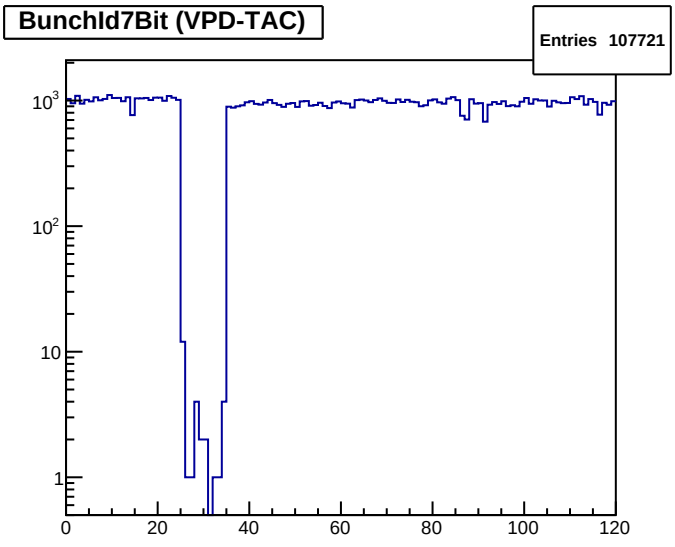
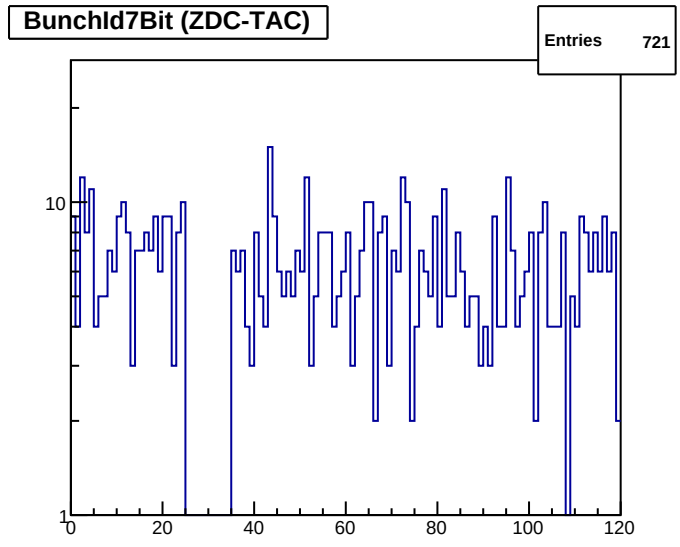
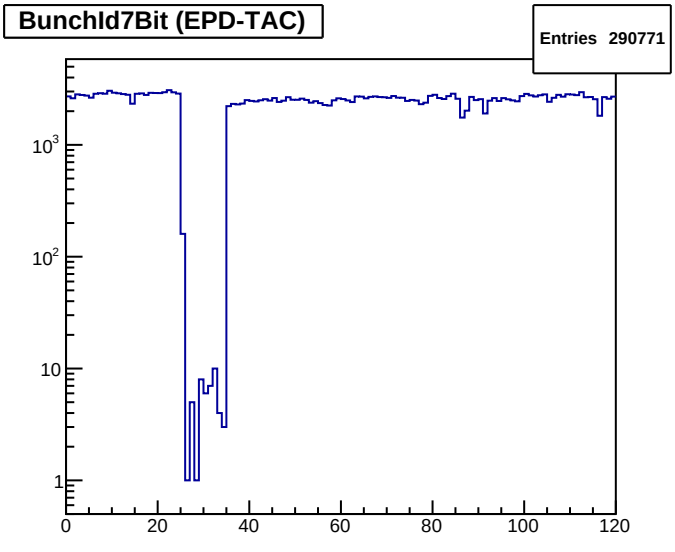
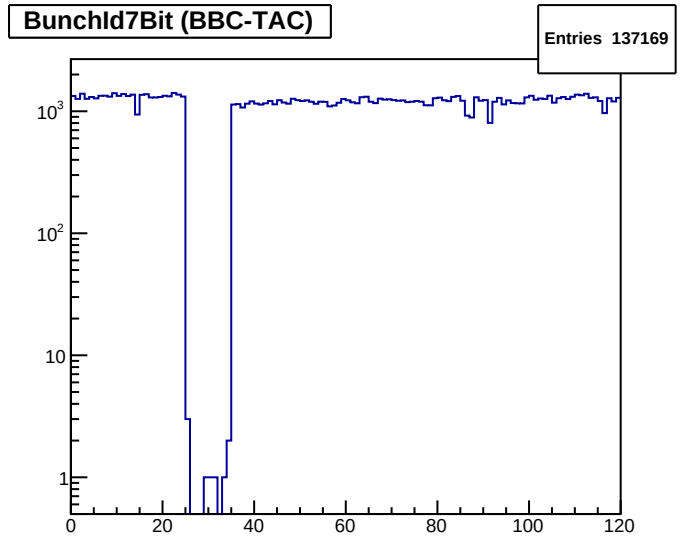
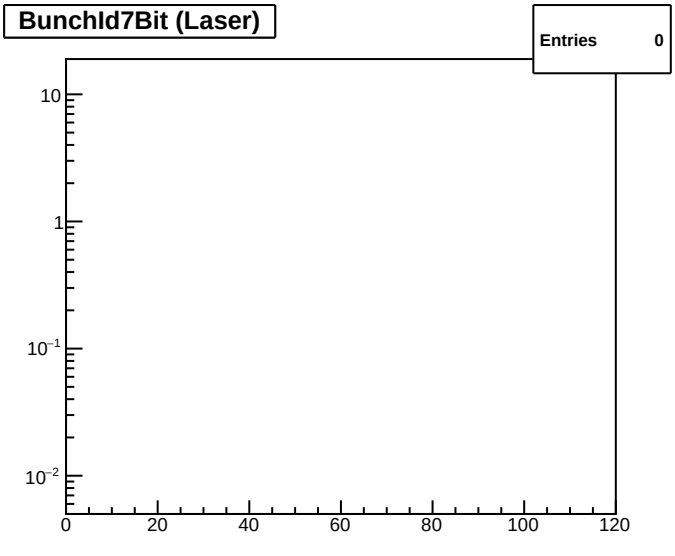
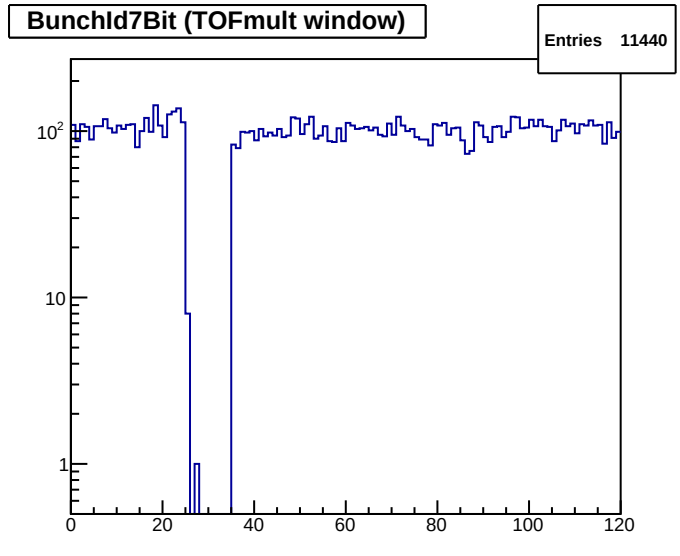

