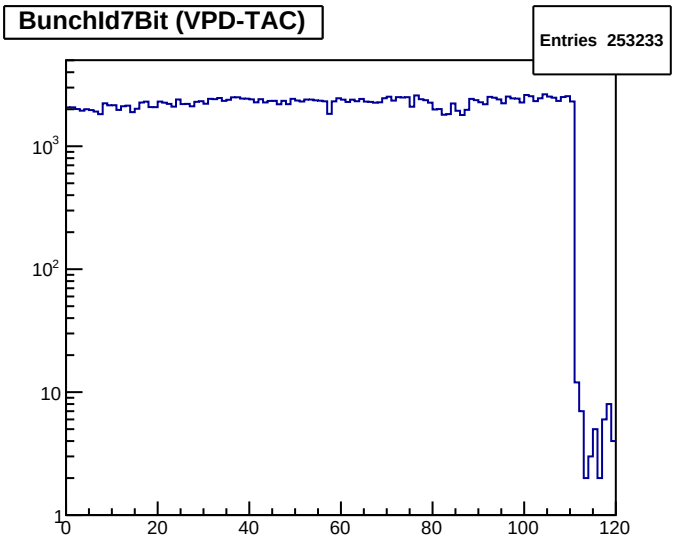
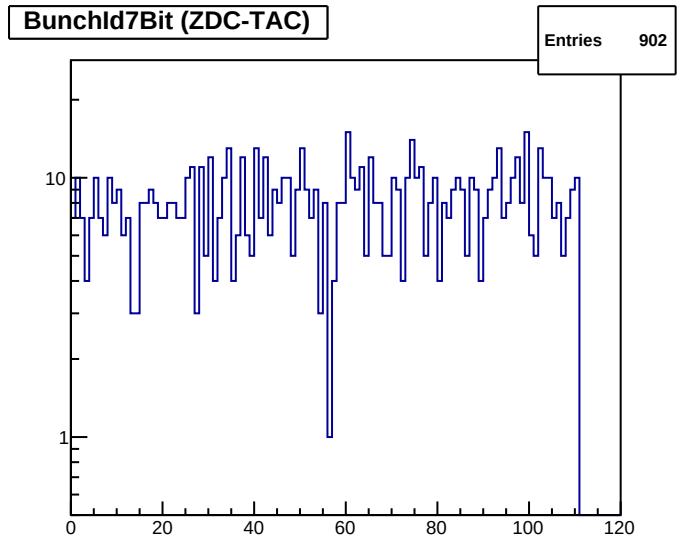
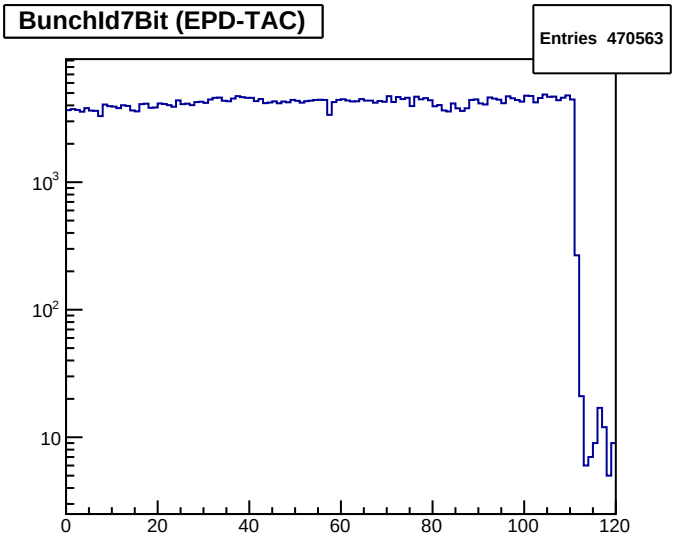
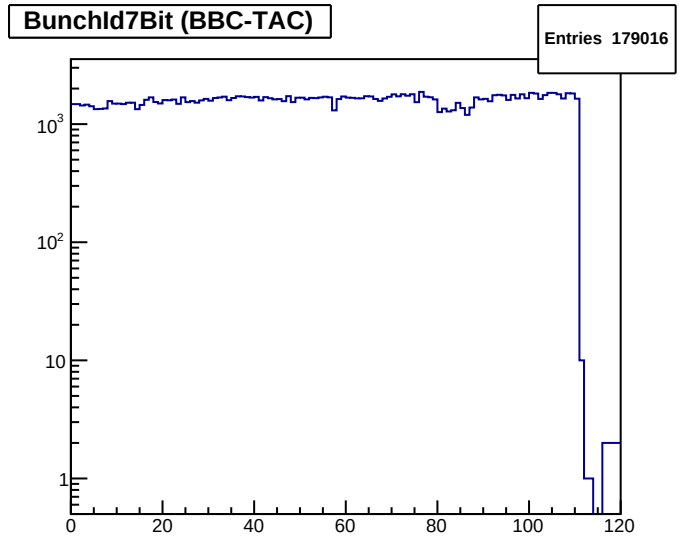
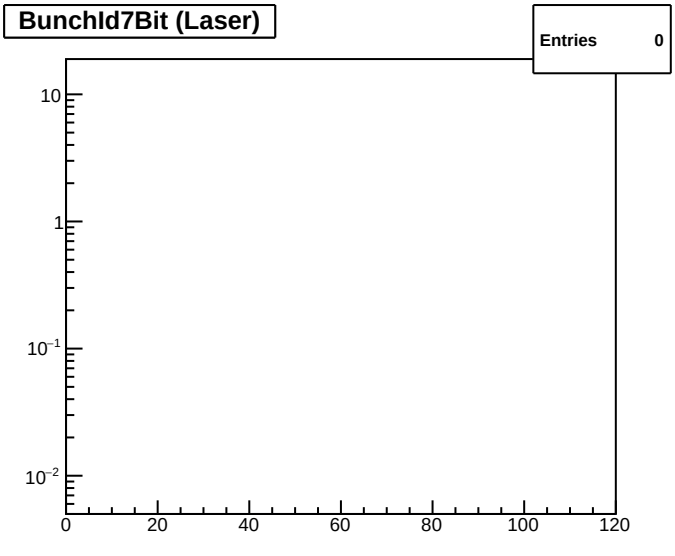
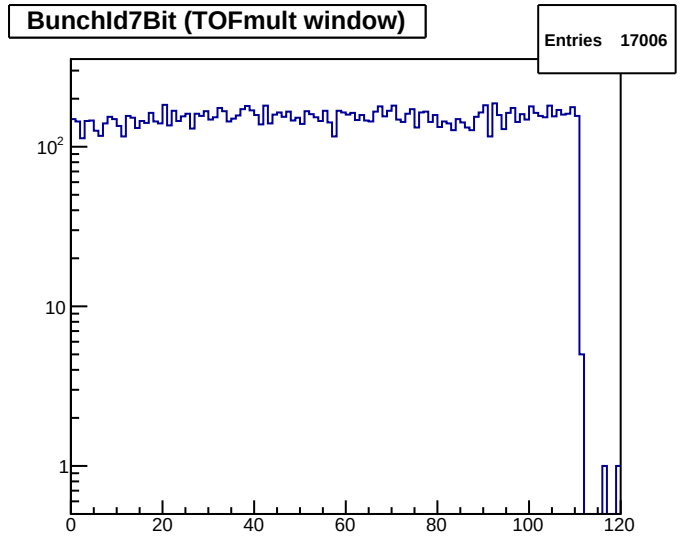

