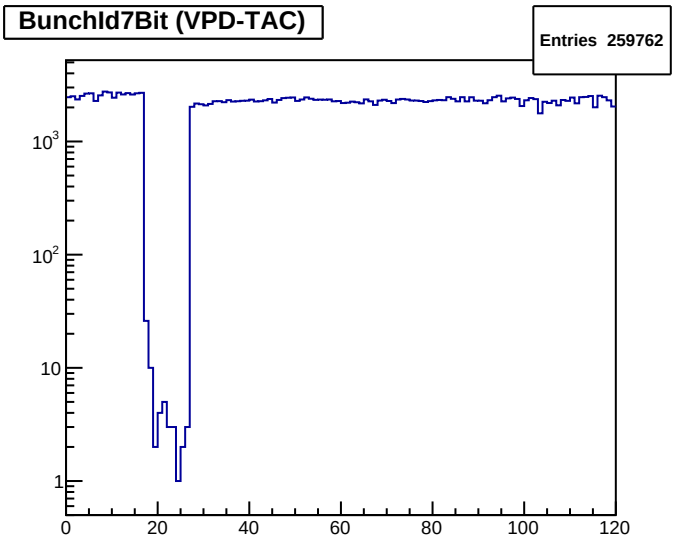
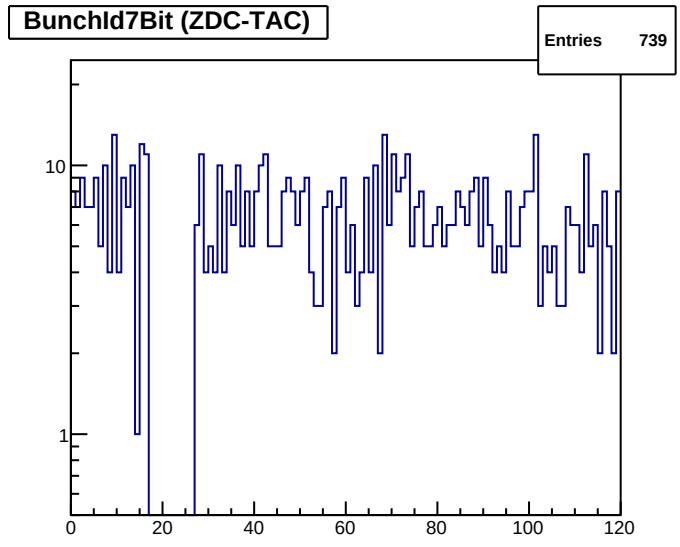
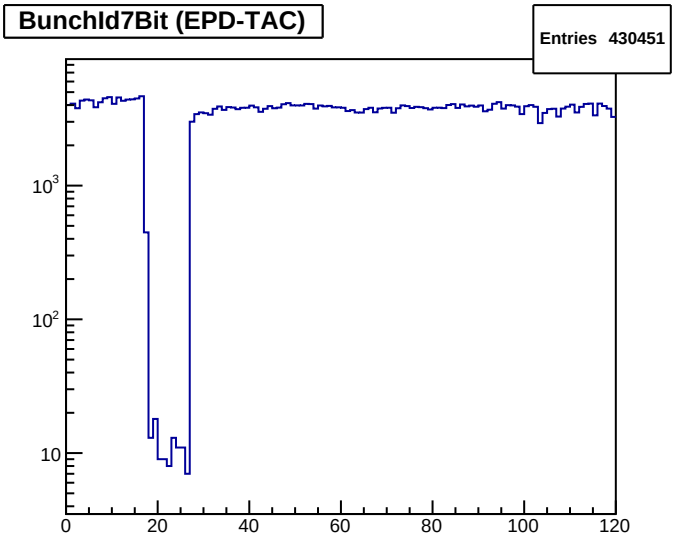
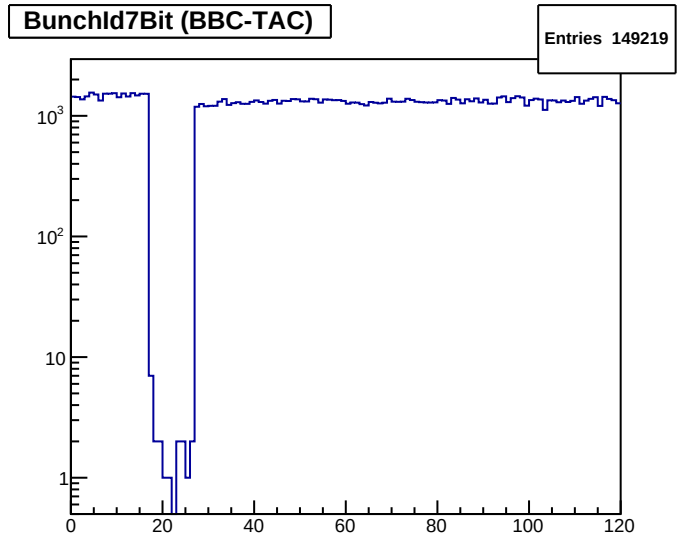
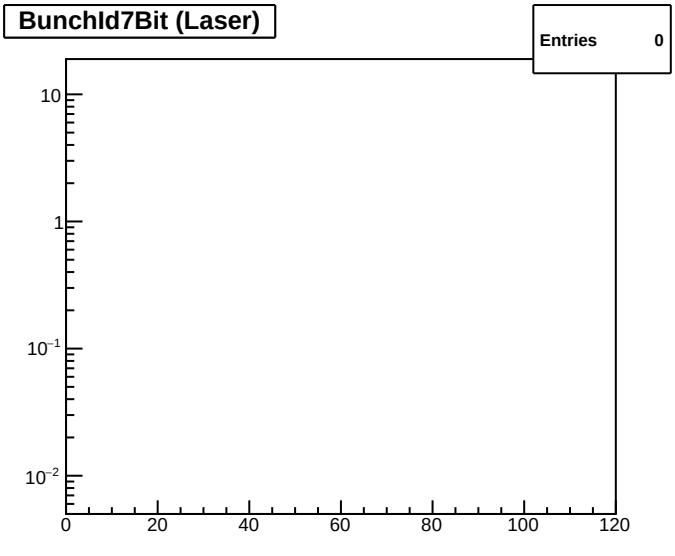
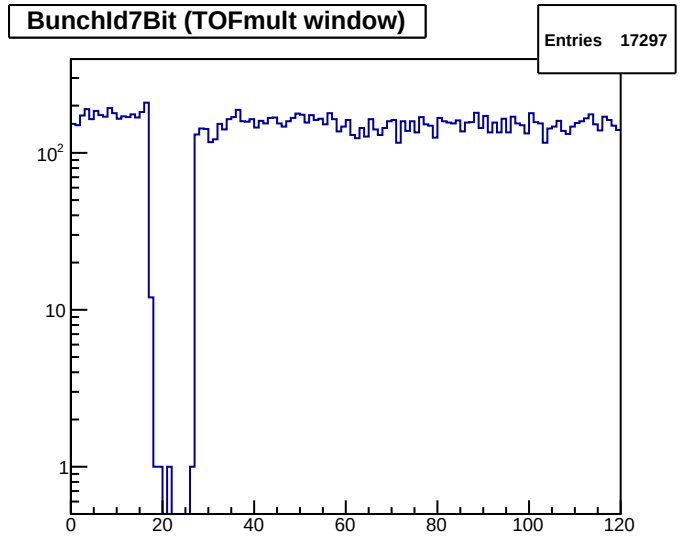