BunchId7Bit (VPD-TAC)
Entries 107721

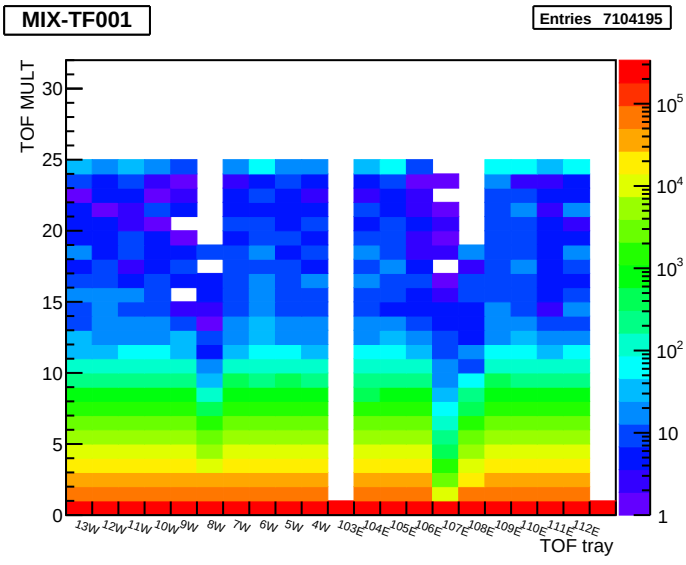

BunchId7Bit (ZDC-TAC)
Entries 721

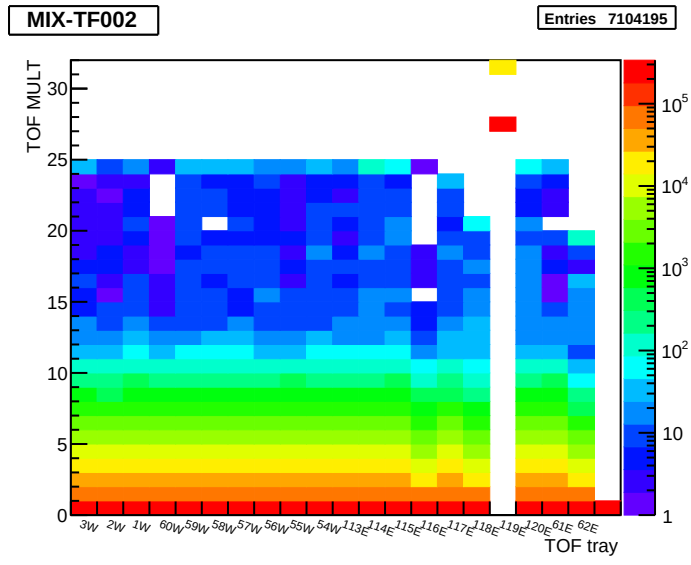

BunchId7Bit (EPD-TAC)
Entries 290771

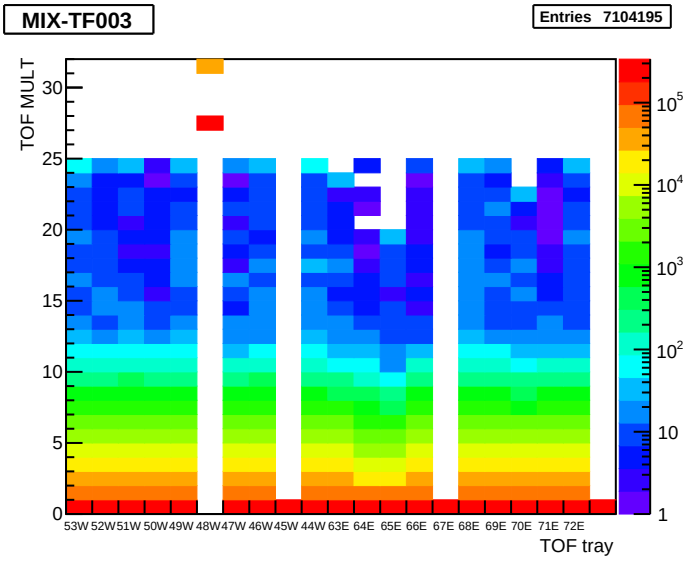

BunchId7Bit (BBC-TAC)
Entries 137169

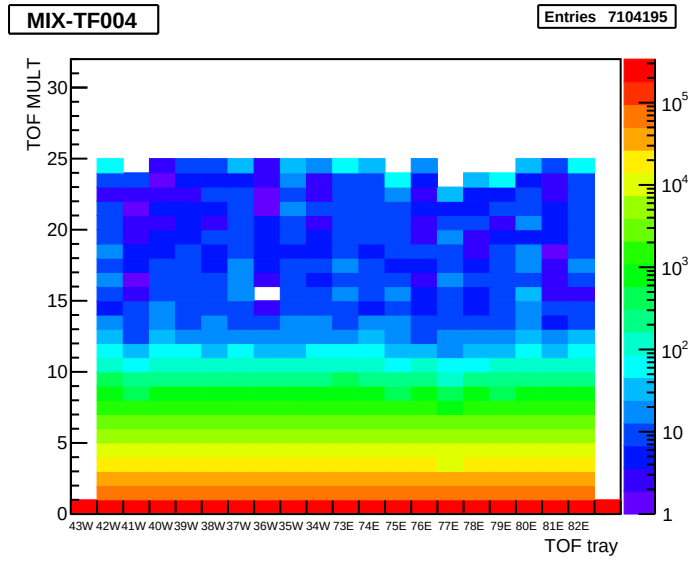

BunchId7Bit (Laser)
Entries 0

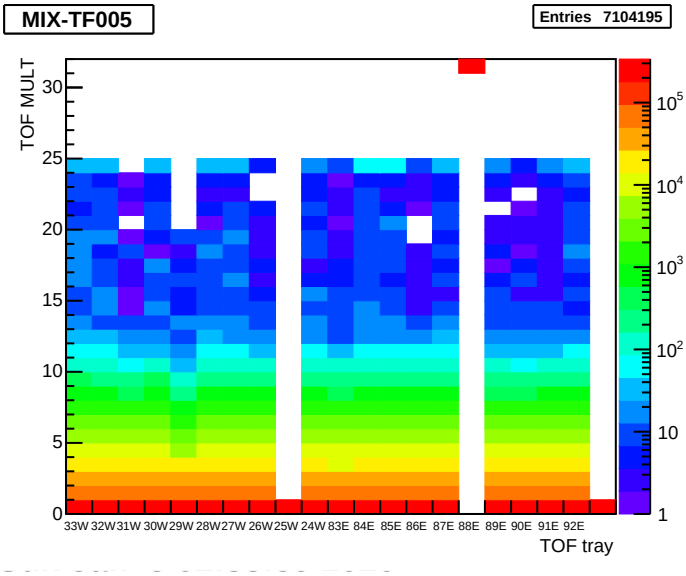

BunchId7Bit (TOFmult window)
Entries 11440

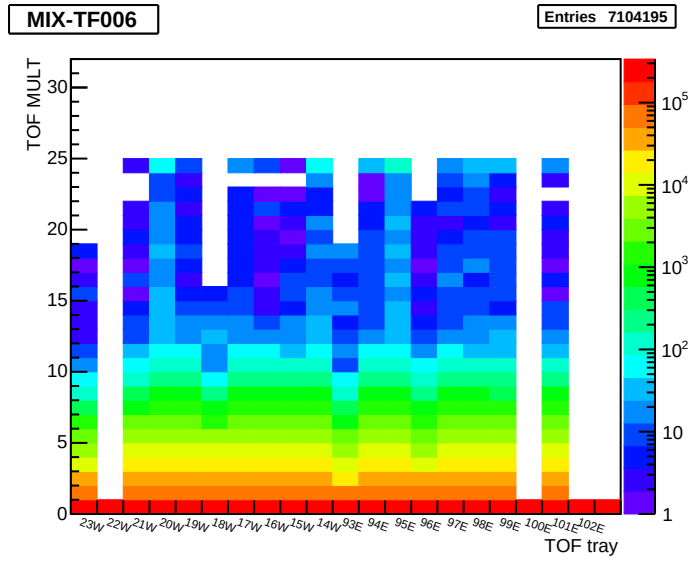

MIX-TF001
Entries 7104195
TOF MULT
TOF tray

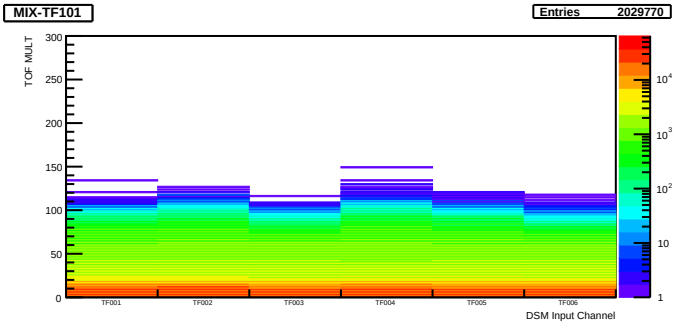

MIX-TF002
Entries 7104195
TOF MULT
TOF tray

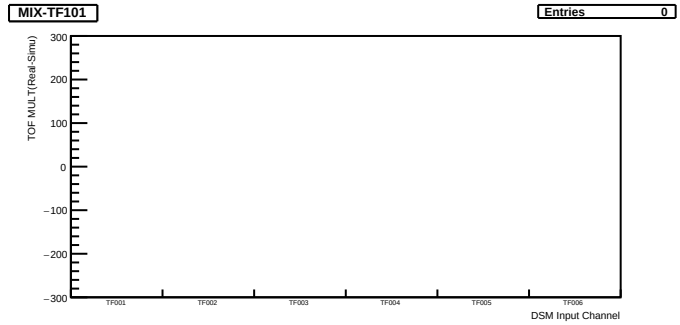

MIX-TF003
Entries 7104195
TOF MULT
TOF tray

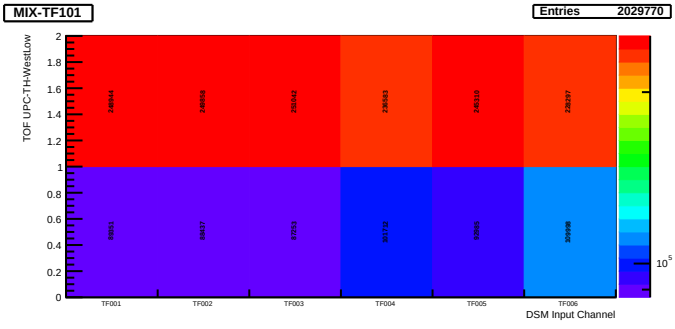

MIX-TF004
Entries 7104195
TOF MULT
TOF tray

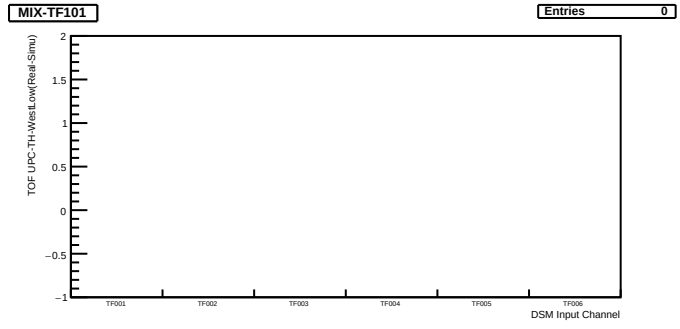

MIX-TF005
Entries 7104195
TOF MULT
TOF tray

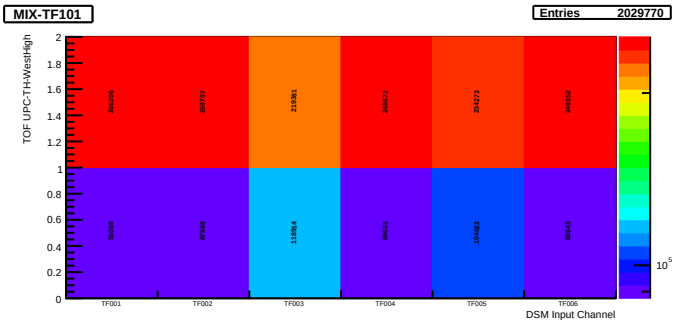

MIX-TF006
Entries 7104195
TOF MULT
TOF tray

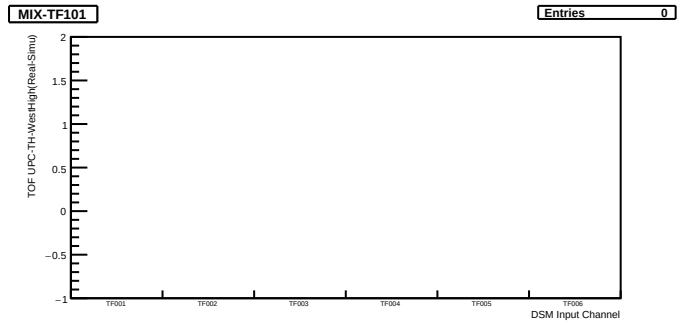

MIX-TF101
Entries 2029770
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

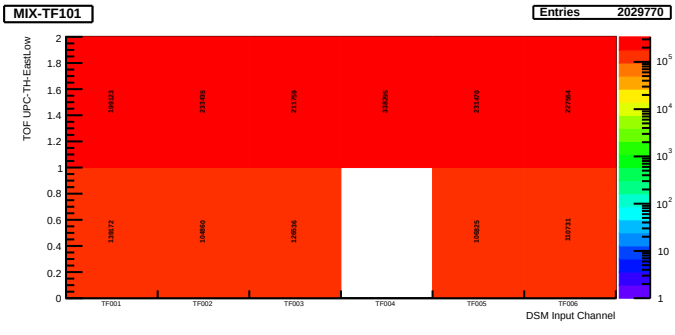

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

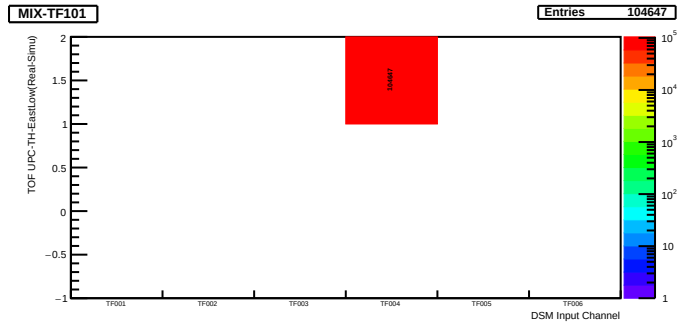

MIX-TF101
Entries 2029770
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

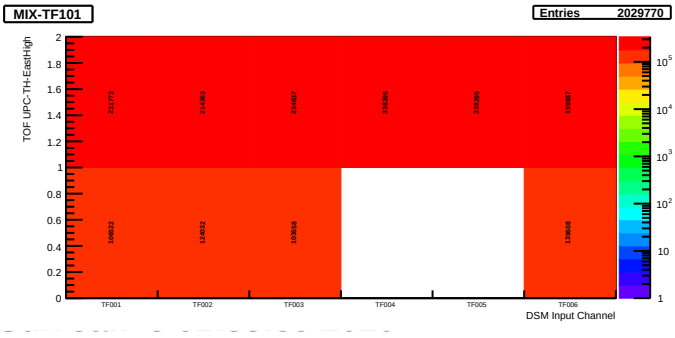

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

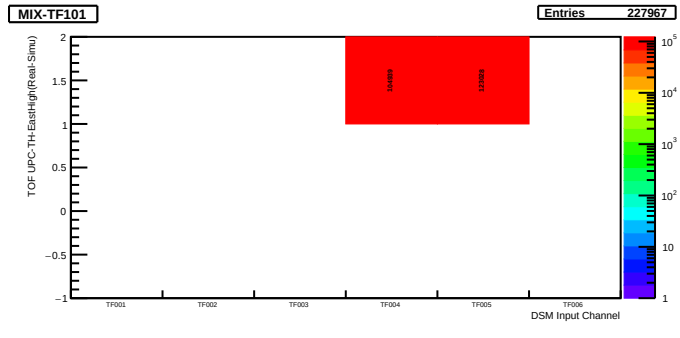

MIX-TF101
Entries 2029770
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

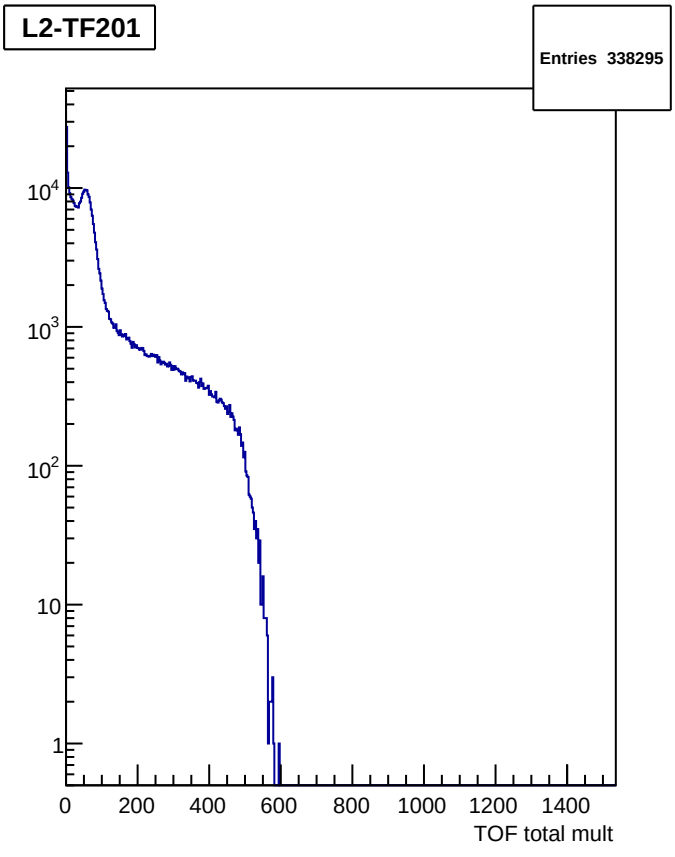

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

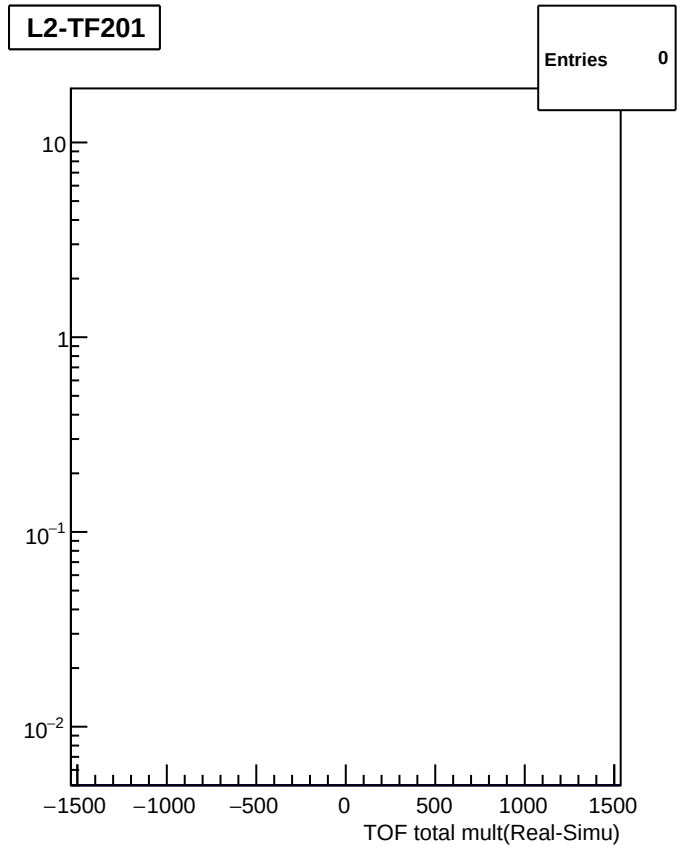

MIX-TF101
Entries 2029770
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

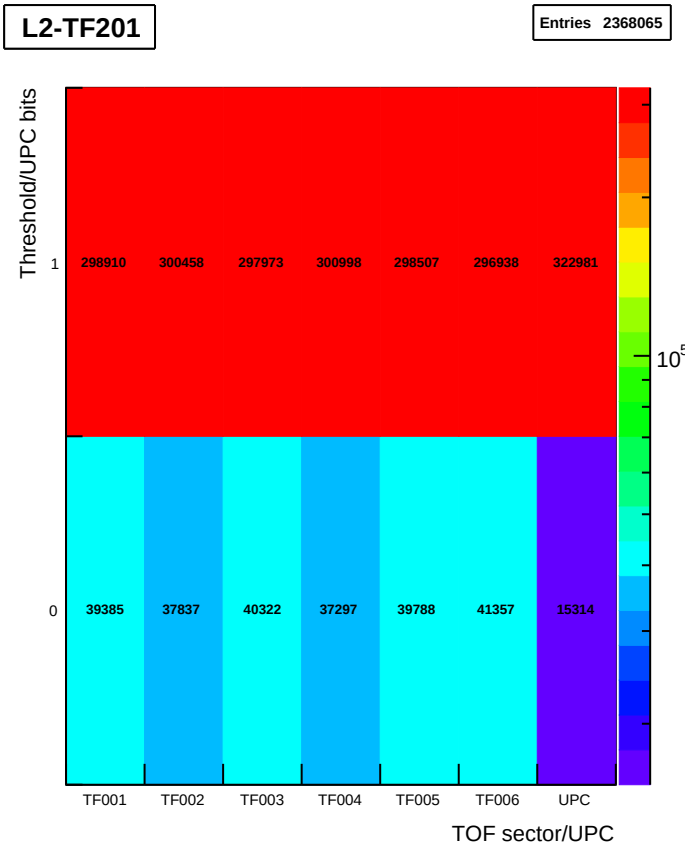

MIX-TF101
Entries 104647
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

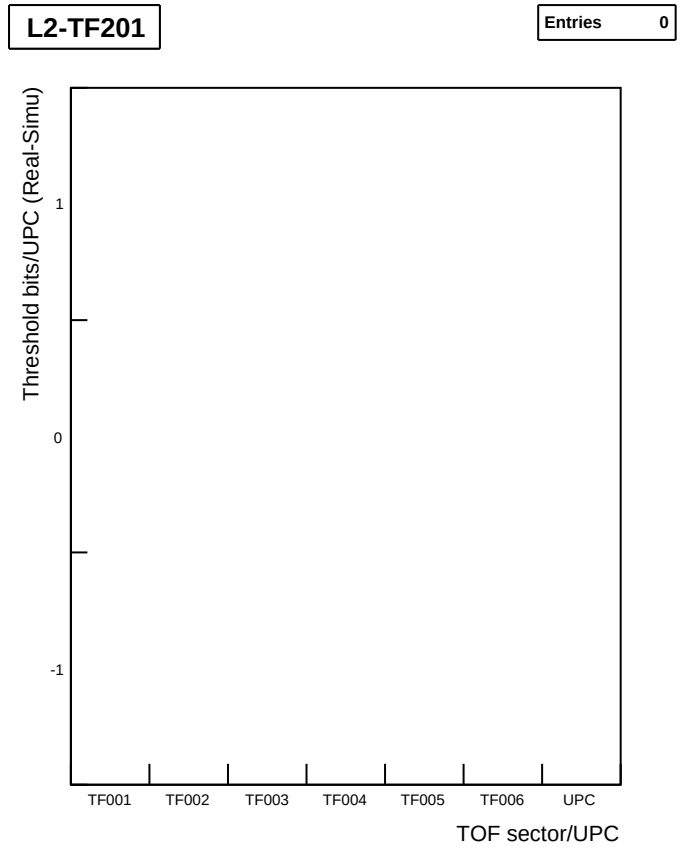

MIX-TF101
Entries 2029770
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

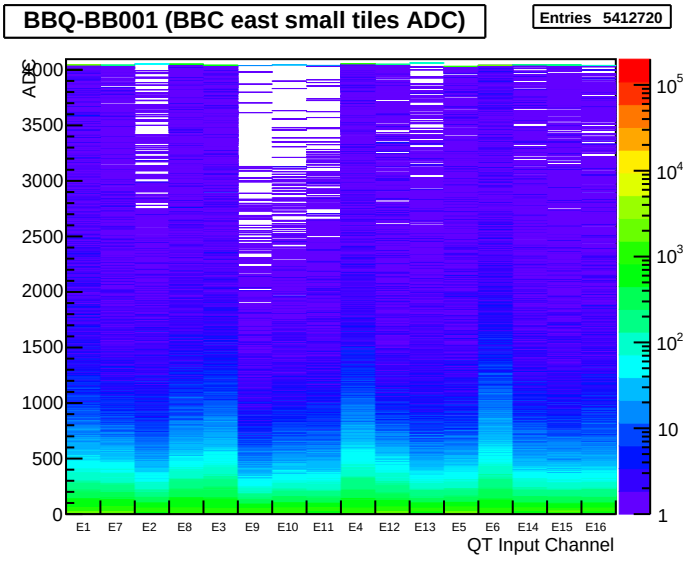

MIX-TF101
Entries 227967
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

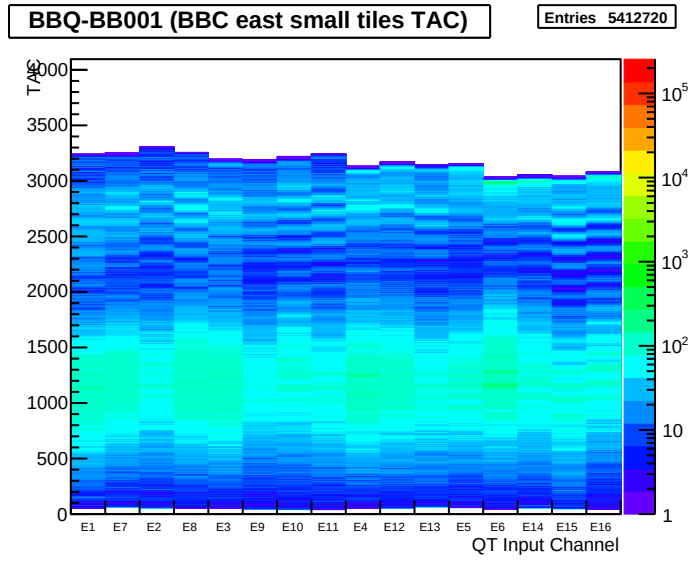

L2-TF201
Entries 338295
TOF total mult

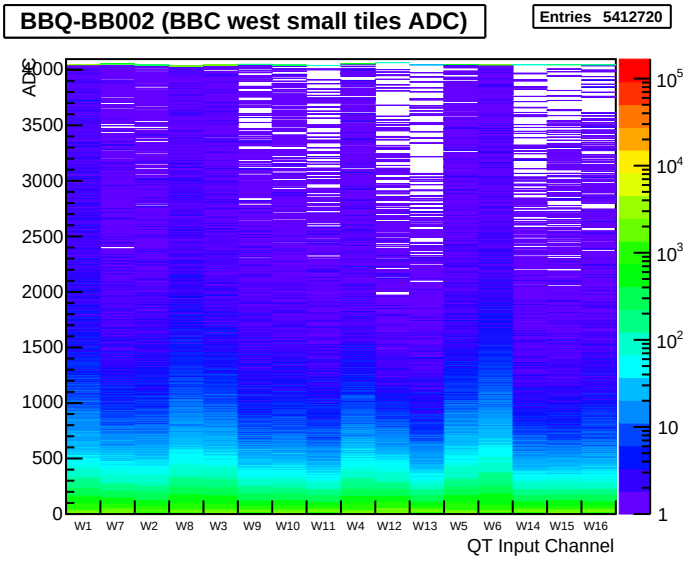

L2-TF201
Entries 0
TOF total mult(Real-Simu)

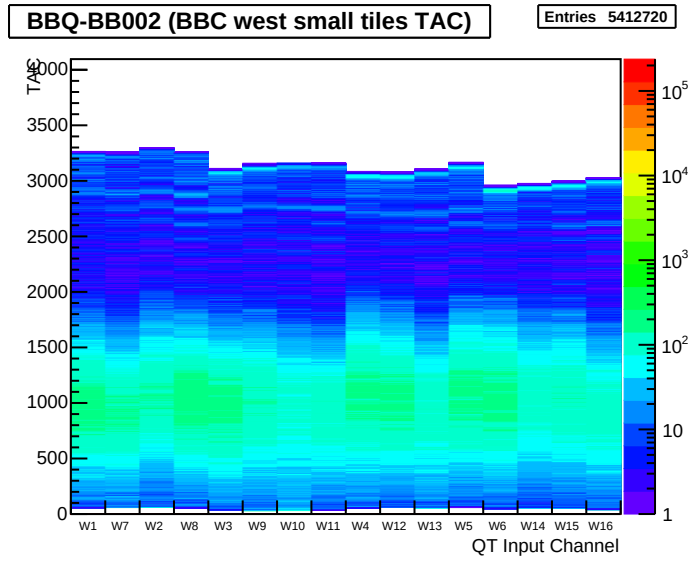

L2-TF201
Entries 2368065
Threshold/UPC bits
298910
300458
297973
300998
298507
296938
322981
39385
37837
40322
37297
39788
41357
15314
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

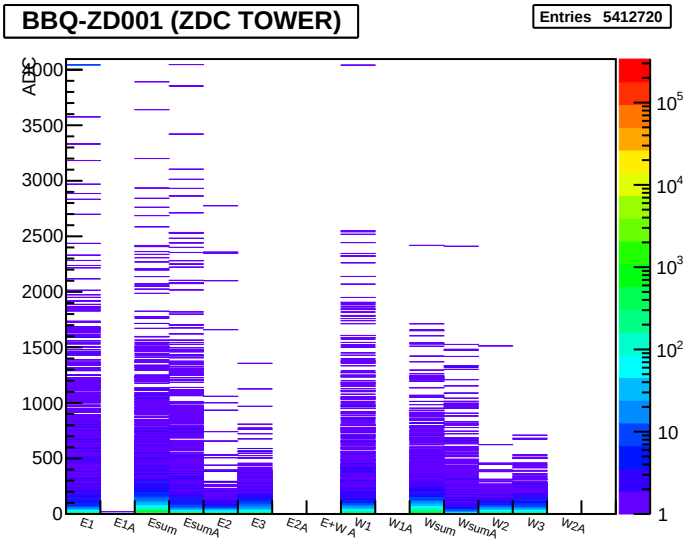

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

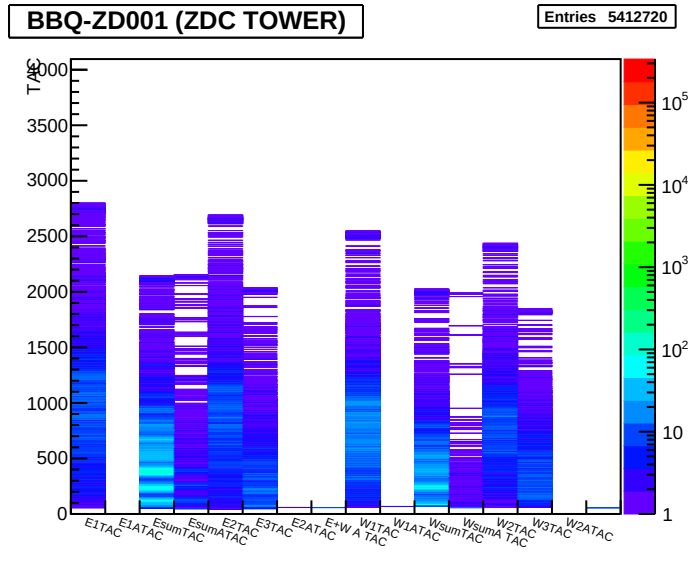

BBQ-BB001 (BBC east small tiles ADC)
Entries 5412720
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

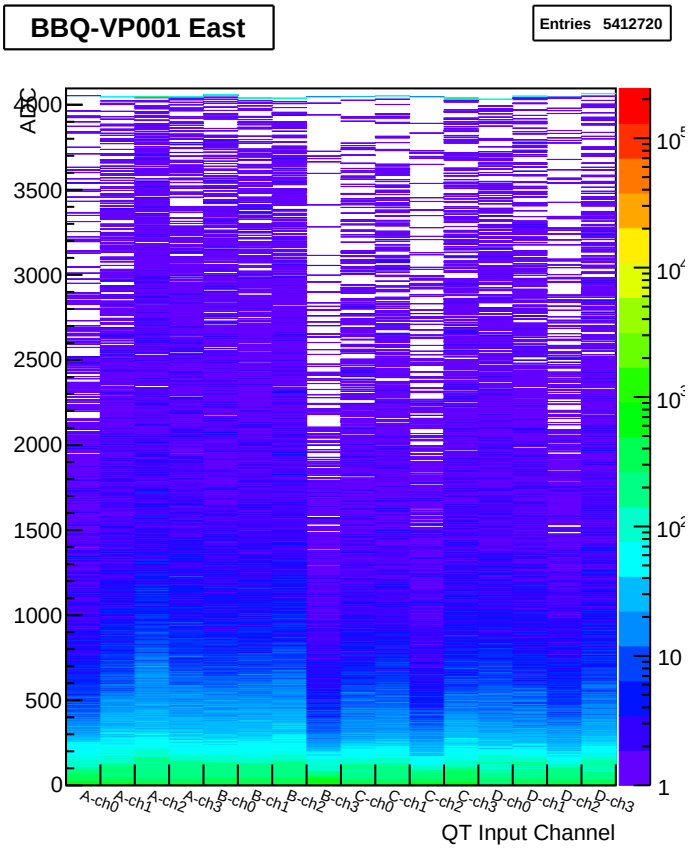

BBQ-BB001 (BBC east small tiles TAC)
Entries 5412720
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

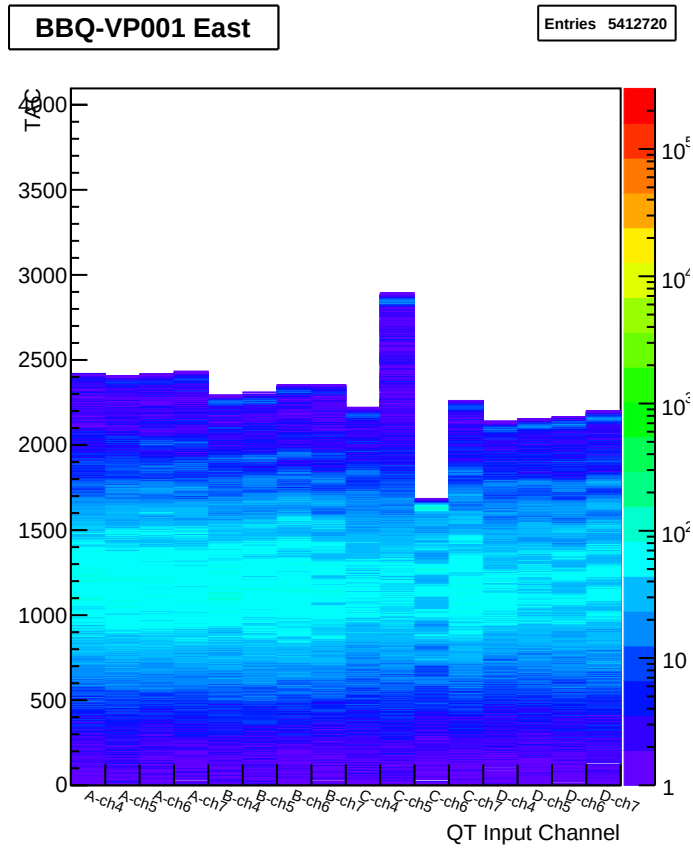

BBQ-BB002 (BBC west small tiles ADC)
Entries 5412720
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

