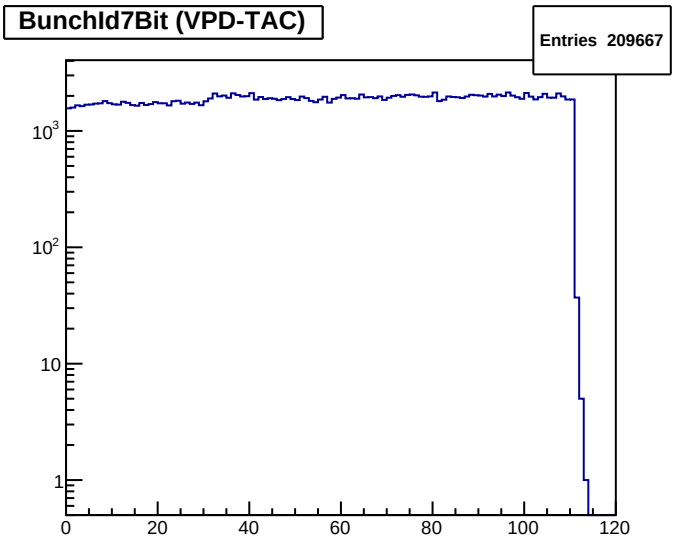
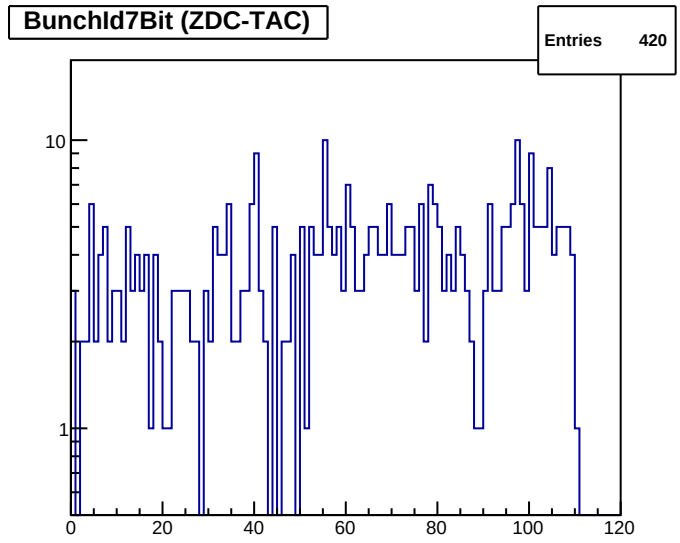
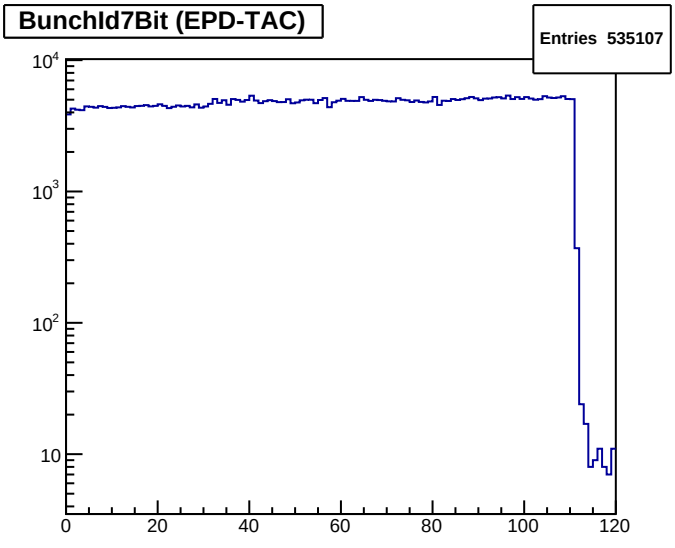
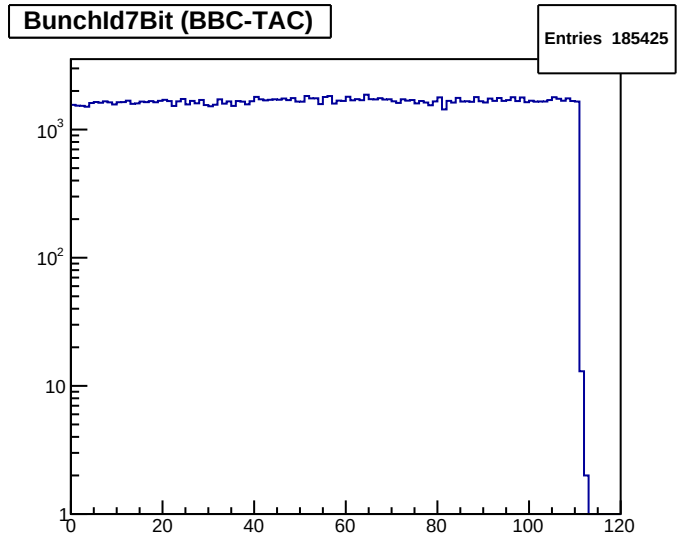
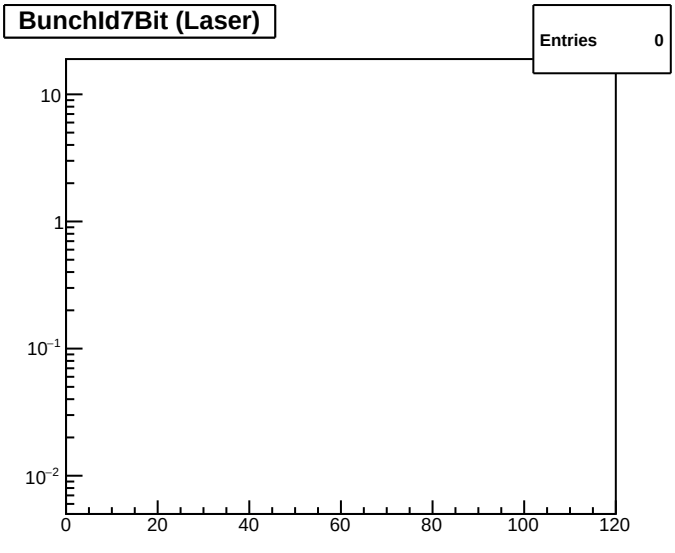
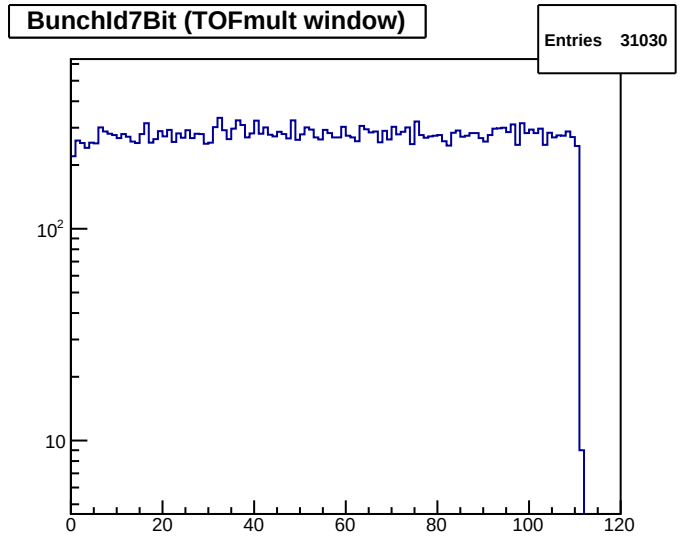

