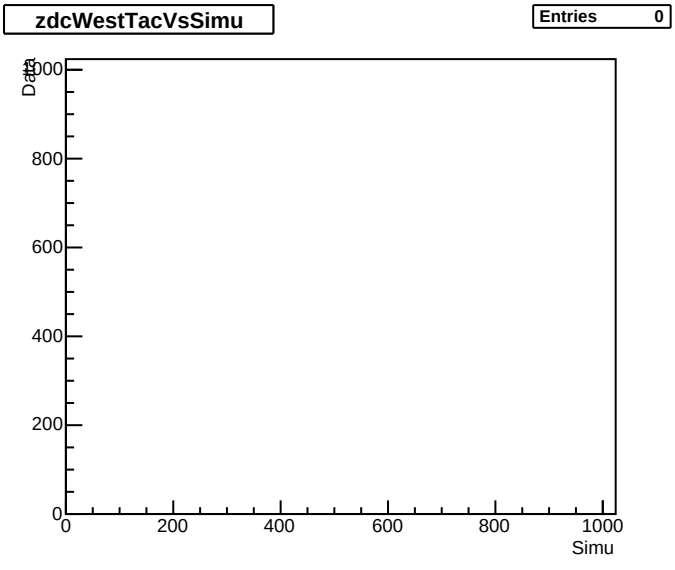

vpdWestTacMax
Entries 619062

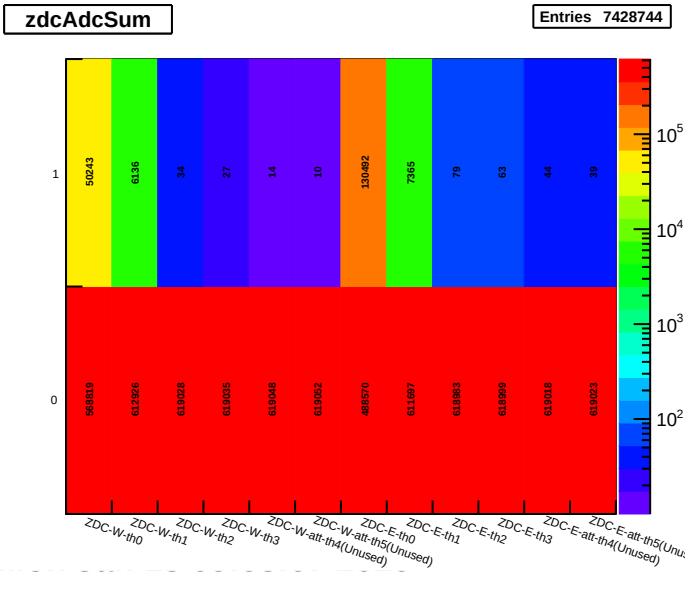

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

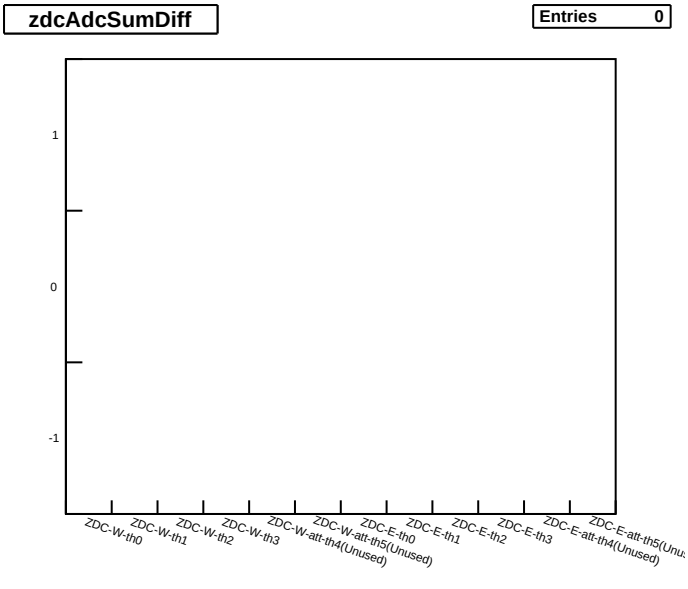

zdcEastTac
Entries 619062

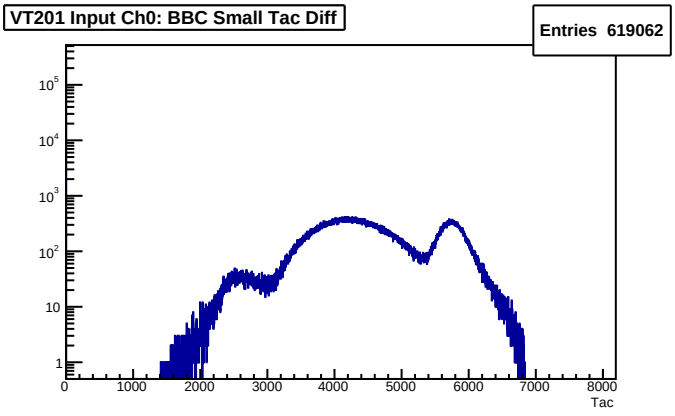

zdcEastTacVsSimu
Entries 0
Data
Simu

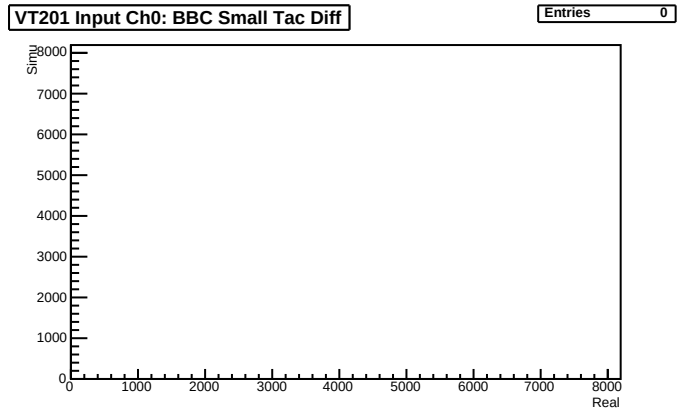

zdcWestTac
Entries 619062

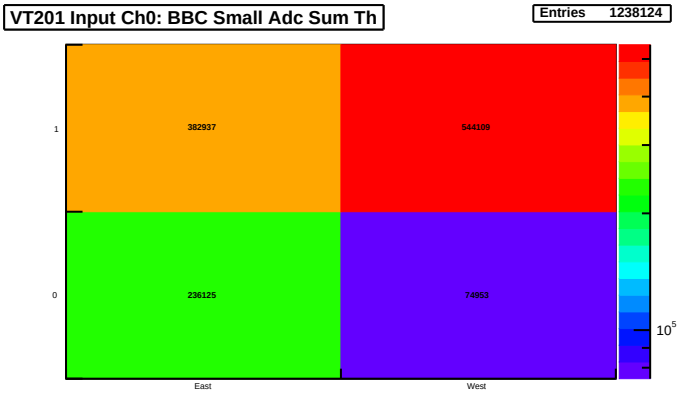

zdcWestTacVsSimu
Entries 0
Data
Simu

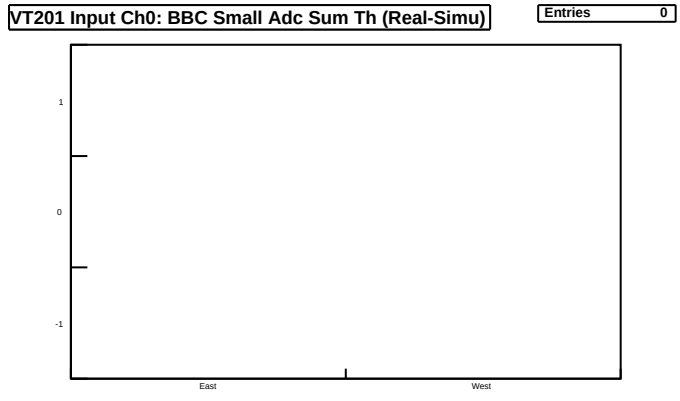

zdcAdcSum
Entries 7428744
50243
6136
34
27
14
10
130492
7365
79
63
44
39
568819
612826
619028
619035
619048
619052
488570
611697
618983
618999
619018
619023
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