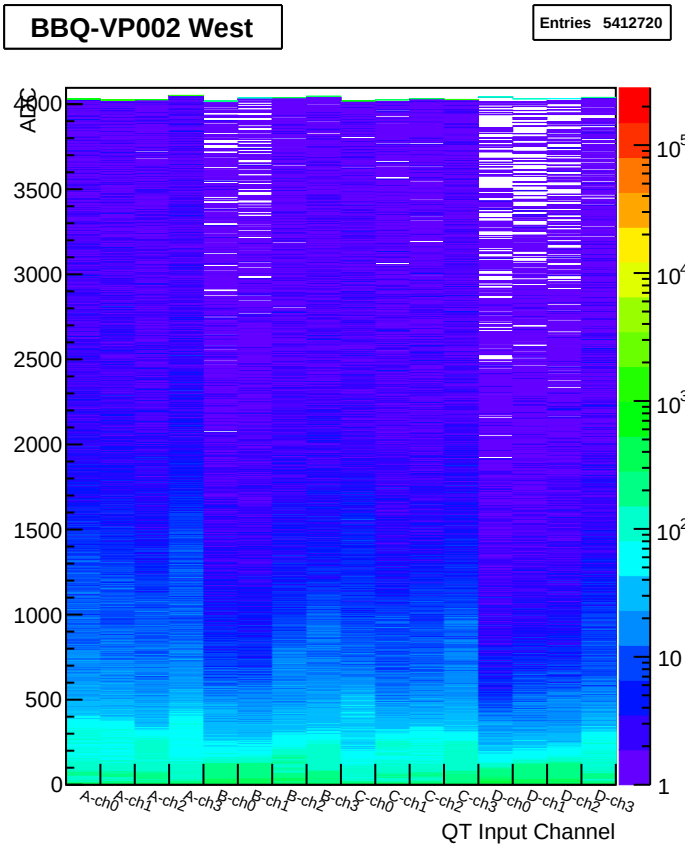

BBQ-BB002 (BBC west small tiles TAC)
Entries 5412720
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

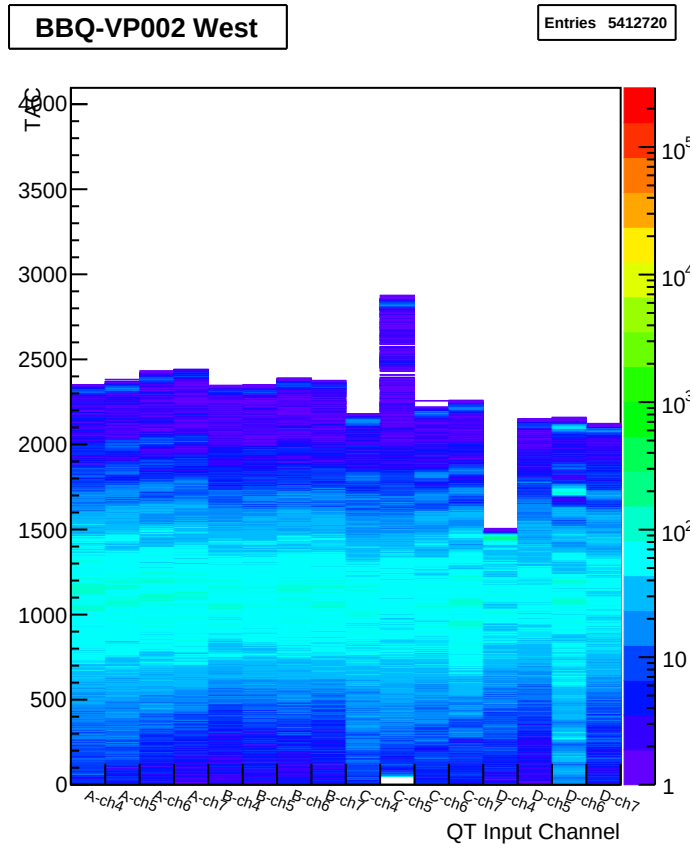

BBQ-ZD001 (ZDC TOWER)
Entries 5412720
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

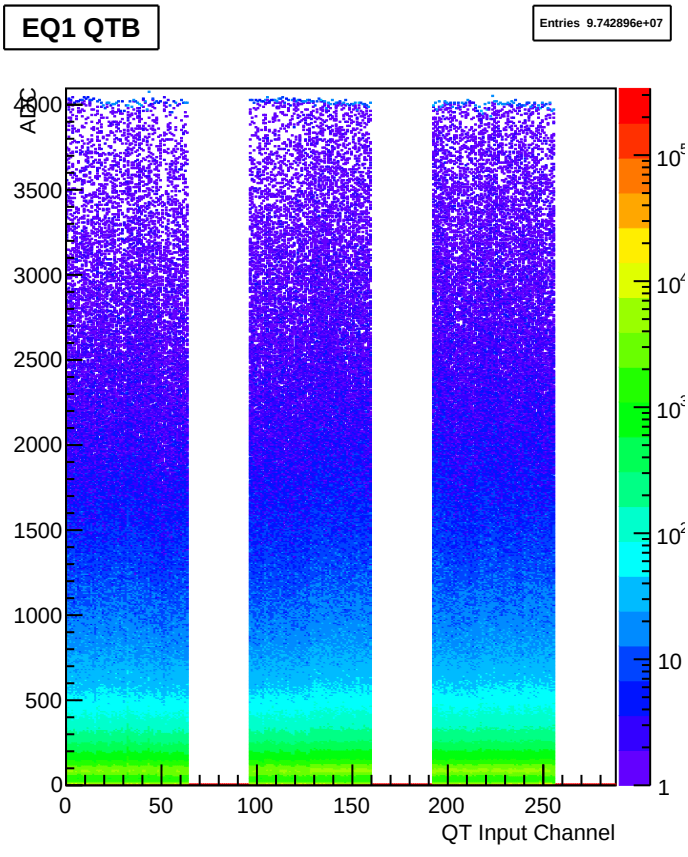

BBQ-ZD001 (ZDC TOWER)
Entries 5412720
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