BunchId7Bit (VPD-TAC)
Entries 253233

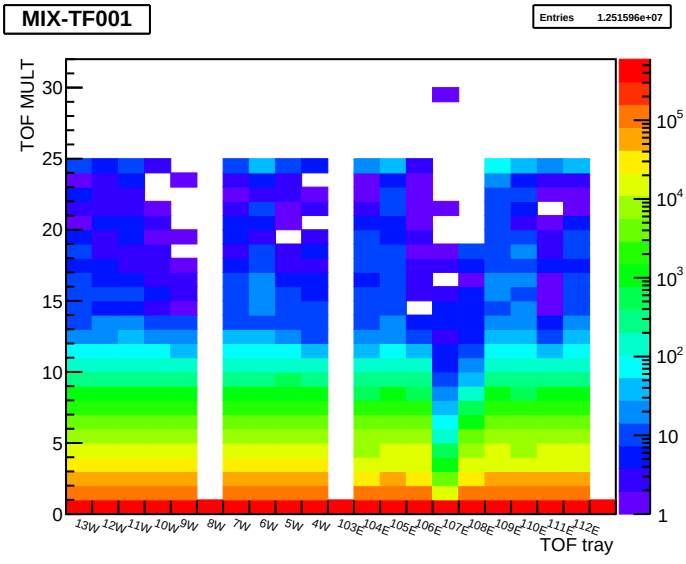

BunchId7Bit (ZDC-TAC)
Entries 902

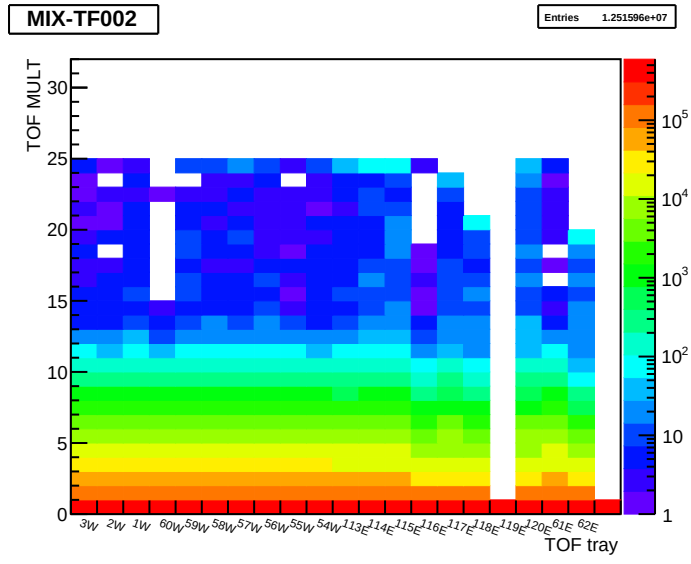

BunchId7Bit (EPD-TAC)
Entries 470563

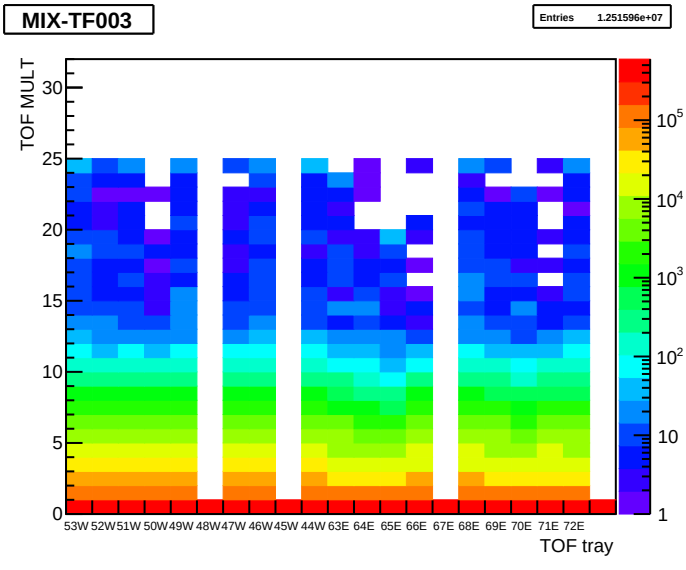

BunchId7Bit (BBC-TAC)
Entries 179016

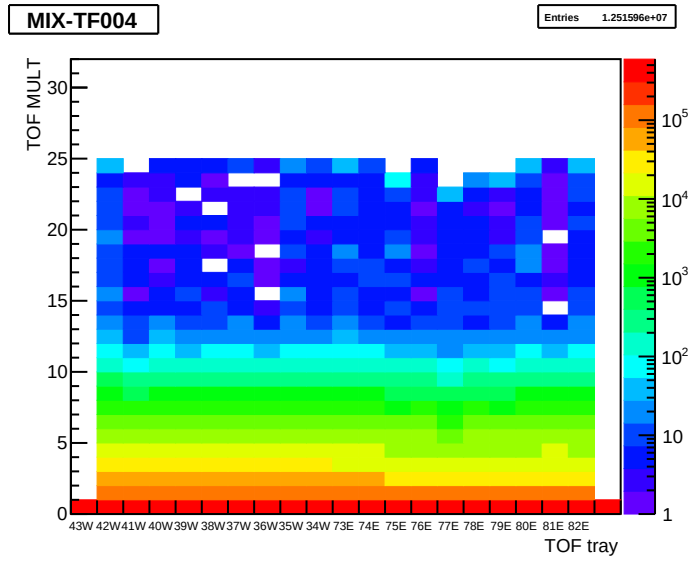

BunchId7Bit (Laser)
Entries 0

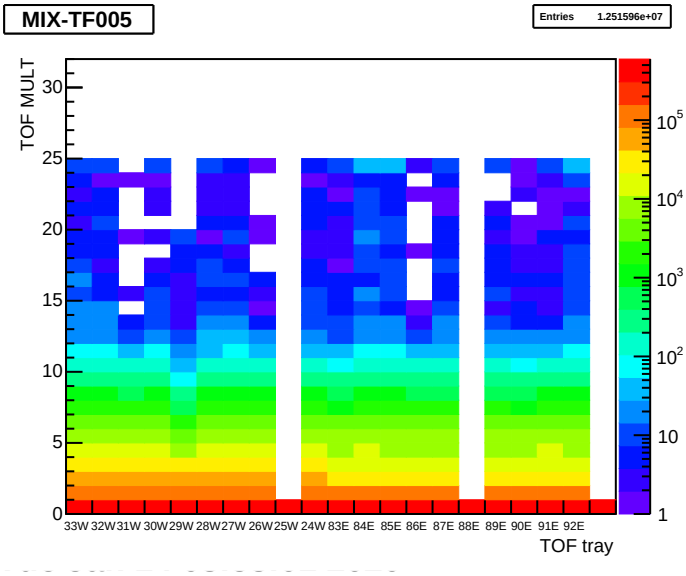

BunchId7Bit (TOFmult window)
Entries 17006

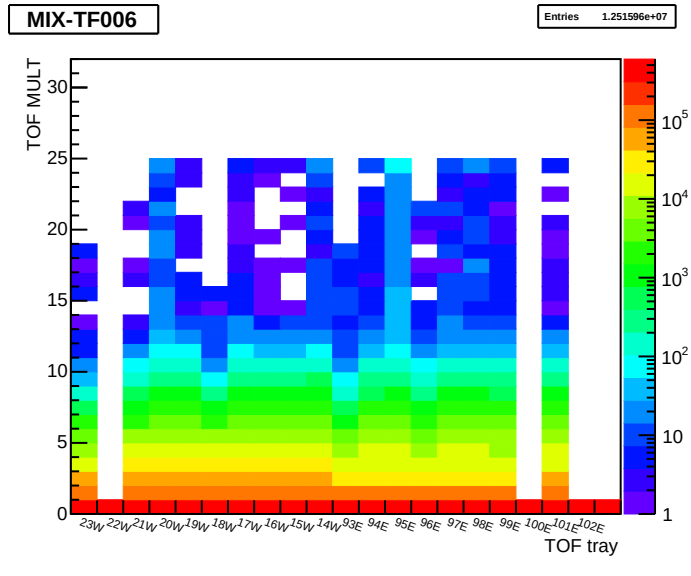

MIX-TF001
Entries 1.251596e+07
TOF MULT
TOF tray

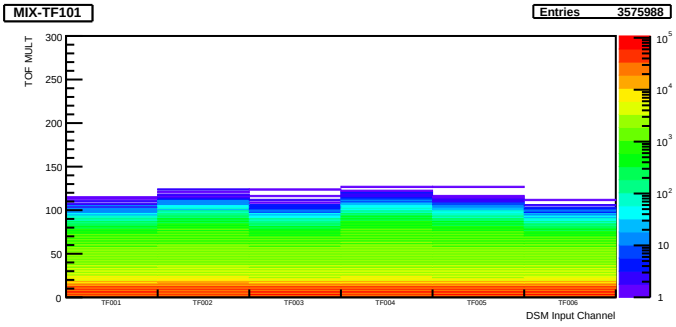

MIX-TF002
Entries 1.251596e+07
TOF MULT
TOF tray

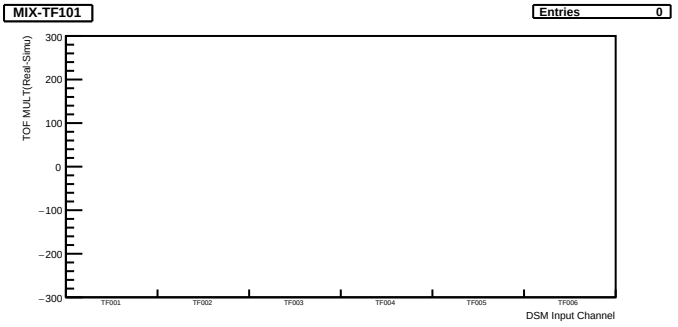

MIX-TF003
Entries 1.251596e+07
TOF MULT
TOF tray

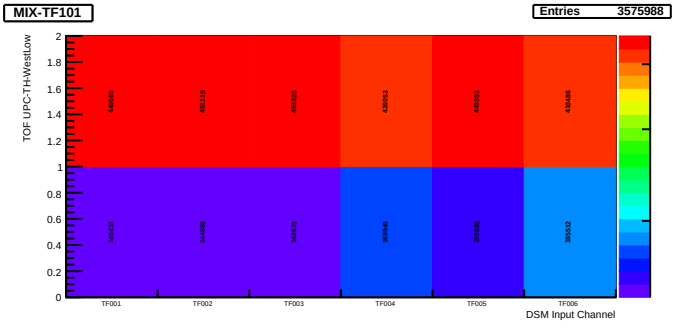

MIX-TF004
Entries 1.251596e+07
TOF MULT
TOF tray

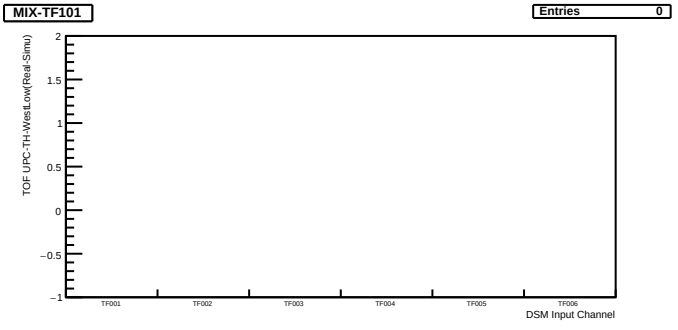

MIX-TF005
Entries 1.251596e+07
TOF MULT
TOF tray

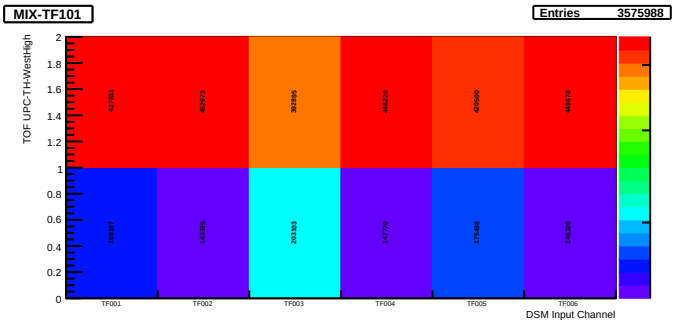

MIX-TF006
Entries 1.251596e+07
TOF MULT
TOF tray

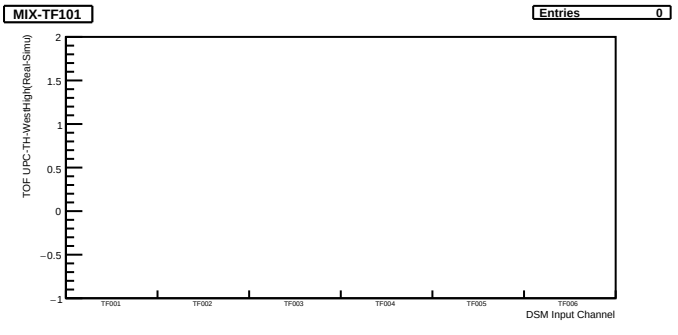

MIX-TF101
Entries 3575988
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

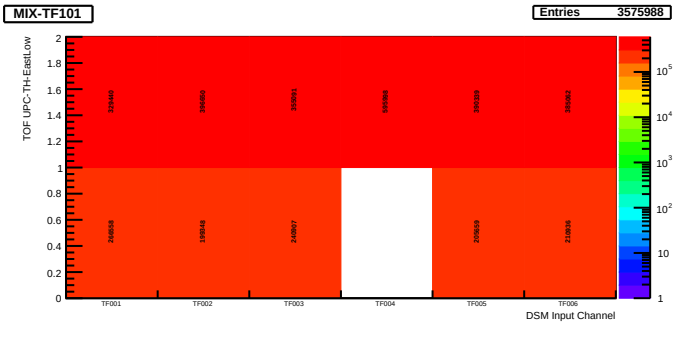

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

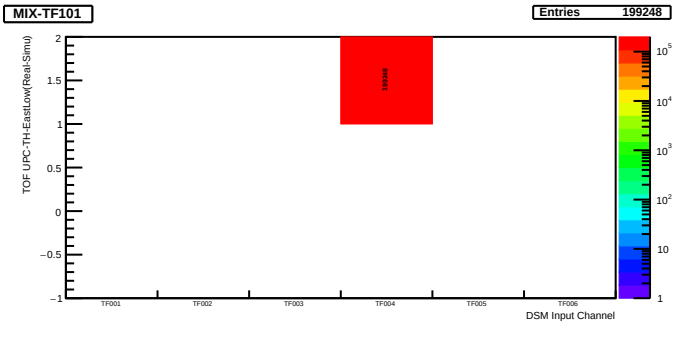

MIX-TF101
Entries 3575988
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

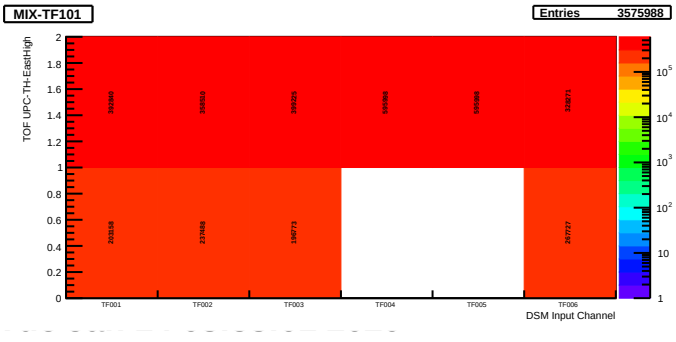

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

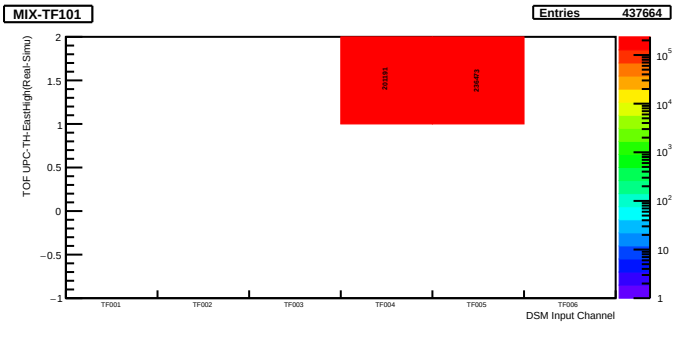

MIX-TF101
Entries 3575988
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

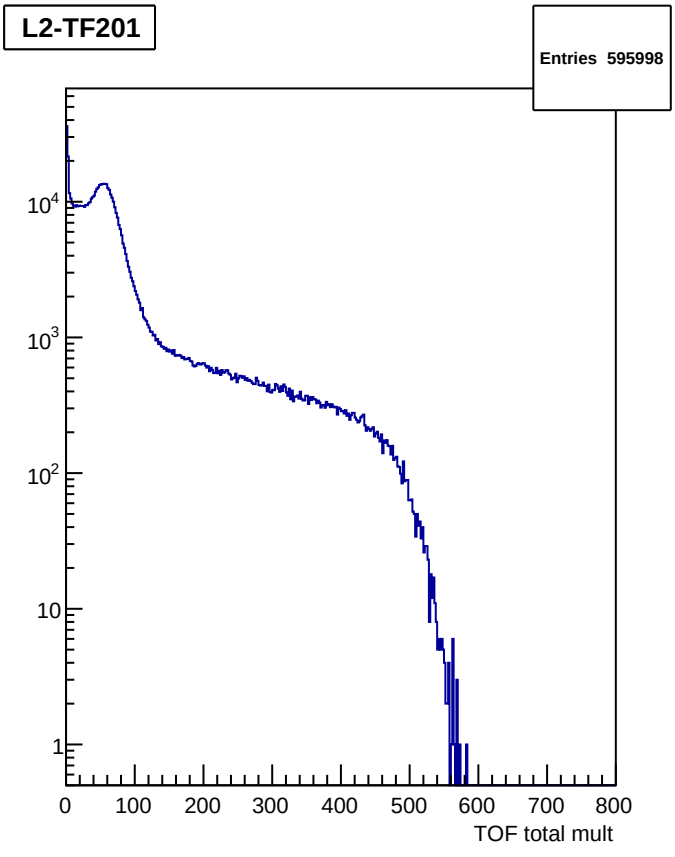

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

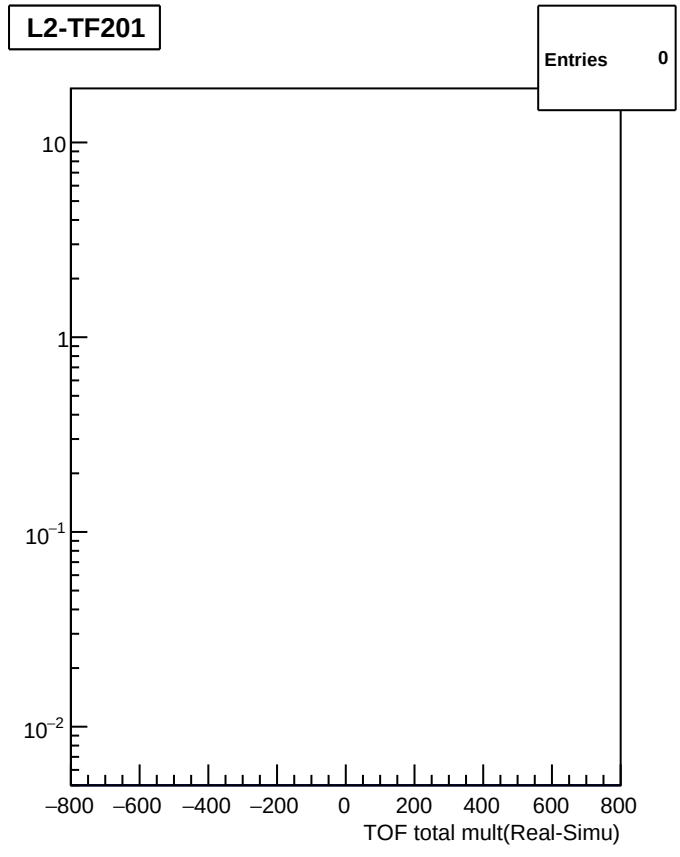

MIX-TF101
Entries 3575988
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

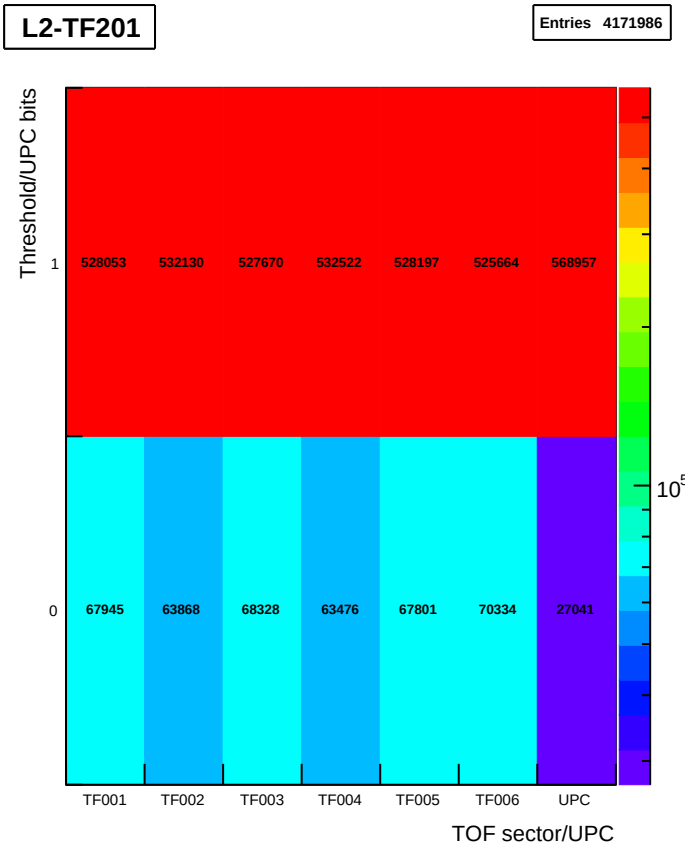

MIX-TF101
Entries 199248
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

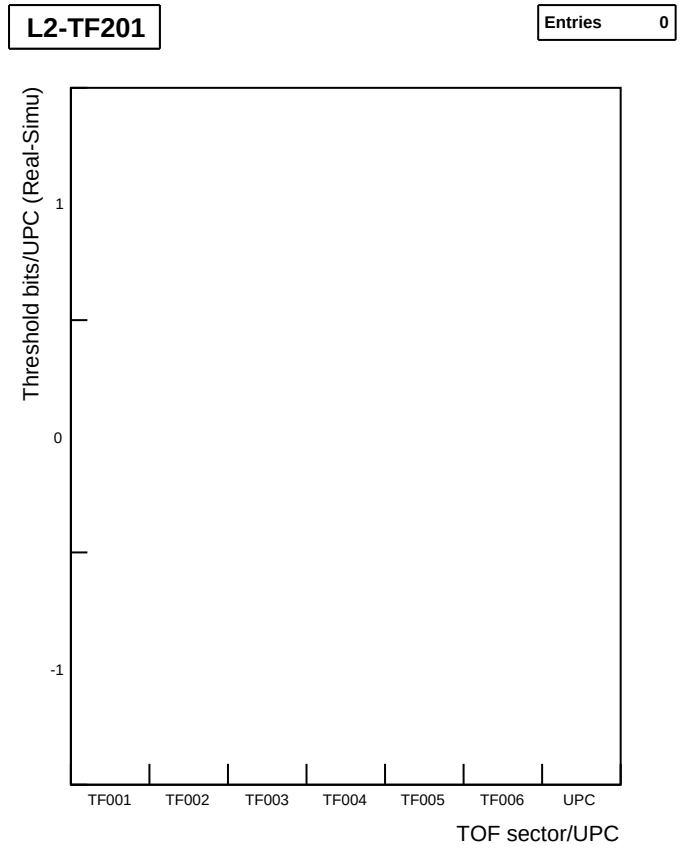

MIX-TF101
Entries 3575988
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

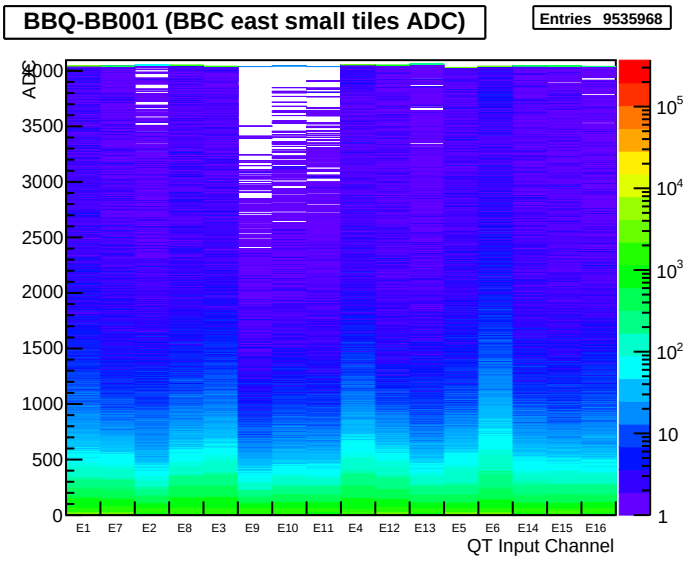

MIX-TF101
Entries 437664
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

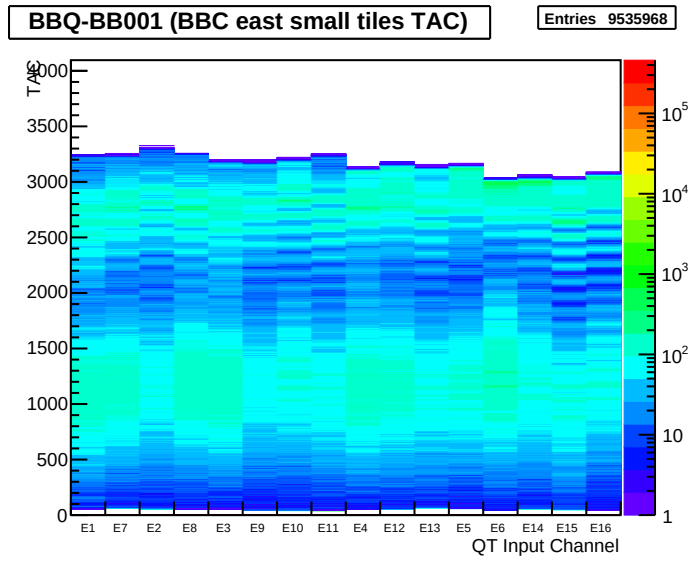

L2-TF201
Entries 595998
TOF total mult

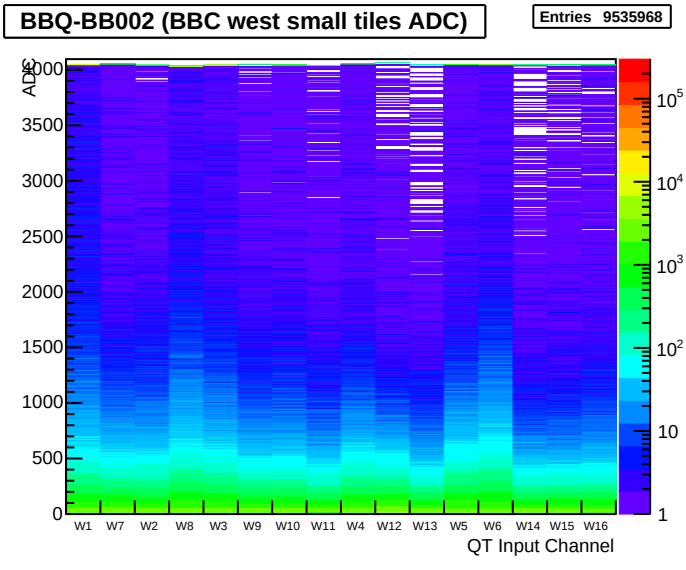

L2-TF201
Entries 0
TOF total mult(Real-Simu)

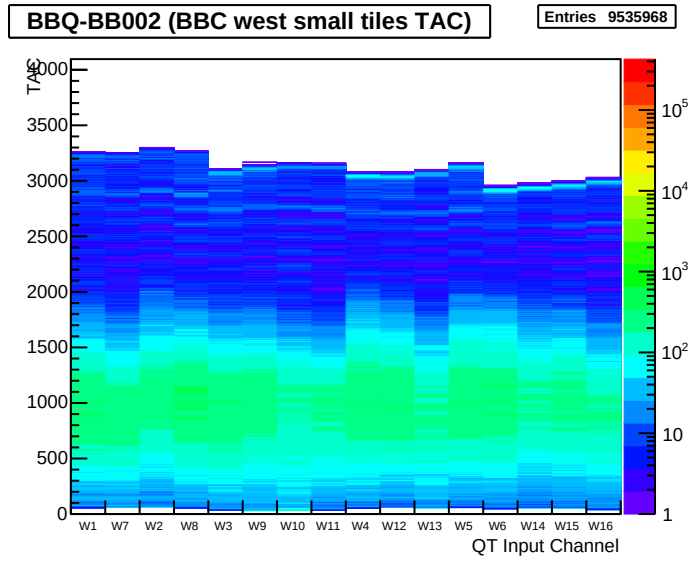

L2-TF201
Entries 4171986
Threshold/UPC bits
528053
532130
527670
532522
528197
525664
568957
67945
63868
68328
63476
67801
70334
27041
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

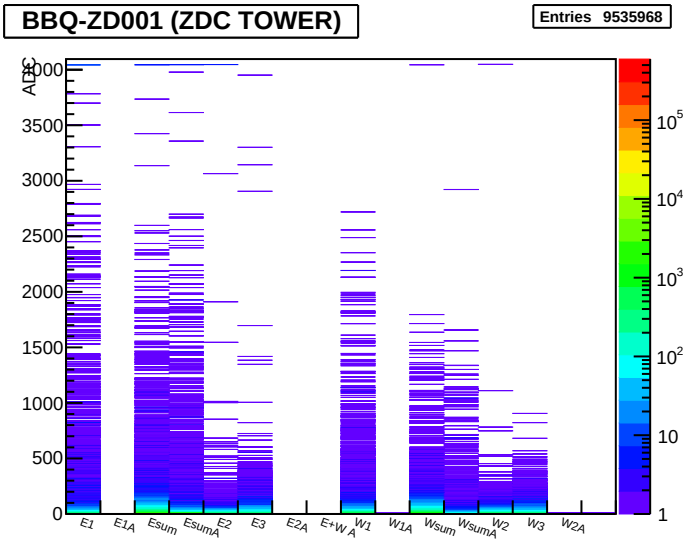

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

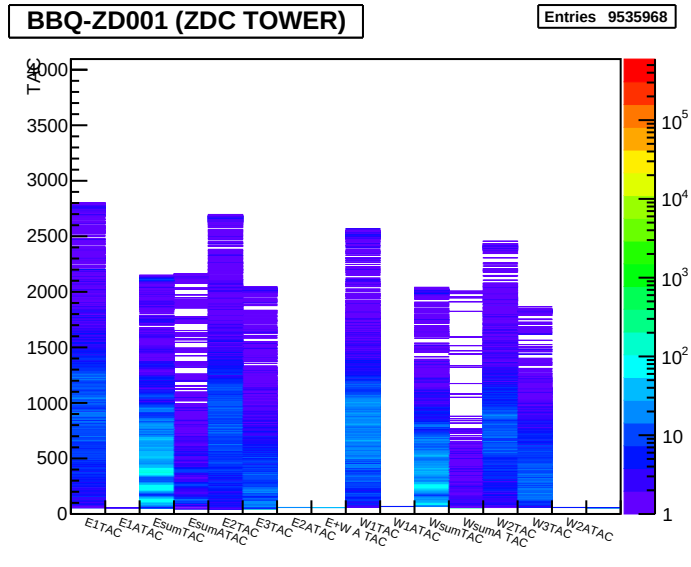

BBQ-BB001 (BBC east small tiles ADC)
Entries 9535968
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

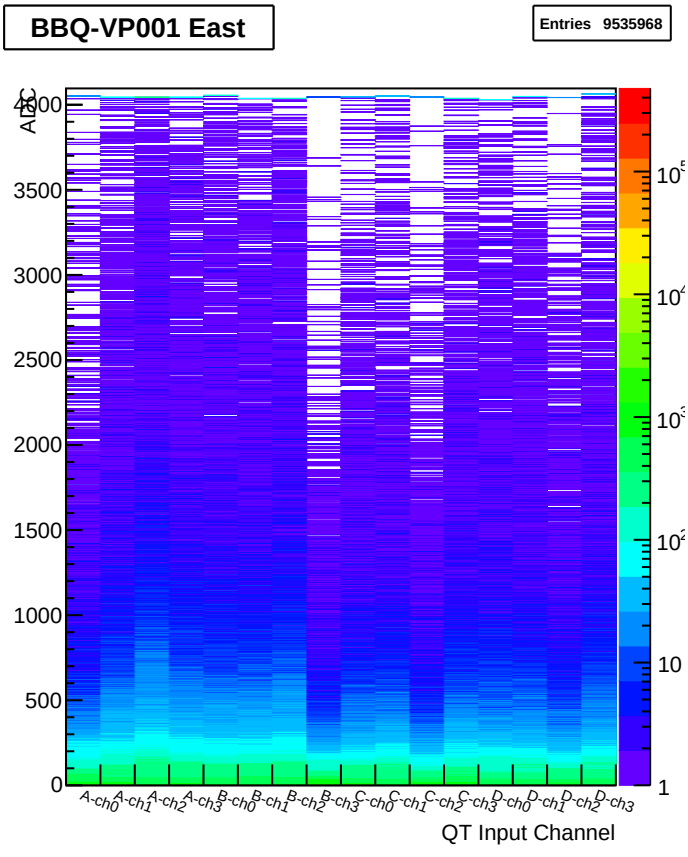

BBQ-BB001 (BBC east small tiles TAC)
Entries 9535968
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

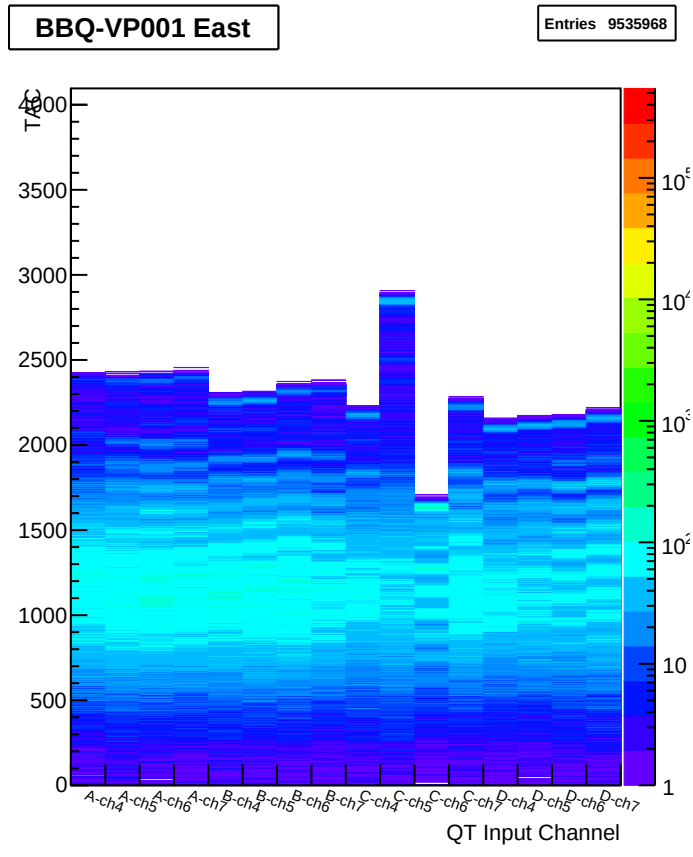

BBQ-BB002 (BBC west small tiles ADC)
Entries 9535968
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