BunchId7Bit (VPD-TAC)
Entries 259762

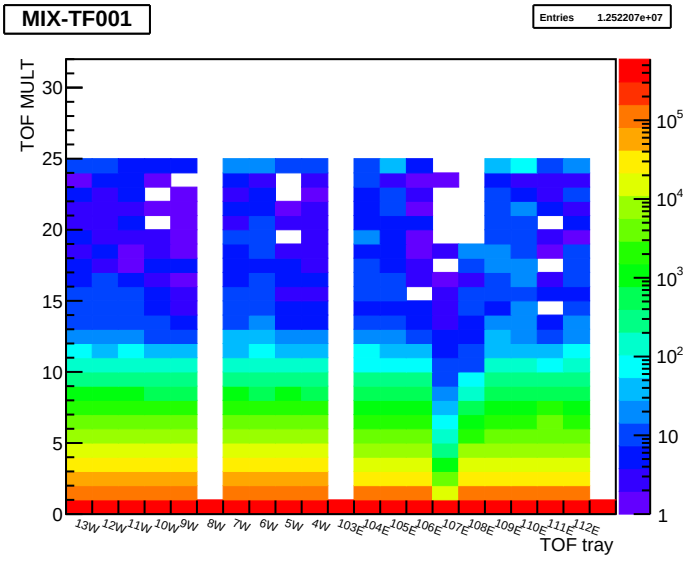

BunchId7Bit (ZDC-TAC)
Entries 739

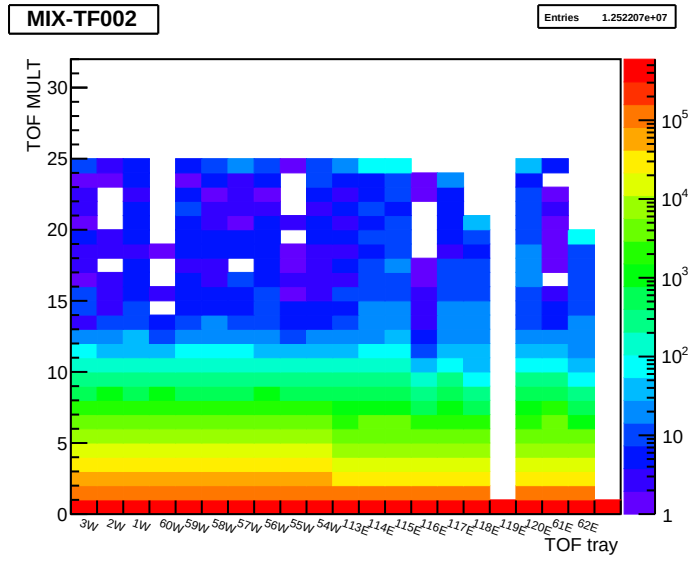

BunchId7Bit (EPD-TAC)
Entries 430451

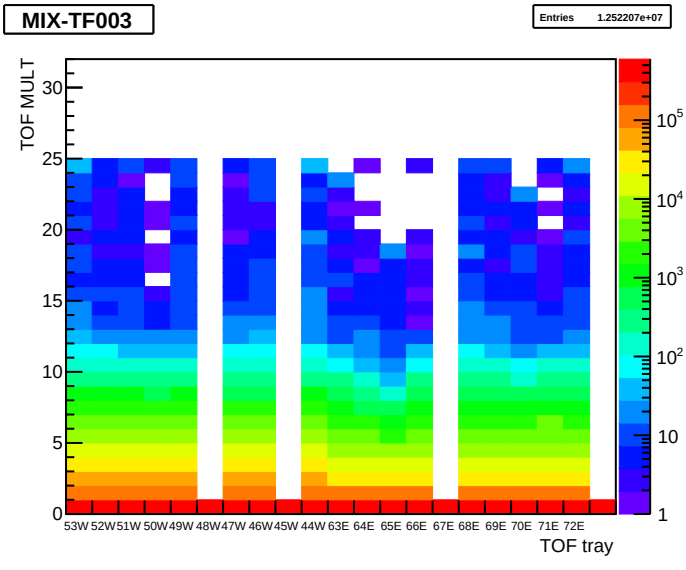

BunchId7Bit (BBC-TAC)
Entries 149219

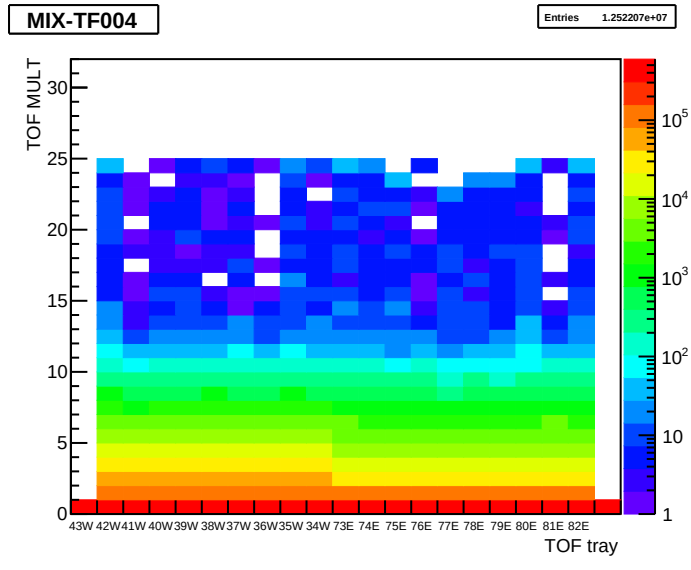

BunchId7Bit (Laser)
Entries 0

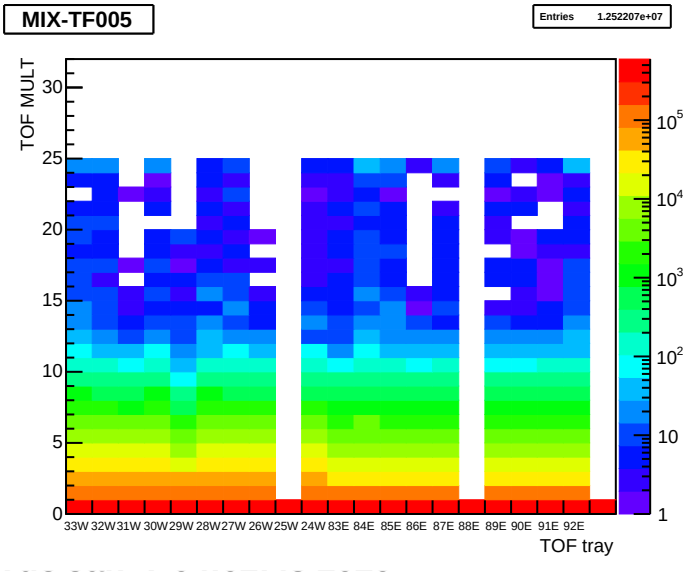

BunchId7Bit (TOFmult window)
Entries 17297

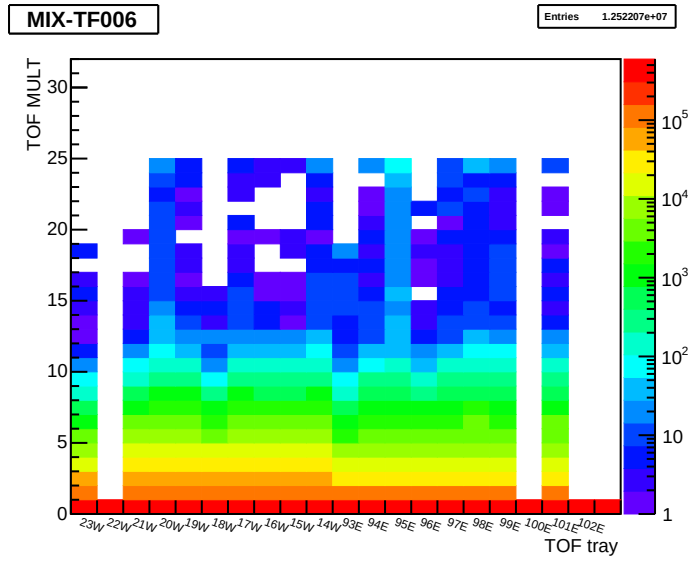

MIX-TF001
Entries 1.252207e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

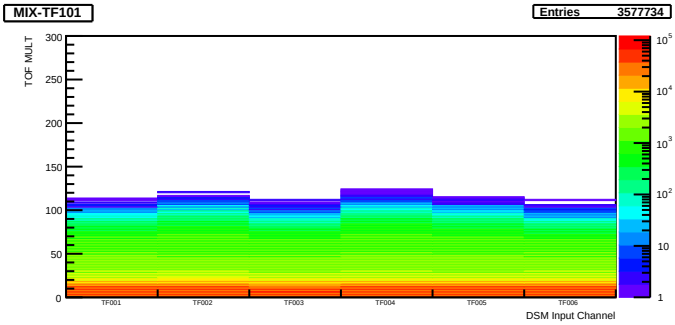

MIX-TF002
Entries 1.252207e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

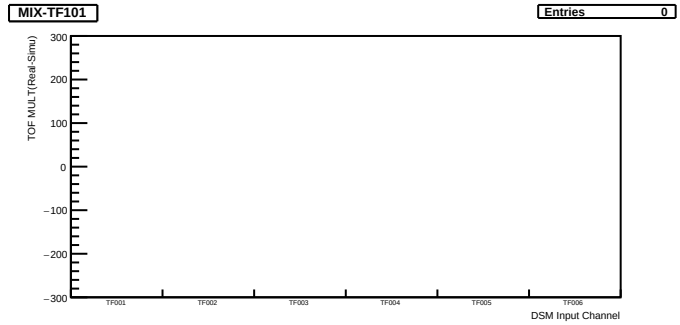

MIX-TF003
Entries 1.252207e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

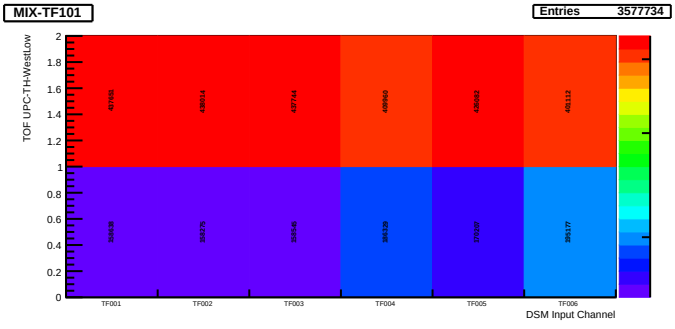

MIX-TF004
Entries 1.252207e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

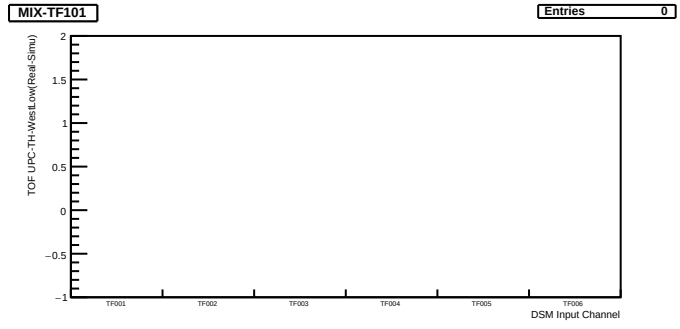

MIX-TF005
Entries 1.252207e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

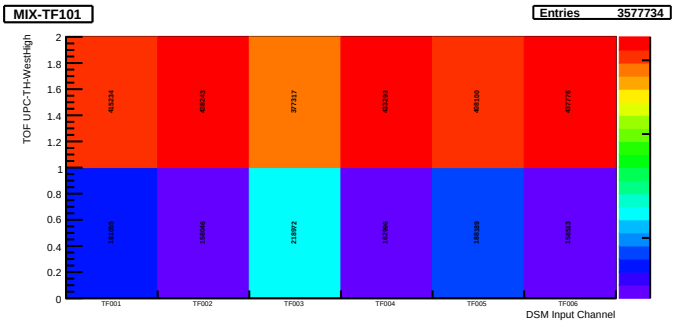

MIX-TF006
Entries 1.252207e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

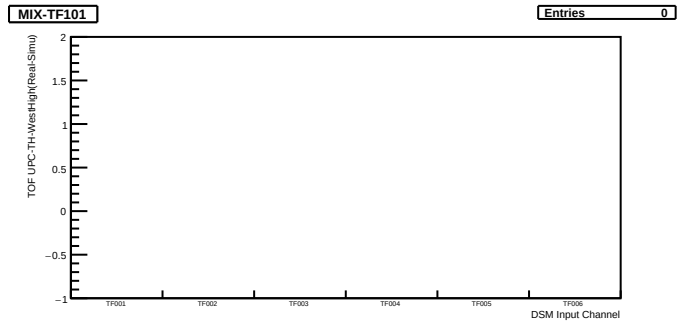

MIX-TF101
Entries 3577734
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

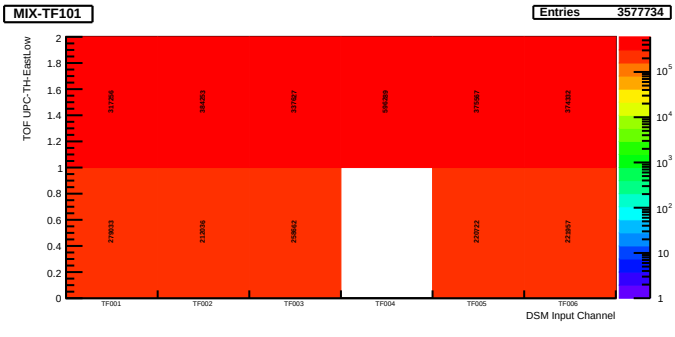

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

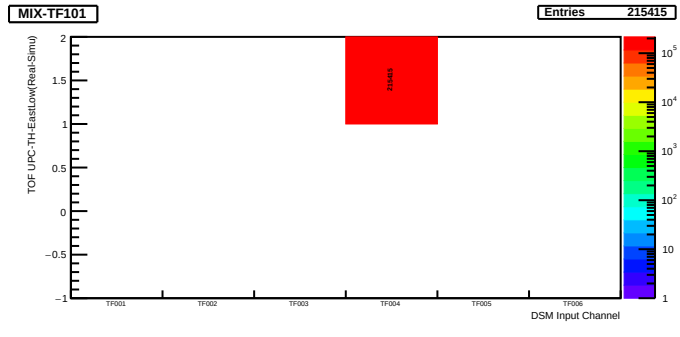

MIX-TF101
Entries 3577734
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

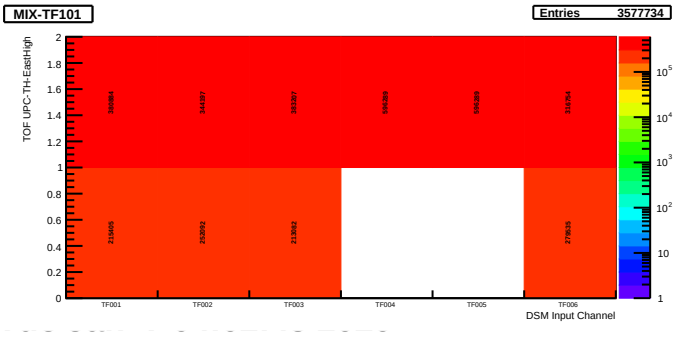

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

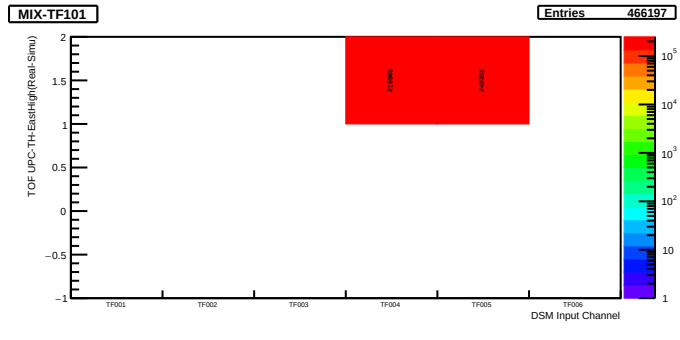

MIX-TF101
Entries 3577734
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

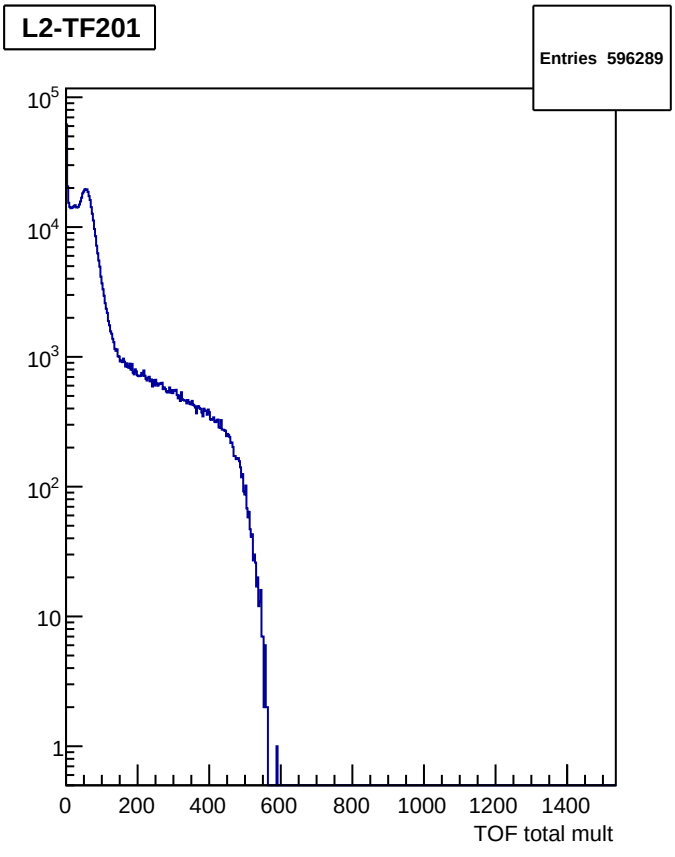

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

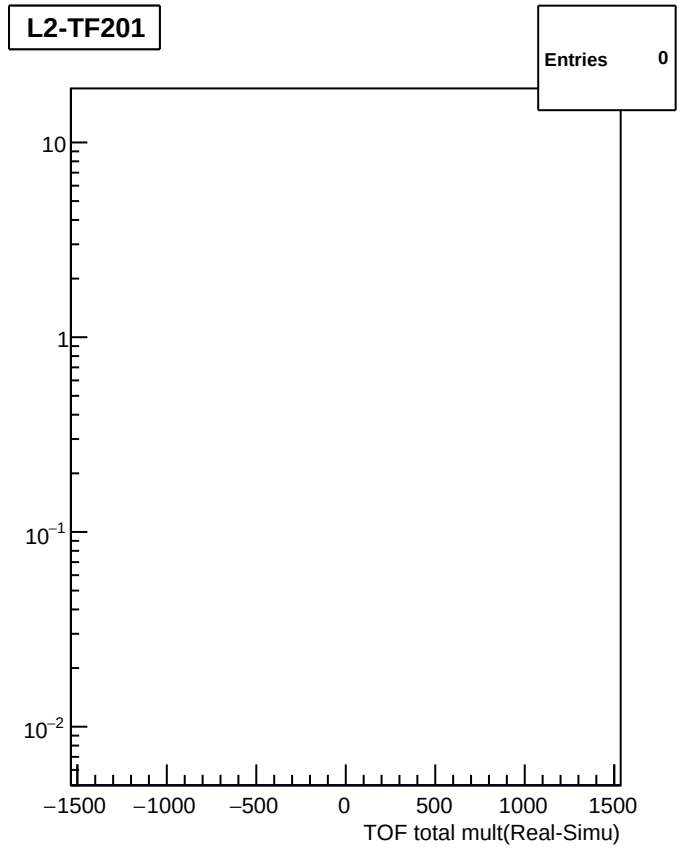

MIX-TF101
Entries 3577734
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

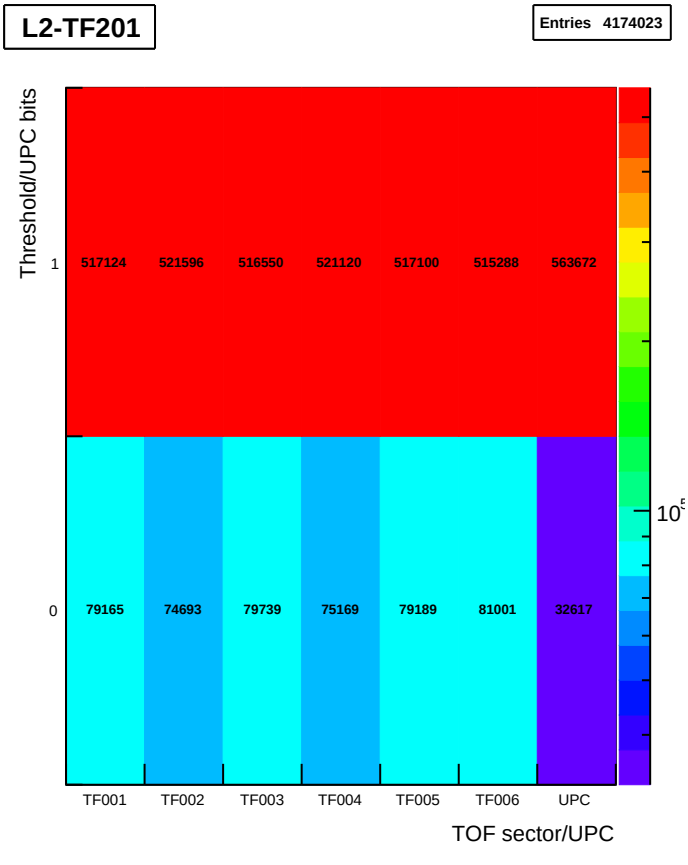

MIX-TF101
Entries 215415
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

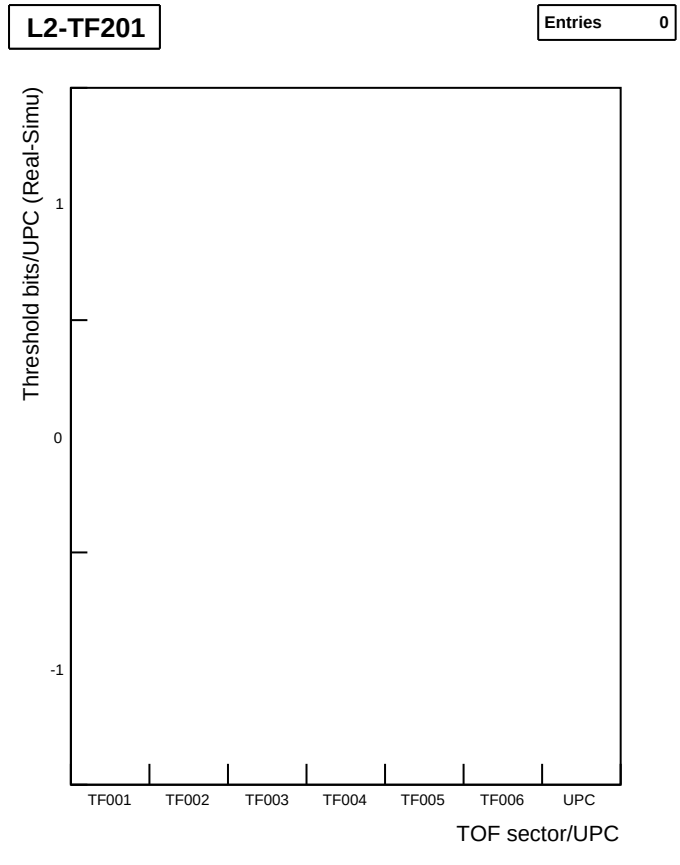

MIX-TF101
Entries 3577734
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

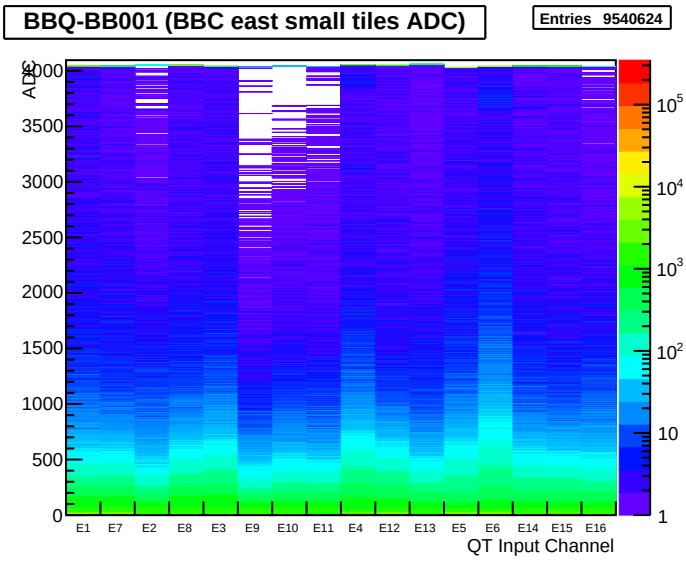

MIX-TF101
Entries 466197
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

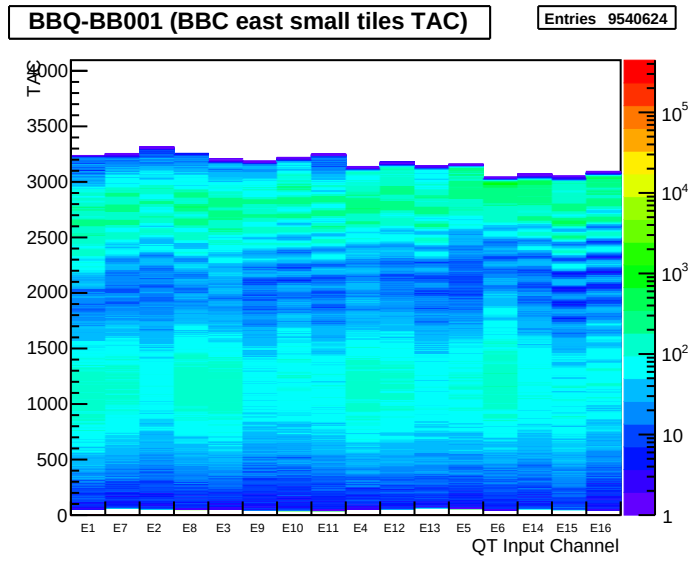

L2-TF201
Entries 596289
TOF total mult

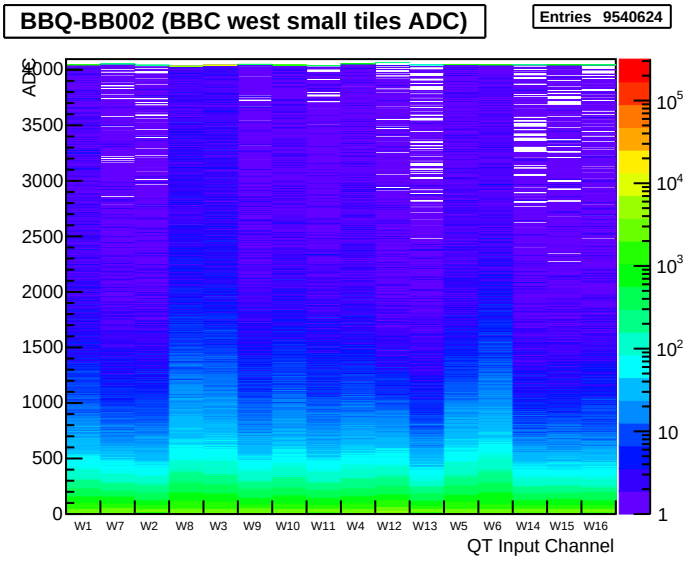

L2-TF201
Entries 0
TOF total mult(Real-Simu)

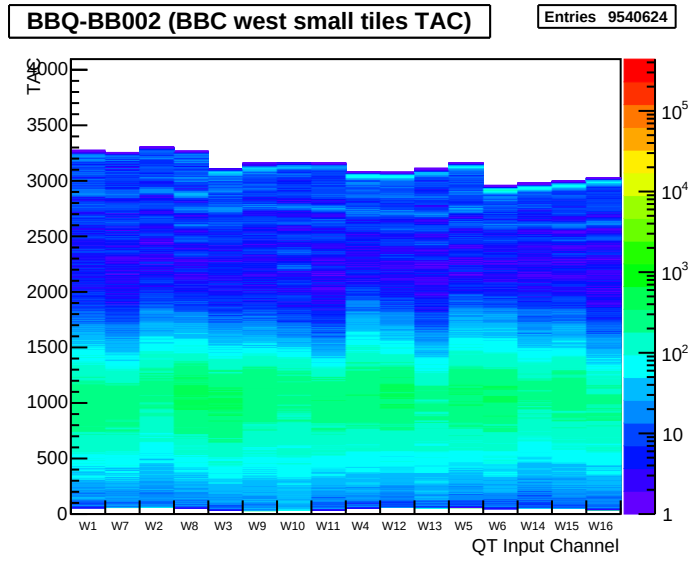

L2-TF201
Entries 4174023
Threshold/UPC bits
517124
521596
516550
521120
517100
515288
563672
79165
74693
79739
75169
79189
81001
32617
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

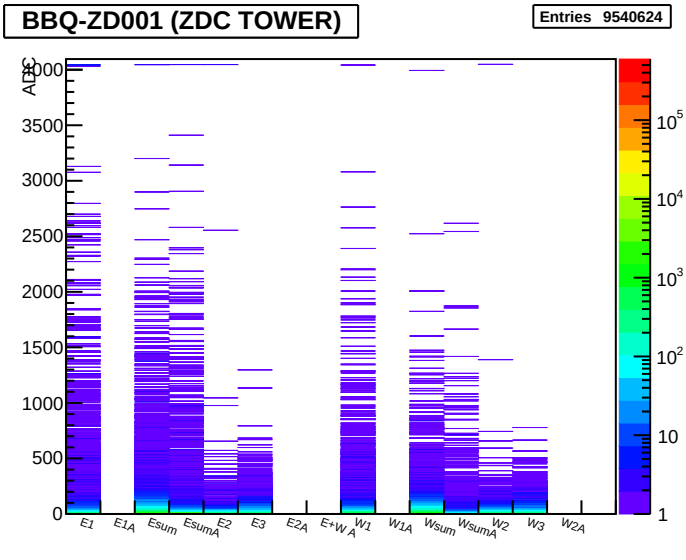

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

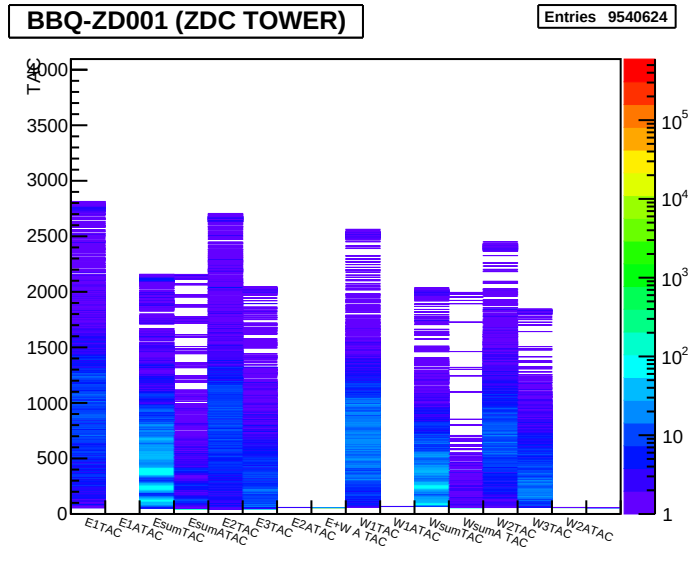

BBQ-BB001 (BBC east small tiles ADC)
Entries 9540624
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

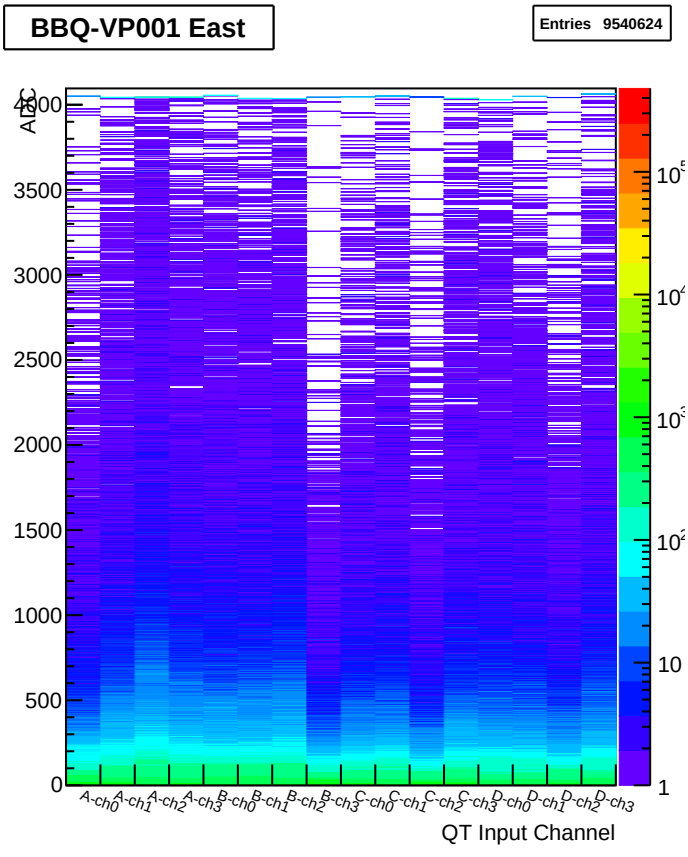

BBQ-BB001 (BBC east small tiles TAC)
Entries 9540624
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

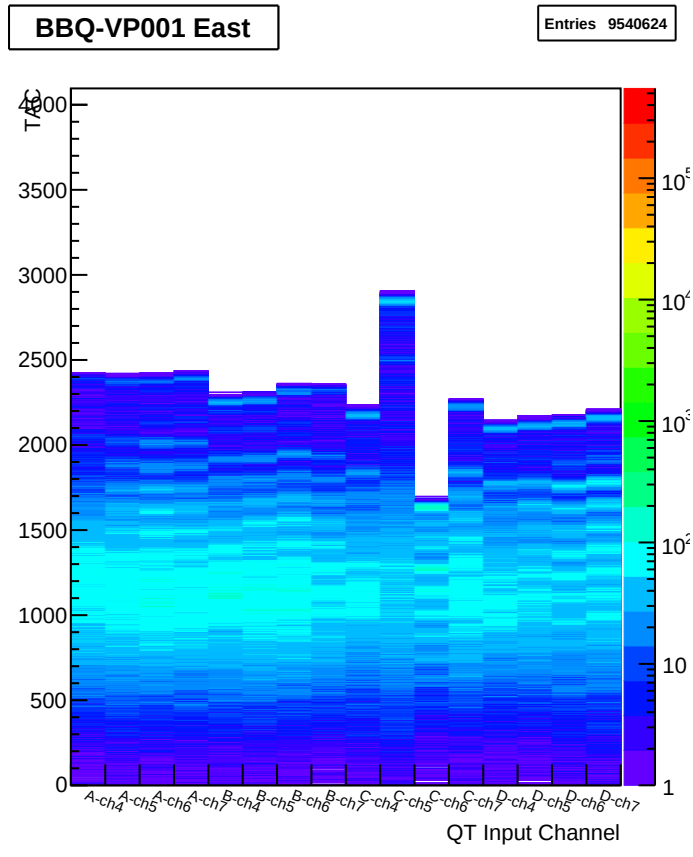

BBQ-BB002 (BBC west small tiles ADC)
Entries 9540624
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

