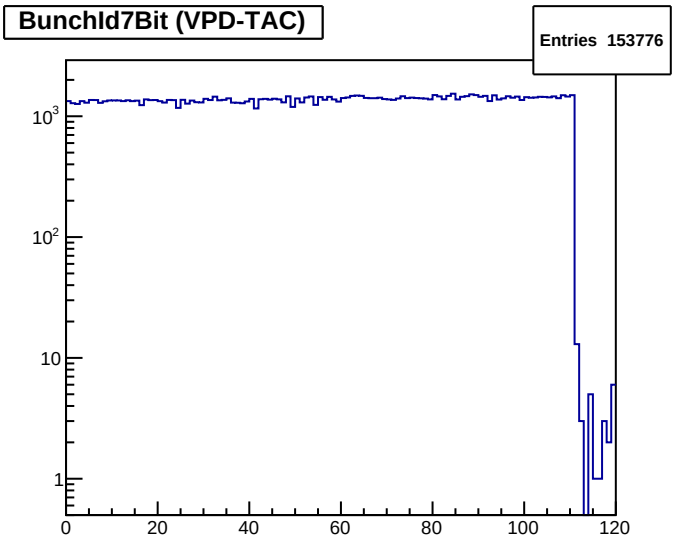
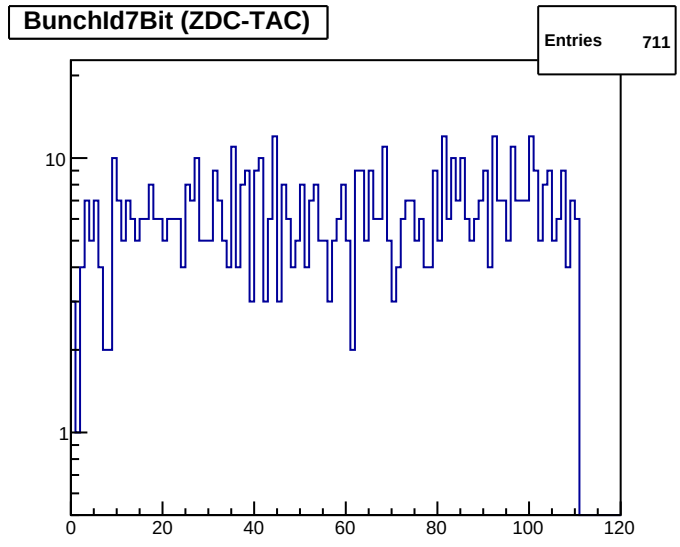
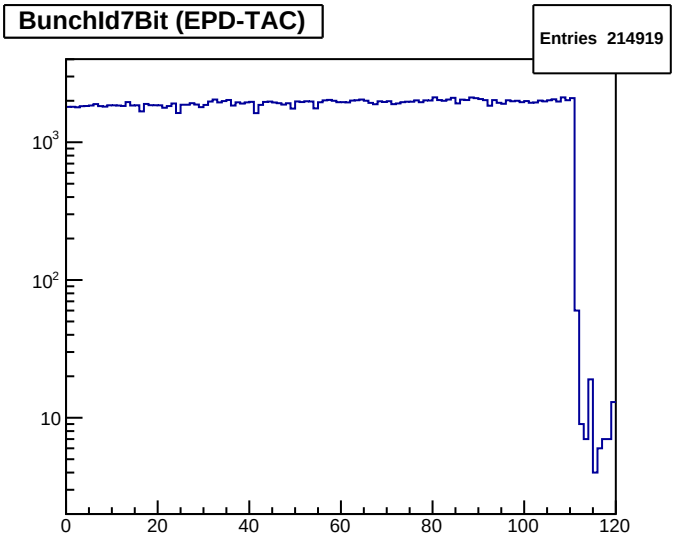
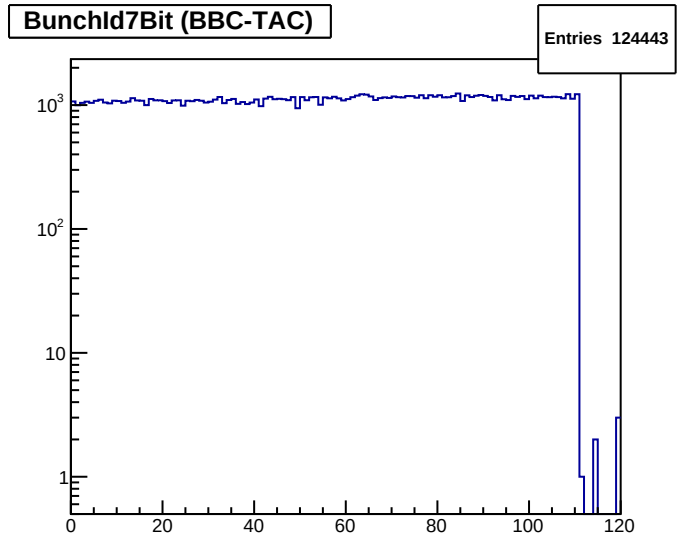
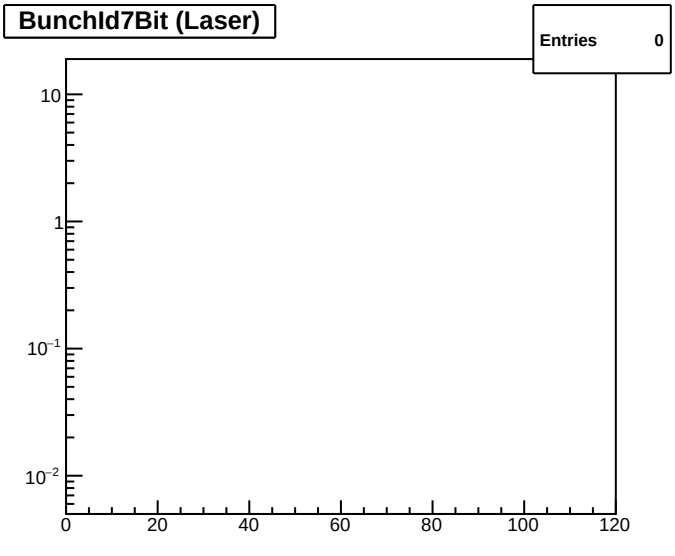
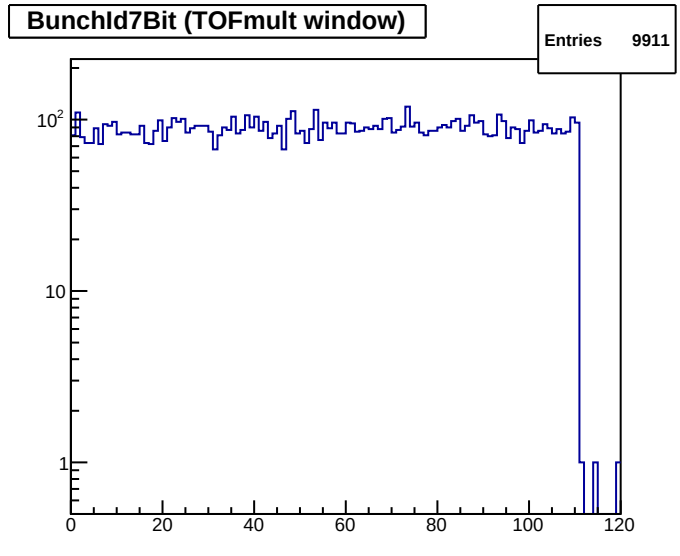