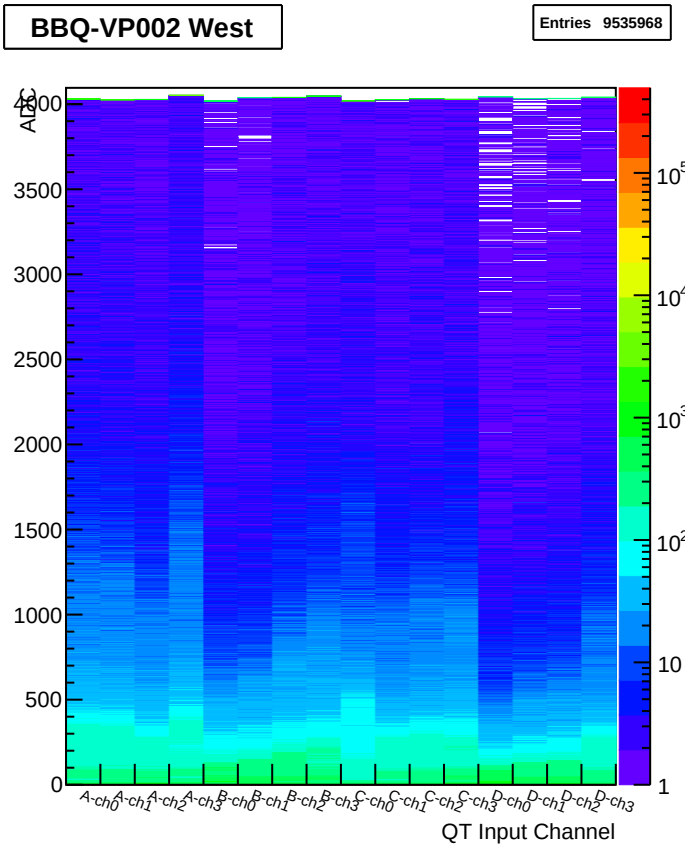

BBQ-BB002 (BBC west small tiles TAC)
Entries 9535968
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

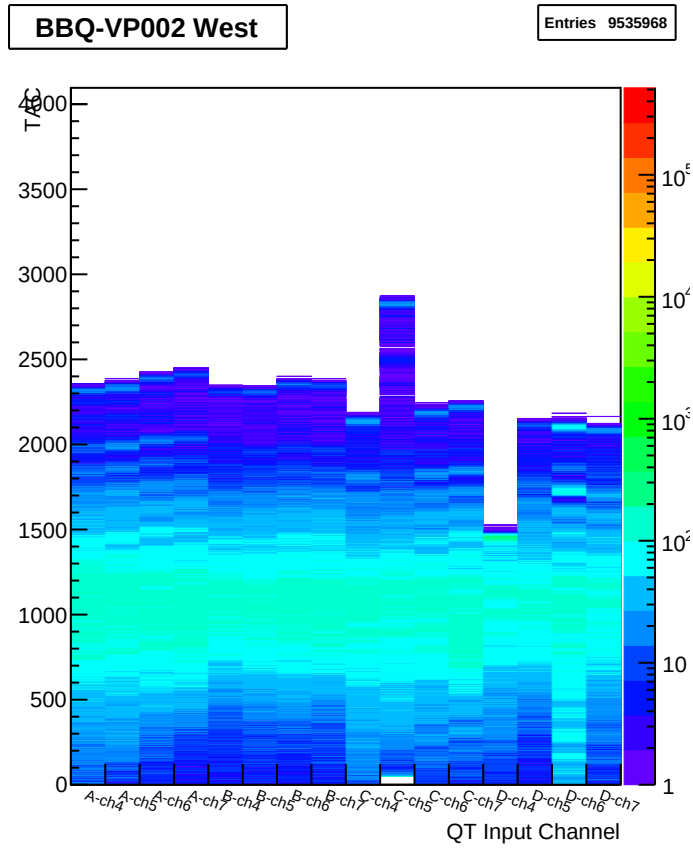

BBQ-ZD001 (ZDC TOWER)
Entries 9535968
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

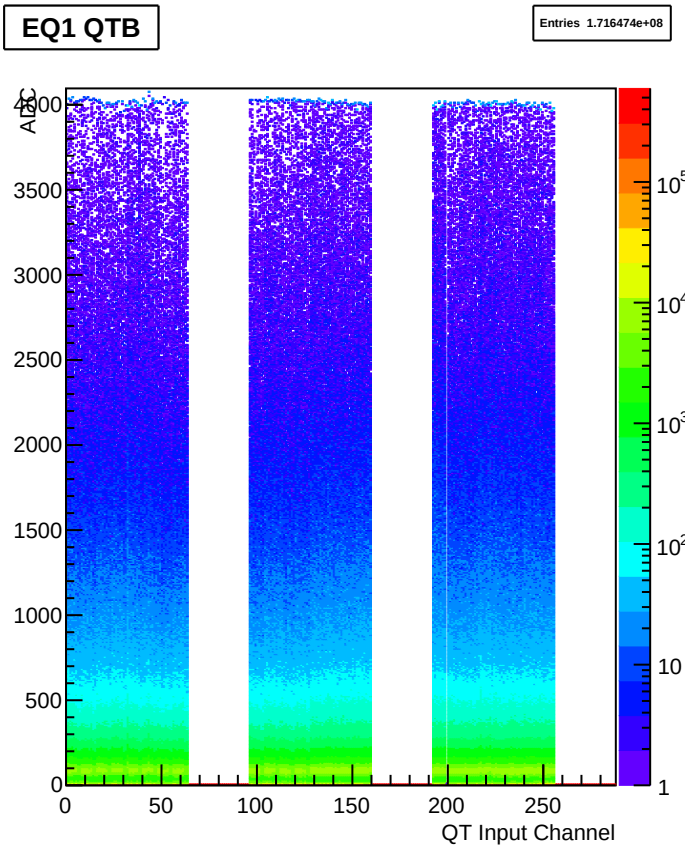

BBQ-ZD001 (ZDC TOWER)
Entries 9535968
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