BunchId7Bit (VPD-TAC)
Entries 209667

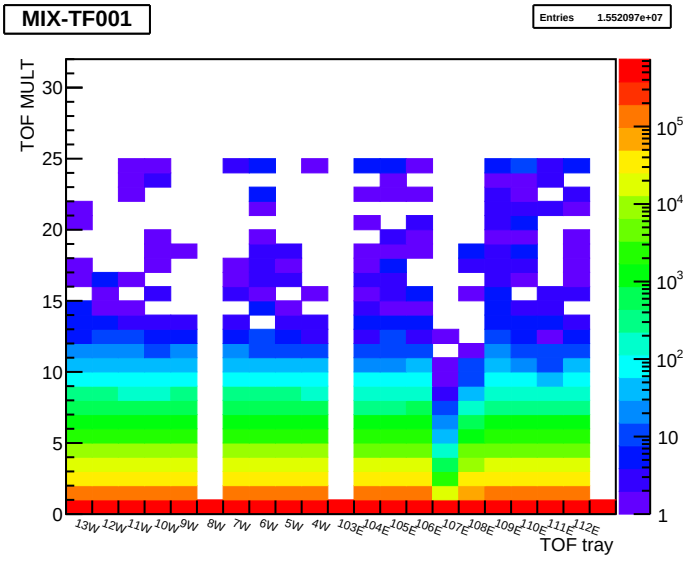

BunchId7Bit (ZDC-TAC)
Entries 420

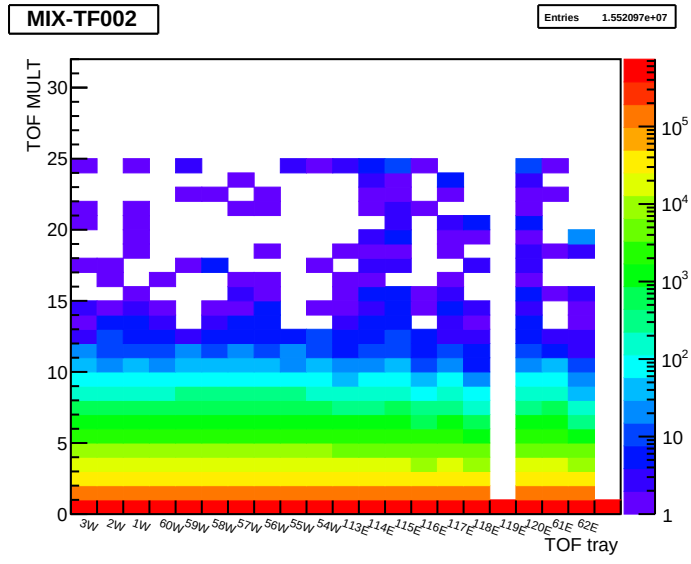

BunchId7Bit (EPD-TAC)
Entries 535107

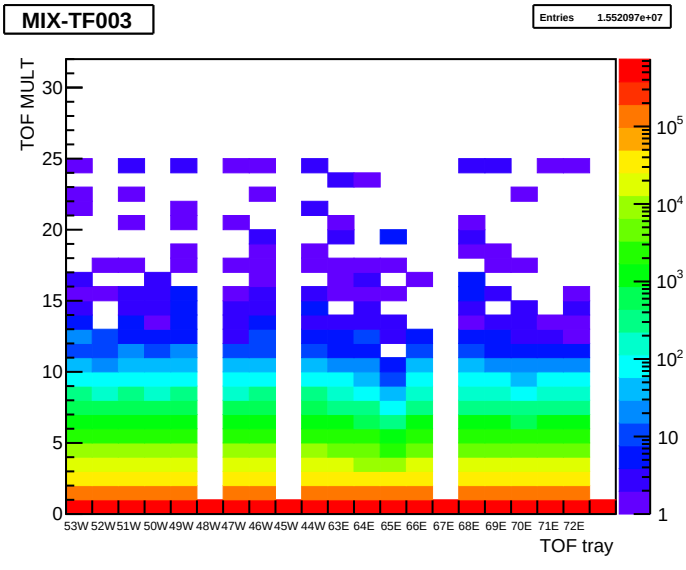

BunchId7Bit (BBC-TAC)
Entries 185425

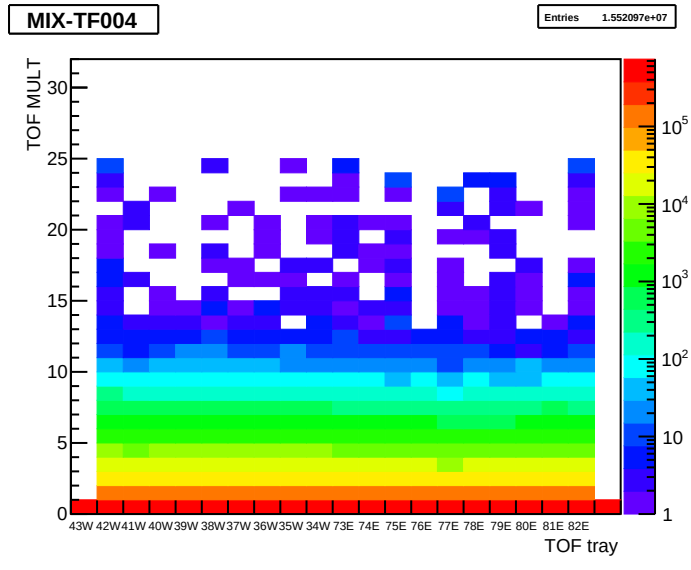

BunchId7Bit (Laser)
Entries 0

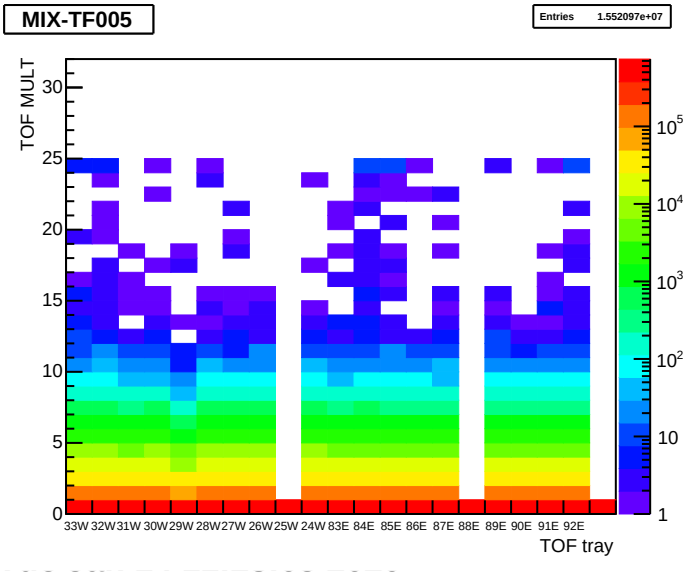

BunchId7Bit (TOFmult window)
Entries 31030

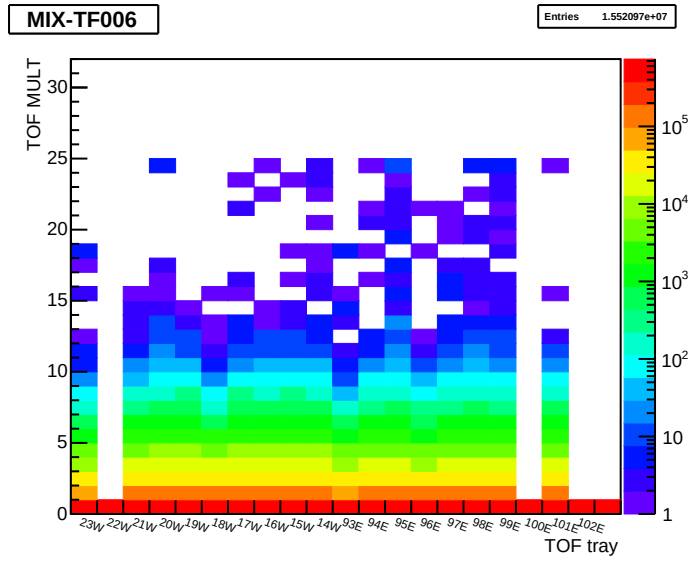

MIX-TF001
Entries 1.552097e+07
TOF MULT
TOF tray

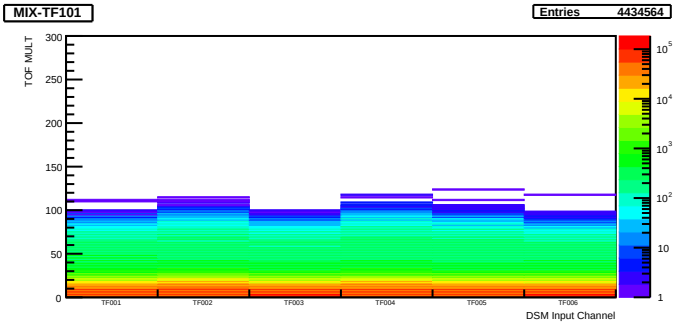

MIX-TF002
Entries 1.552097e+07
TOF MULT
TOF tray

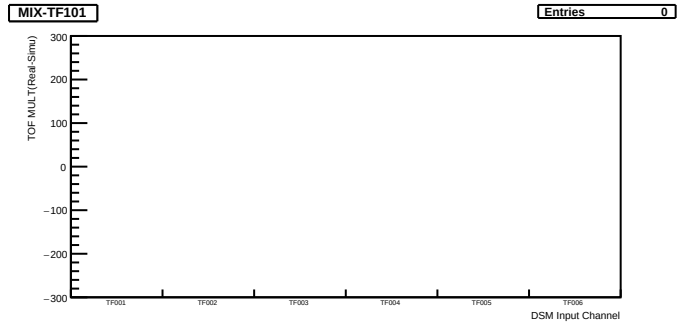

MIX-TF003
Entries 1.552097e+07
TOF MULT
TOF tray

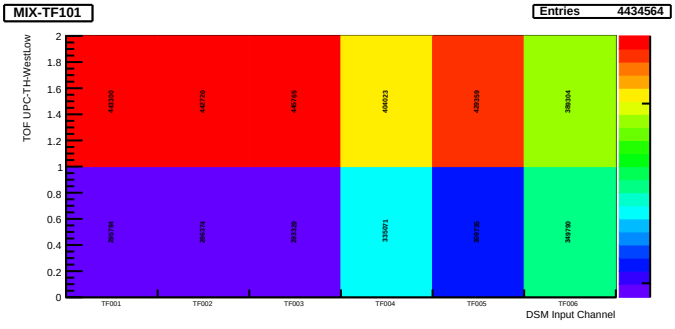

MIX-TF004
Entries 1.552097e+07
TOF MULT
TOF tray

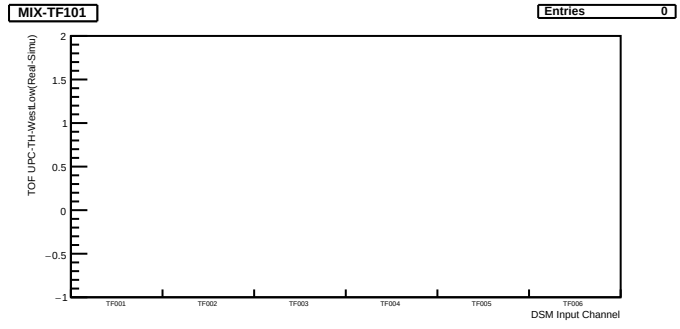

MIX-TF005
Entries 1.552097e+07
TOF MULT
TOF tray

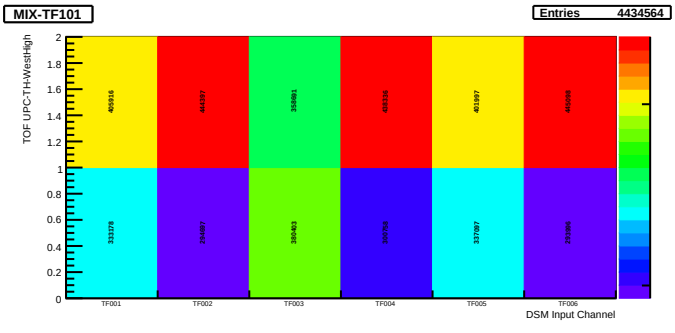

MIX-TF006
Entries 1.552097e+07
TOF MULT
TOF tray

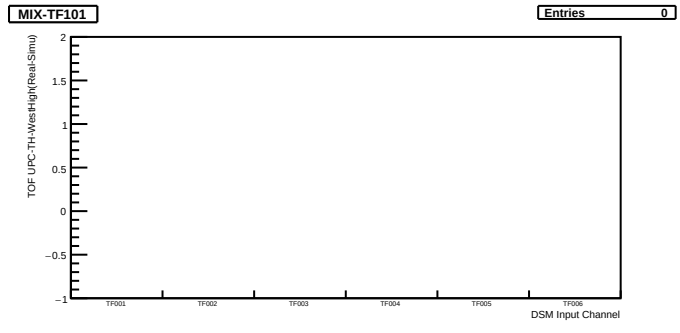

MIX-TF101
Entries 4434564
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

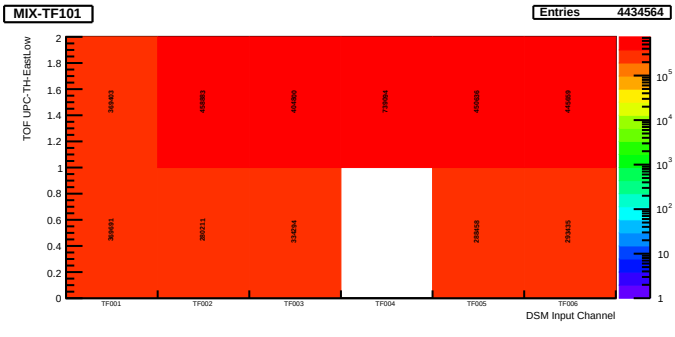

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

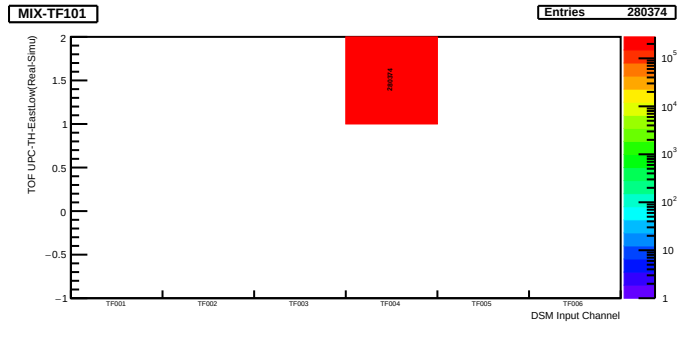

MIX-TF101
Entries 4434564
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

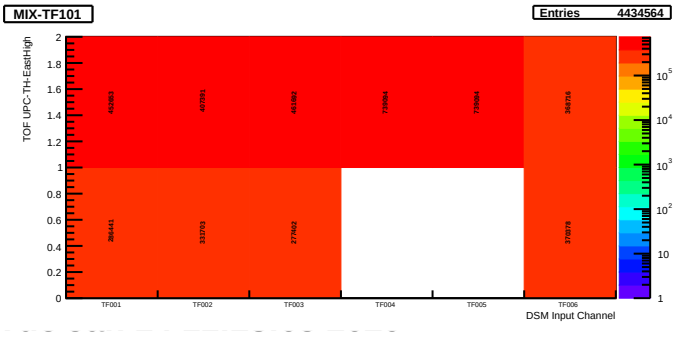

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

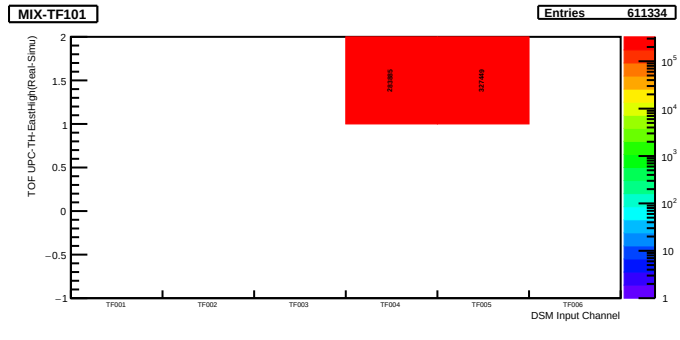

MIX-TF101
Entries 4434564
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

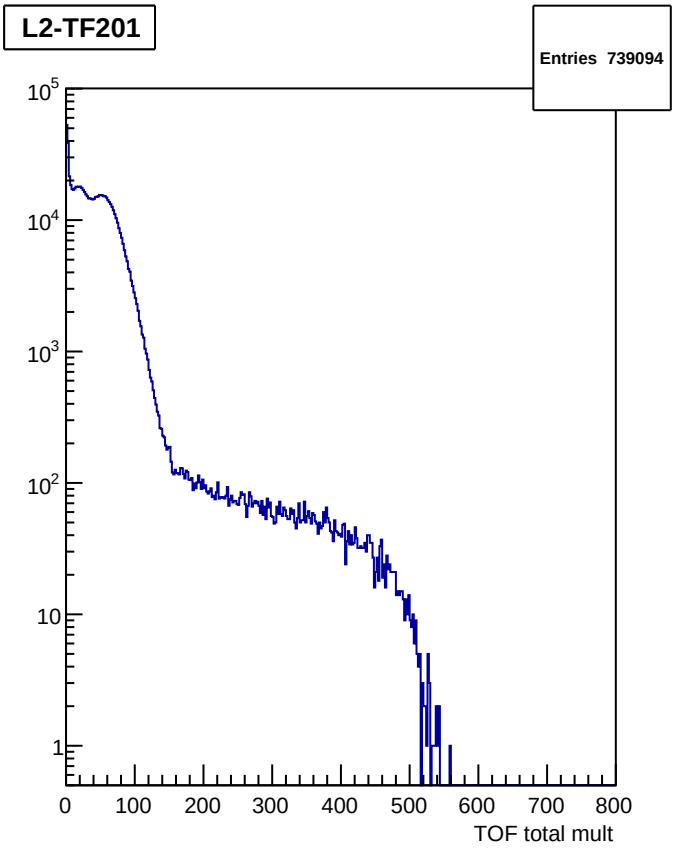

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

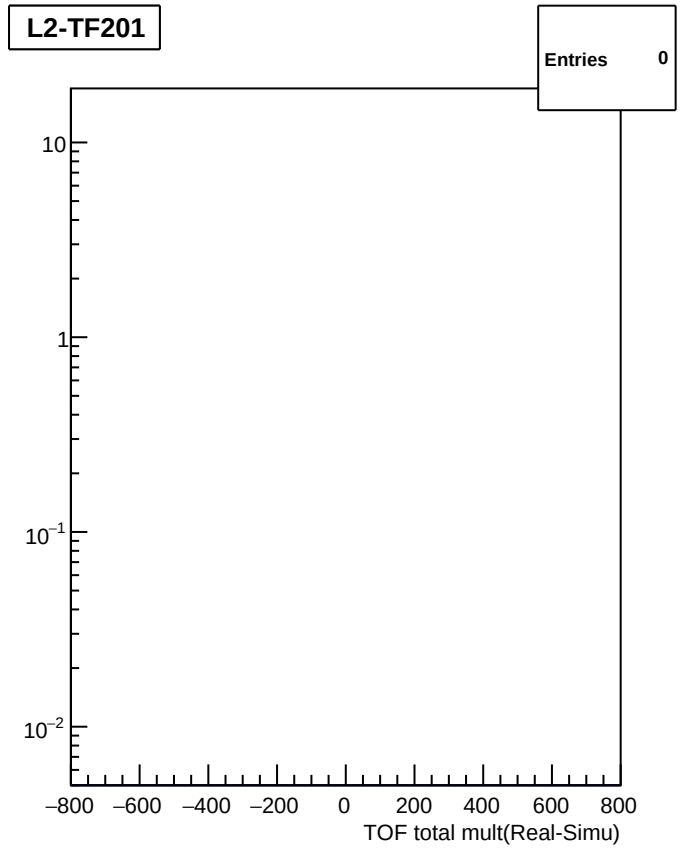

MIX-TF101
Entries 4434564
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

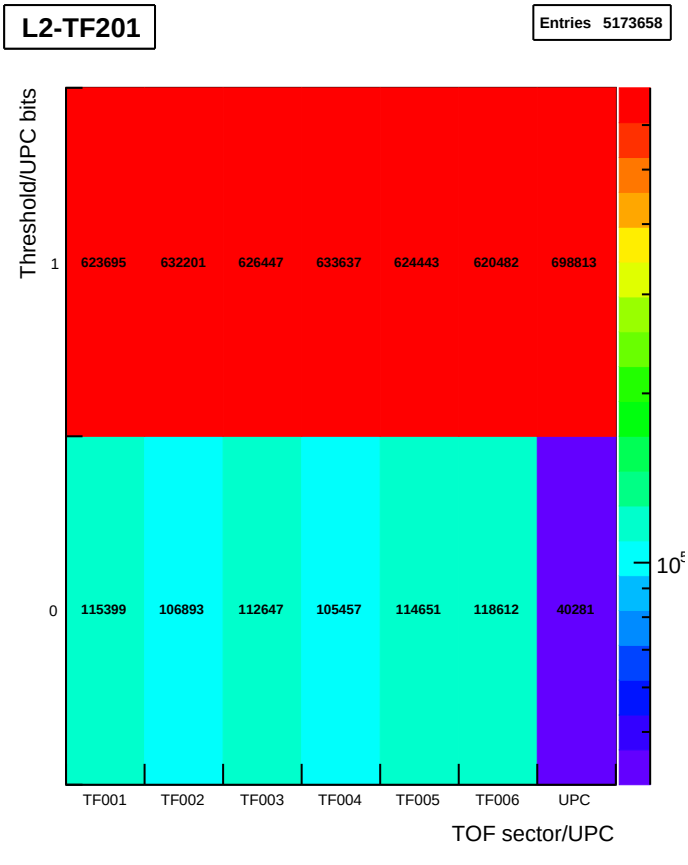

MIX-TF101
Entries 280374
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

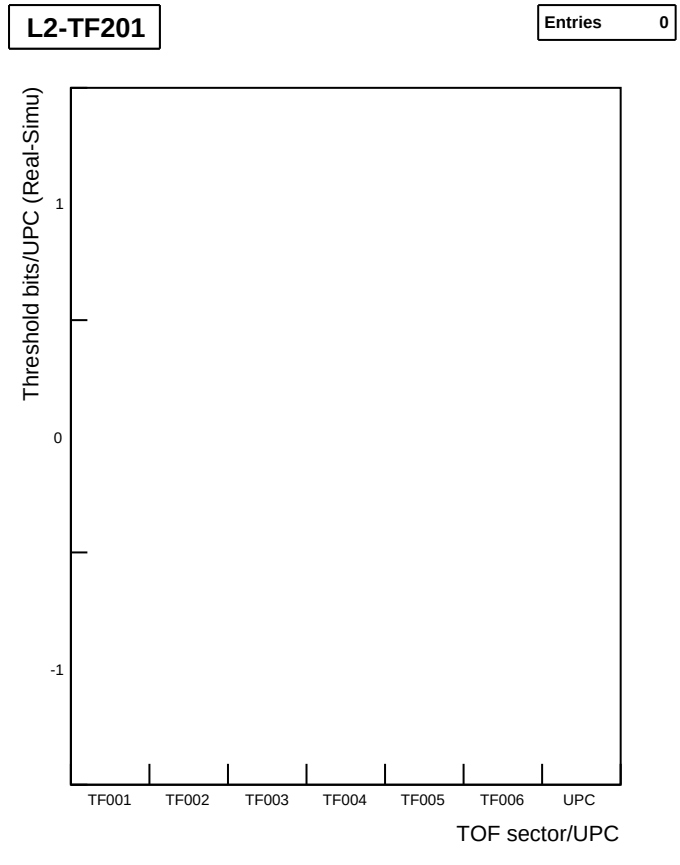

MIX-TF101
Entries 4434564
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

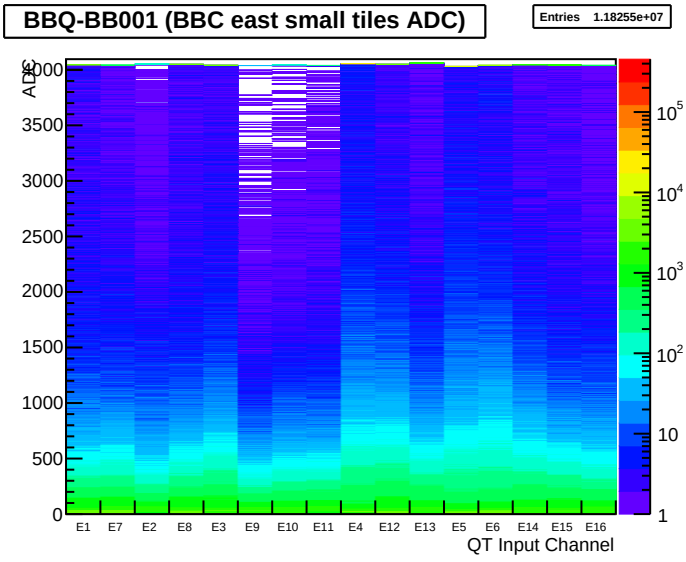

MIX-TF101
Entries 611334
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

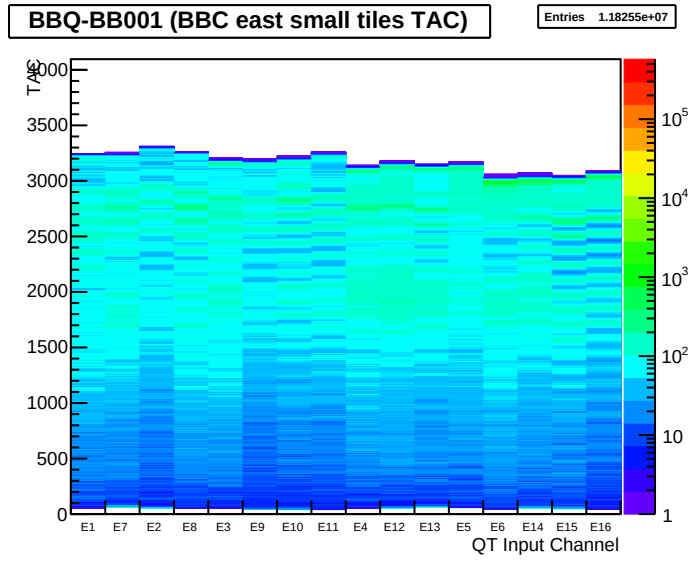

L2-TF201
Entries 739094
TOF total mult

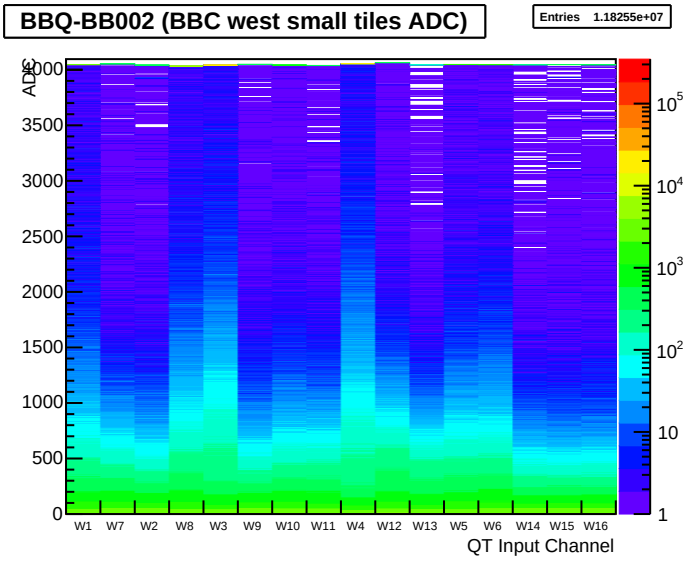

L2-TF201
Entries 0
TOF total mult(Real-Simu)

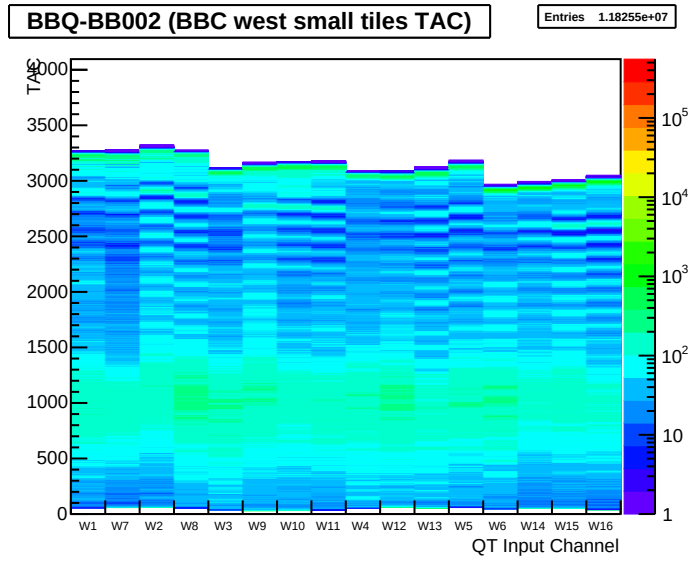

L2-TF201
Entries 5173658
Threshold/UPC bits
623695
632201
626447
633637
624443
620482
698813
115399
106893
112647
105457
114651
118612
40281
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

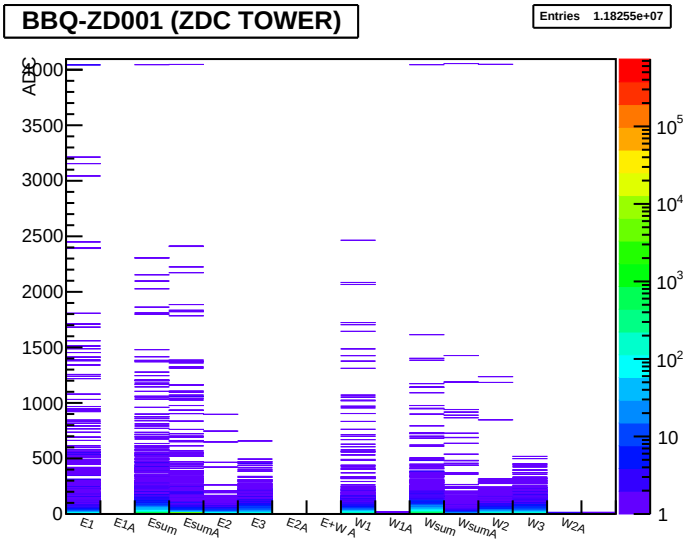

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

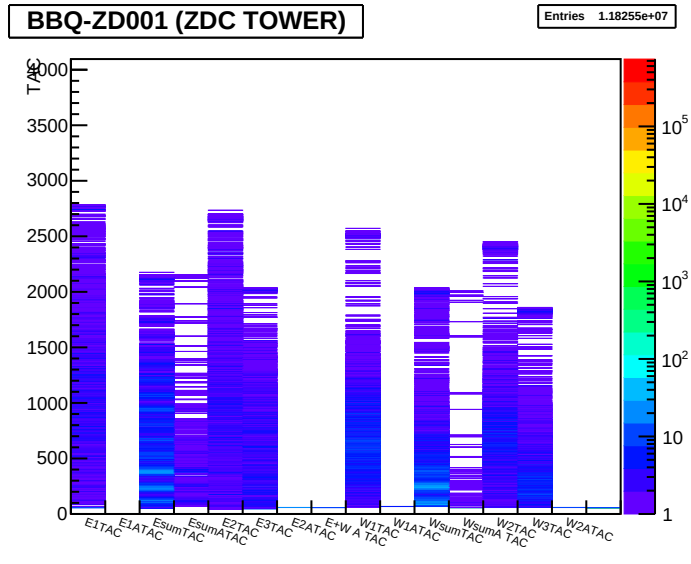

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.18255e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

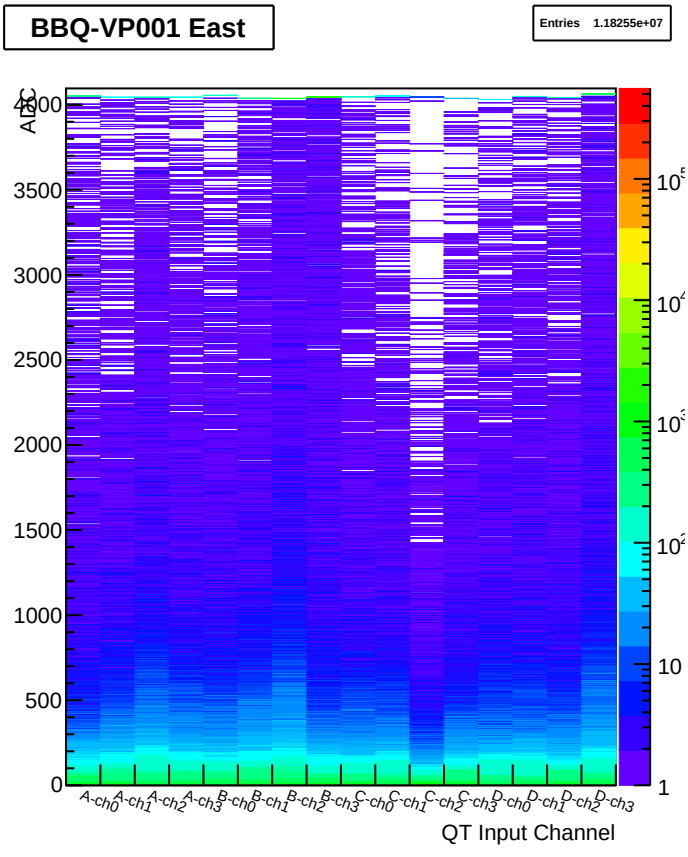

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.18255e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

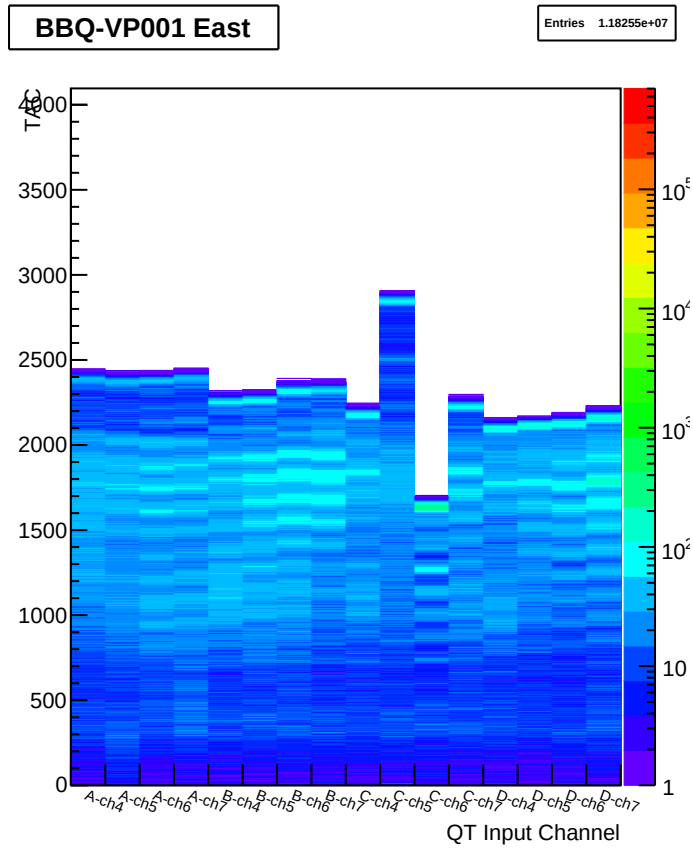

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.18255e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