BunchId7Bit (VPD-TAC)
Entries 153776

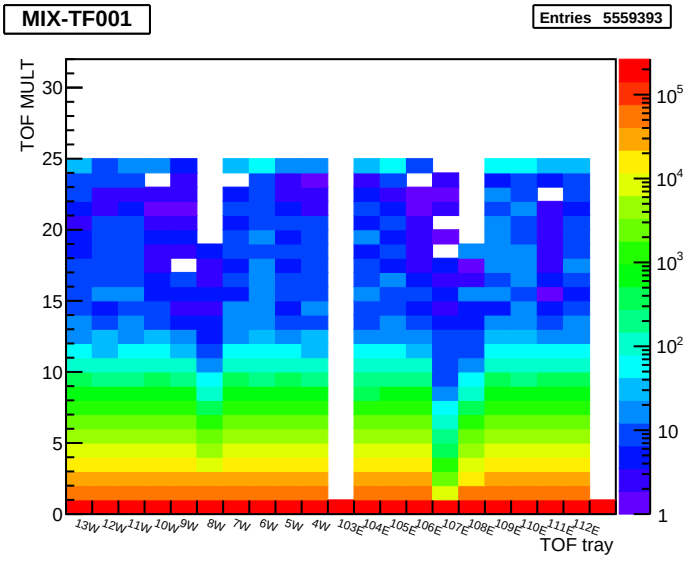

BunchId7Bit (ZDC-TAC)
Entries 711

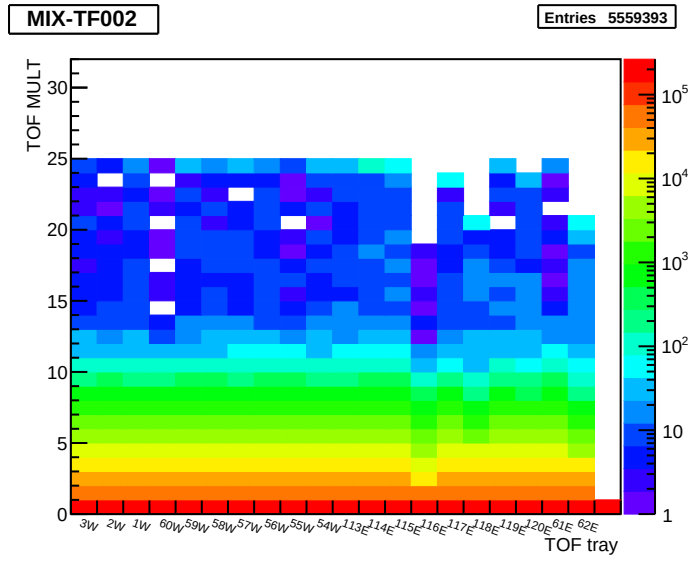

BunchId7Bit (EPD-TAC)
Entries 214919

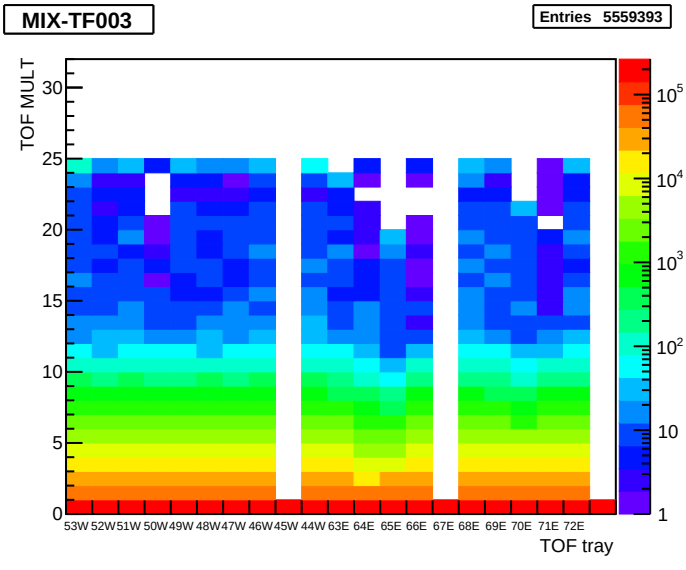

BunchId7Bit (BBC-TAC)
Entries 124443

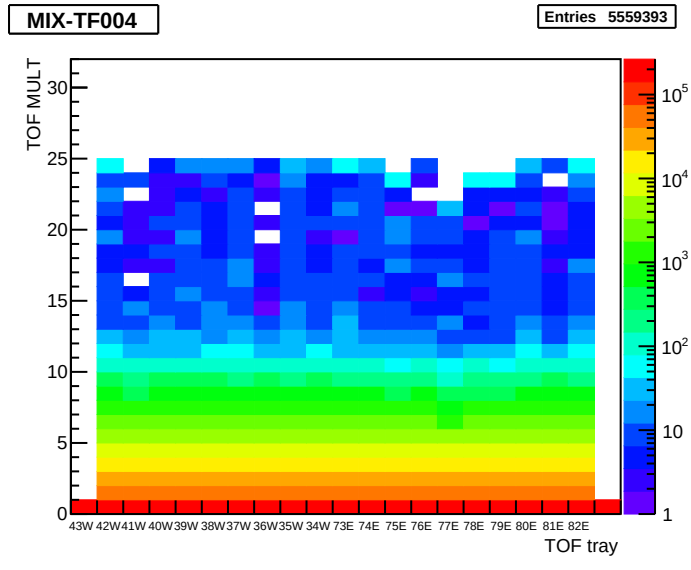

BunchId7Bit (Laser)
Entries 0

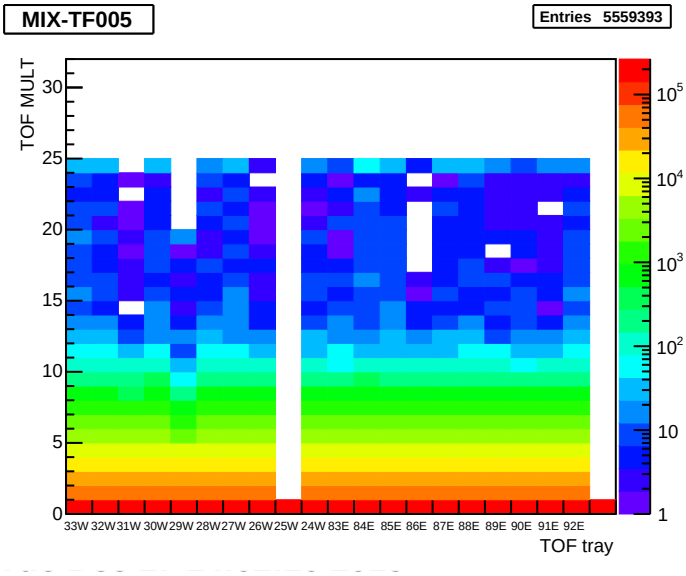

BunchId7Bit (TOFmult window)
Entries 9911

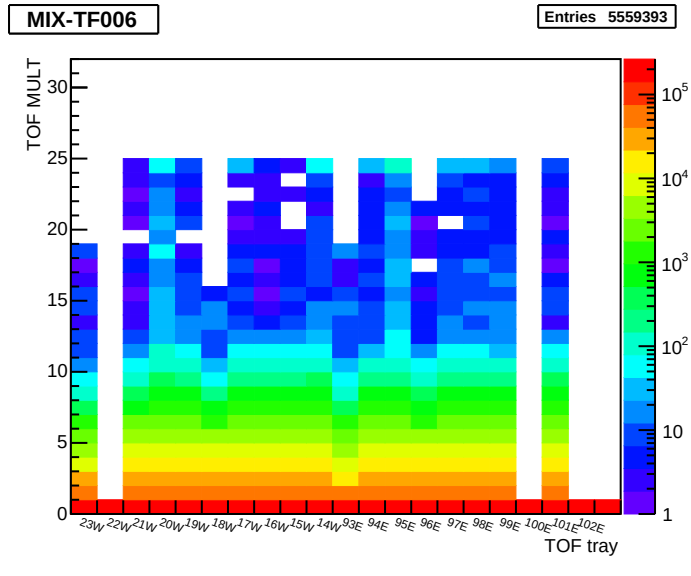

MIX-TF001
Entries 5559393
TOF MULT
TOF tray

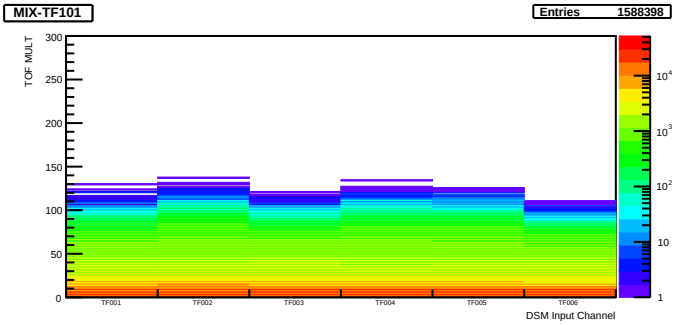

MIX-TF002
Entries 5559393
TOF MULT
TOF tray

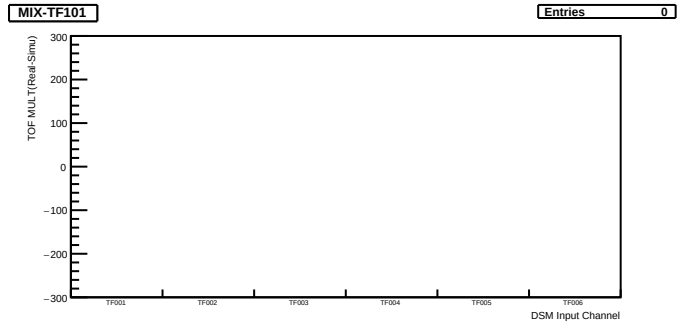

MIX-TF003
Entries 5559393
TOF MULT
TOF tray

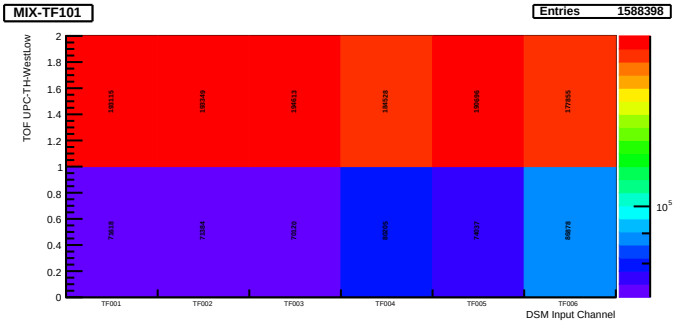

MIX-TF004
Entries 5559393
TOF MULT
TOF tray

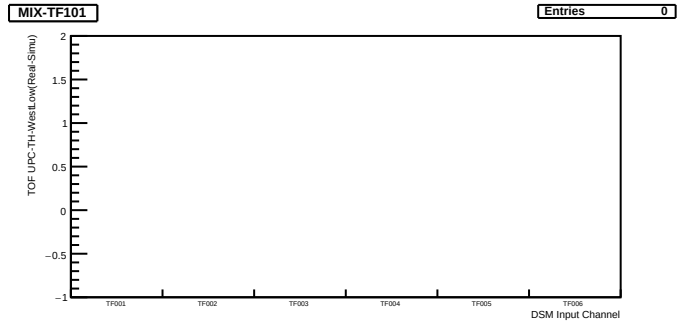

MIX-TF005
Entries 5559393
TOF MULT
TOF tray

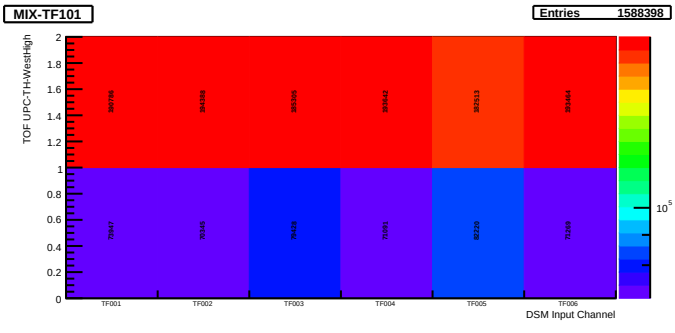

MIX-TF006
Entries 5559393
TOF MULT
TOF tray

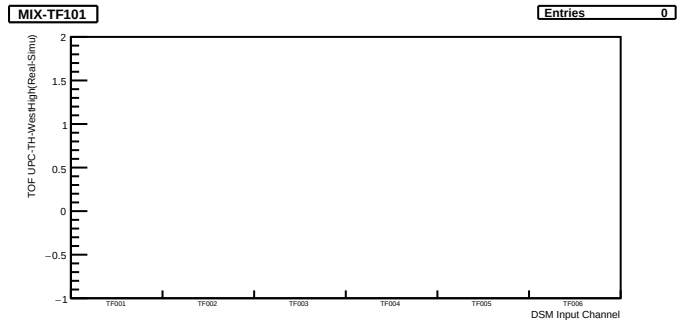

MIX-TF101
Entries 1588398
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

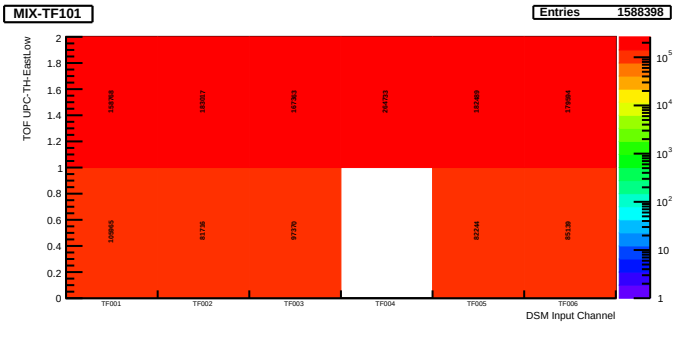

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

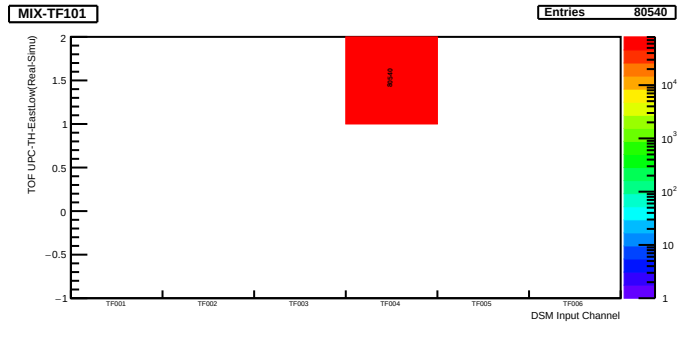

MIX-TF101
Entries 1588398
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

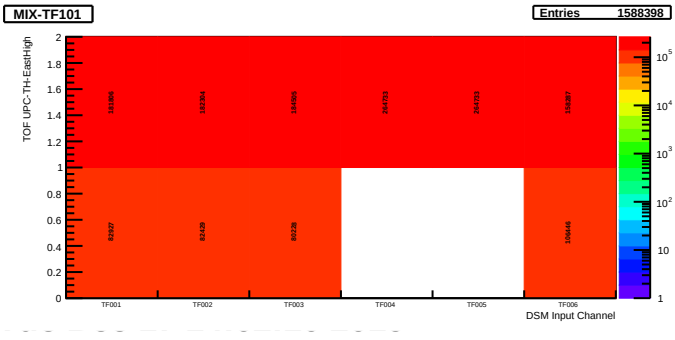

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

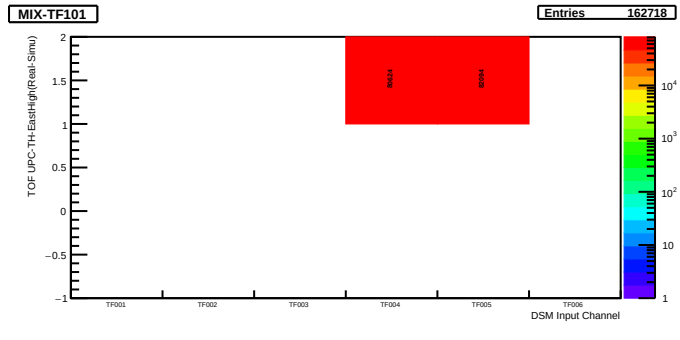

MIX-TF101
Entries 1588398
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

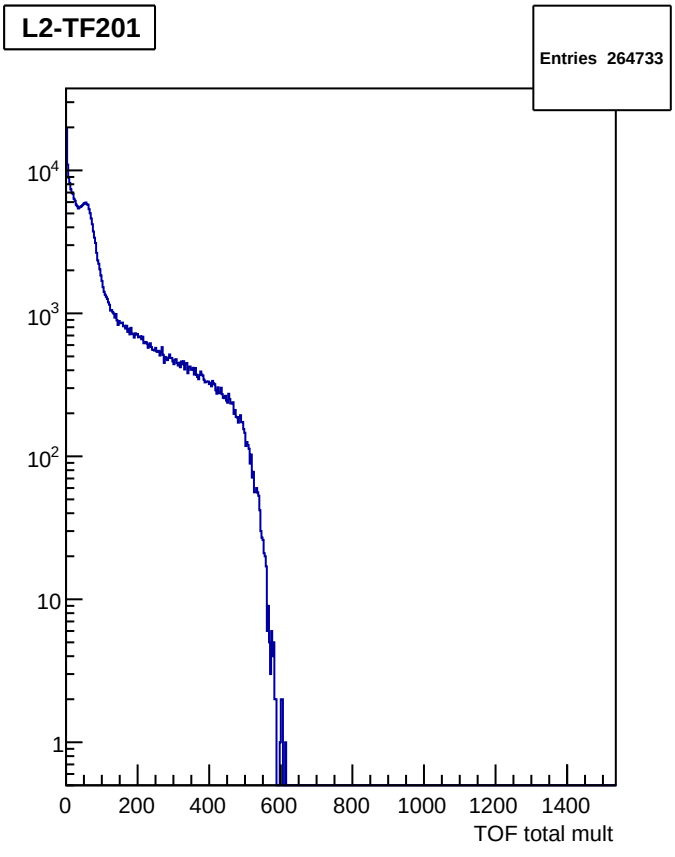

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

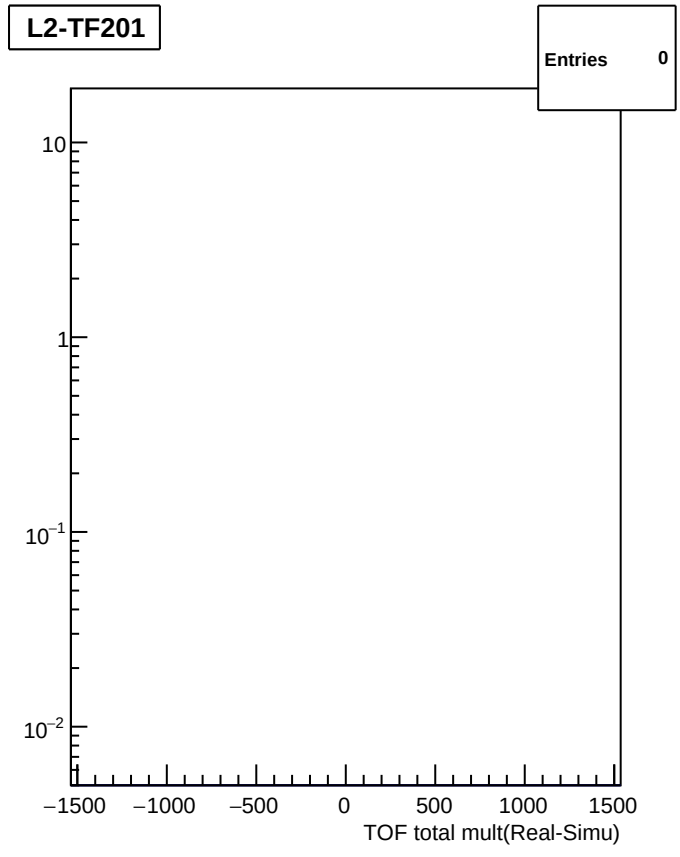

MIX-TF101
Entries 1588398
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

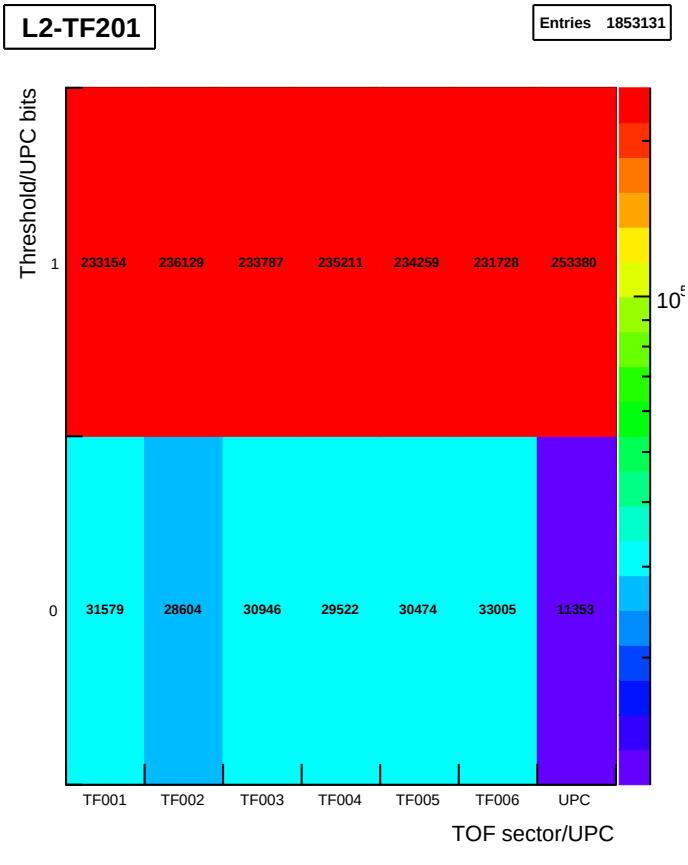

MIX-TF101
Entries 80540
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

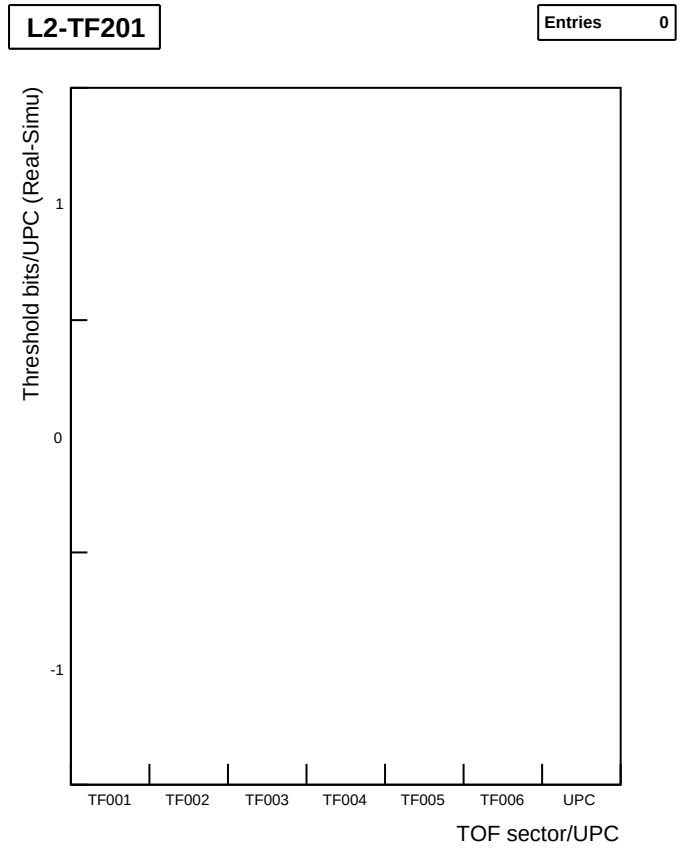

MIX-TF101
Entries 1588398
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

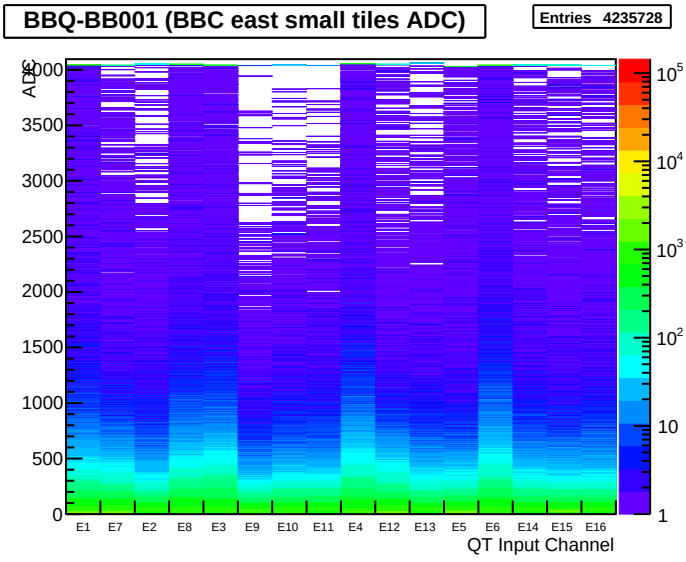

MIX-TF101
Entries 162718
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

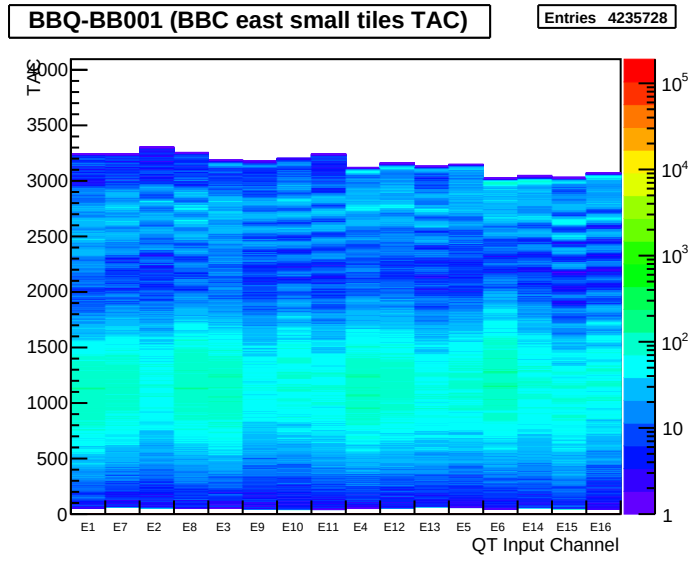

L2-TF201
Entries 264733
TOF total mult

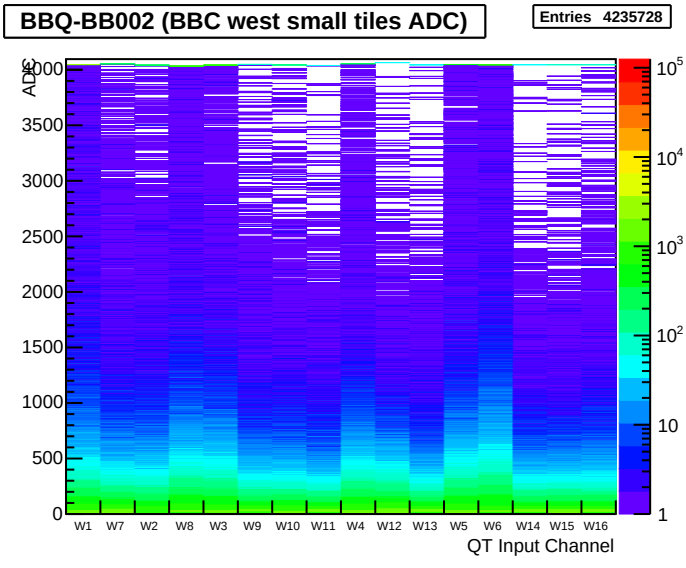

L2-TF201
Entries 0
TOF total mult(Real-Simu)

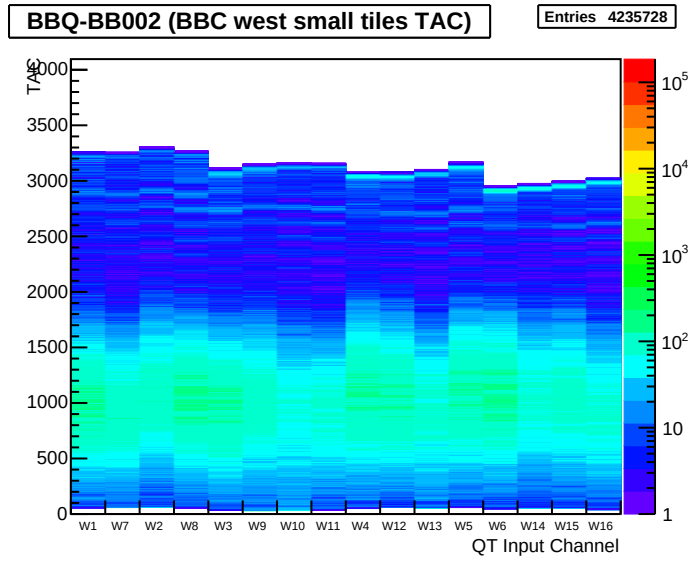

L2-TF201
Entries 1853131
Threshold/UPC bits
233154
236129
233787
235211
234259
231728
253380
31579
28604
30946
29522
30474
33005
11353
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

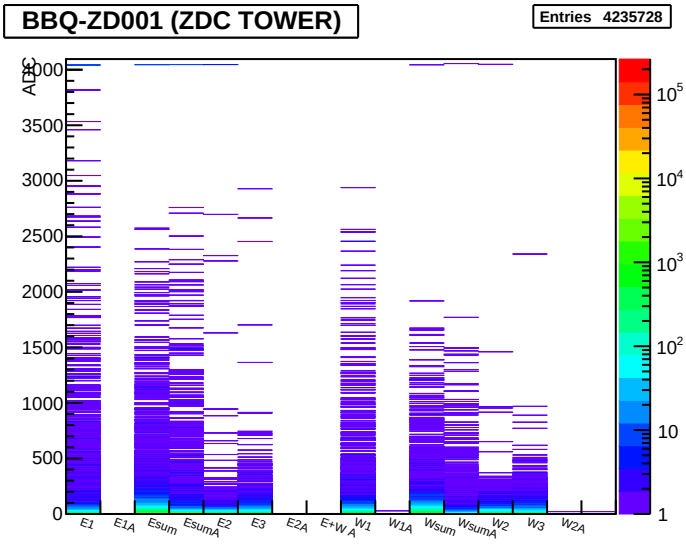

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

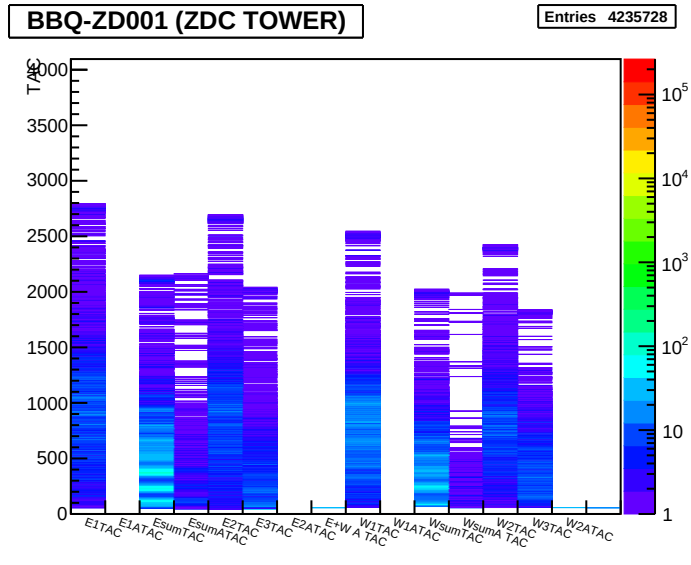

BBQ-BB001 (BBC east small tiles ADC)
Entries 4235728
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

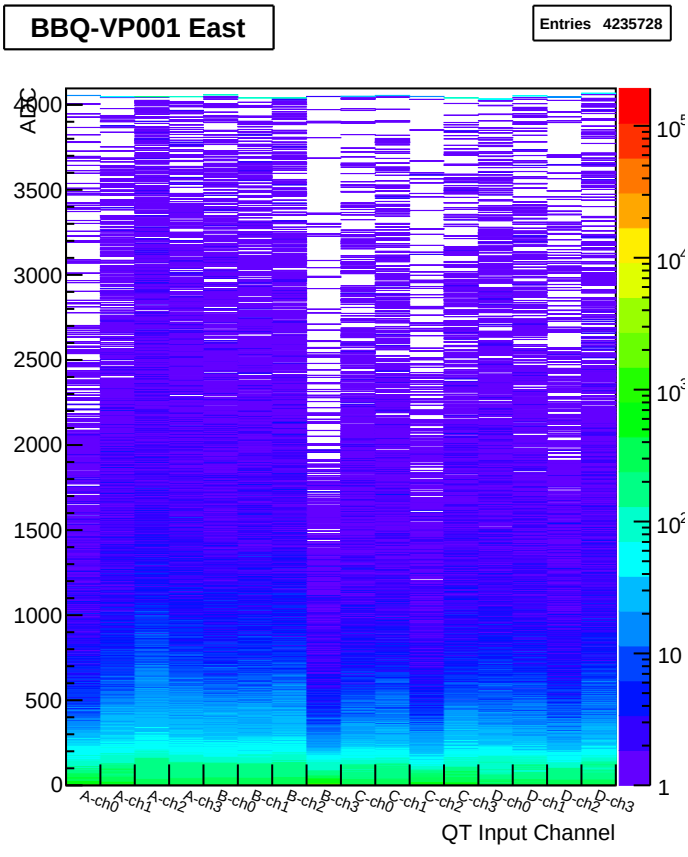

BBQ-BB001 (BBC east small tiles TAC)
Entries 4235728
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

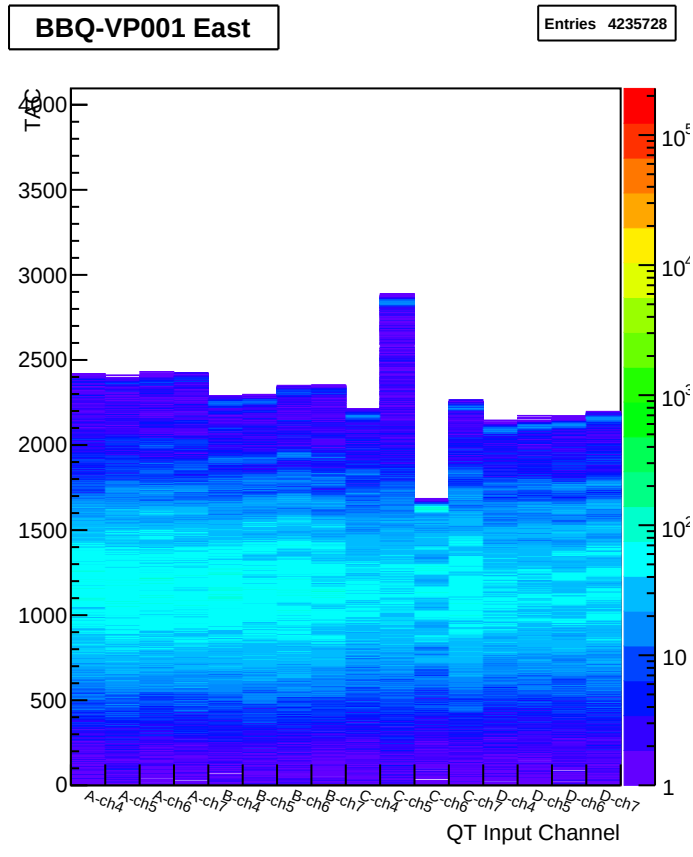

BBQ-BB002 (BBC west small tiles ADC)
Entries 4235728
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