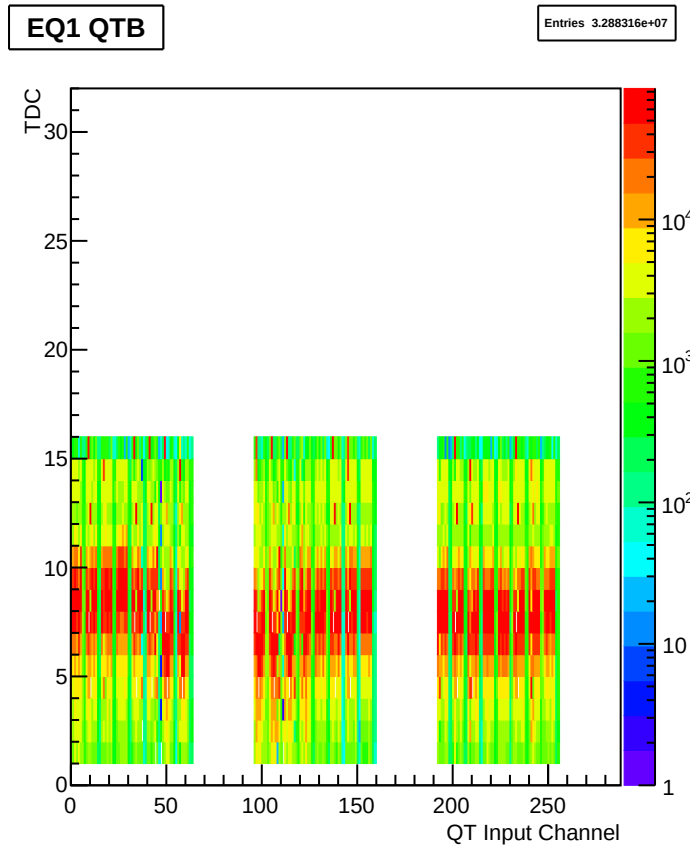

BBQ-VP001 East
Entries 5412720
ADC
QT Input Channel

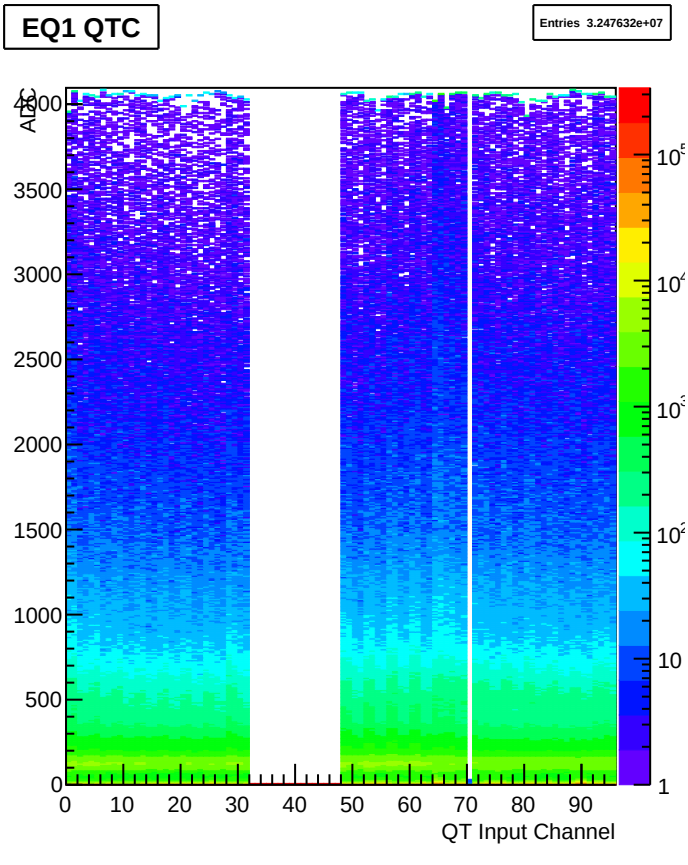

BBQ-VP001 East
Entries 5412720
TADC
QT Input Channel

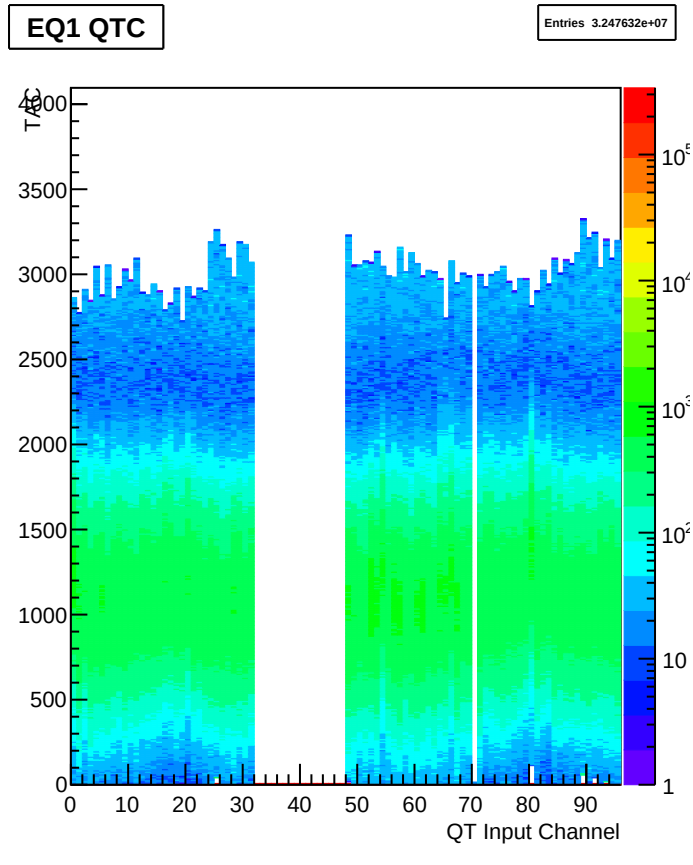

BBQ-VP002 West
Entries 5412720
ADC
QT Input Channel

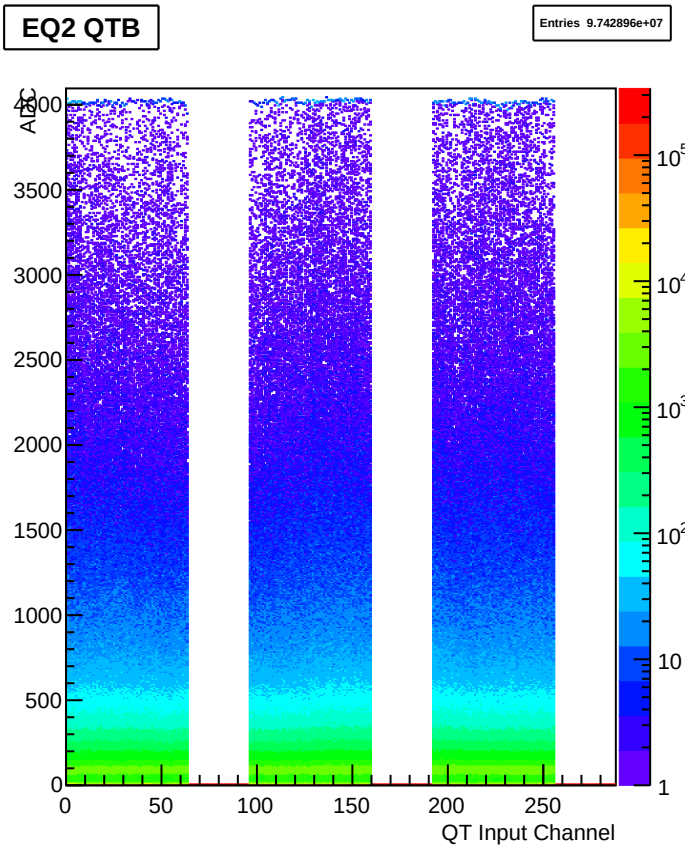

BBQ-VP002 West
Entries 5412720
TADC
QT Input Channel

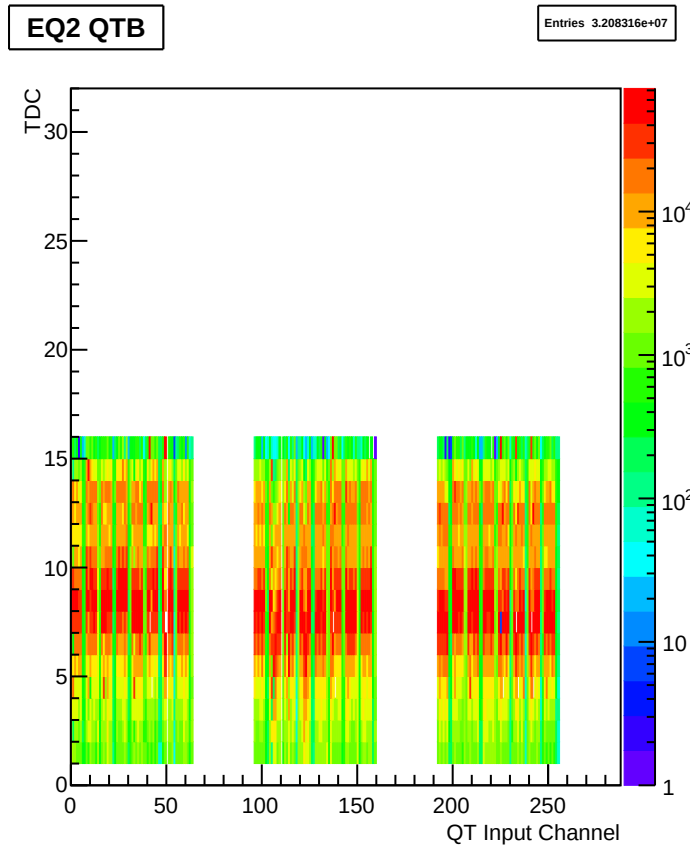

EQ1 QTB
Entries 9.742896e+07
ADC
QT Input Channel

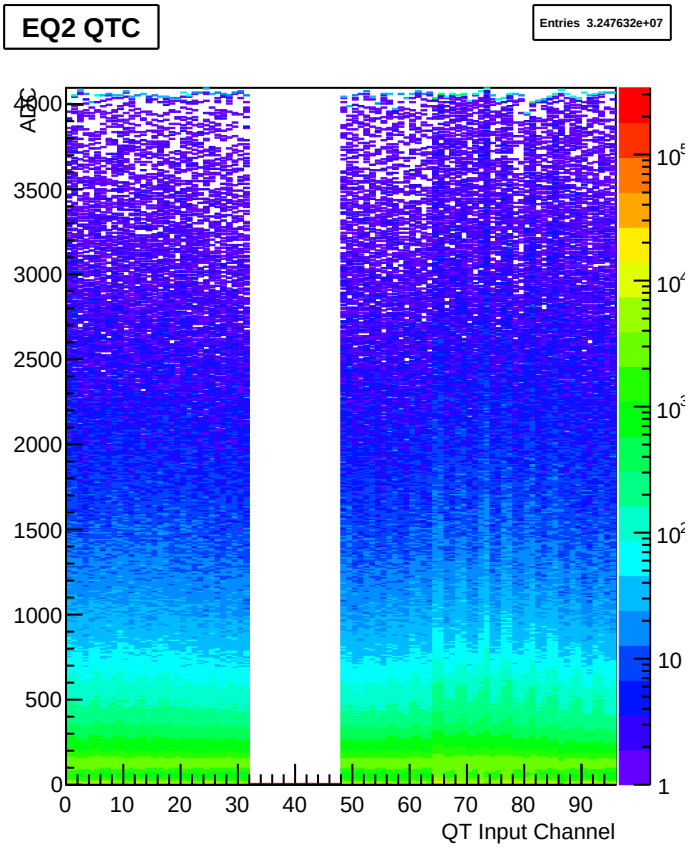

EQ1 QTB
Entries 3.288316e+07
TDC
QT Input Channel

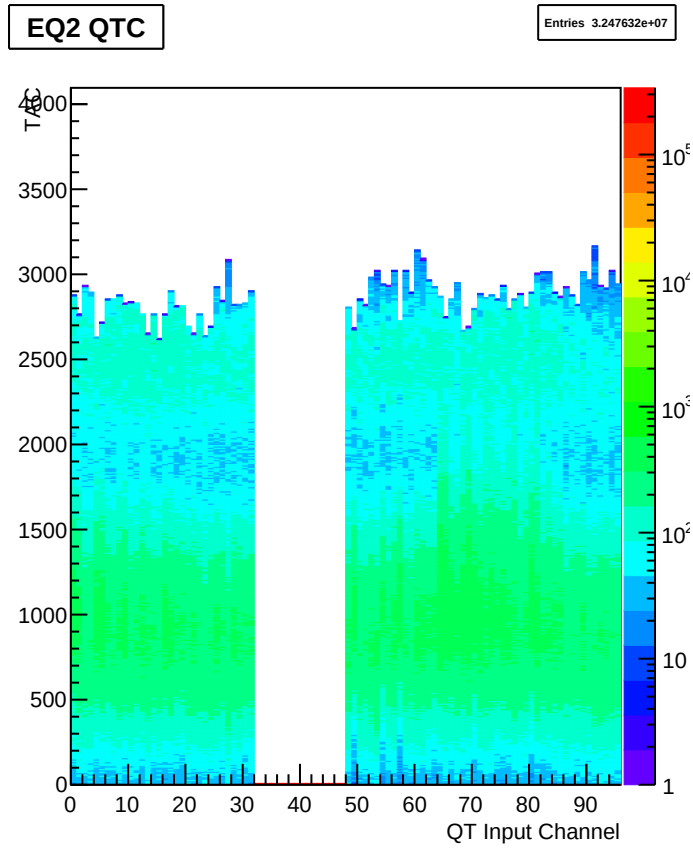

EQ1 QTC
Entries 3.247632e+07
ADC
QT Input Channel

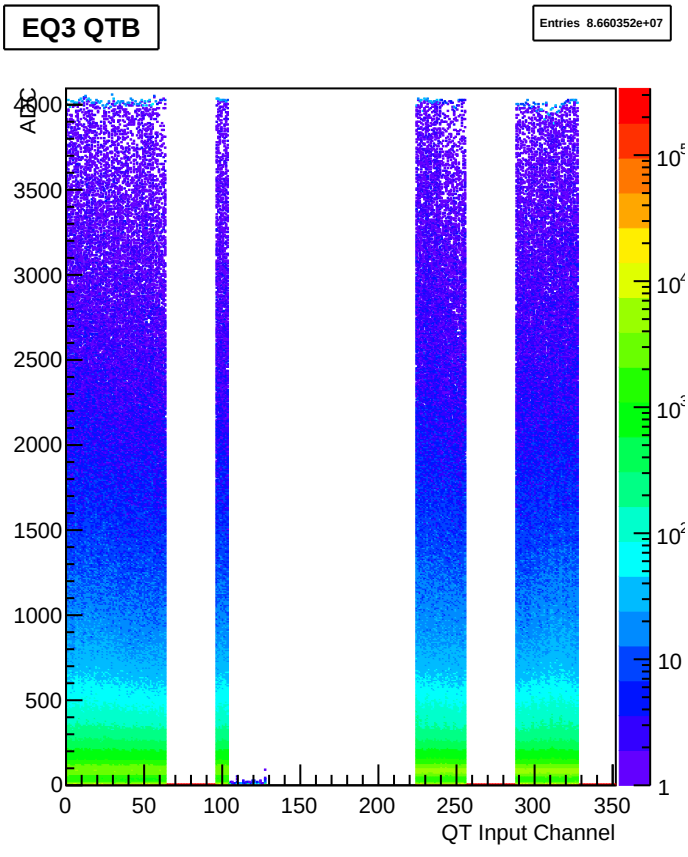

EQ1 QTC
Entries 3.247632e+07
TADC
QT Input Channel

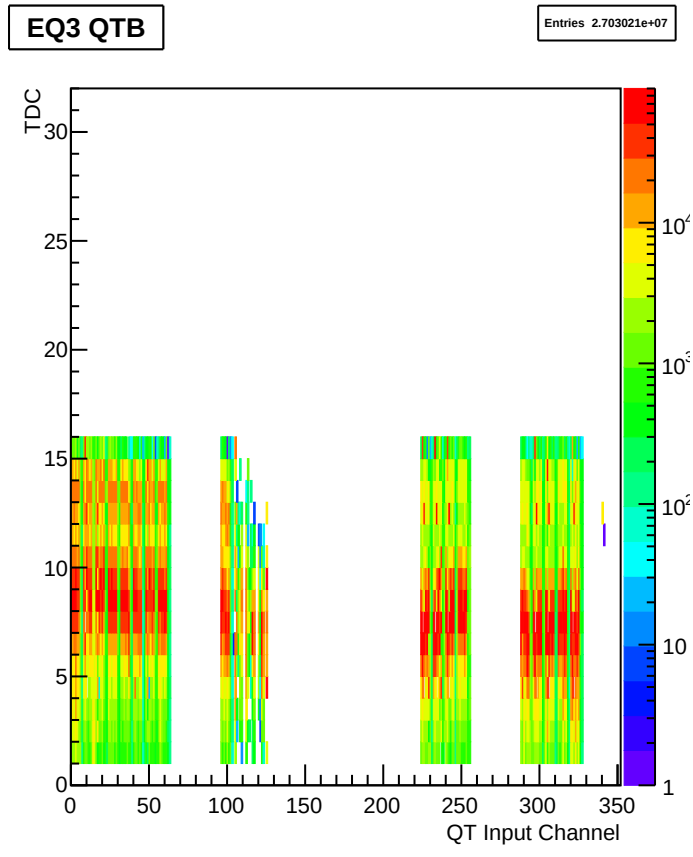

EQ2 QTB
Entries 9.742896e+07
ADC
QT Input Channel

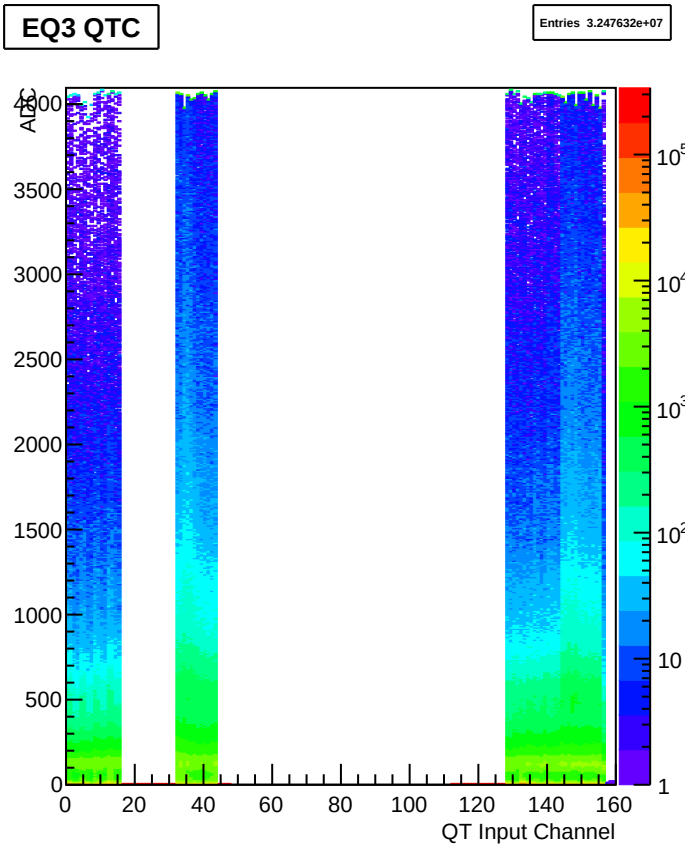

EQ2 QTB
Entries 3.208316e+07
TDC
QT Input Channel

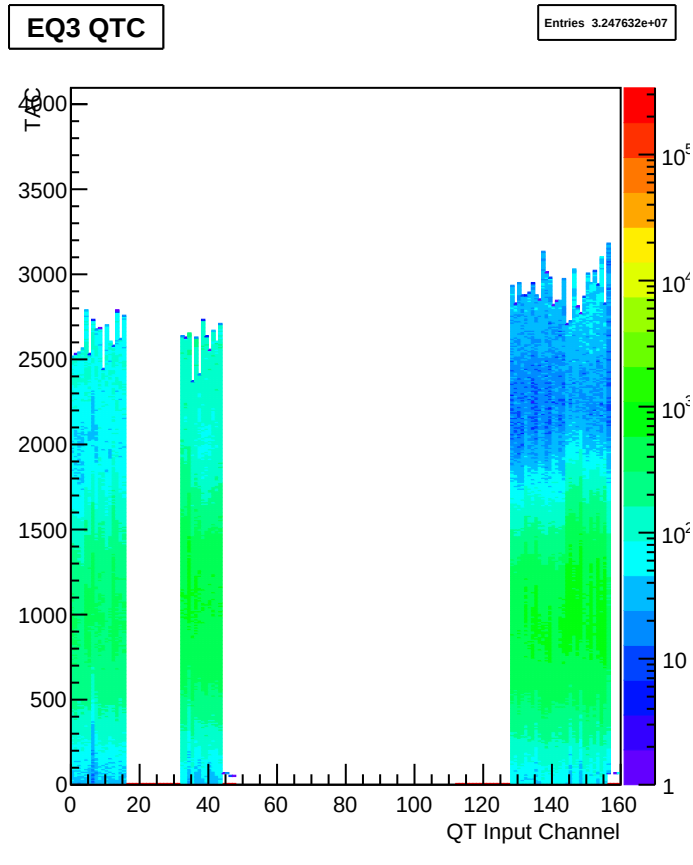

EQ2 QTC
Entries 3.247632e+07
ADC
QT Input Channel

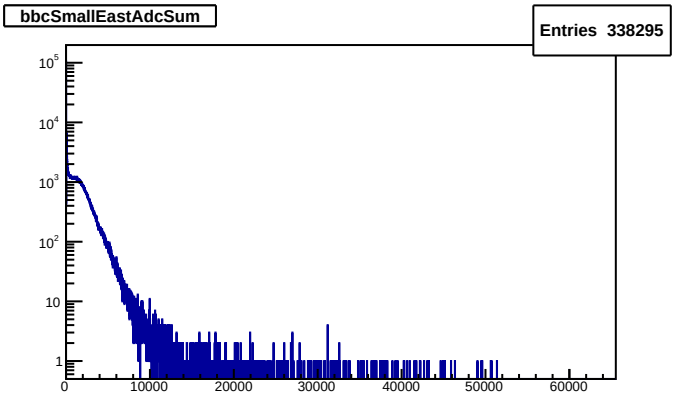

EQ2 QTC
Entries 3.247632e+07
TADC
QT Input Channel

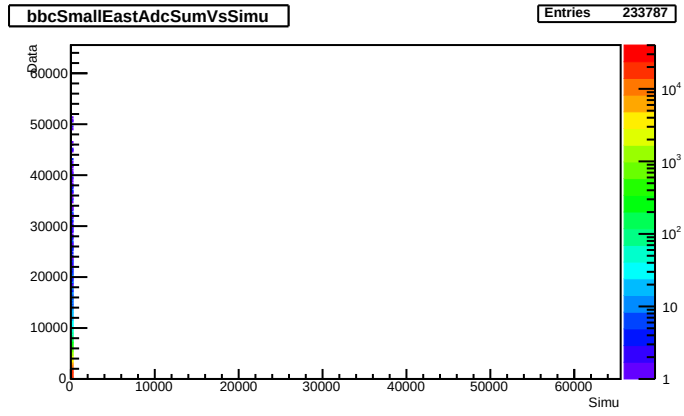

EQ3 QTB
Entries 8.660352e+07
ADC
QT Input Channel

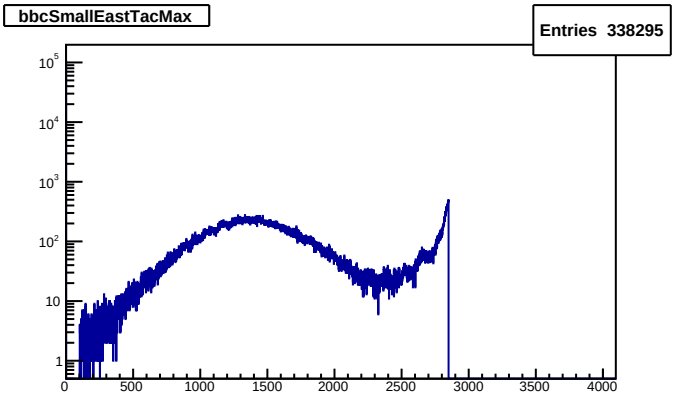

EQ3 QTB
Entries 2.703021e+07
TDC
QT Input Channel

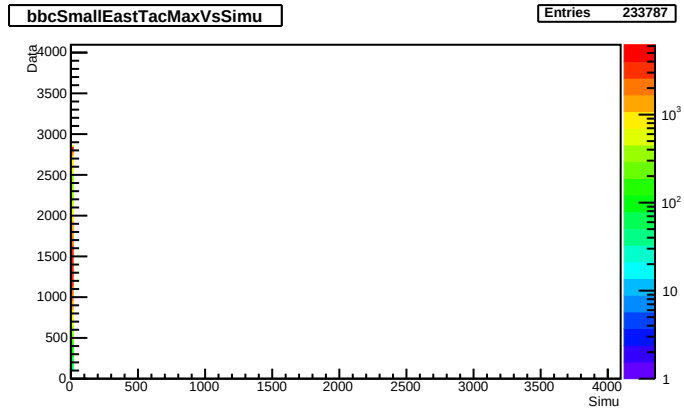

EQ3 QTC
Entries 3.247632e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.247632e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 338295


bbcSmallEastAdcSumVsSimu
Entries 233787
Data
Simu


bbcSmallEastTacMax
Entries 338295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Entries 233787
Data
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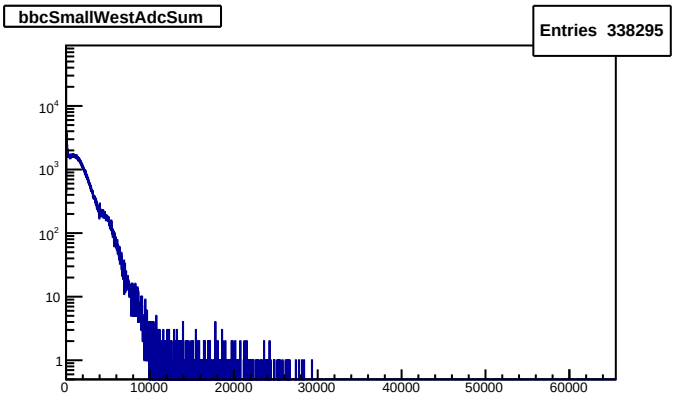
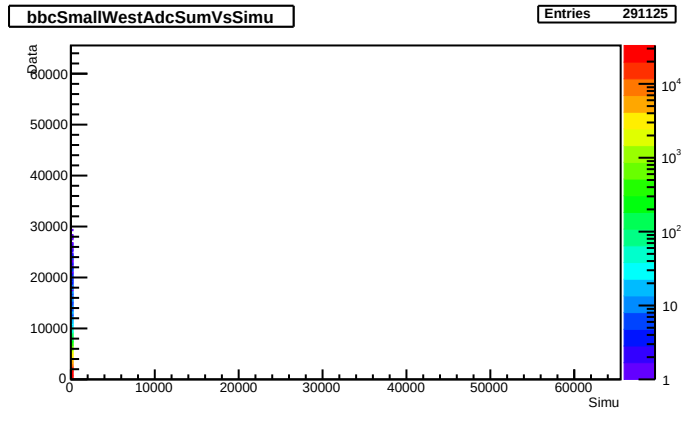

bbcSmallWestAdcSum
Entries 338295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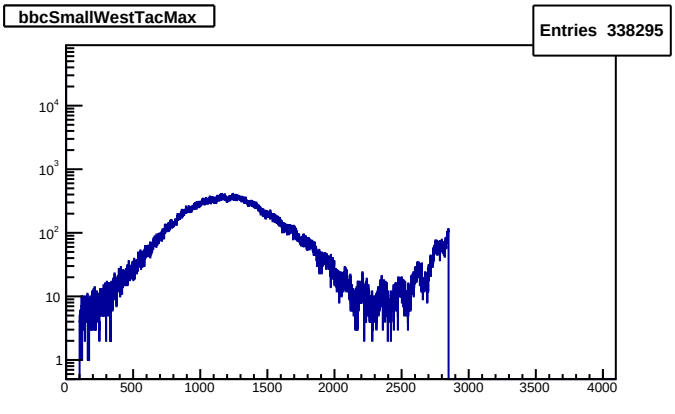
Entries 291125
Data
Simu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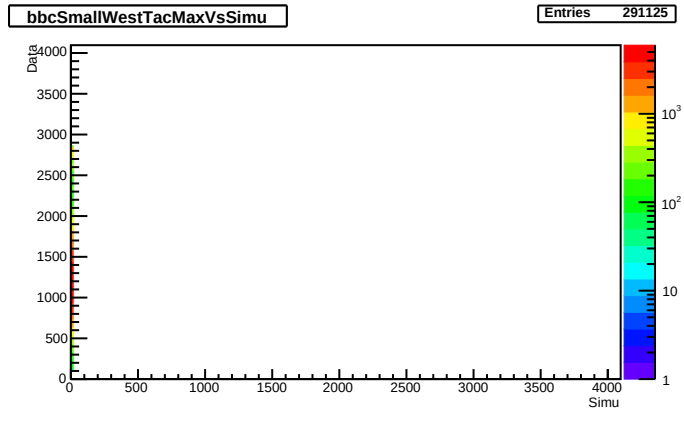
Entries 338295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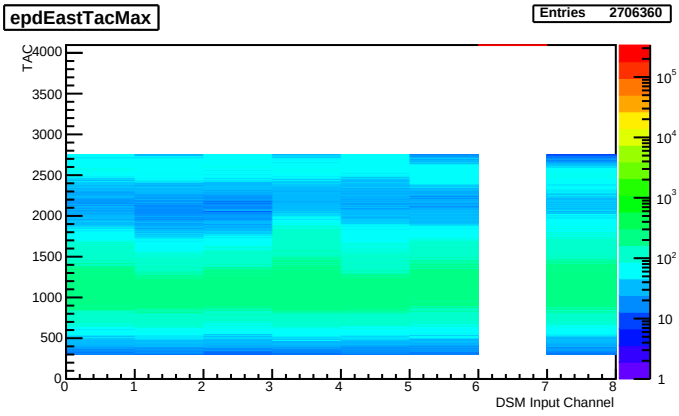
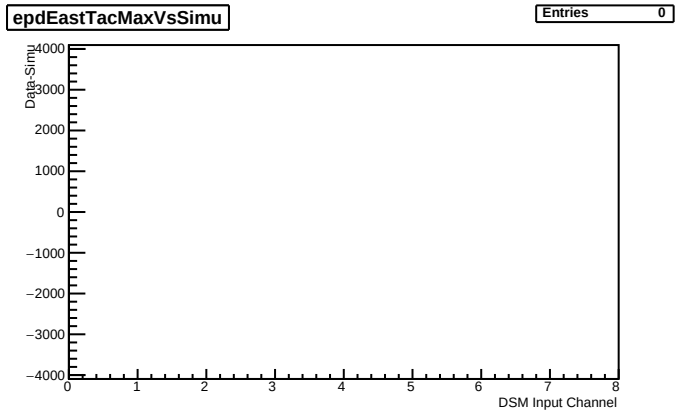
Entries 291125
Data
Simu


epdEastTacMax
Entries 2706360
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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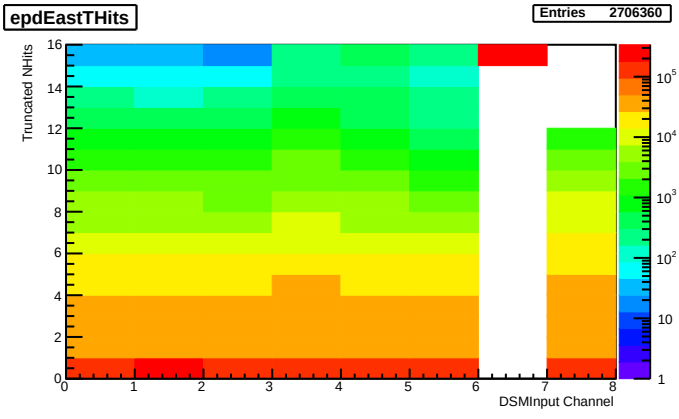
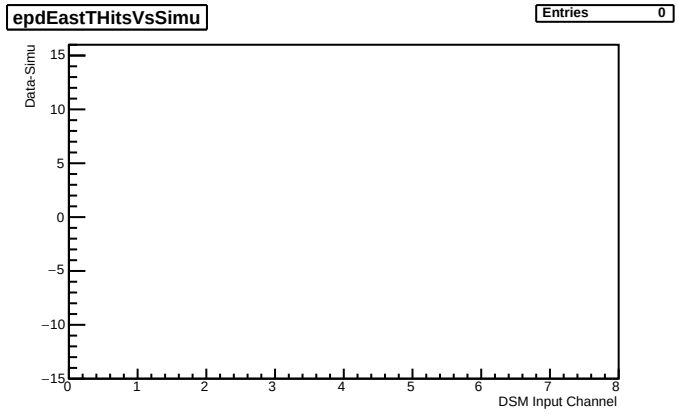