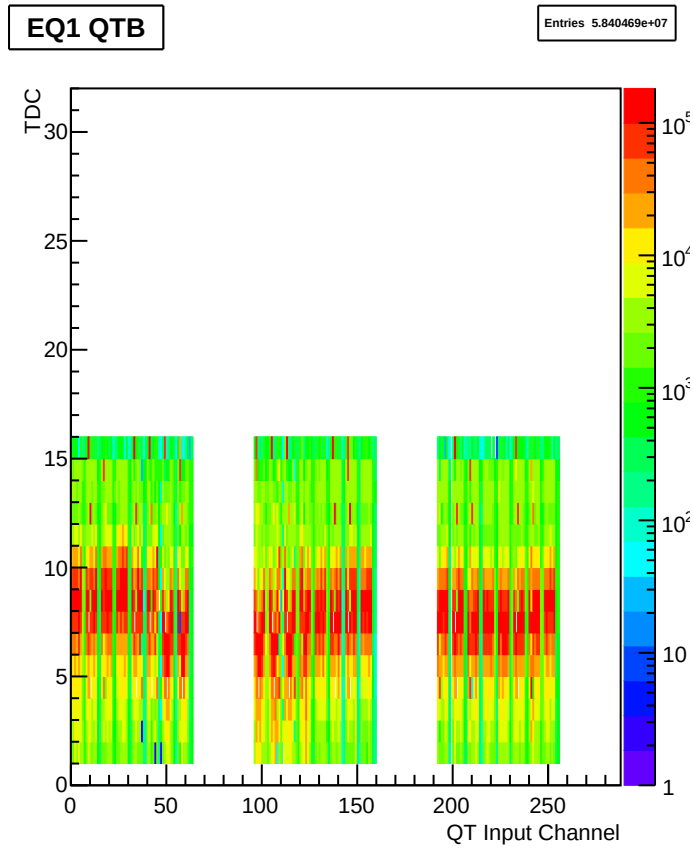

BBQ-VP001 East
Entries 9535968
ADC
QT Input Channel

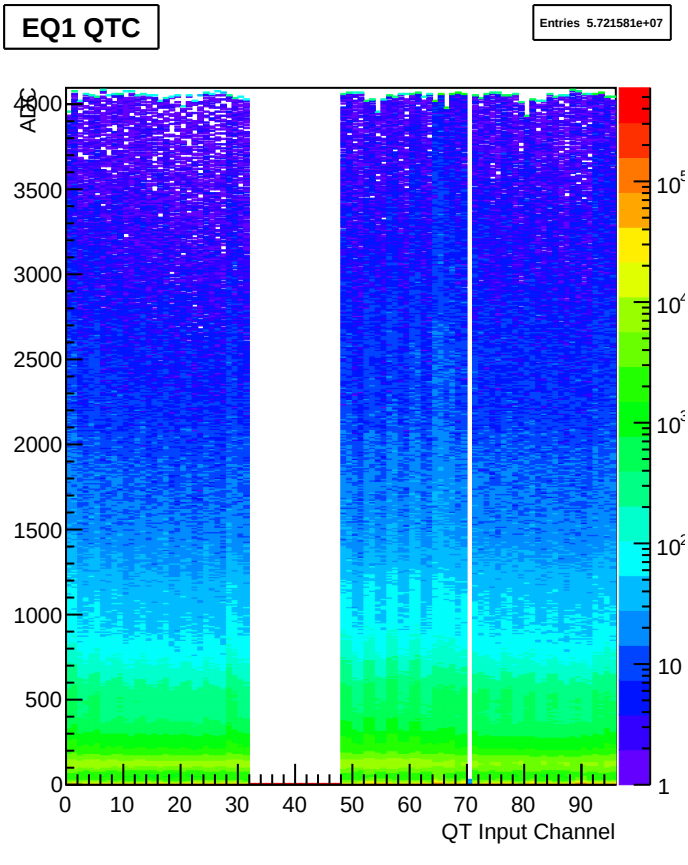

BBQ-VP001 East
Entries 9535968
ADC
QT Input Channel

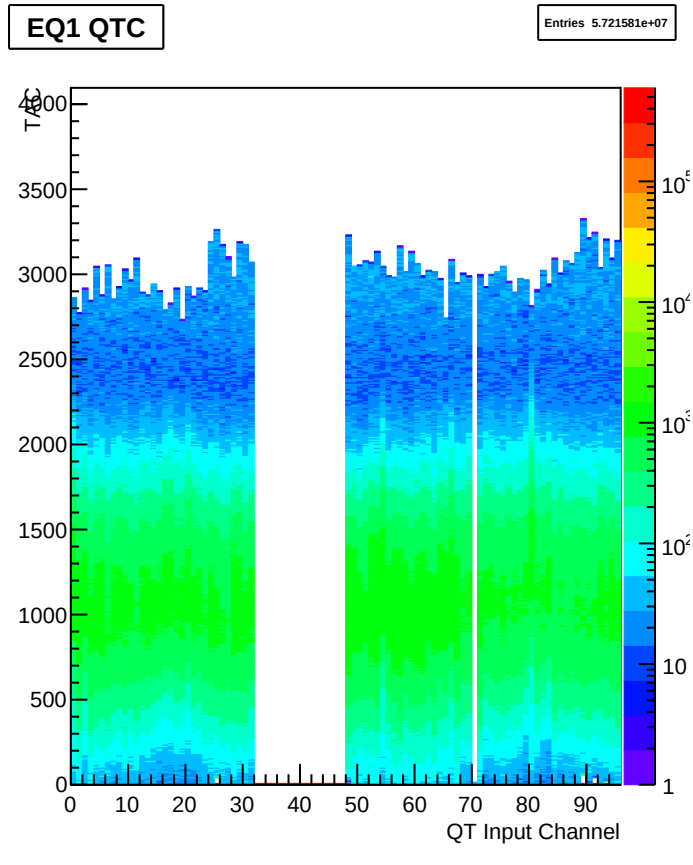

BBQ-VP002 West
Entries 9535968
ADC
QT Input Channel

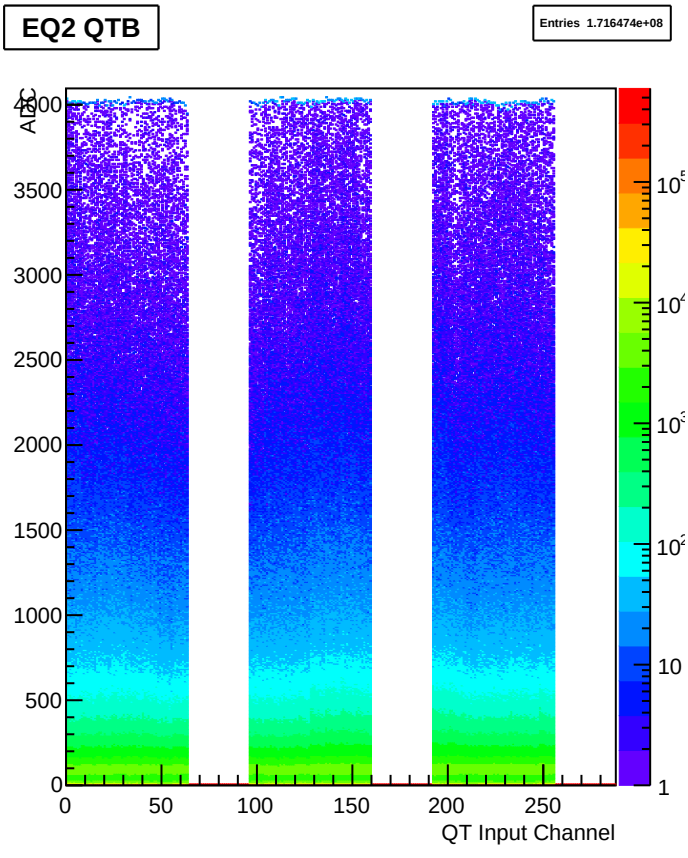

BBQ-VP002 West
Entries 9535968
ADC
QT Input Channel

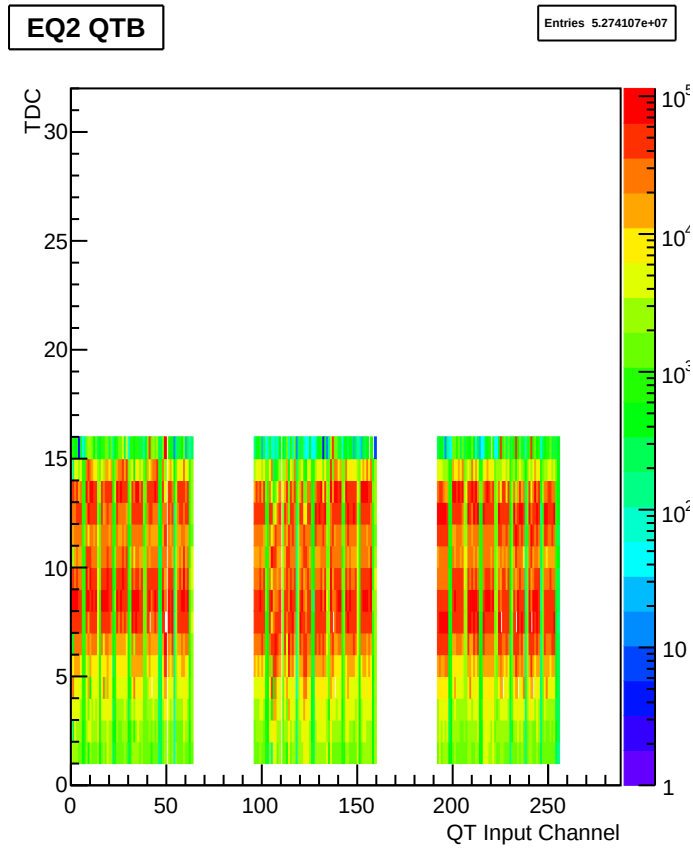

EQ1 QTB
Entries 1.716474e+08
ADC
QT Input Channel

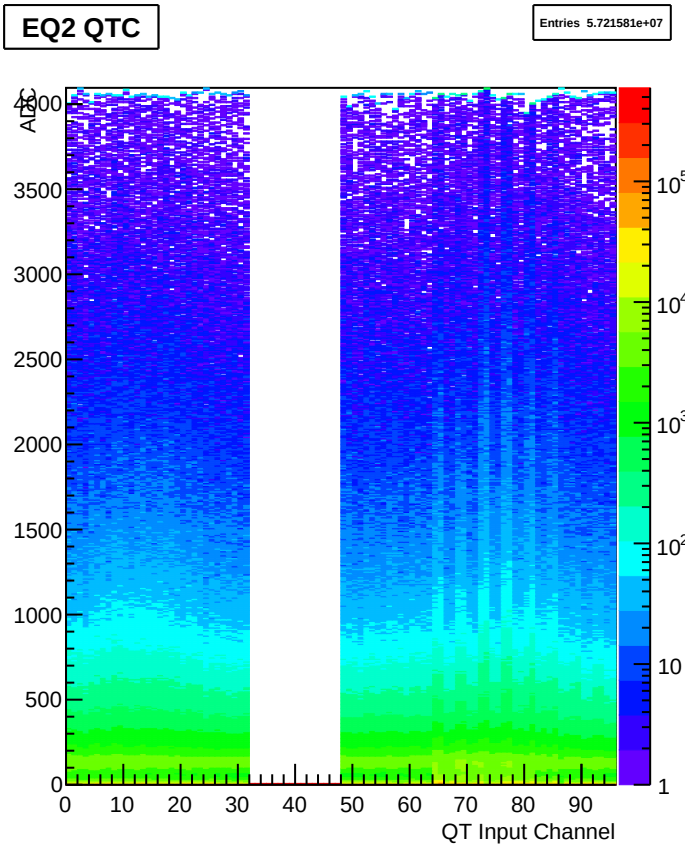

EQ1 QTB
Entries 5.840469e+07
TDC
QT Input Channel

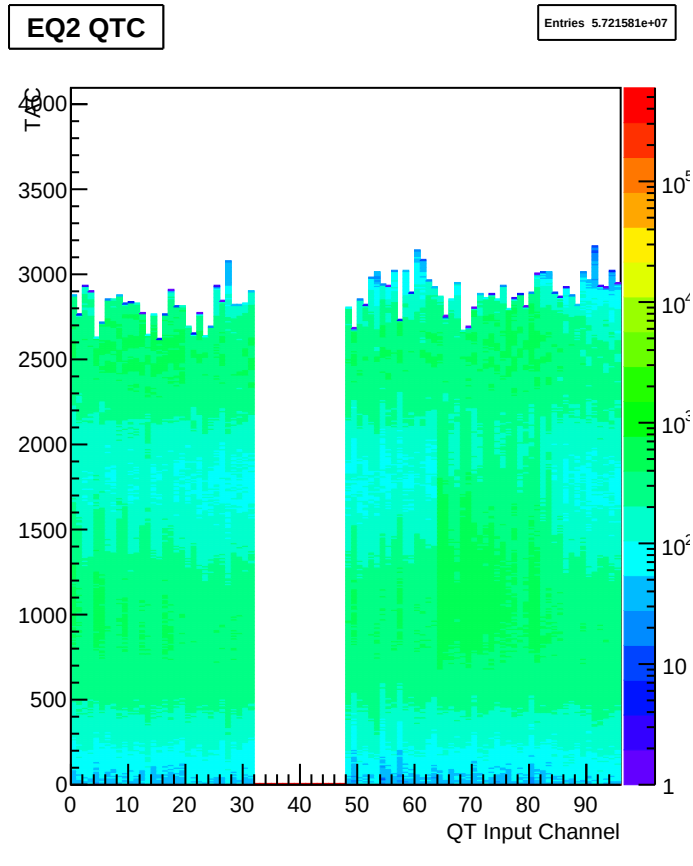

EQ1 QTC
Entries 5.721581e+07
ADC
QT Input Channel

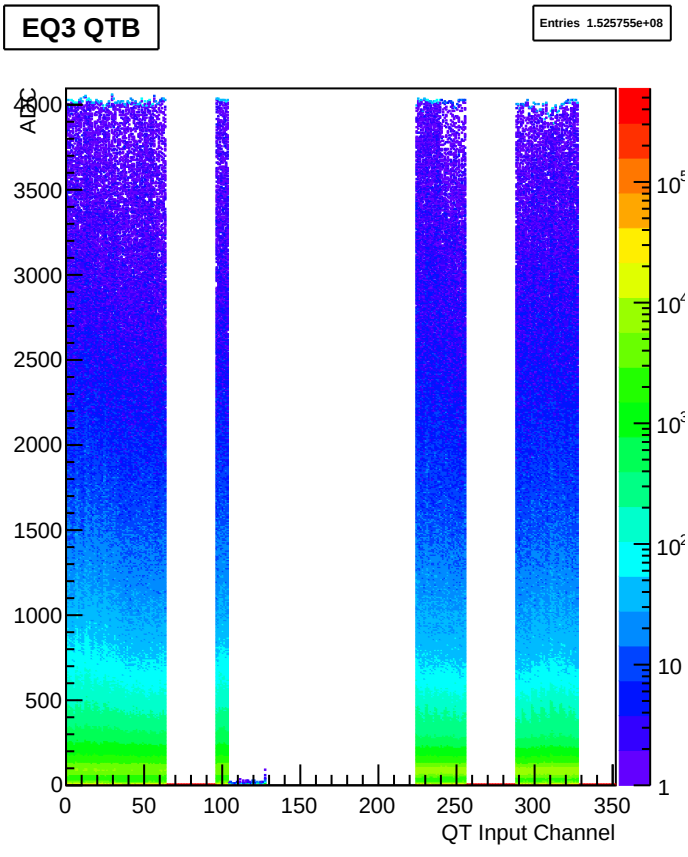

EQ1 QTC
Entries 5.721581e+07
TADC
QT Input Channel

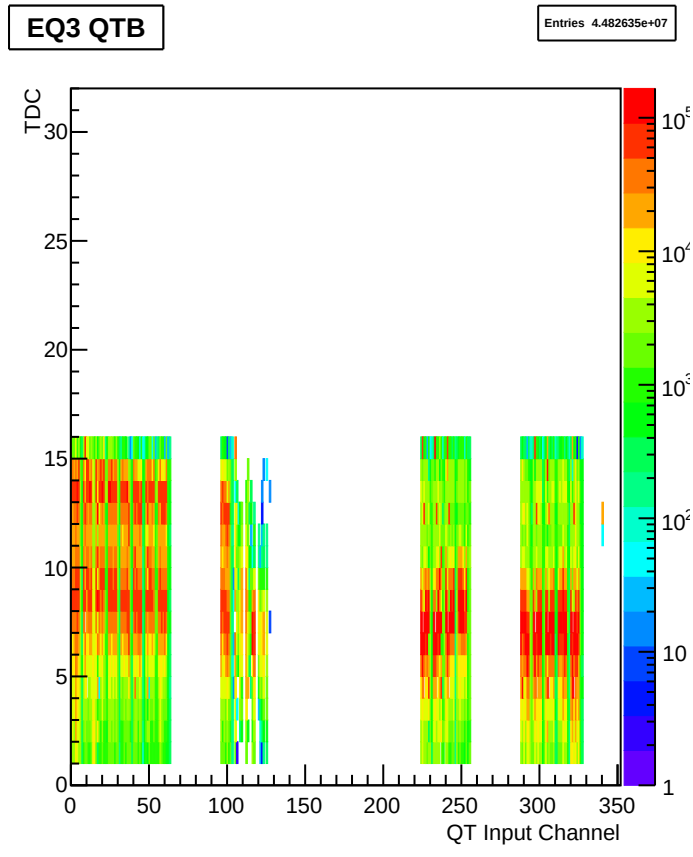

EQ2 QTB
Entries 1.716474e+08
ADC
QT Input Channel

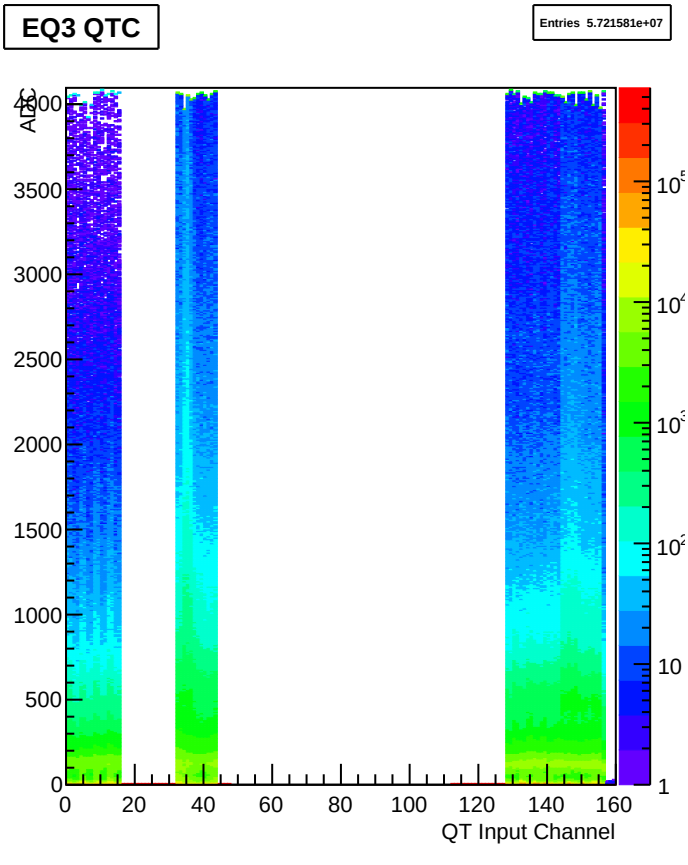

EQ2 QTB
Entries 5.274107e+07
TDC
QT Input Channel

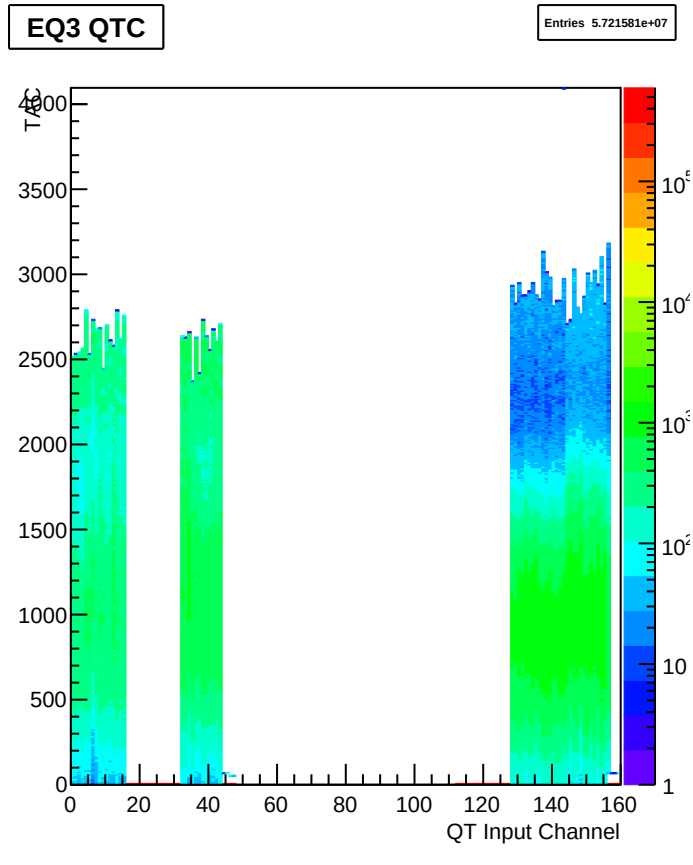

EQ2 QTC
Entries 5.721581e+07
ADC
QT Input Channel

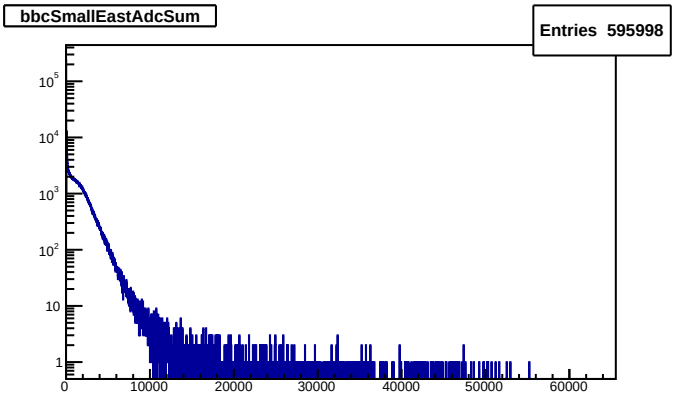

EQ2 QTC
Entries 5.721581e+07
TADC
QT Input Channel

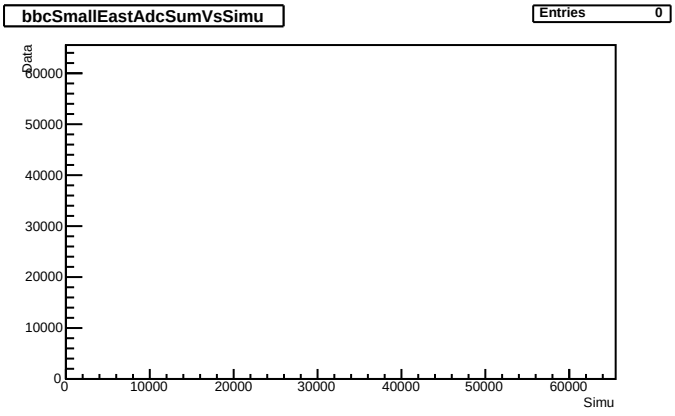

EQ3 QTB
Entries 1.525755e+08
ADC
QT Input Channel

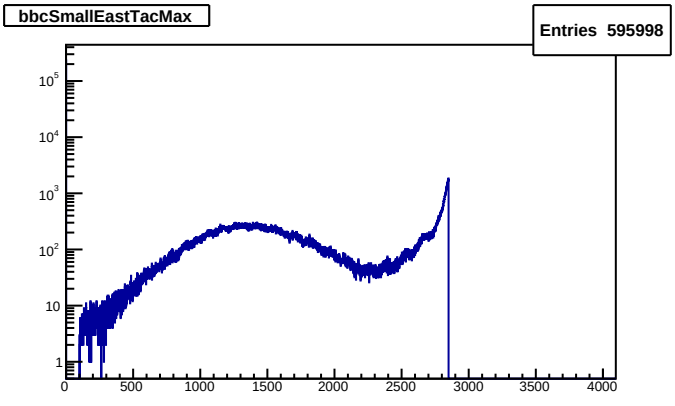

EQ3 QTB
Entries 4.482635e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.721581e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.721581e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 595998


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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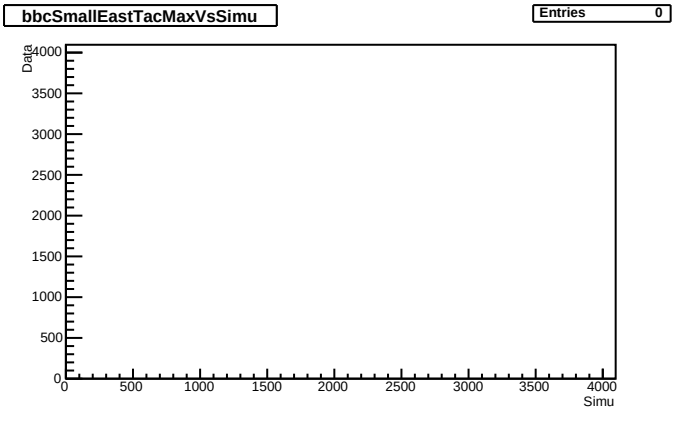
Entries 595998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Entries 0
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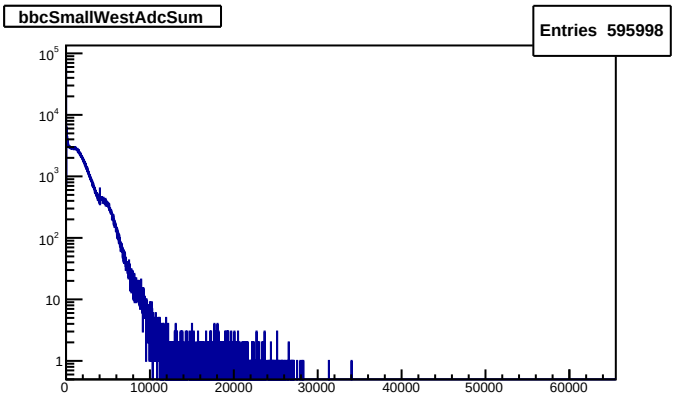
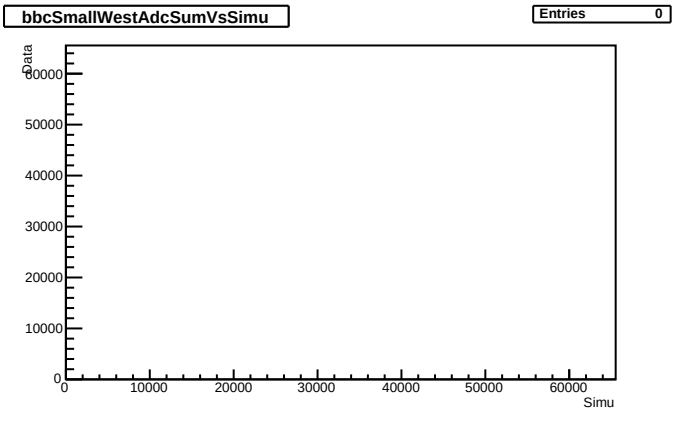

bbcSmallWestAdcSum
Entries 595998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Entries 0
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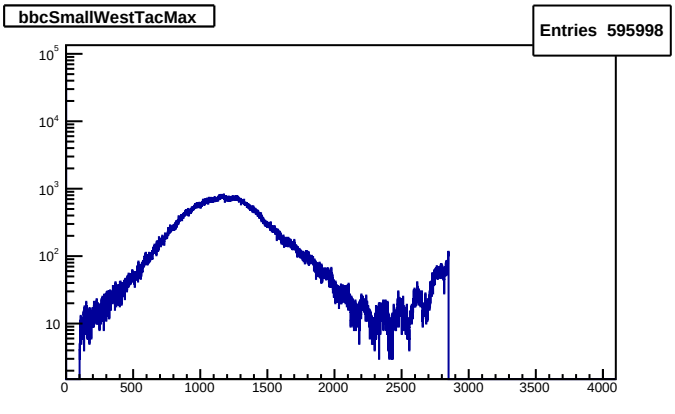
Simu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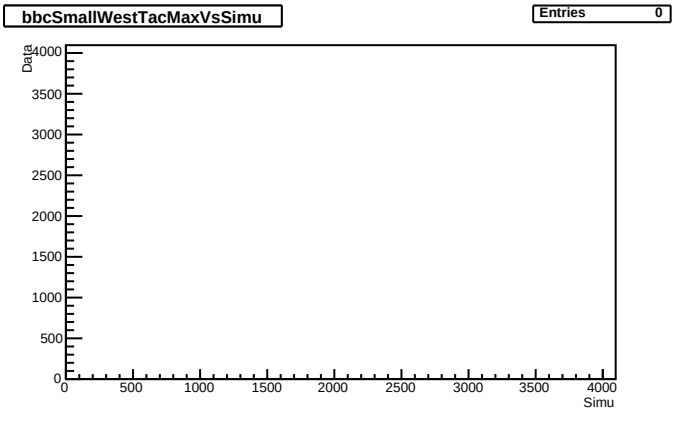
Entries 595998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Entries 0
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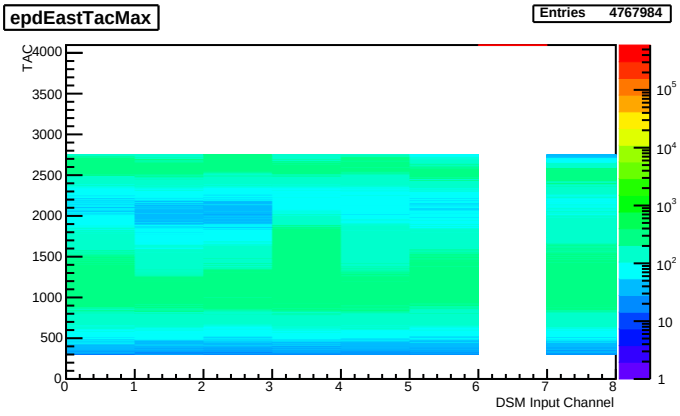
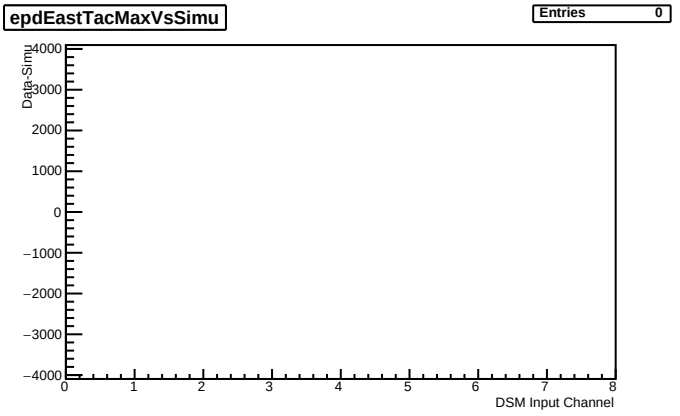
Simu


epdEastTacMax
Entries 4767984
TAC
DSM Input Channel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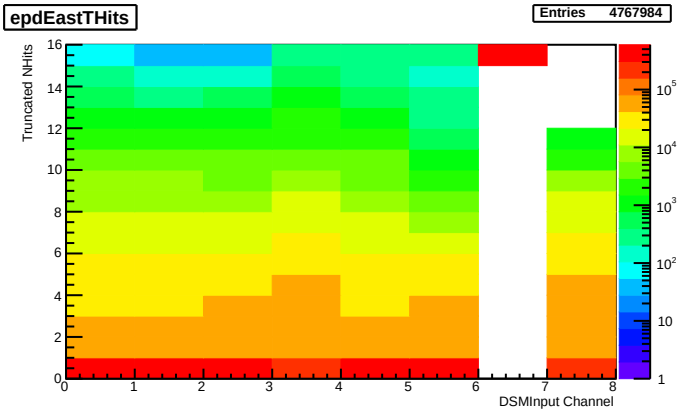
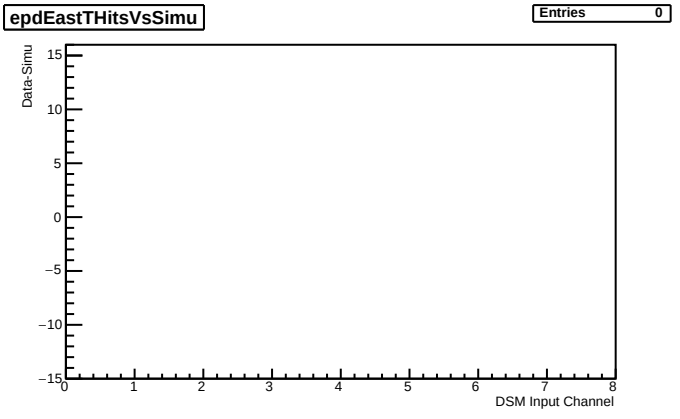
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4767984
Truncated NHits
DSMInput Channel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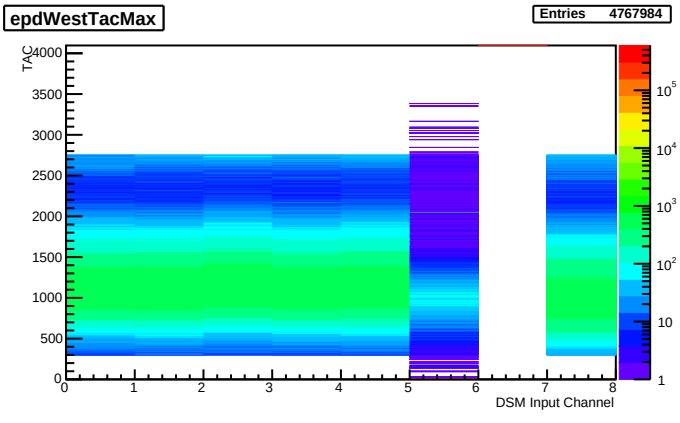
DSM Input Channel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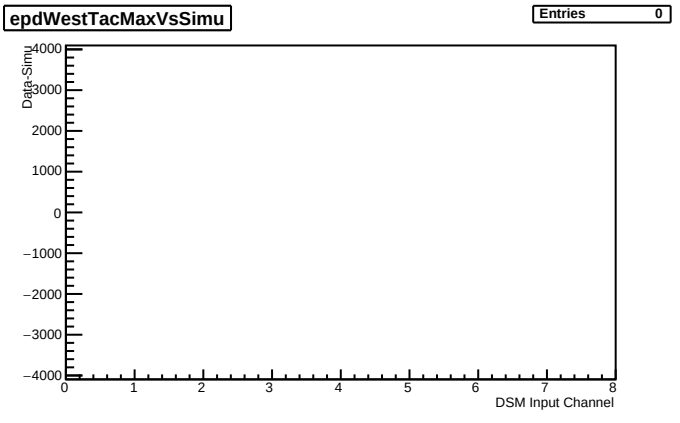
Entries 4767984
TAC
DSM Input Channel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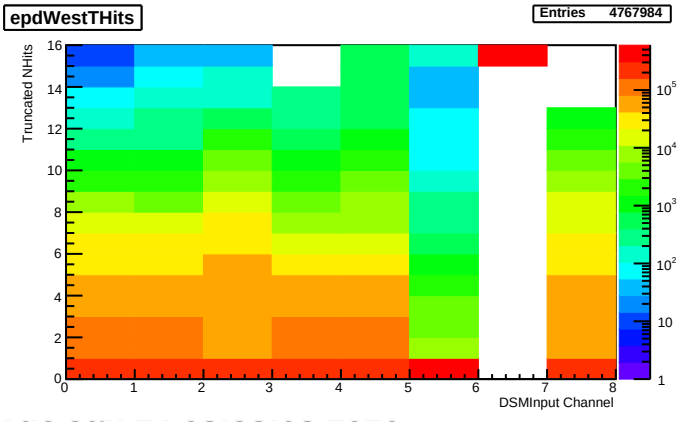
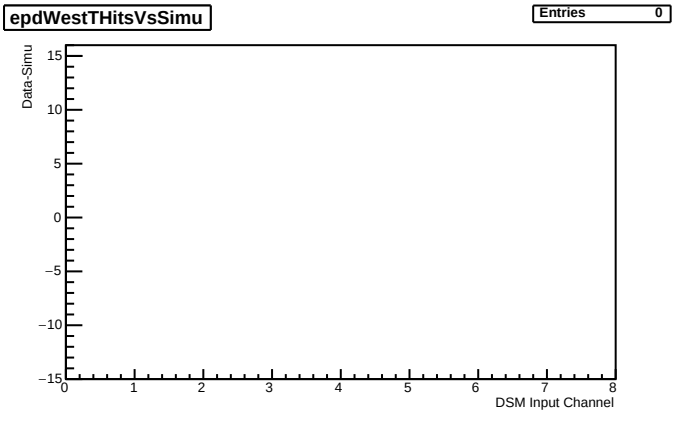
DSM Input Channel