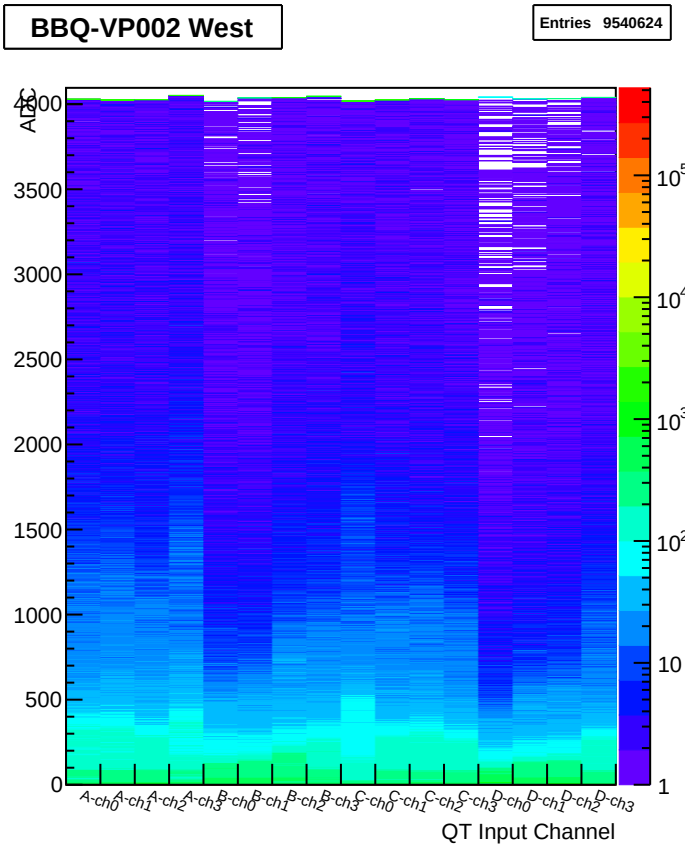

BBQ-BB002 (BBC west small tiles TAC)
Entries 9540624
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

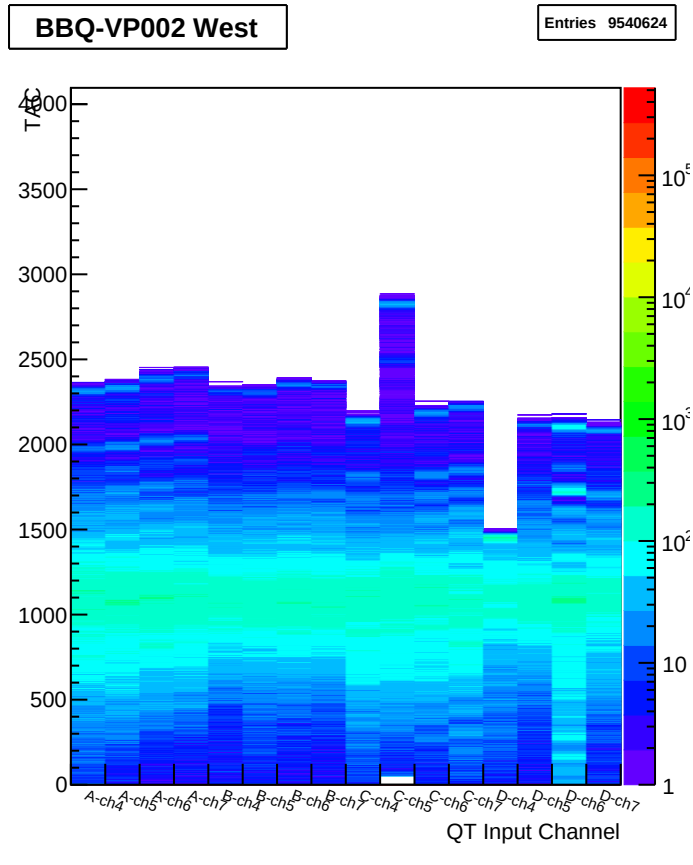

BBQ-ZD001 (ZDC TOWER)
Entries 9540624
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

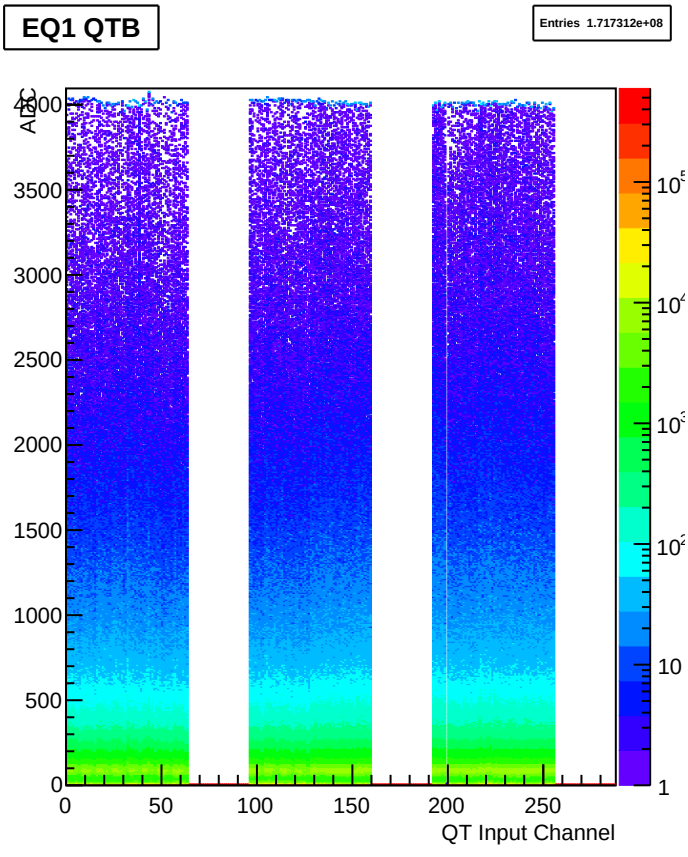

BBQ-ZD001 (ZDC TOWER)
Entries 9540624
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