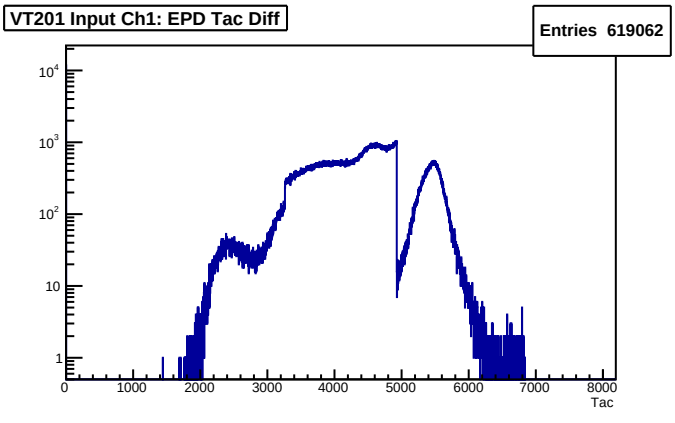

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

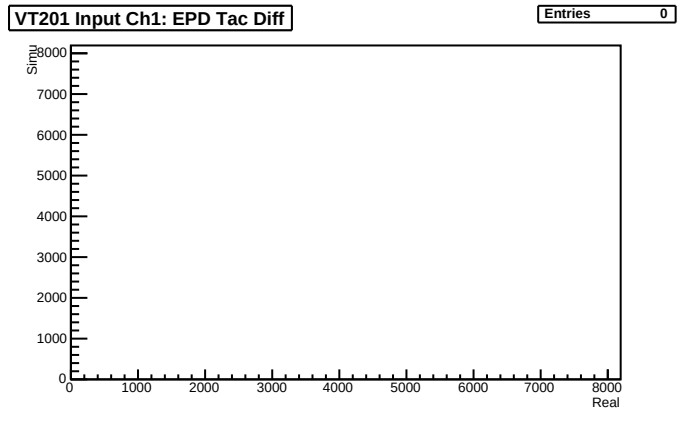

VT201 Input Ch0: BBC Small Tac Diff
Entries 619062
Tac

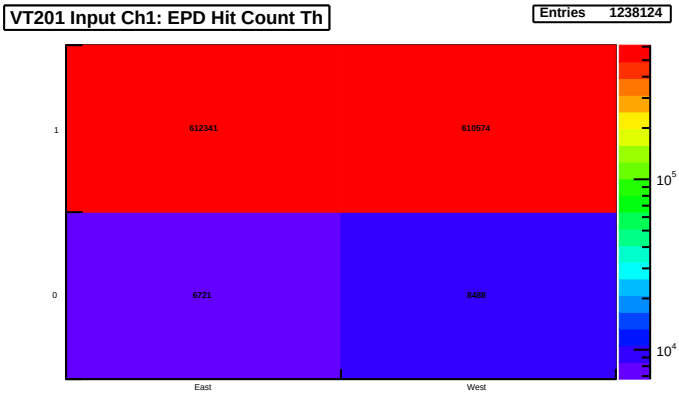

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

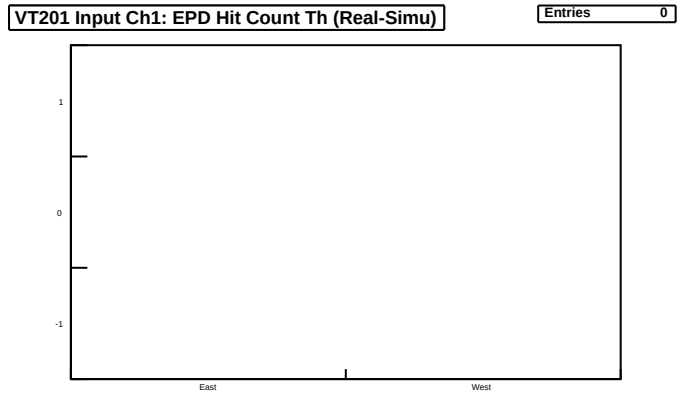

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1238124
382937
544109
236125
74953
East
West