epdWestTHits
Entries 4767984
Truncated NHits
DSMInput Channel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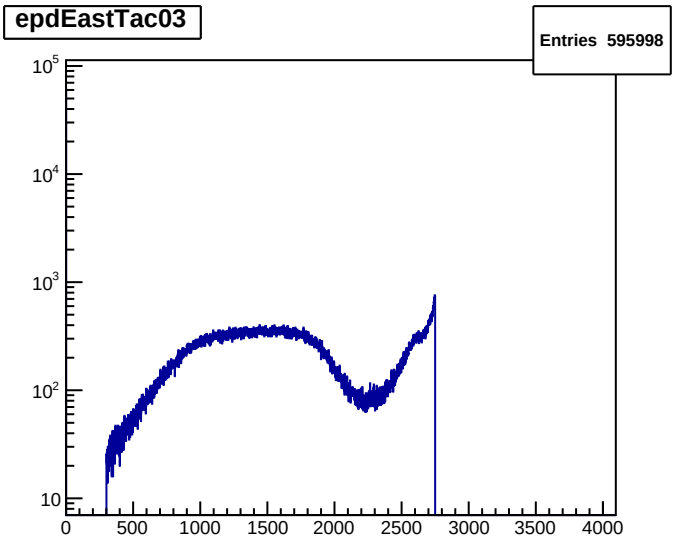
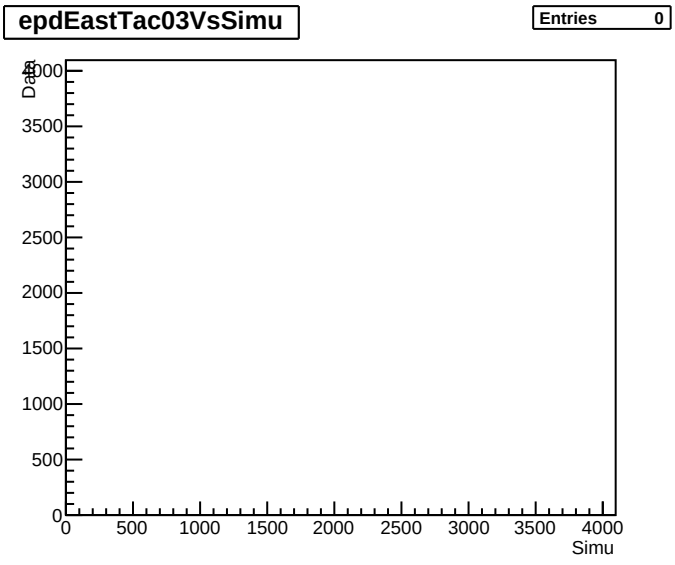
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 595998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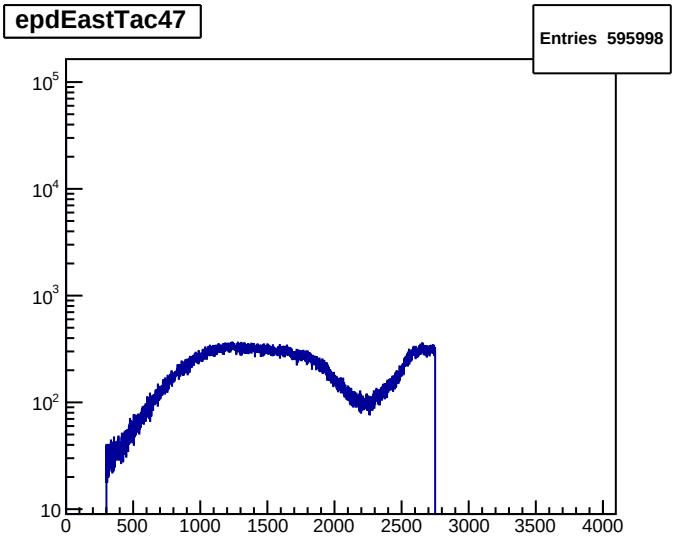
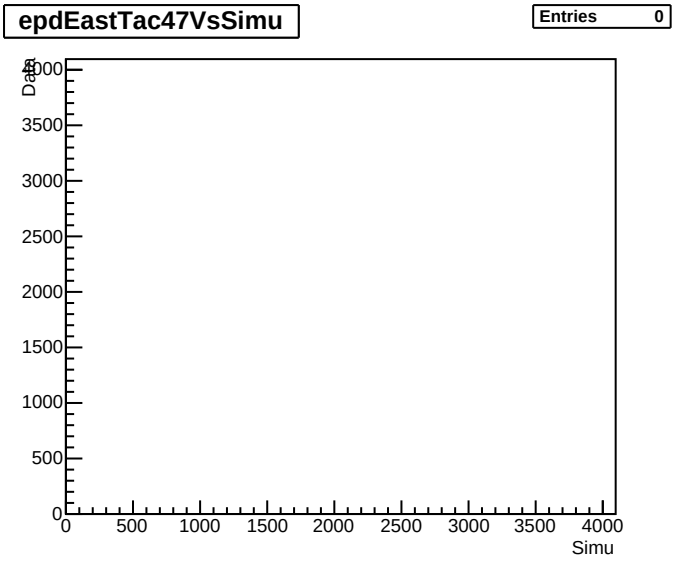
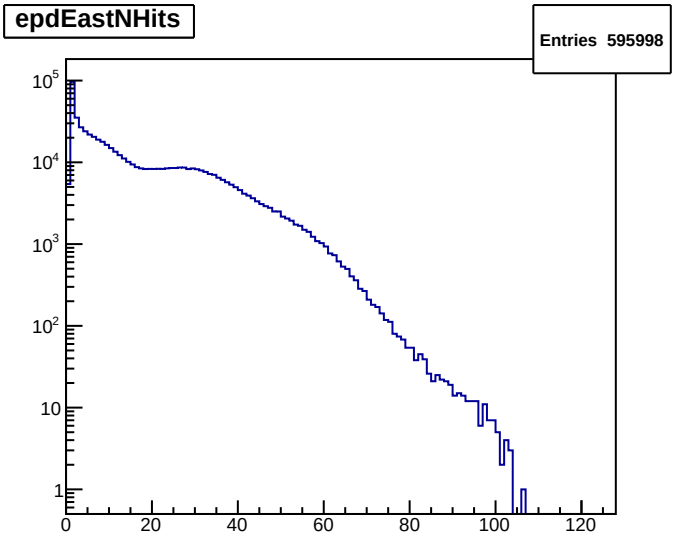
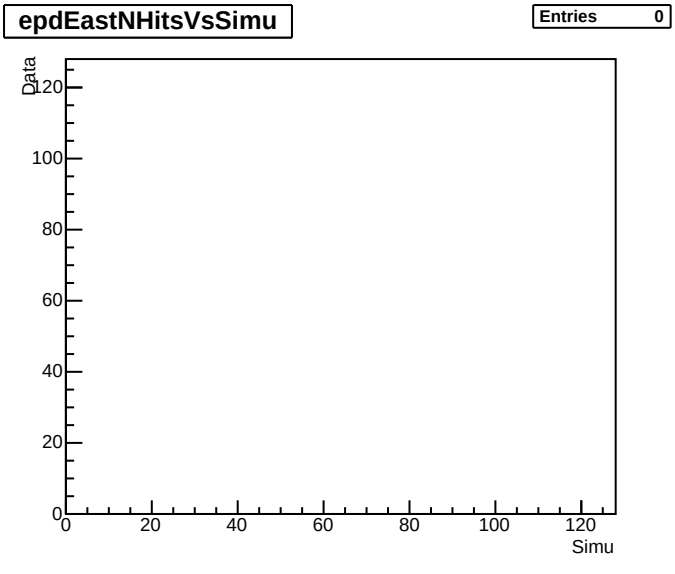
Entries 0
Data
Simu


epdEastTac47
Entries 595998


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 595998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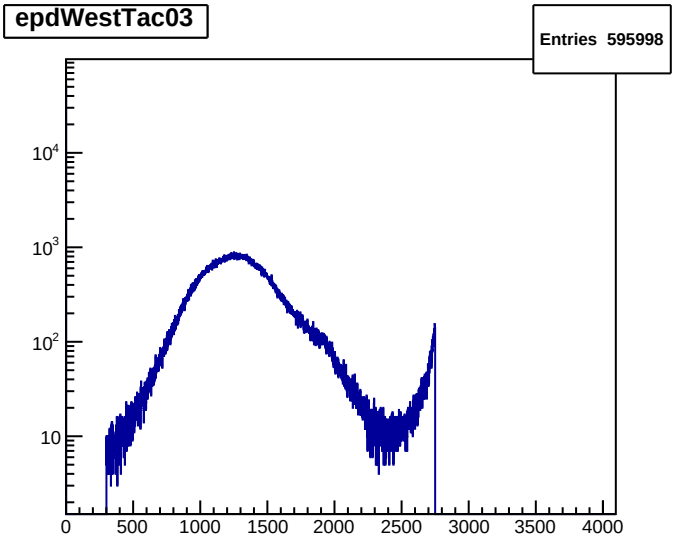
Entries 0
Data
Simu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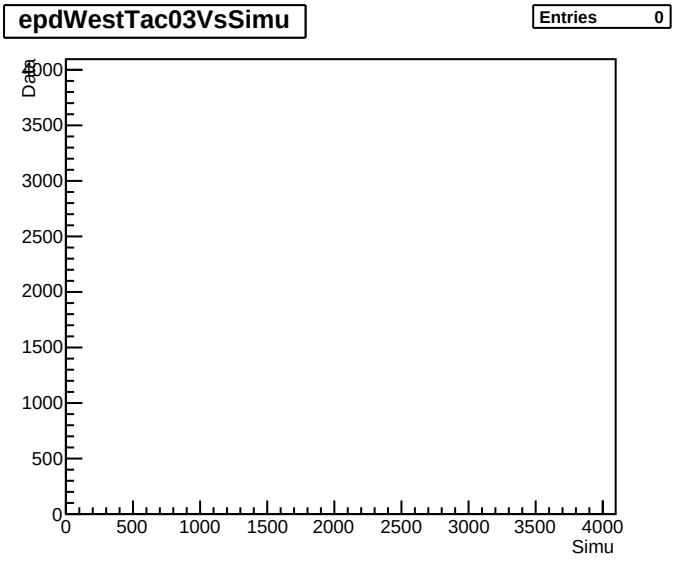
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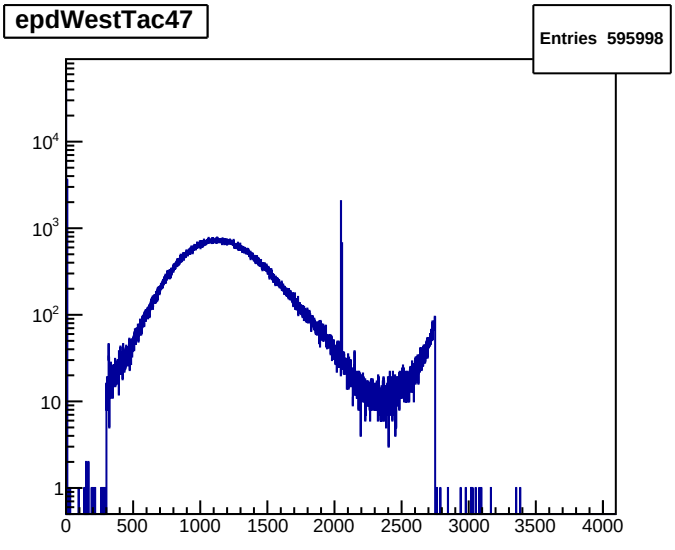
Entries 0
Data
Simu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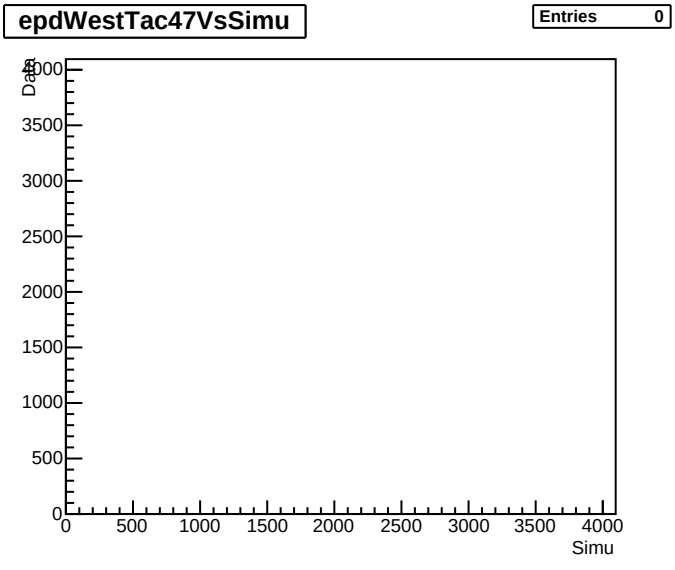
Entries 595998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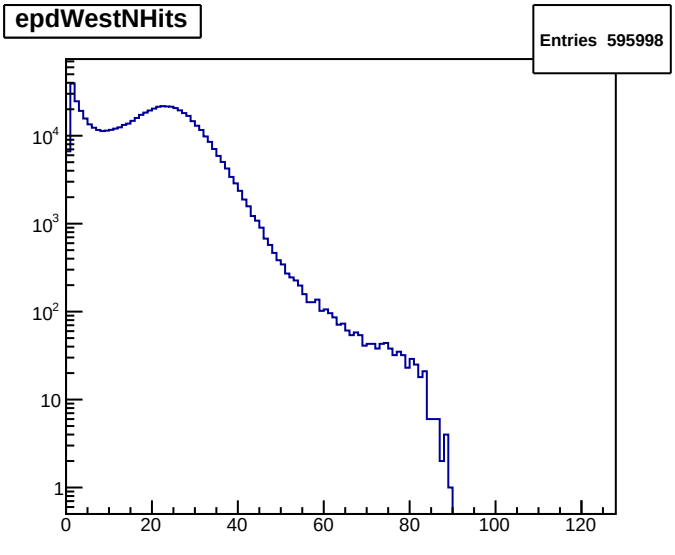
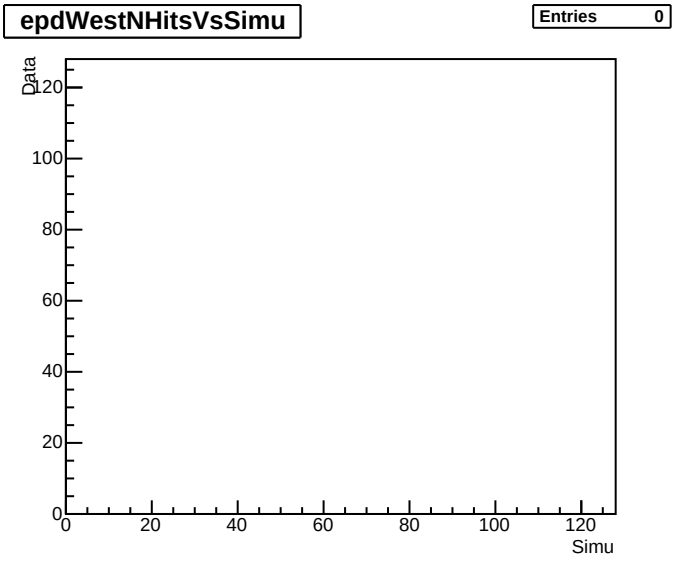
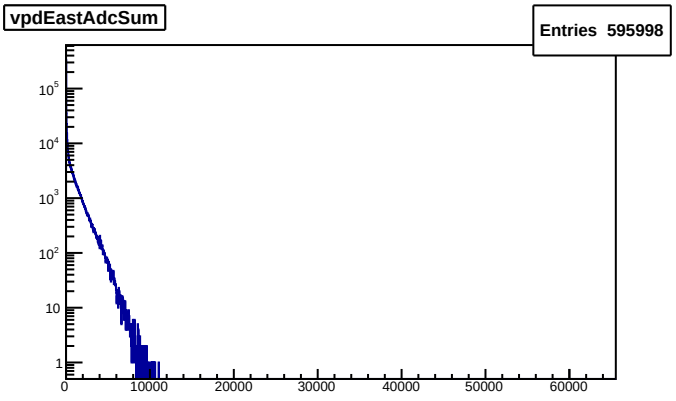
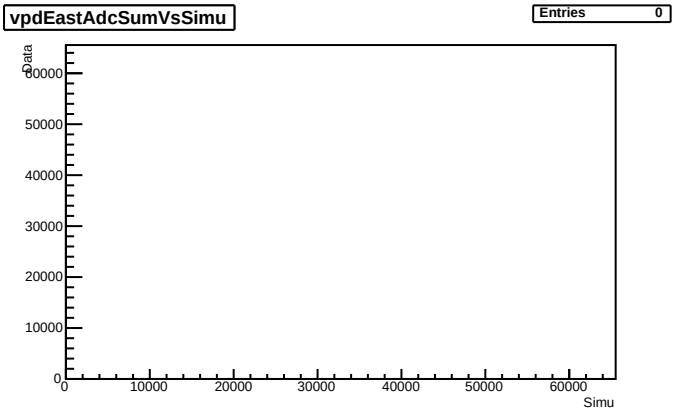
Entries 0
Data
Simu


epdWestNHits
Entries 595998


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 595998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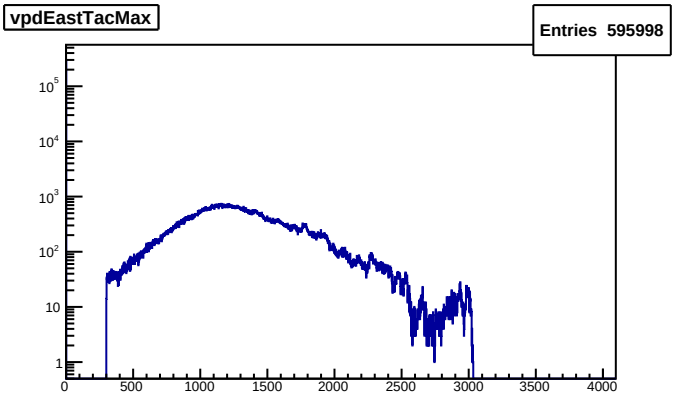
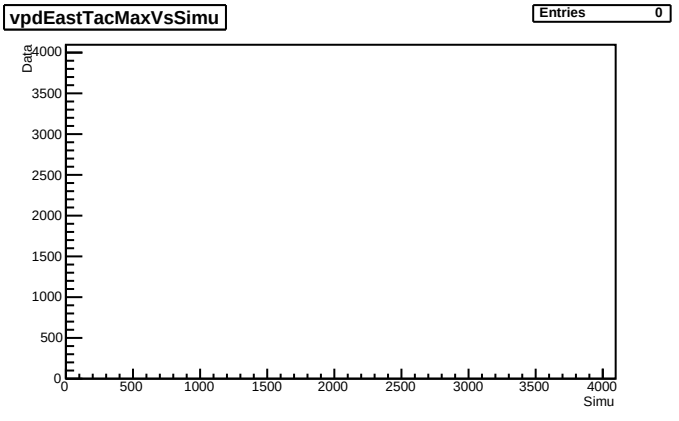
Entries 0
Data
Simu


vpdEastTacMax
Entries 595998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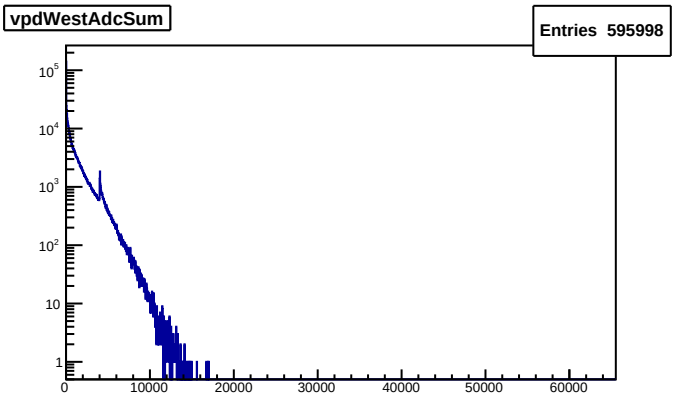
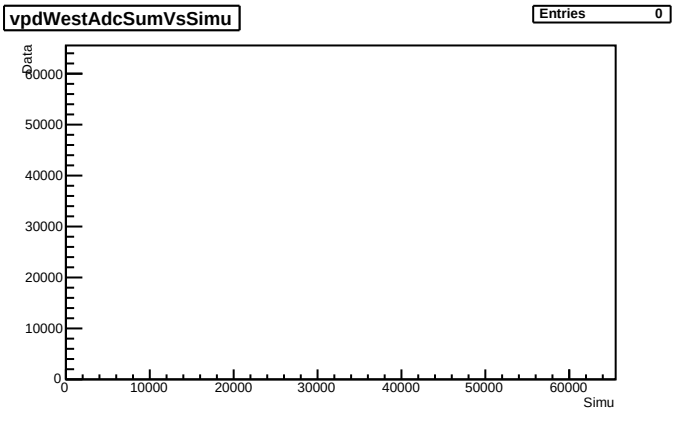
Entries 0
Data
Simu