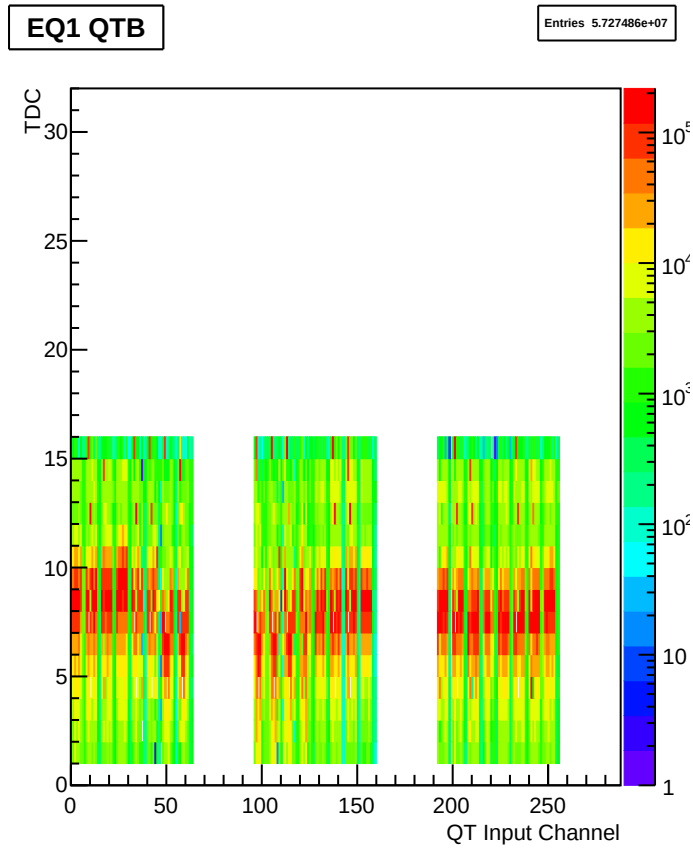

BBQ-VP001 East
Entries 9540624
ADC
QT Input Channel

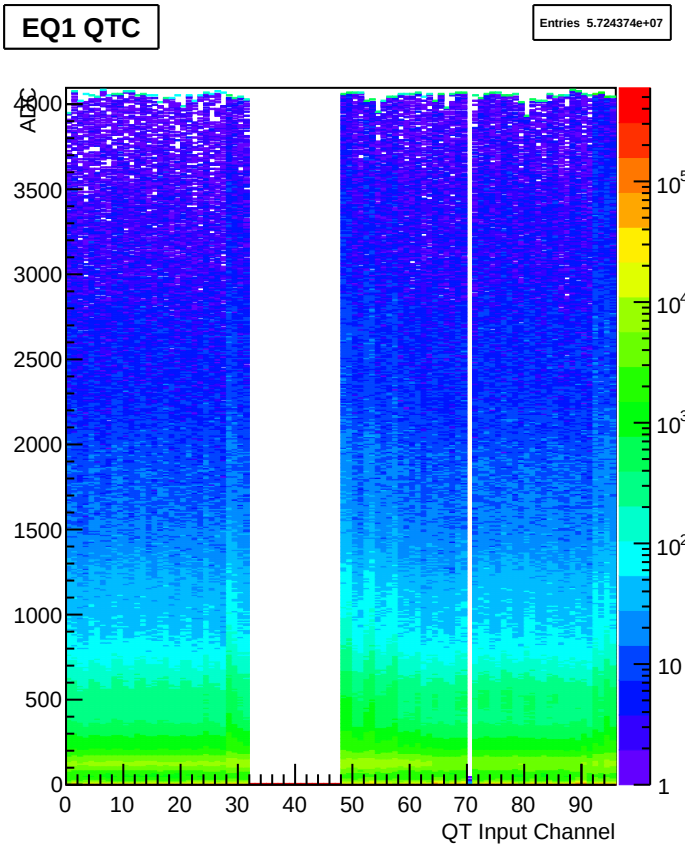

BBQ-VP001 East
Entries 9540624
ADC
QT Input Channel

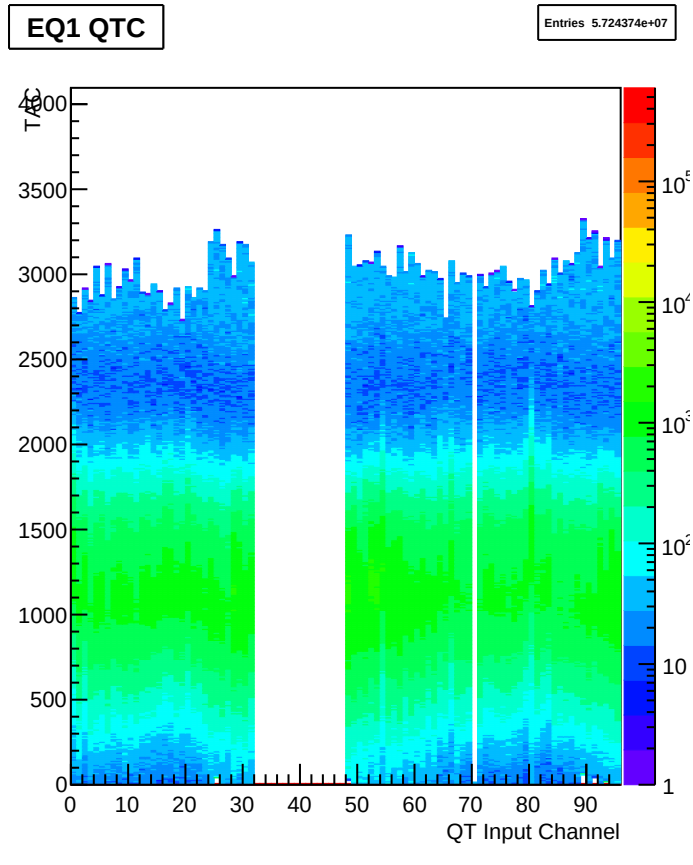

BBQ-VP002 West
Entries 9540624
ADC
QT Input Channel

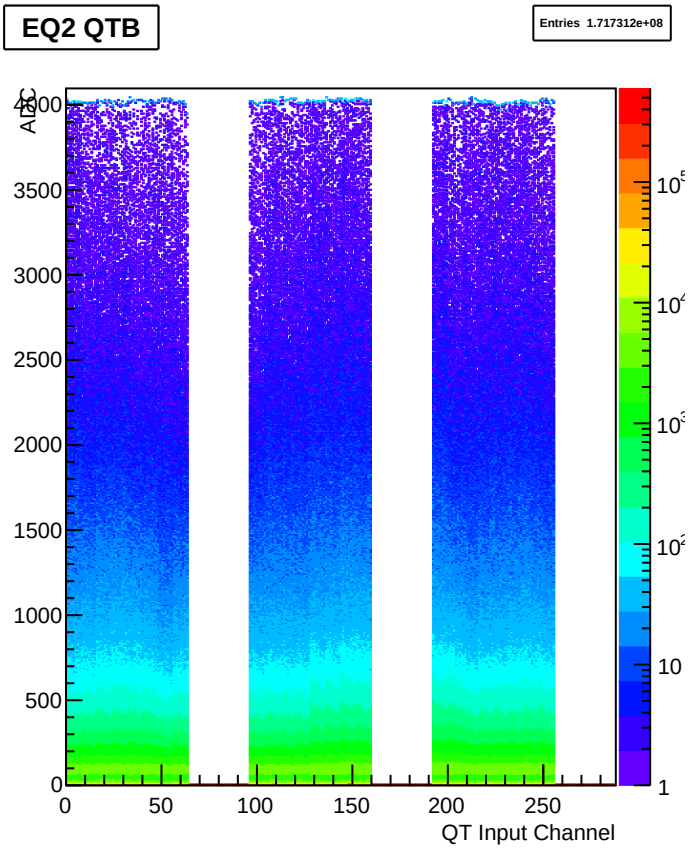

BBQ-VP002 West
Entries 9540624
ADC
QT Input Channel

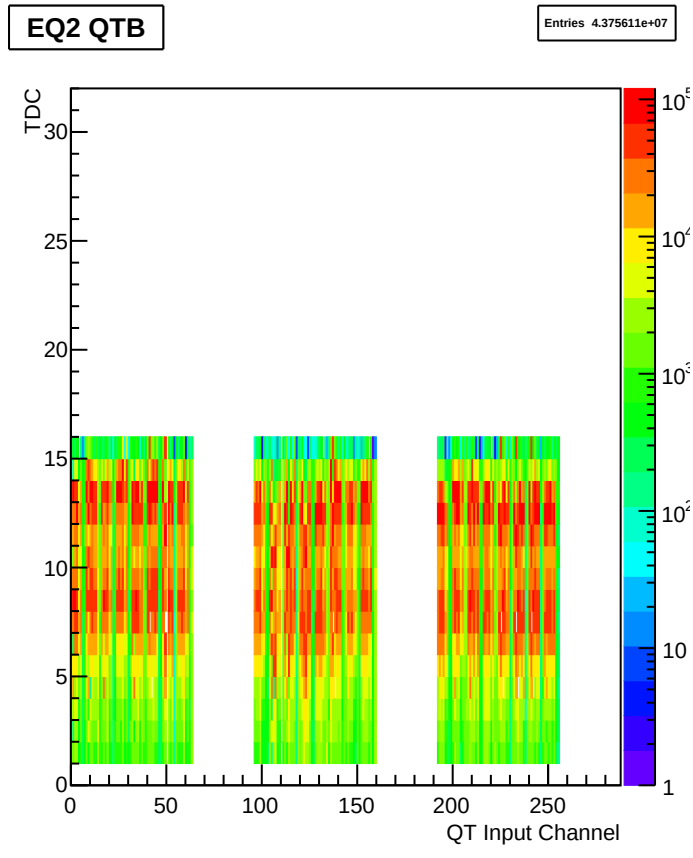

EQ1 QTB
Entries 1.717312e+08
ADC
QT Input Channel

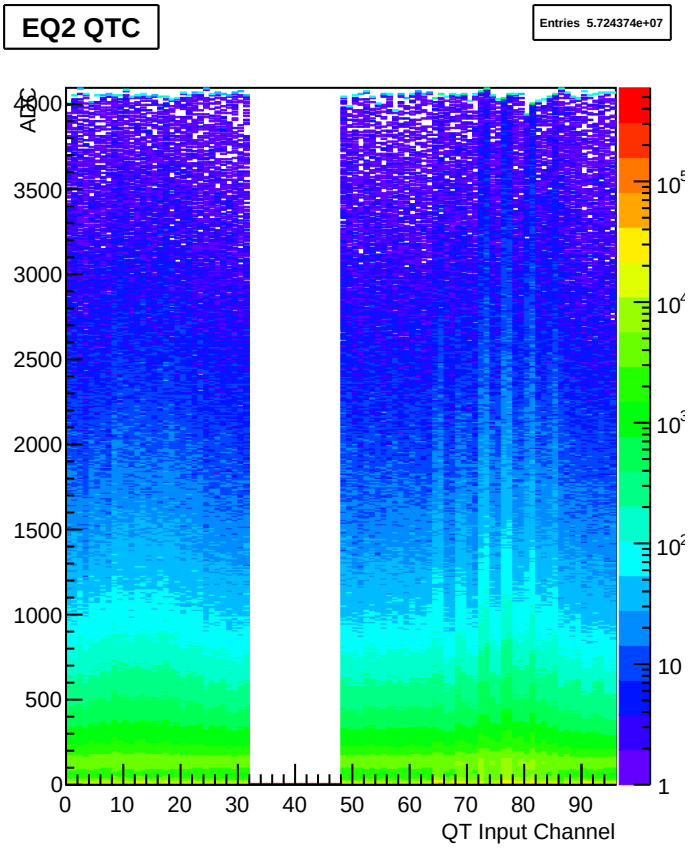

EQ1 QTB
Entries 5.727486e+07
TDC
QT Input Channel

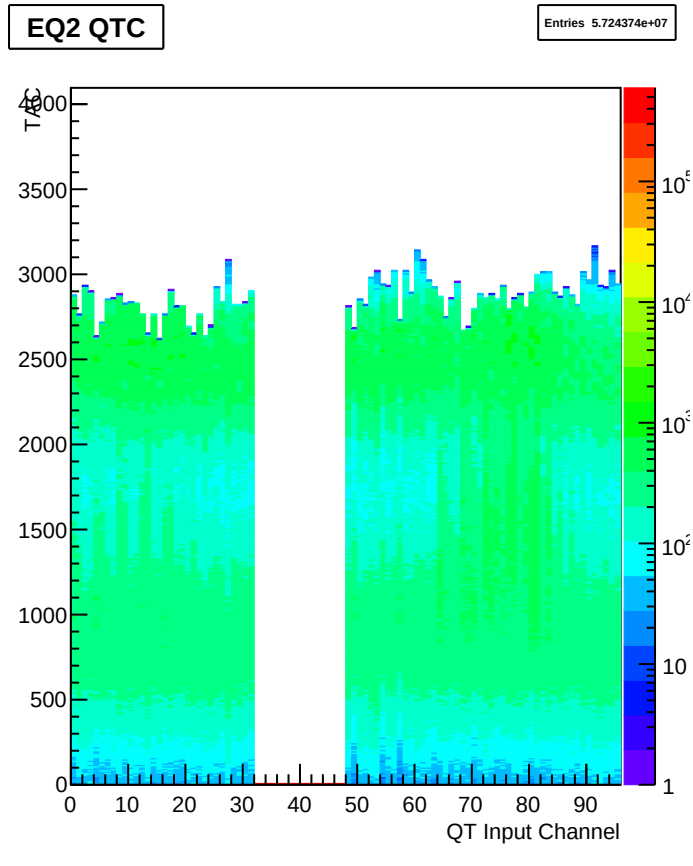

EQ1 QTC
Entries 5.724374e+07
ADC
QT Input Channel

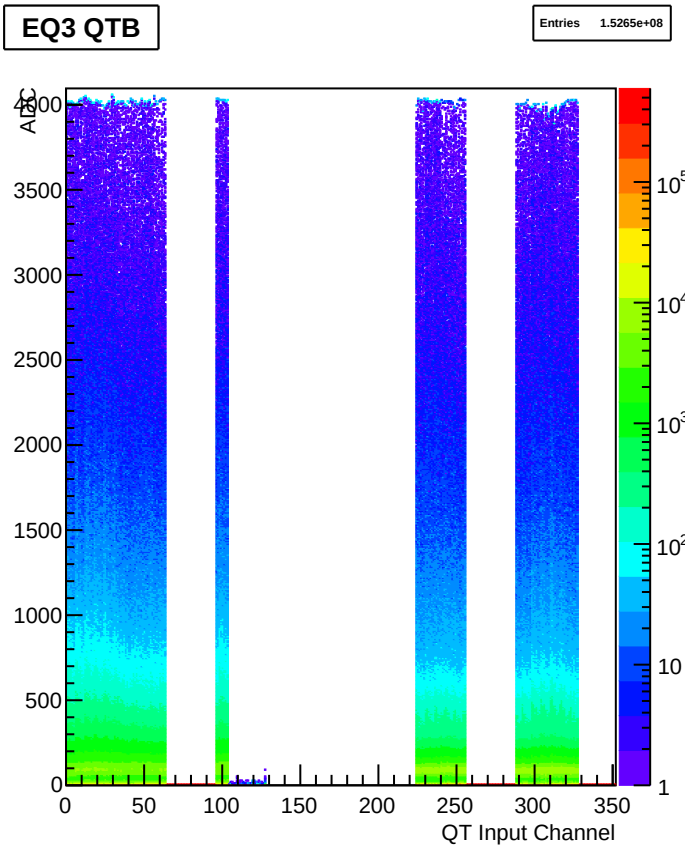

EQ1 QTC
Entries 5.724374e+07
TADC
QT Input Channel

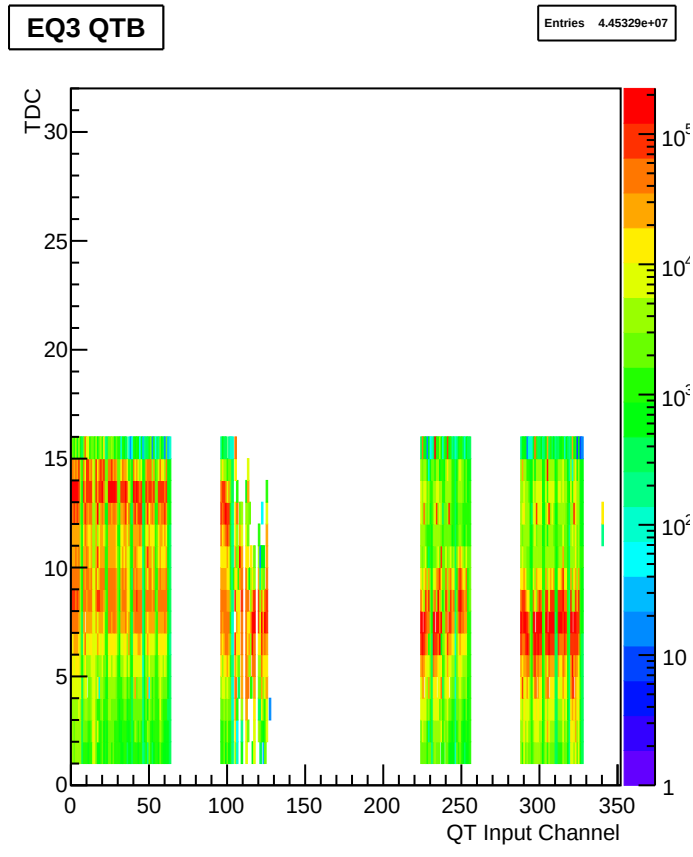

EQ2 QTB
Entries 1.717312e+08
ADC
QT Input Channel

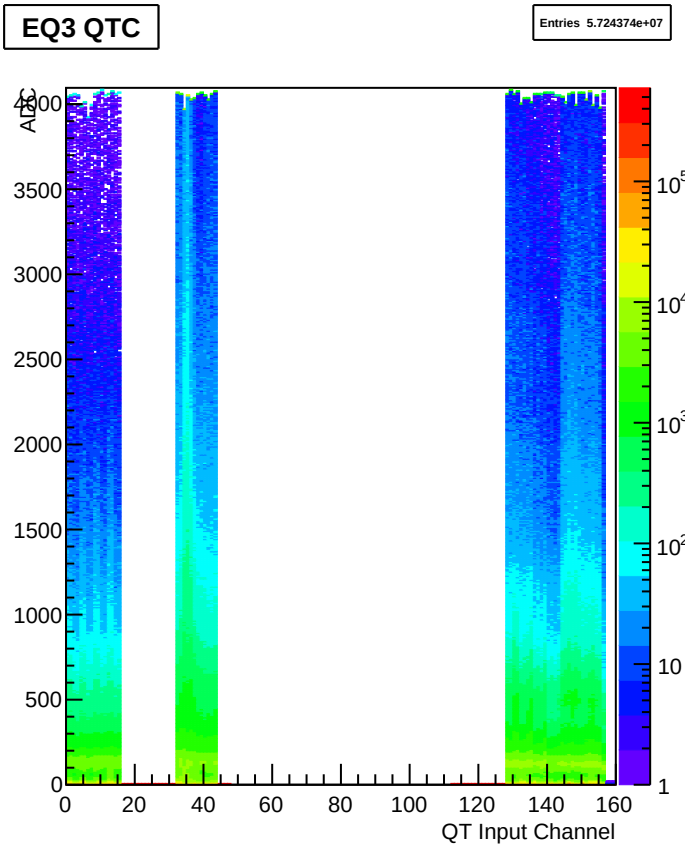

EQ2 QTB
Entries 4.375611e+07
TDC
QT Input Channel

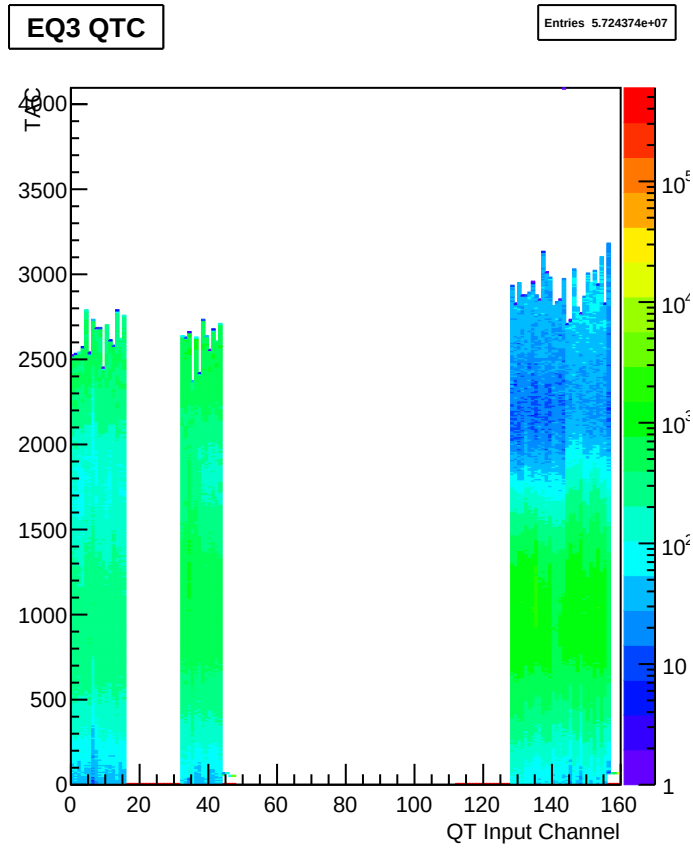

EQ2 QTC
Entries 5.724374e+07
ADC
QT Input Channel

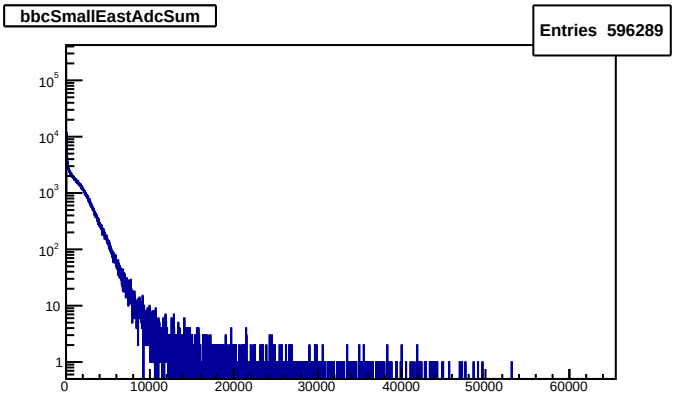

EQ2 QTC
Entries 5.724374e+07
TADC
QT Input Channel

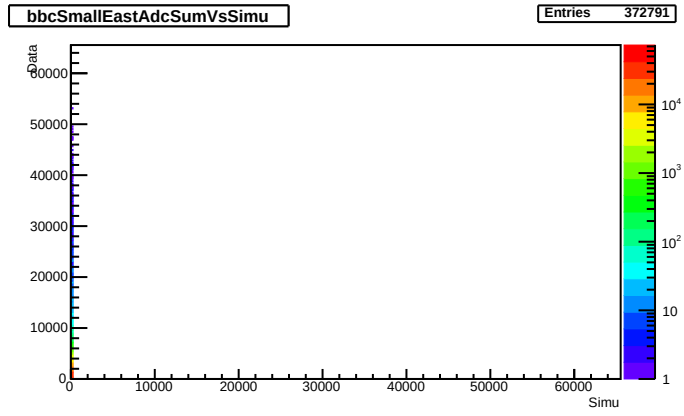

EQ3 QTB
Entries 1.5265e+08
ADC
QT Input Channel

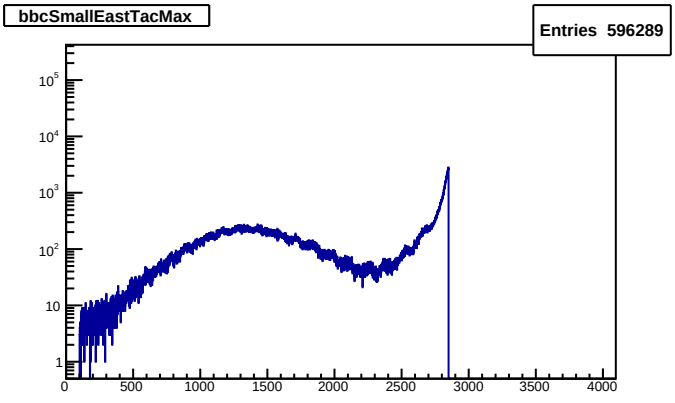

EQ3 QTB
Entries 4.45329e+07
TDC
QT Input Channel

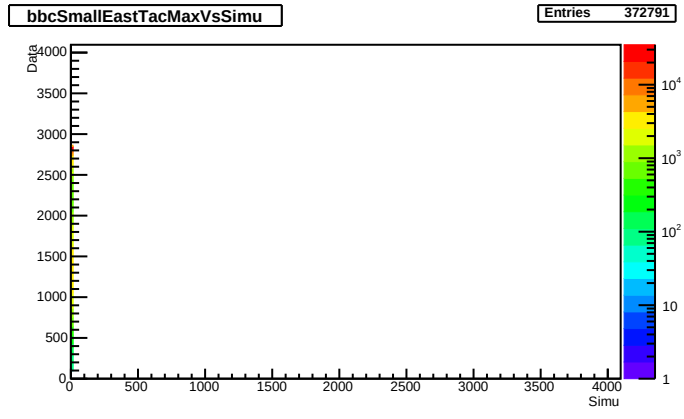

EQ3 QTC
Entries 5.724374e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.724374e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 596289


bbcSmallEastAdcSumVsSimu
Entries 372791
Data
Simu


bbcSmallEastTacMax
Entries 596289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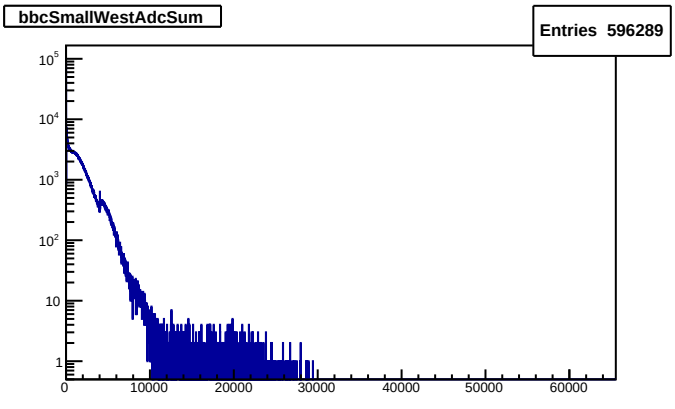
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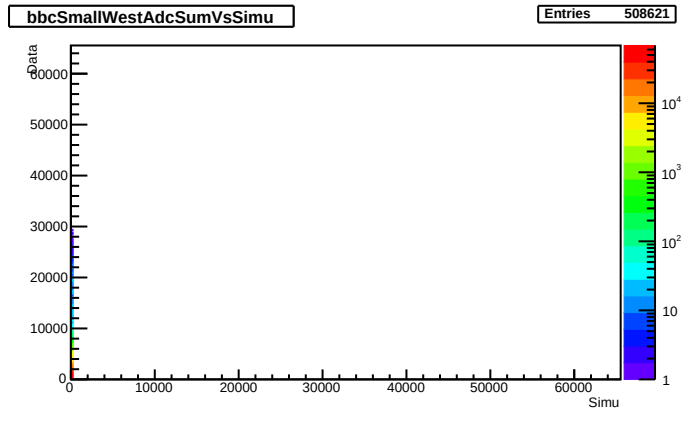
Entries 596289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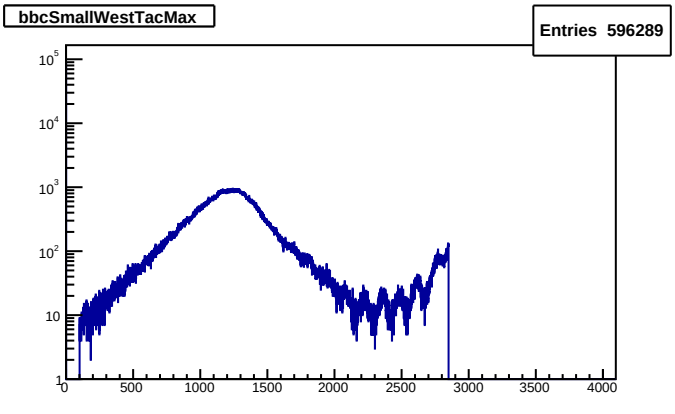
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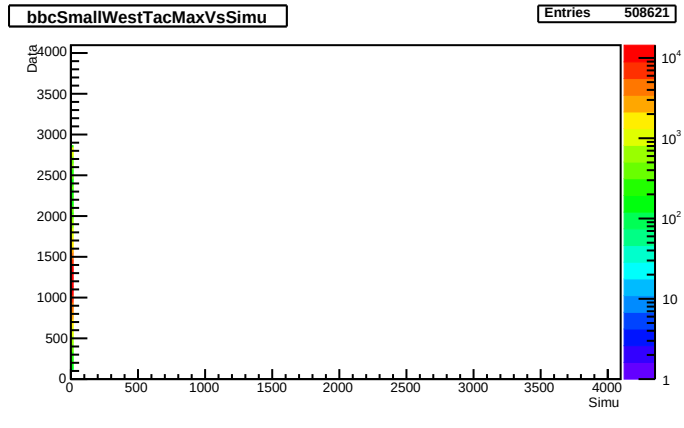
Entries 596289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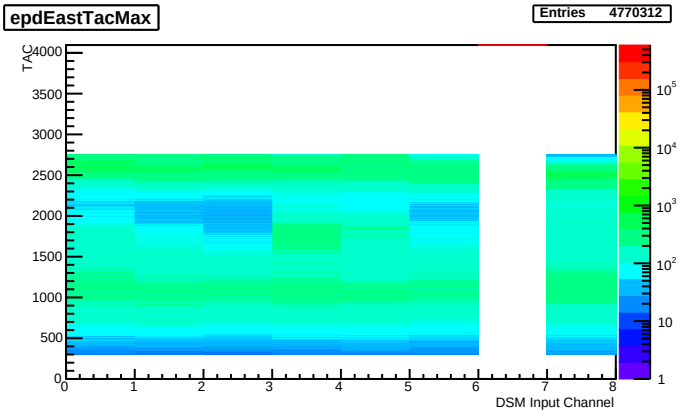
Entries 508621
Data
Simu


epdEastTacMax
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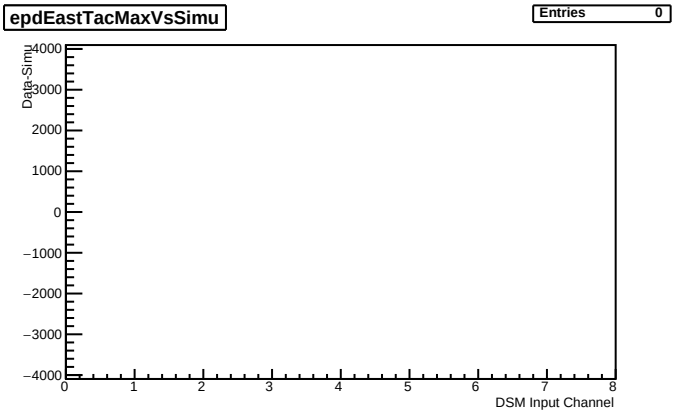
DSM Input Channel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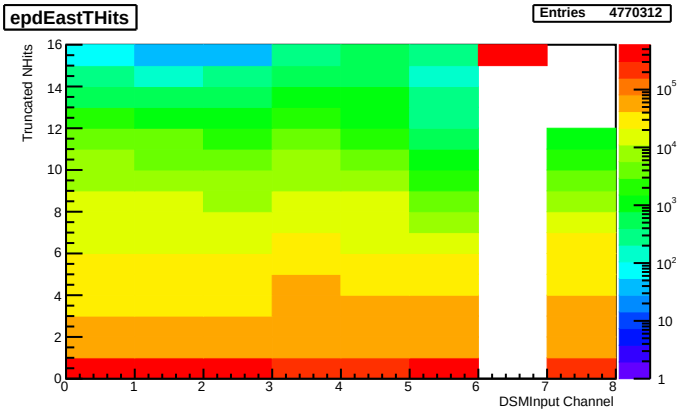
Data-Simu
DSM Input Channel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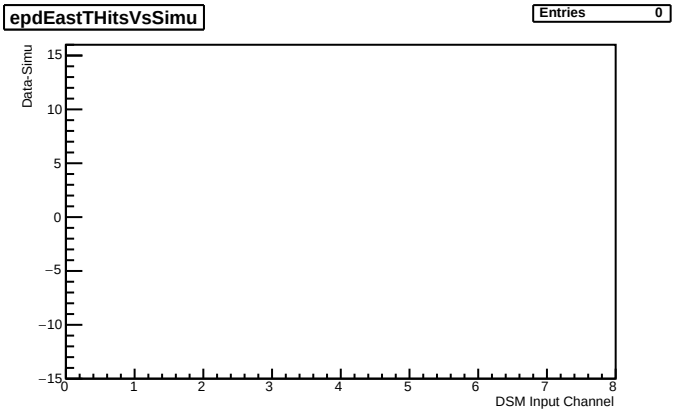
Entries 4770312
Truncated NHits
DSMInput Channel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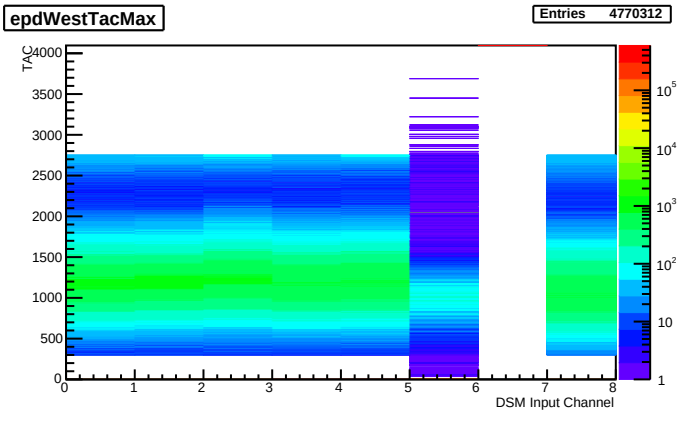
DSM Input Channel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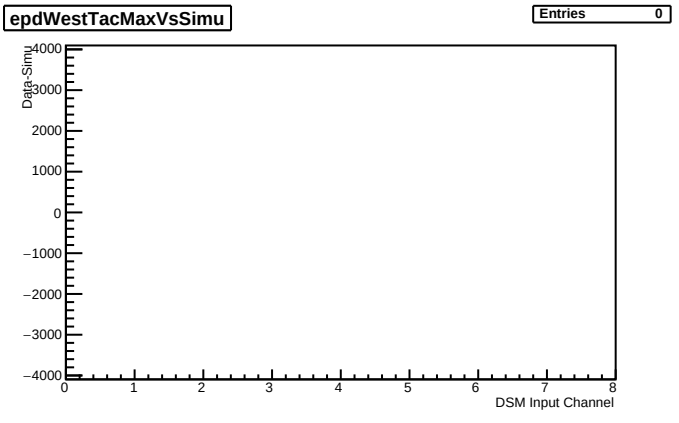
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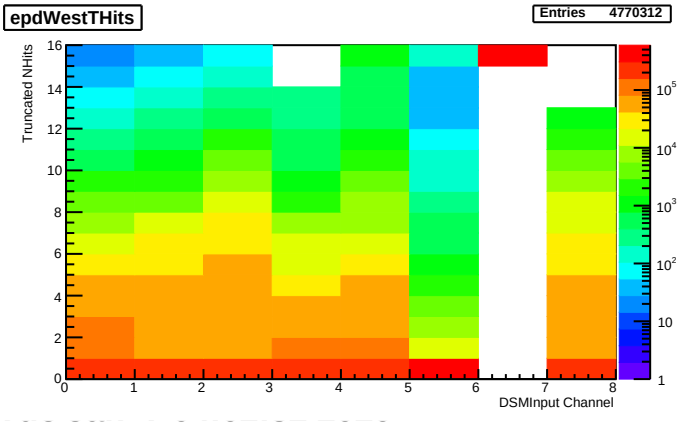
DSM Input Channel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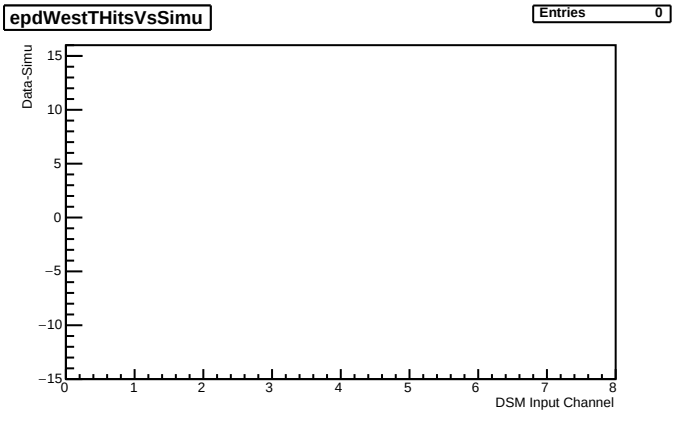
Entries 4770312
Truncated NHits
DSMInput Channel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Entries 0
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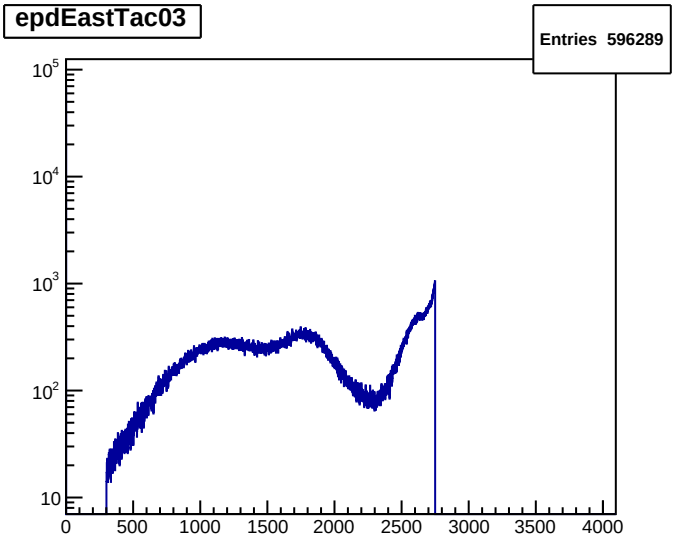
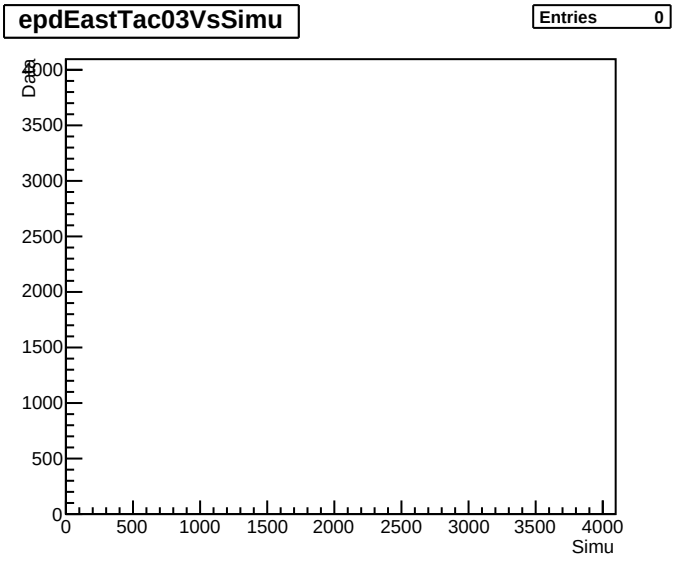
DSM Input Channel