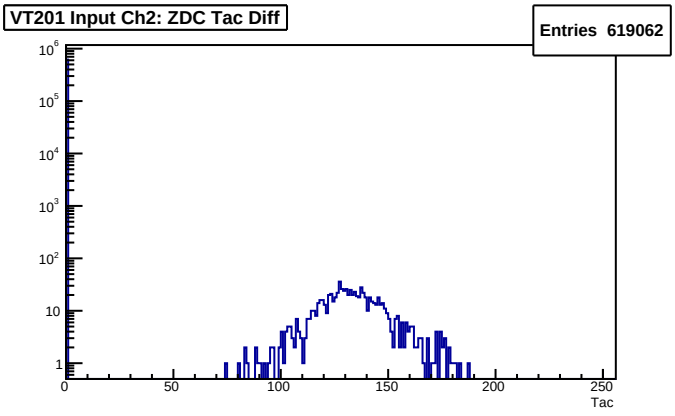

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

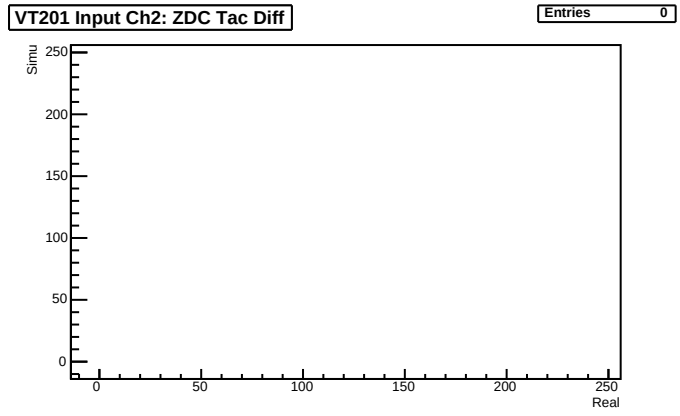

VT201 Input Ch1: EPD Tac Diff
Entries 619062
Tac

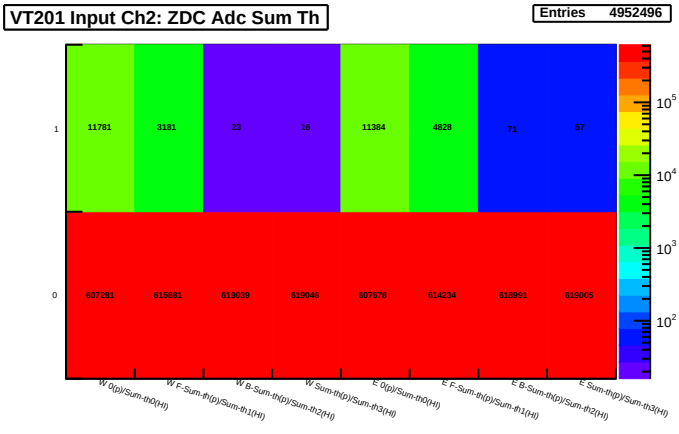

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

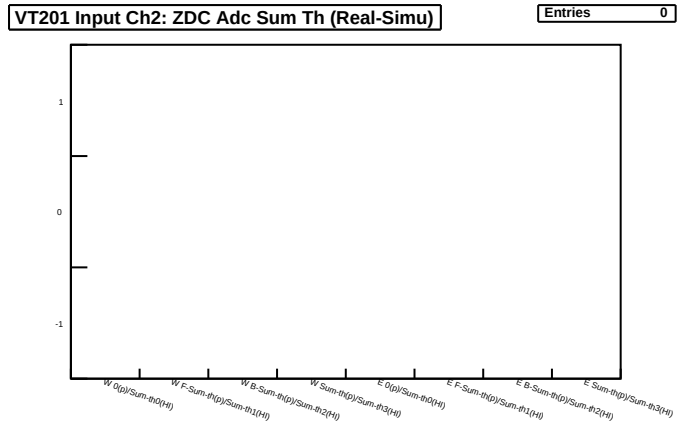

VT201 Input Ch1: EPD Hit Count Th
Entries 1238124
612341
610574
6721
8488
East
West

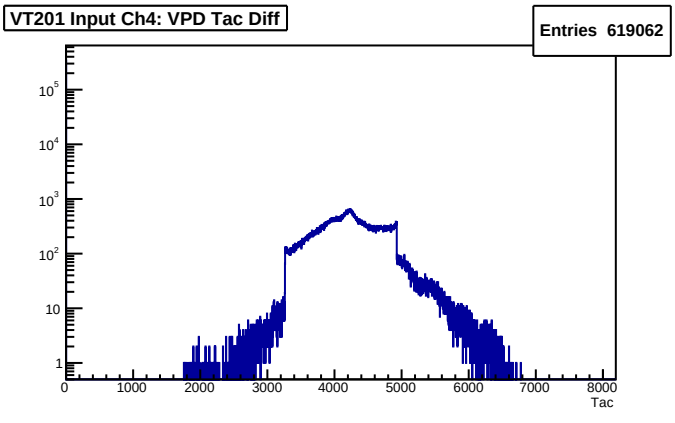

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

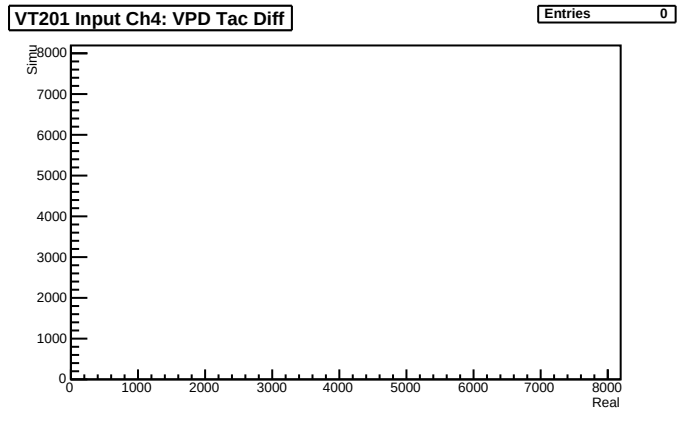

VT201 Input Ch2: ZDC Tac Diff
Entries 619062
Tac

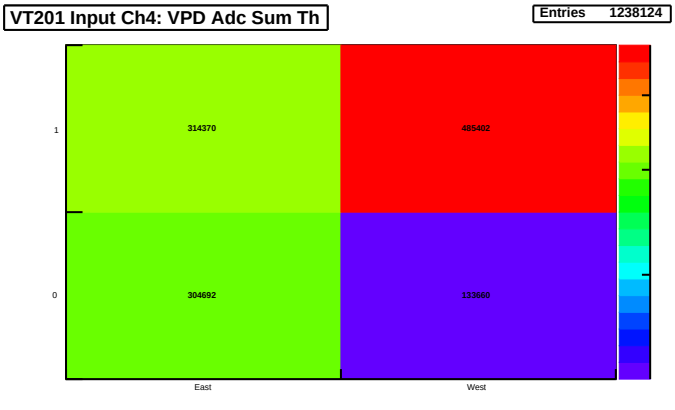

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

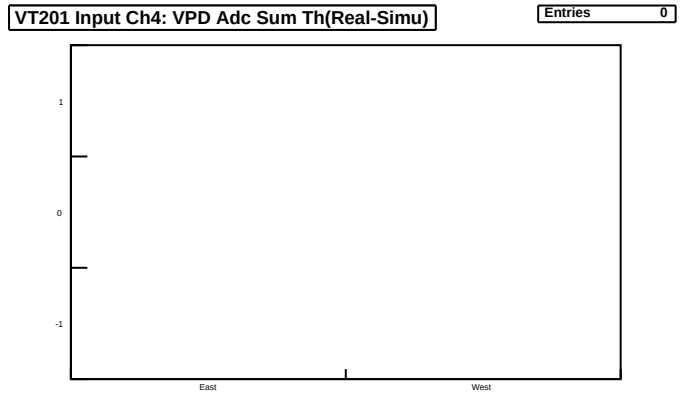

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4952496
11781
3181
23
16
11384
4828
71
57
607281
615881
619039
619046
607678
614234
618991
619005
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