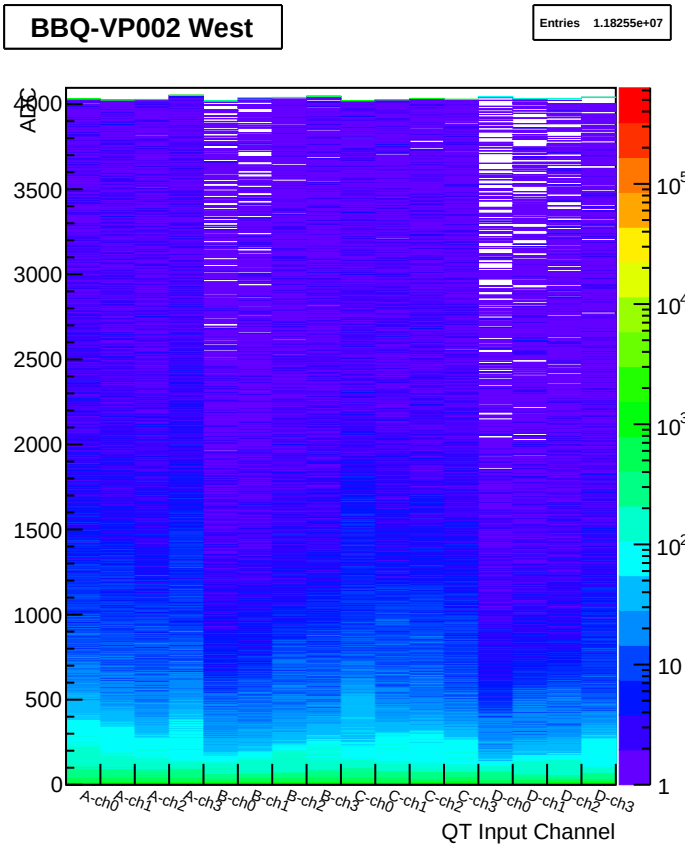

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.18255e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

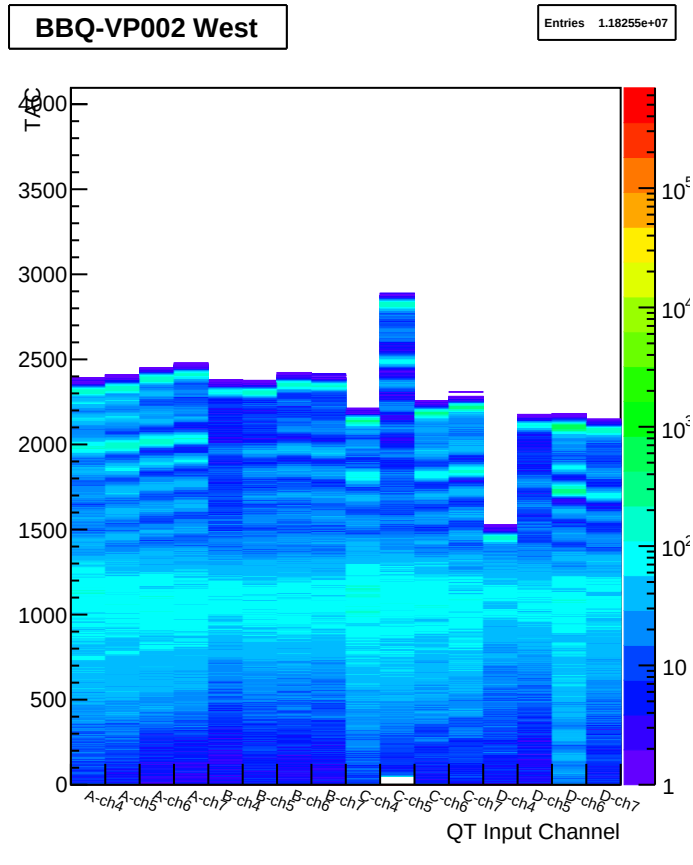

BBQ-ZD001 (ZDC TOWER)
Entries 1.18255e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

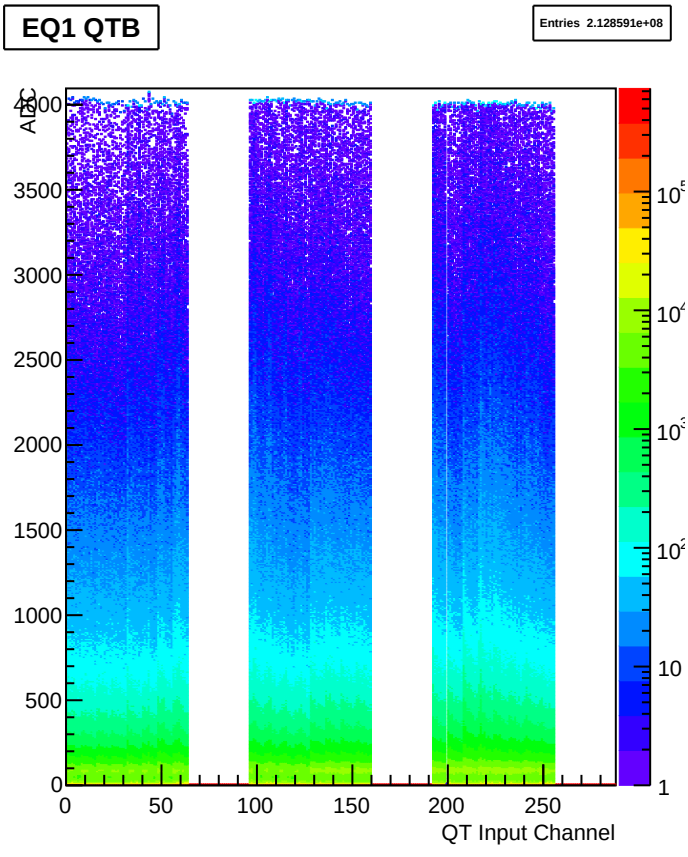

BBQ-ZD001 (ZDC TOWER)
Entries 1.18255e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