epdEastTac03
Entries 596289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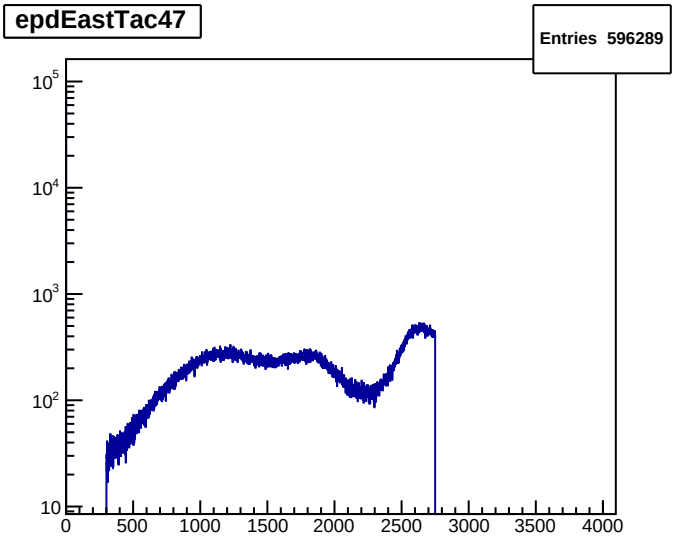
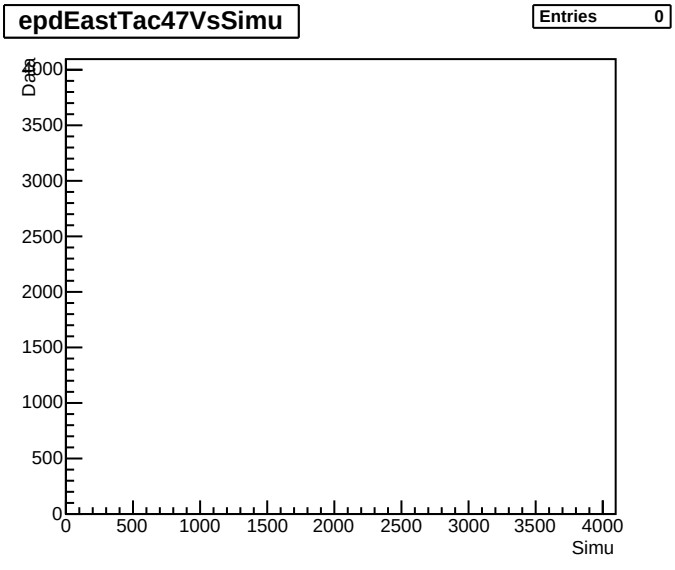
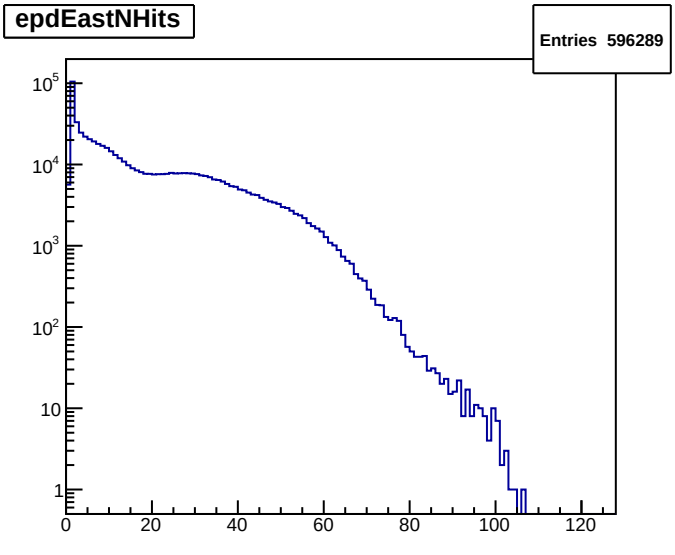
Entries 0
Data
Simu


epdEastTac47
Entries 596289


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
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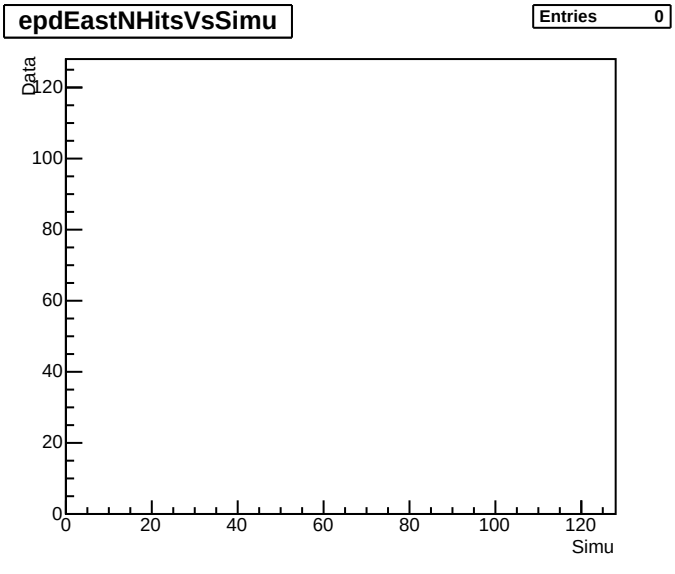
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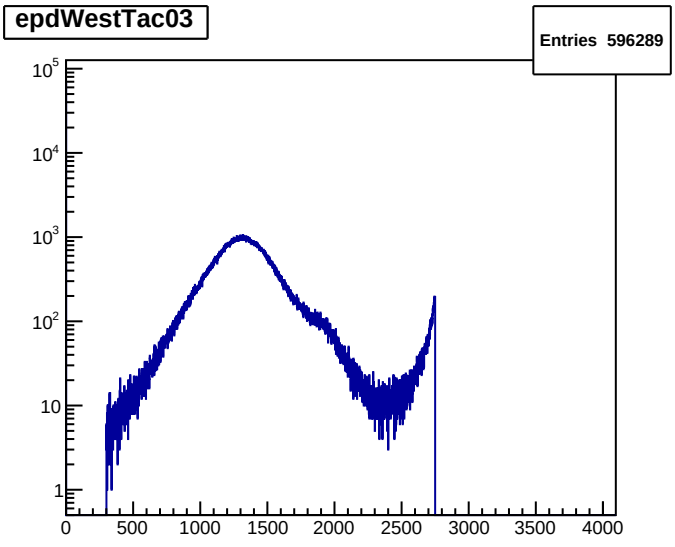
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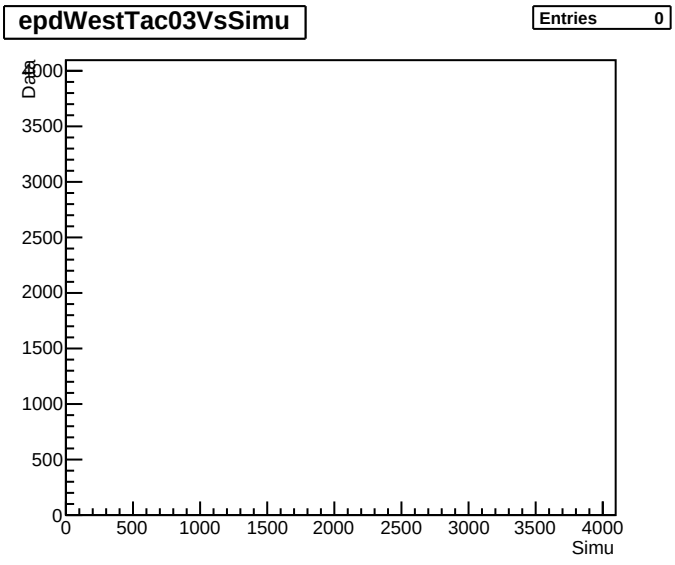
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Entries 0
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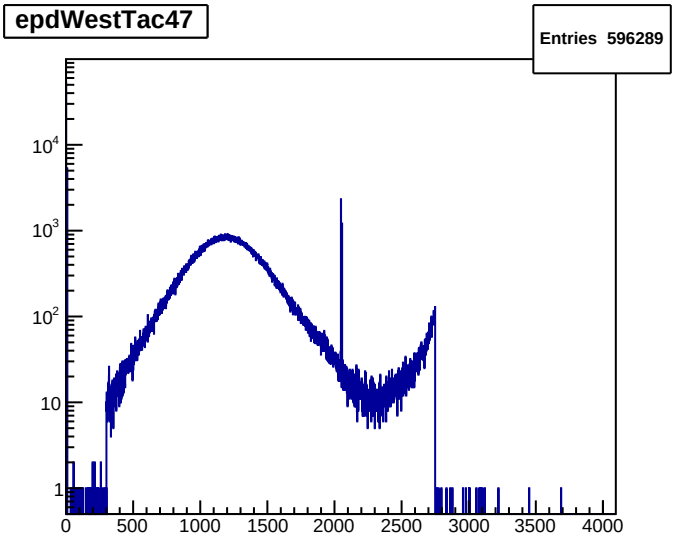
Simu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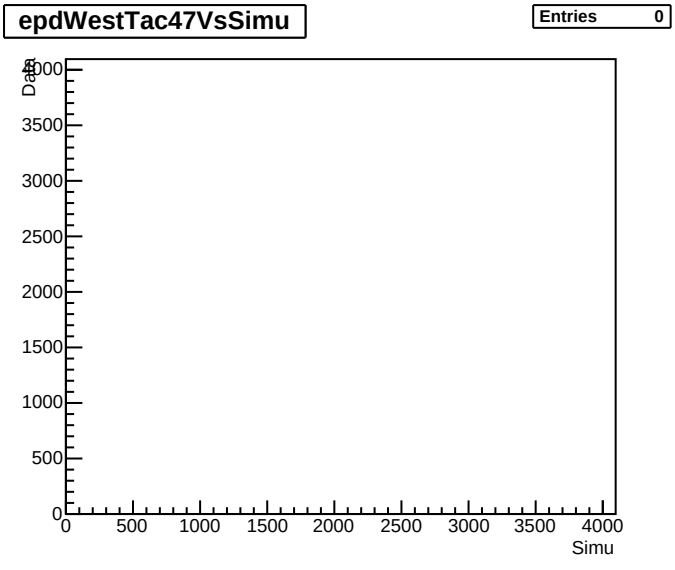
Entries 596289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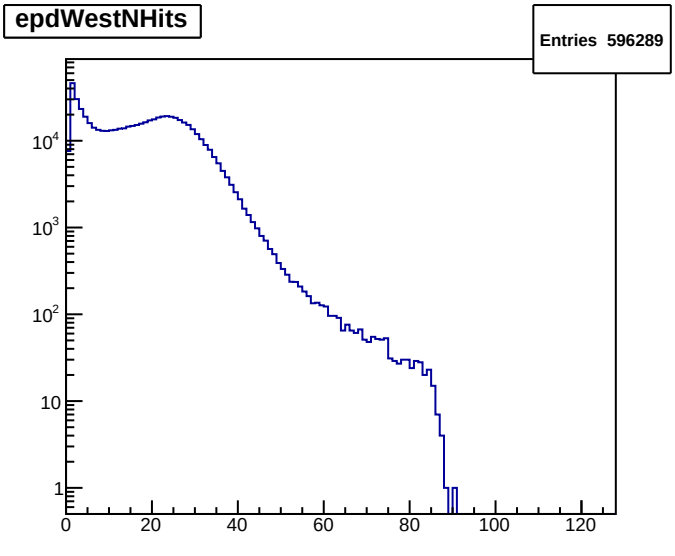
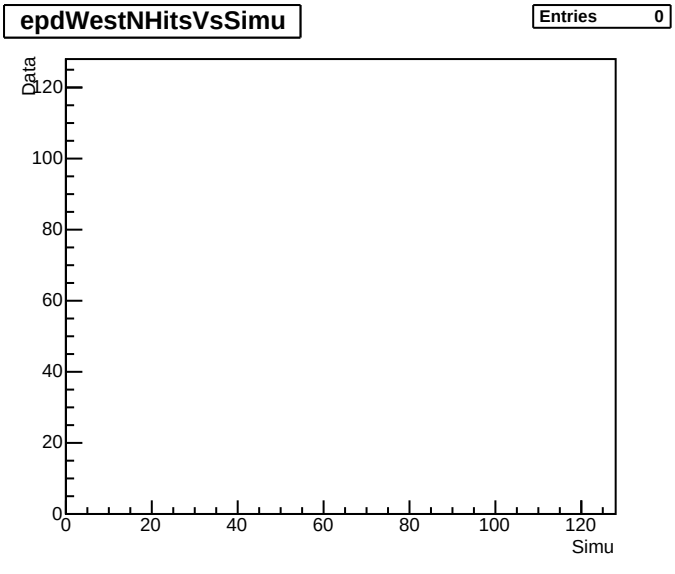
Entries 0
Data
Simu


epdWestNHits
Entries 596289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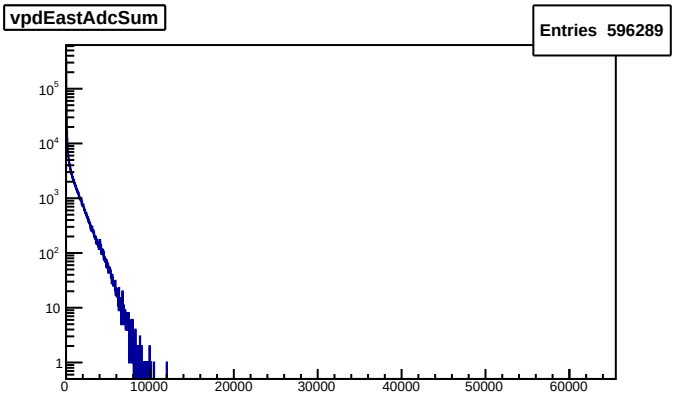
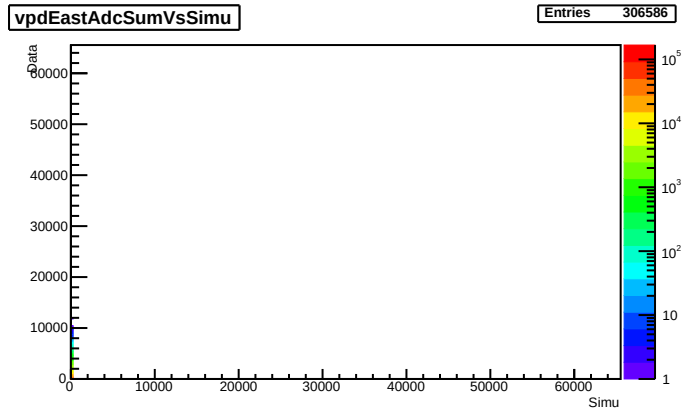
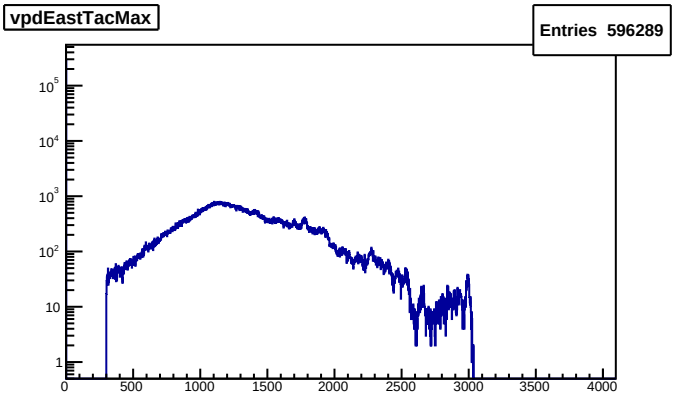
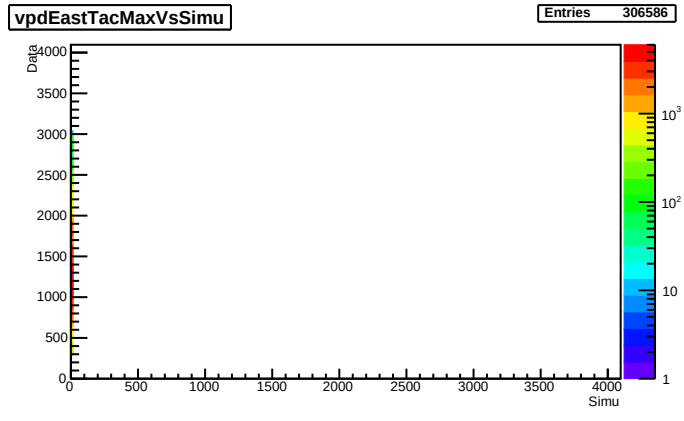
Entries 0
Data
Simu


vpdEastAdcSum
Entries 596289


vpdEastAdcSumVsSimu
Entries 306586
Data
Simu


vpdEastTacMax
Entries 596289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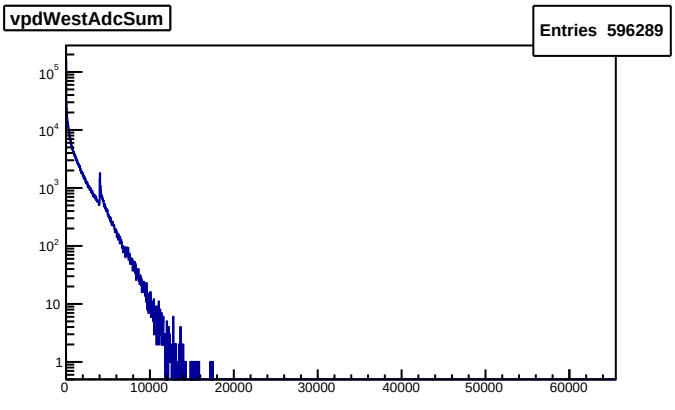
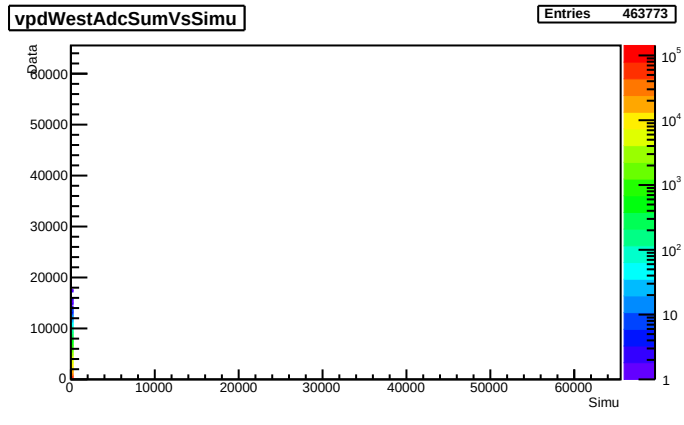
Entries 306586
Data
Simu