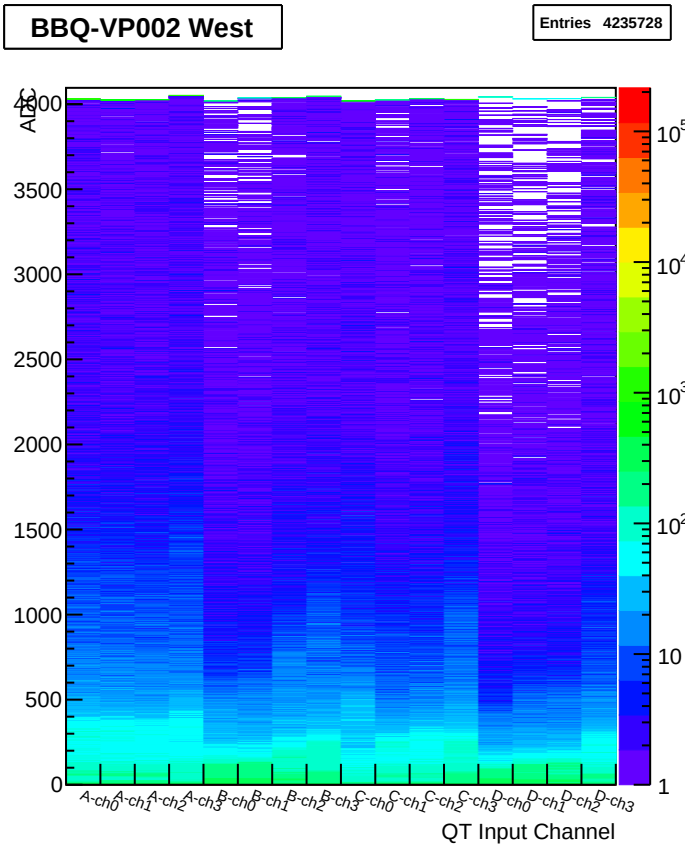

BBQ-BB002 (BBC west small tiles TAC)
Entries 4235728
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

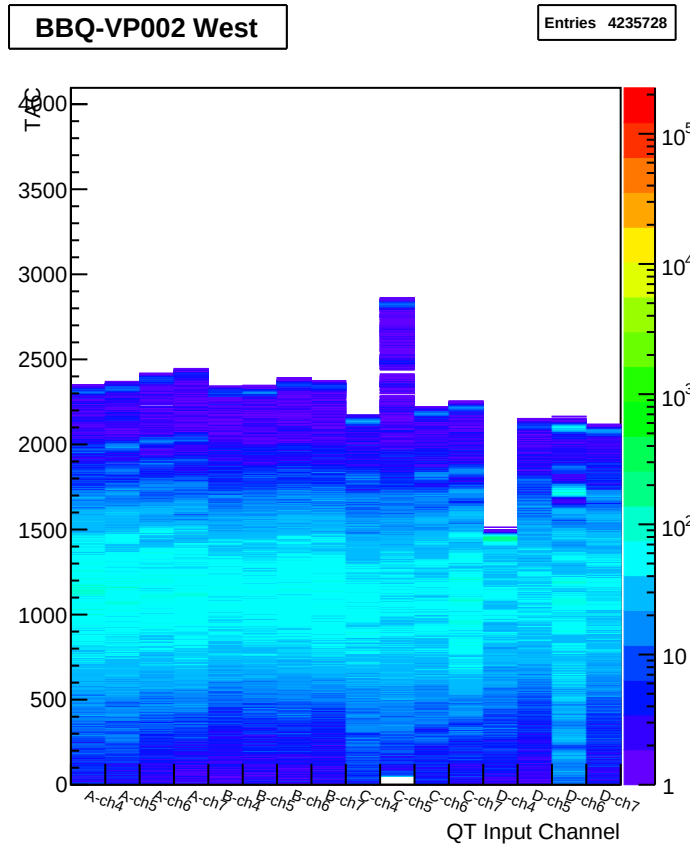

BBQ-ZD001 (ZDC TOWER)
Entries 4235728
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

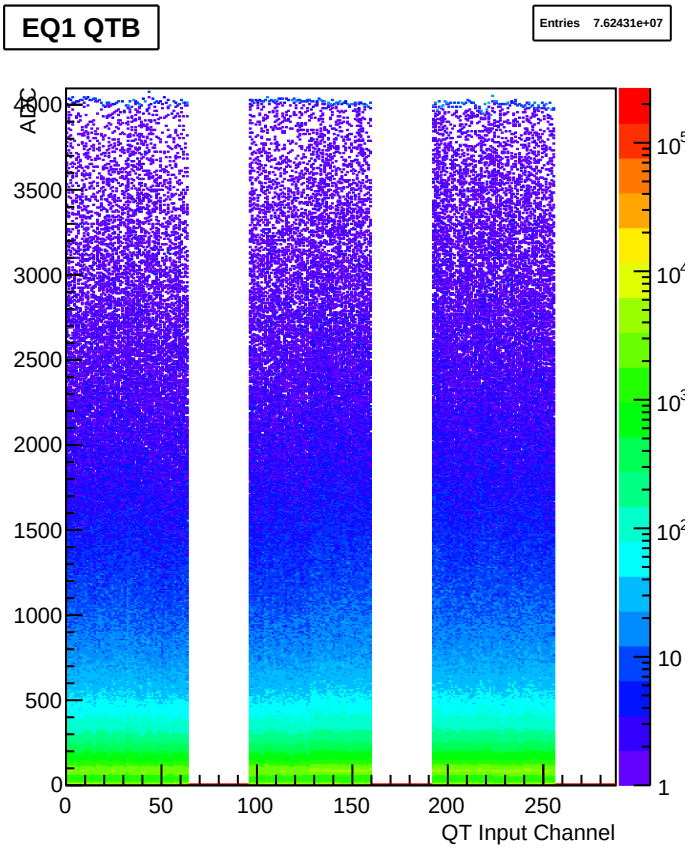

BBQ-ZD001 (ZDC TOWER)
Entries 4235728
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