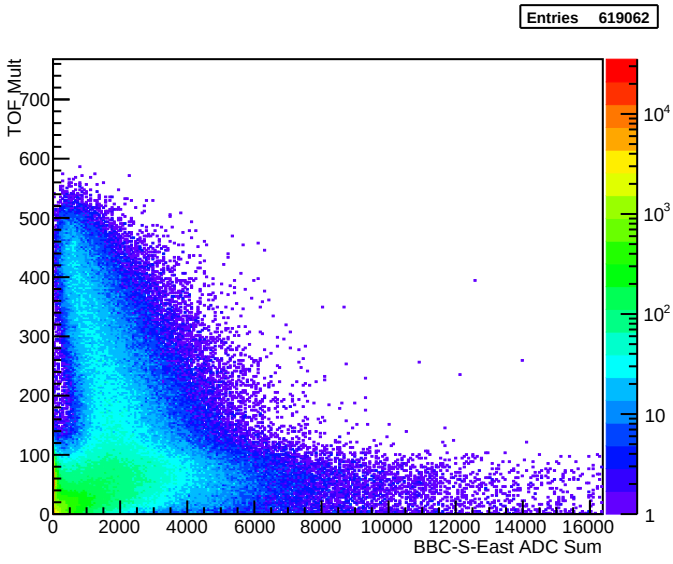

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

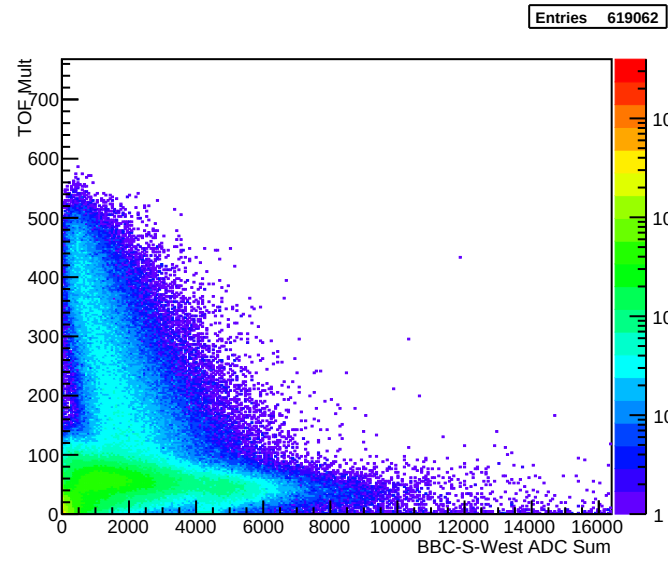

VT201 Input Ch4: VPD Tac Diff
Entries 619062
Tac

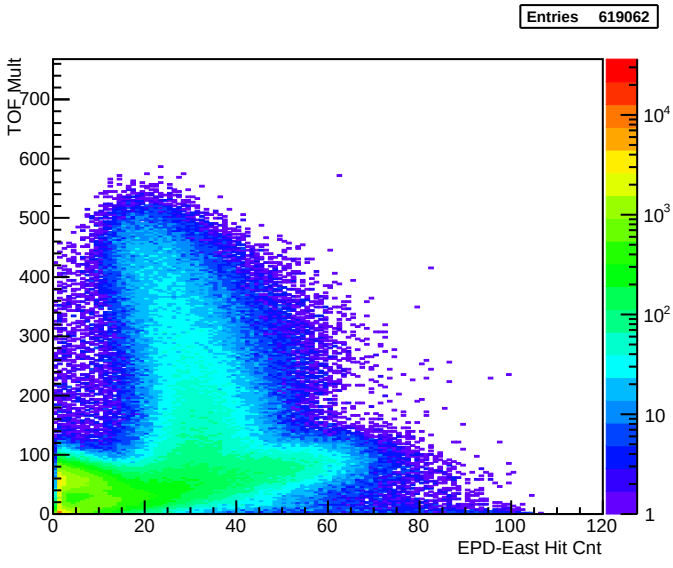

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

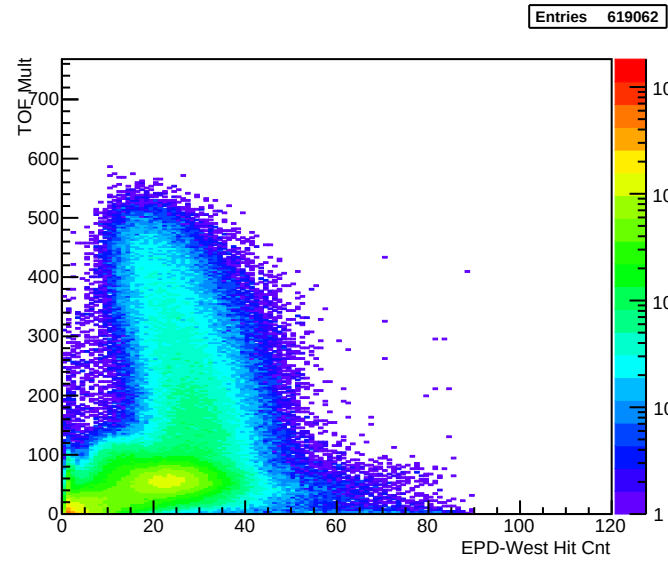

VT201 Input Ch4: VPD Adc Sum Th
Entries 1238124
314370
485402
304692
133660
East
West