vpdWestAdcSum
Entries 596289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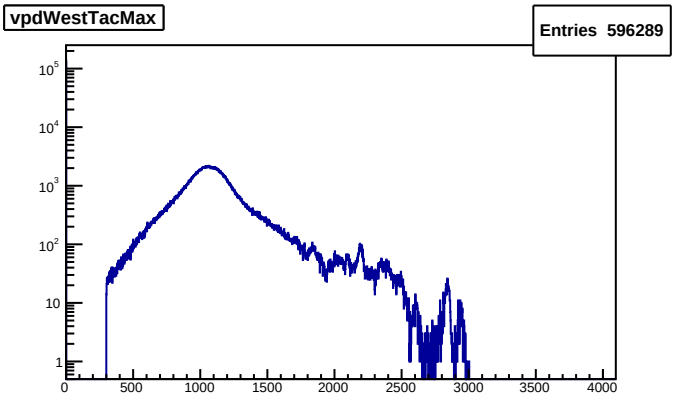
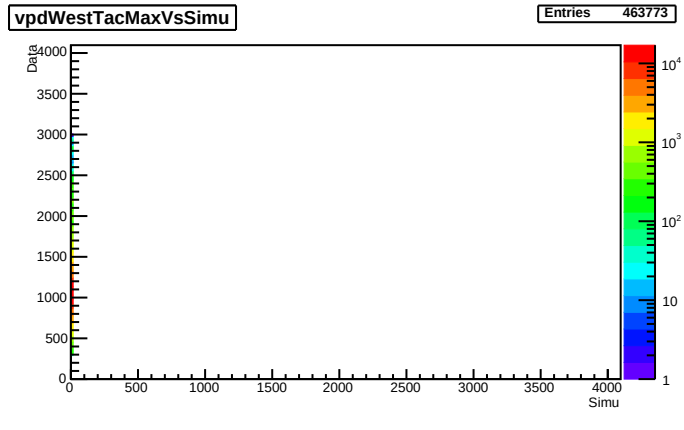
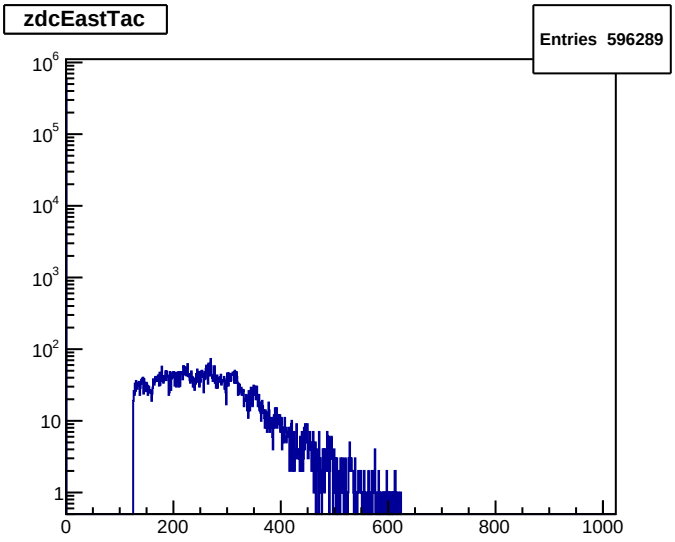
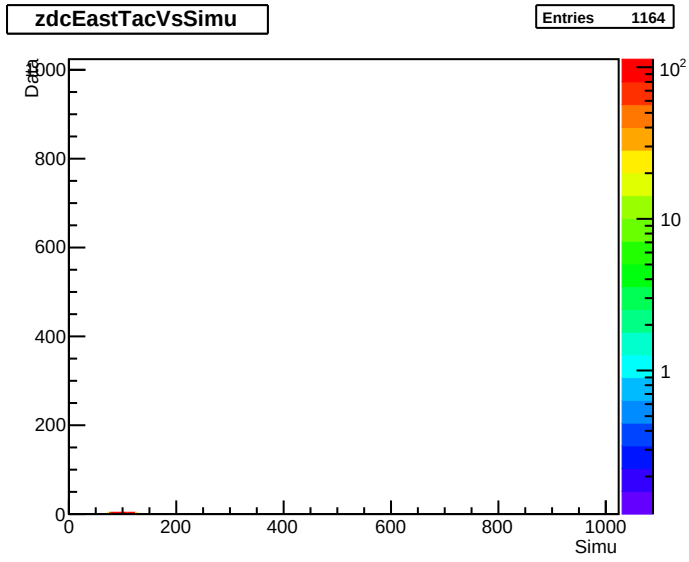
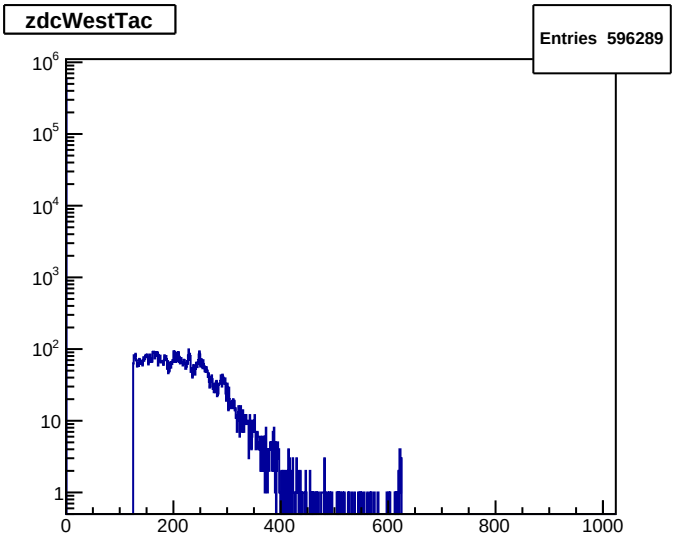
Entries 463773
Data
Simu

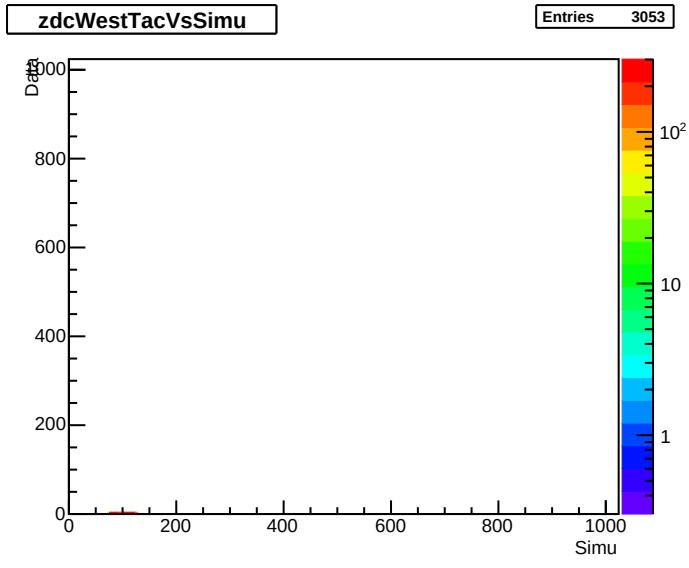

vpdWestTacMax
Entries 596289

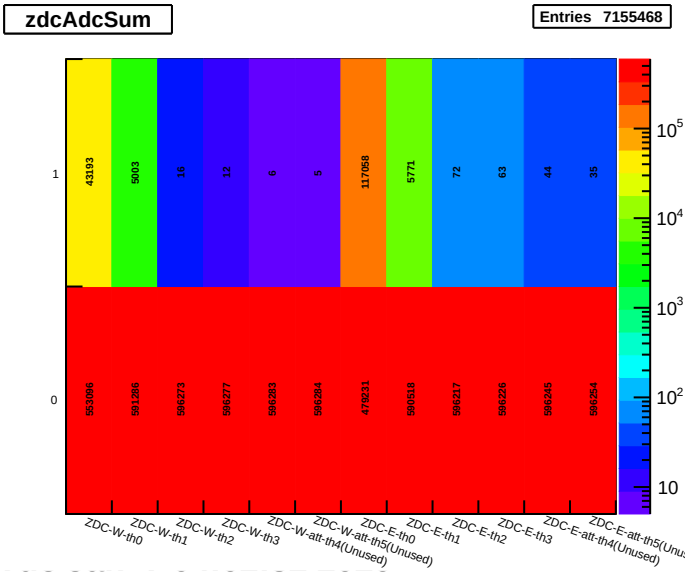

vpdWestTacMaxVsSimu
Entries 463773
Data
Simu

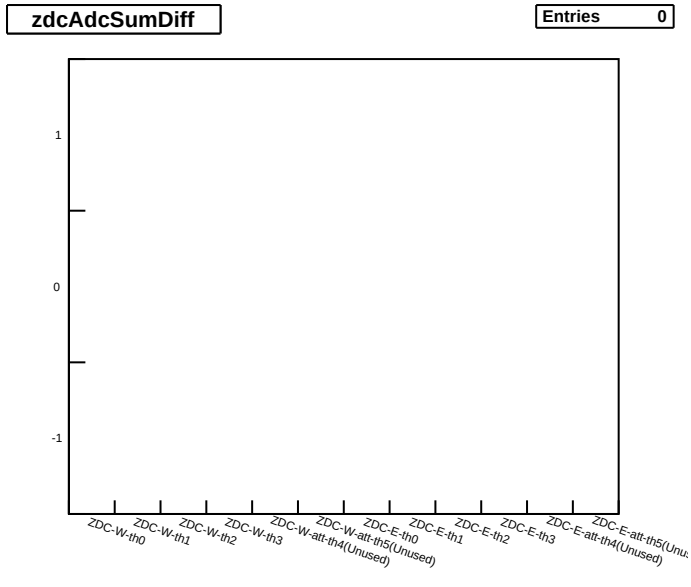

zdcEastTac
Entries 596289

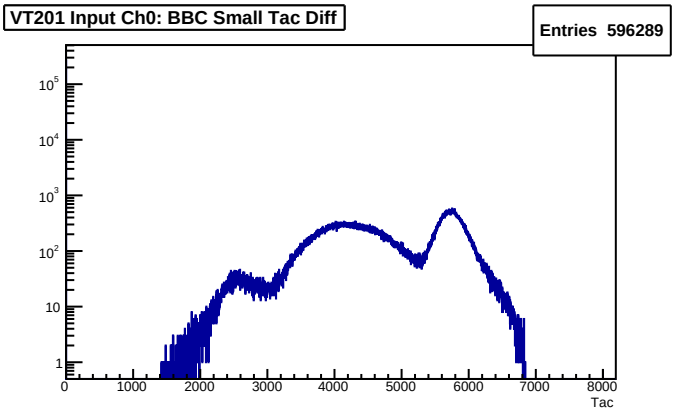

zdcEastTacVsSimu
Entries 1164
Data
Simu

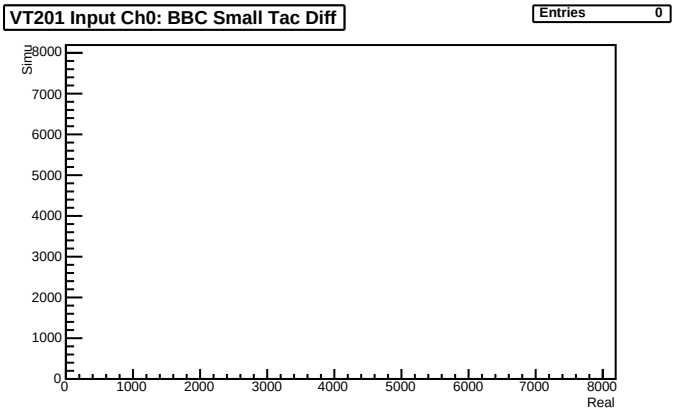

zdcWestTac
Entries 596289

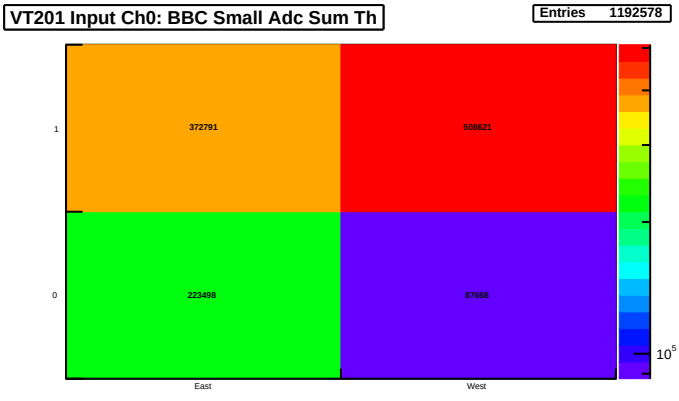

zdcWestTacVsSimu
Entries 3053
Data
Simu

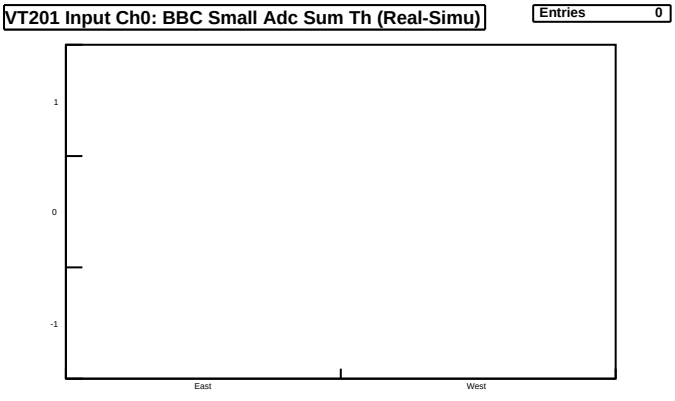

zdcAdcSum
Entries 7155468
43193
5003
16
12
6
5
117058
5771
72
63
44
35
553086
591286
596273
596277
596283
596284
479231
590518
596217
596226
596245
596254
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

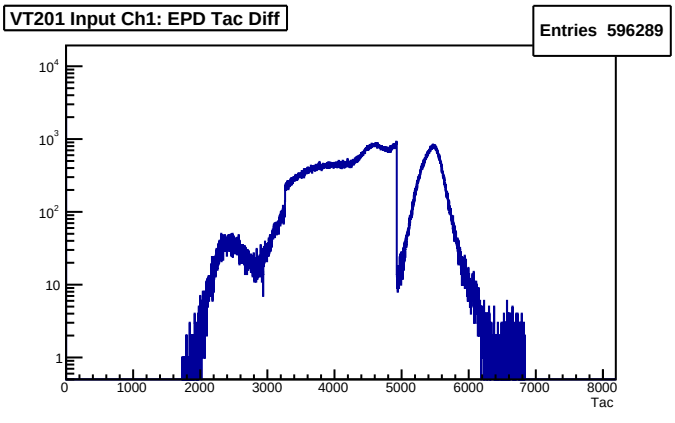

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

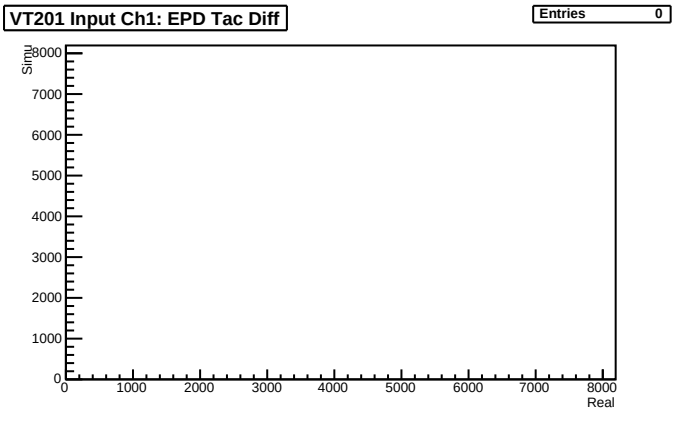

VT201 Input Ch0: BBC Small Tac Diff
Entries 596289
Tac

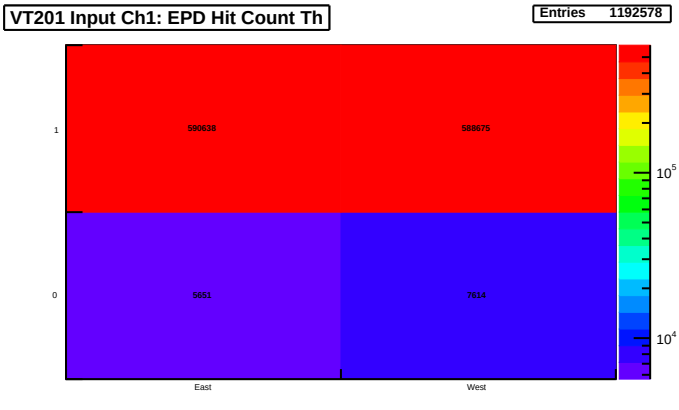

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

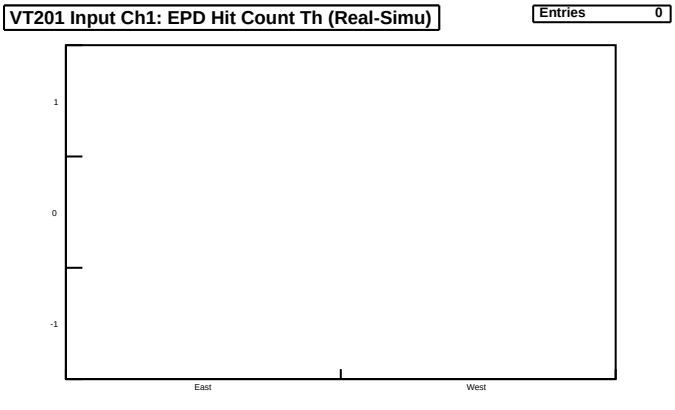

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1192578
372791
508621
223498
87668
East
West

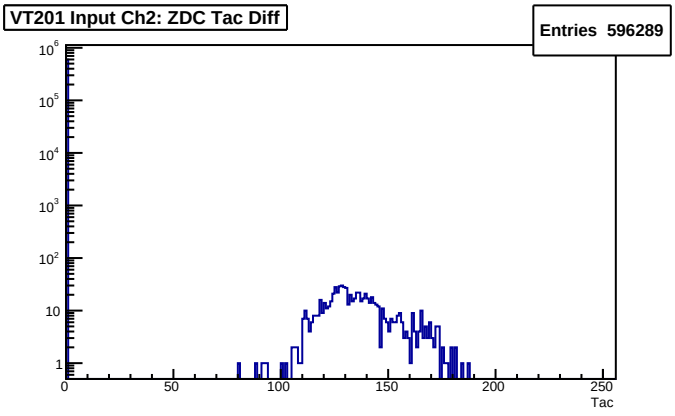

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

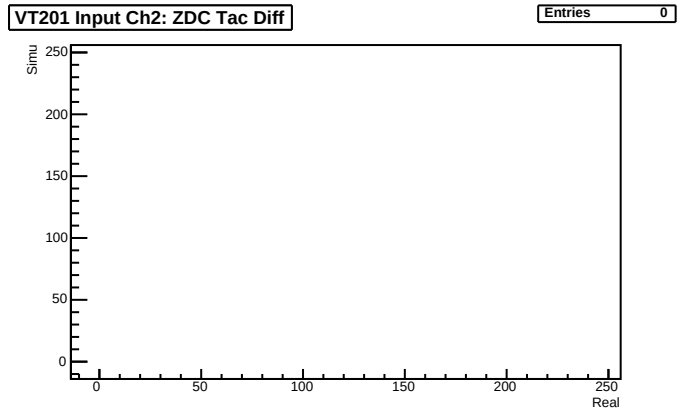

VT201 Input Ch1: EPD Tac Diff
Entries 596289
Tac

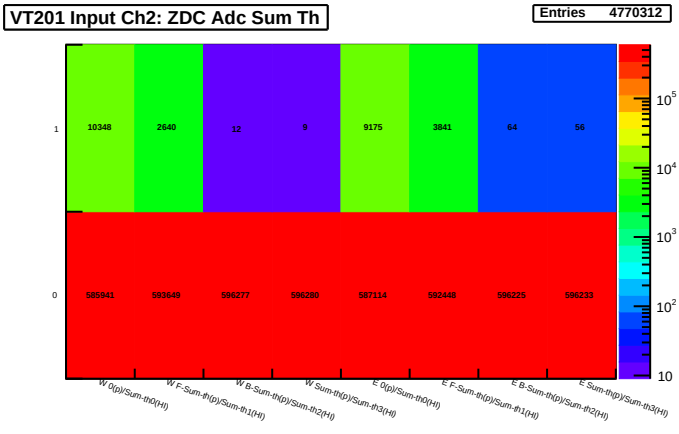

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

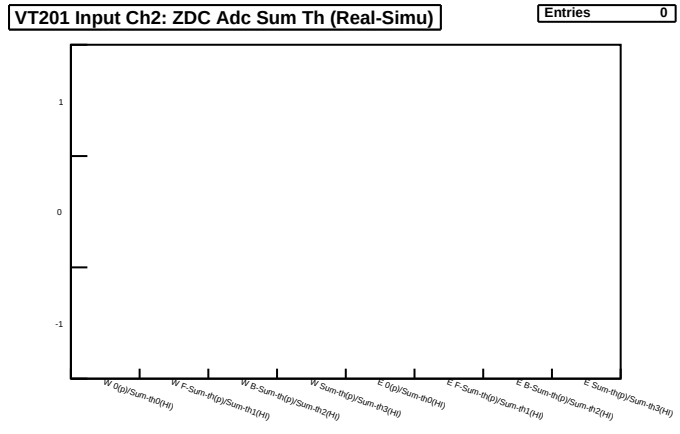

VT201 Input Ch1: EPD Hit Count Th
Entries 1192578
590638
588675
5651
7614
East
West