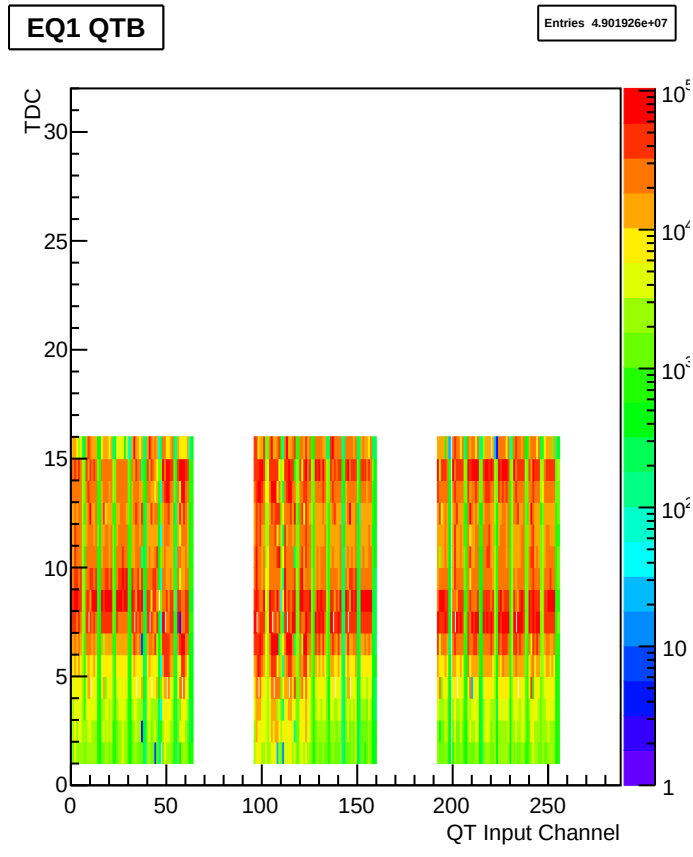

BBQ-VP001 East
Entries 1.18255e+07
ADC
QT Input Channel

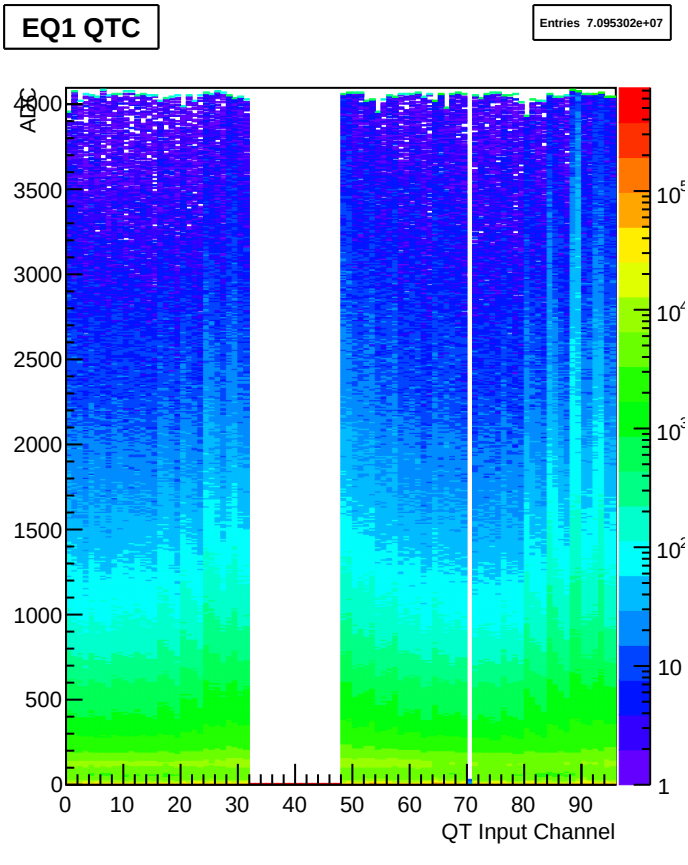

BBQ-VP001 East
Entries 1.18255e+07
TADC
QT Input Channel

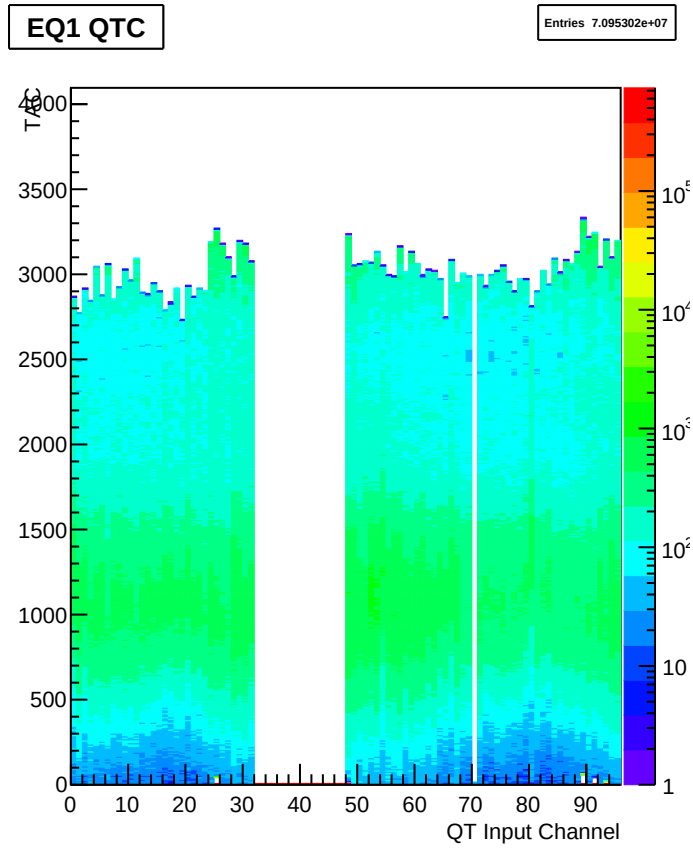

BBQ-VP002 West
Entries 1.18255e+07
ADC
QT Input Channel

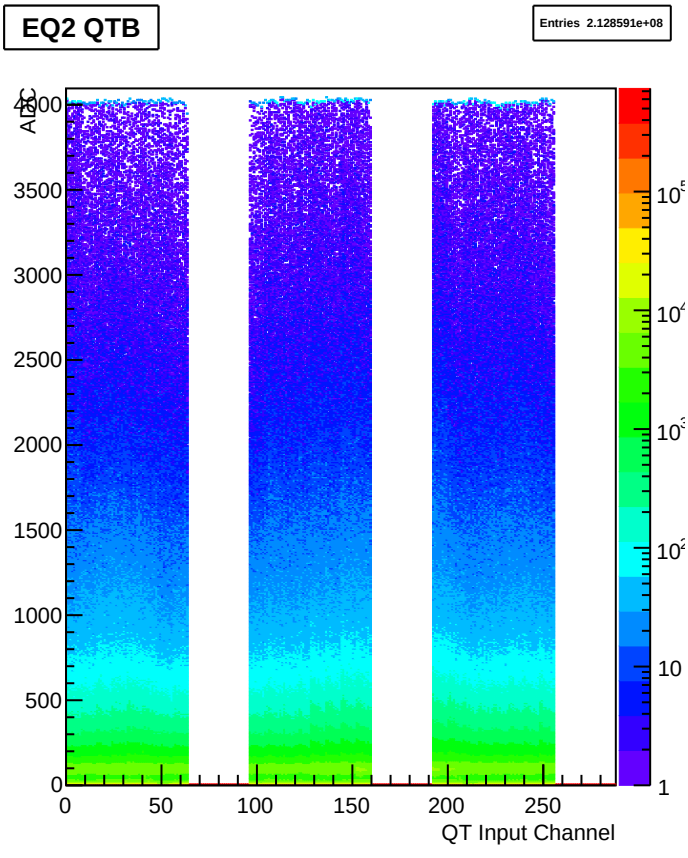

BBQ-VP002 West
Entries 1.18255e+07
TADC
QT Input Channel

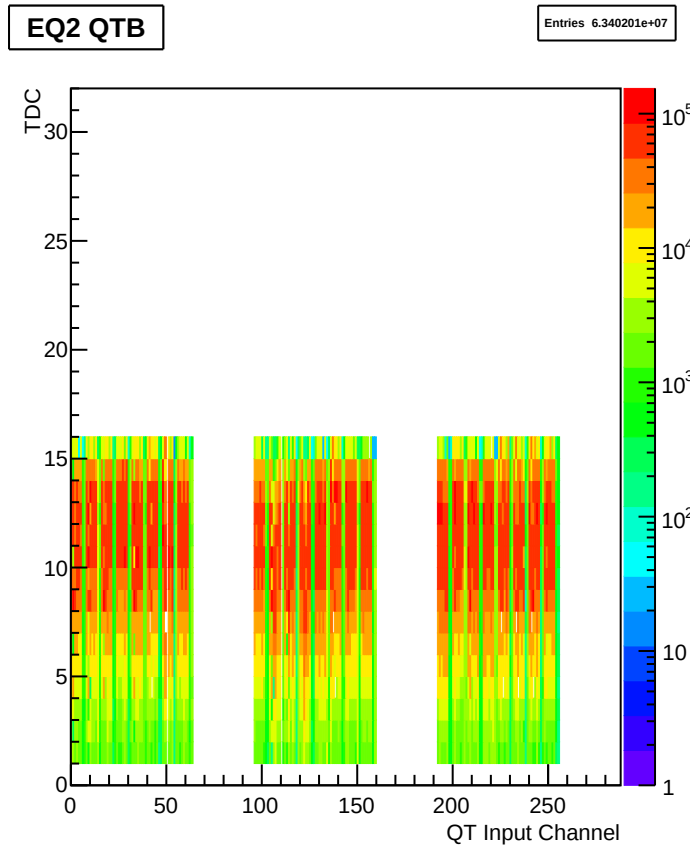

EQ1 QTB
Entries 2.128591e+08
ADC
QT Input Channel

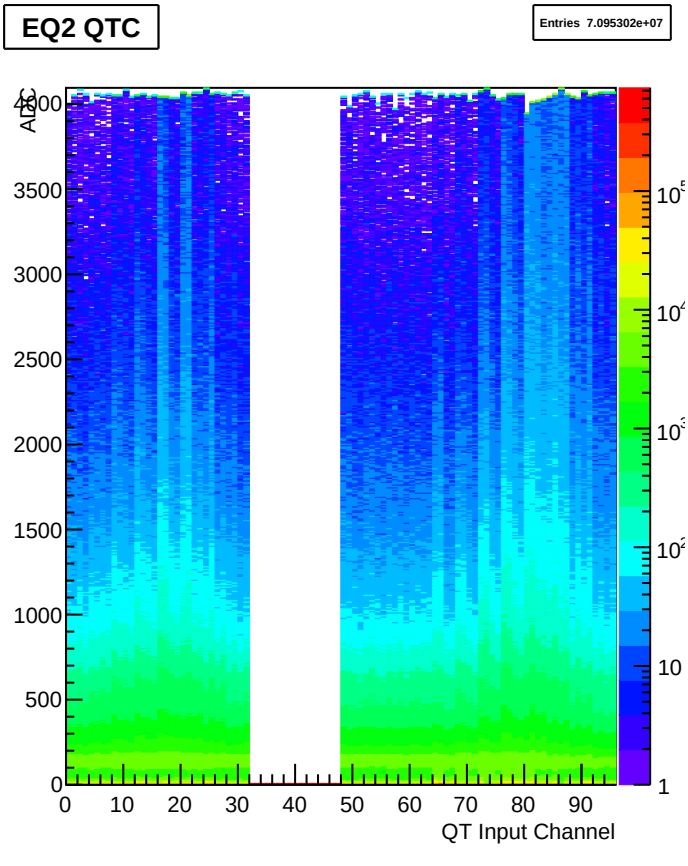

EQ1 QTB
Entries 4.901926e+07
TDC
QT Input Channel

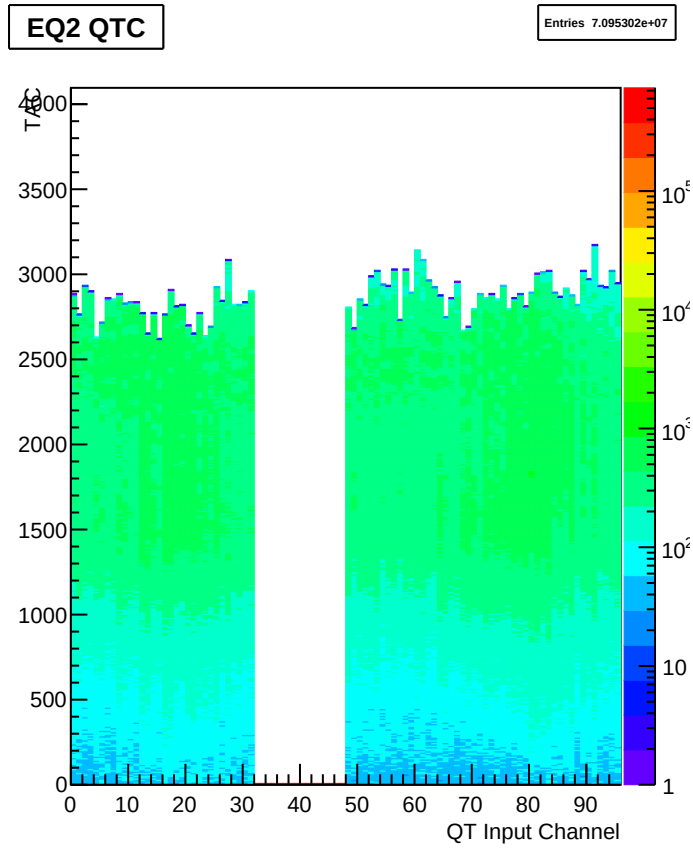

EQ1 QTC
Entries 7.095302e+07
ADC
QT Input Channel

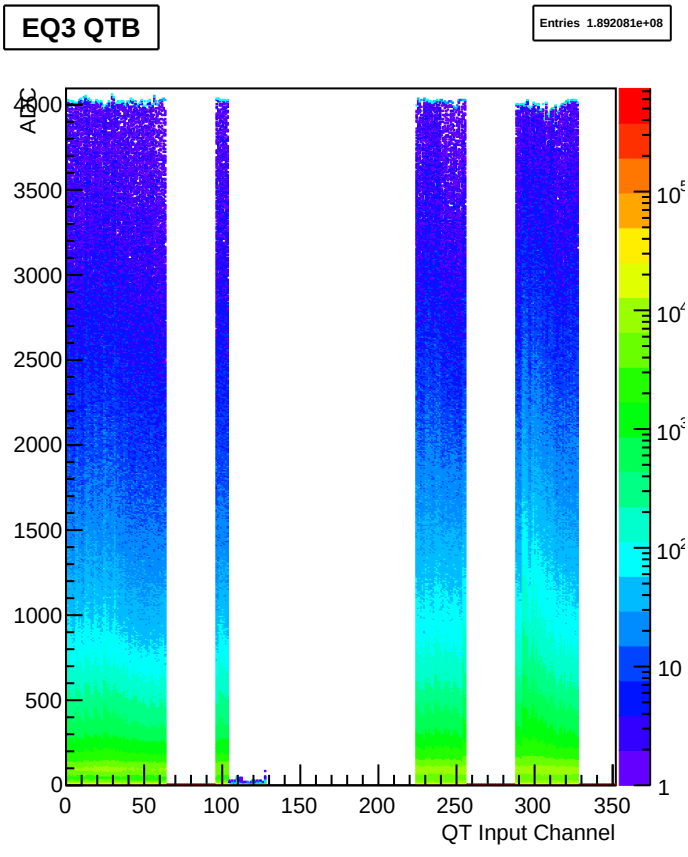

EQ1 QTC
Entries 7.095302e+07
TADC
QT Input Channel

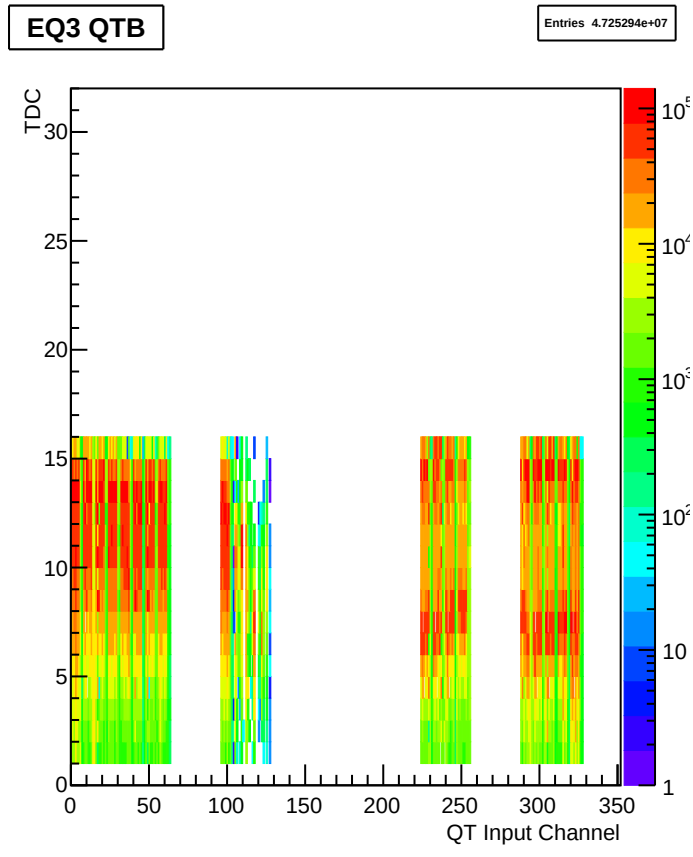

EQ2 QTB
Entries 2.128591e+08
ADC
QT Input Channel

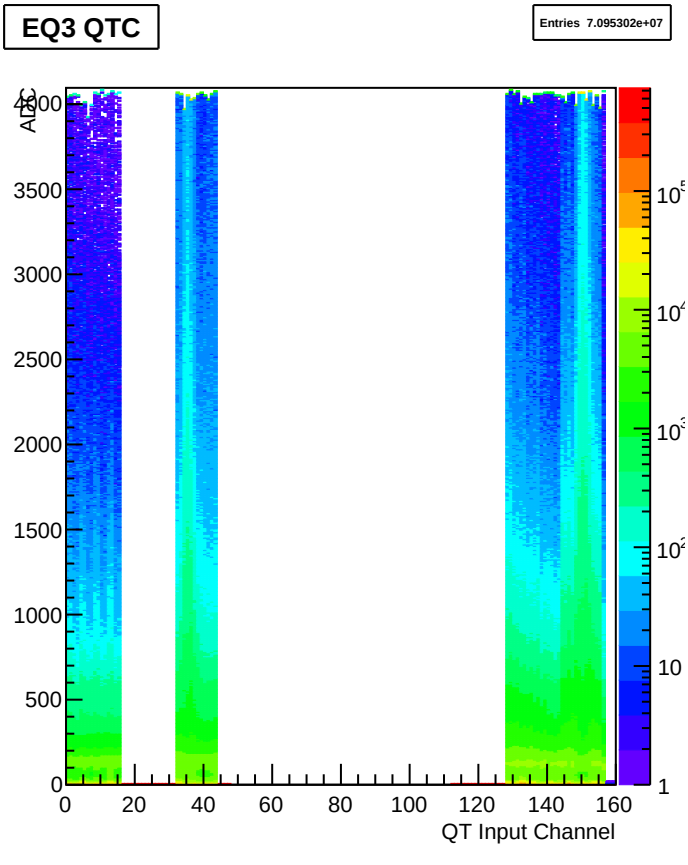

EQ2 QTB
Entries 6.340201e+07
TDC
QT Input Channel

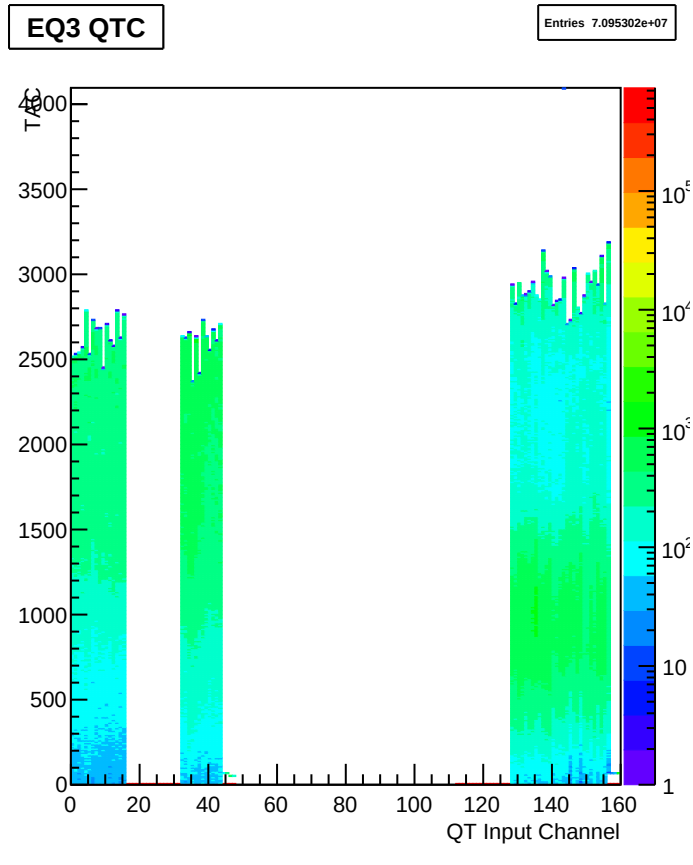

EQ2 QTC
Entries 7.095302e+07
ADC
QT Input Channel

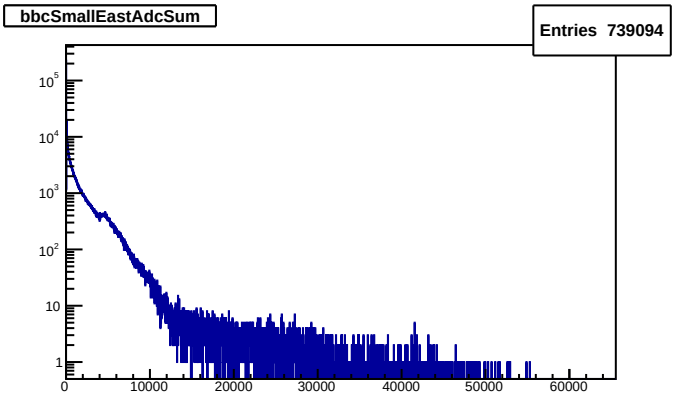

EQ2 QTC
Entries 7.095302e+07
TADC
QT Input Channel

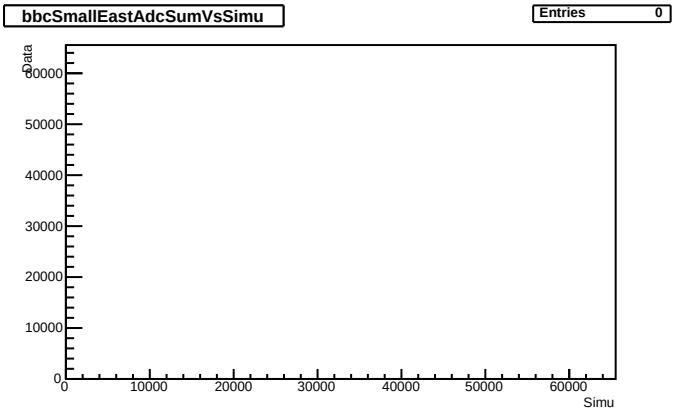

EQ3 QTB
Entries 1.892081e+08
ADC
QT Input Channel

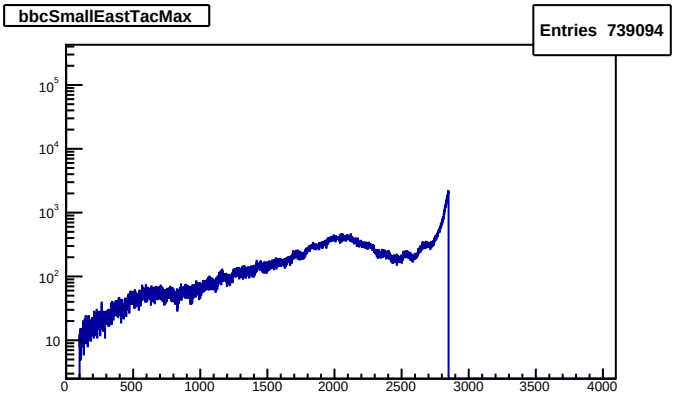

EQ3 QTB
Entries 4.725294e+07
TDC
QT Input Channel

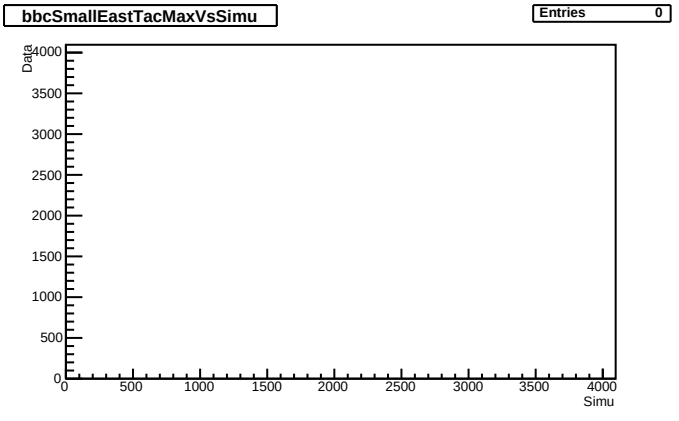

EQ3 QTC
Entries 7.095302e+07
ADC
QT Input Channel


EQ3 QTC
Entries 7.095302e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 739094


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 739094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Entries 0
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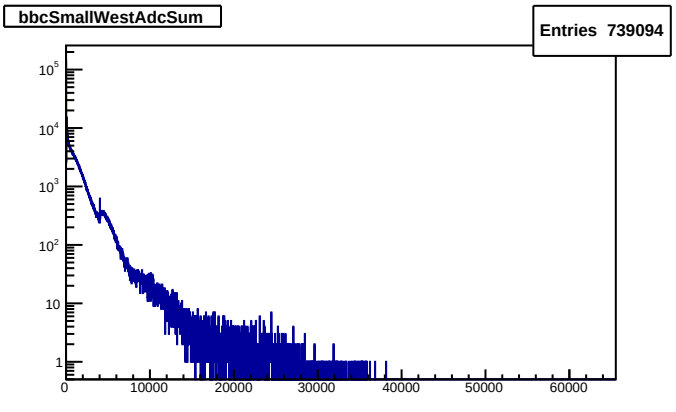
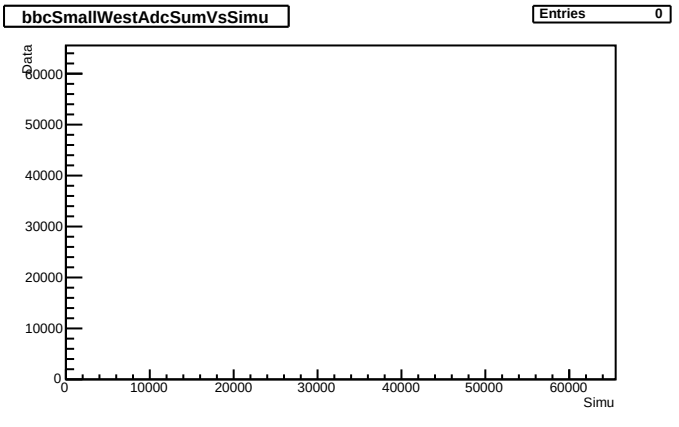
Simu


bbcSmallWestAdcSum
Entries 739094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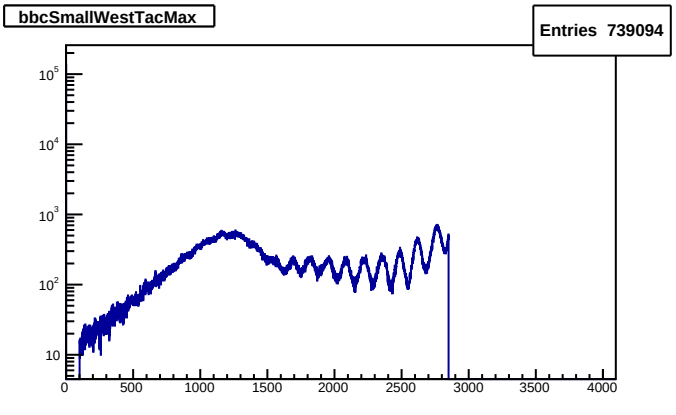
Entries 0
Data
Simu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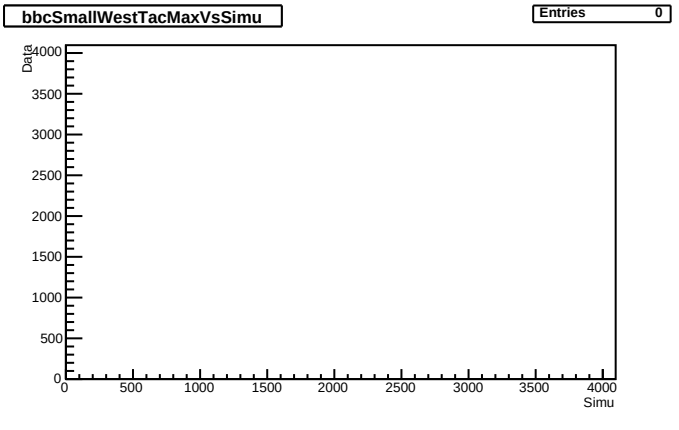
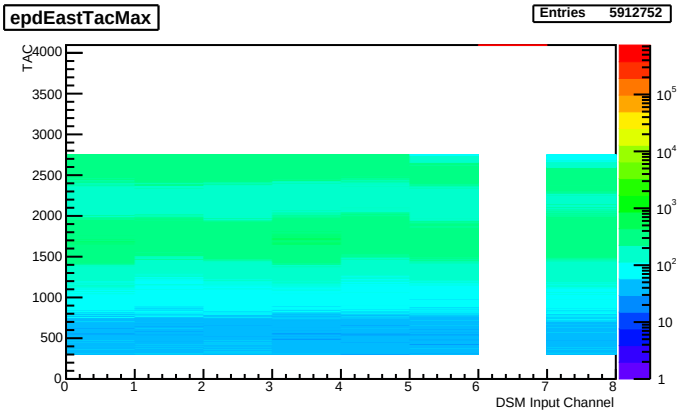
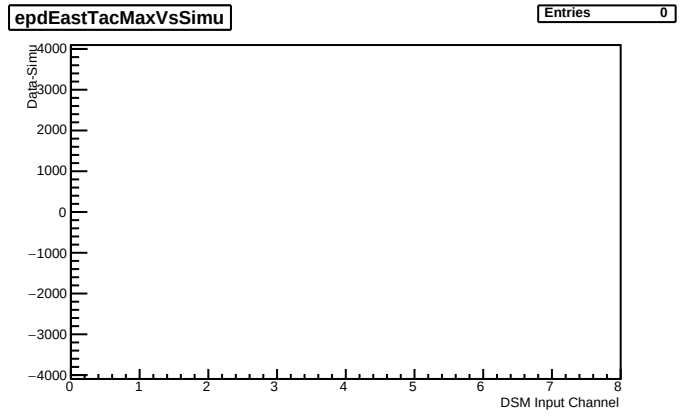
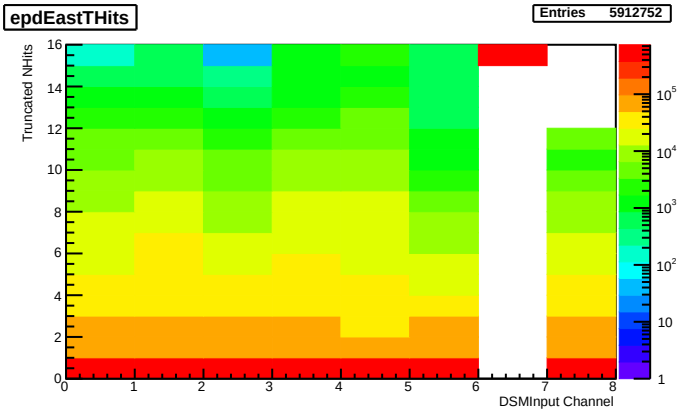
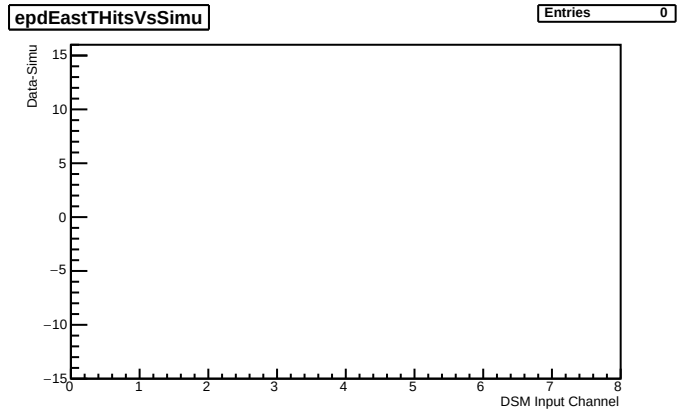
Entries 739094