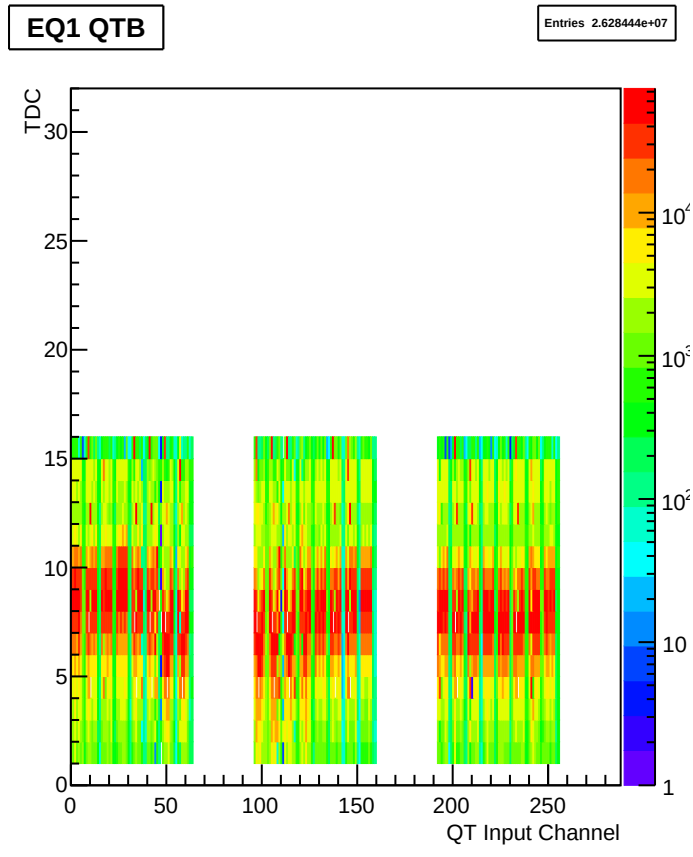

BBQ-VP001 East
Entries 4235728
ADC
QT Input Channel

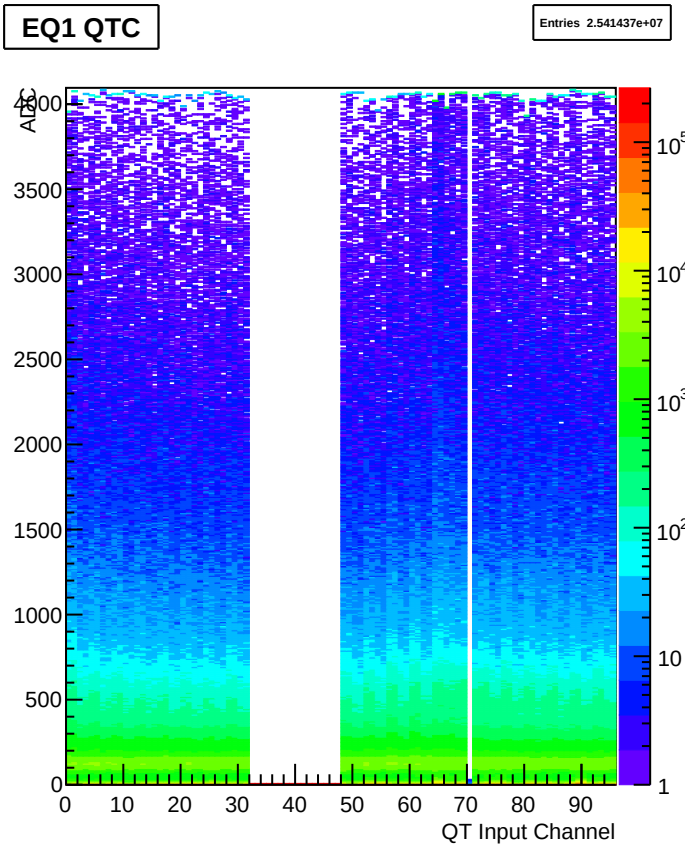

BBQ-VP001 East
Entries 4235728
TADC
QT Input Channel

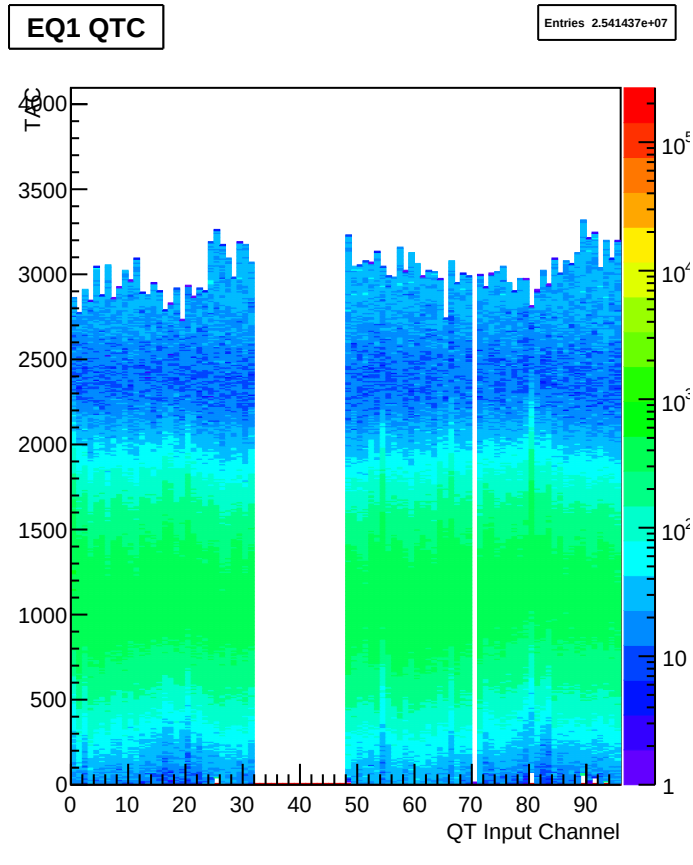

BBQ-VP002 West
Entries 4235728
ADC
QT Input Channel

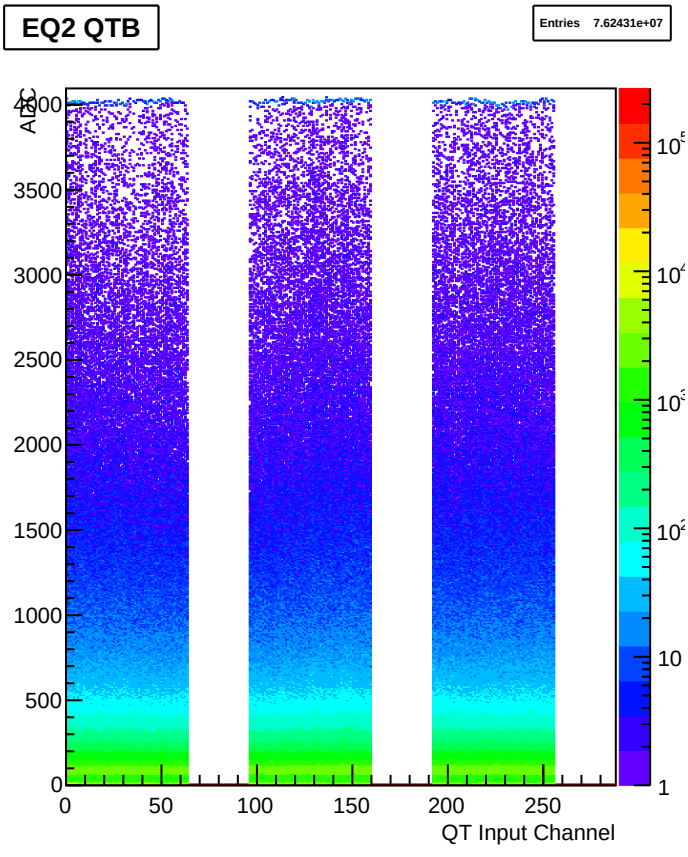

BBQ-VP002 West
Entries 4235728
TADC
QT Input Channel

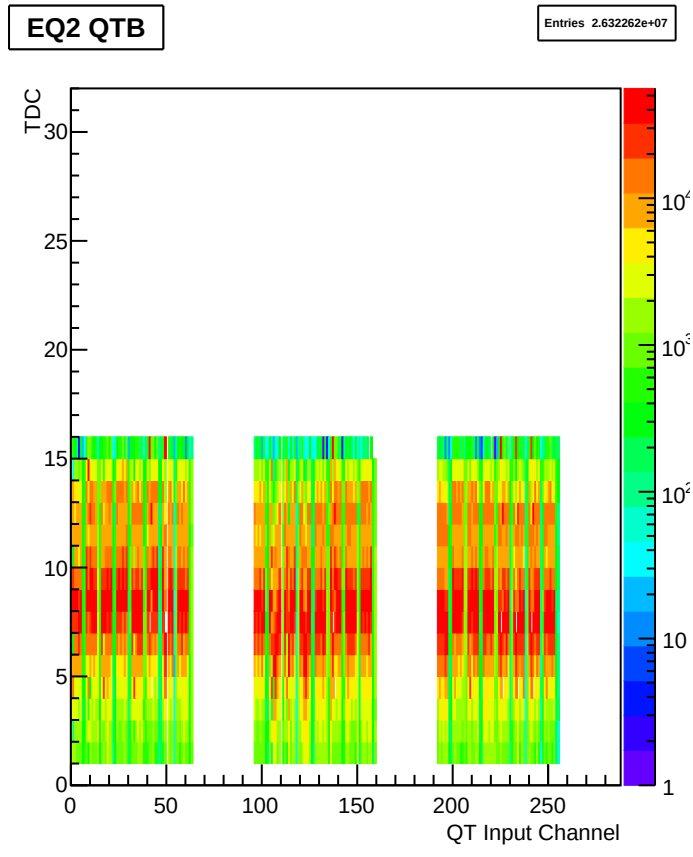

EQ1 QTB
Entries 7.62431e+07
ADC
QT Input Channel

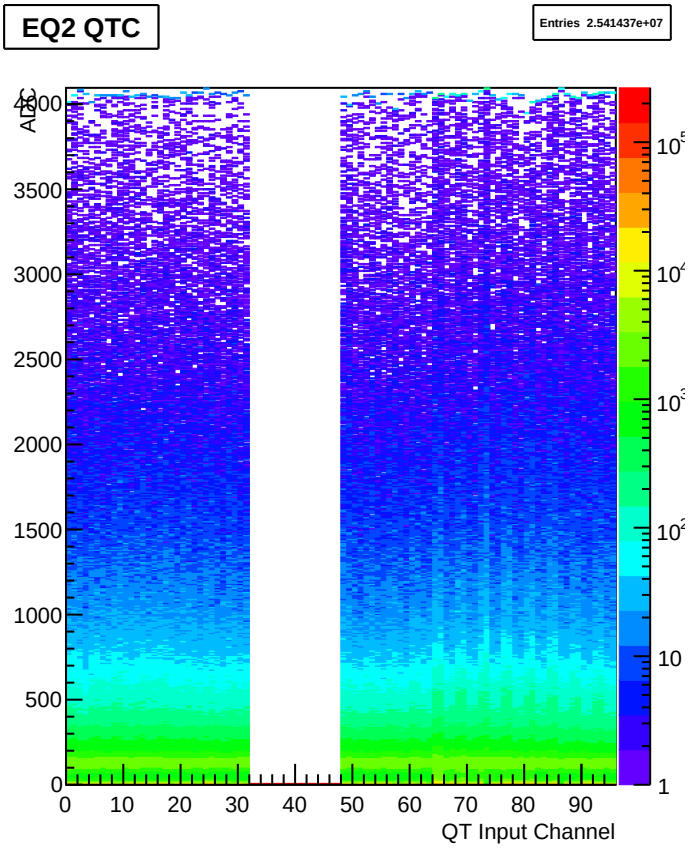

EQ1 QTB
Entries 2.628444e+07
TDC
QT Input Channel

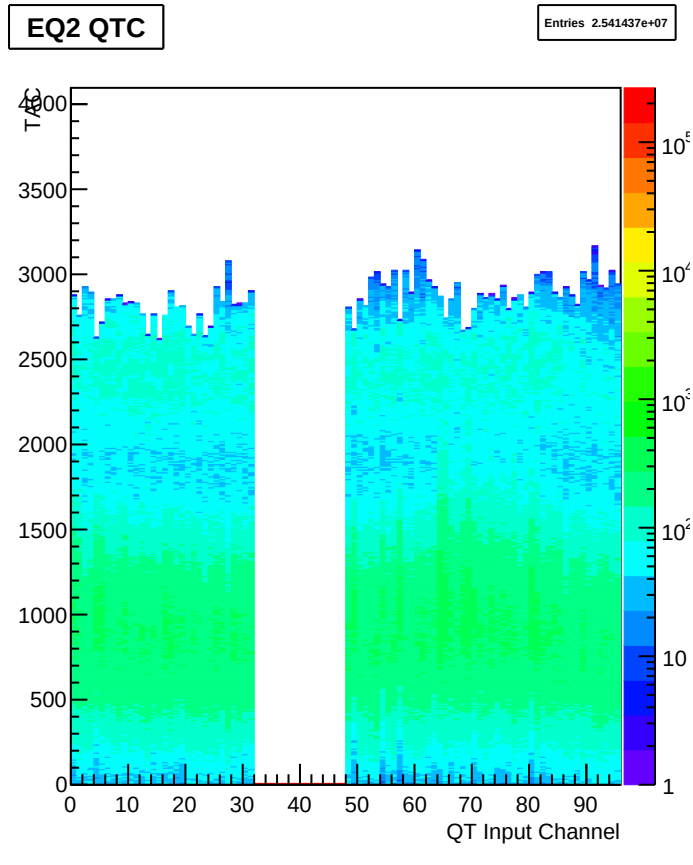

EQ1 QTC
Entries 2.541437e+07
ADC
QT Input Channel

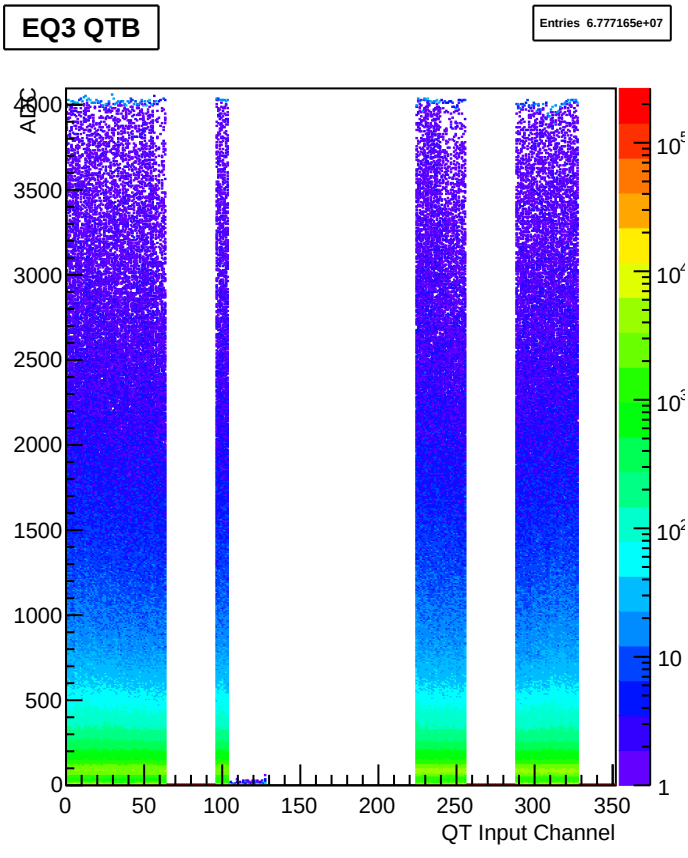

EQ1 QTC
Entries 2.541437e+07
TADC
QT Input Channel

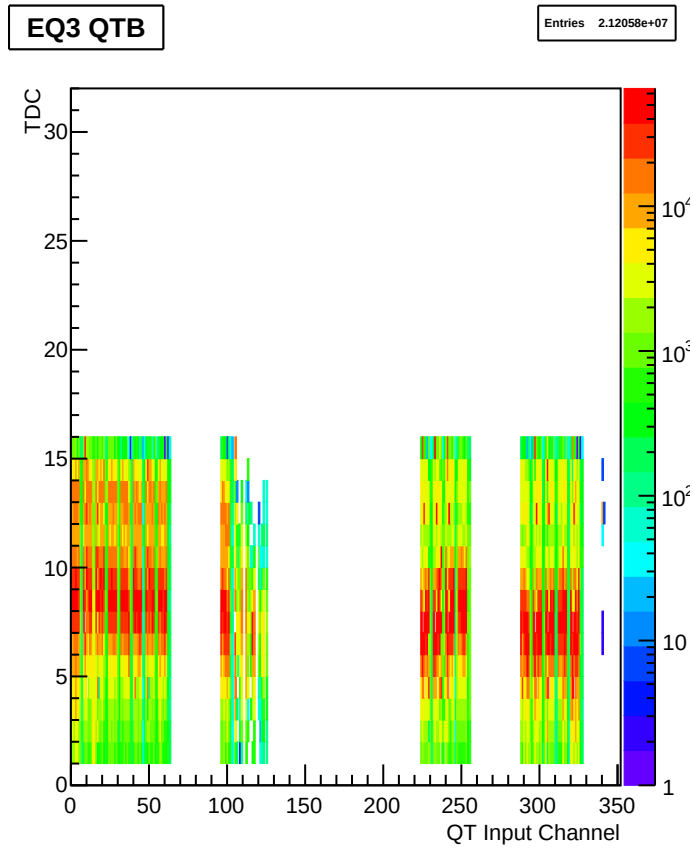

EQ2 QTB
Entries 7.62431e+07
ADC
QT Input Channel

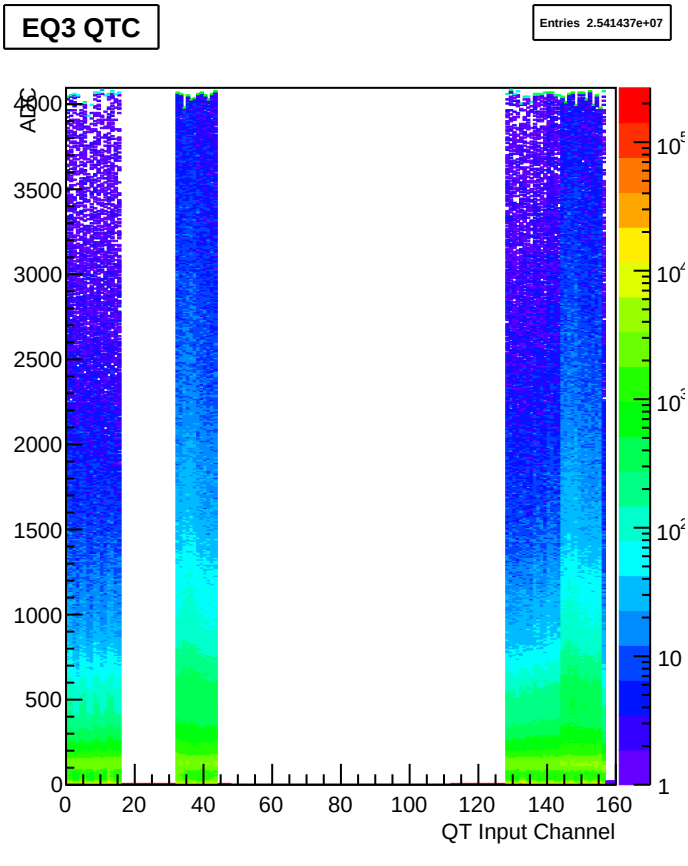

EQ2 QTB
Entries 2.632262e+07
TDC
QT Input Channel

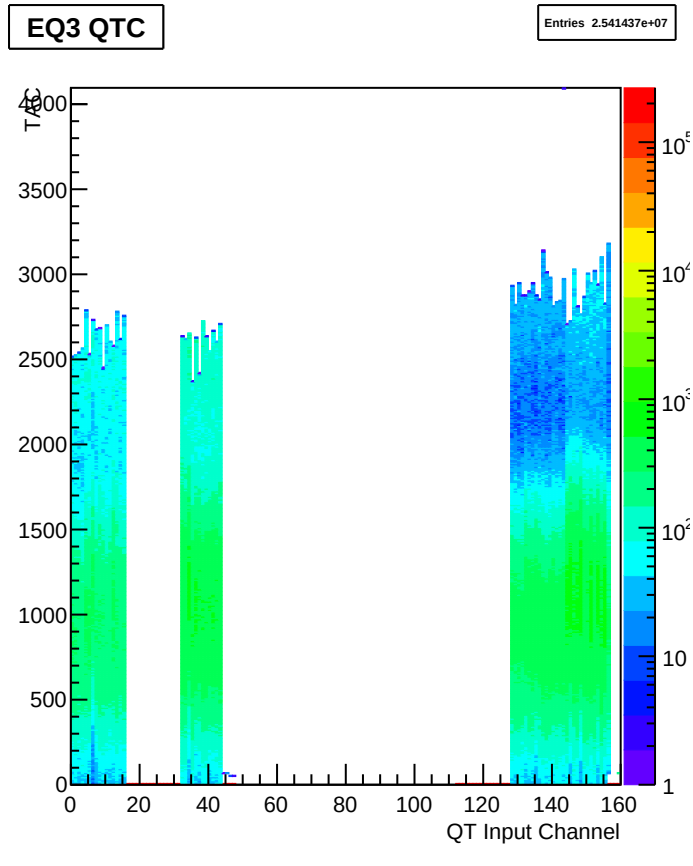

EQ2 QTC
Entries 2.541437e+07
ADC
QT Input Channel

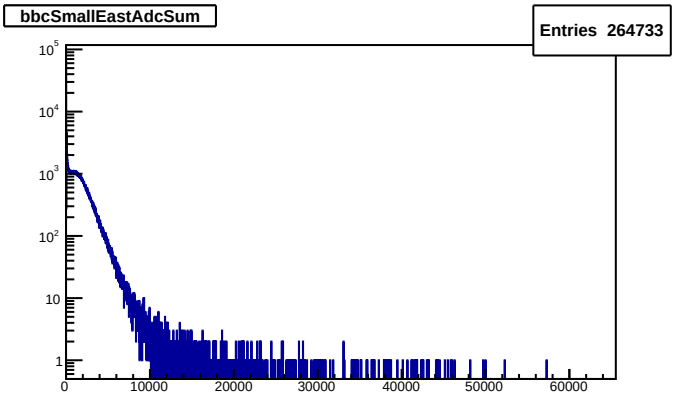

EQ2 QTC
Entries 2.541437e+07
TADC
QT Input Channel

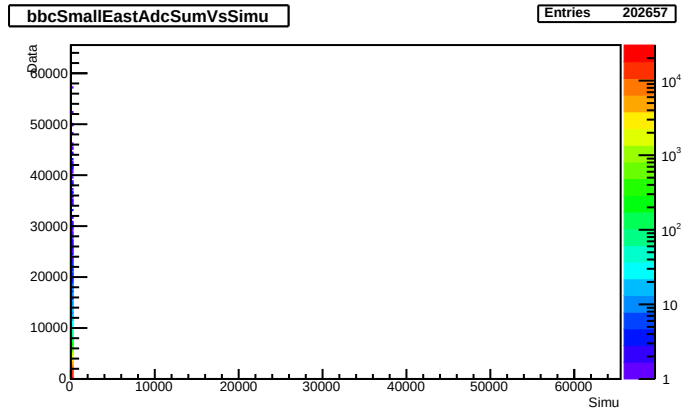

EQ3 QTB
Entries 6.777165e+07
ADC
QT Input Channel

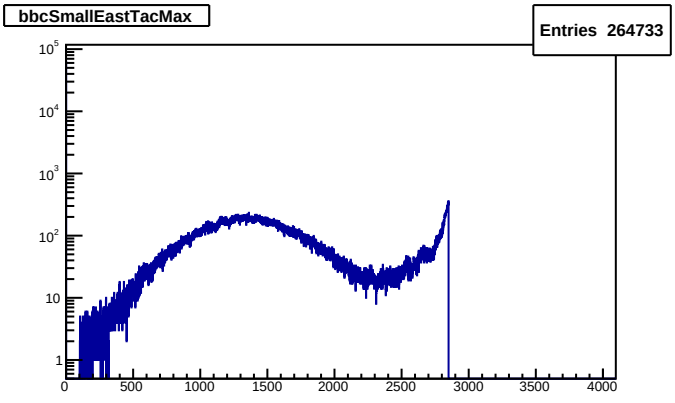

EQ3 QTB
Entries 2.12058e+07
TDC
QT Input Channel

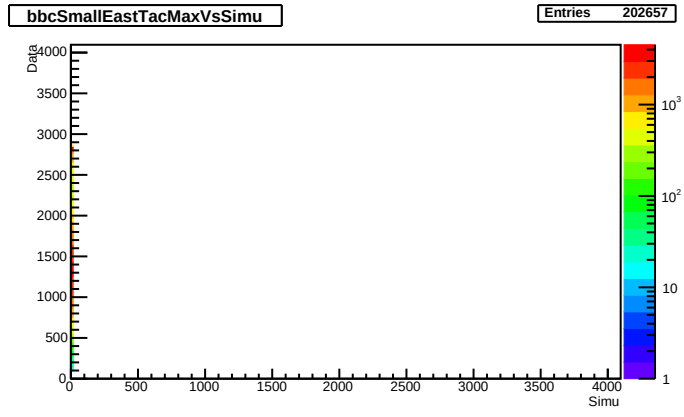

EQ3 QTC
Entries 2.541437e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.541437e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 264733


bbcSmallEastAdcSumVsSimu
Entries 202657
Data
Simu


bbcSmallEastTacMax
Entries 264733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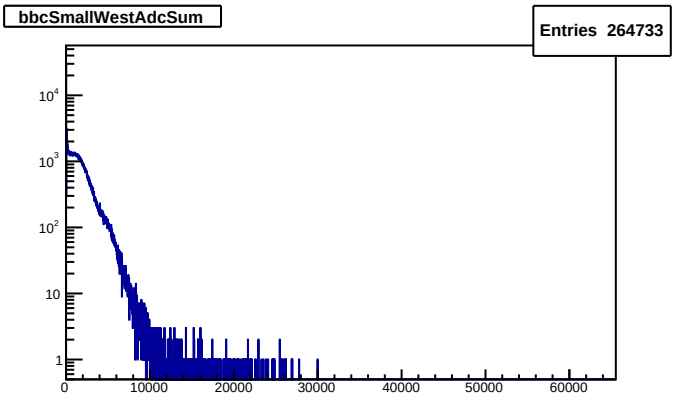
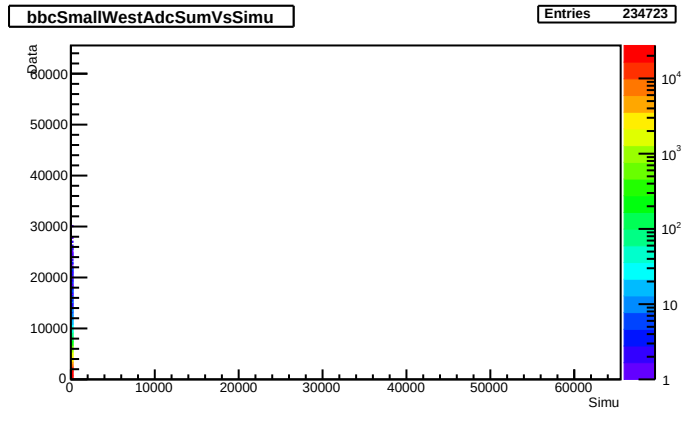
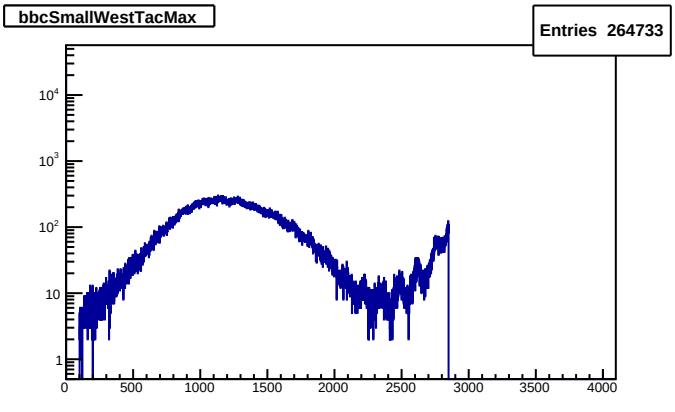
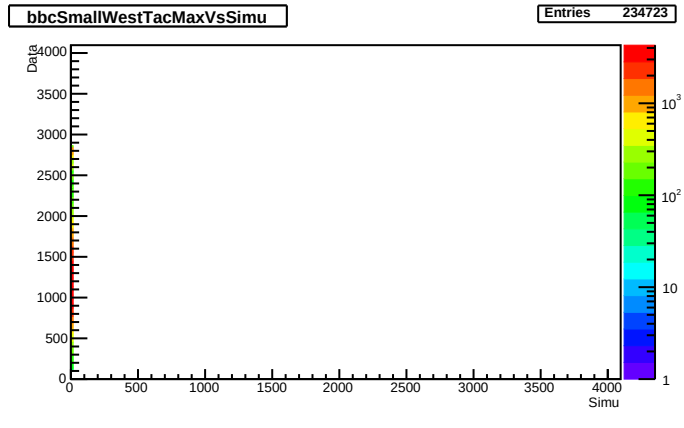
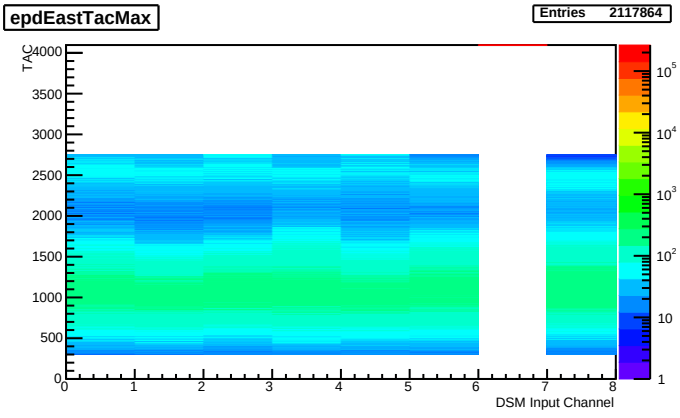
Entries 202657
Data
Simu