epdEastTHits
Entries 2706360
Truncated NHits
DSMInput Channel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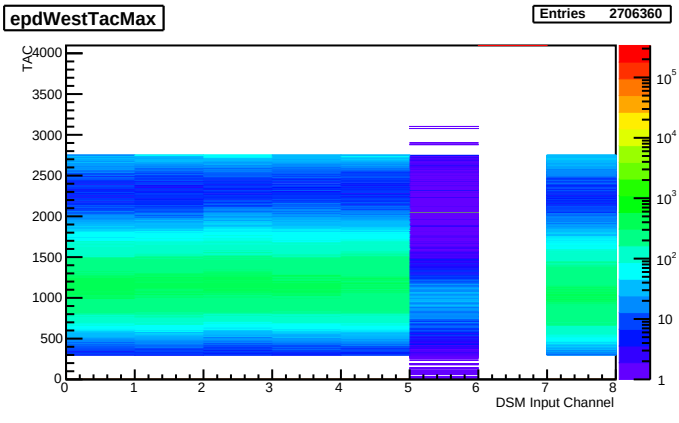
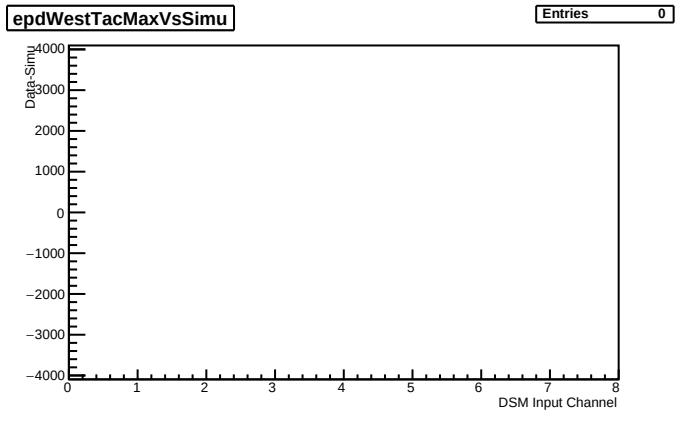
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2706360
TAC
DSM Input Channel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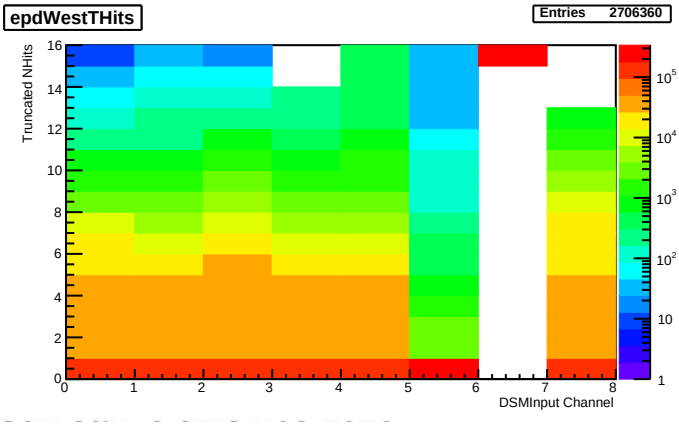
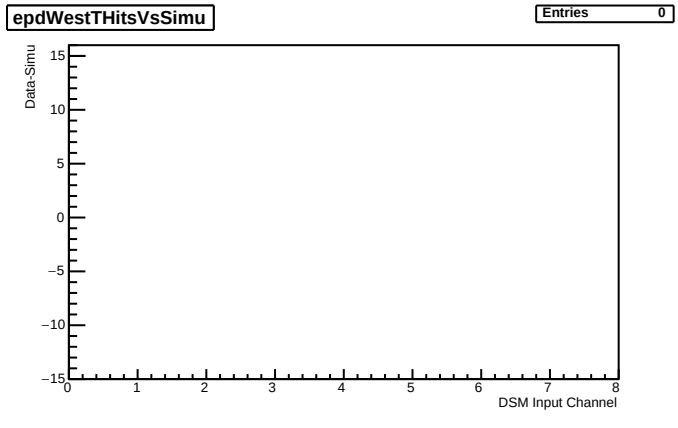
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2706360
Truncated NHits
DSMInput Channel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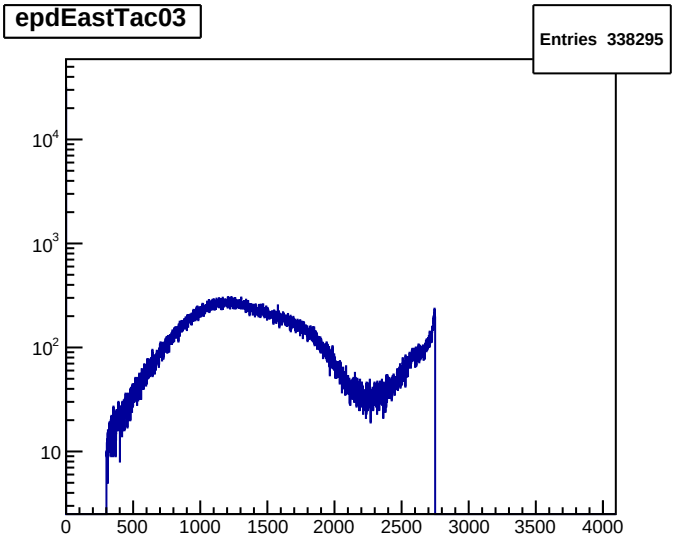
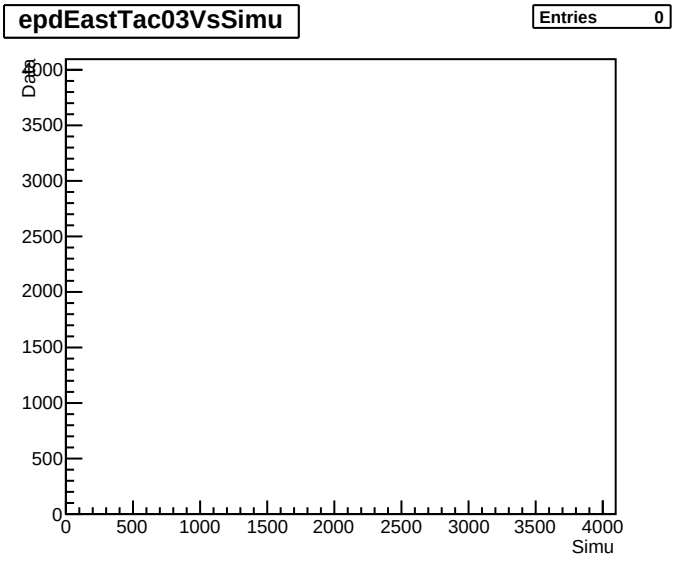
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 338295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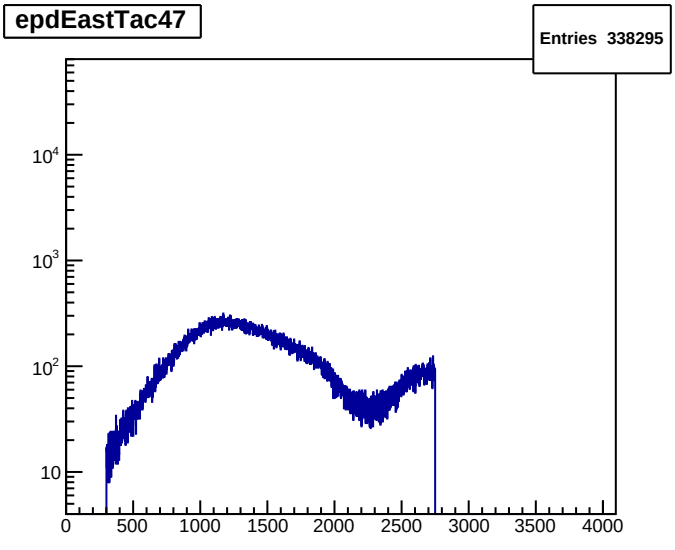
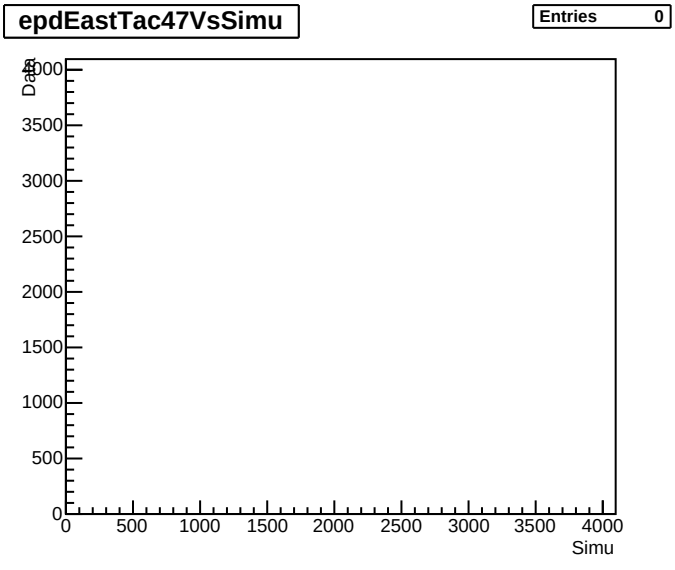
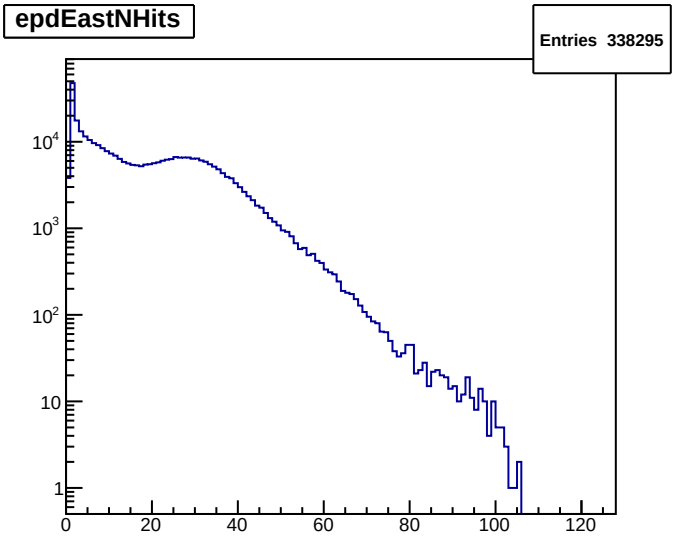
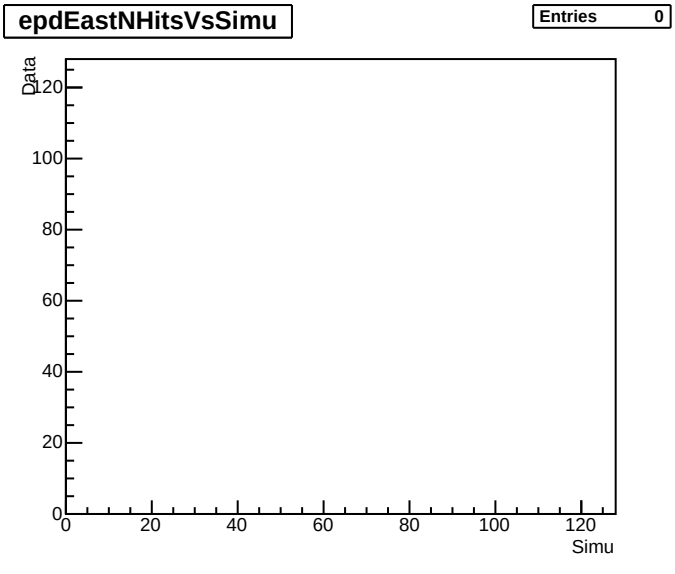
Entries 0
Data
Simu


epdEastTac47
Entries 338295


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 338295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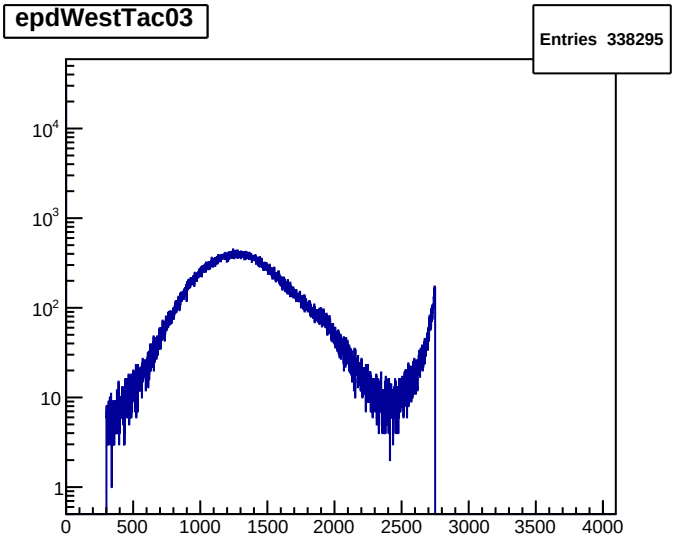
Entries 0
Data
Simu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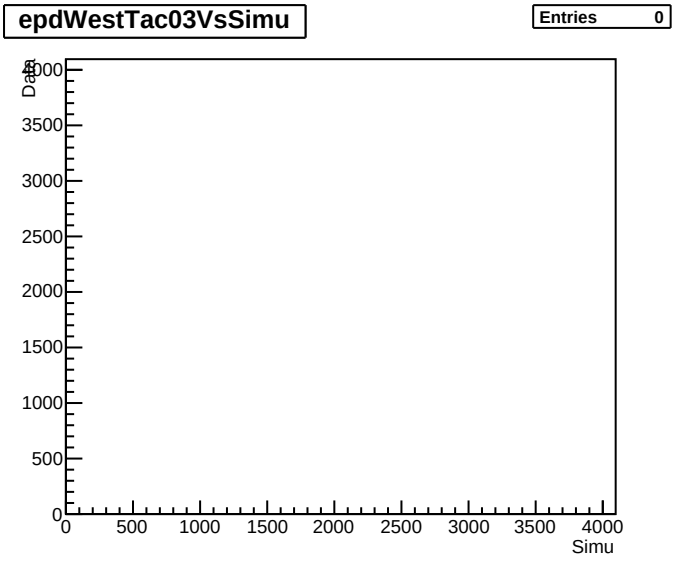
Entries 338295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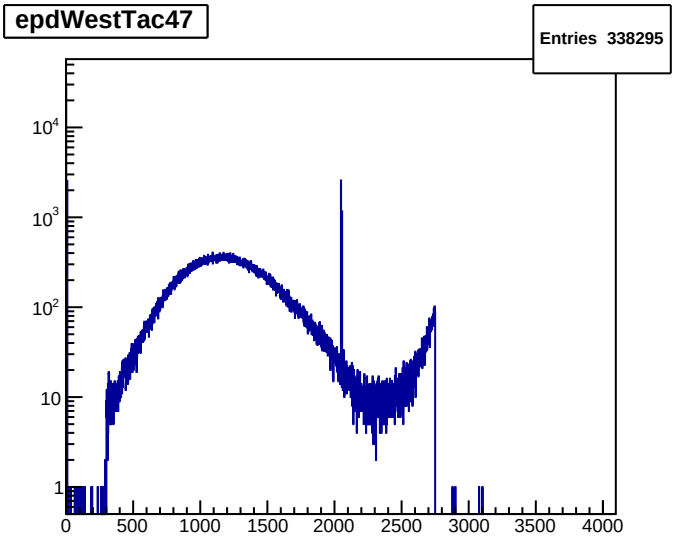
Entries 0
Data
Simu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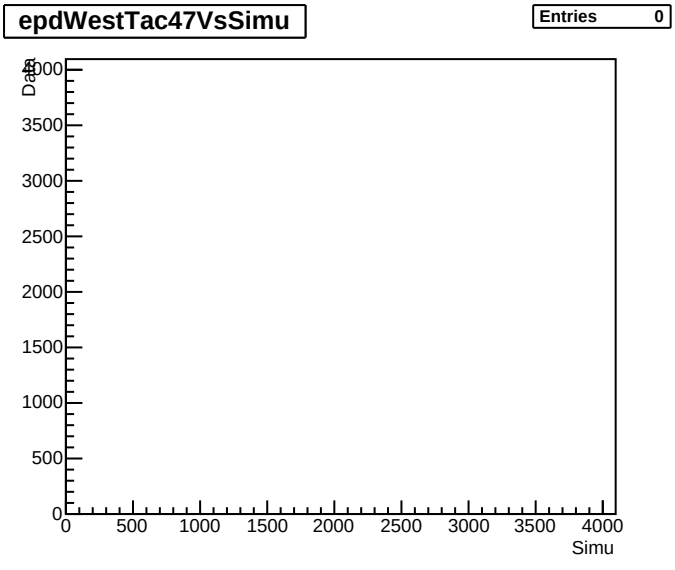
Entries 338295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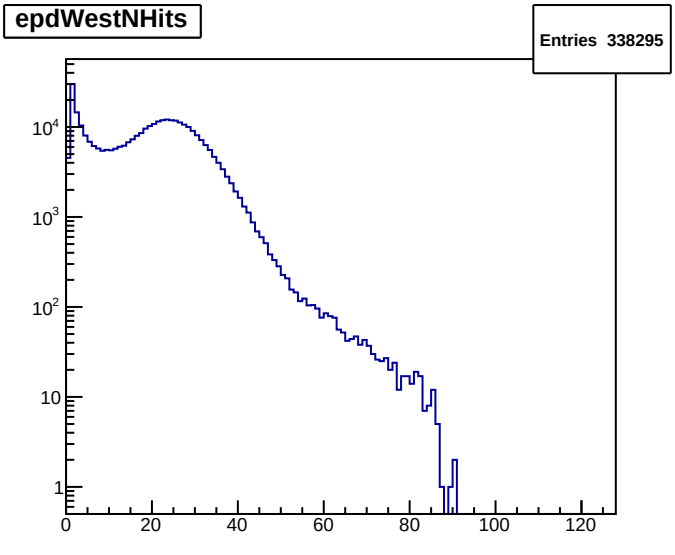
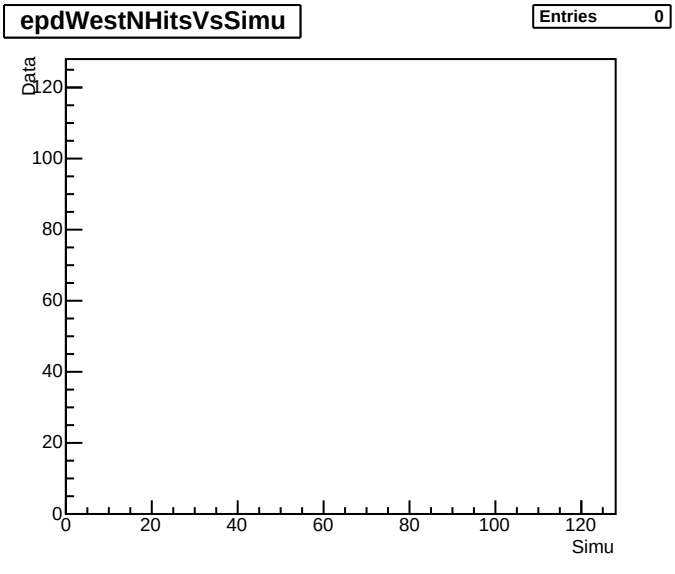
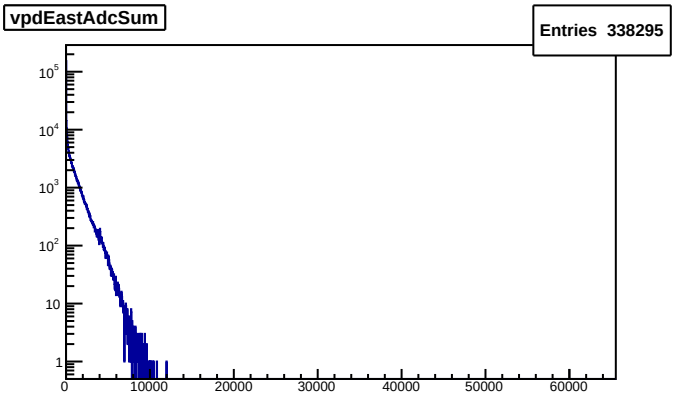
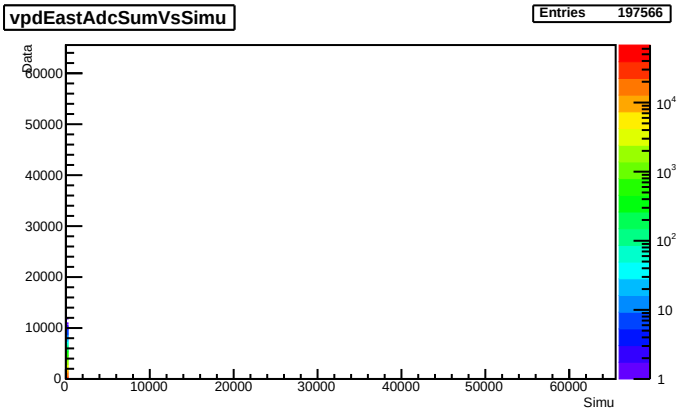
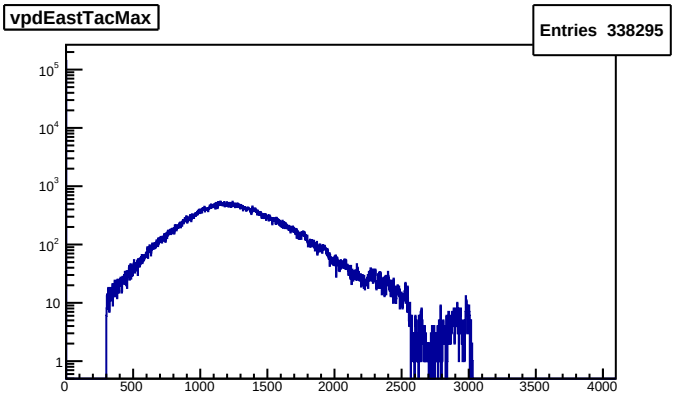
Entries 0
Data
Simu

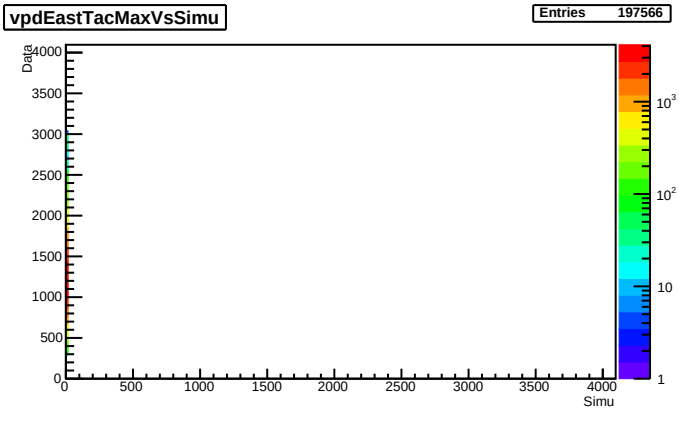

epdWestNHits
Entries 338295


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 338295


vpdEastAdcSumVsSimu
Entries 197566
Data
Simu


vpdEastTacMax
Entries 338295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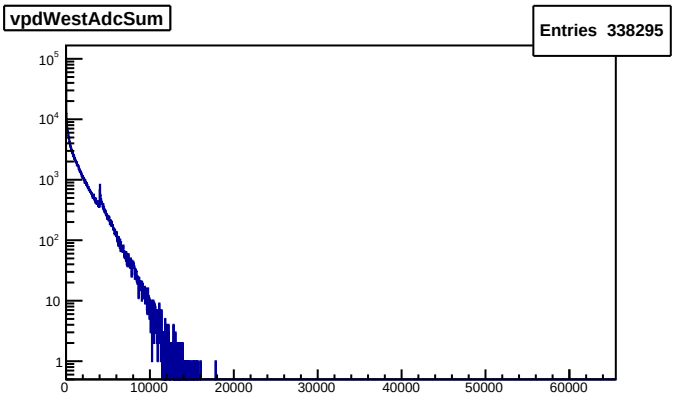
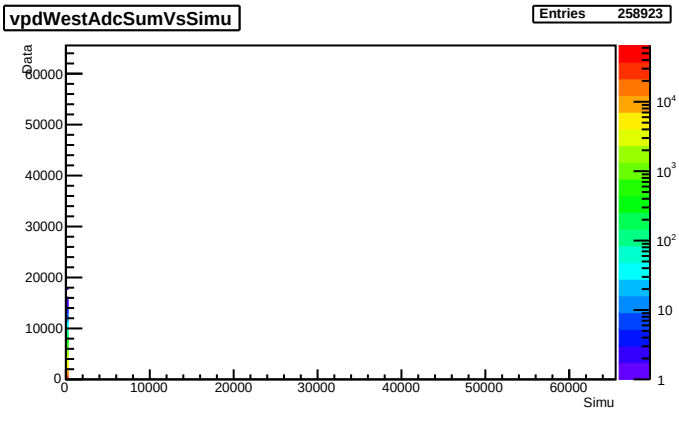
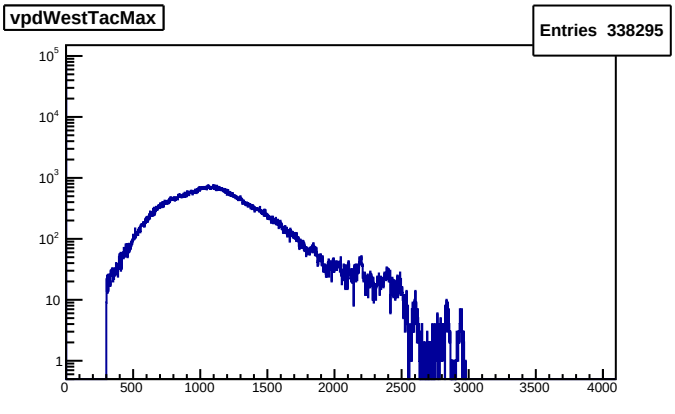
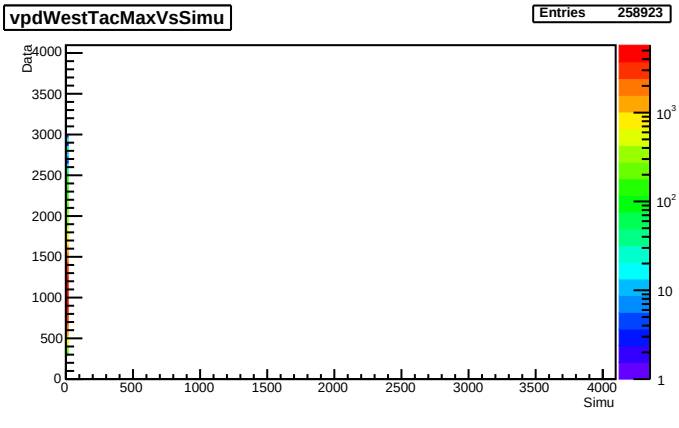
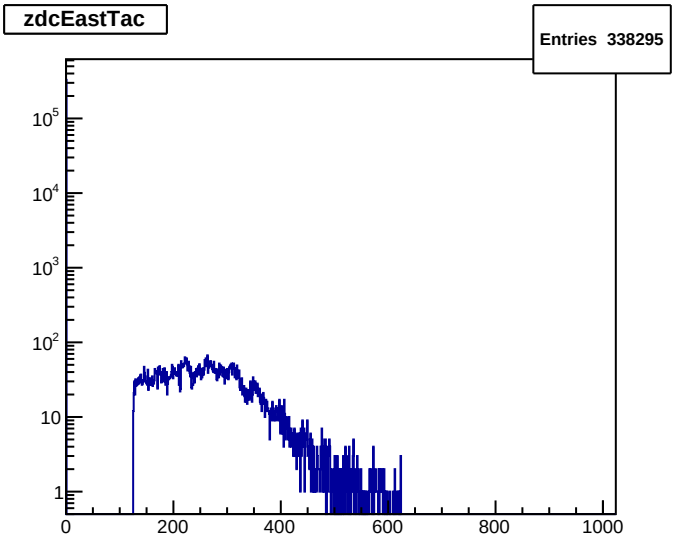
Entries 197566
Data
Simu