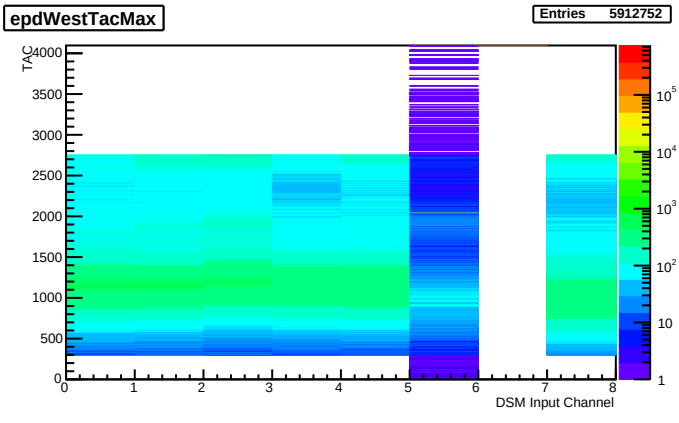

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

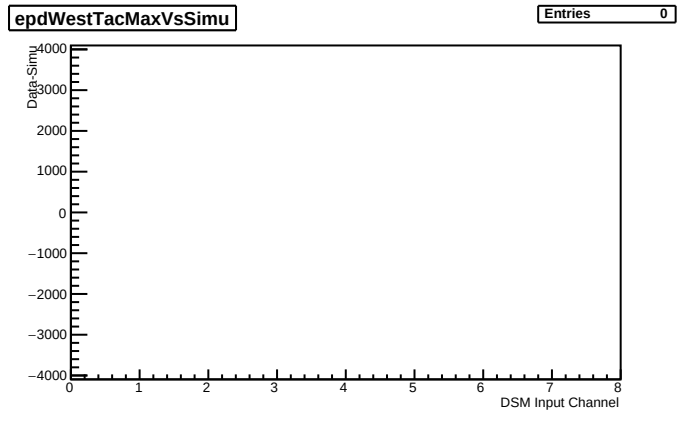

epdEastTacMax
Entries 5912752
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5912752
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 5912752
TAC
DSM Input Channel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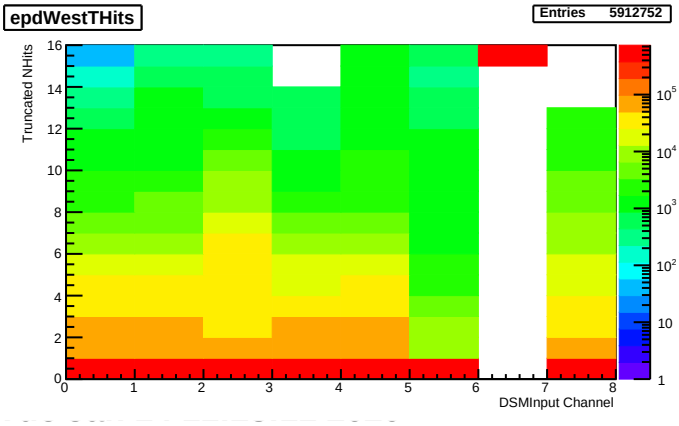
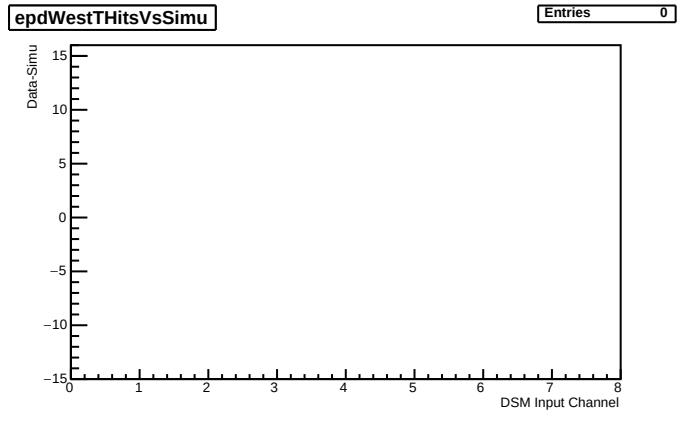
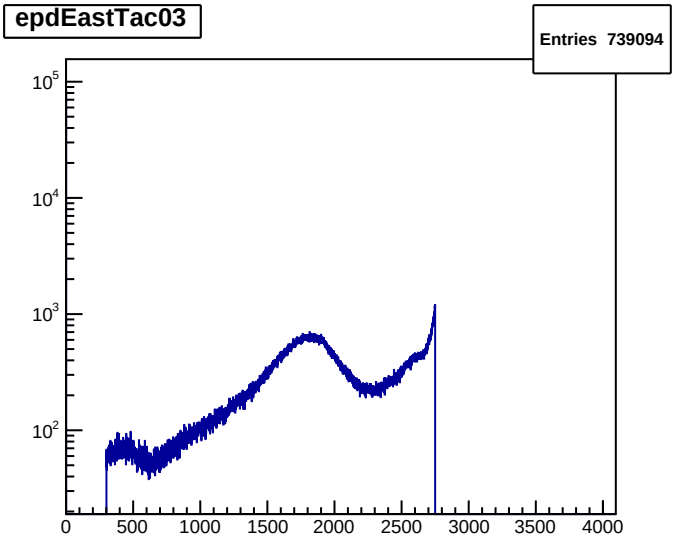
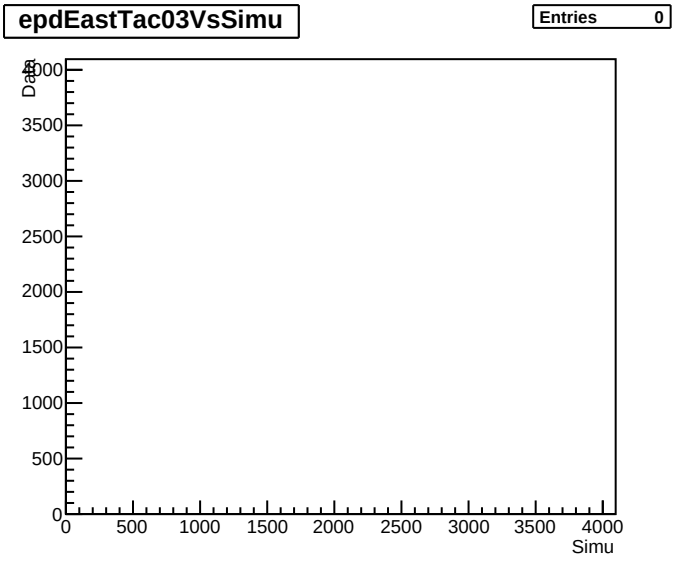
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5912752
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 739094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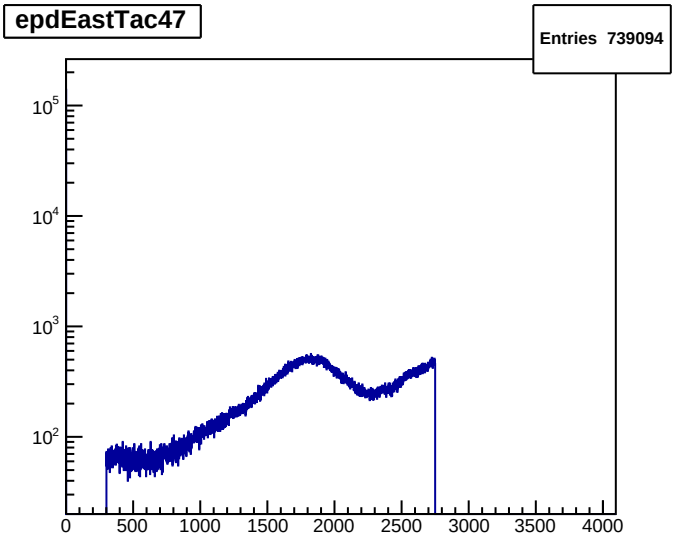
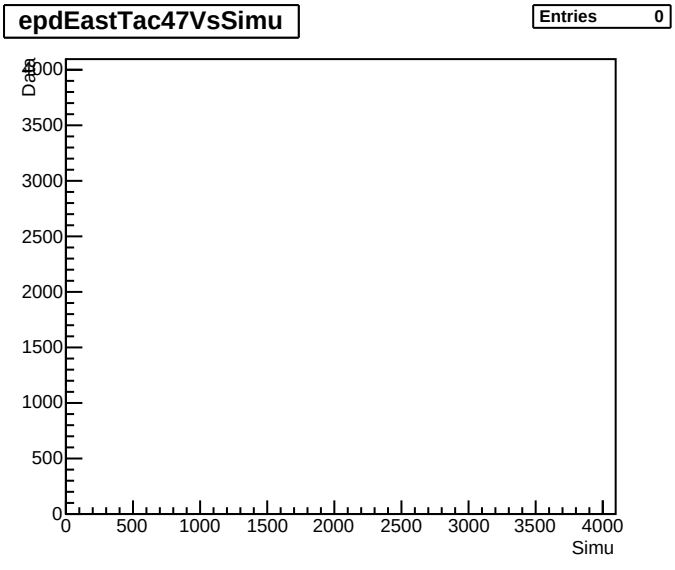
Entries 0
Data
Simu


epdEastTac47
Entries 739094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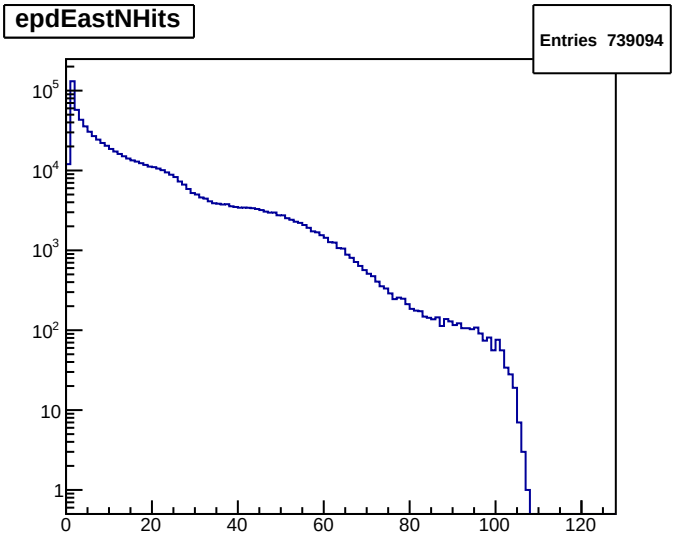
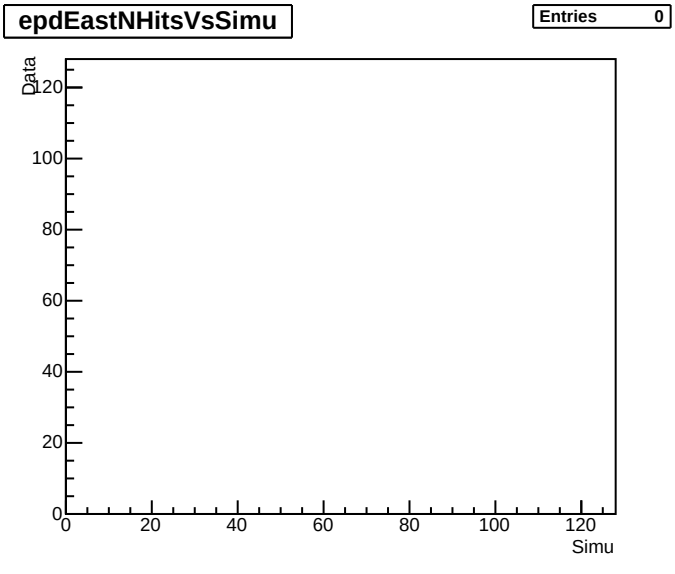
Entries 0
Data
Simu


epdEastNHits
Entries 739094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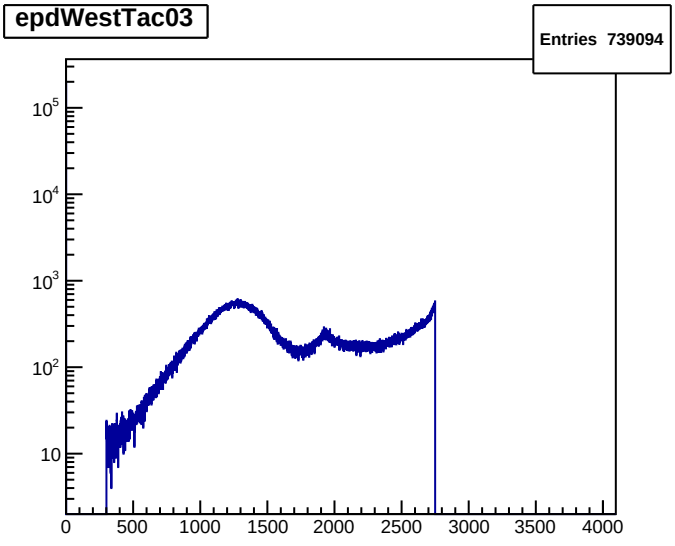
Entries 0
Data
Simu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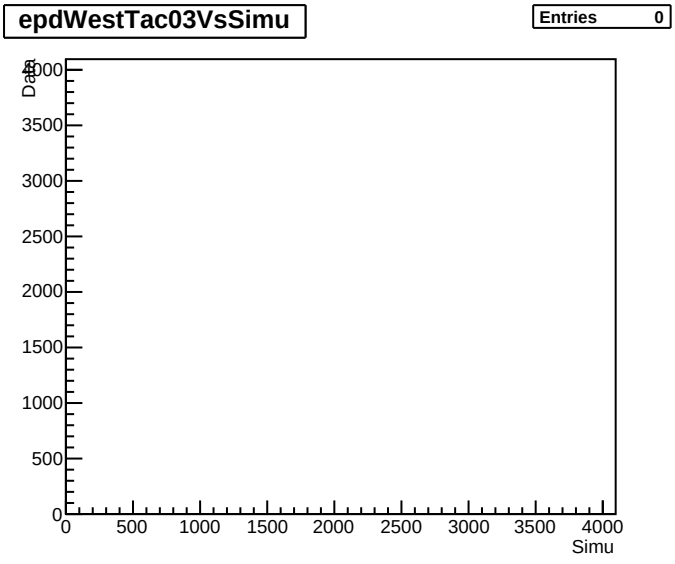
Entries 739094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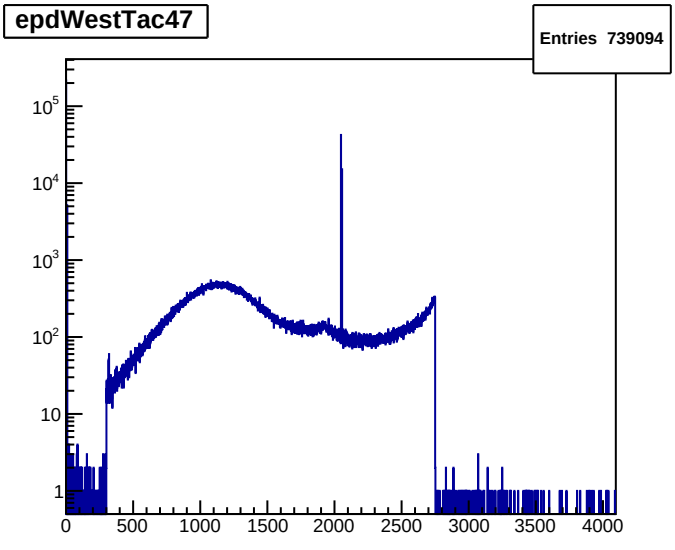
Entries 0
Data
Simu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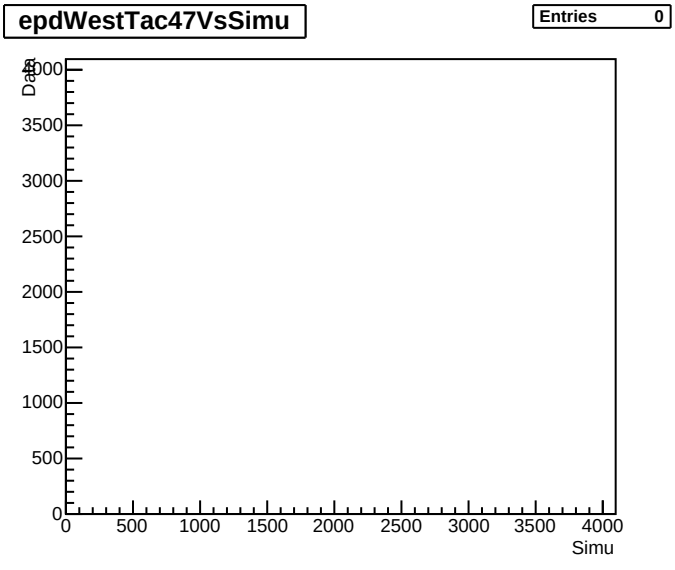
Entries 739094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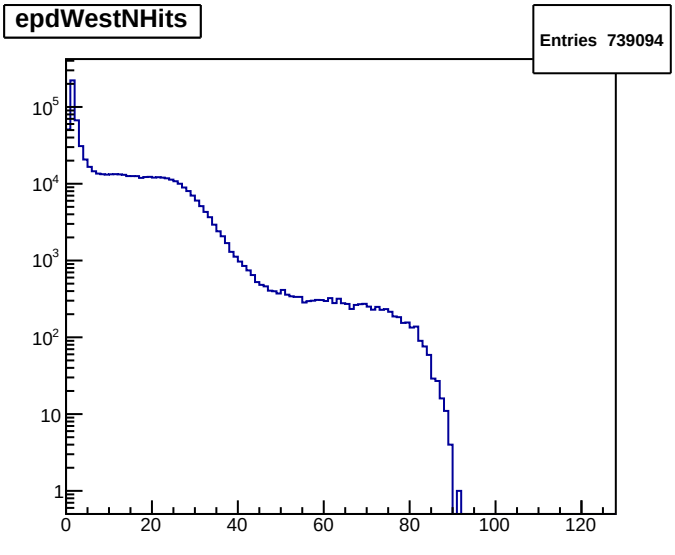
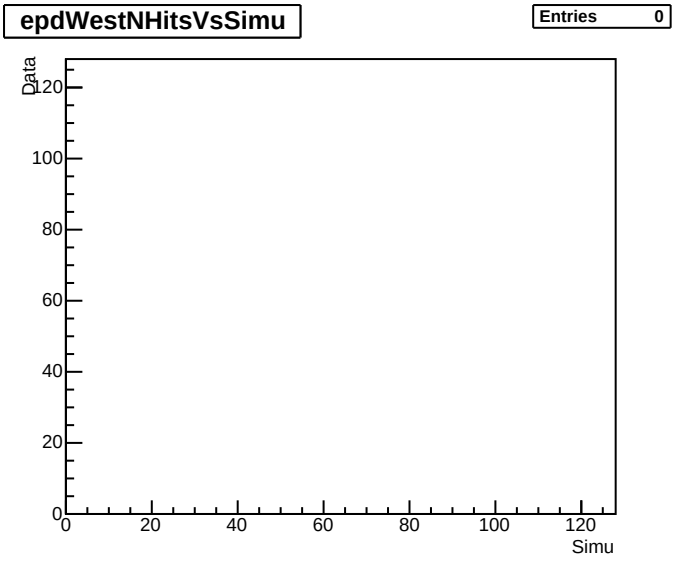
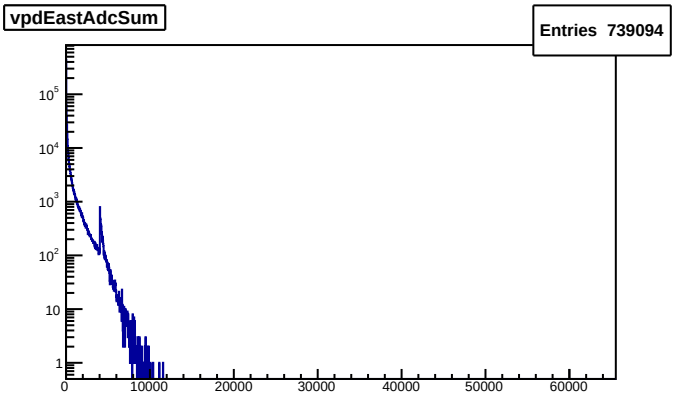
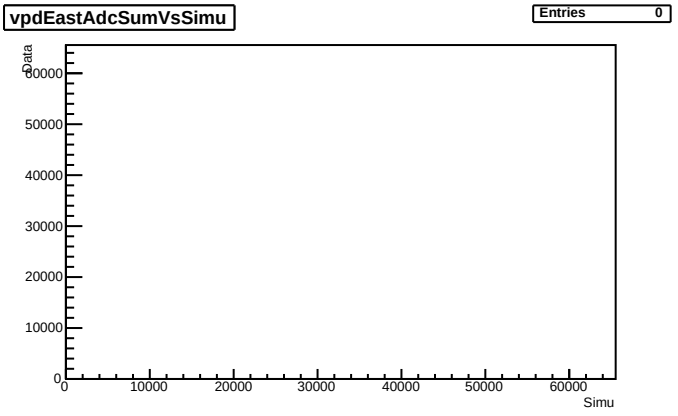
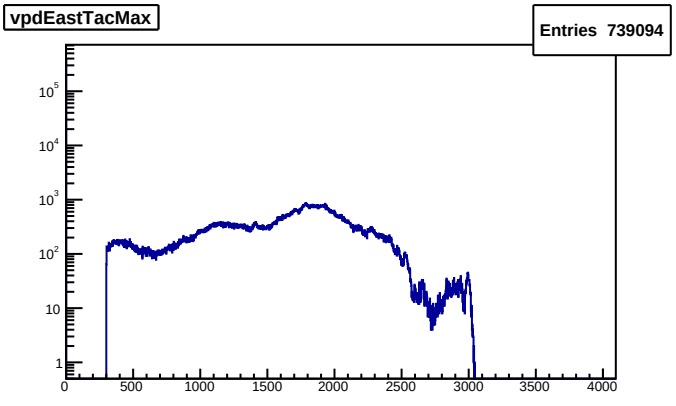
Entries 0
Data
Simu