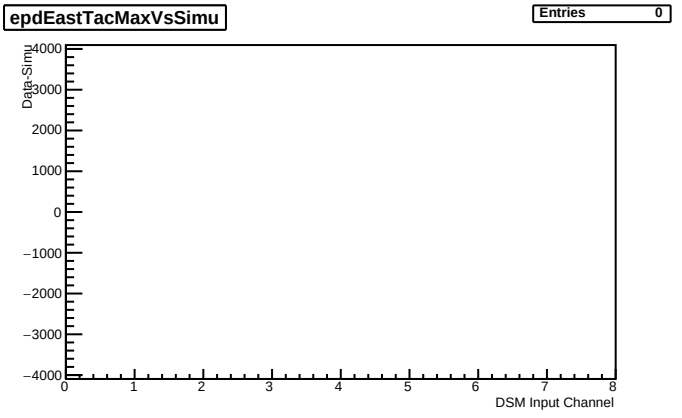

bbcSmallWestAdcSum
Entries 264733

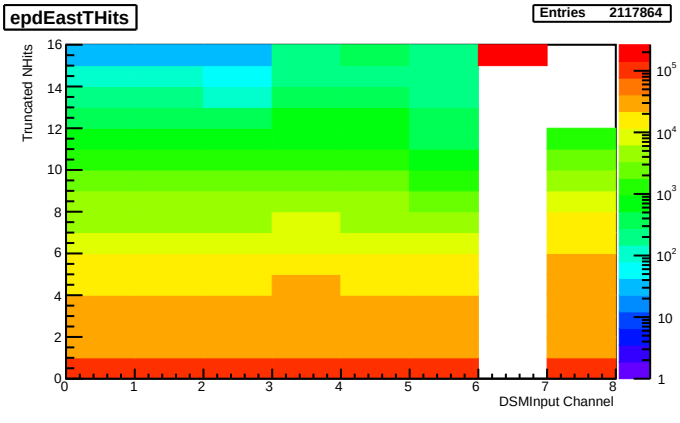

bbcSmallWestAdcSumVsSimu
Entries 234723
Data
Simu

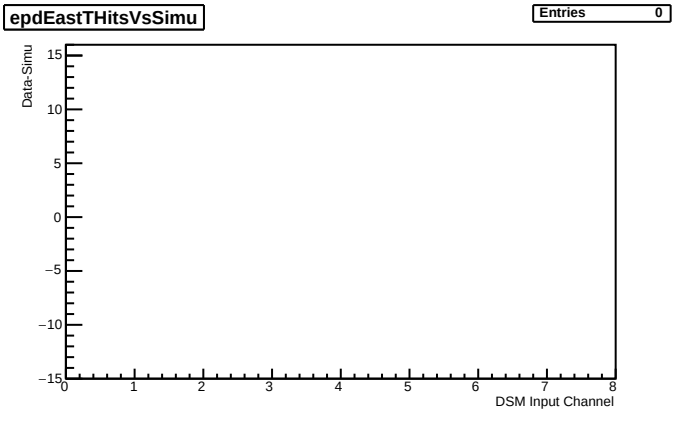

bbcSmallWestTacMax
Entries 264733


bbcSmallWestTacMaxVsSimu
Entries 234723
Data
Simu


epdEastTacMax
Entries 2117864
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2117864
Truncated NHits
DSMInput Channel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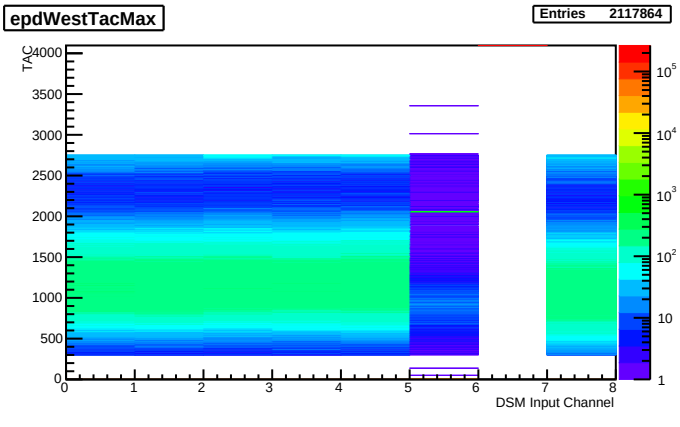
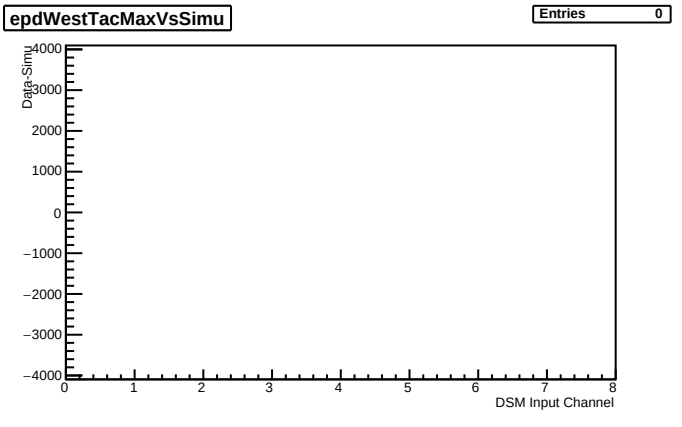
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2117864
TAC
DSM Input Channel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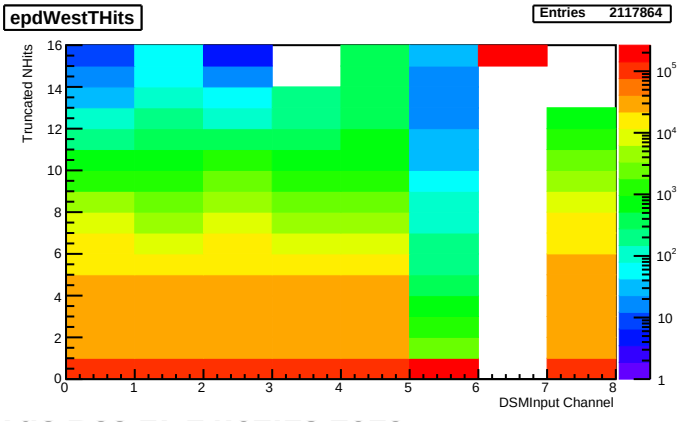
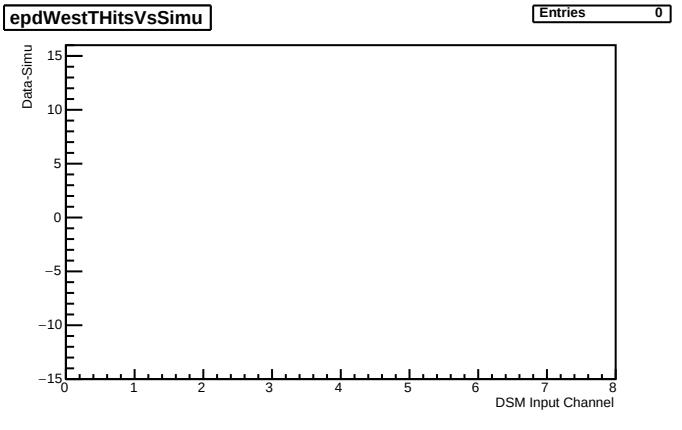
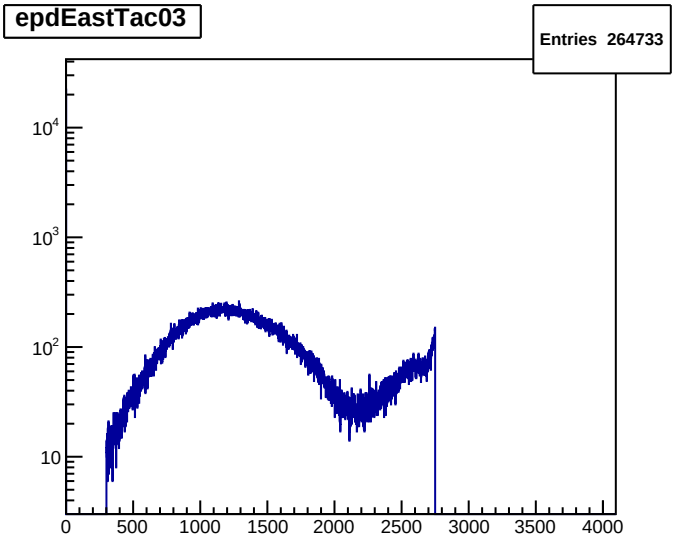
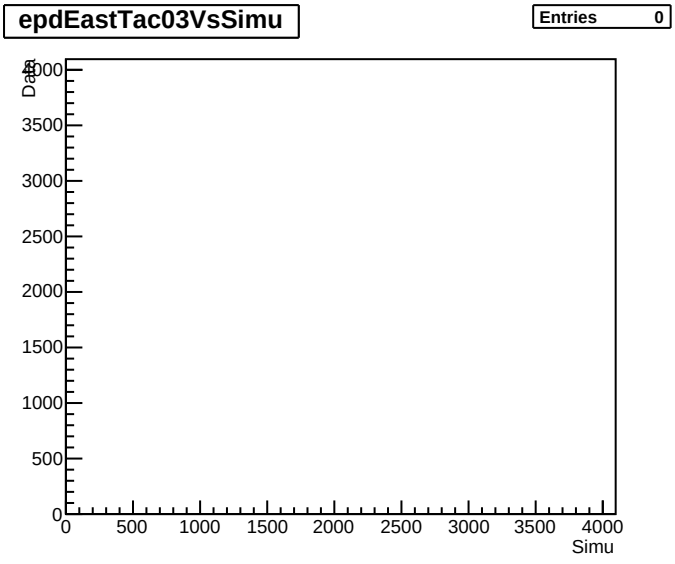
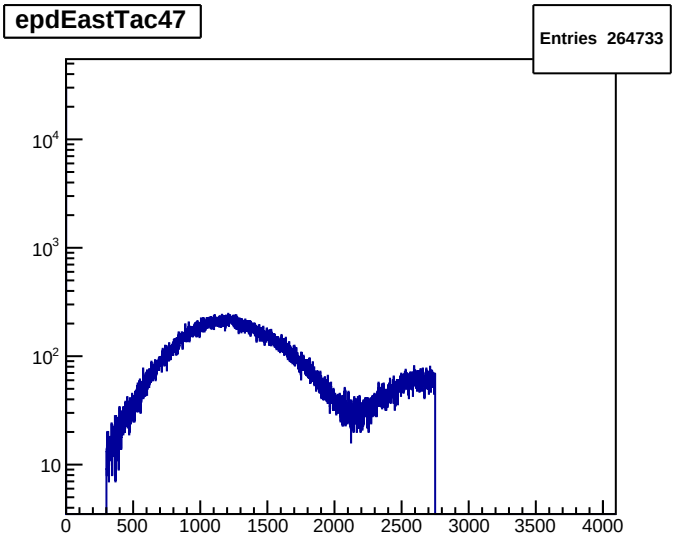
Entries 0
Data-Simu
DSM Input Channel

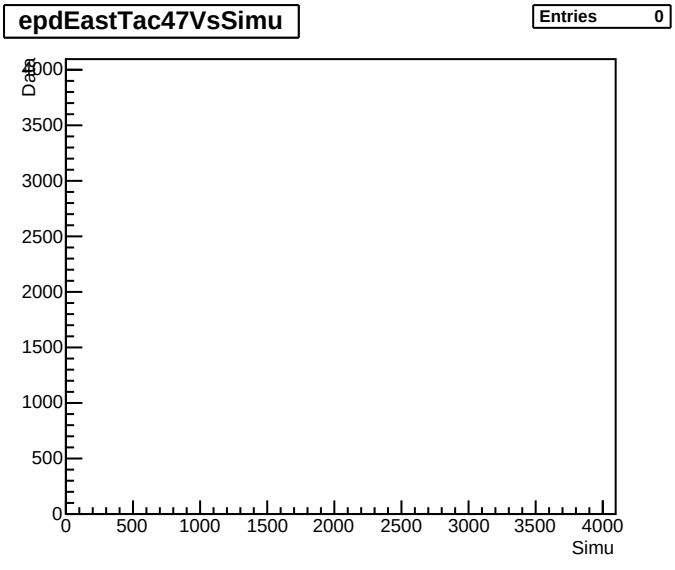

epdWestTHits
Entries 2117864
Truncated NHits
DSMInput Channel

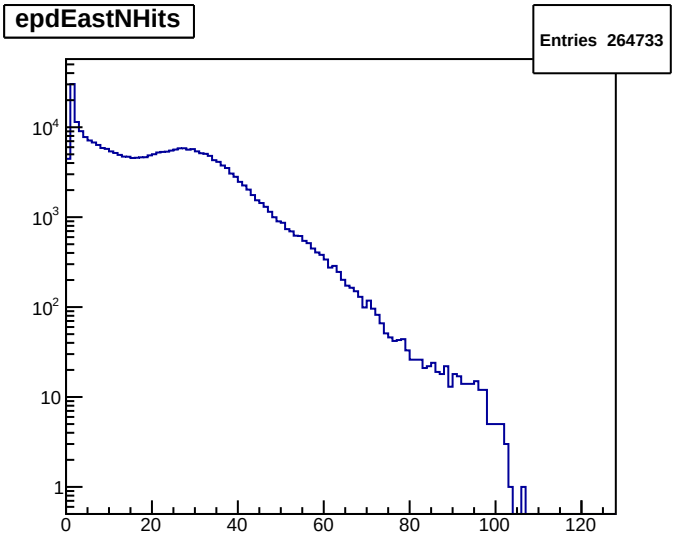

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

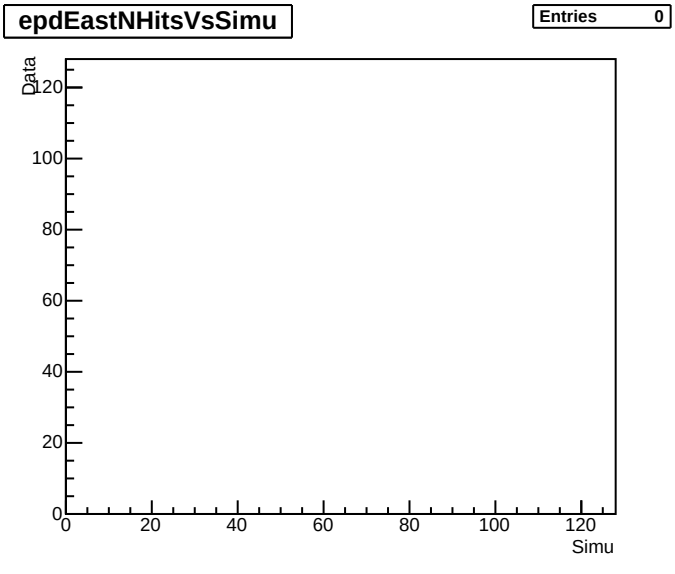

epdEastTac03
Entries 264733


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 264733


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 264733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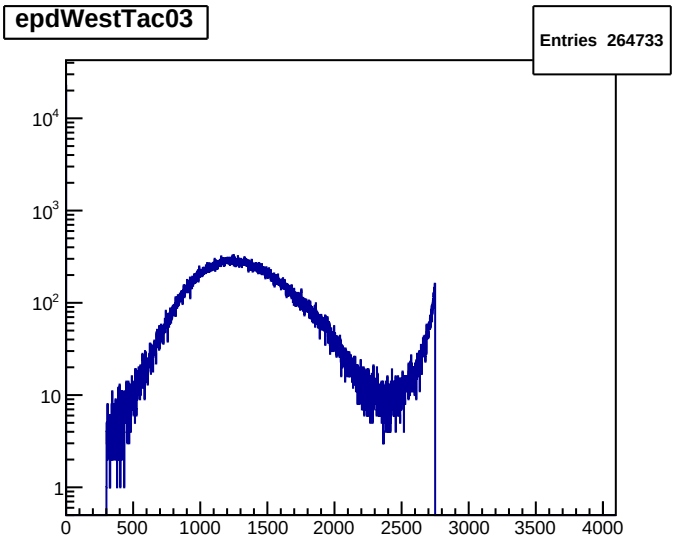
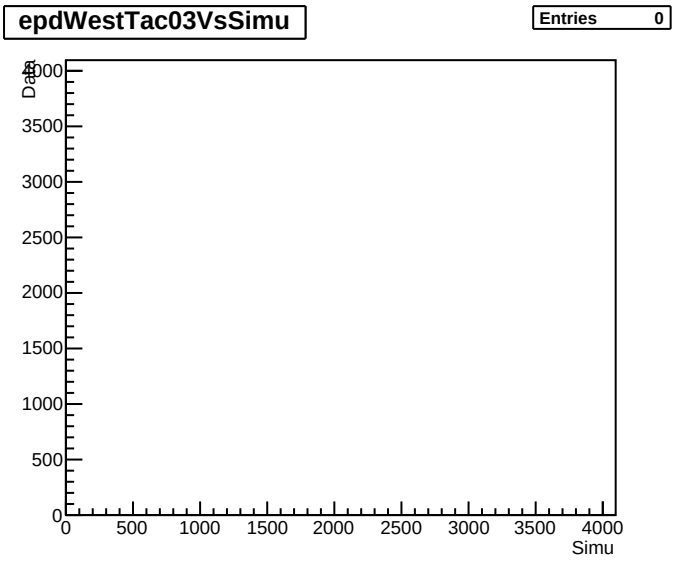
Entries 0
Data
Simu


epdWestTac03
Entries 264733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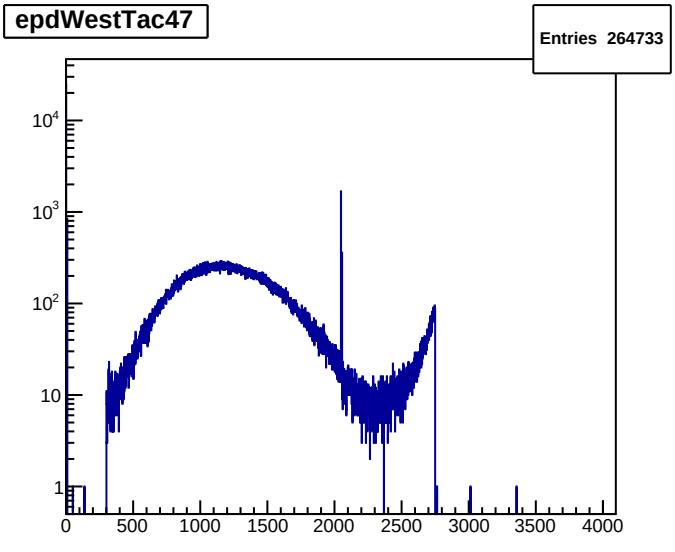
Entries 0
Data
Simu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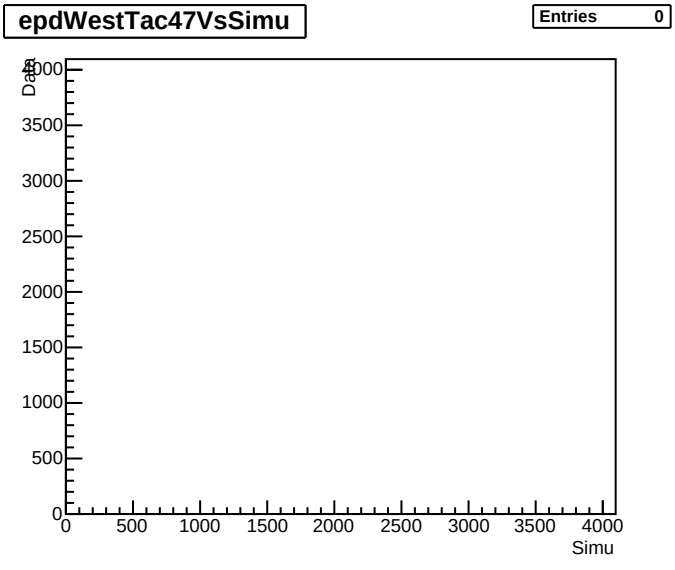
Entries 264733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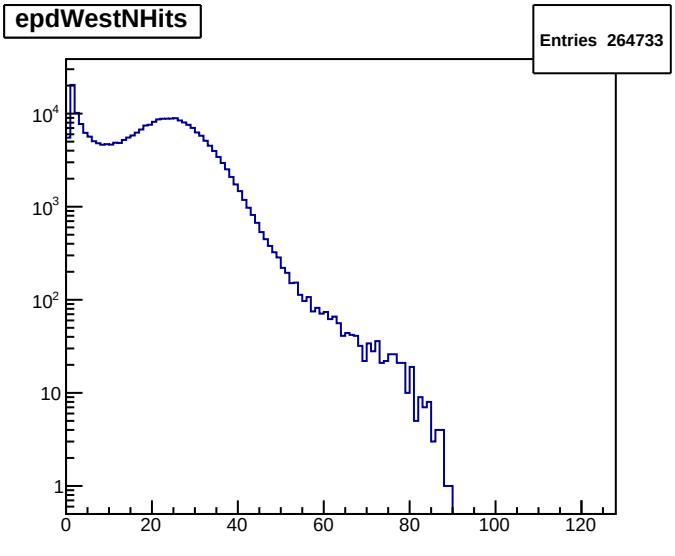
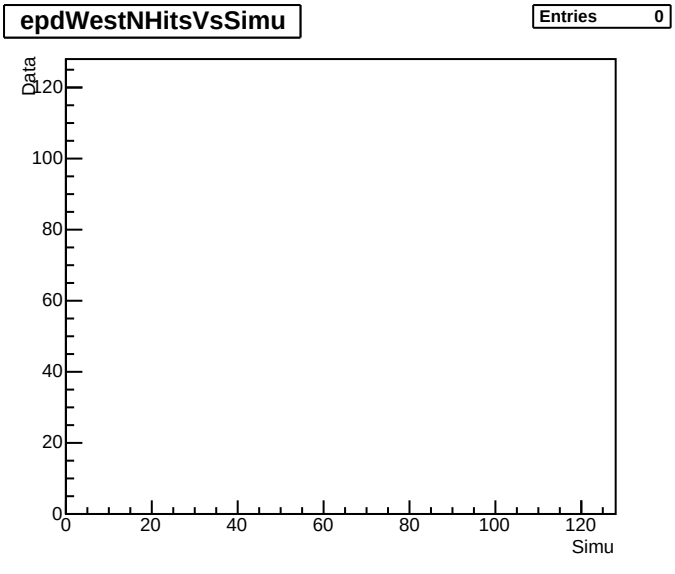
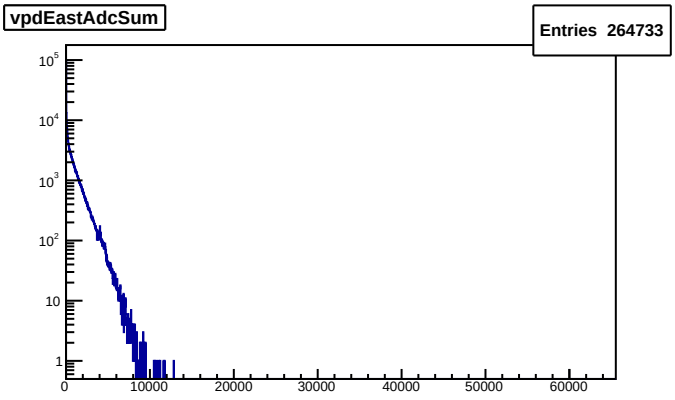
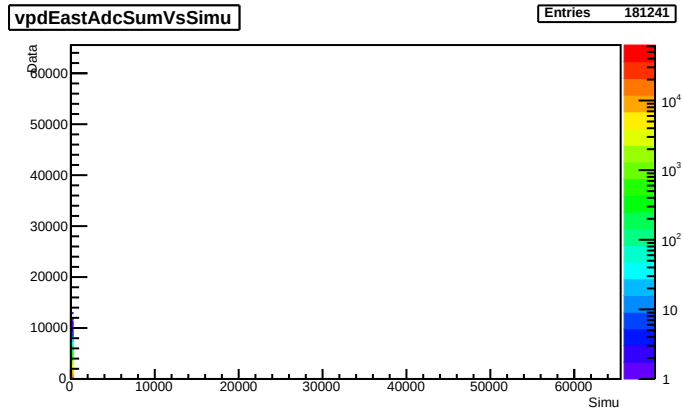
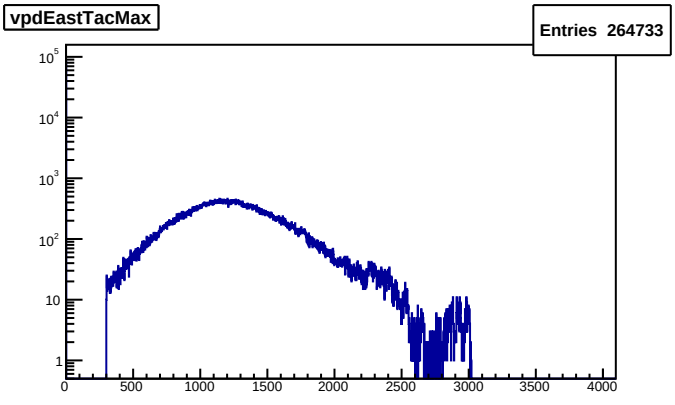
Entries 0
Data
Simu