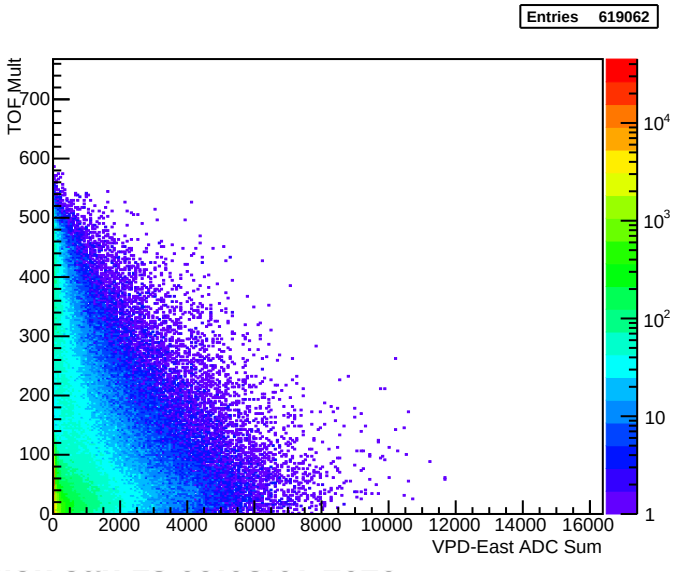

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

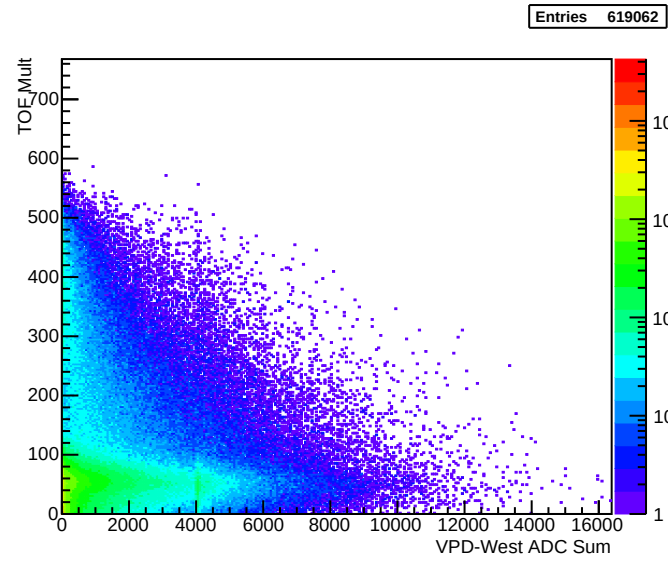

Entries 619062
TOF_Mult
BBC-S-East ADC Sum

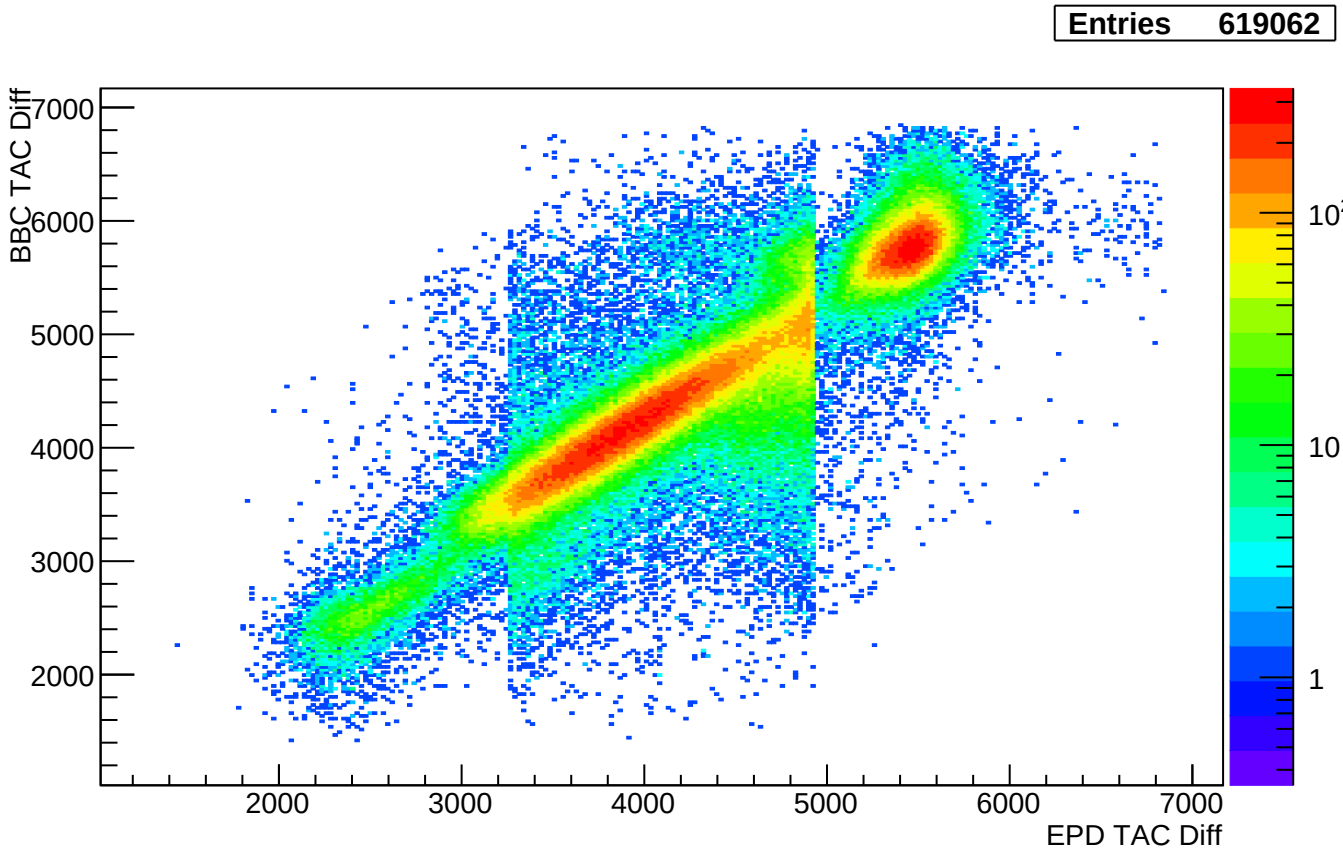

Entries 619062
TOF_Mult
BBC-S-West ADC Sum

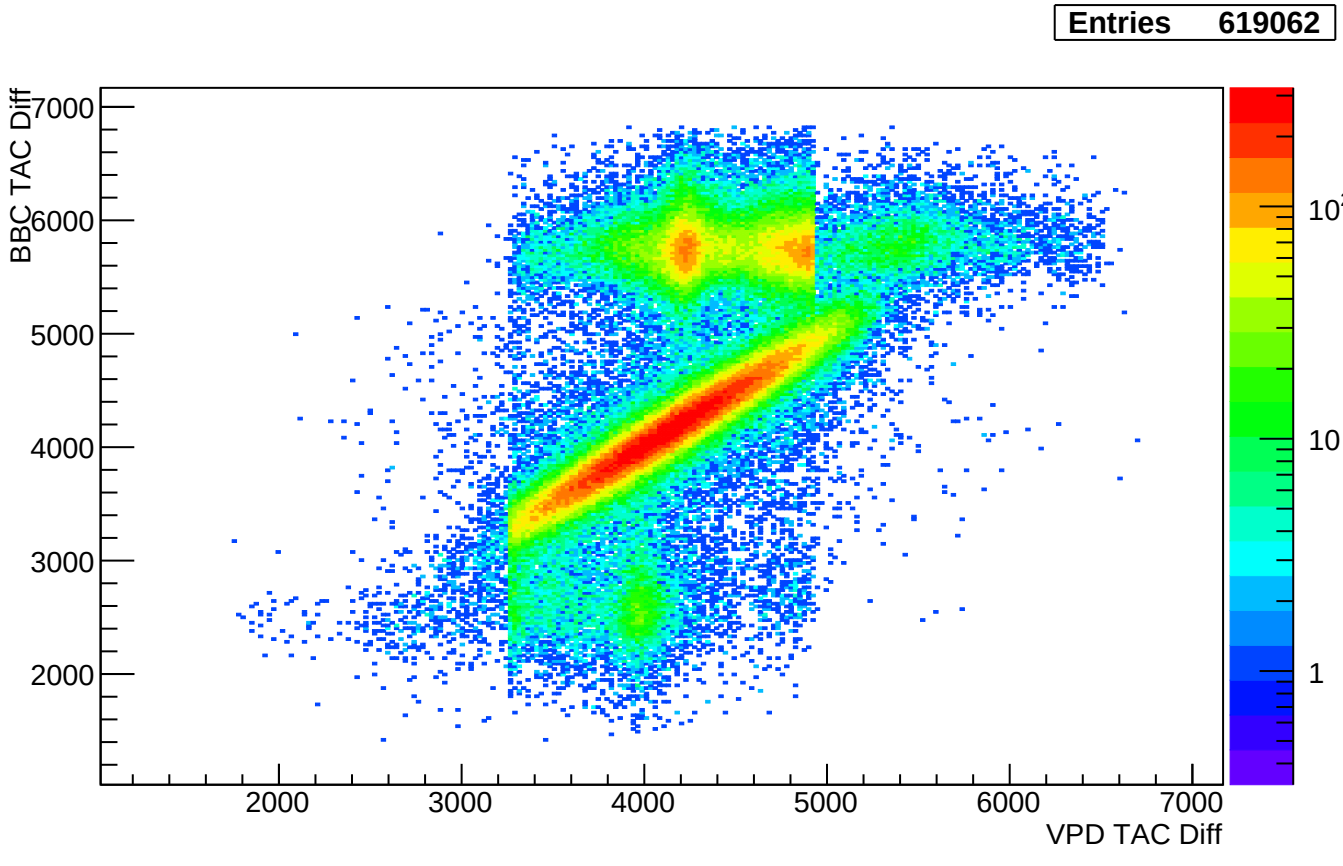

Entries 619062
TOF_Mult
EPD-East Hit Cnt

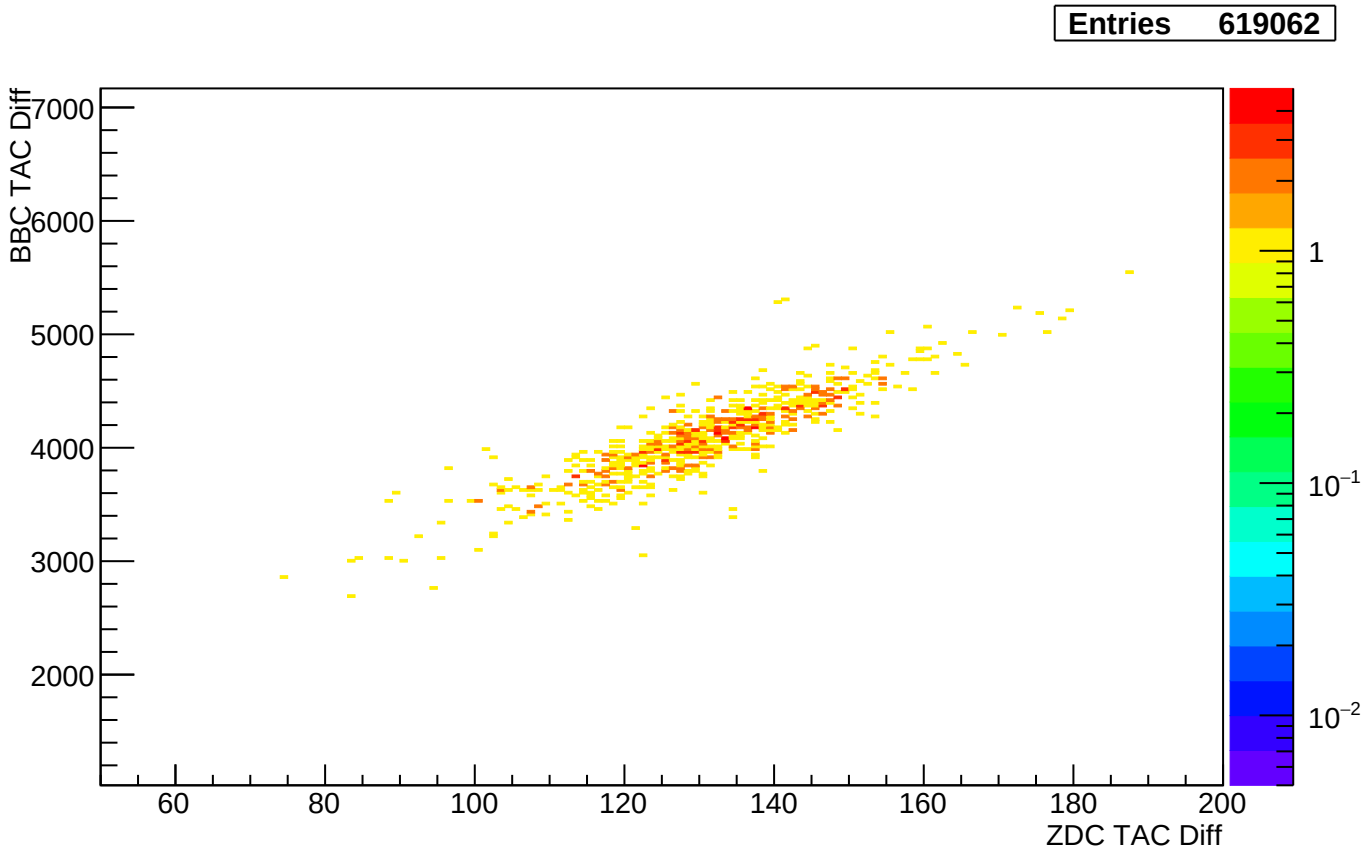

Entries 619062
TOF_Mult
EPD-West Hit Cnt

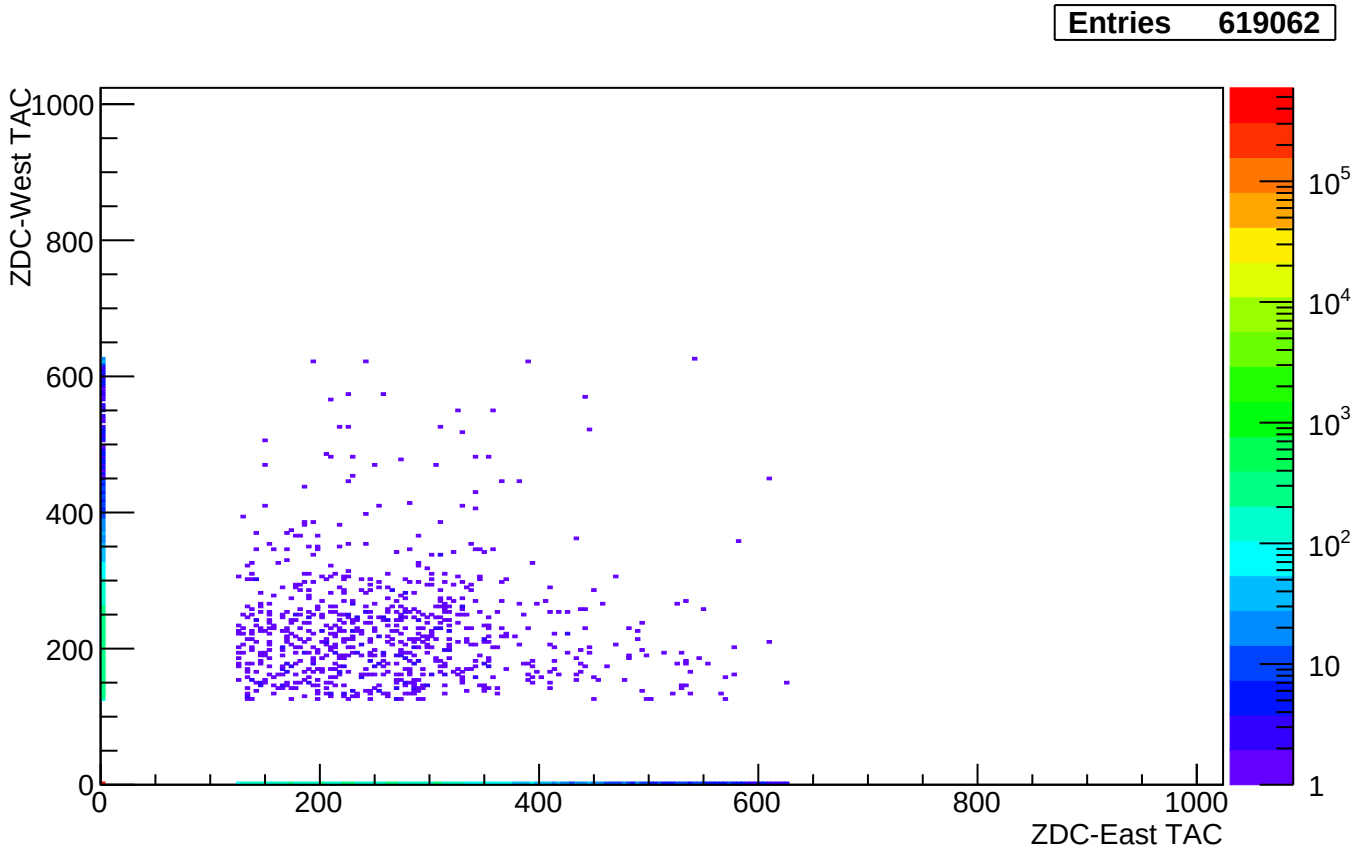

Entries 619062
TOF_Mult
VPD-East ADC Sum

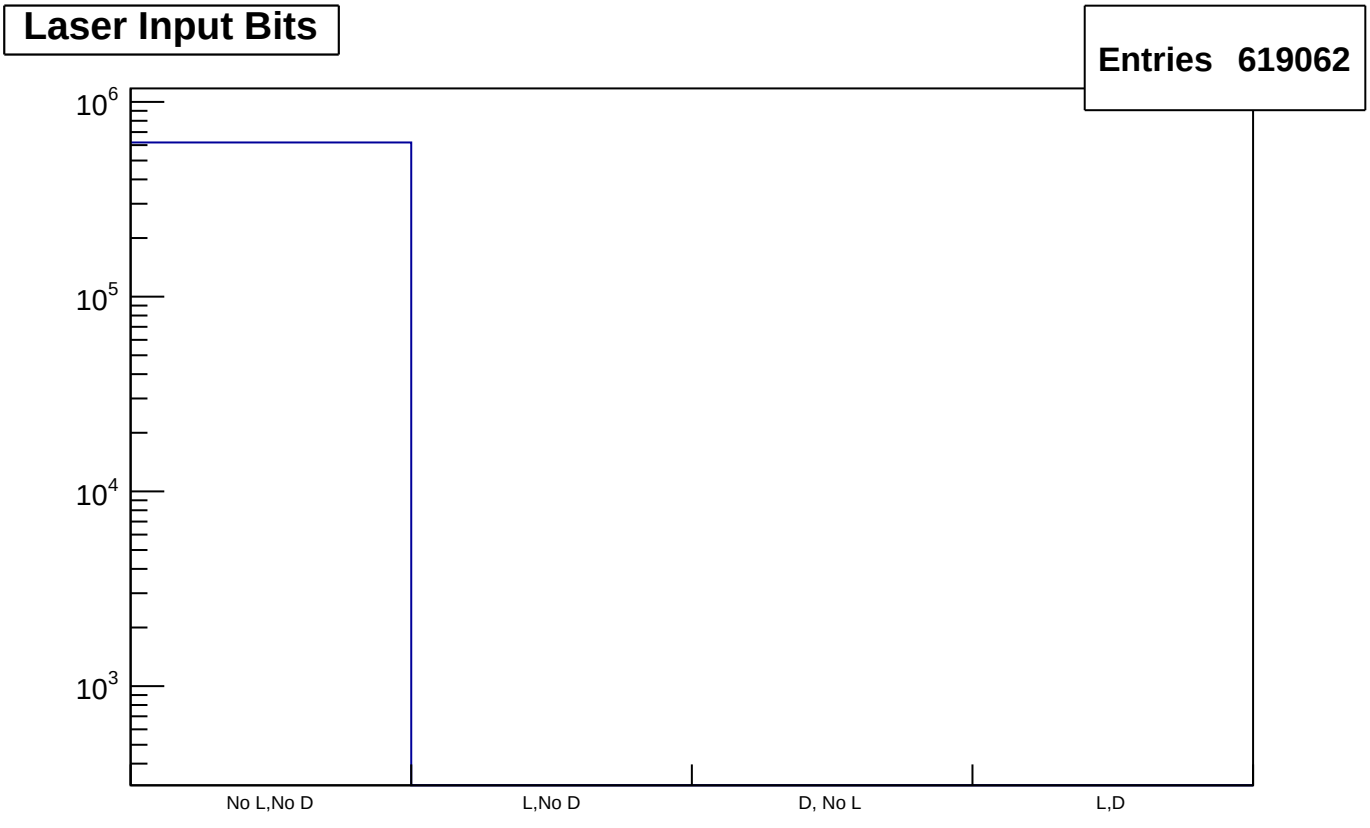