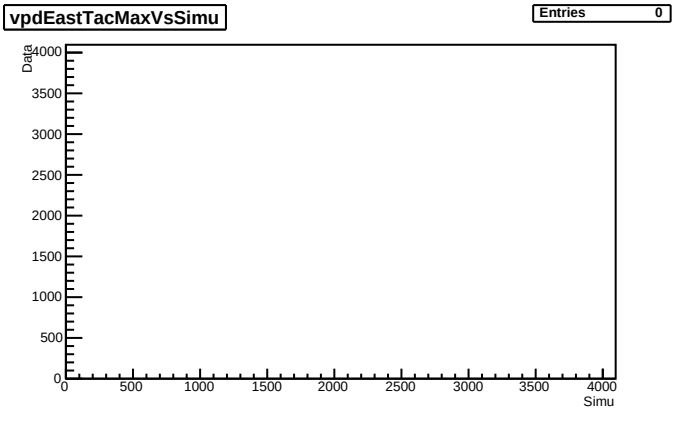

epdWestNHits
Entries 739094


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 739094


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 739094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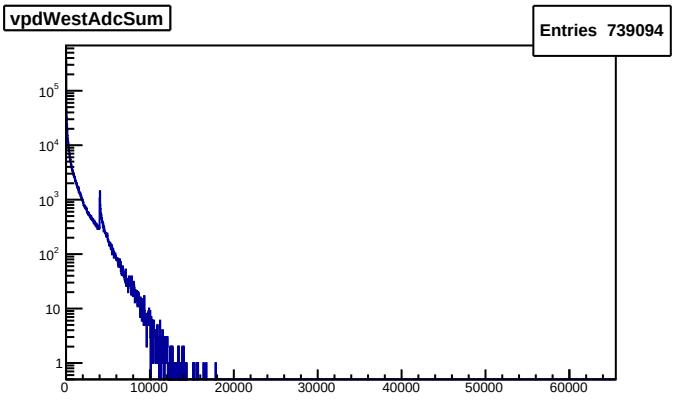
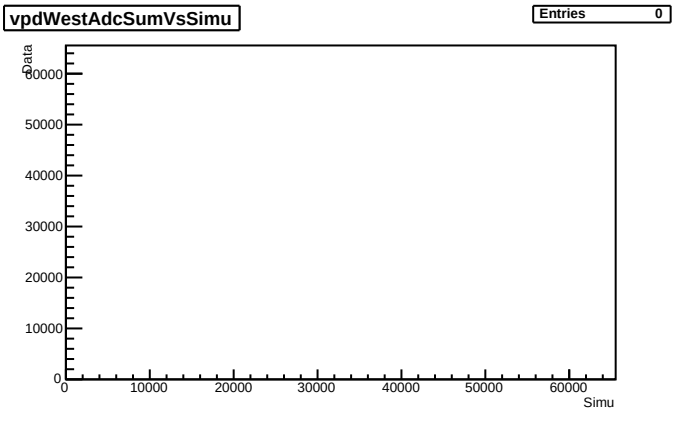
Entries 0
Data
Simu


vpdWestAdcSum
Entries 739094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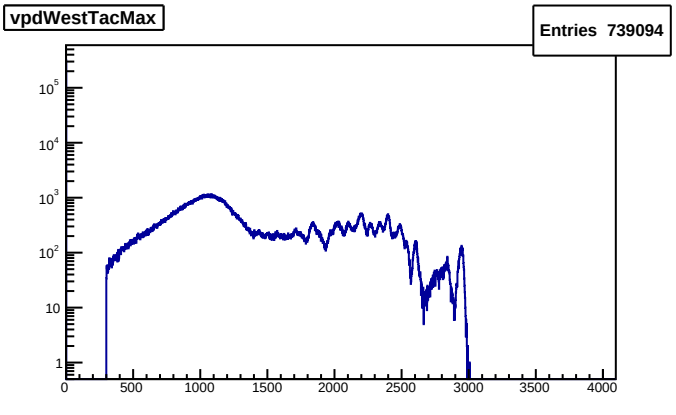
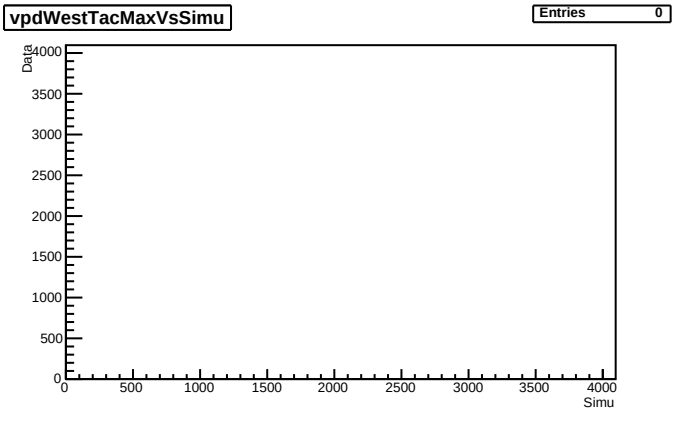
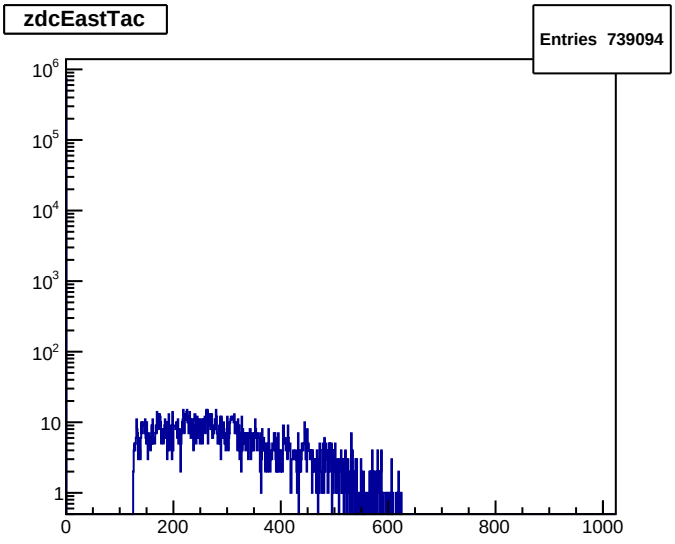
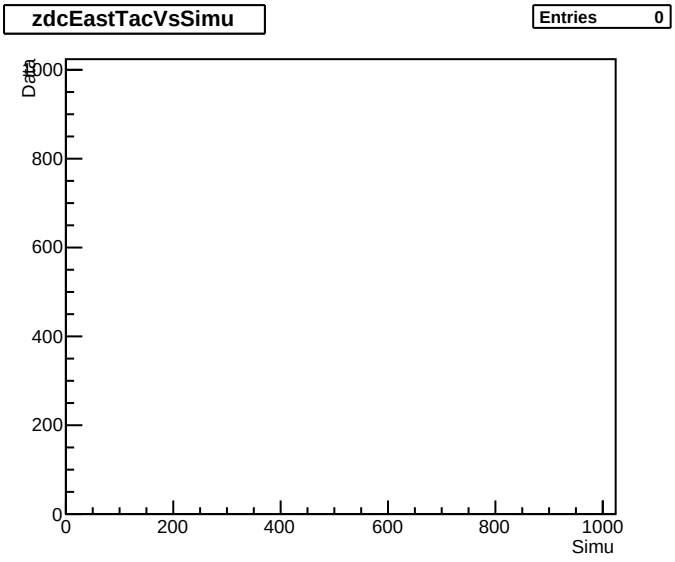
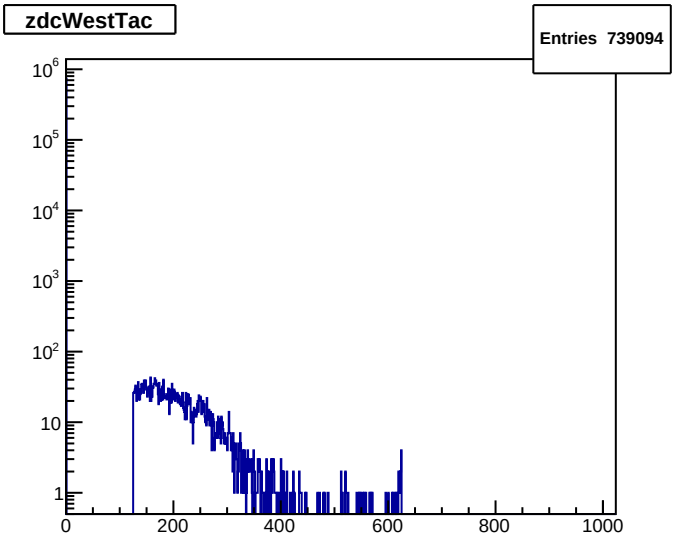
Entries 0
Data
Simu

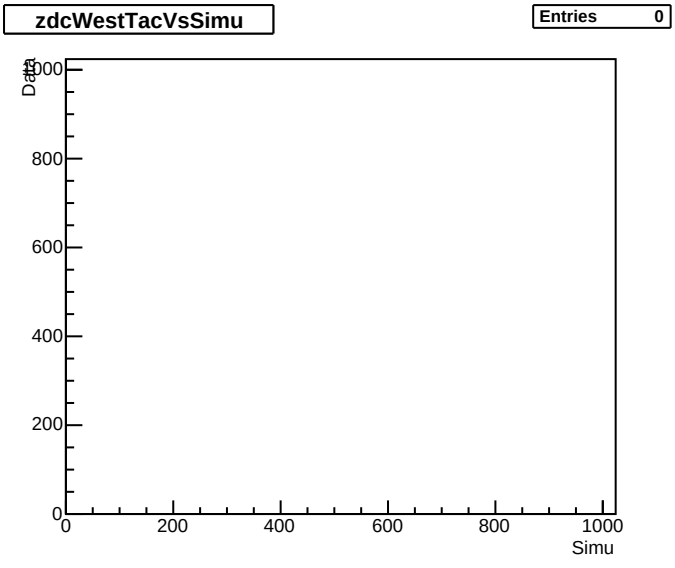

vpdWestTacMax
Entries 739094

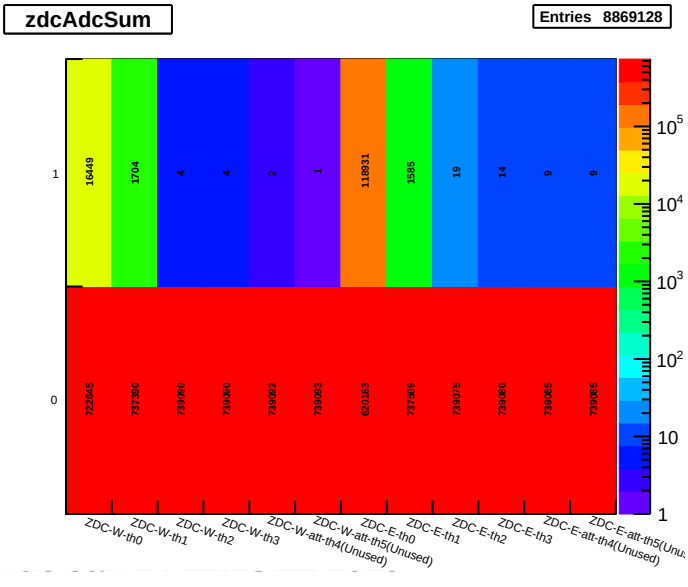

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

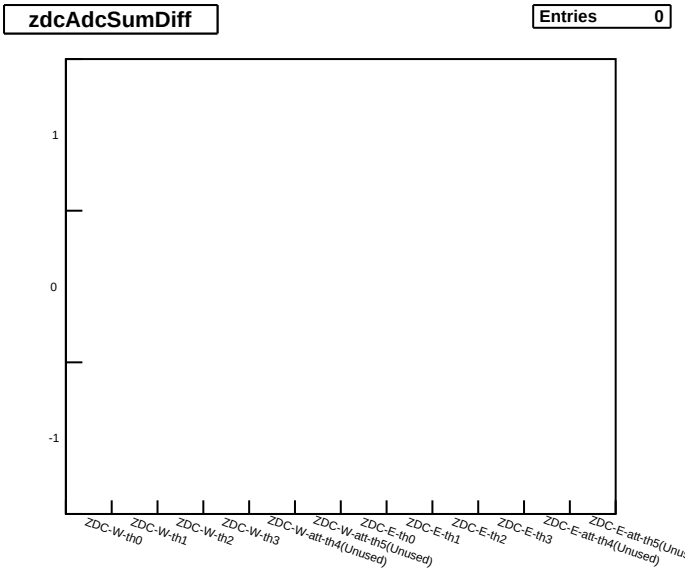

zdcEastTac
Entries 739094

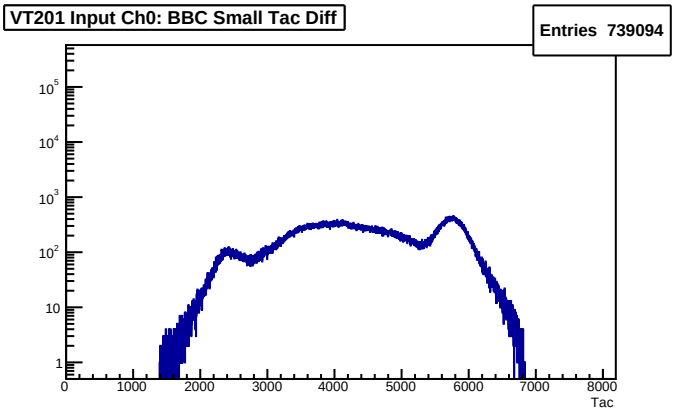

zdcEastTacVsSimu
Entries 0
Data
Simu

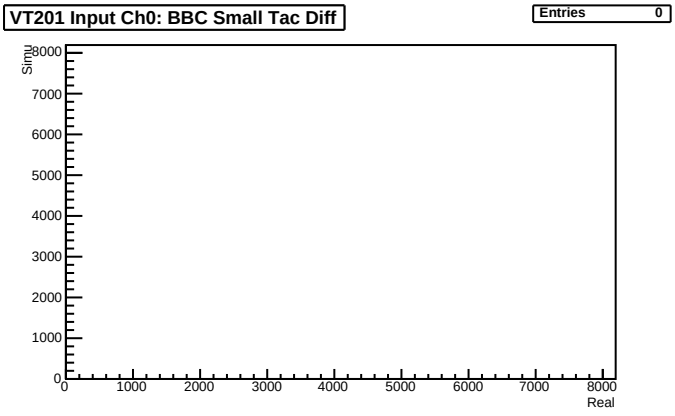

zdcWestTac
Entries 739094

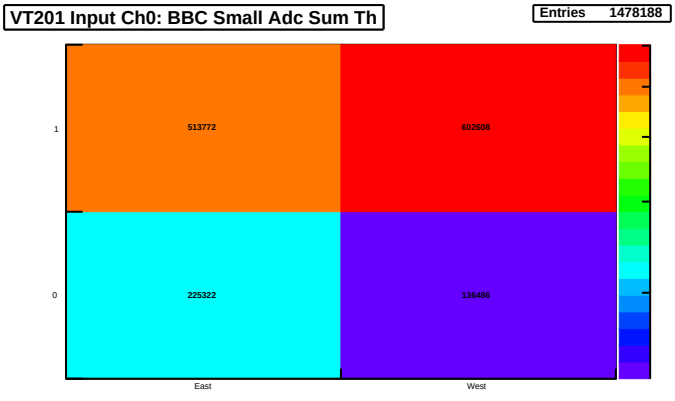

zdcWestTacVsSimu
Entries 0
Data
Simu

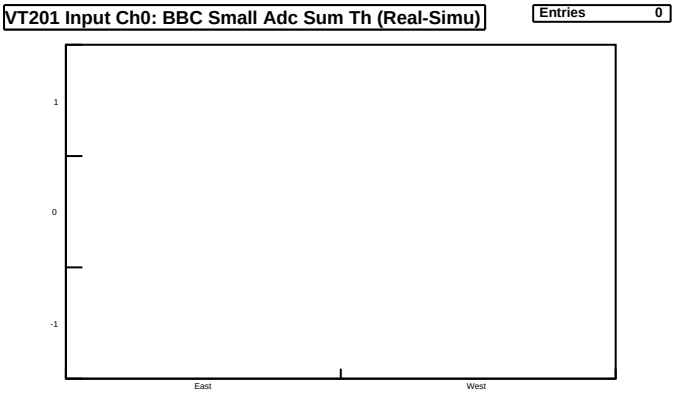

zdcAdcSum
Entries 8869128
16449
1704
4
4
2
1
118931
1585
19
14
9
9
722645
737390
739090
739090
739092
739093
620163
737509
739075
739080
739085
739085
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

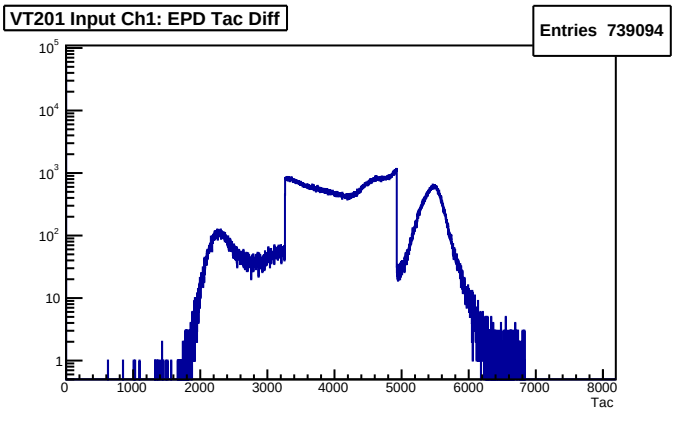

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

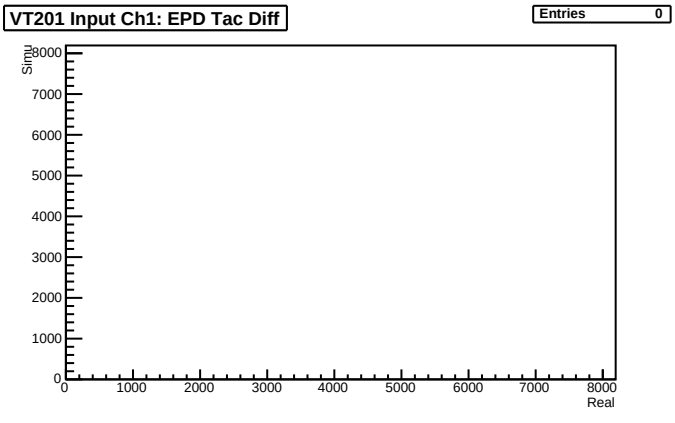

VT201 Input Ch0: BBC Small Tac Diff
Entries 739094
Tac

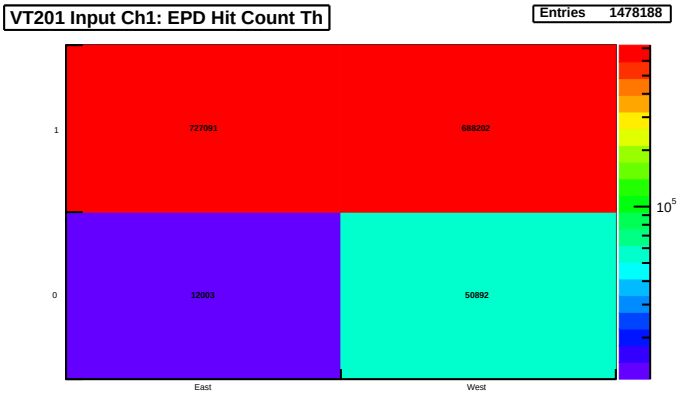

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

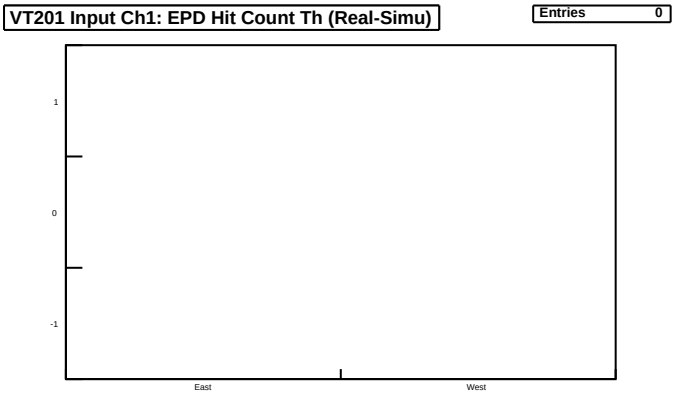

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1478188
513772
602608
225322
136486
East
West

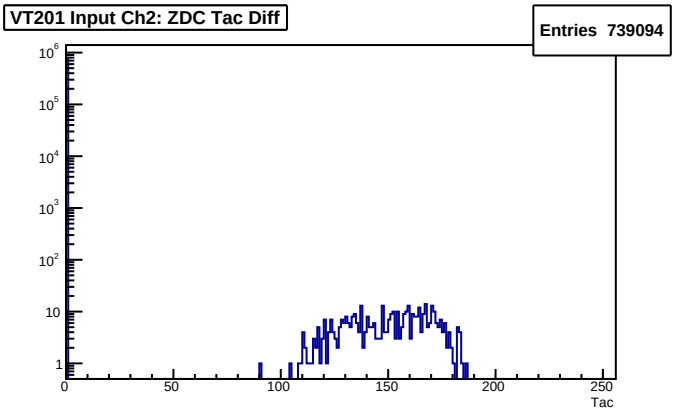

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

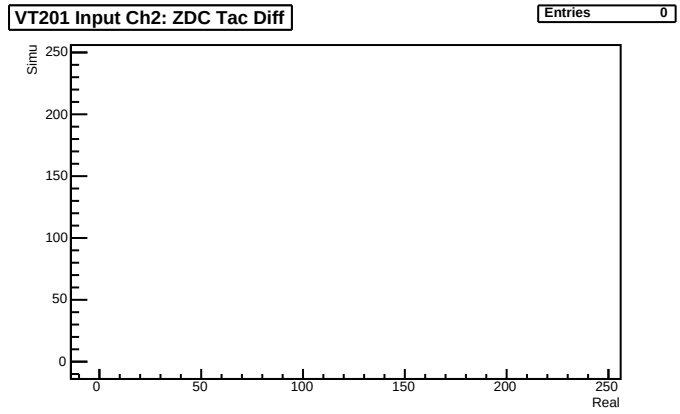

VT201 Input Ch1: EPD Tac Diff
Entries 739094
Tac

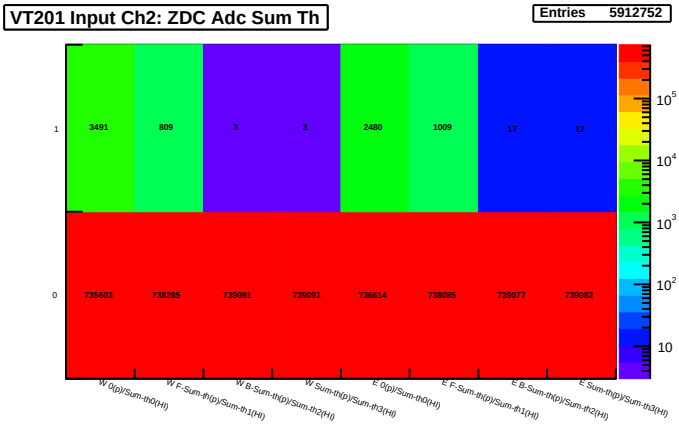

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

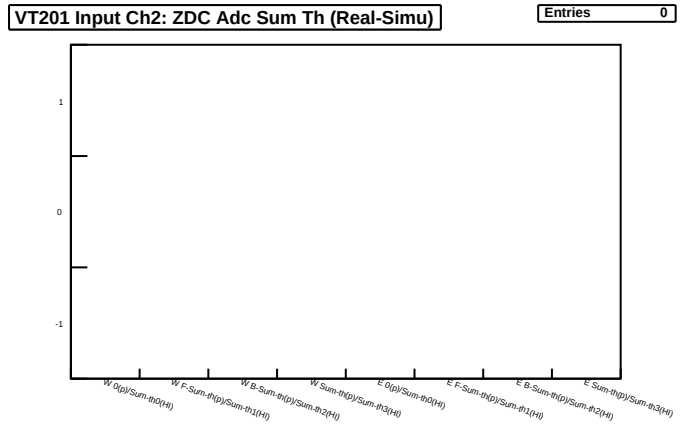

VT201 Input Ch1: EPD Hit Count Th
Entries 1478188
727091
688202
12003
50892
East
West