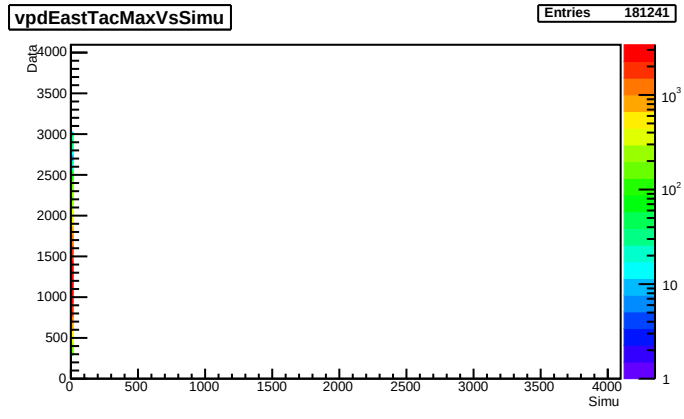

epdWestNHits
Entries 264733

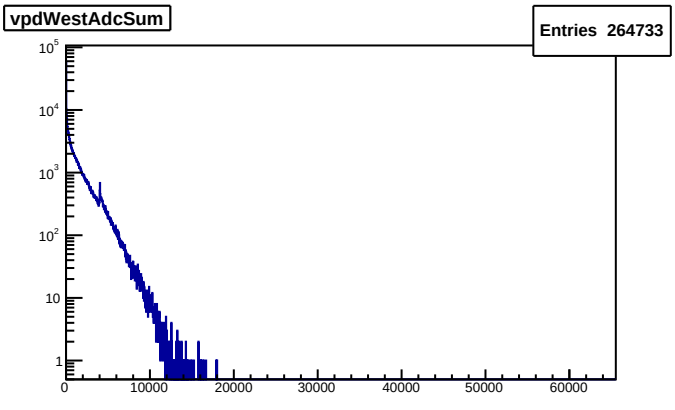

epdWestNHitsVsSimu
Entries 0
Data
Simu

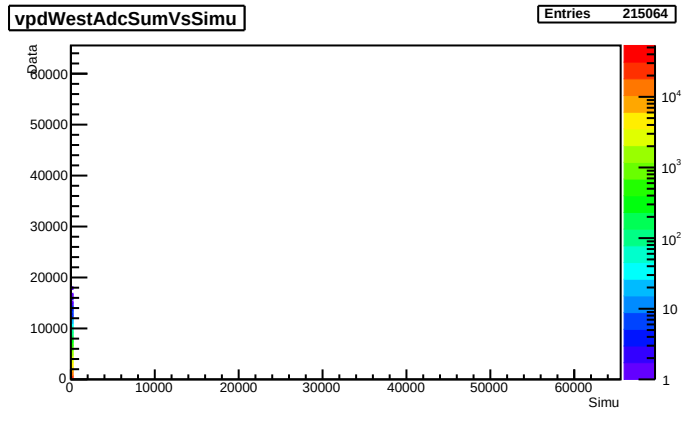

vpdEastAdcSum
Entries 264733

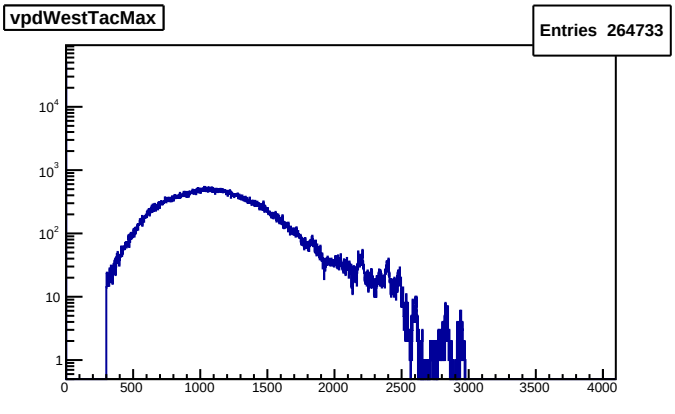

vpdEastAdcSumVsSimu
Entries 181241
Data
Simu

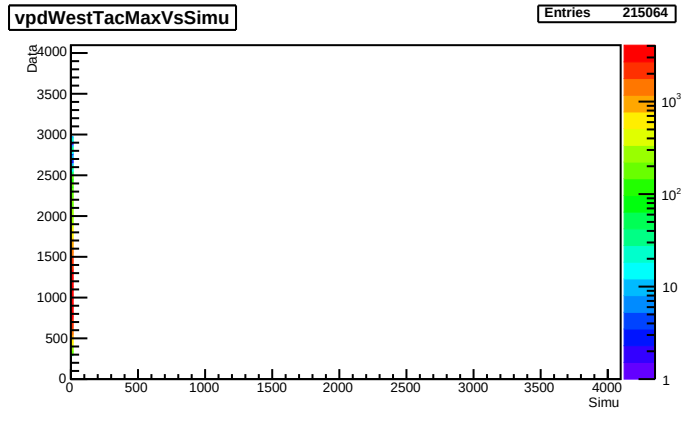

vpdEastTacMax
Entries 264733

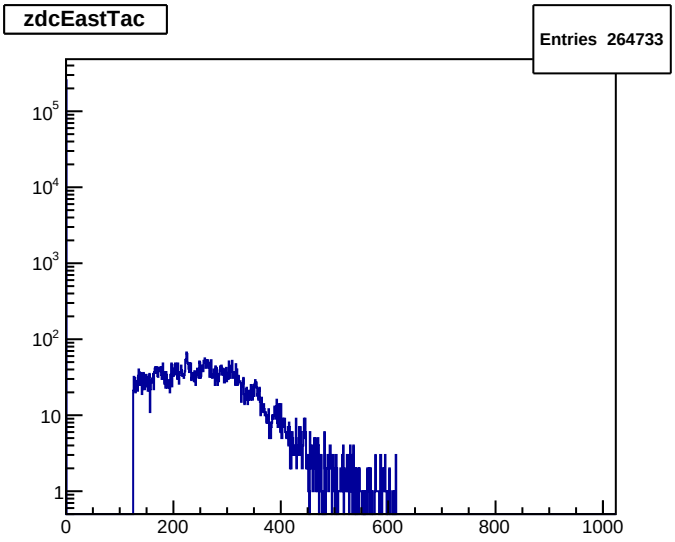

vpdEastTacMaxVsSimu
Entries 181241
Data
Simu

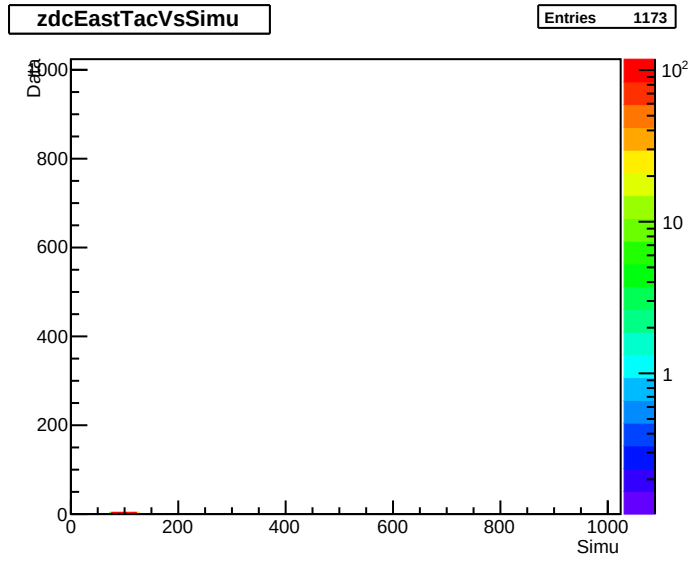

vpdWestAdcSum
Entries 264733

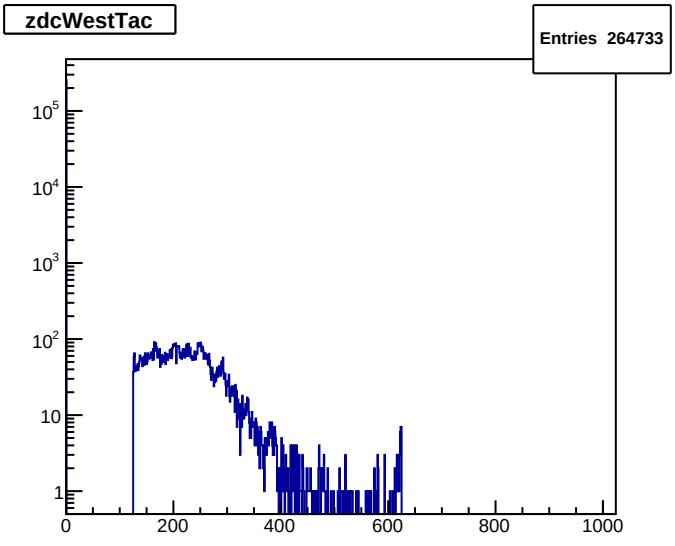

vpdWestAdcSumVsSimu
Entries 215064
Data
Simu

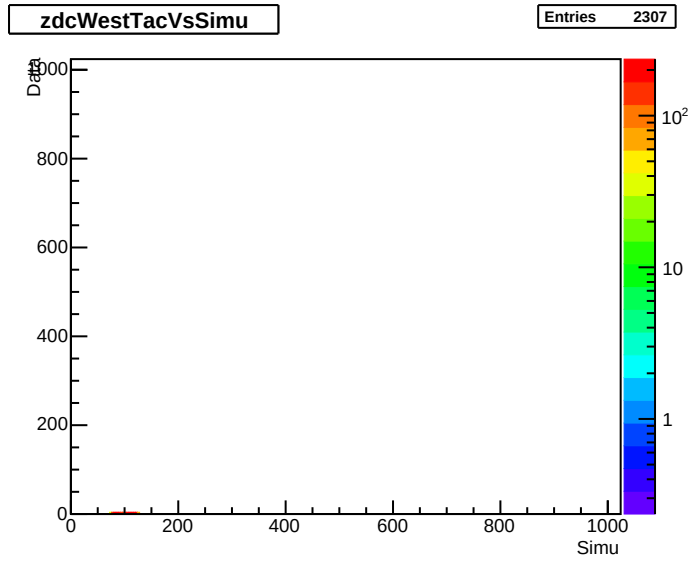

vpdWestTacMax
Entries 264733

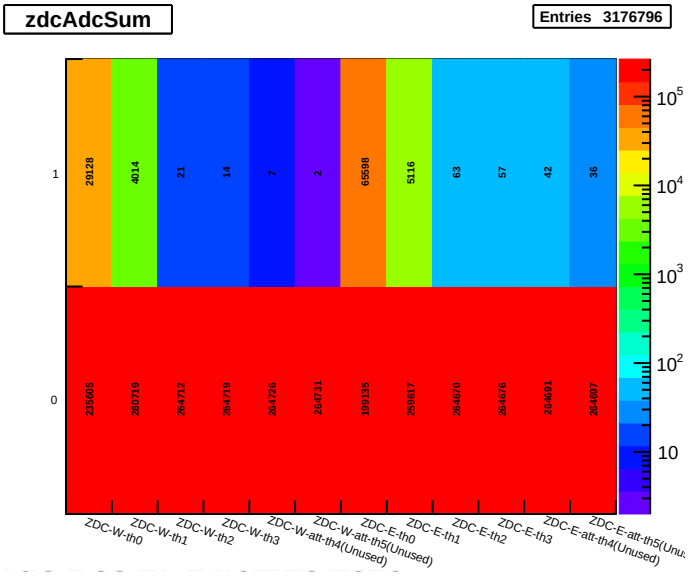

vpdWestTacMaxVsSimu
Entries 215064
Data
Simu

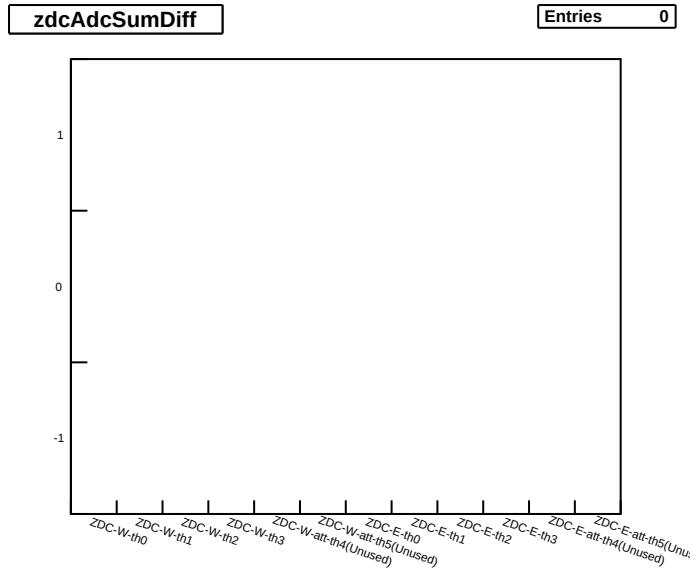

zdcEastTac
Entries 264733

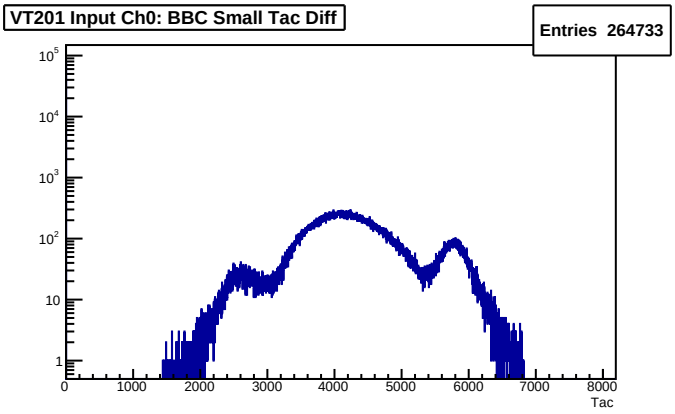

zdcEastTacVsSimu
Entries 1173
Data
Simu

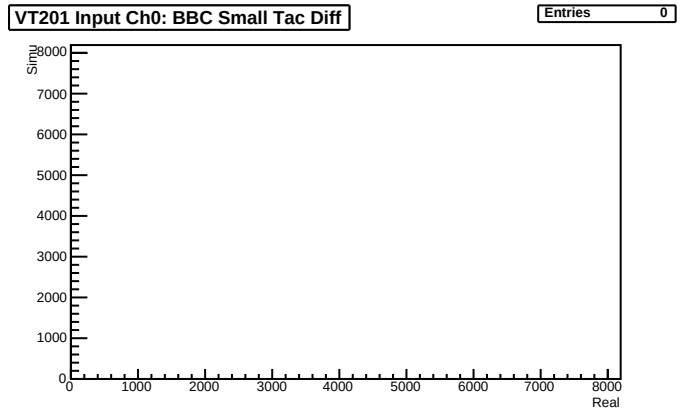

zdcWestTac
Entries 264733

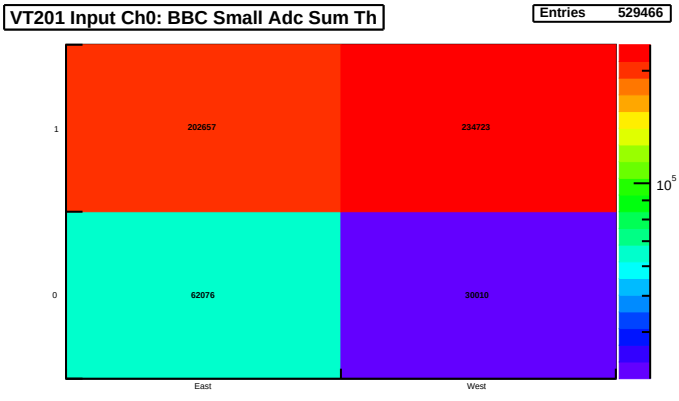

zdcWestTacVsSimu
Entries 2307
Data
Simu

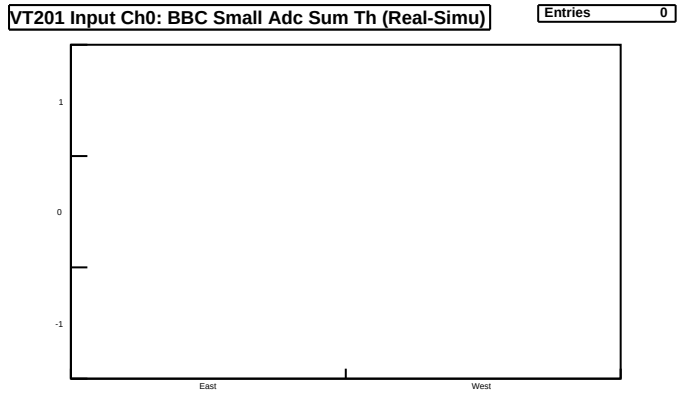

zdcAdcSum
Entries 3176796
29128
4014
21
14
7
2
65598
5116
63
57
42
36
235605
260719
264712
264719
264726
264731
199135
259617
264670
264676
264691
264697
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

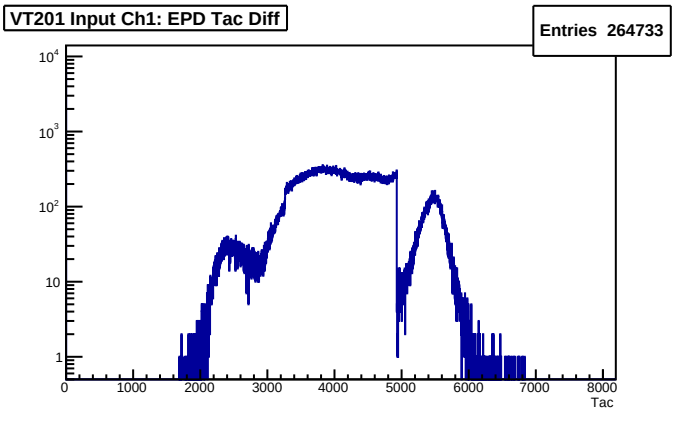

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

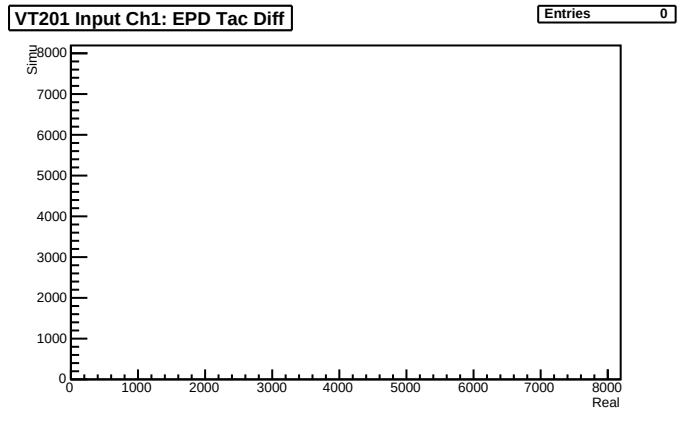

VT201 Input Ch0: BBC Small Tac Diff
Entries 264733
Tac

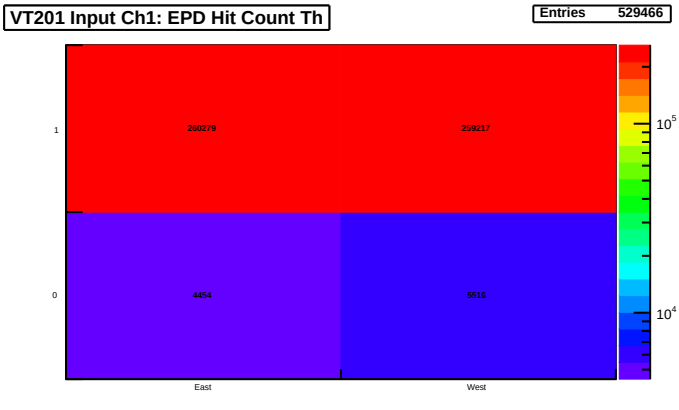

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

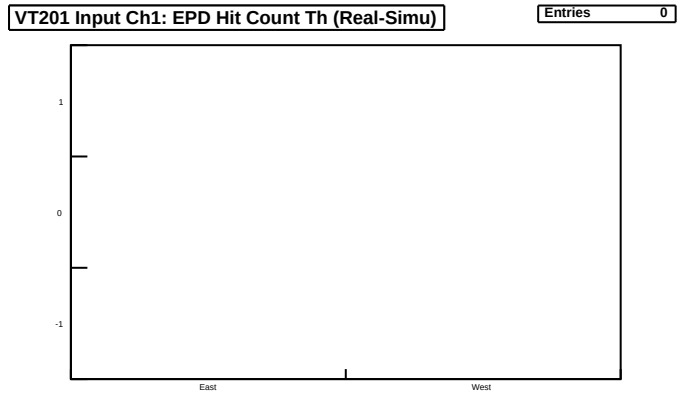

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 529466
202657
234723
62076
30010
East
West

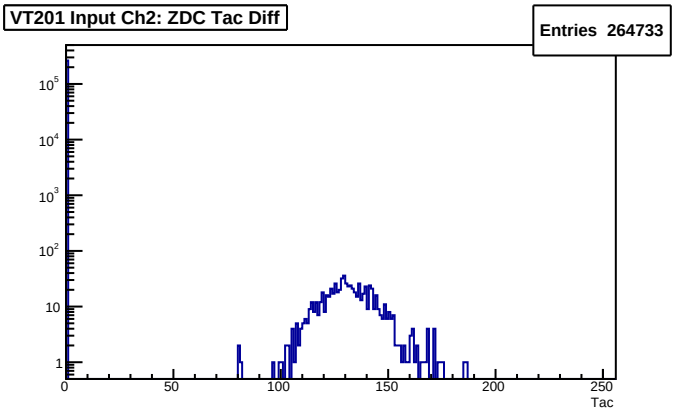

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

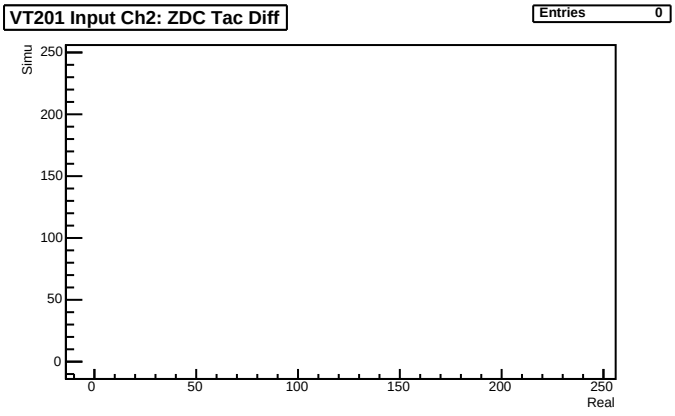

VT201 Input Ch1: EPD Tac Diff
Entries 264733
Tac

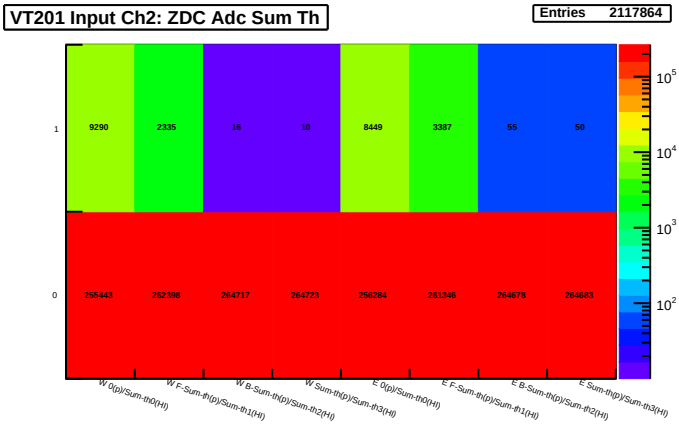

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

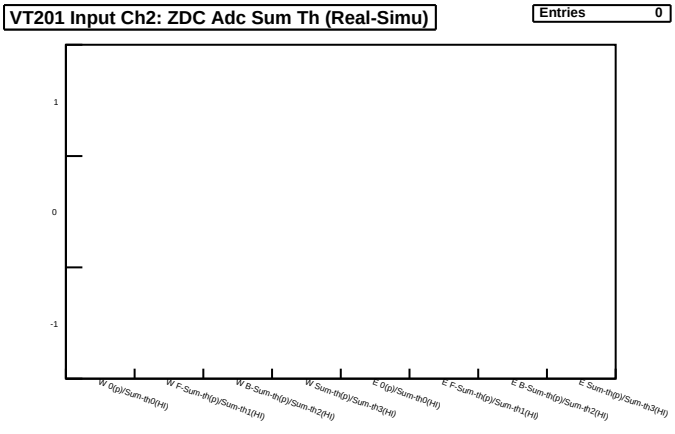

VT201 Input Ch1: EPD Hit Count Th
Entries 529466
260279
259217
4454
5516
East
West