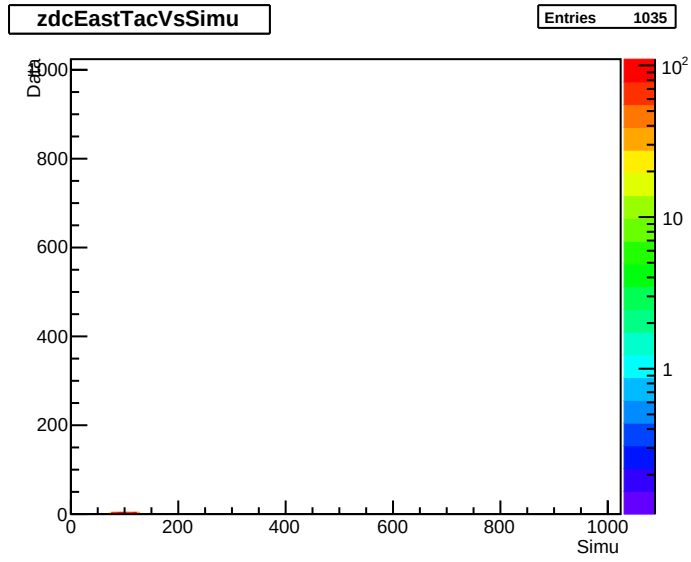

vpdWestAdcSum
Entries 338295

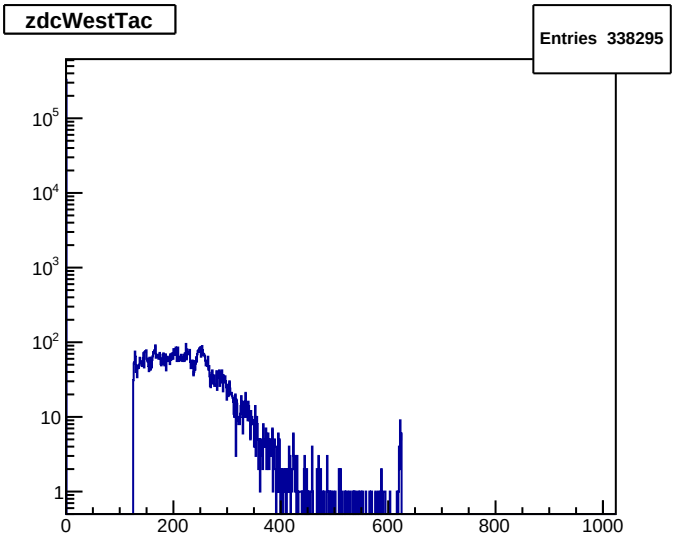

vpdWestAdcSumVsSimu
Entries 258923
Data
Simu

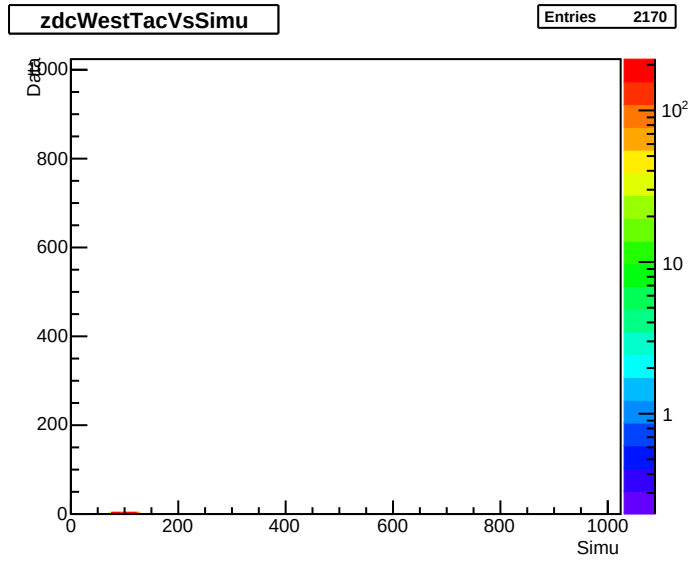

vpdWestTacMax
Entries 338295

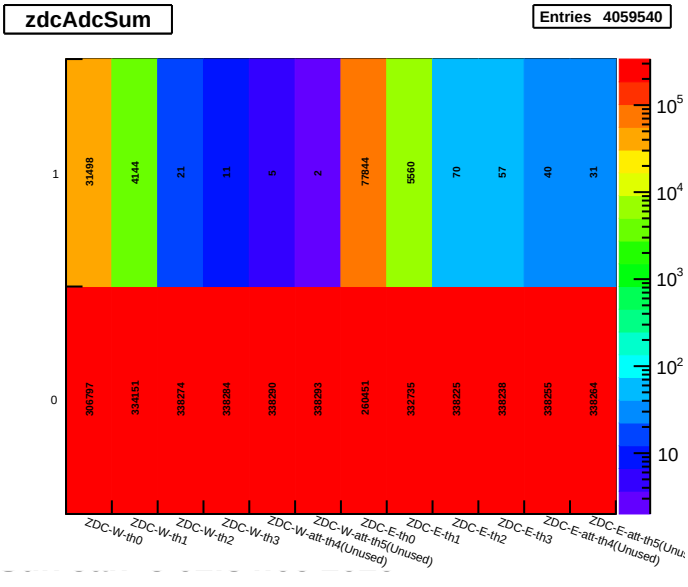

vpdWestTacMaxVsSimu
Entries 258923
Data
Simu

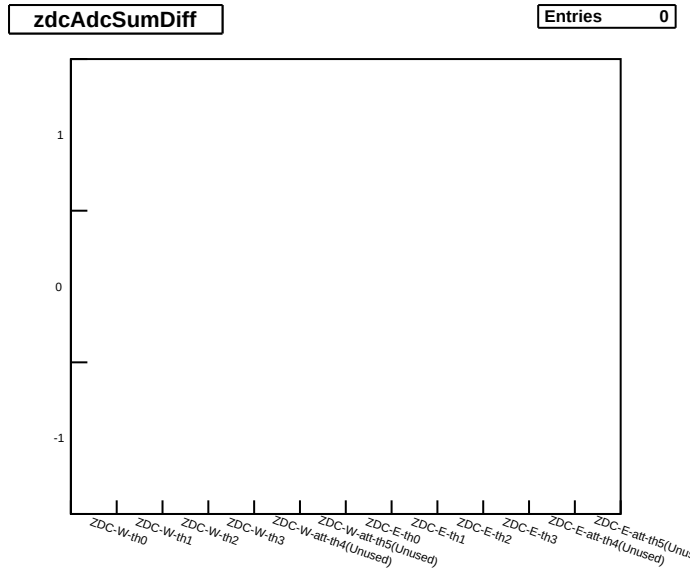

zdcEastTac
Entries 338295

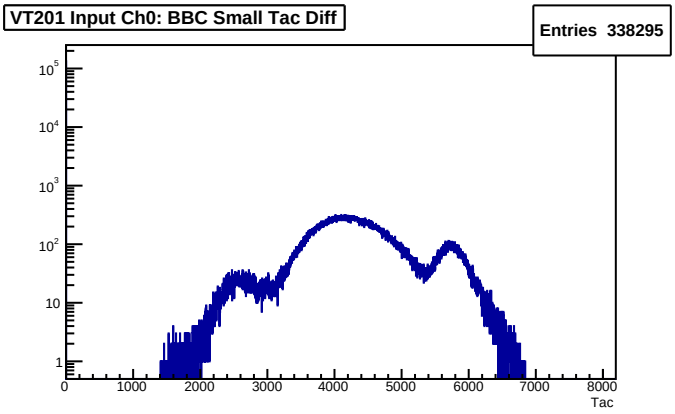

zdcEastTacVsSimu
Entries 1035
Data
Simu

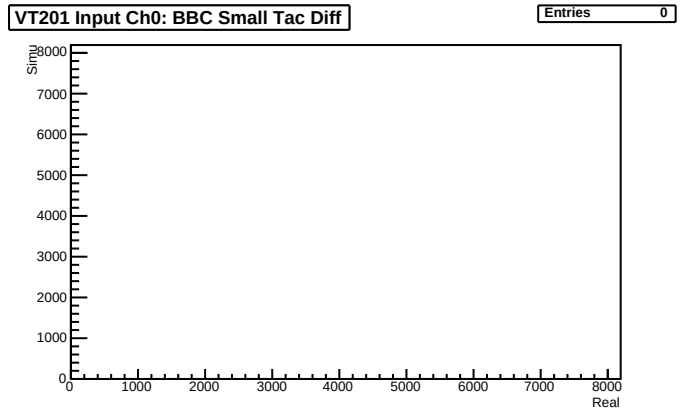

zdcWestTac
Entries 338295

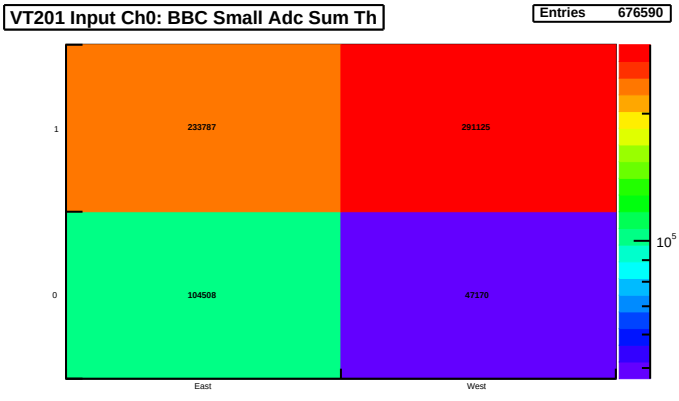

zdcWestTacVsSimu
Entries 2170
Data
Simu

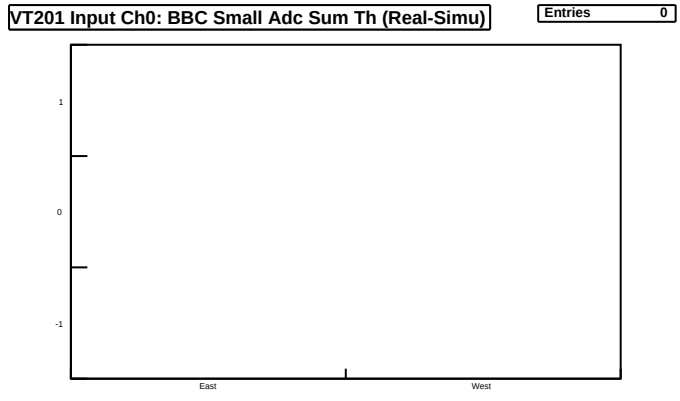

zdcAdcSum
Entries 4059540
31498
4144
21
11
5
2
77844
5560
70
57
40
31
306797
334151
338274
338284
338290
338293
260451
332735
338225
338238
338255
338284
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

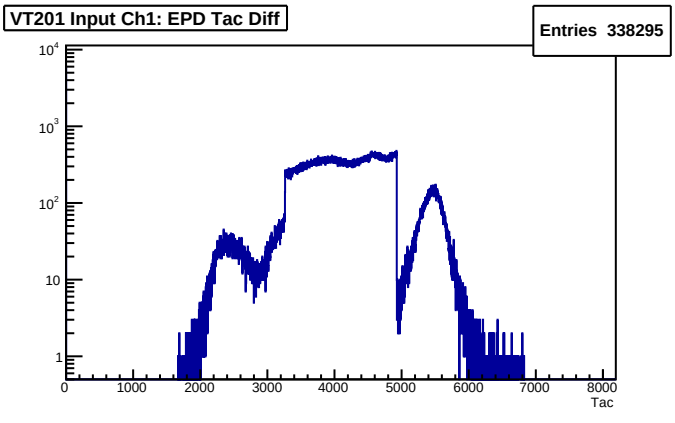

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

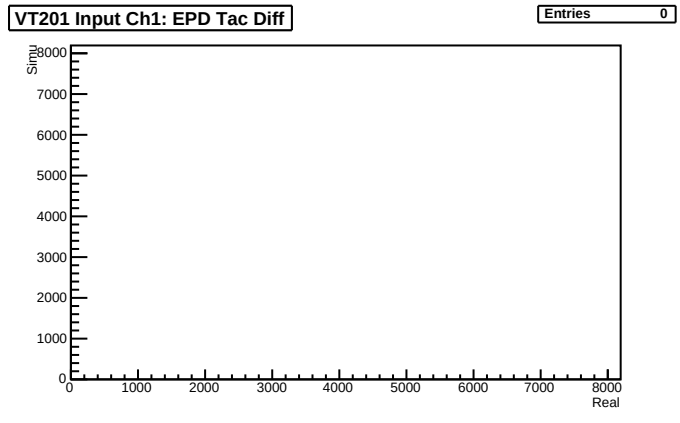

VT201 Input Ch0: BBC Small Tac Diff
Entries 338295
Tac

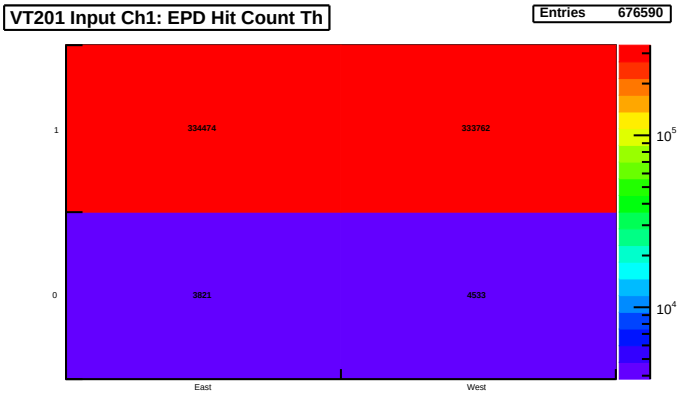

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

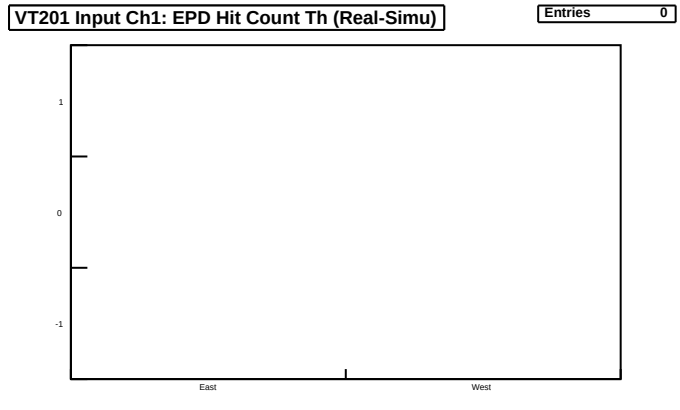

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 676590
233787
291125
104508
47170
East
West

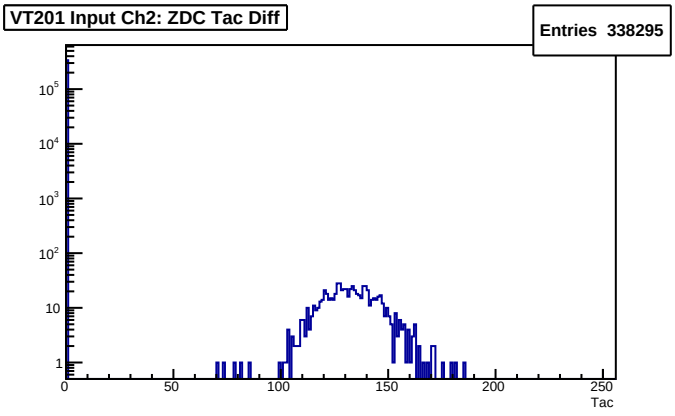

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

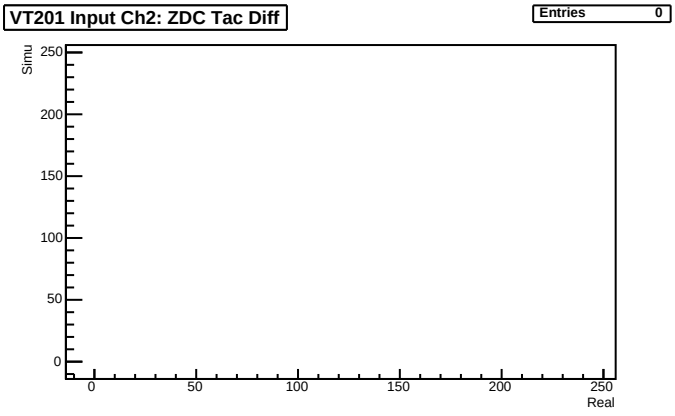

VT201 Input Ch1: EPD Tac Diff
Entries 338295
Tac

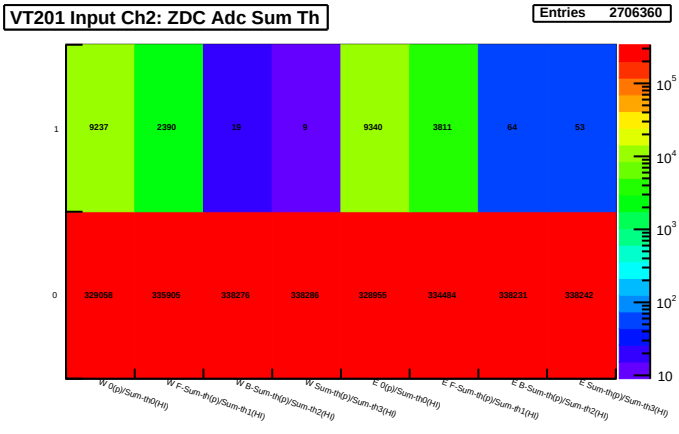

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

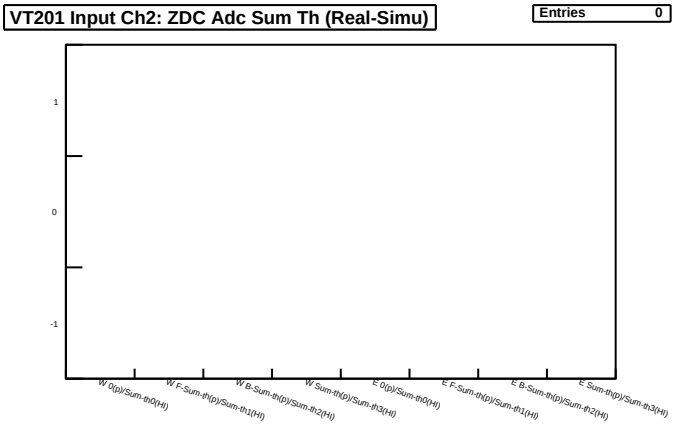

VT201 Input Ch1: EPD Hit Count Th
Entries 676590
334474
333762
3821
4533
East
West