vpdWestAdcSum
Entries 595998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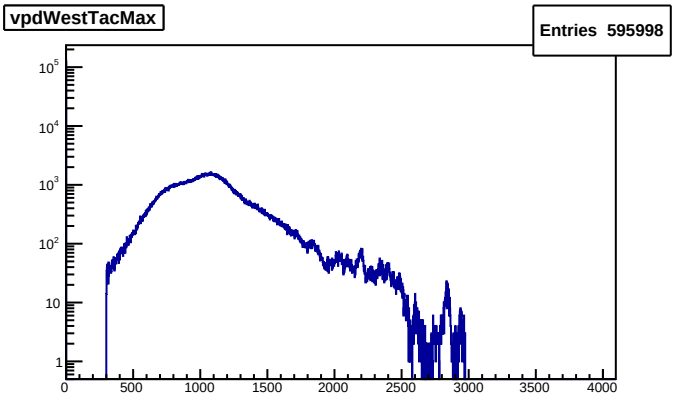
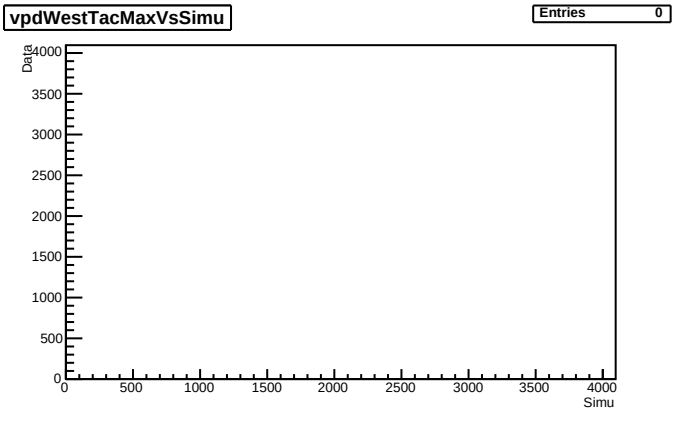
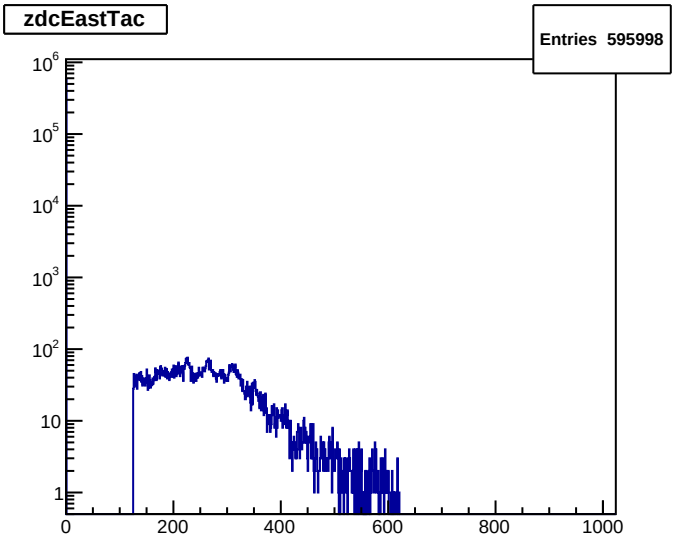
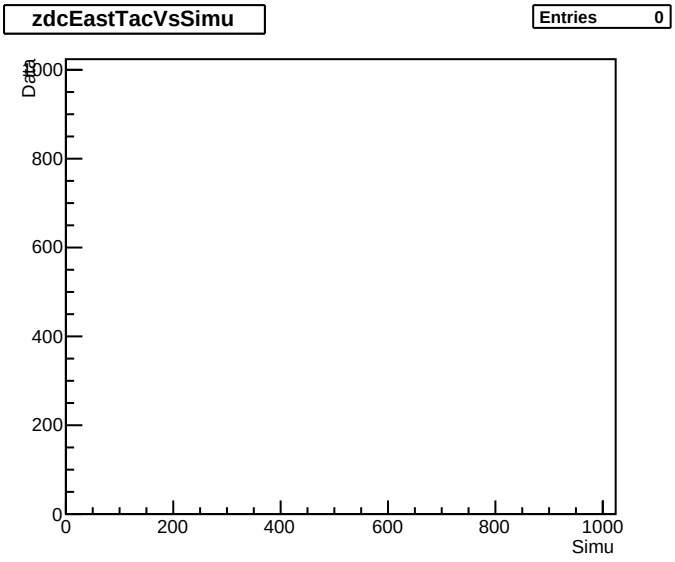
Entries 0
Data
Simu


vpdWestTacMax
Entries 595998


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 595998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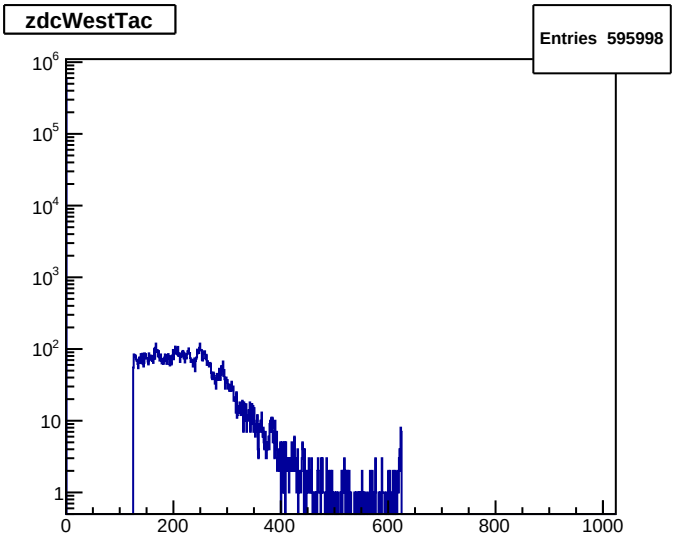
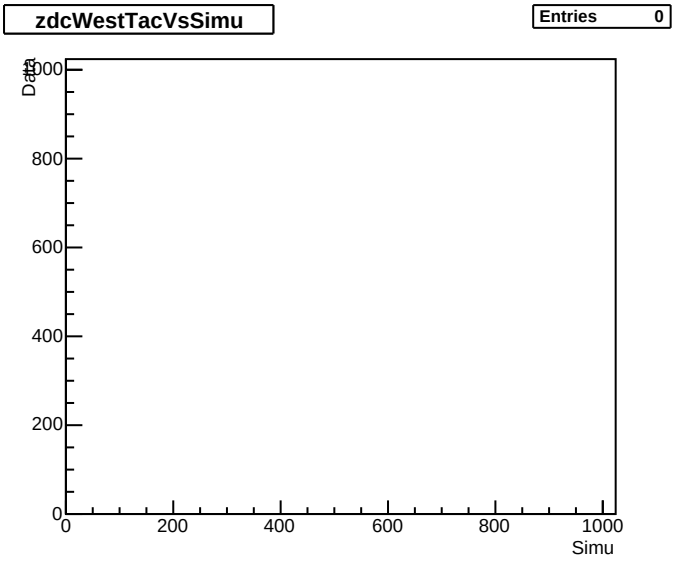
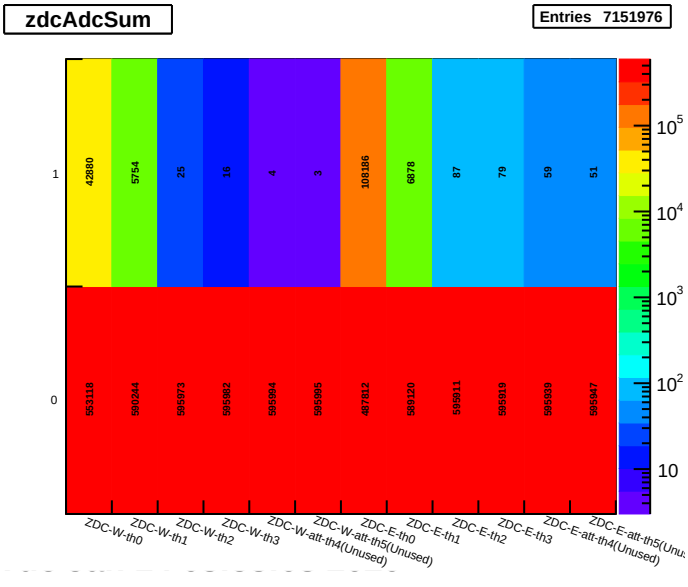
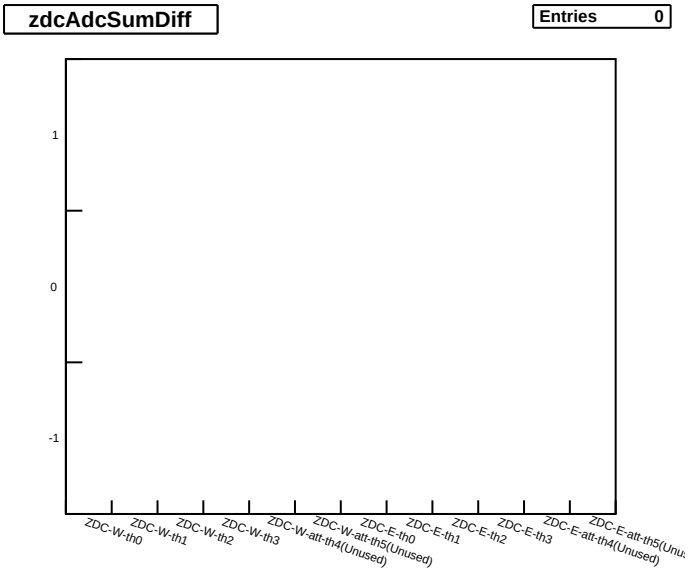
Entries 0
Data
Simu


zdcWestTac
Entries 595998


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 7151976
42880
5754
25
16
4
3
108186
6878
87
79
59
51
553118
590244
595973
595982
595994
595995
487812
589120
595911
595919
595939
595947
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
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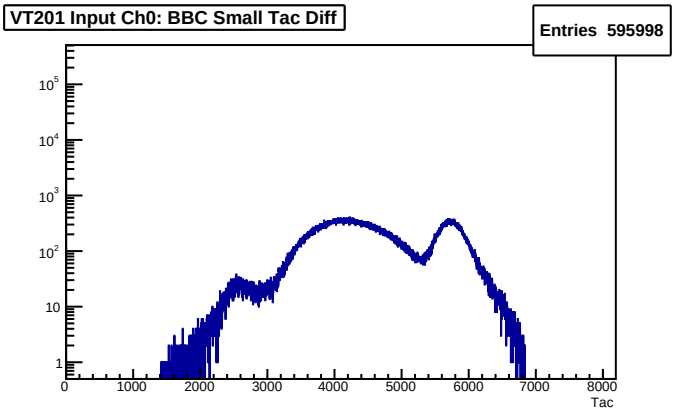
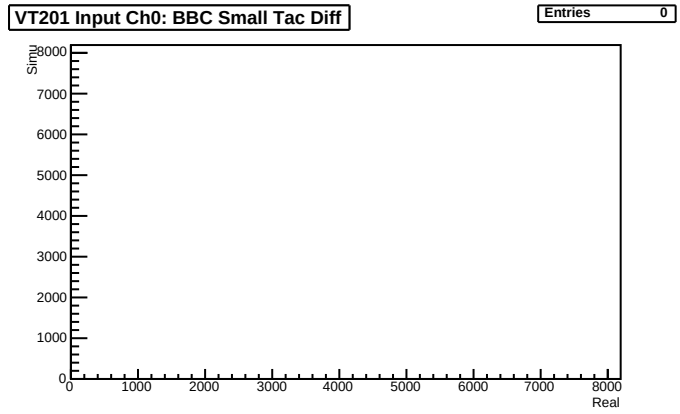
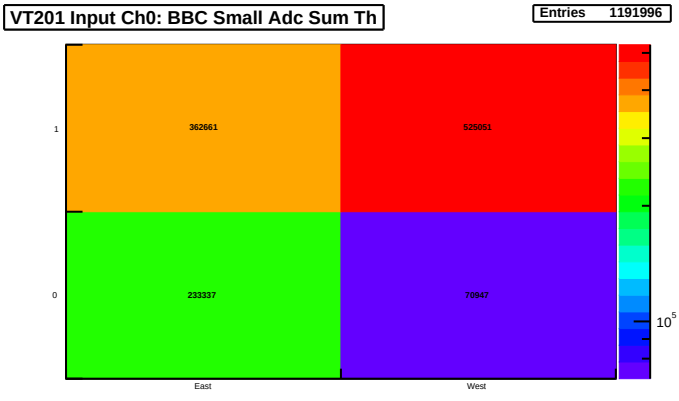
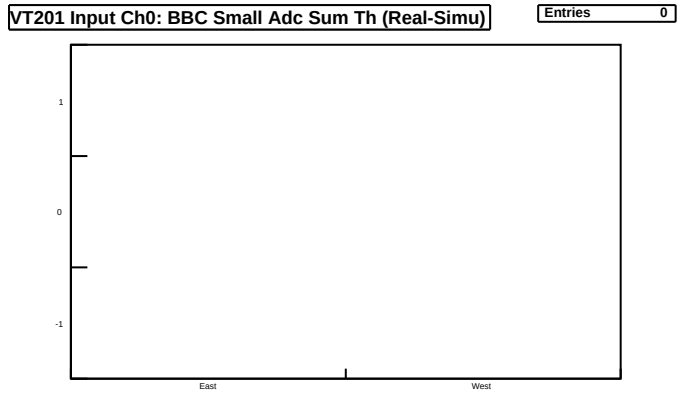
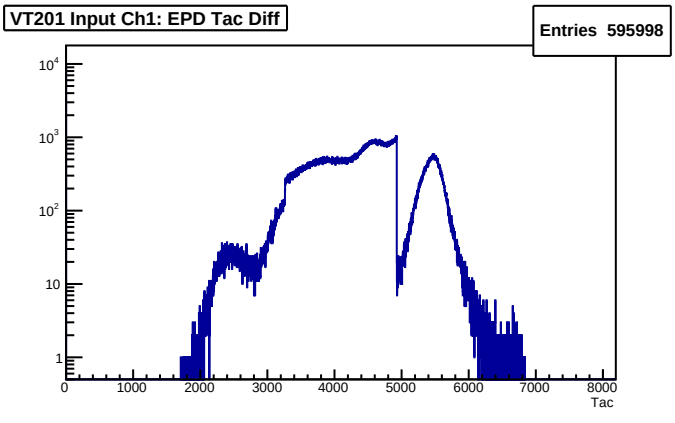
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

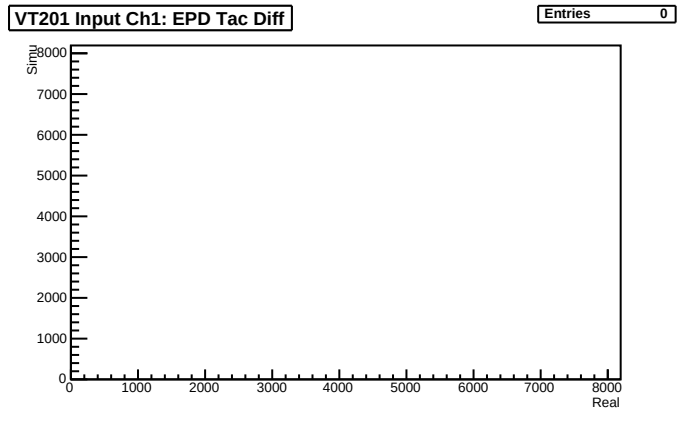

VT201 Input Ch0: BBC Small Tac Diff
Entries 595998
Tac

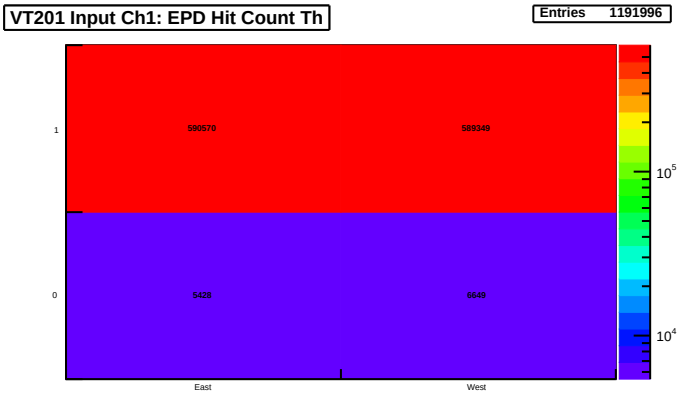

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

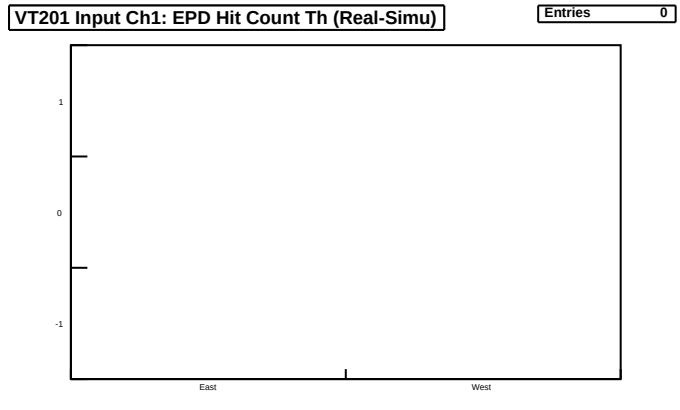

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1191996
362661
525051
233337
70947
East
West

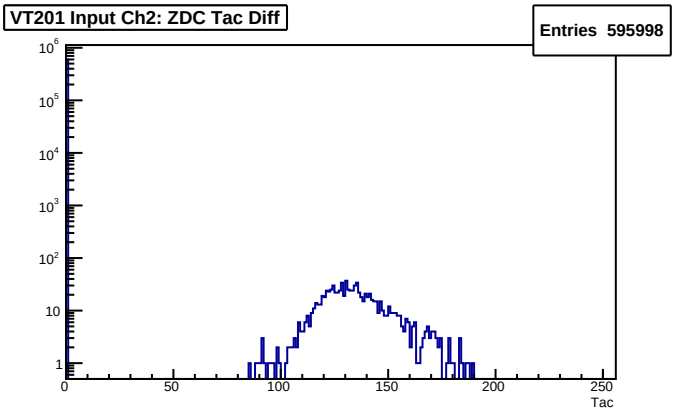

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

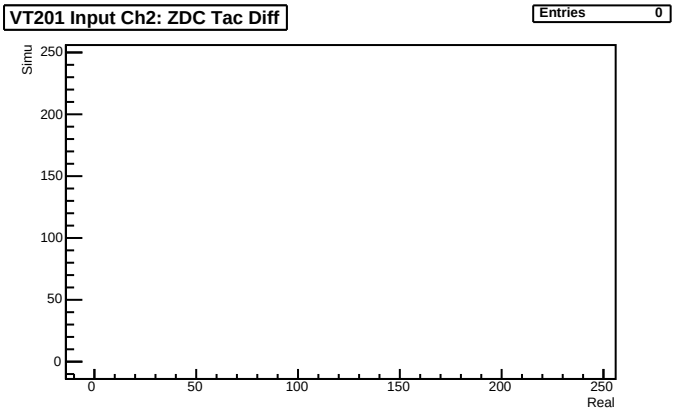

VT201 Input Ch1: EPD Tac Diff
Entries 595998
Tac

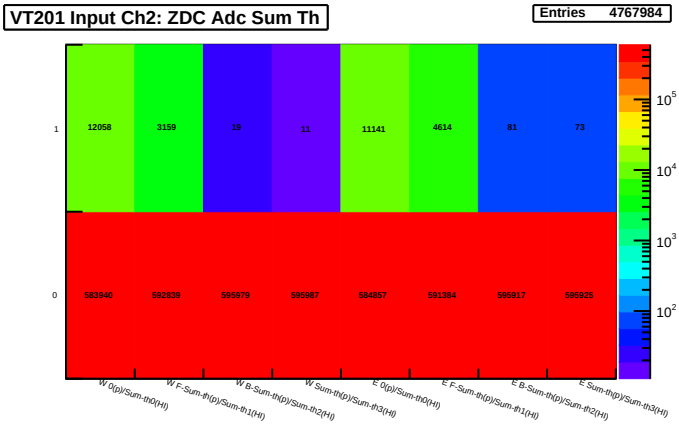

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

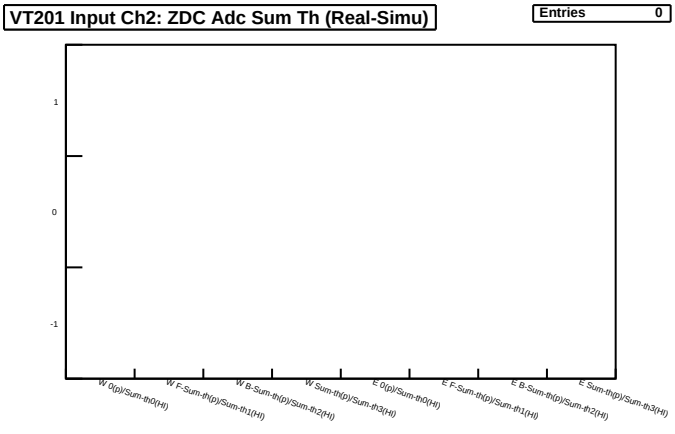

VT201 Input Ch1: EPD Hit Count Th
Entries 1191996
590570
589349
5428
6649
East
West