Entries 619062
TOF_Mult
VPD-West ADC Sum

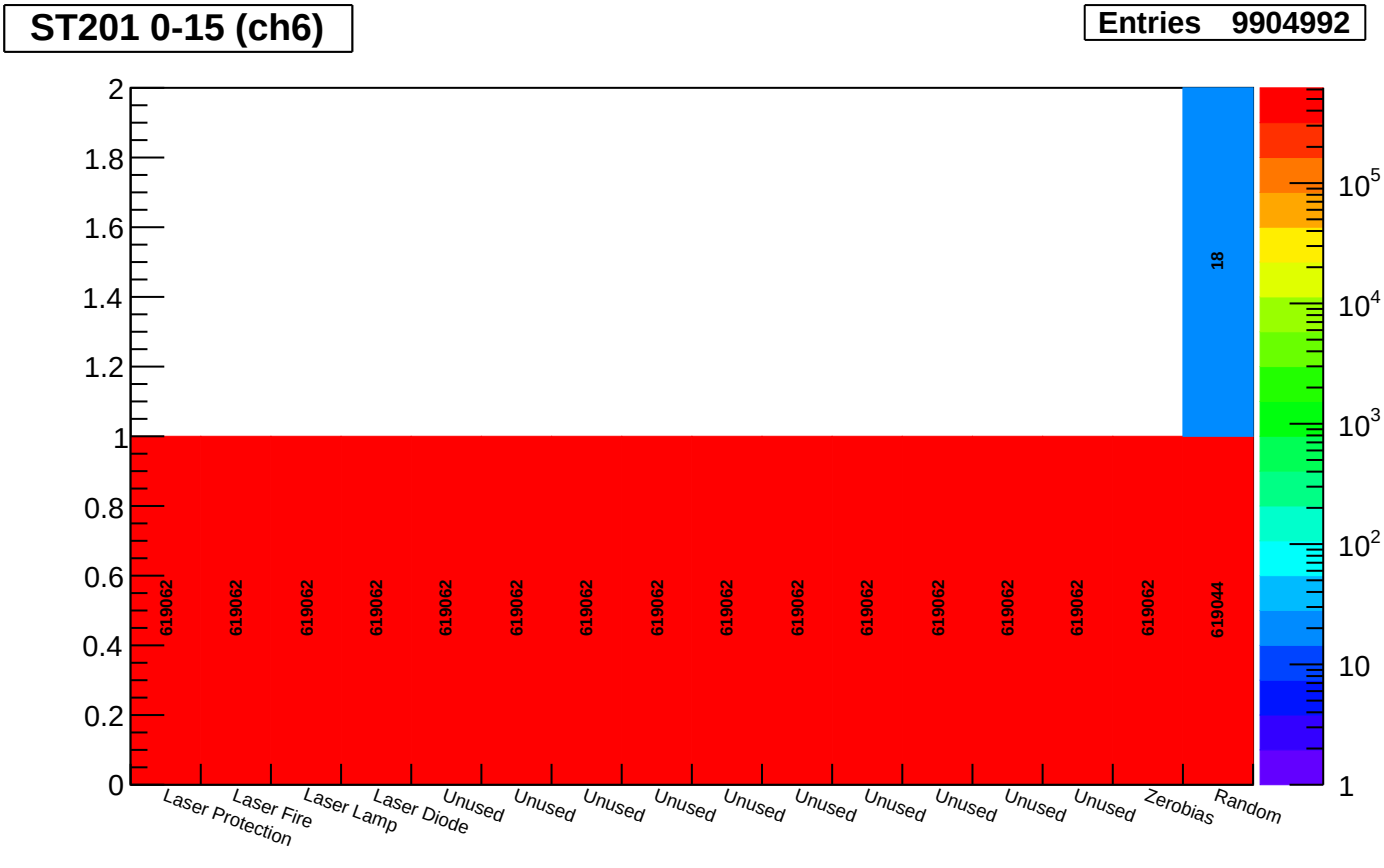

Entries 619062
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

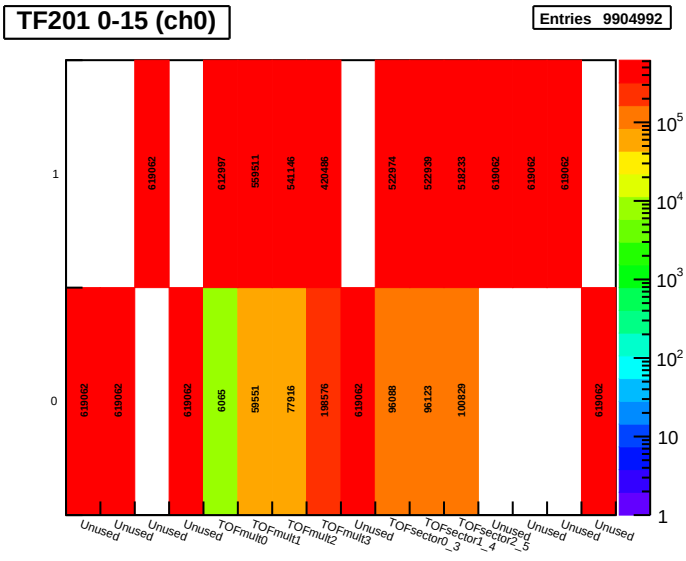

Entries 619062
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

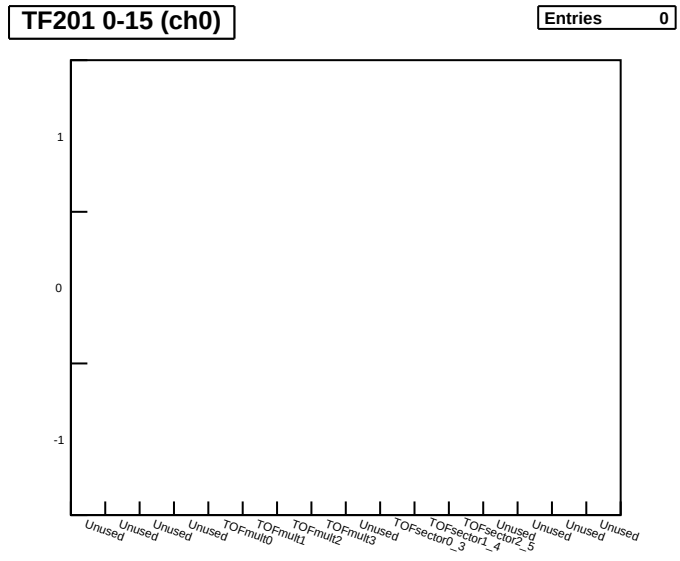

Entries 619062
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

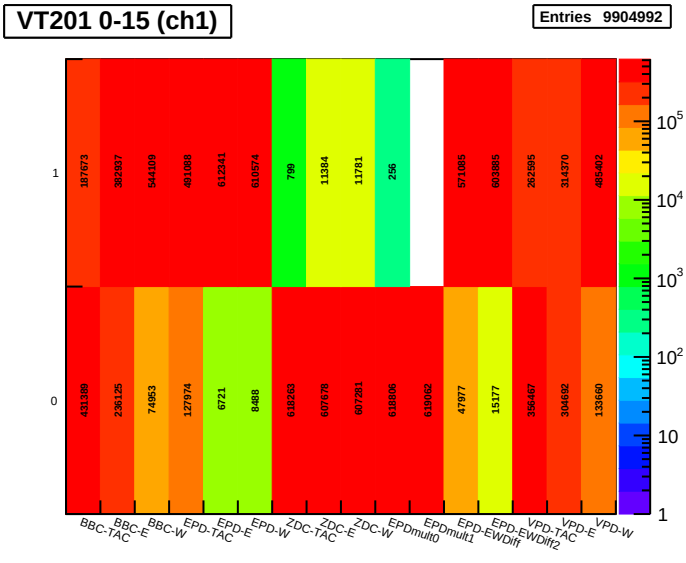

Entries 619062
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

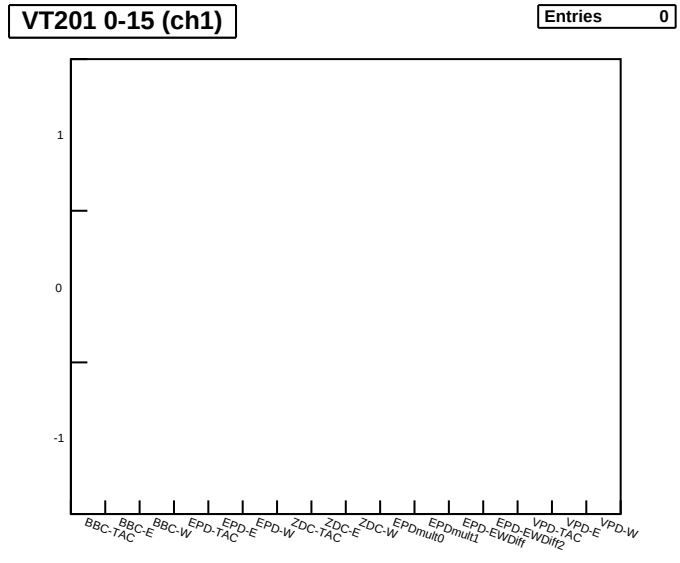