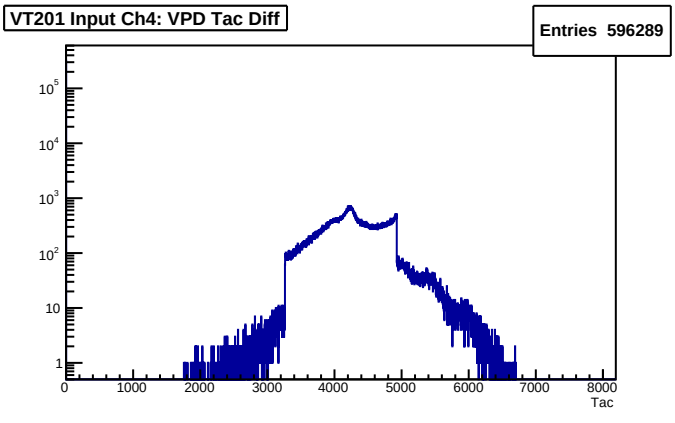

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

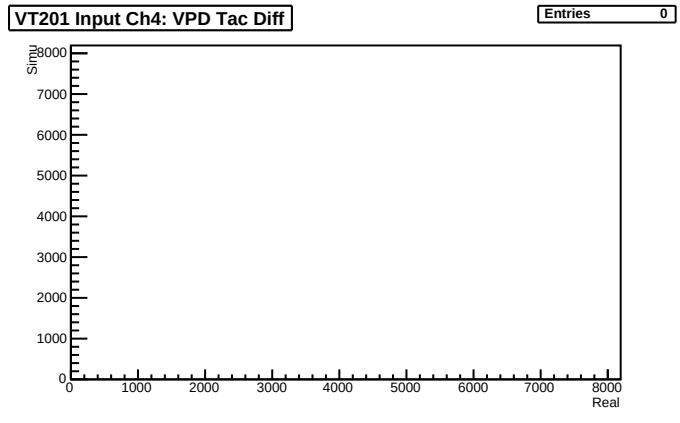

VT201 Input Ch2: ZDC Tac Diff
Entries 596289
Tac

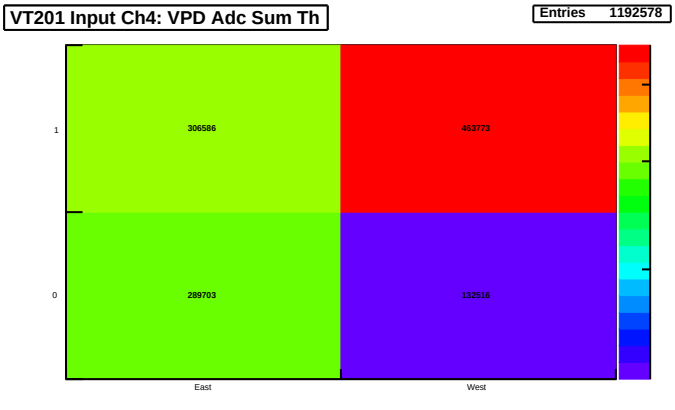

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

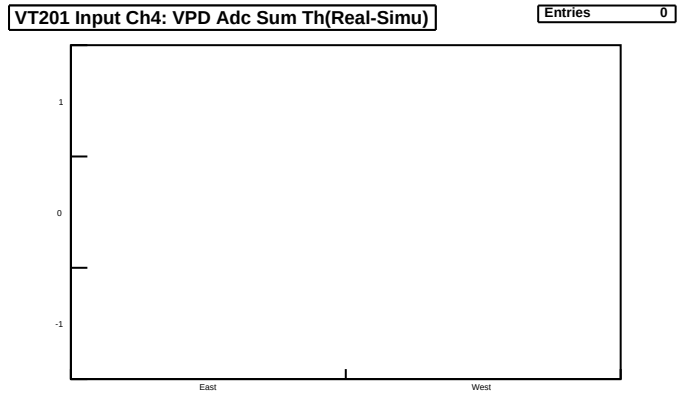

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4770312
10348
2640
12
9
9175
3841
64
56
585941
593649
596277
596280
587114
592448
596225
596233
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

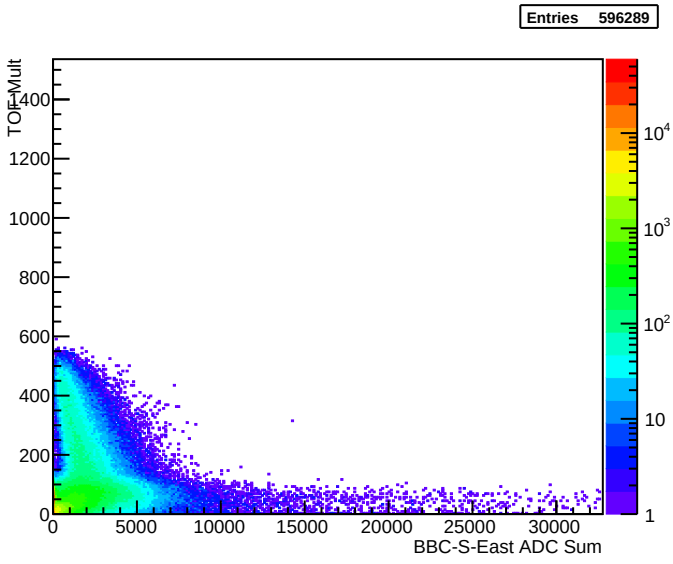

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

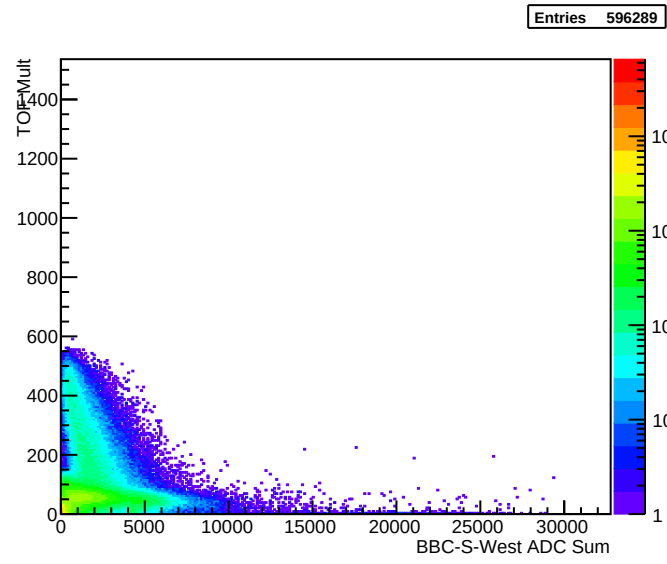

VT201 Input Ch4: VPD Tac Diff
Entries 596289
Tac

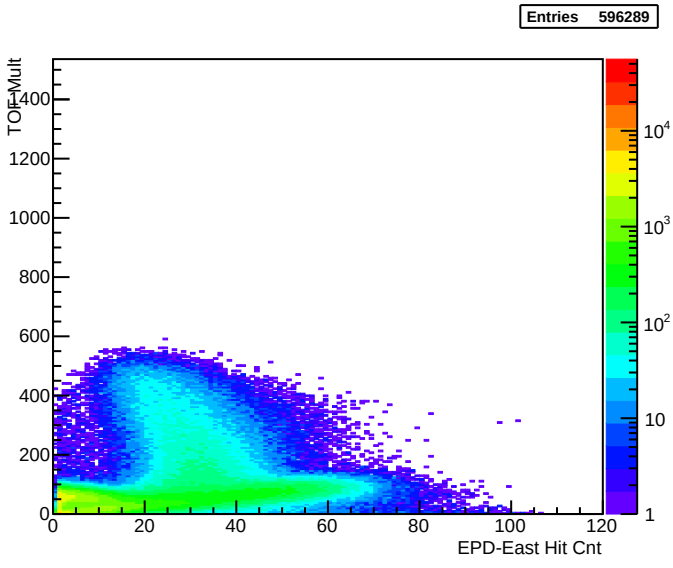

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

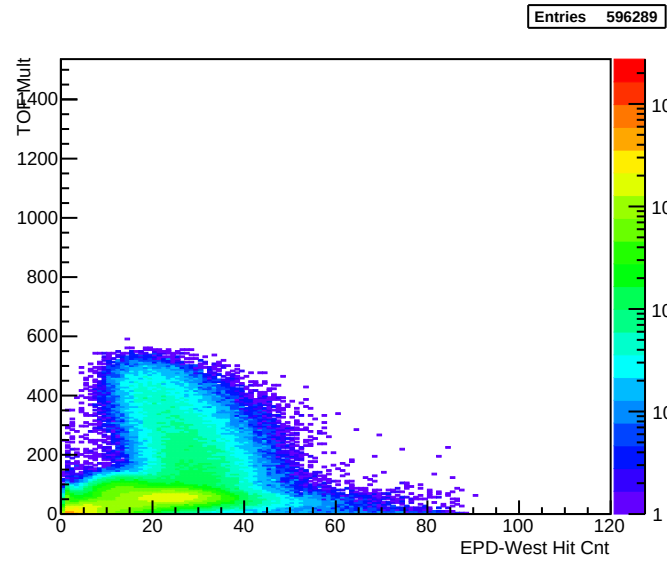

VT201 Input Ch4: VPD Adc Sum Th
Entries 1192578
306586
463773
289703
132516
East
West