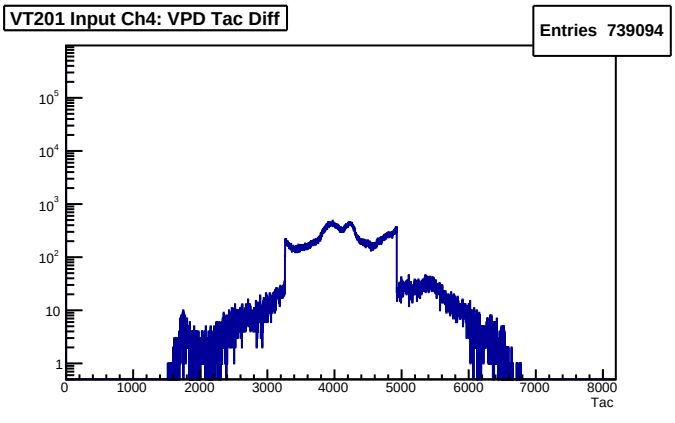

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

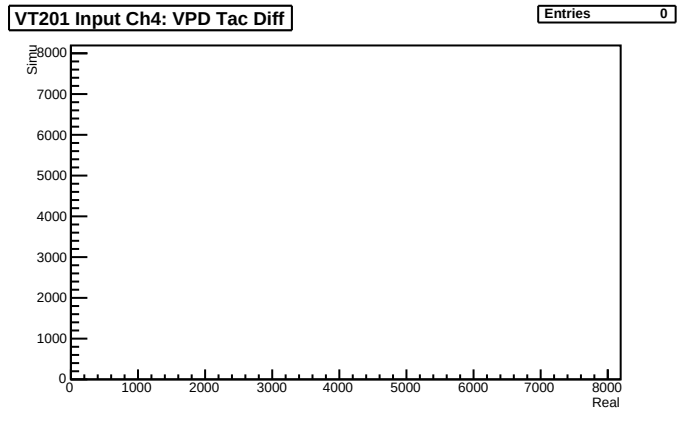

VT201 Input Ch2: ZDC Tac Diff
Entries 739094
Tac

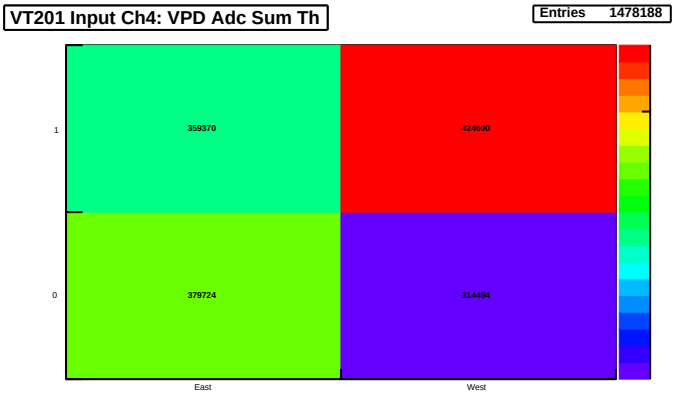

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

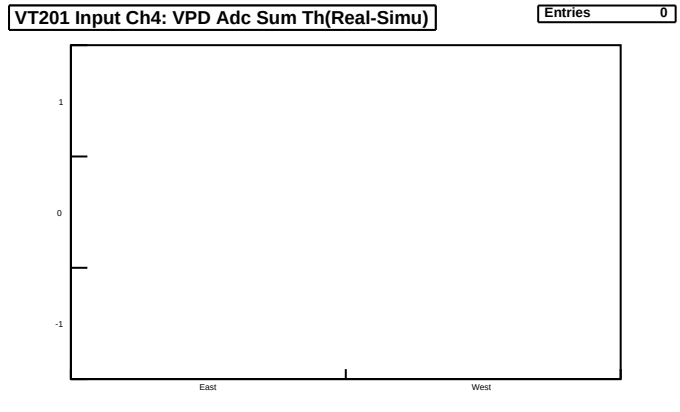

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5912752
3491
809
3
3
2480
1009
17
12
735603
738285
739091
739091
736614
738085
739077
739082
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

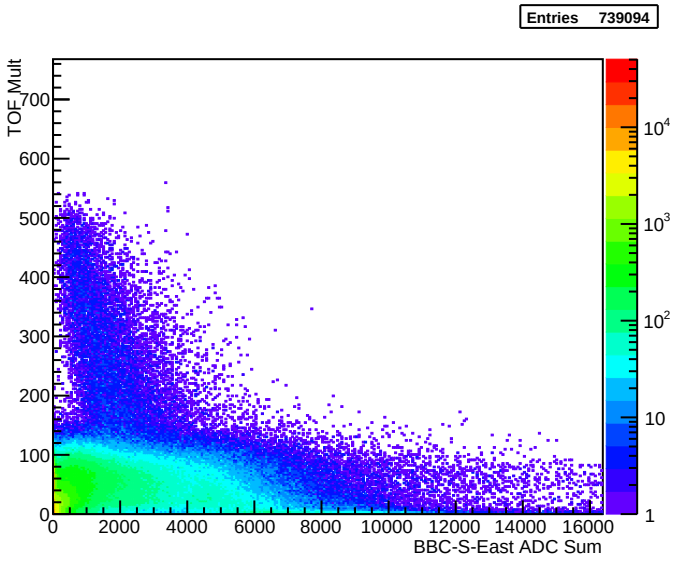

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

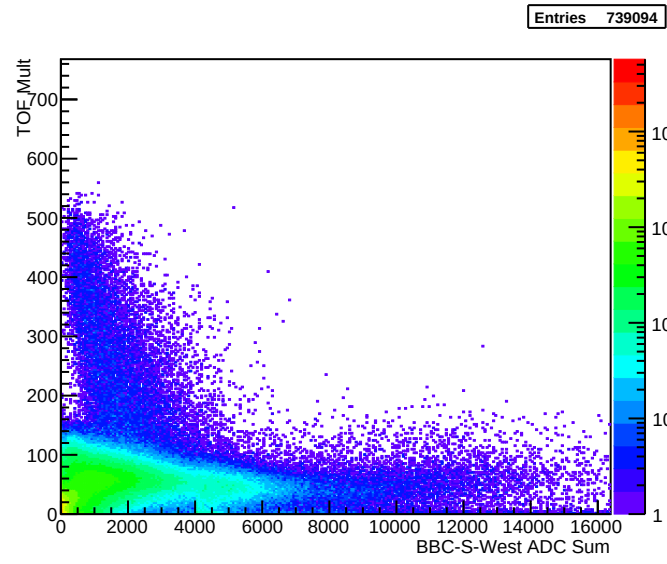

VT201 Input Ch4: VPD Tac Diff
Entries 739094
Tac

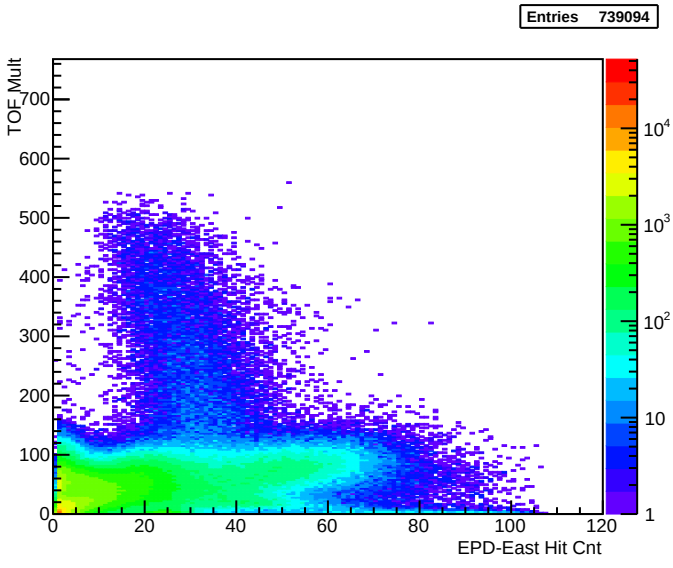

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

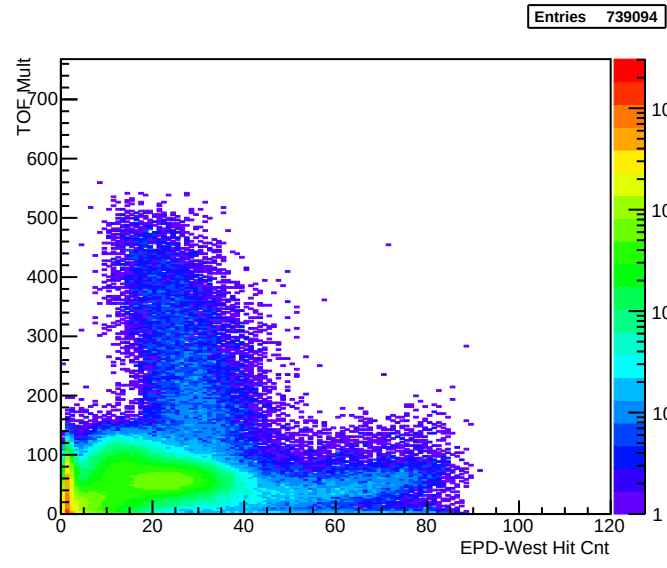

VT201 Input Ch4: VPD Adc Sum Th
Entries 1478188
359370
424600
379724
314494
East
West