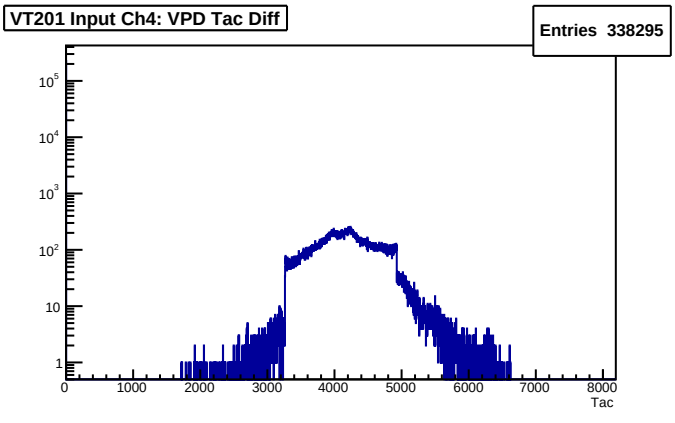

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

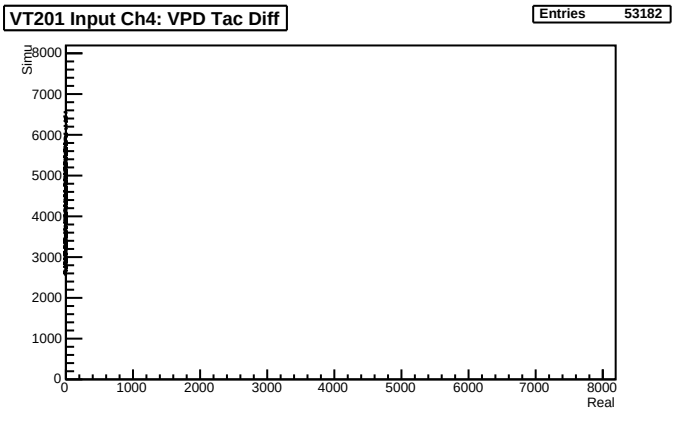

VT201 Input Ch2: ZDC Tac Diff
Entries 338295
Tac

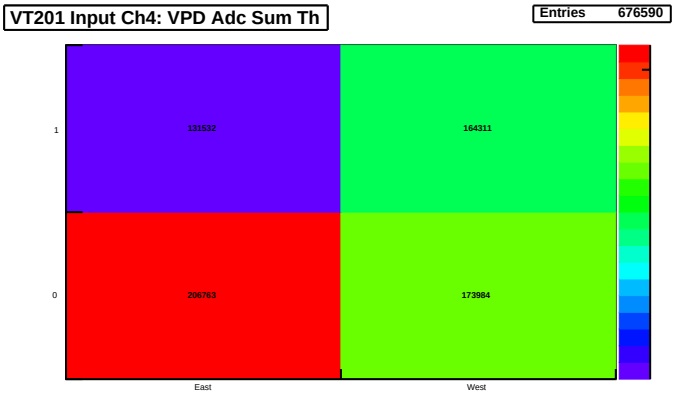

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

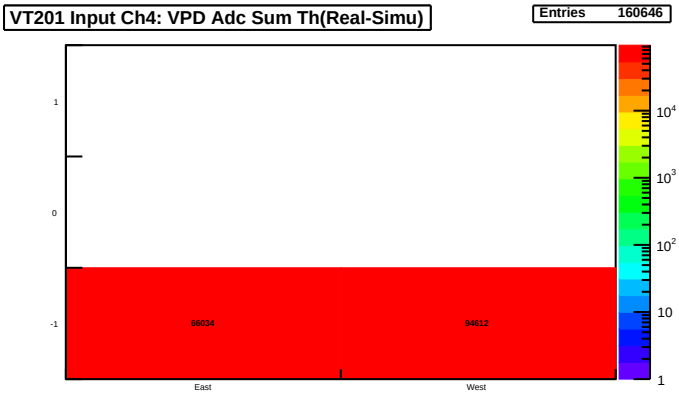

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2706360
9237
2390
19
9
9340
3811
64
53
329058
335905
338276
338286
328955
334484
338231
338242
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

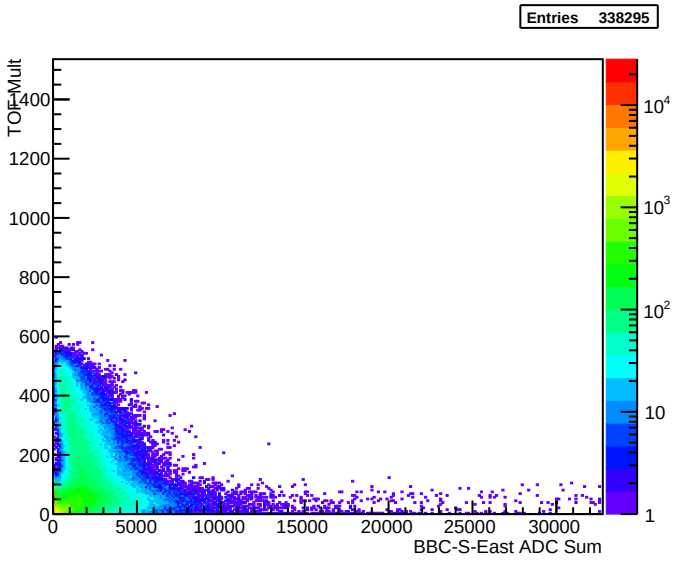

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

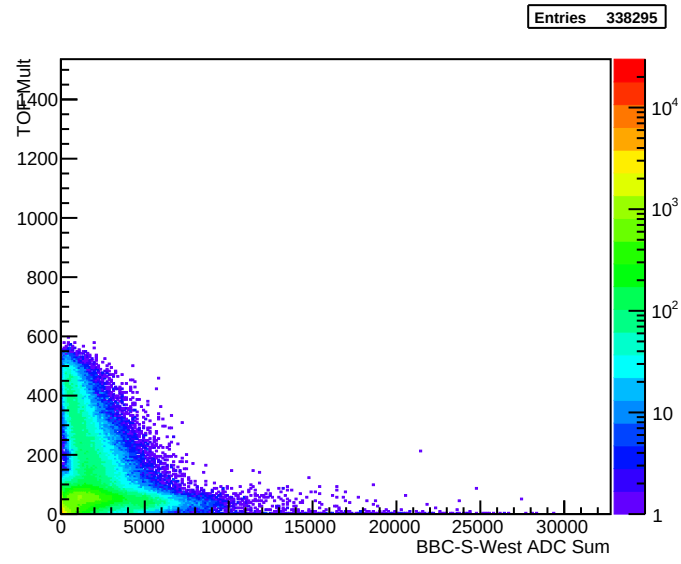

VT201 Input Ch4: VPD Tac Diff
Entries 338295
Tac

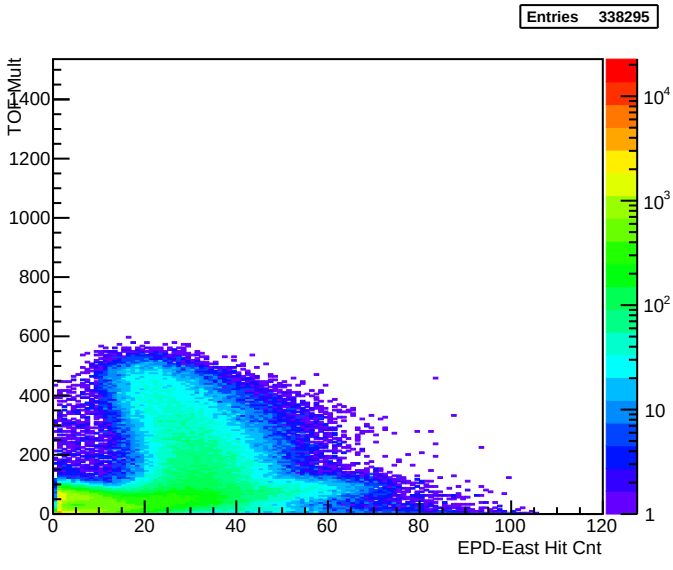

VT201 Input Ch4: VPD Tac Diff
Entries 53182
Simu
Real

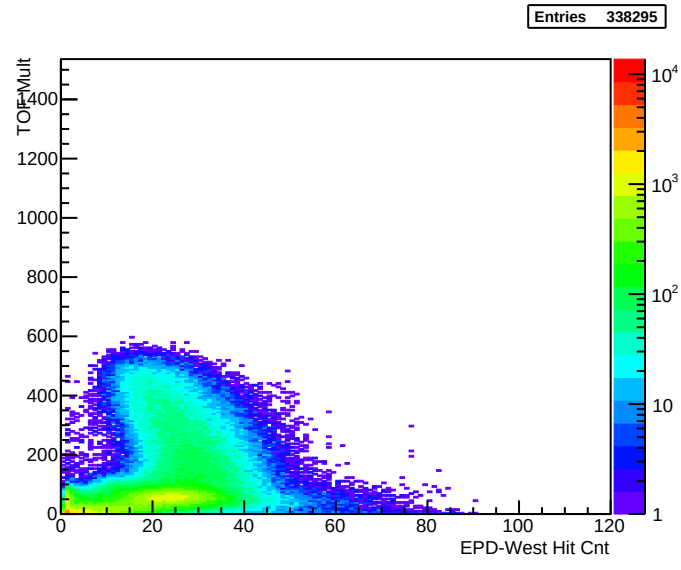

VT201 Input Ch4: VPD Adc Sum Th
Entries 676590
131532
164311
206763
173984
East
West

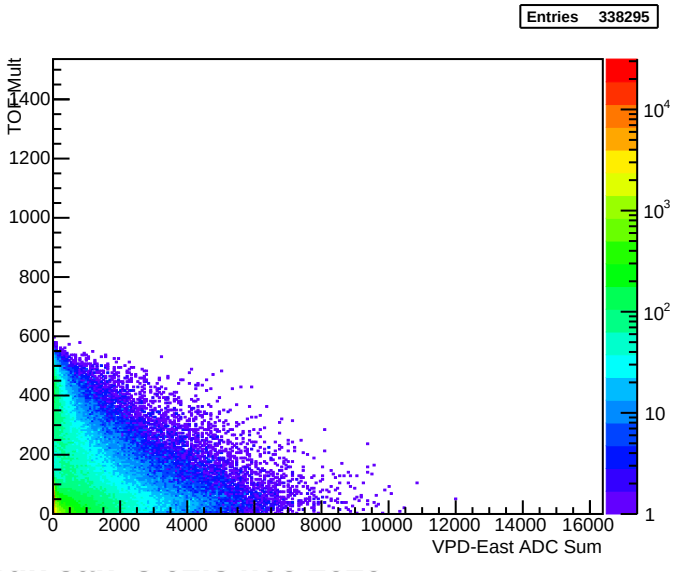

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 160646
66034
94612
East
West