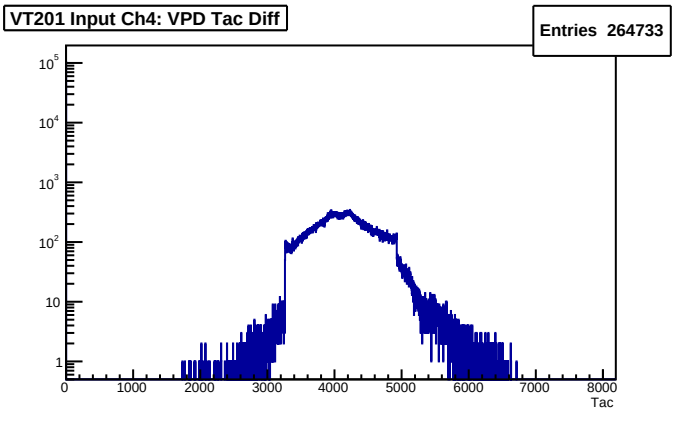

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

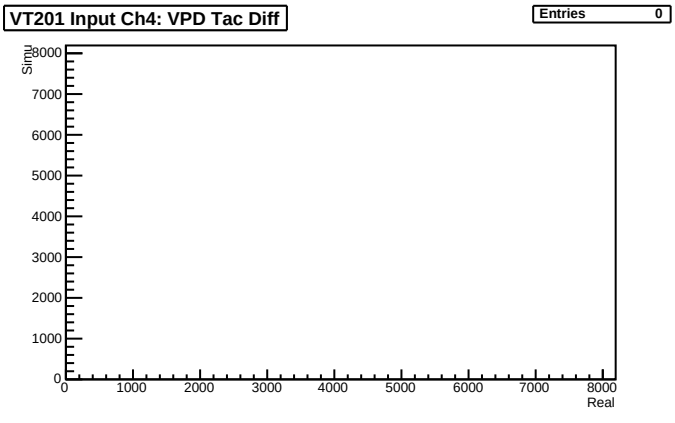

VT201 Input Ch2: ZDC Tac Diff
Entries 264733
Tac

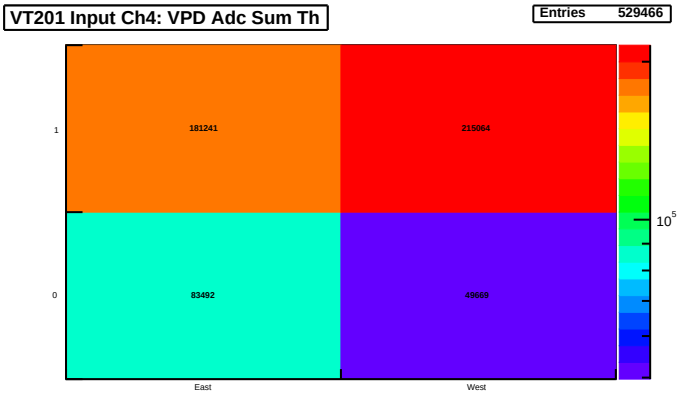

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

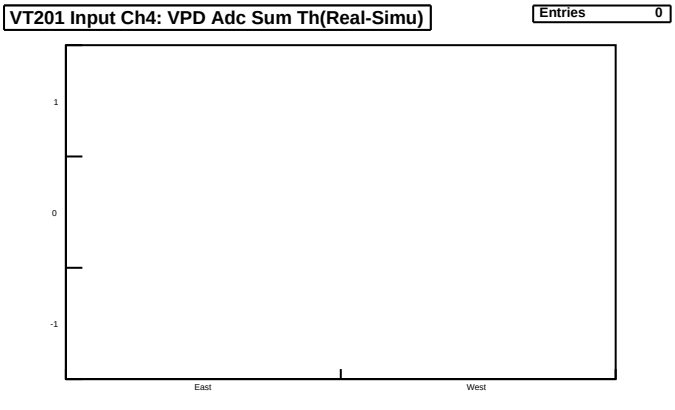

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2117864
9290
2335
16
10
8449
3387
55
50
255443
262398
264717
264723
256284
261346
264678
264683
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

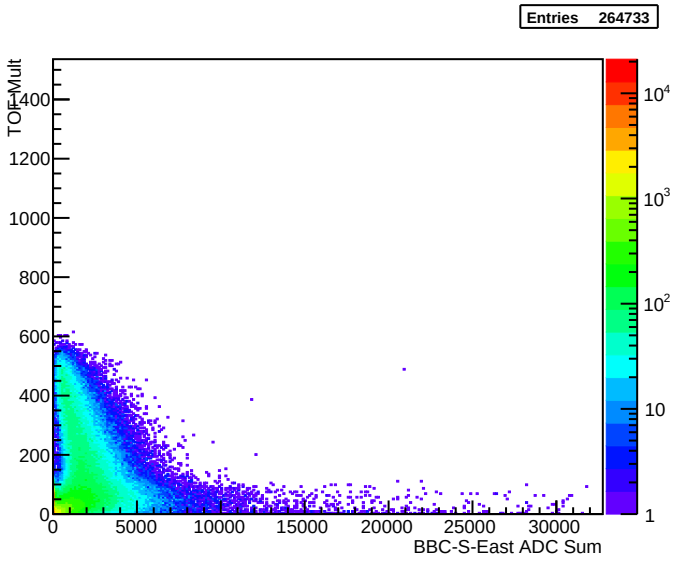

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

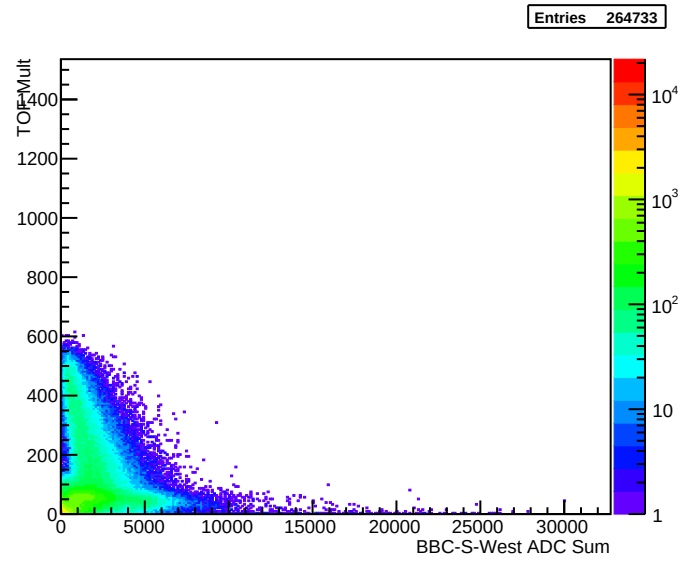

VT201 Input Ch4: VPD Tac Diff
Entries 264733
Tac

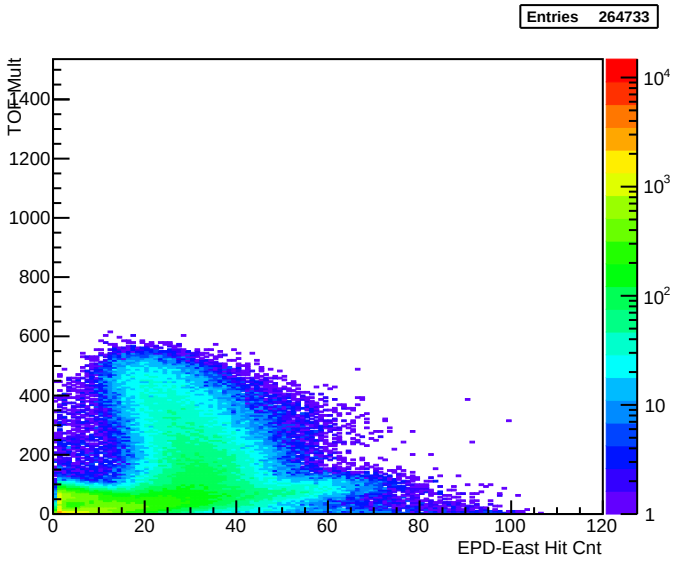

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

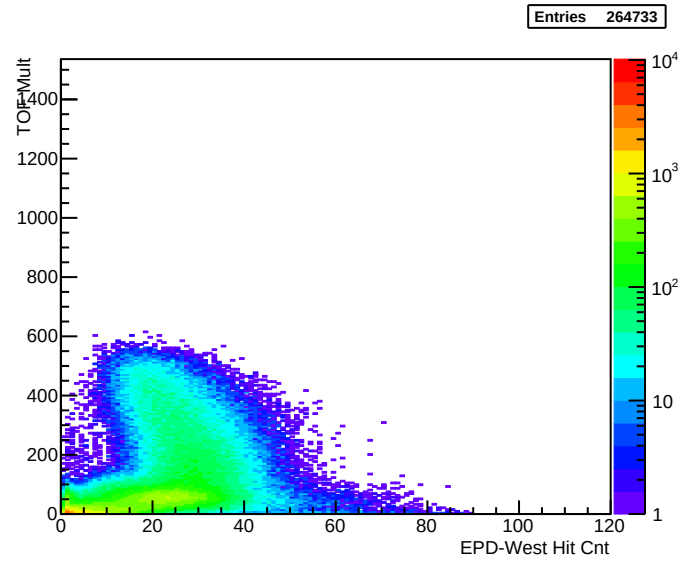

VT201 Input Ch4: VPD Adc Sum Th
Entries 529466
181241
215064
83492
49669
East
West