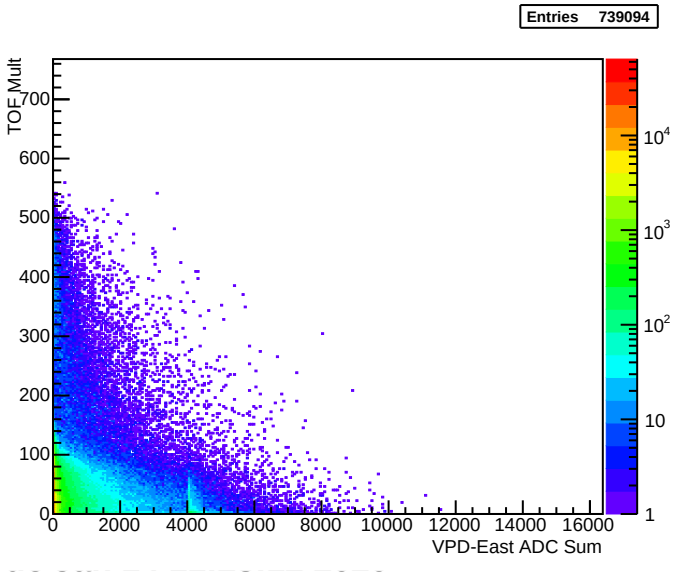

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

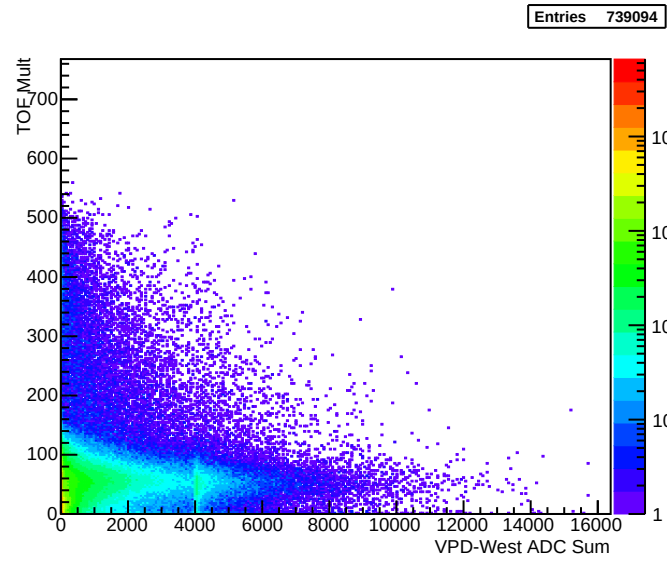

Entries 739094
TOF_Mult
BBC-S-East ADC Sum

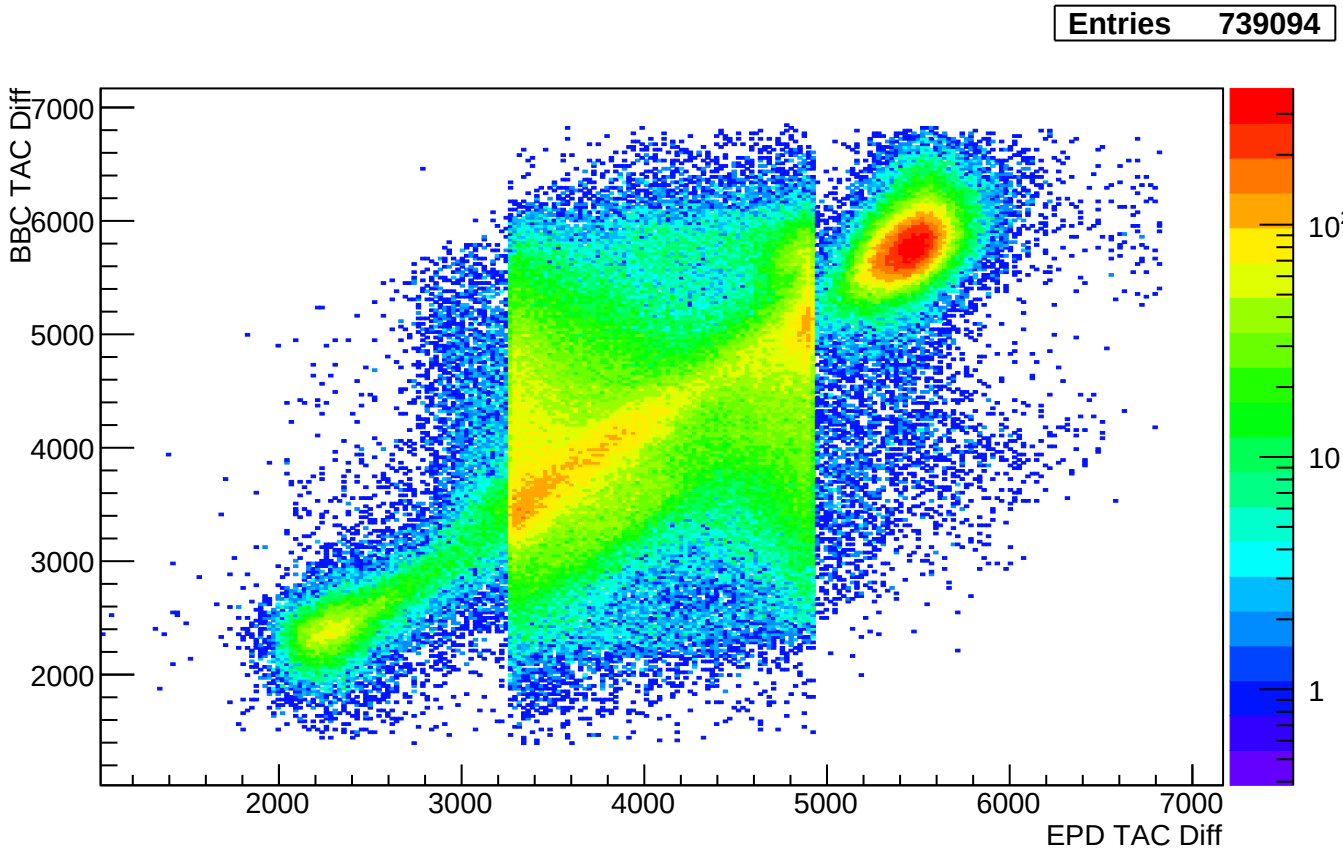

Entries 739094
TOF_Mult
BBC-S-West ADC Sum

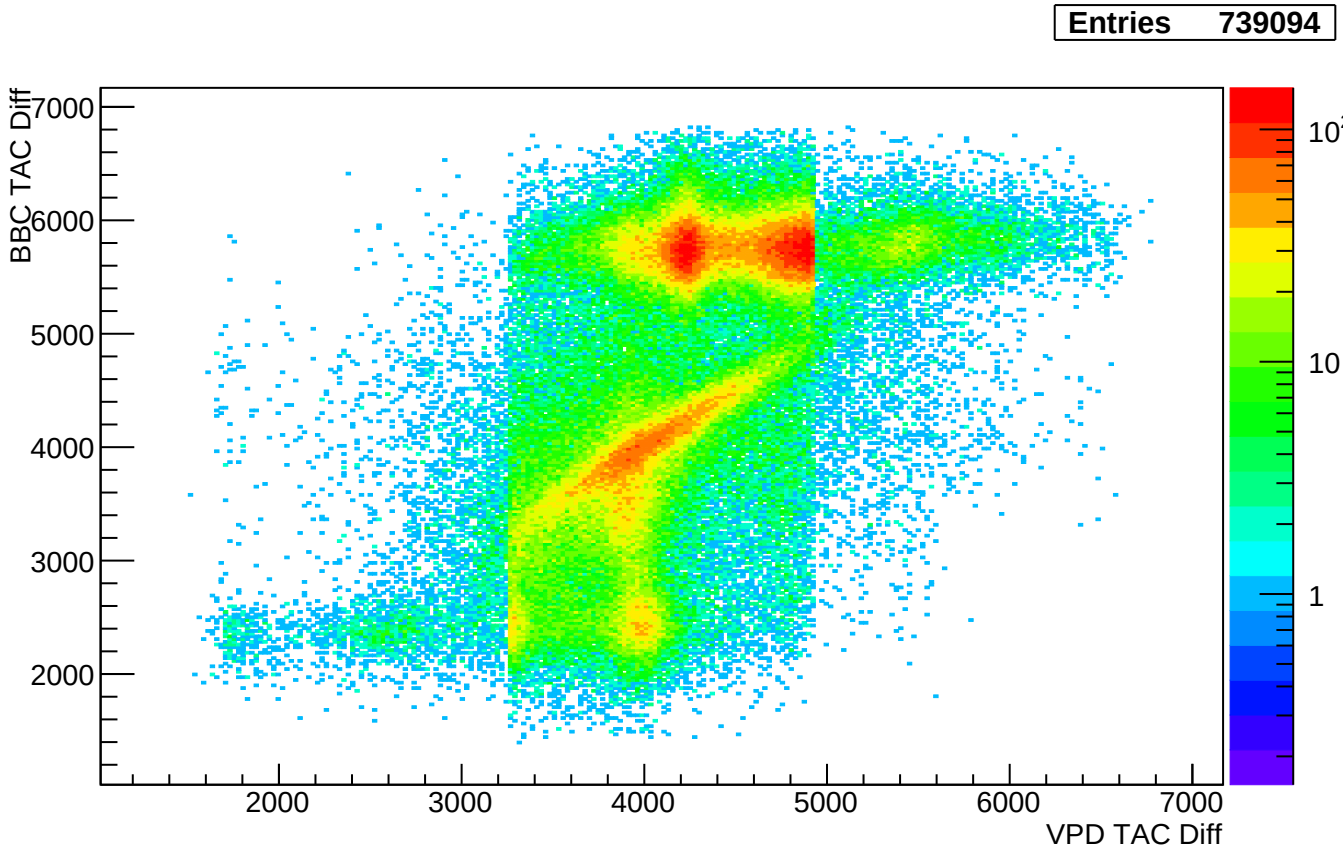

Entries 739094
TOF_Mult
EPD-East Hit Cnt

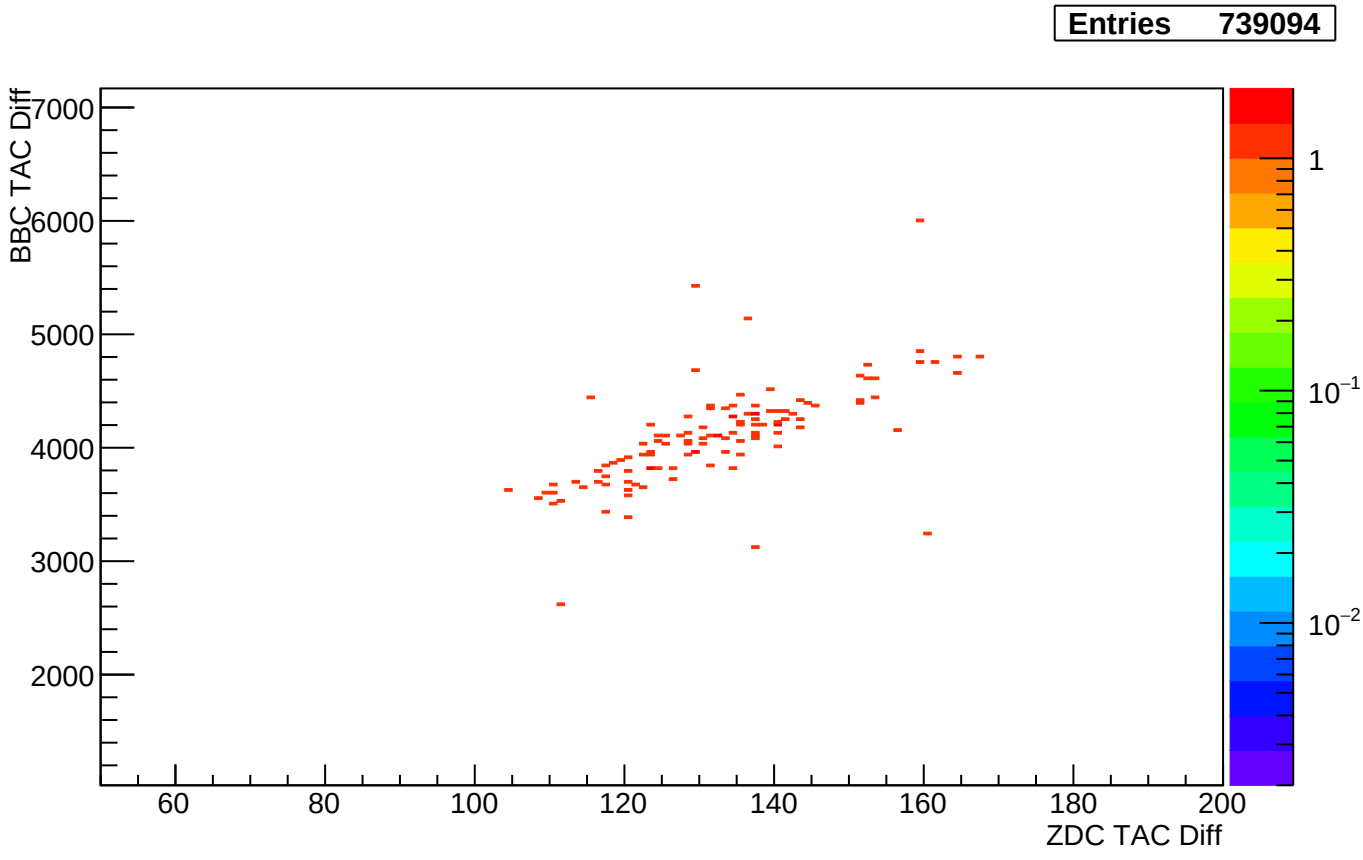

Entries 739094
TOF_Mult
EPD-West Hit Cnt

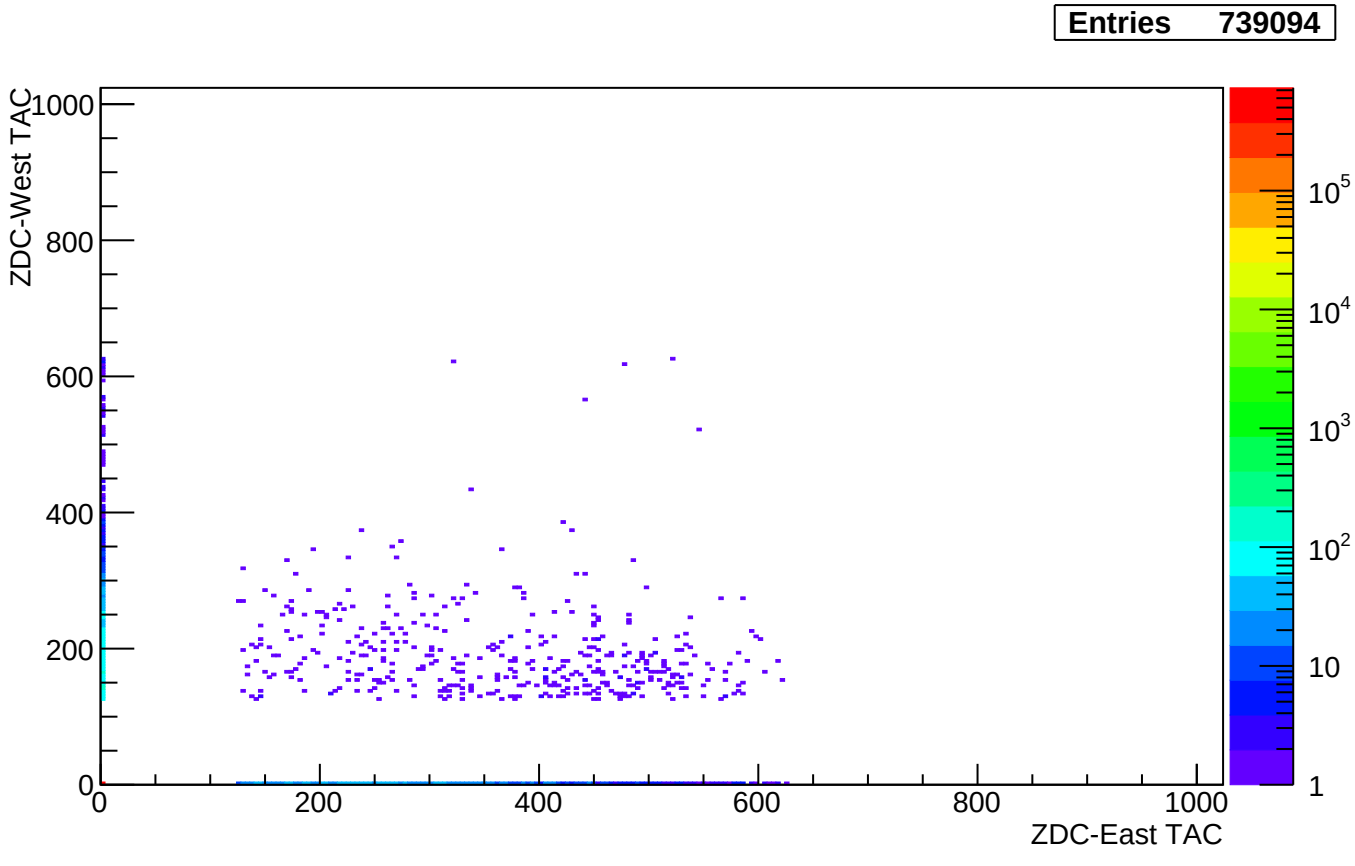

Entries 739094
TOF_Mult
VPD-East ADC Sum

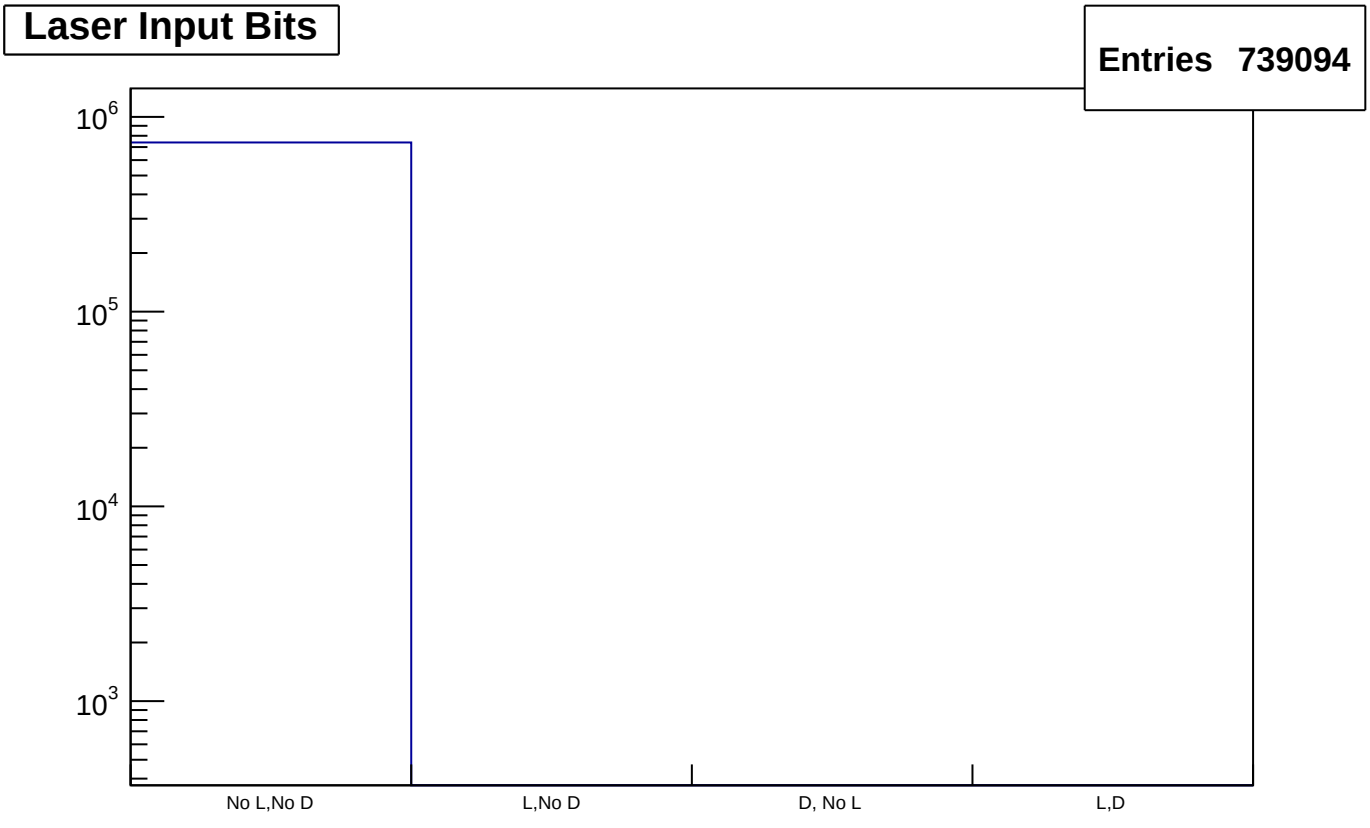

Entries 739094
TOF_Mult
VPD-West ADC Sum

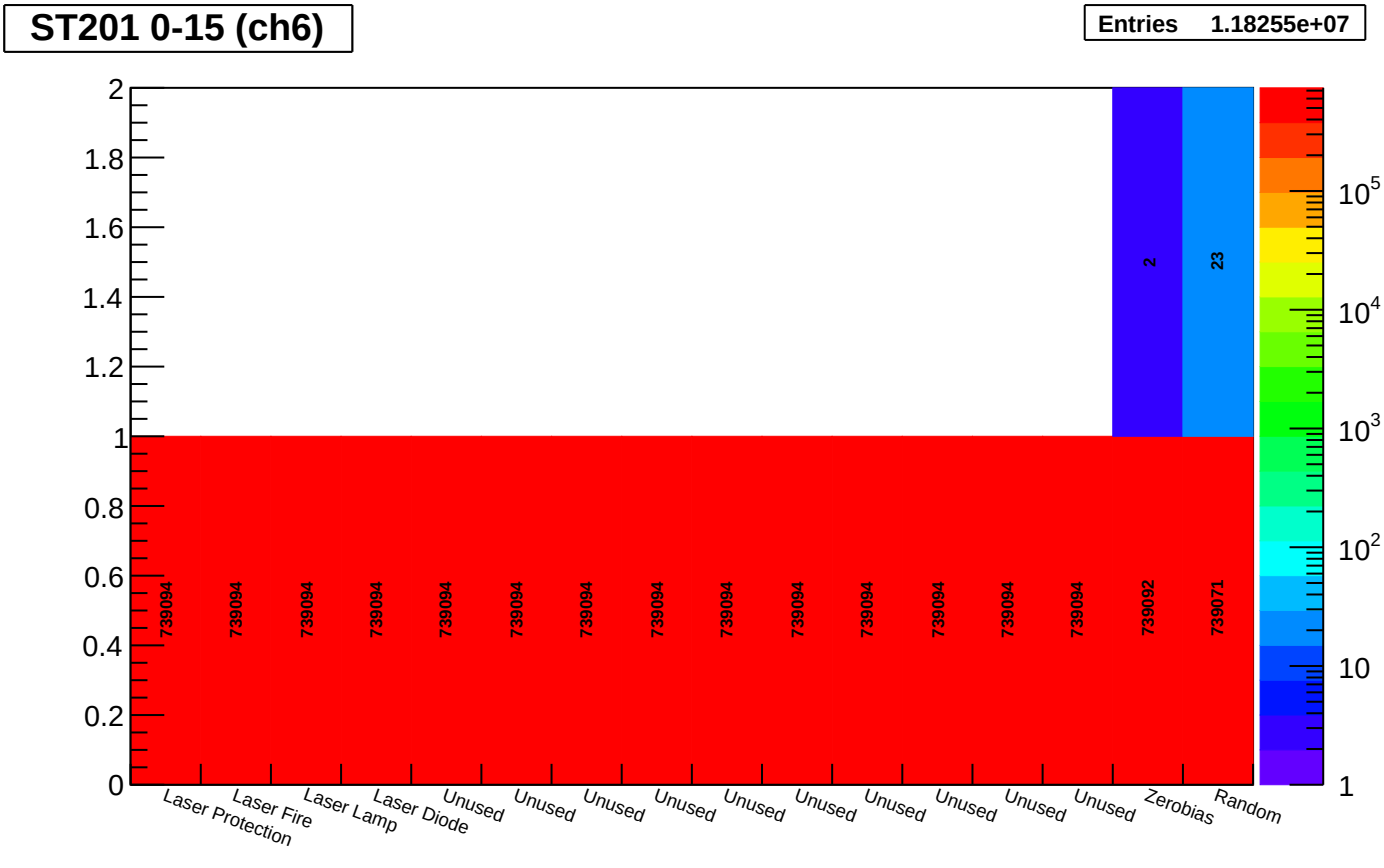

Entries 739094
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

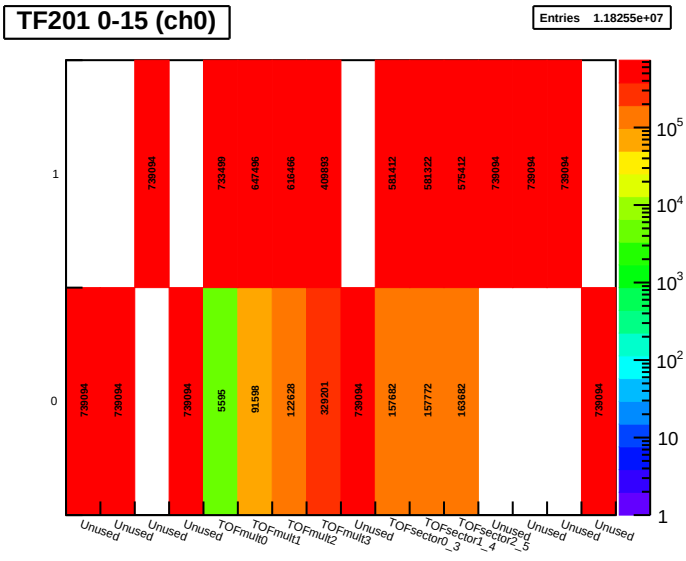

Entries 739094
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

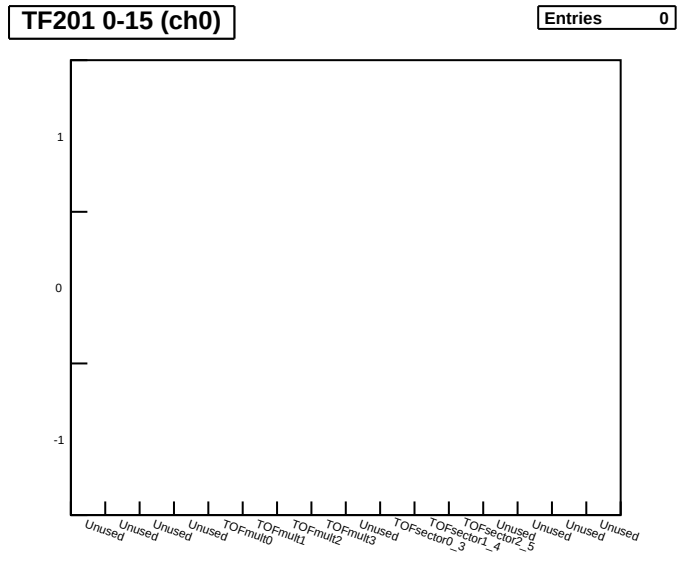

Entries 739094
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

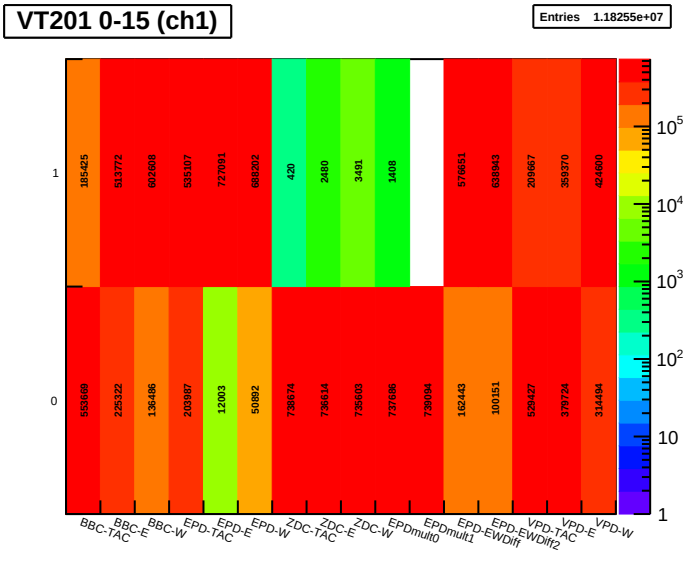

Entries 739094
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

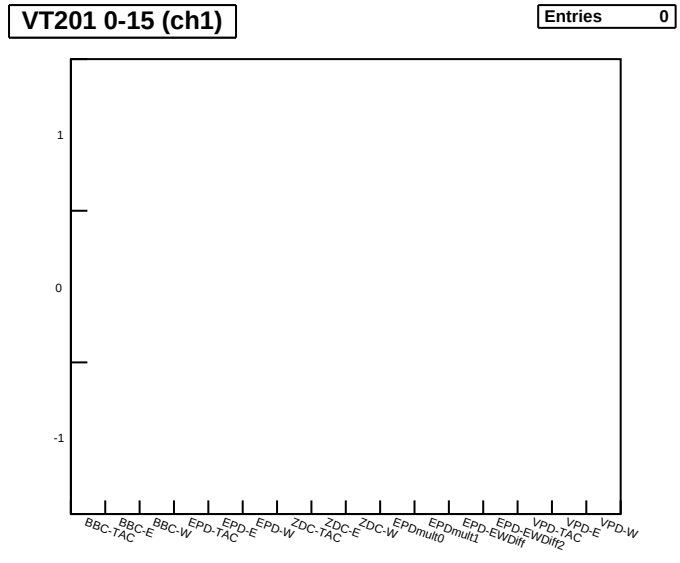

Laser Input Bits
Entries 739094
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

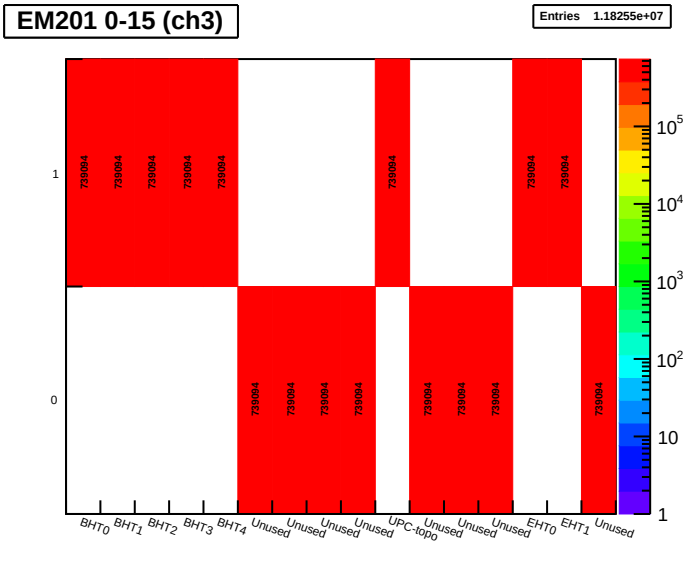

ST201 0-15 (ch6)
Entries 1.18255e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
739094
739092
739071
2
23
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

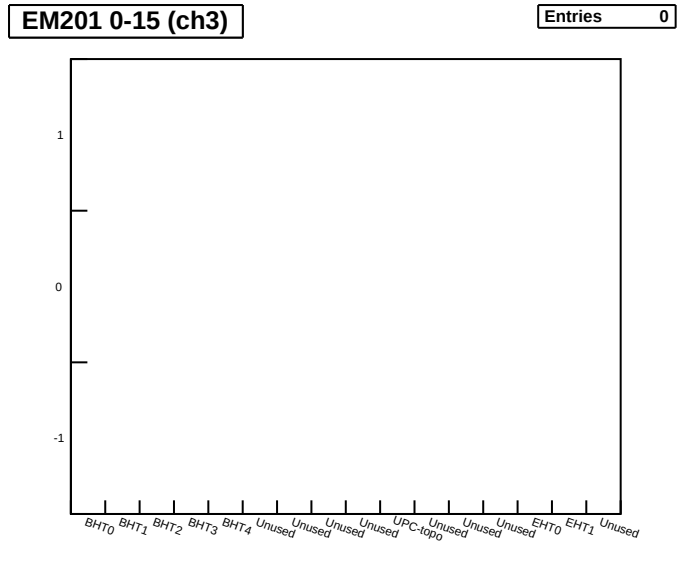

TF201 0-15 (ch0)
Entries 1.18255e+07
1
0
730094
733499
647496
616466
409893
581412
581322
575412
730094
730094
730094
730094
730094
730094
5595
91598
122628
329201
730094
157682
157772
163682
730094
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 1.18255e+07
1
0
185425
513772
602608
535107
727091
688202
420
2480
3491
1408
576651
638943
209667
359370
424600
553669
225322
136486
203987
12003
50892
738674
738614
735603
737686
739094
162443
100151
525427
379724
314494
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 1.18255e+07
1
0
739094
739094
739094
739094
739094
739094
739094
739094
739094
739094
739094
739094
739094
739094
739094
739094
739094
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