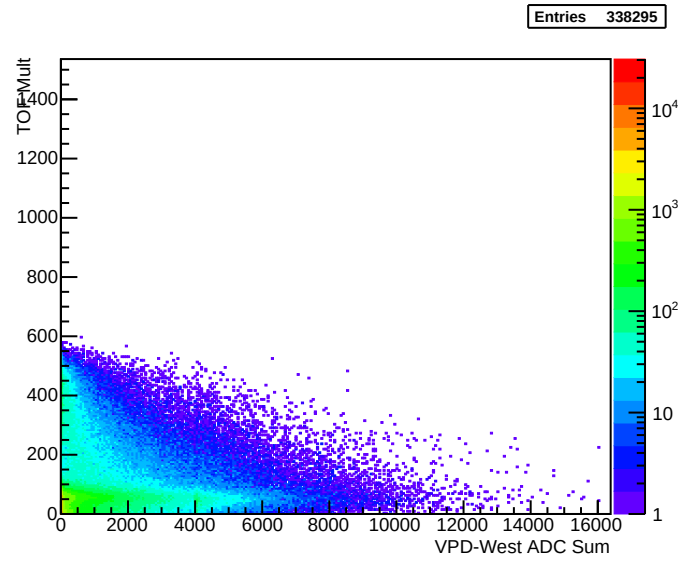

Entries 338295
TOF-Mult
BBC-S-East ADC Sum

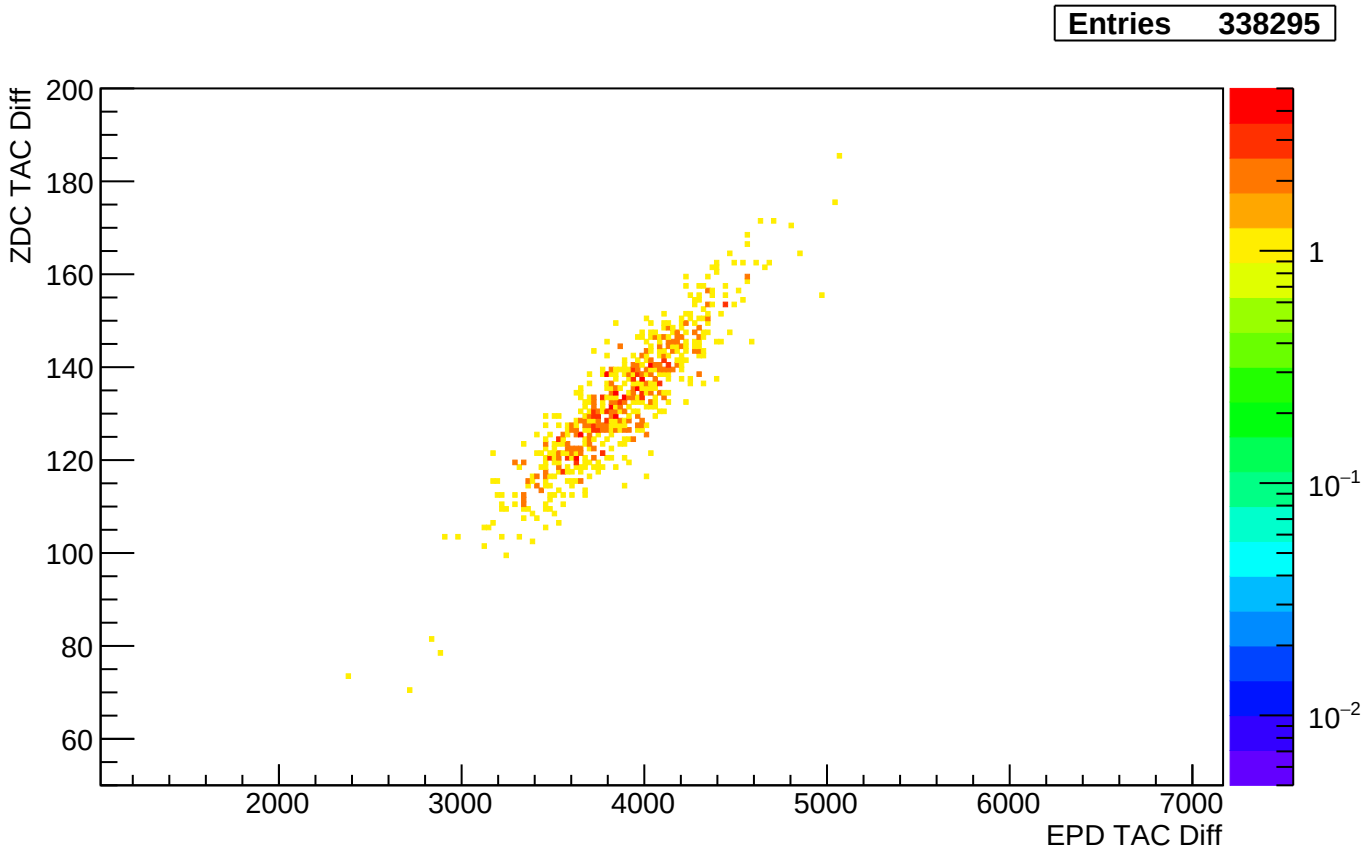

Entries 338295
TOF-Mult
BBC-S-West ADC Sum

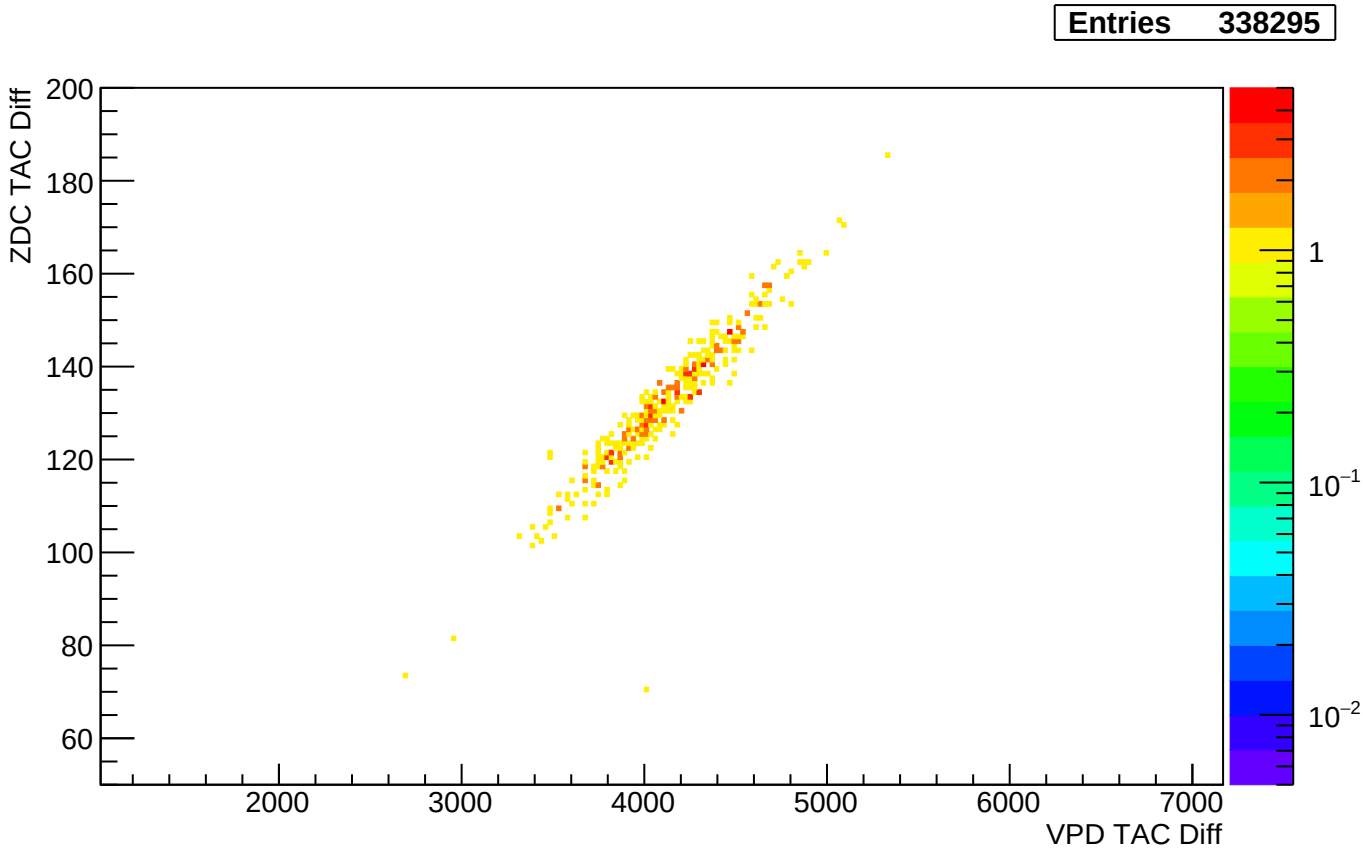

Entries 338295
TOF-Mult
EPD-East Hit Cnt

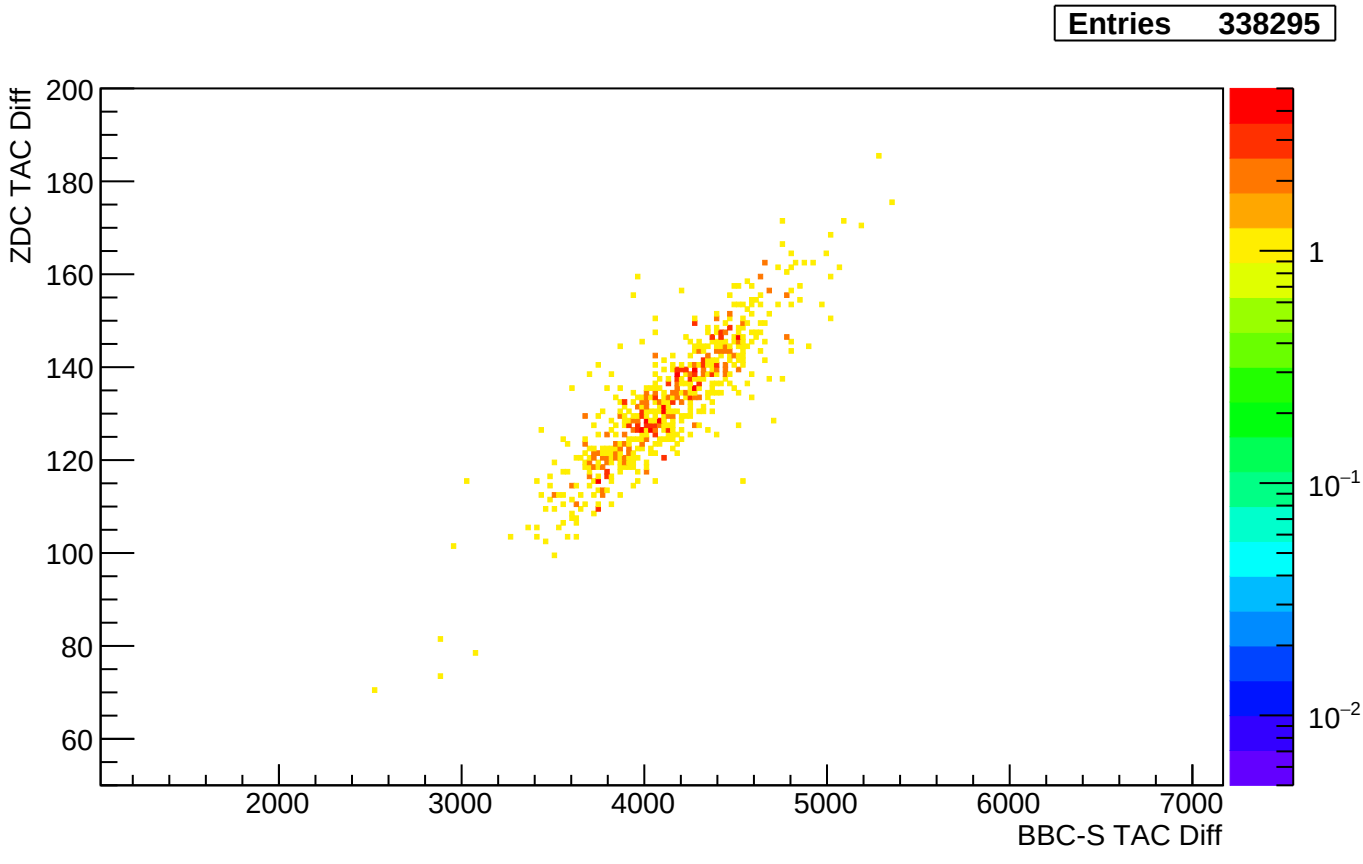

Entries 338295
TOF-Mult
EPD-West Hit Cnt

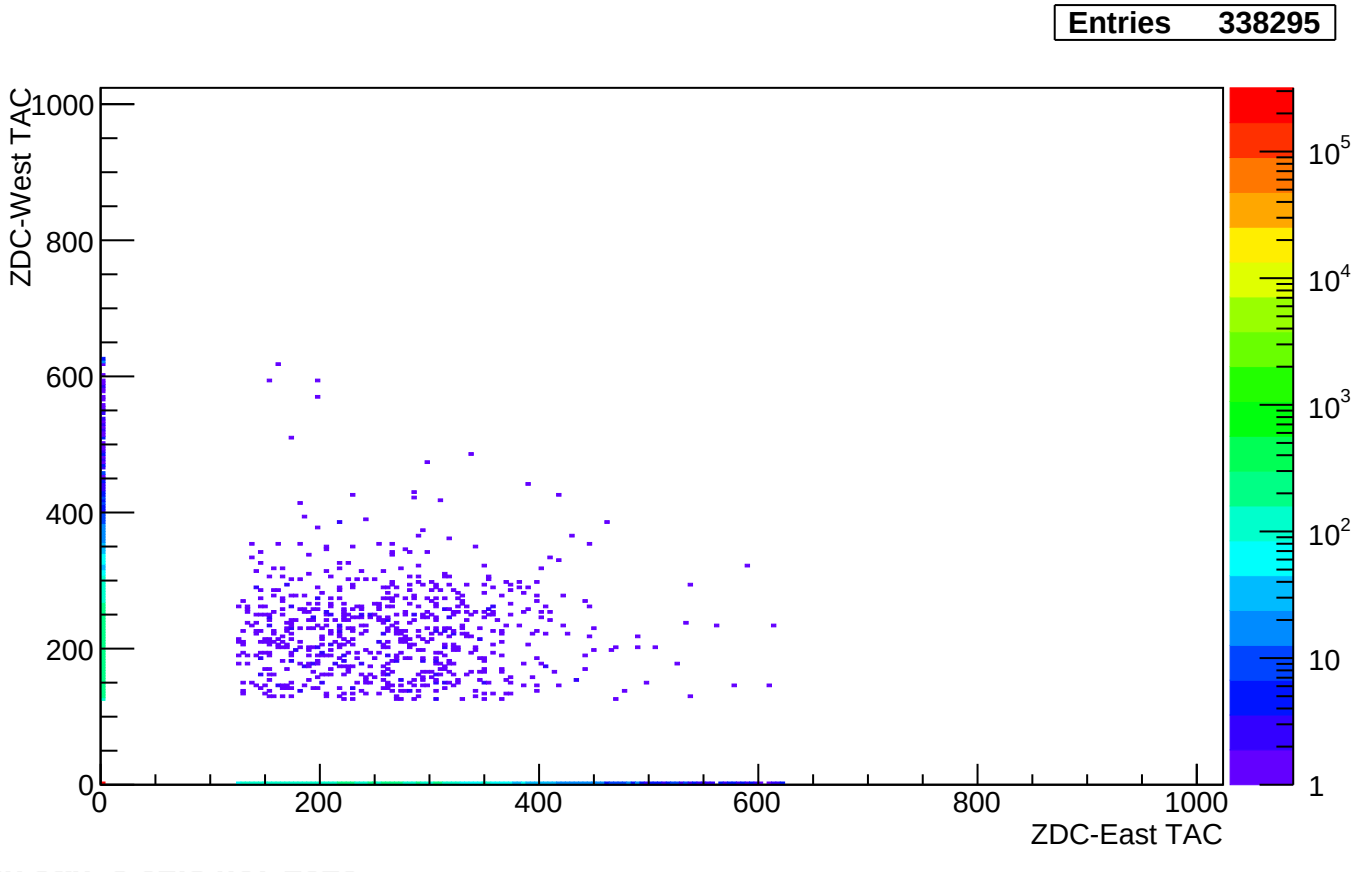

Entries 338295
TOF-Mult
VPD-East ADC Sum

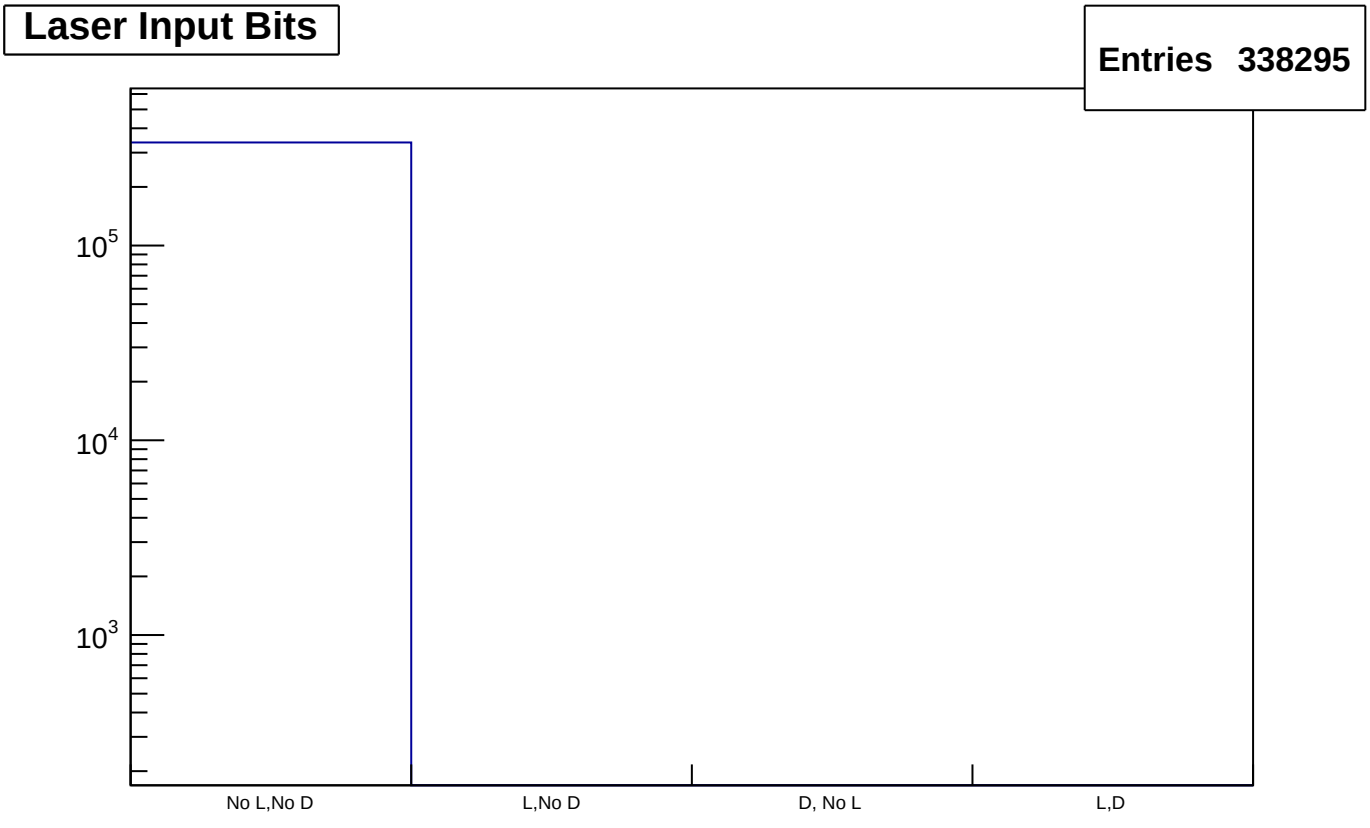

Entries 338295
TOF-Mult
VPD-West ADC Sum

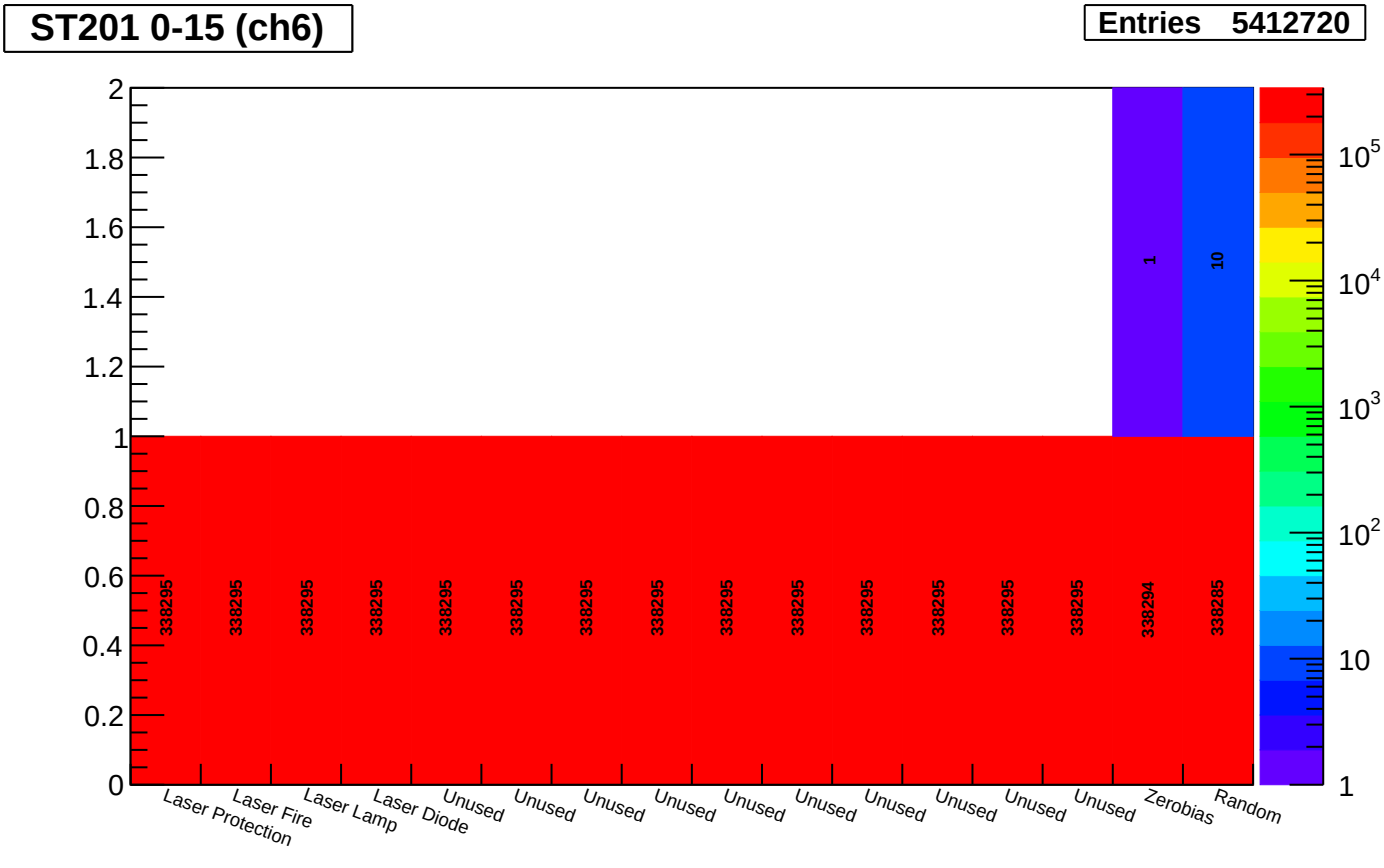

Entries 338295
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

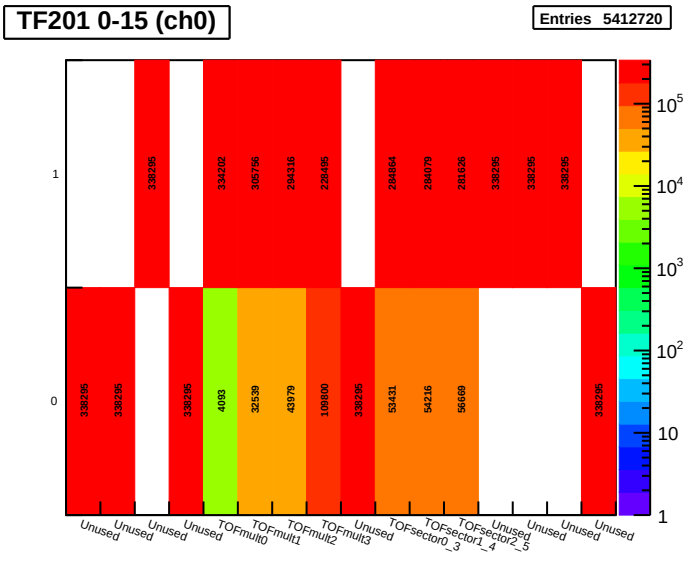

Entries 338295
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

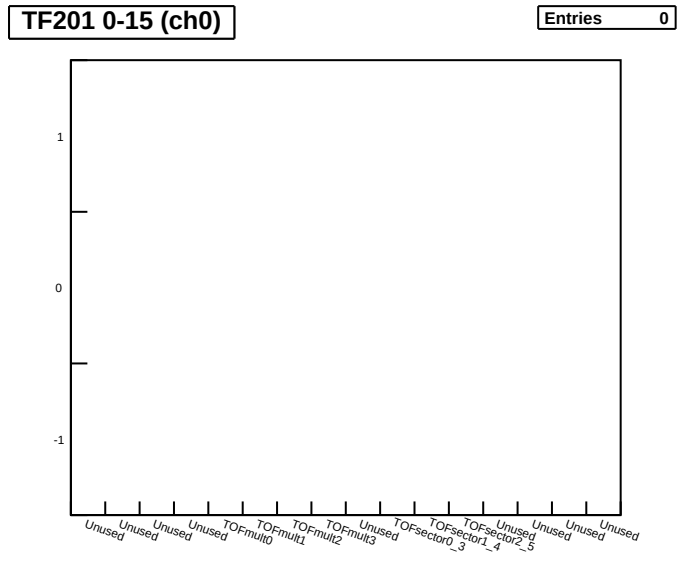

Entries 338295
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

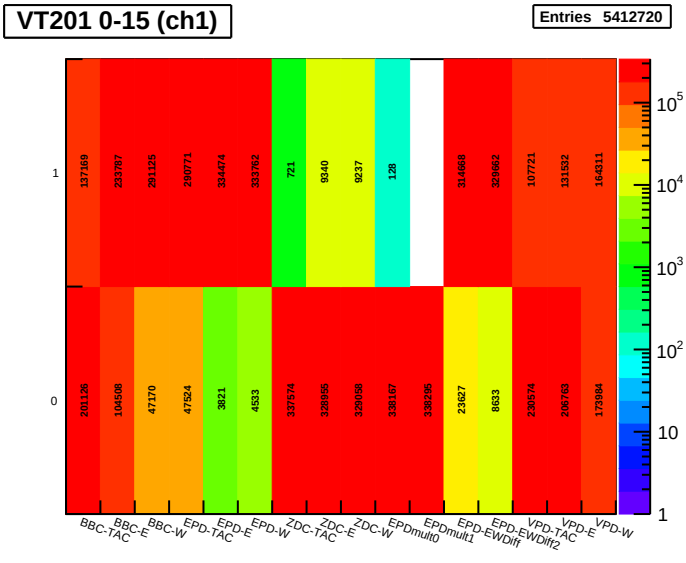

Entries 338295
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

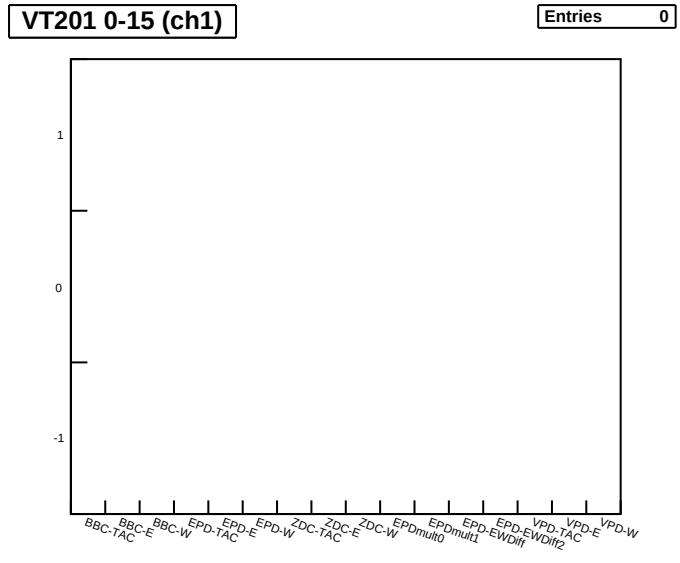

Laser Input Bits
Entries 338295
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

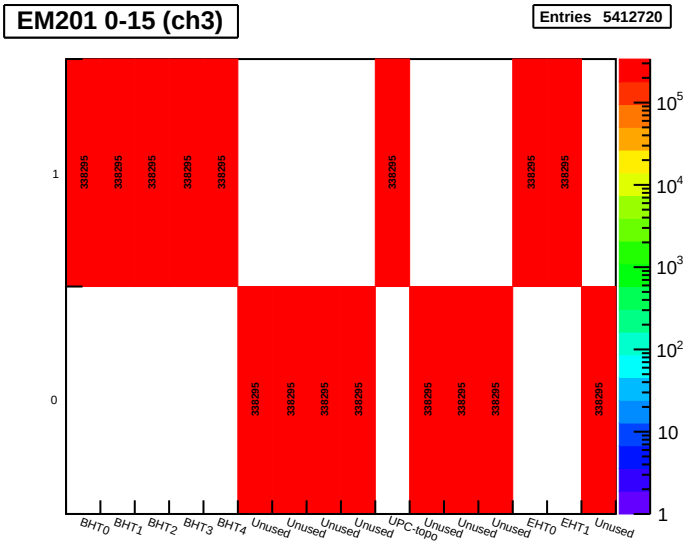

ST201 0-15 (ch6)
Entries 5412720
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
338295
338295
338295
338295
338295
338295
338295
338295
338295
338295
338295
338295
338295
338295
338294
338285
1
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

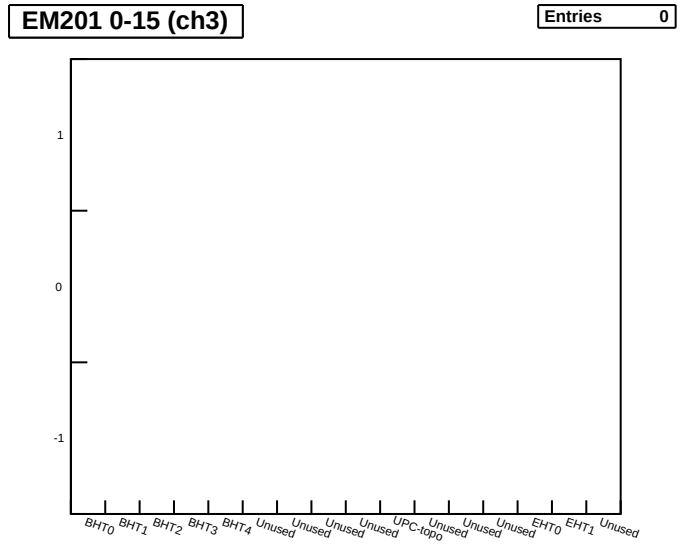

TF201 0-15 (ch0)
Entries 5412720
1
0
338295 338295 338295 338295 334202 305756 294316 229495 294864 294079 281626 338295 338295 338295
338295 338295 338295 4093 32539 43979 109800 338295 53431 54216 56669 338295
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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


VT201 0-15 (ch1)
Entries 5412720
1
0
137169 233787 291125 290771 334474 333762 721 9340 9237 128 314658 329662 107721 131532 164311
201126 104508 47170 47524 3821 4533 337574 328955 329058 338167 338295 23627 8633 230574 206763 173984
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 5412720
1
0
338295 338295 338295 338295 338295 338295 338295 338295
338295 338295 338295 338295 338295 338295 338295 338295
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