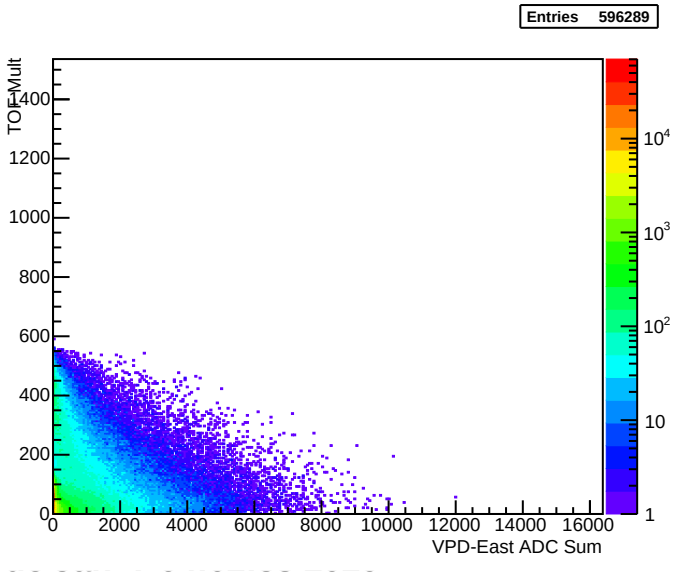

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

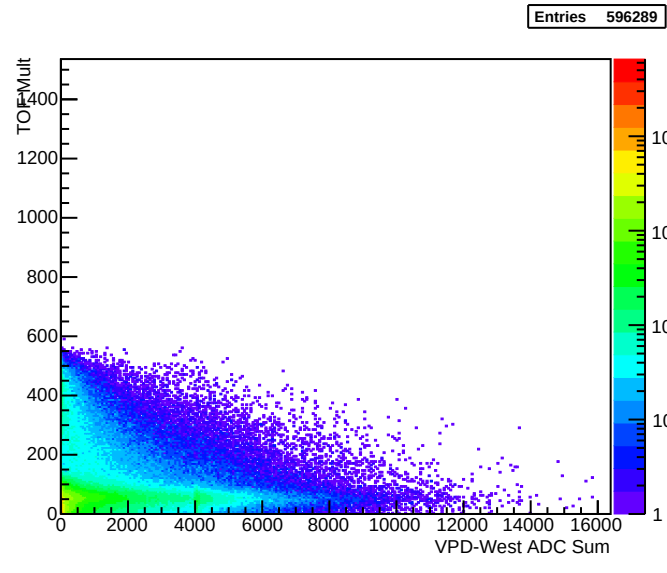

Entries 596289
TOF-Mult
BBC-S-East ADC Sum

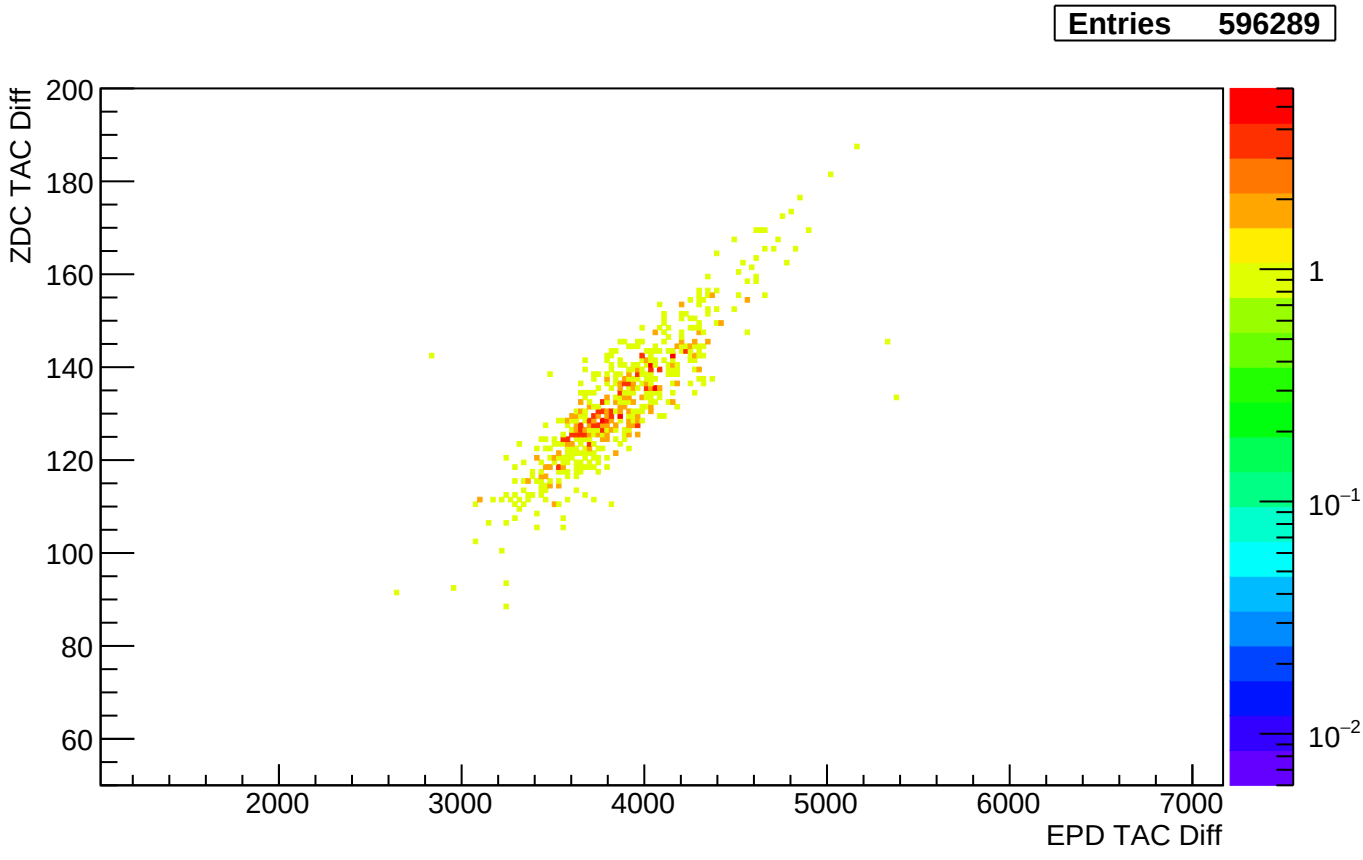

Entries 596289
TOF-Mult
BBC-S-West ADC Sum

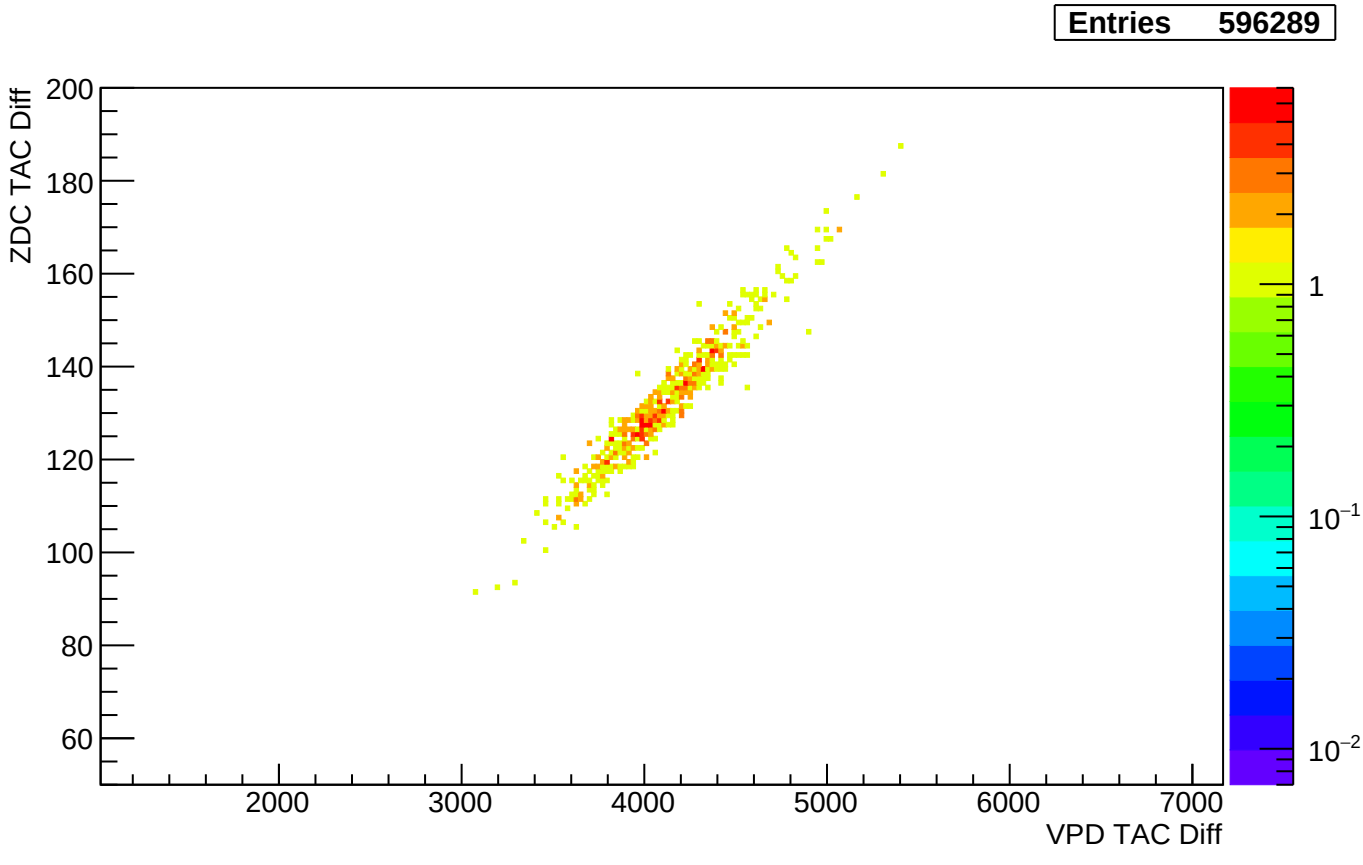

Entries 596289
TOF-Mult
EPD-East Hit Cnt

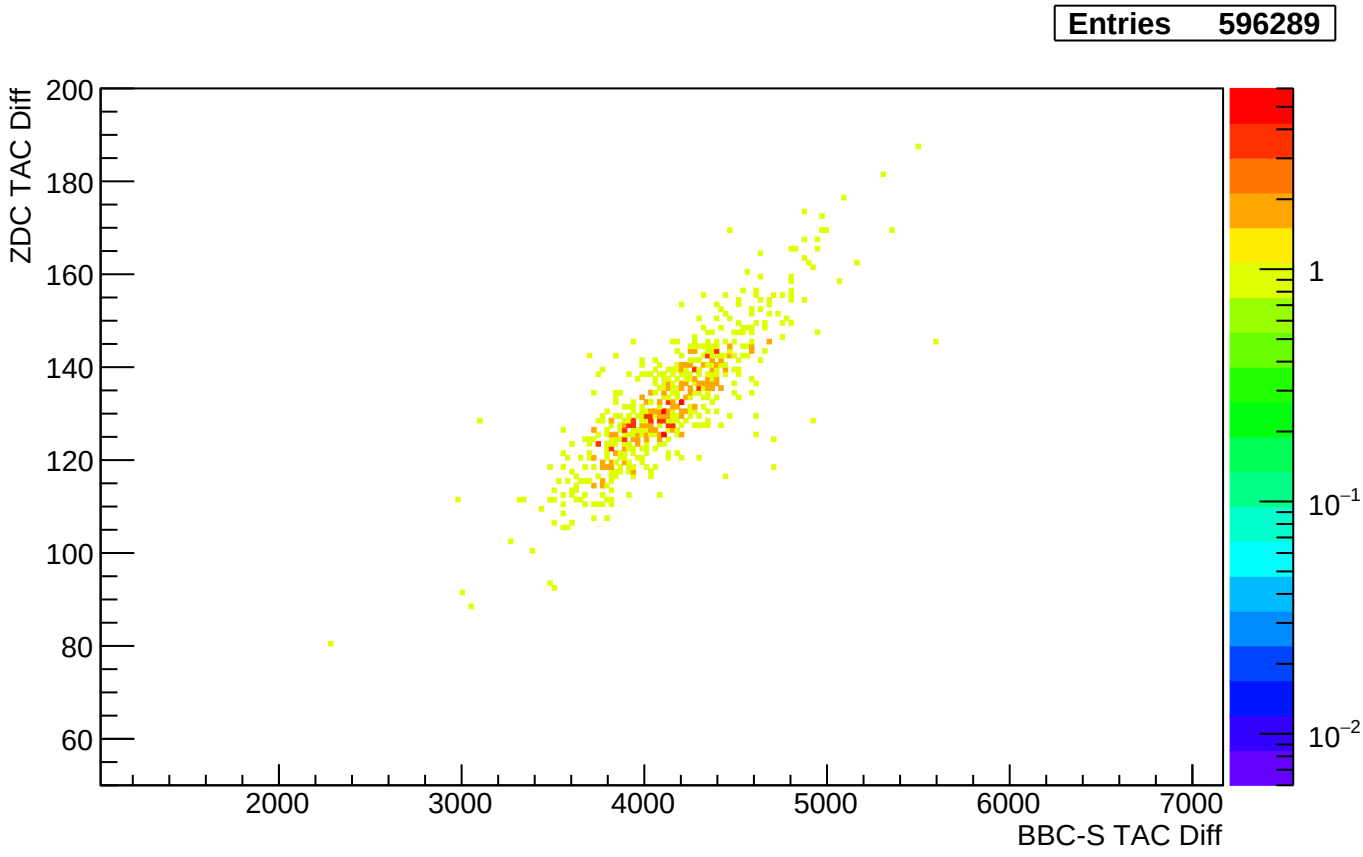

Entries 596289
TOF-Mult
EPD-West Hit Cnt

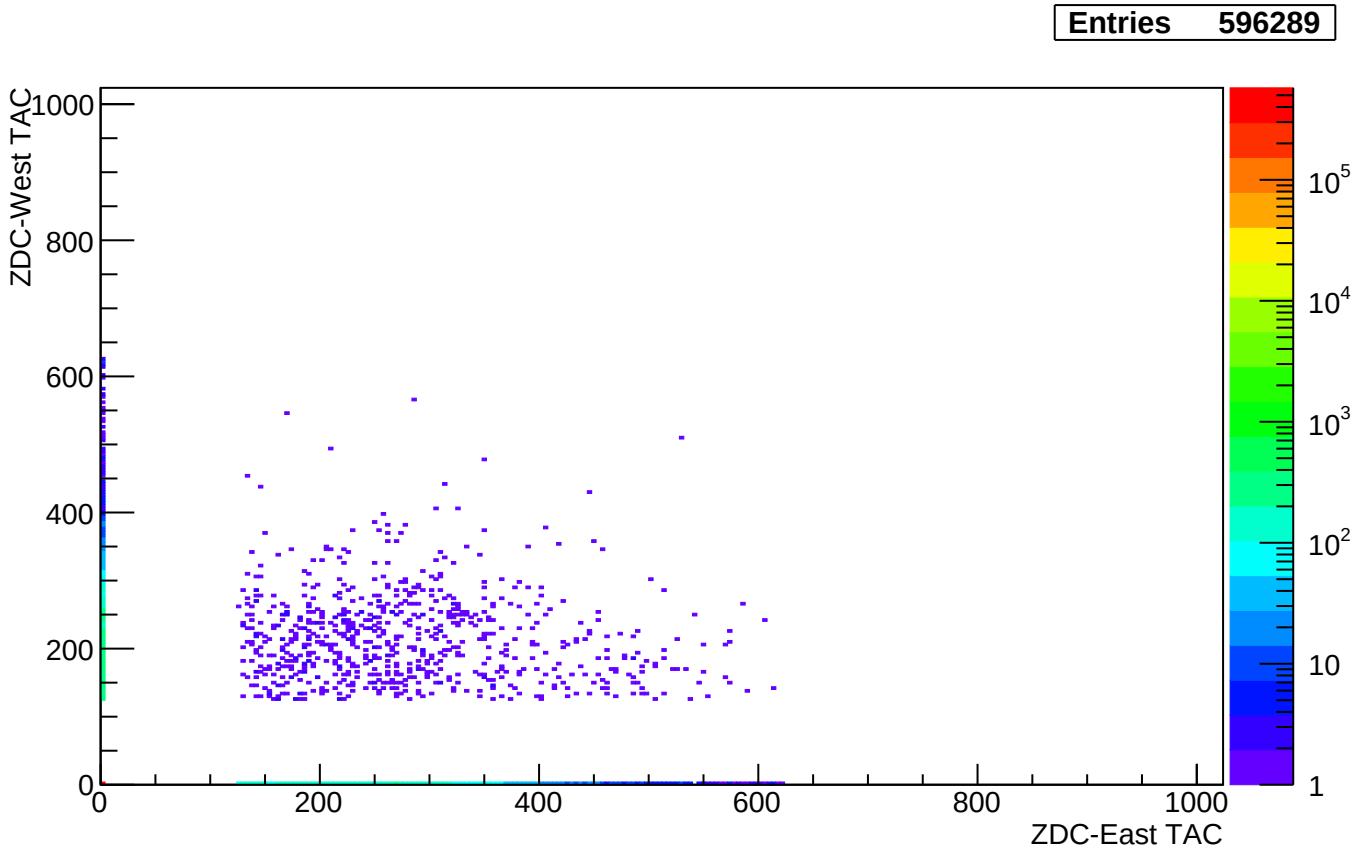

Entries 596289
TOF-Mult
VPD-East ADC Sum

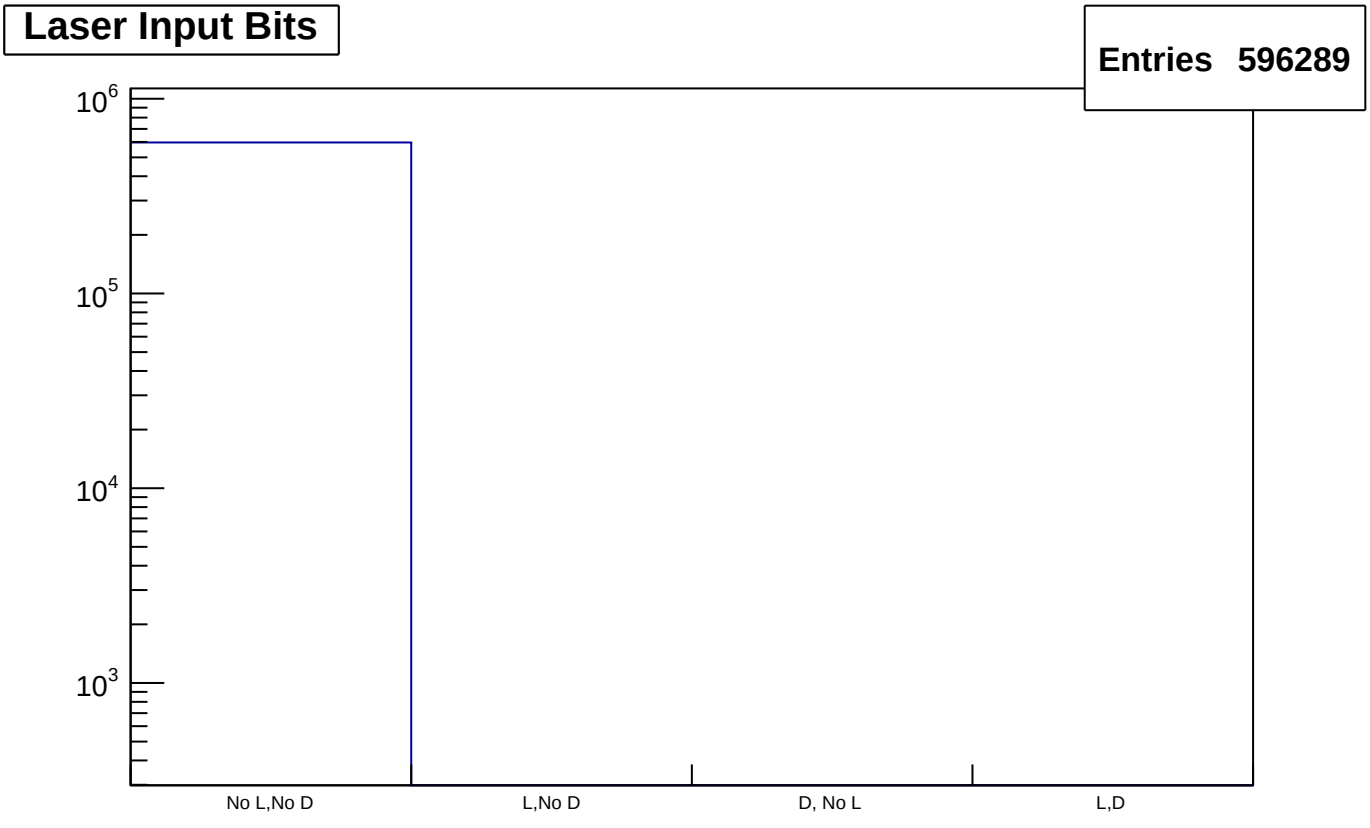

Entries 596289
TOF-Mult
VPD-West ADC Sum

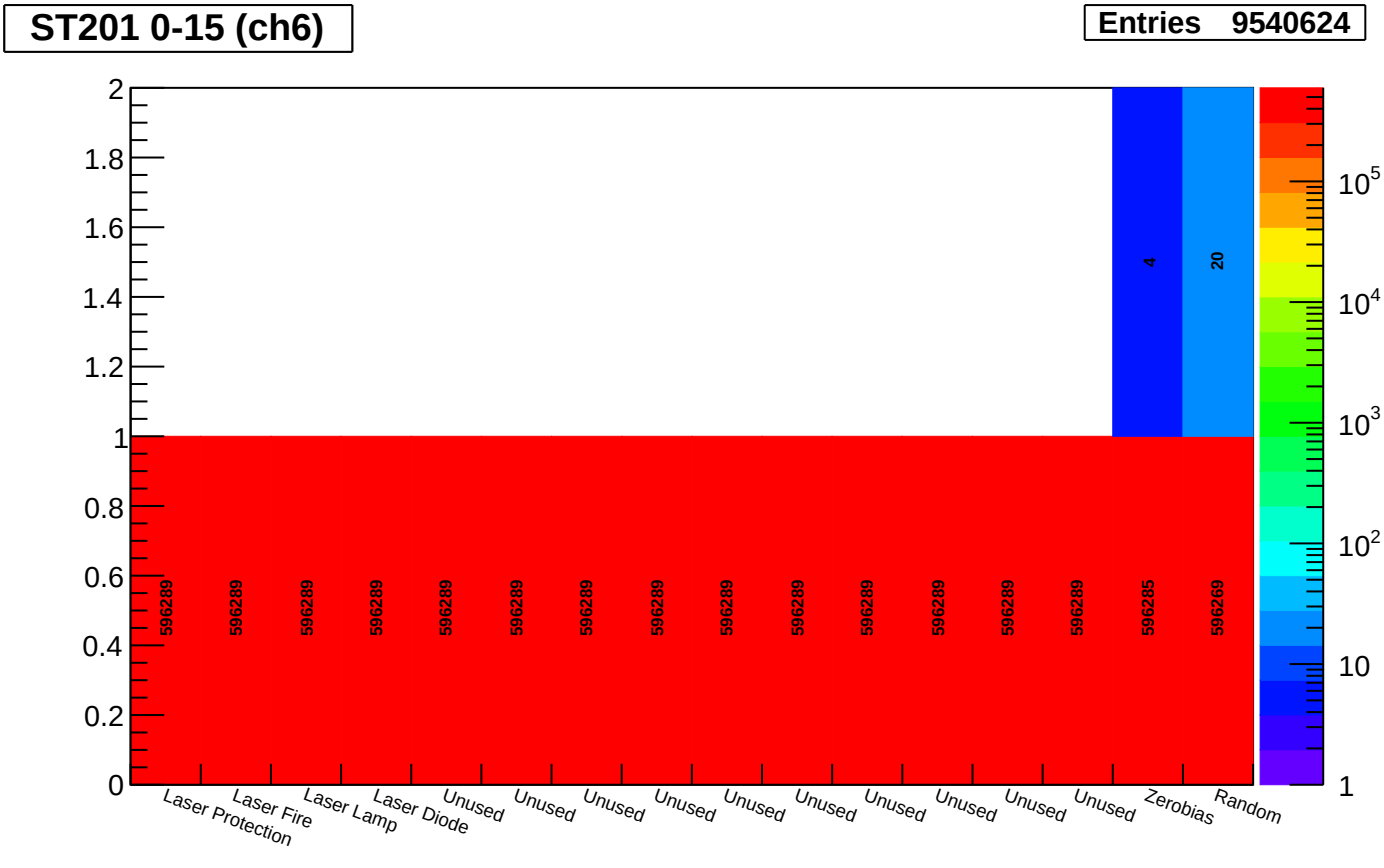

Entries 596289
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

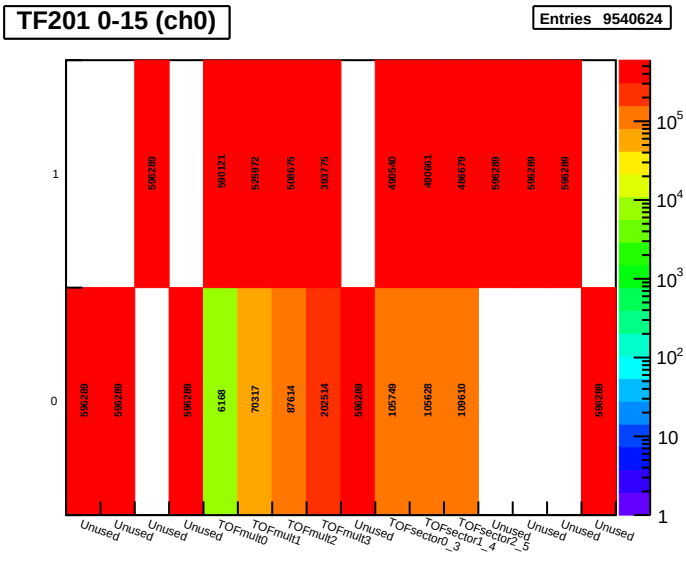

Entries 596289
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

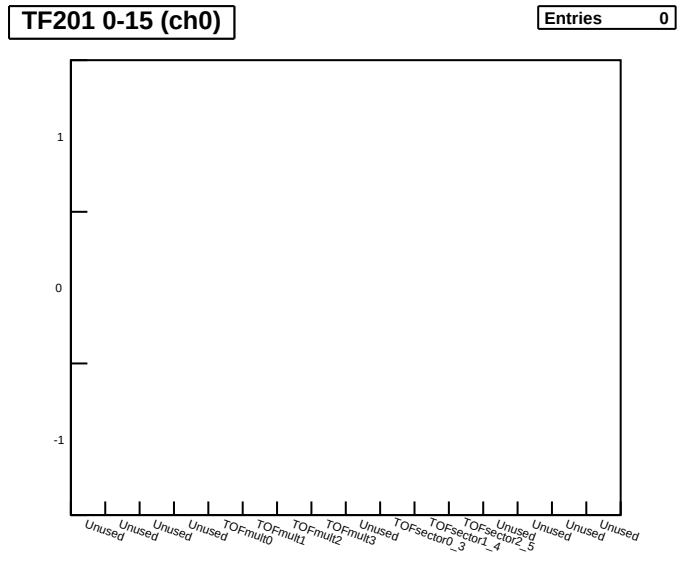

Entries 596289
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

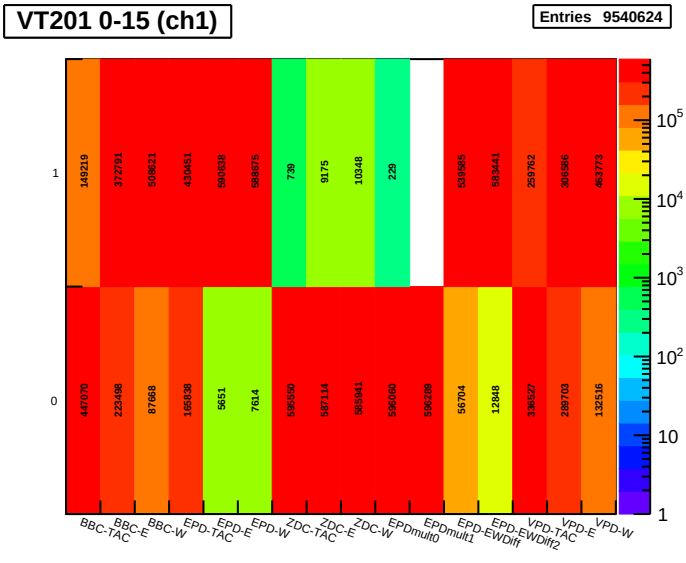

Entries 596289
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

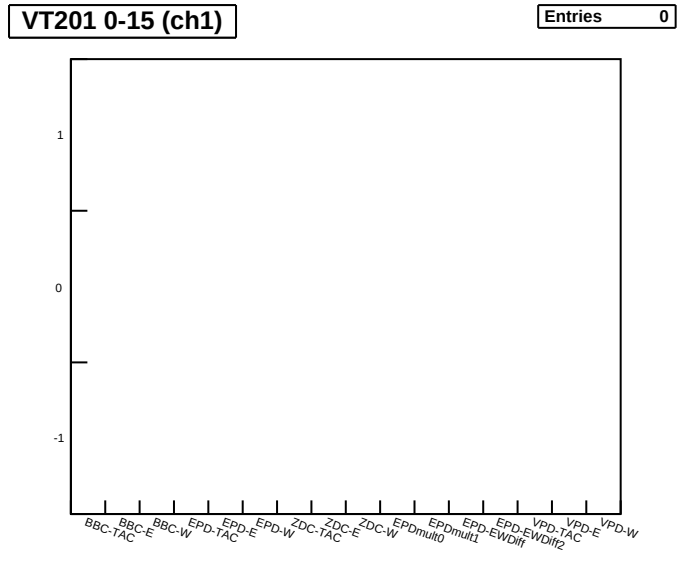

Laser Input Bits
Entries 596289
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

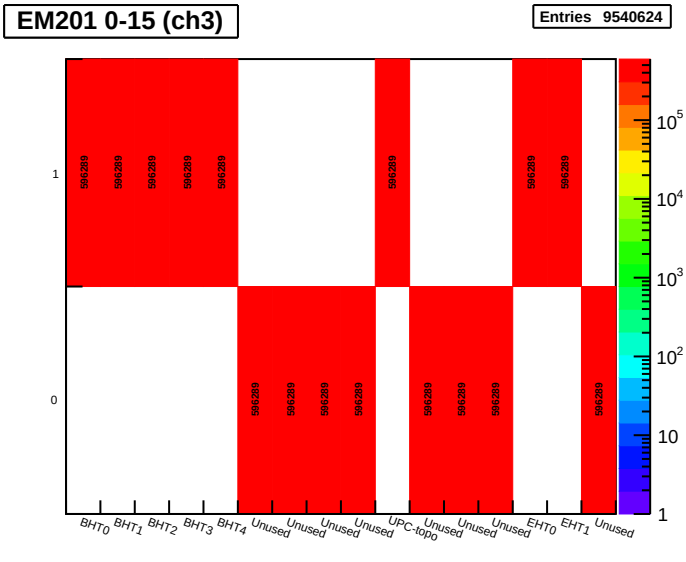

ST201 0-15 (ch6)
Entries 9540624
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
596289
596289
596289
596289
596289
596289
596289
596289
596289
596289
596289
596289
596289
596289
596285
596269
4
20
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

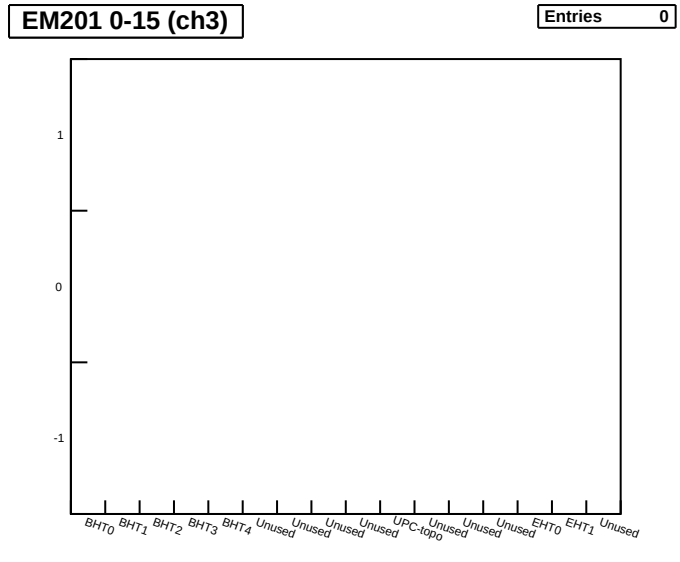

TF201 0-15 (ch0)
Entries 9540624
1
0
596289 596289 596289 596289 590121 525972 508675 393775 490540 490661 486679 596289 596289 596289
596289 596289 596289 6168 70317 87614 202514 596289 105749 105628 109610 596289
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 9540624
1
0
149219 372791 508621 430451 590638 588675 739 9175 10348 229 539585 583441 259762 306586 463773
447070 223498 87668 165838 5651 7614 585550 587114 585941 586060 596289 56704 12848 338527 289703 132516
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 9540624
1
0
596289 596289 596289 596289 596289 596289 596289 596289 596289
596289 596289 596289 596289 596289 596289 596289 596289
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