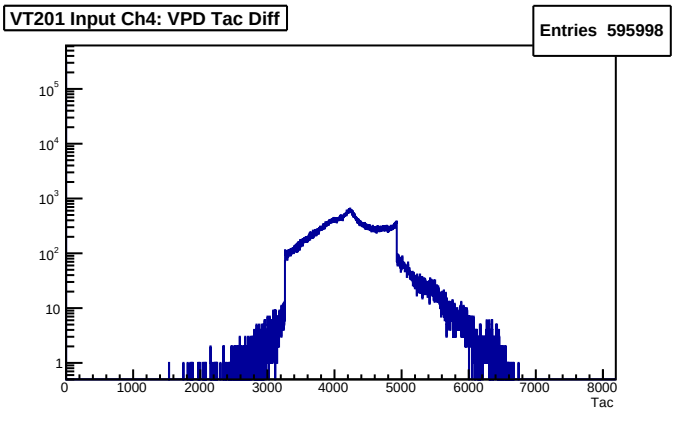

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

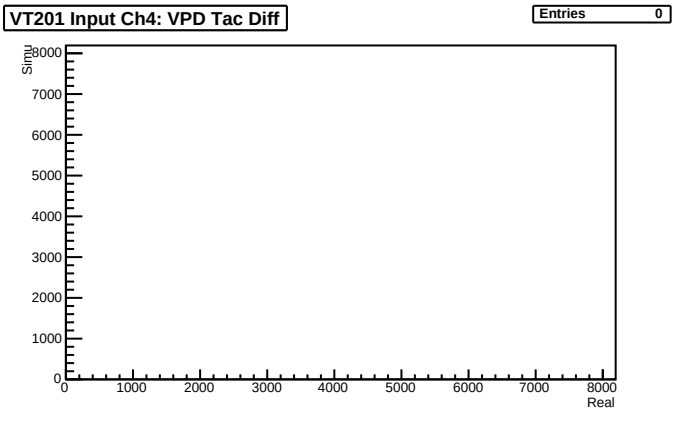

VT201 Input Ch2: ZDC Tac Diff
Entries 595998
Tac

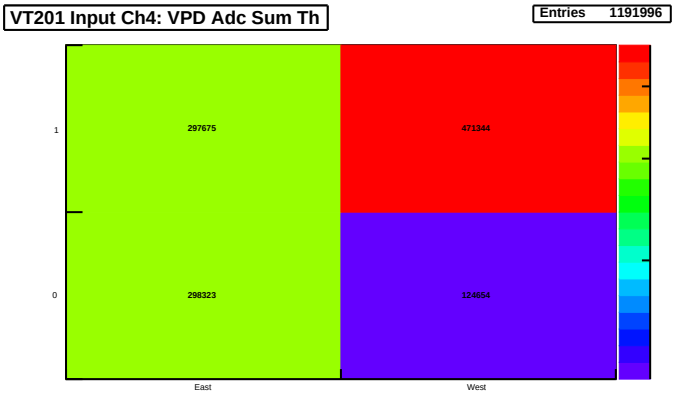

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

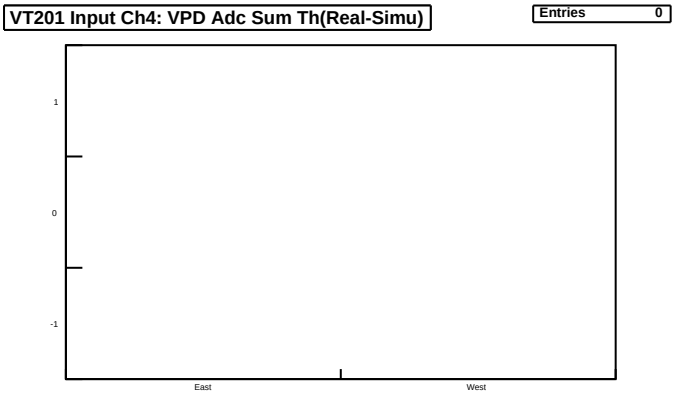

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4767984
12058
3159
19
11
11141
4614
81
73
583940
592839
595979
595987
584857
591384
595917
595925
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

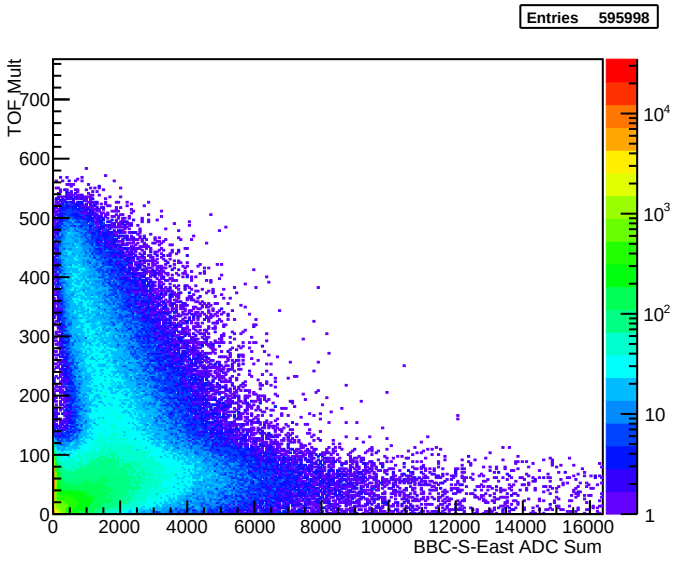

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

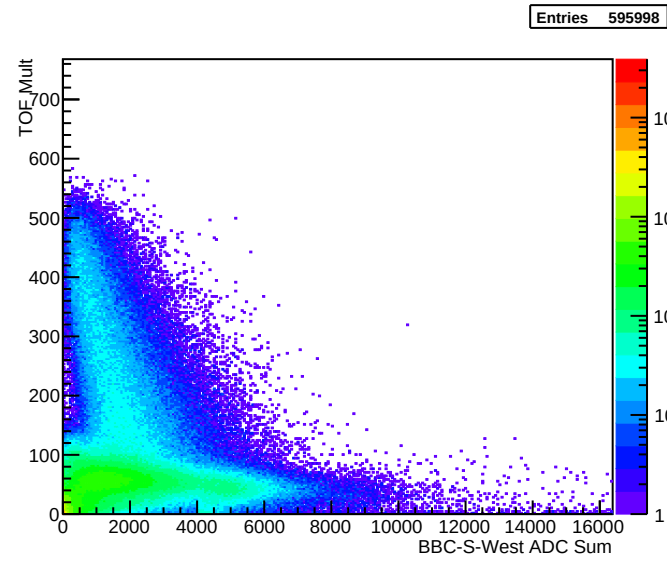

VT201 Input Ch4: VPD Tac Diff
Entries 595998
Tac

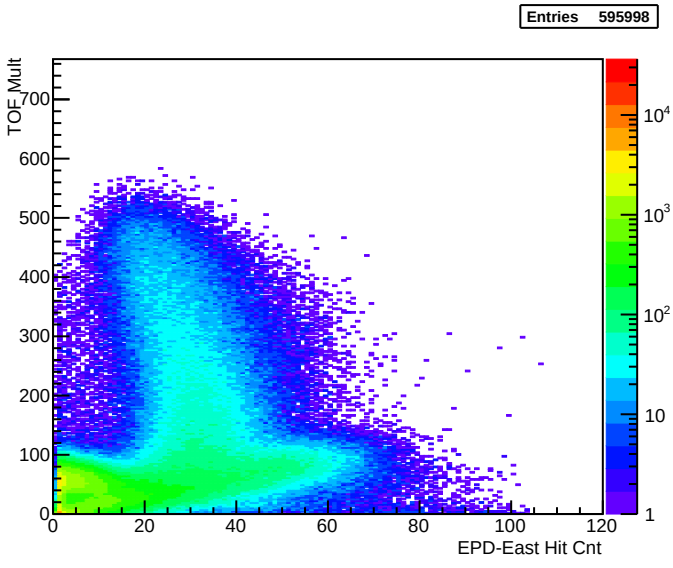

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

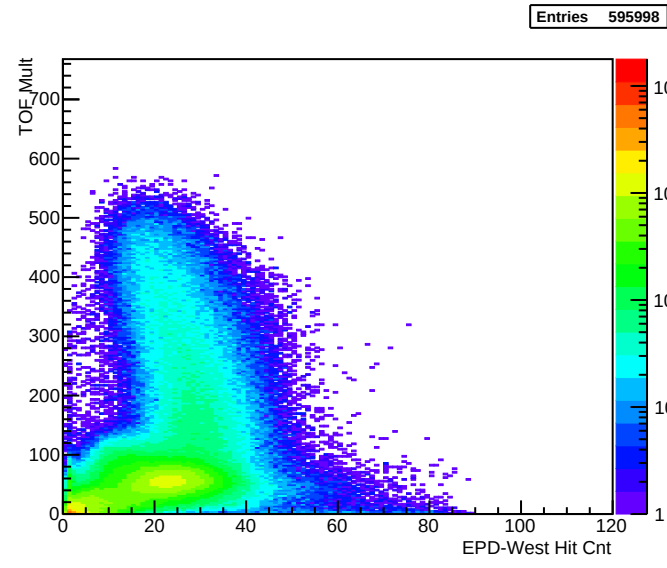

VT201 Input Ch4: VPD Adc Sum Th
Entries 1191996
297675
471344
298323
124654
East
West