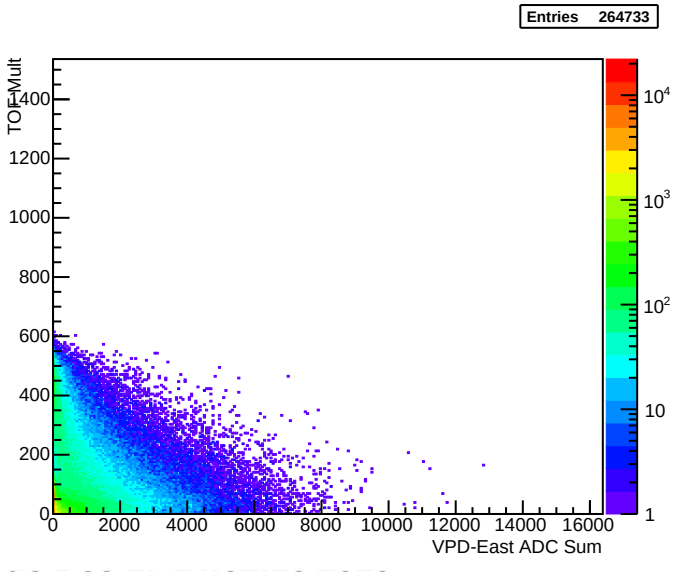

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

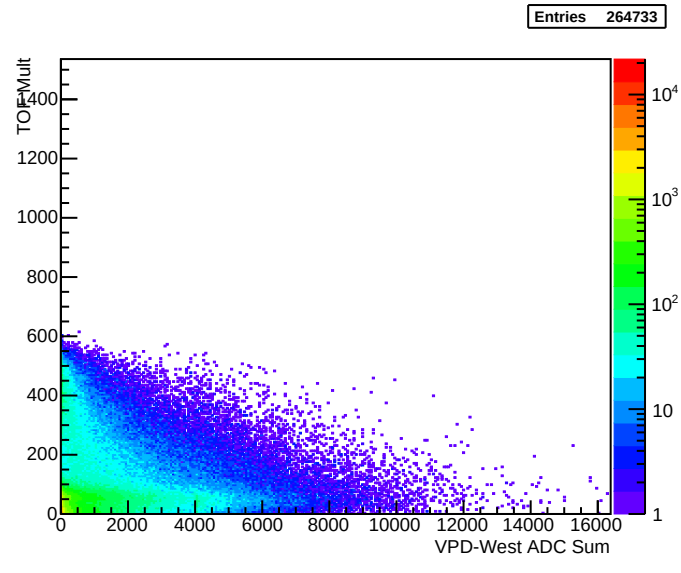

Entries 264733
TOF-Mult
BBC-S-East ADC Sum

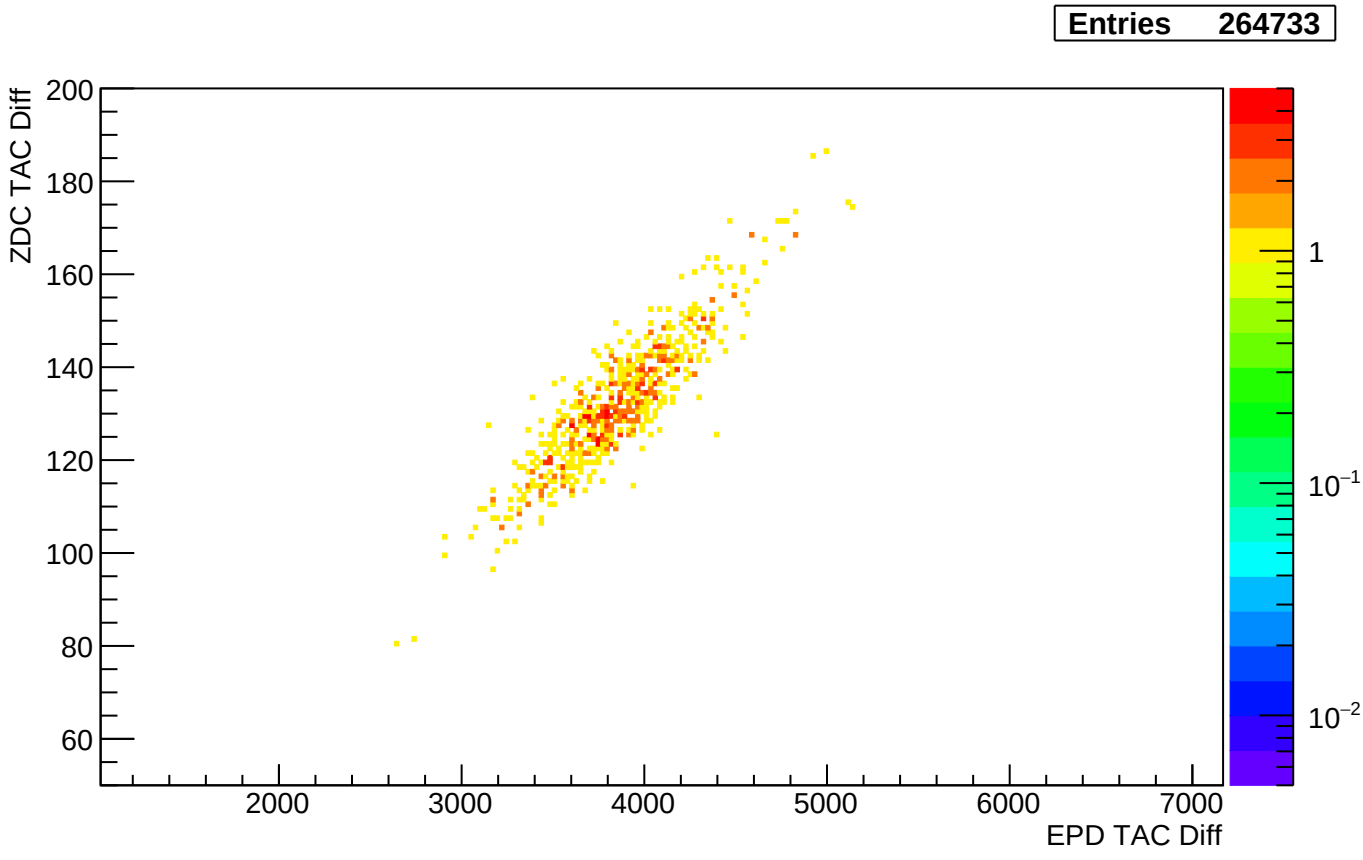

Entries 264733
TOF-Mult
BBC-S-West ADC Sum

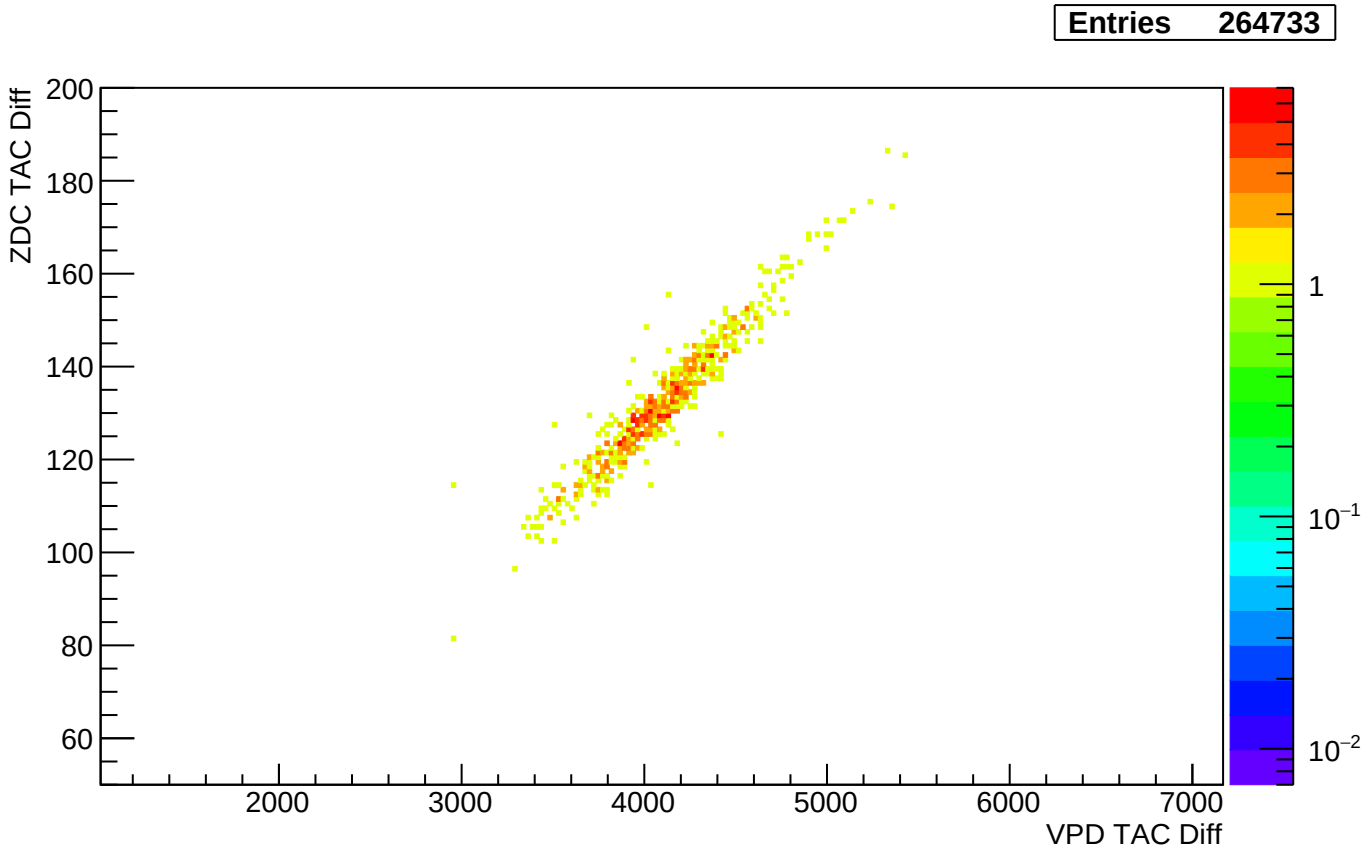

Entries 264733
TOF-Mult
EPD-East Hit Cnt

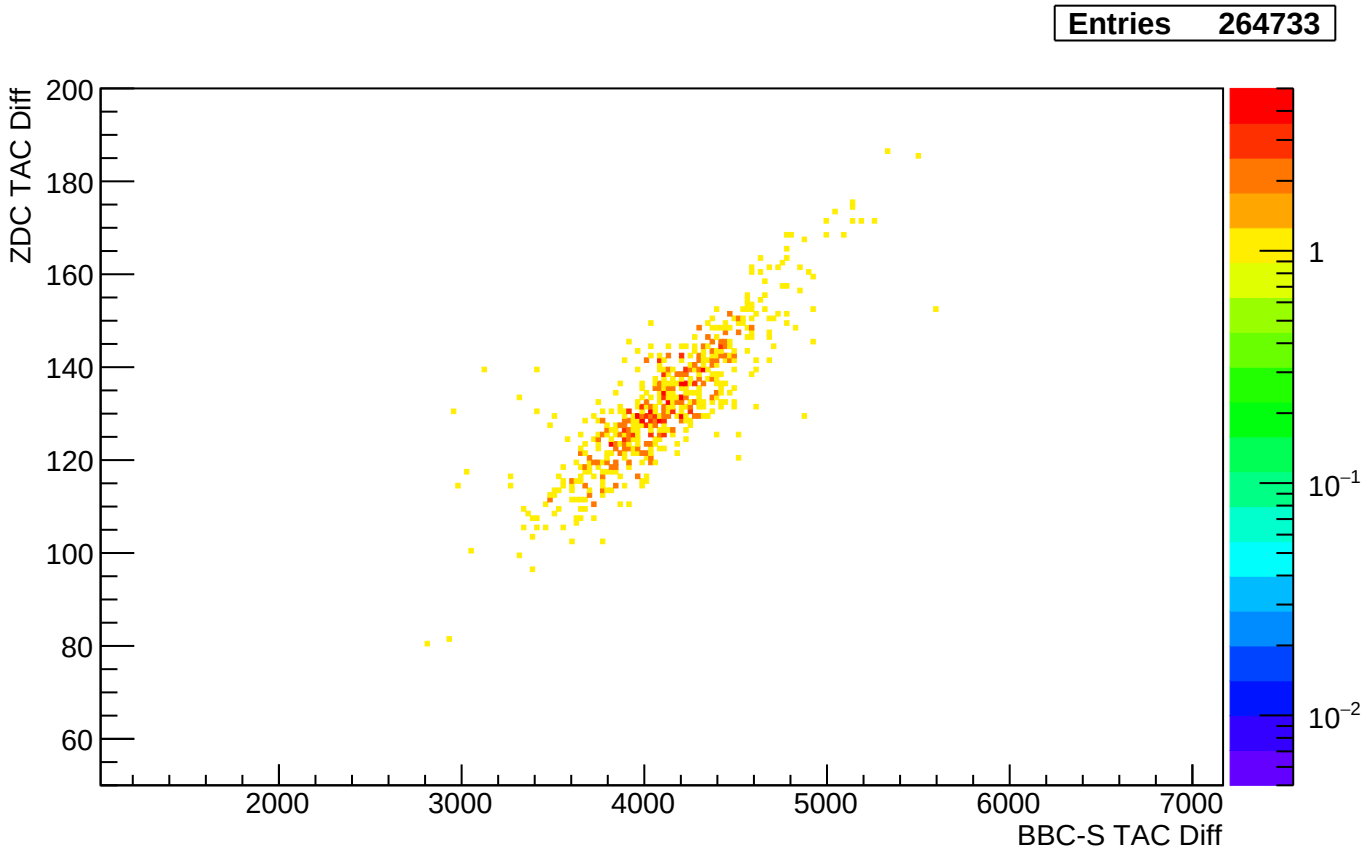

Entries 264733
TOF-Mult
EPD-West Hit Cnt

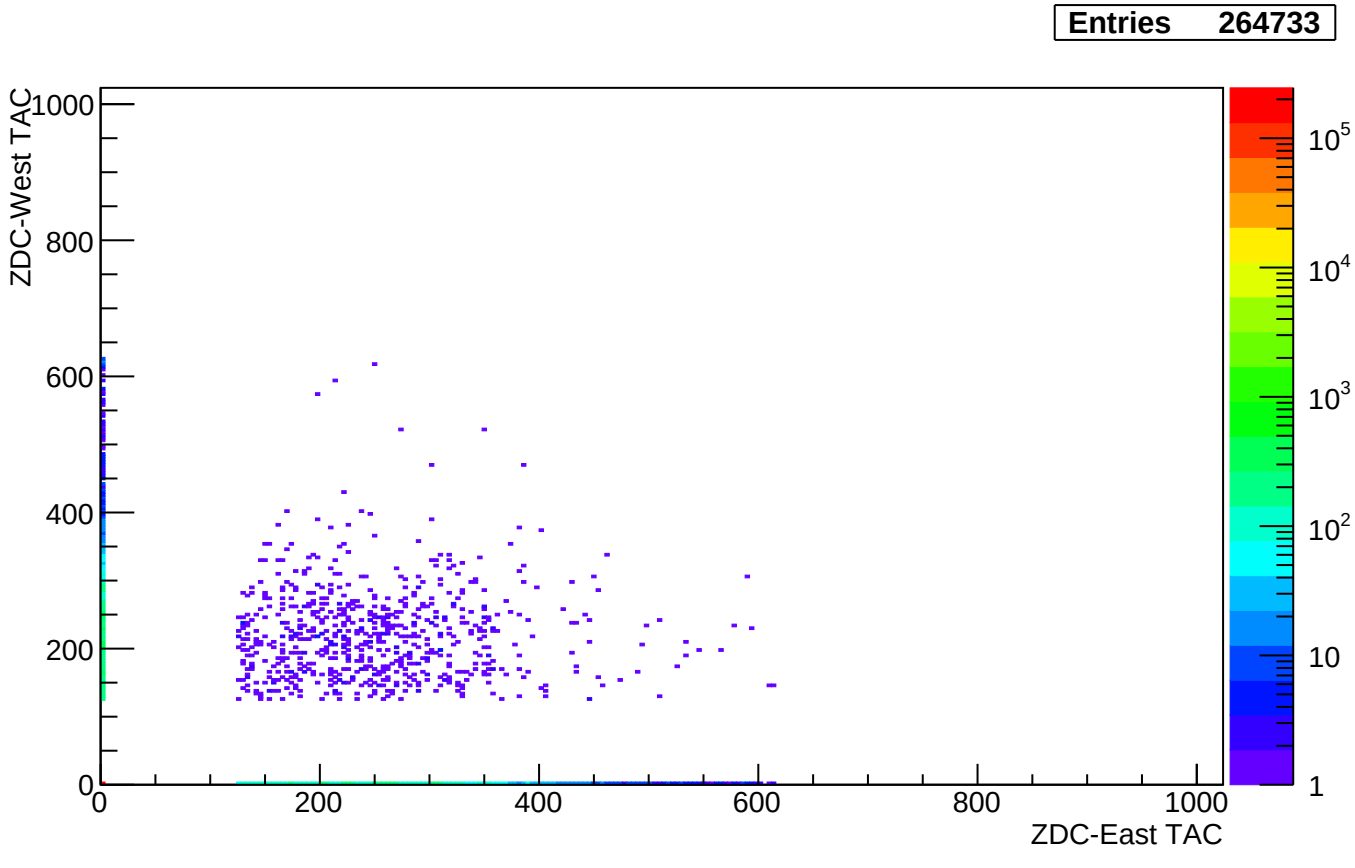

Entries 264733
TOF-Mult
VPD-East ADC Sum

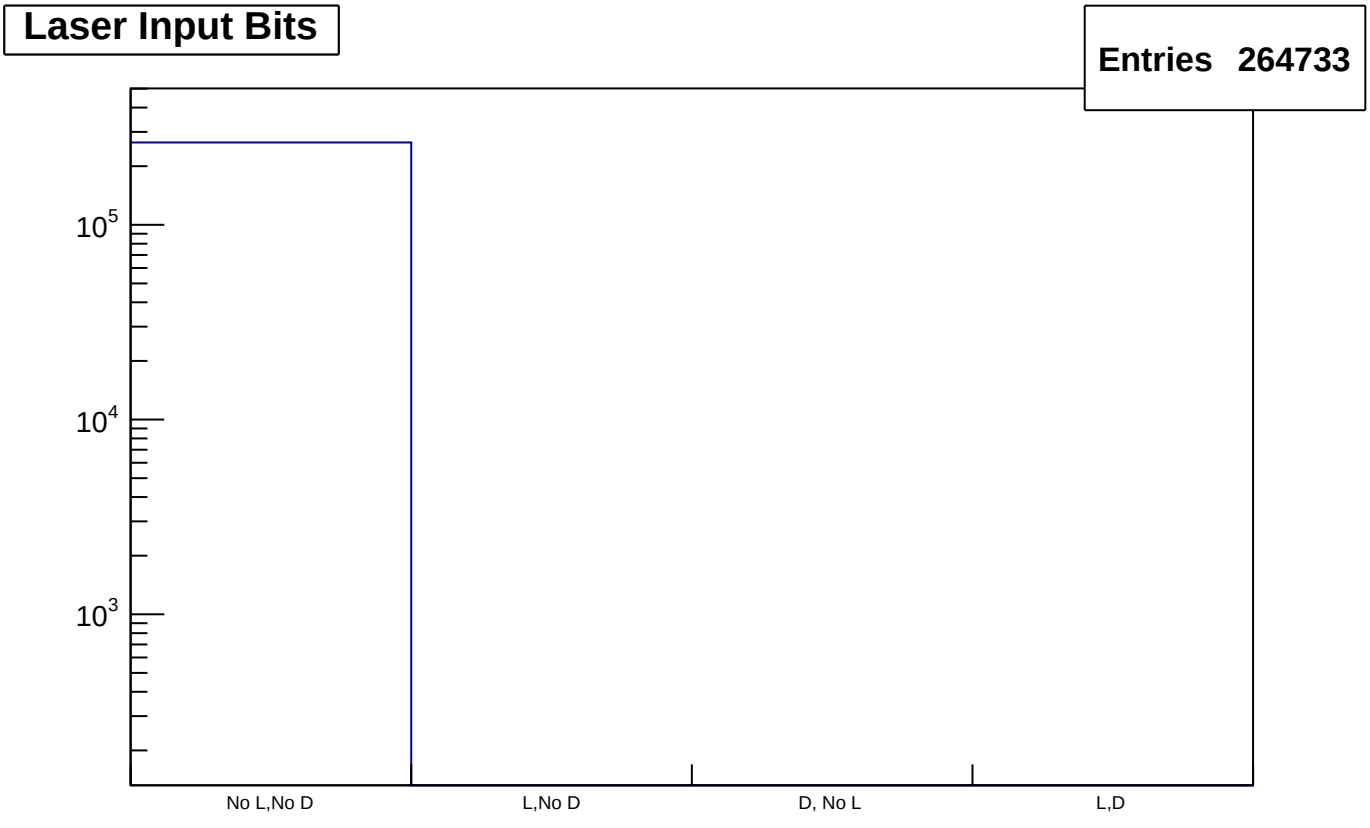

Entries 264733
TOF-Mult
VPD-West ADC Sum

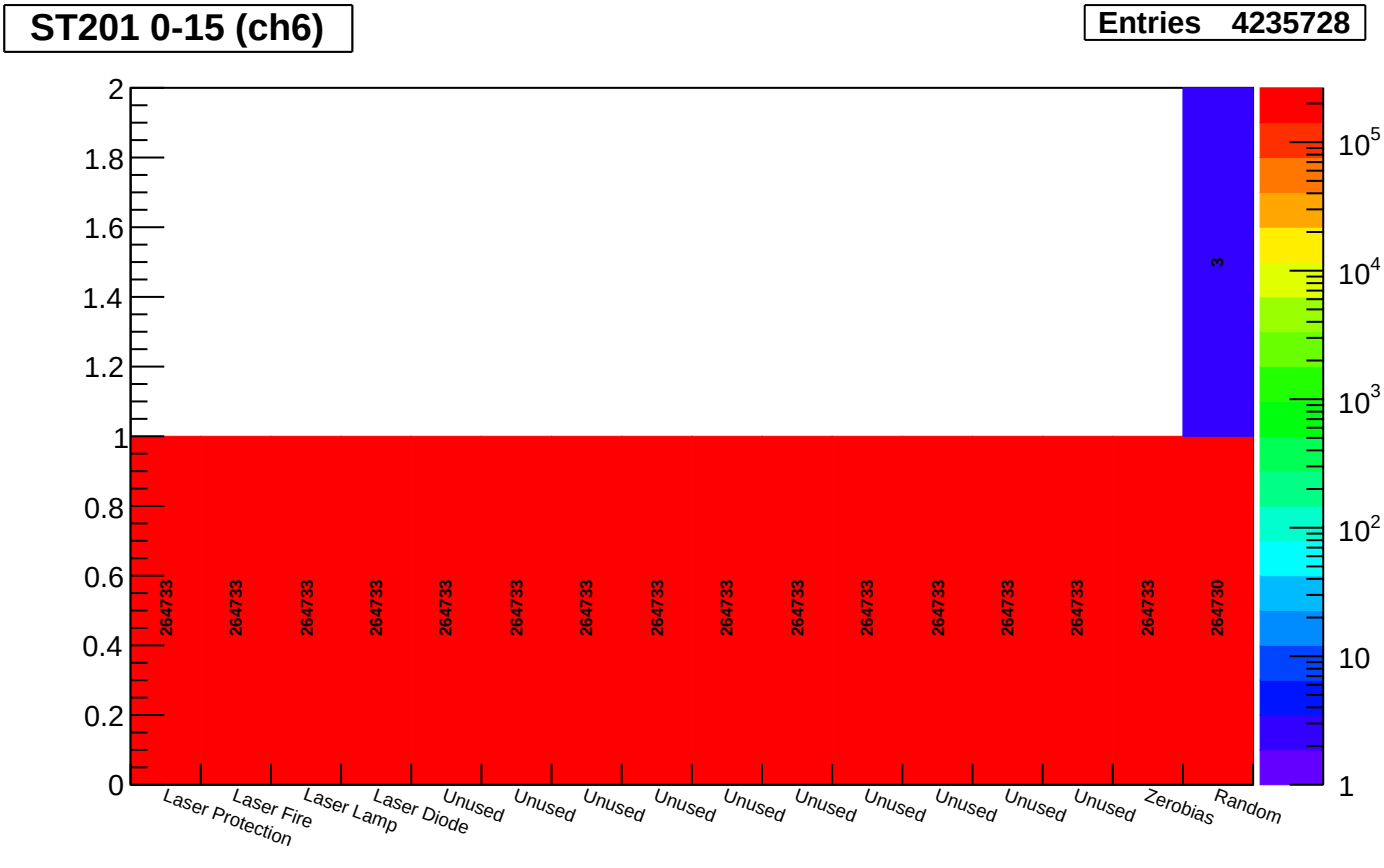

Entries 264733
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

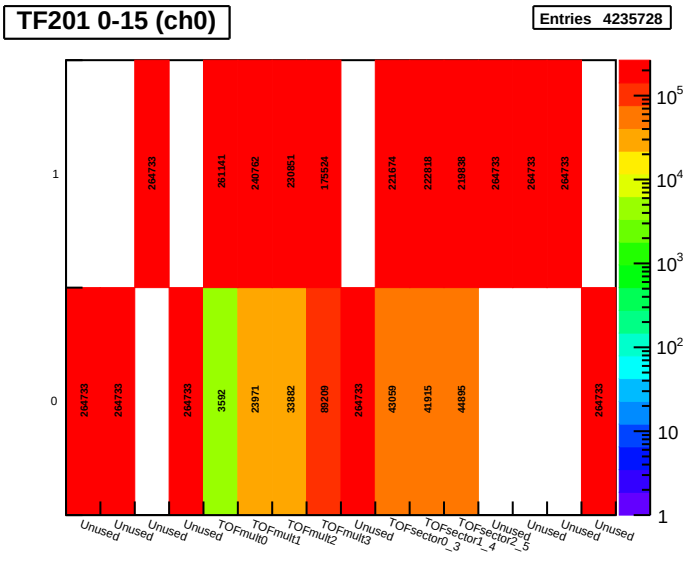

Entries 264733
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

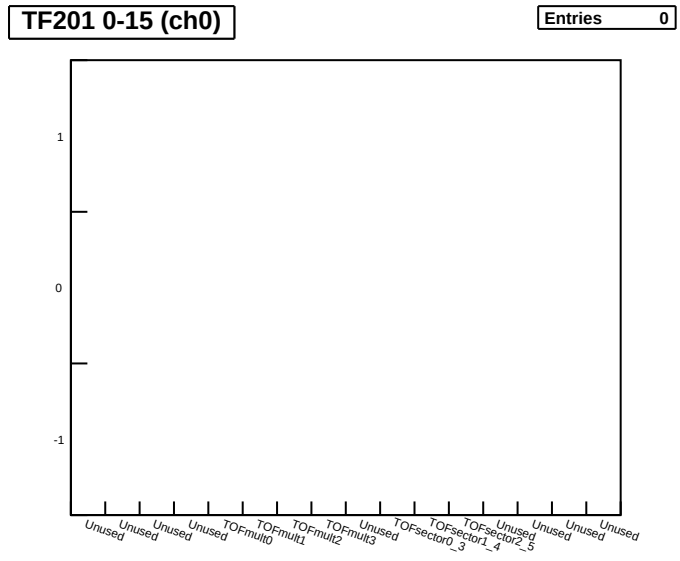

Entries 264733
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

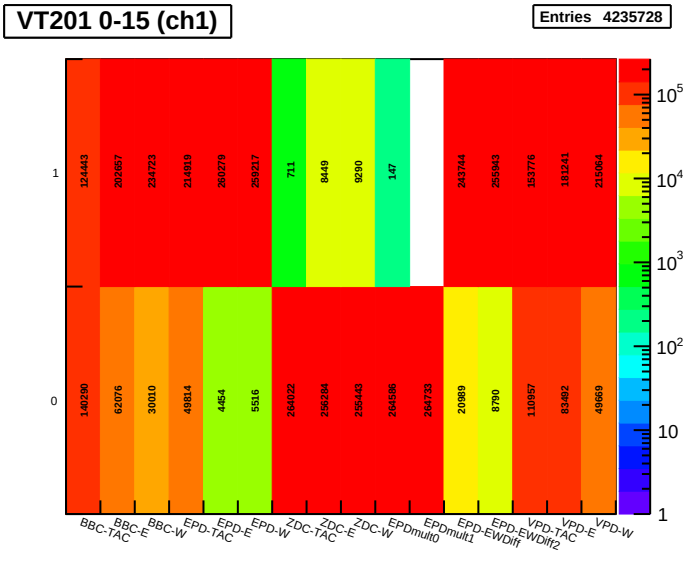

Entries 264733
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

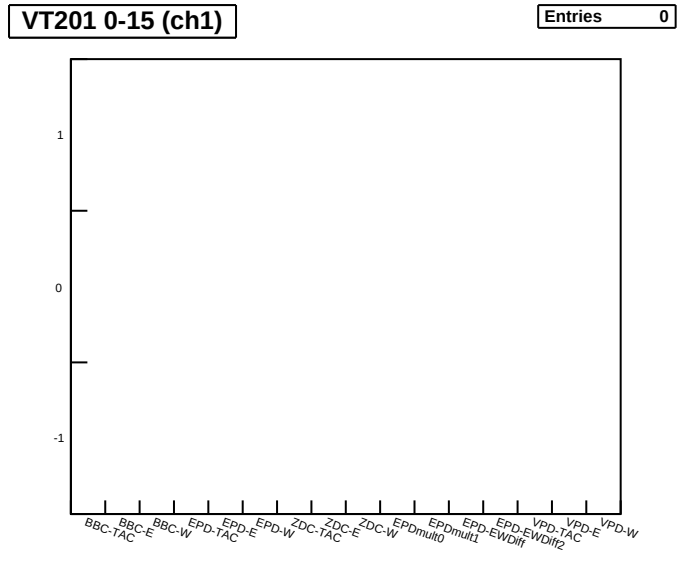

Laser Input Bits
Entries 264733
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

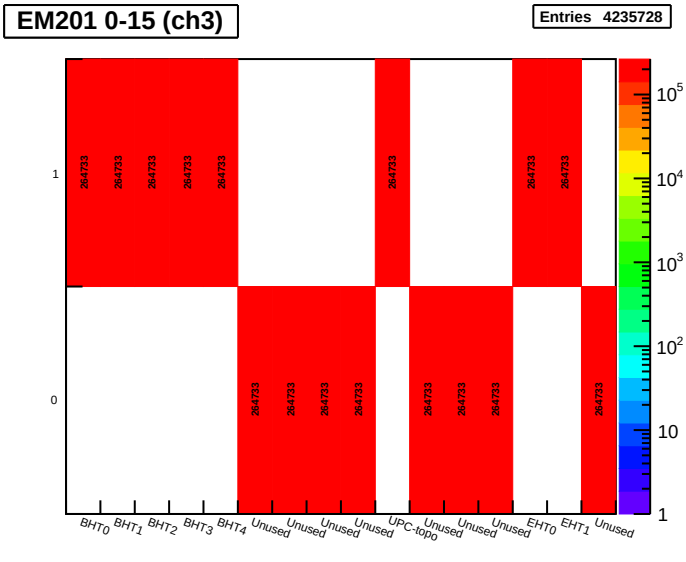

ST201 0-15 (ch6)
Entries 4235728
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
264733
264730
3
$10^5$
$10^4$
$10^3$
$10^2$
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

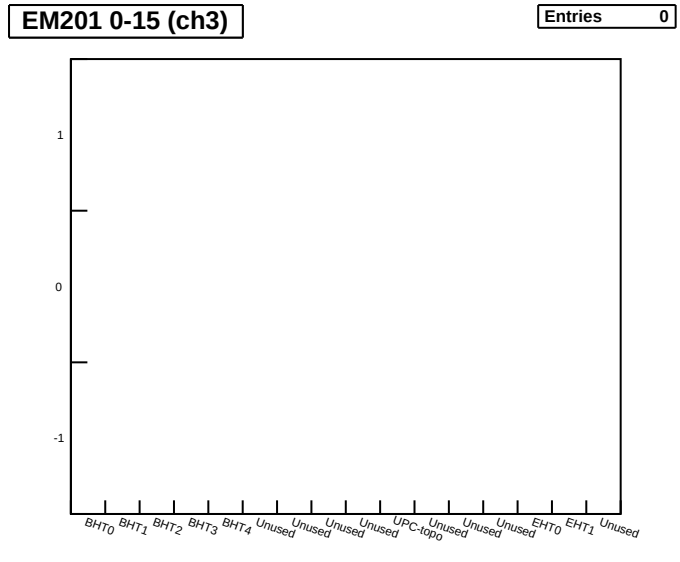

TF201 0-15 (ch0)
Entries 4235728
1
0
264733 261141 240762 230851 175524 221674 222918 219838 264733 264733 264733
264733 264733 264733 3592 23971 33882 89209 264733 43059 41915 44895 264733
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 4235728
1
0
124443 202657 234723 214919 260279 259217 711 8449 9290 147 243744 255943 153776 181241 215064
140290 62076 30010 49814 4464 5516 264022 258284 255443 264586 264733 20989 8790 110957 83492 49669
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 4235728
1
0
264733 264733 264733 264733 264733 264733 264733 264733
264733 264733 264733 264733 264733 264733 264733 264733
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