Laser Input Bits
Entries 619062
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

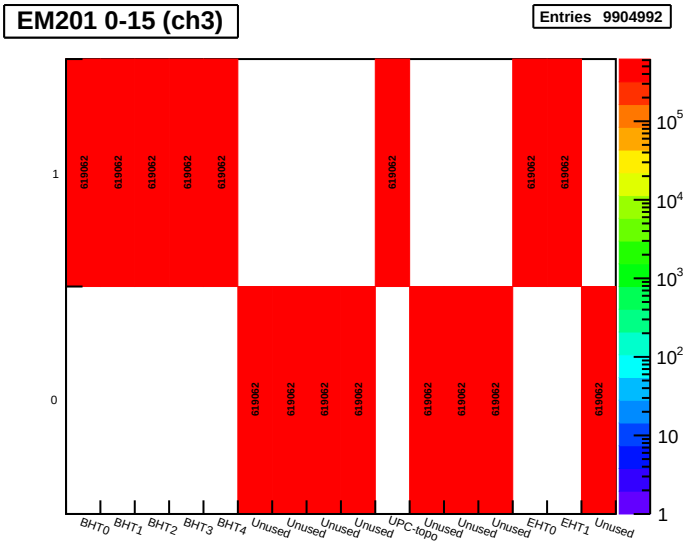

ST201 0-15 (ch6)
Entries 9904992
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
619062
619062
619062
619062
619062
619062
619062
619062
619062
619062
619062
619062
619062
619062
619044
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

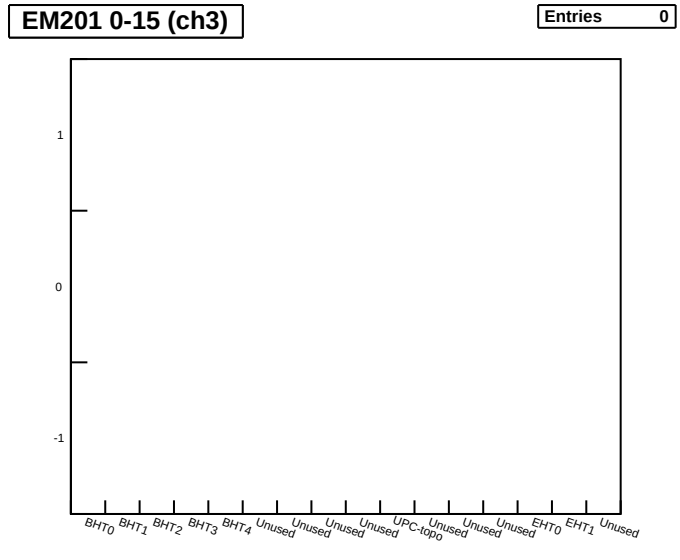

TF201 0-15 (ch0)
Entries 9904992
1
0
619062 619062 619062 6065 59551 77916 198576 619062 96088 96123 100829 619062
619062 612997 559511 541146 420486 522974 522939 518233 619062 619062 619062
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 9904992
1
0
431389 238125 74953 127974 6721 8488 618263 607678 607281 618806 619062 47977 15177 356467 304692 133660
187673 382937 544109 491088 612341 610574 799 11384 11781 256 571085 603885 262995 314370 485402
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 9904992
1
0
619062 619062 619062 619062 619062 619062 619062
619062 619062 619062 619062 619062 619062 619062 619062 619062
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