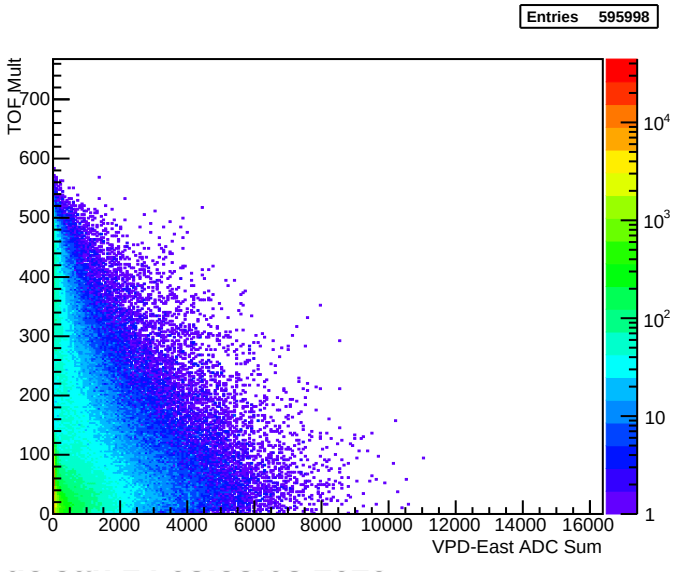

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

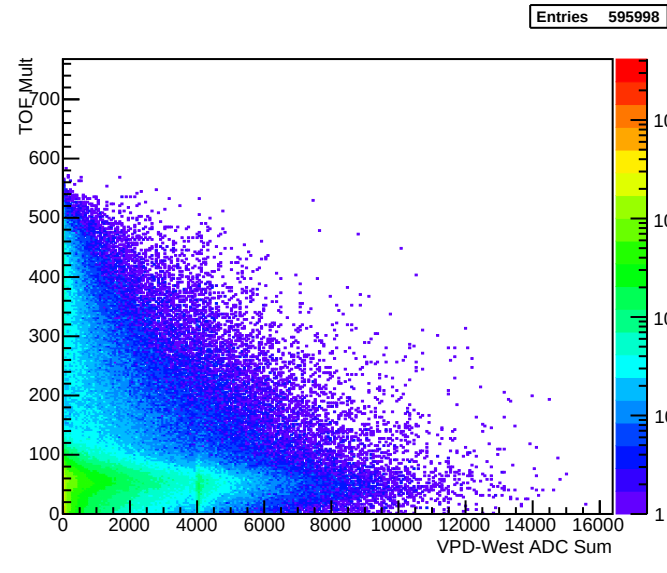

Entries 595998
TOF_Mult
BBC-S-East ADC Sum

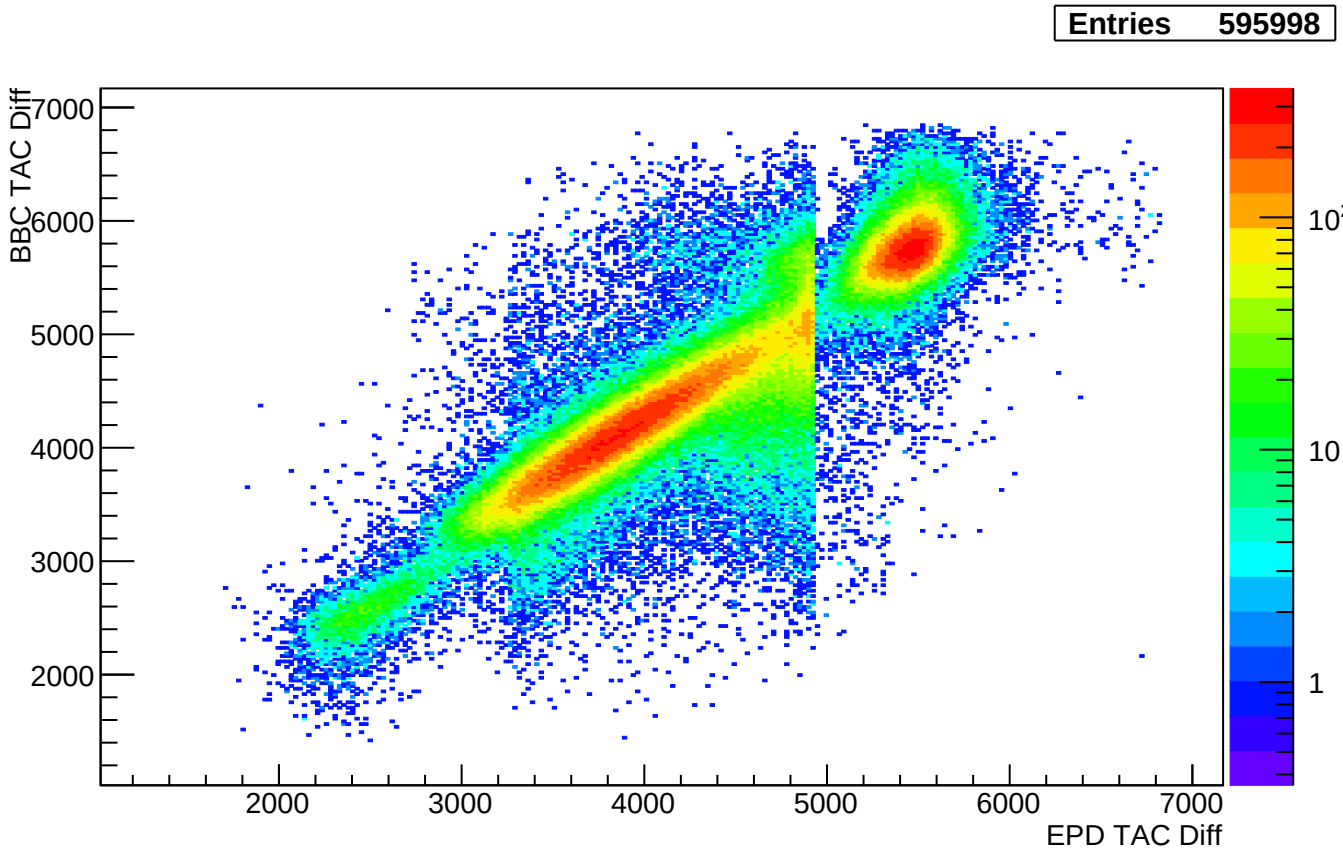

Entries 595998
TOF_Mult
BBC-S-West ADC Sum

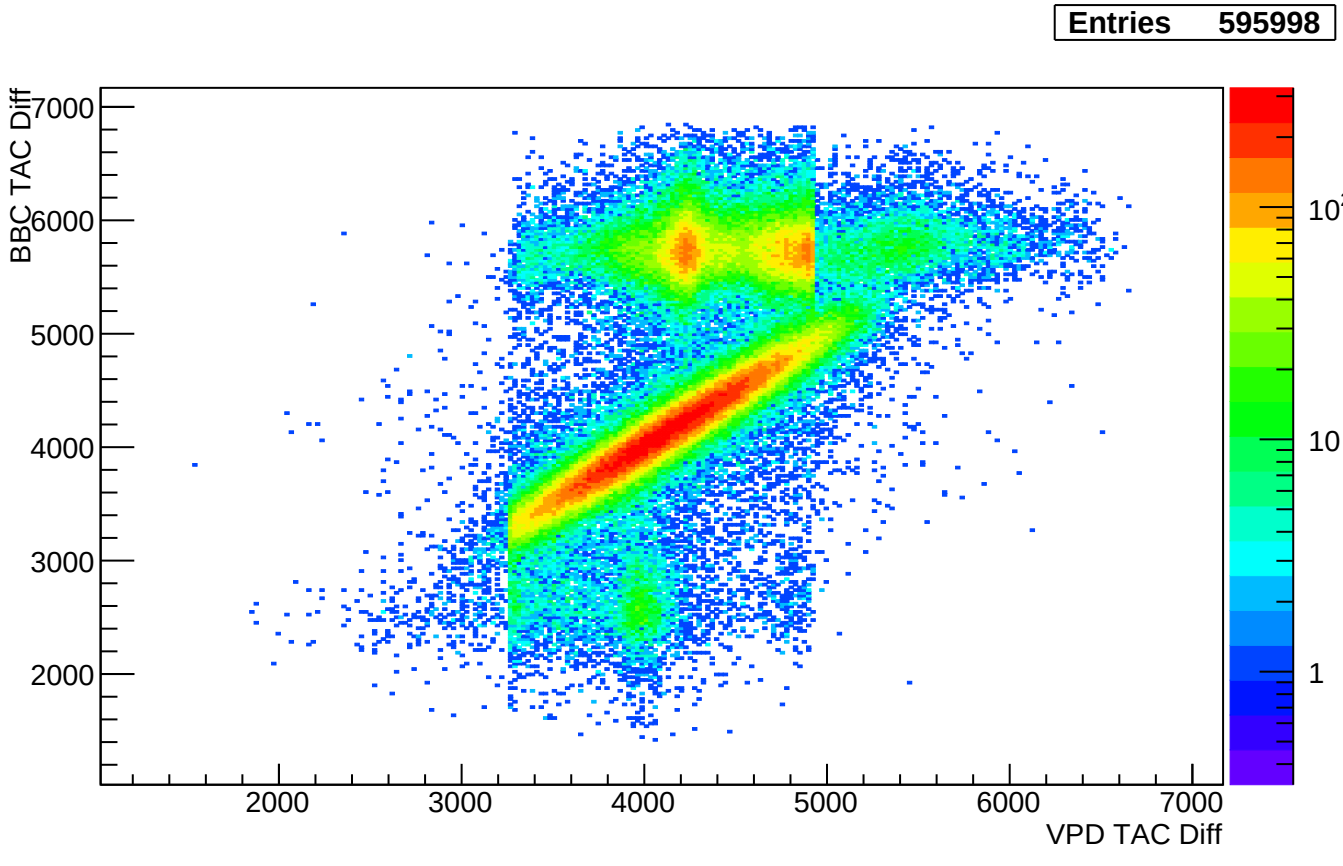

Entries 595998
TOF_Mult
EPD-East Hit Cnt

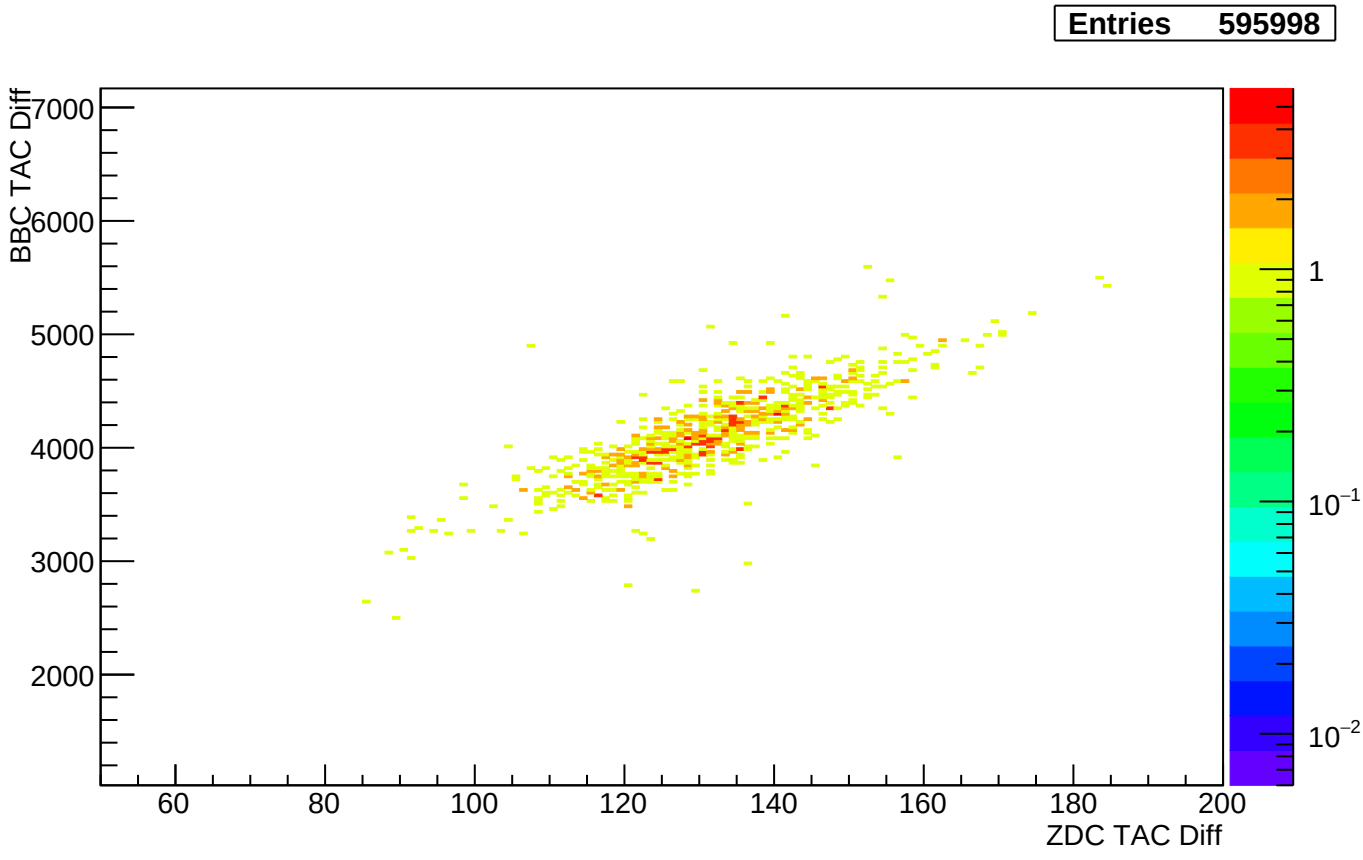

Entries 595998
TOF_Mult
EPD-West Hit Cnt

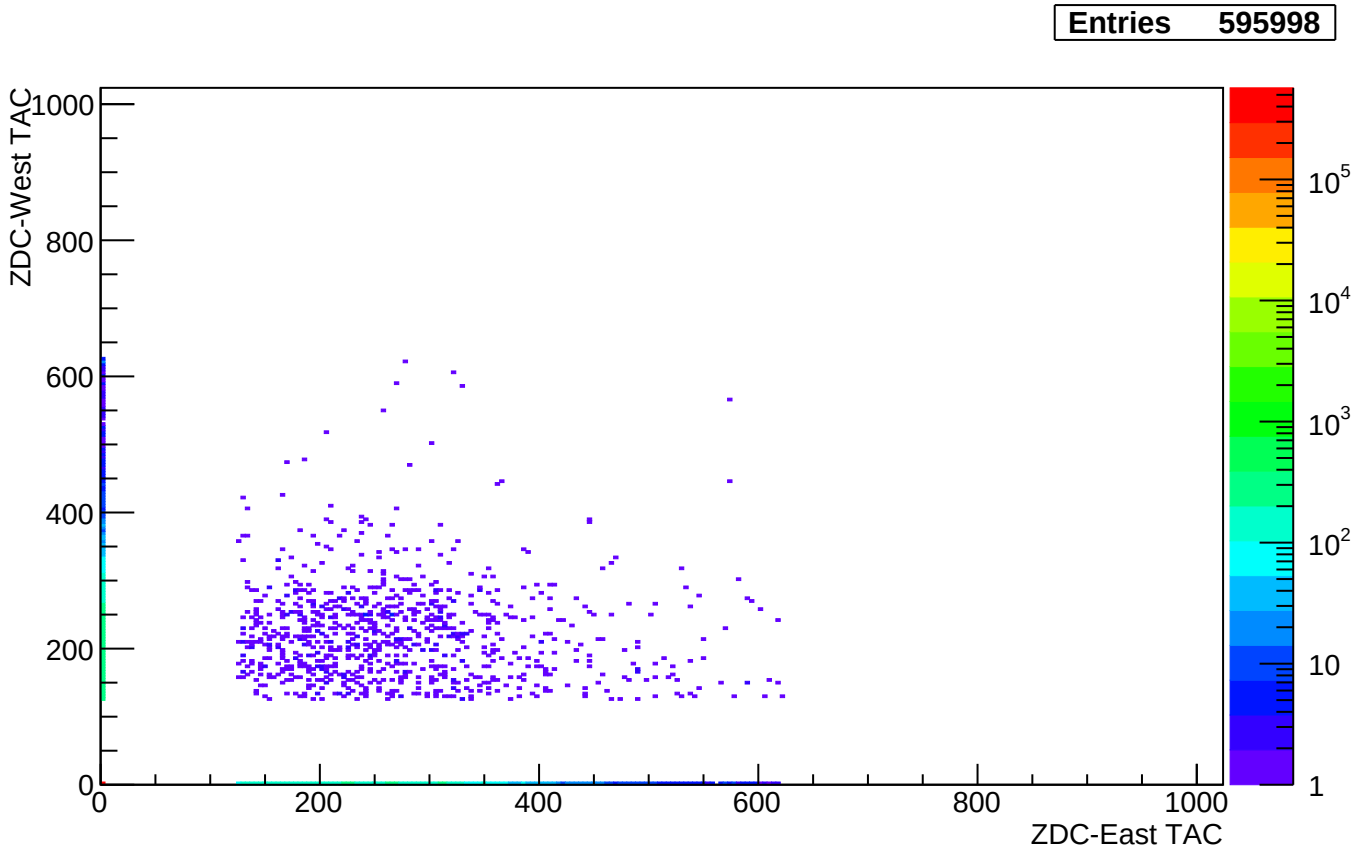

Entries 595998
TOF_Mult
VPD-East ADC Sum

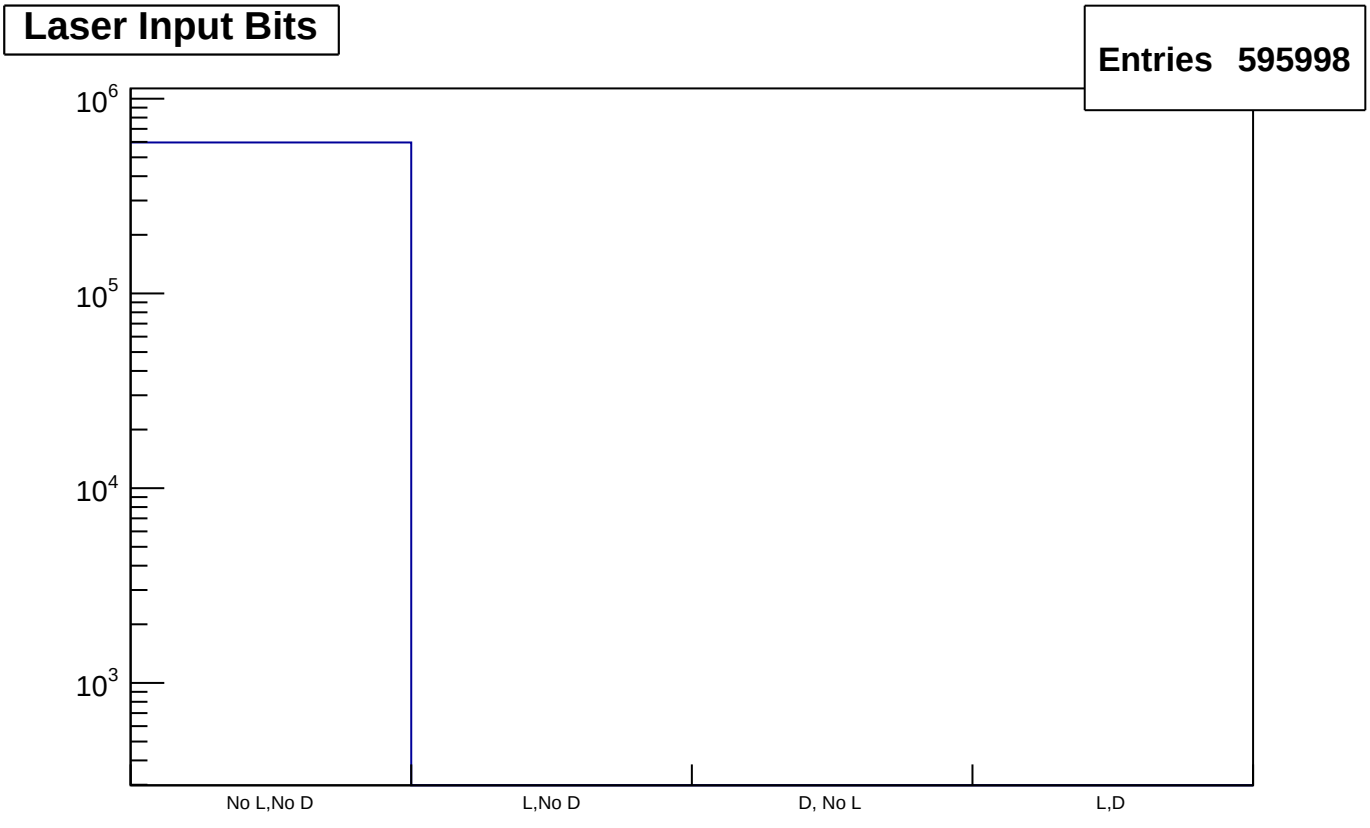

Entries 595998
TOF_Mult
VPD-West ADC Sum

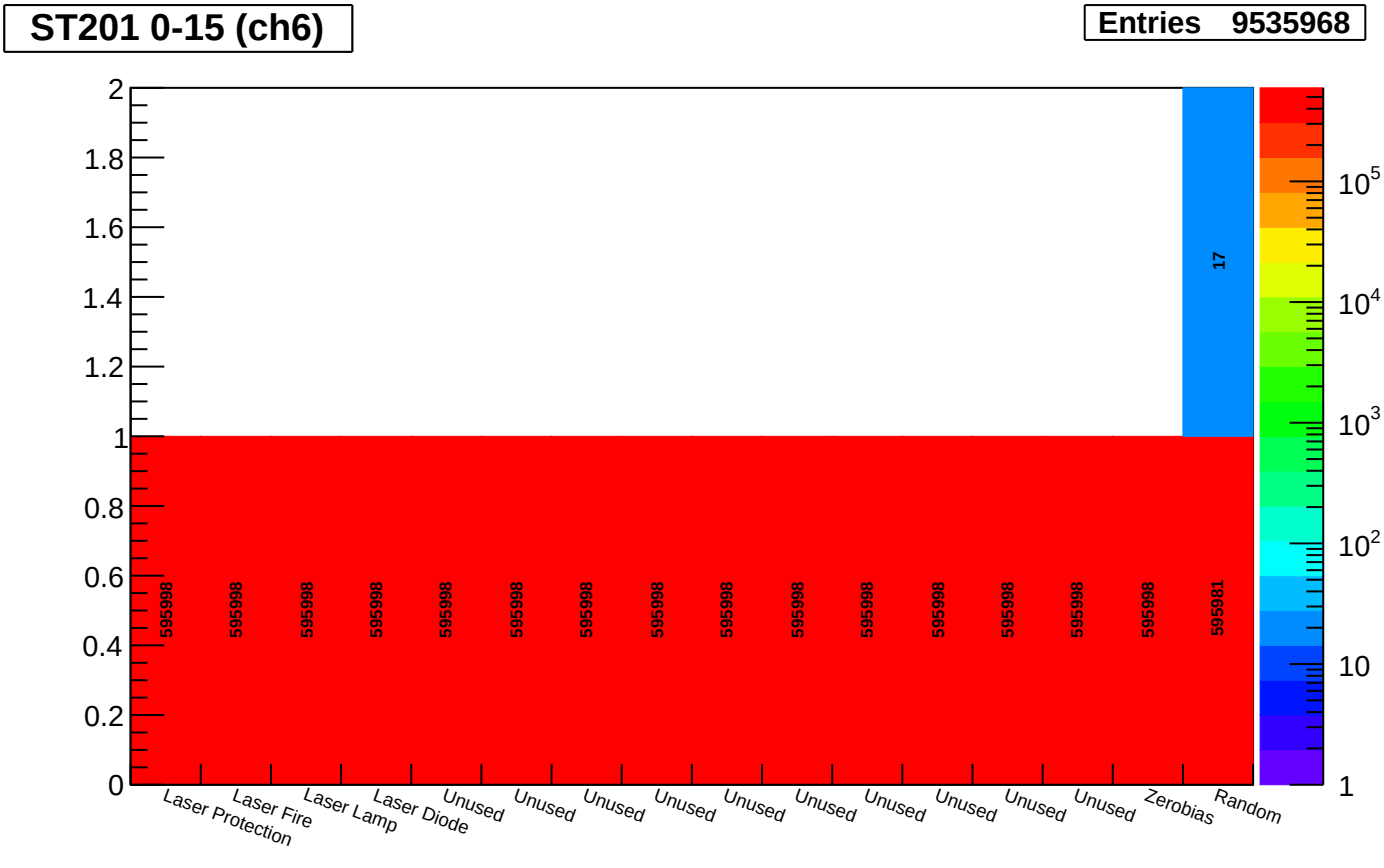

Entries 595998
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

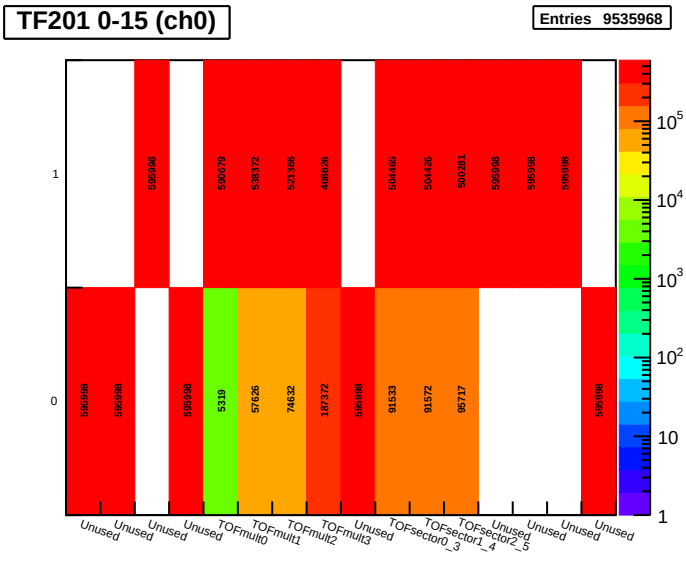

Entries 595998
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

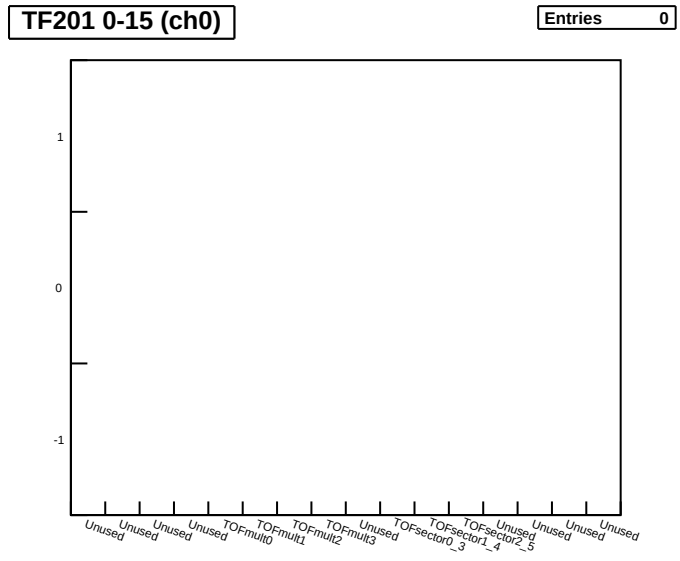

Entries 595998
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

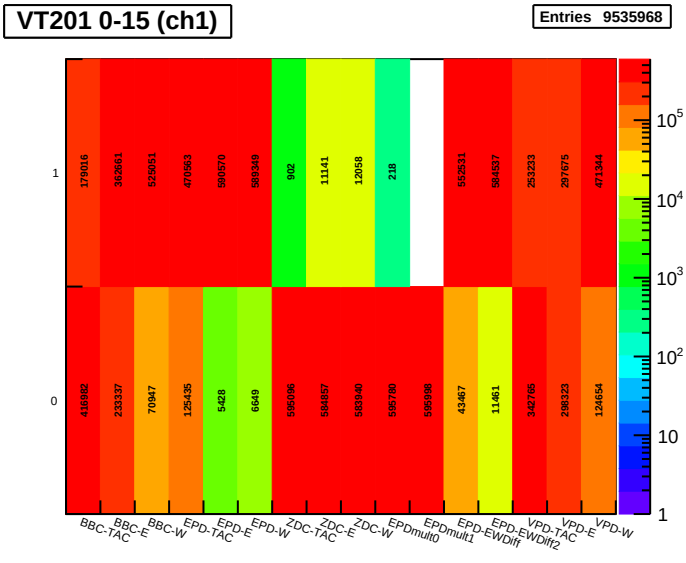

Entries 595998
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

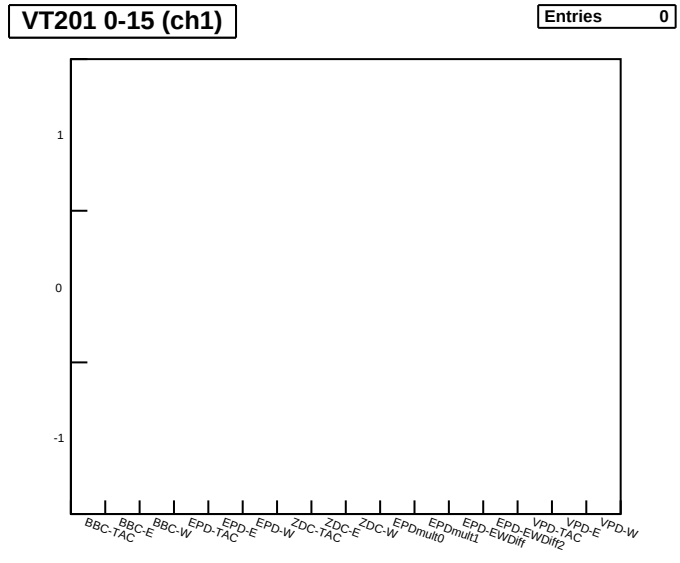

Laser Input Bits
Entries 595998
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

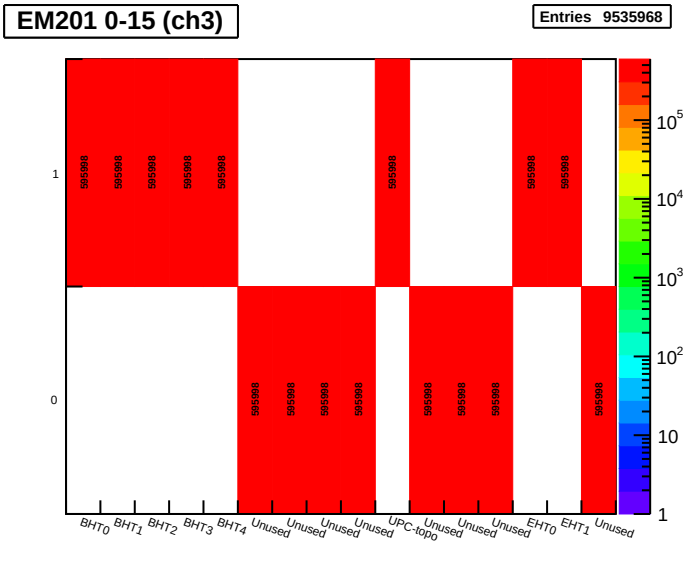

ST201 0-15 (ch6)
Entries 9535968
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
595998
595998
595998
595998
595998
595998
595998
595998
595998
595998
595998
595998
595998
595998
595998
595981
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

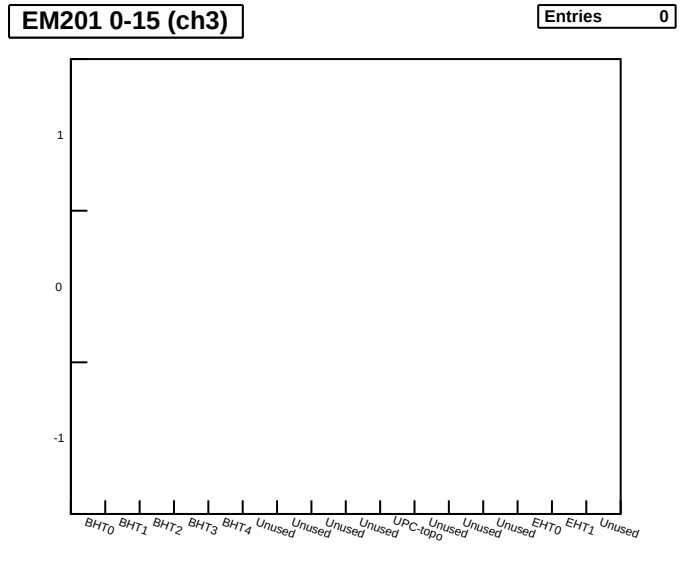

TF201 0-15 (ch0)
Entries 9535968
1
0
595998 595998 595998 5319 57626 74632 187372 595998 91533 91572 95717 595998
595998 500679 538372 521366 408626 504465 504426 500281 595998 595998 595998
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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


VT201 0-15 (ch1)
Entries 9535968
1
0
179016 362661 526051 470563 590570 589349 902 11141 12058 218 592531 584537 253233 297675 471344
416982 233337 70947 125435 5428 6649 586096 584957 583940 586780 595998 43467 11461 342765 298323 124654
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
1 10 10^2 10^3 10^4 10^5


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 9535968
1
0
595998 595998 595998 595998 595998 595998 595998 595998 595998 595998 595998
595998 595998 595998 595998 595998 595998 595998 595998
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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