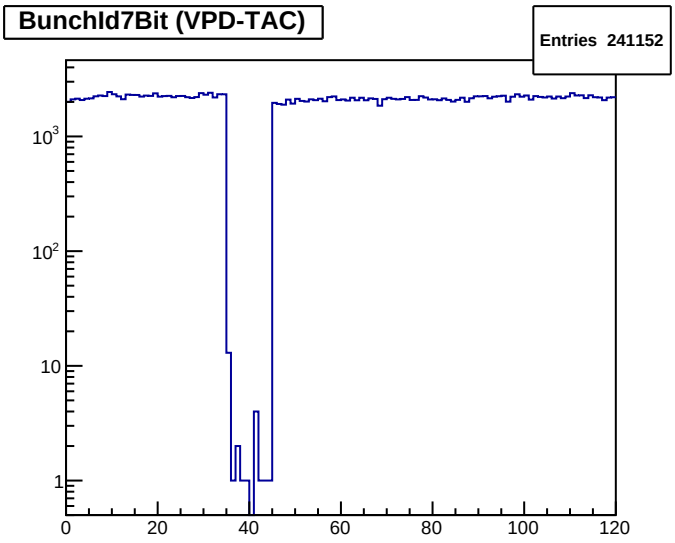
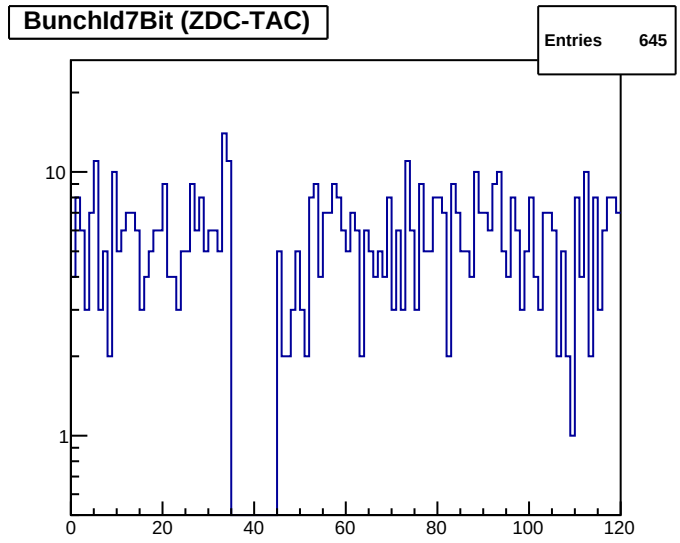
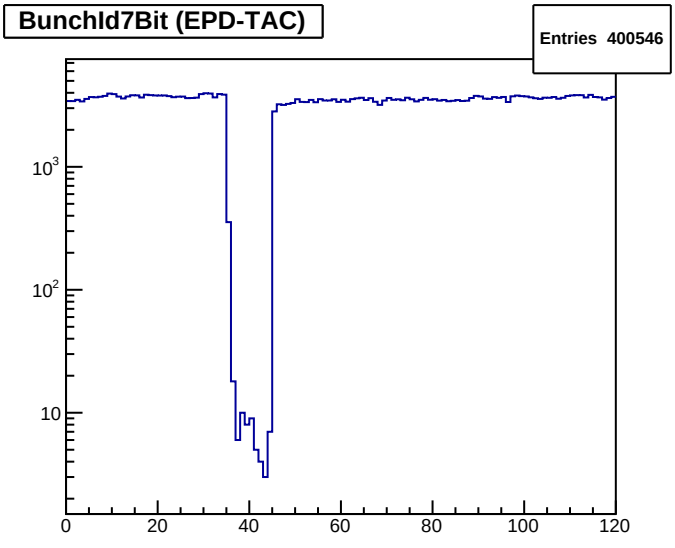
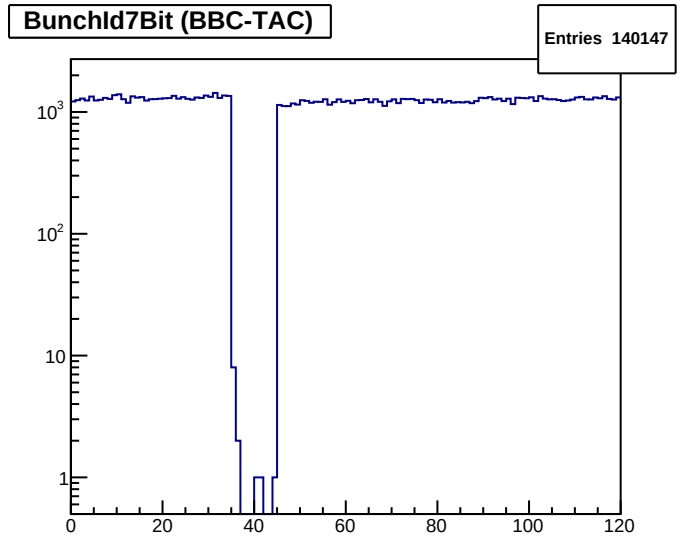
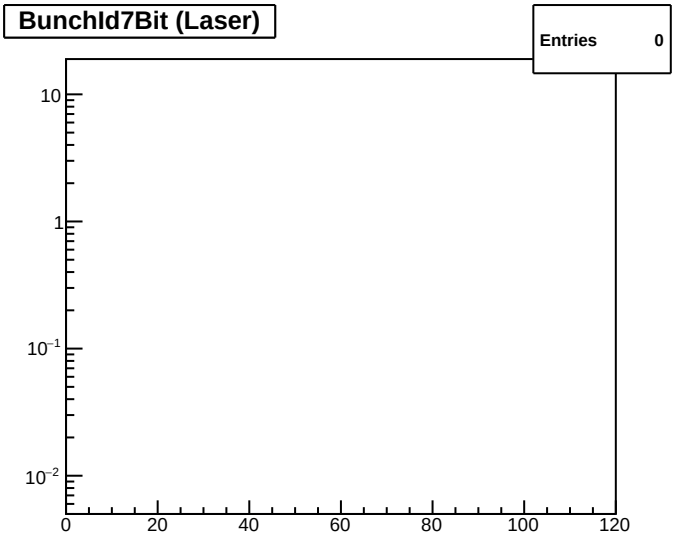
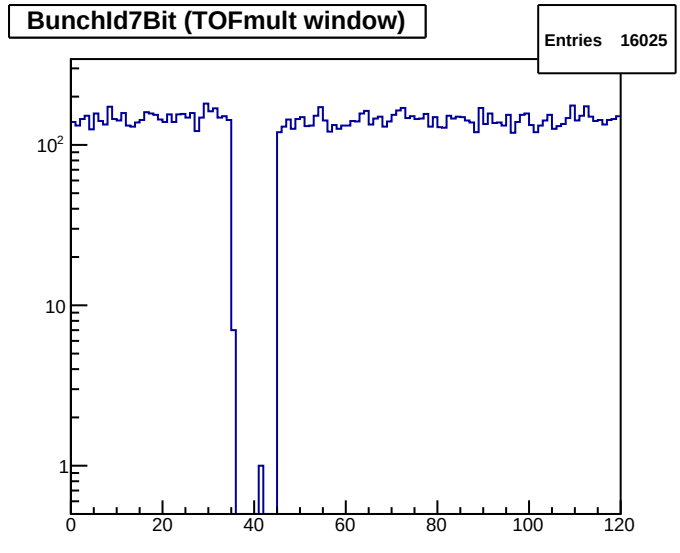

BunchId7Bit (VPD-TAC)
Entries 241152

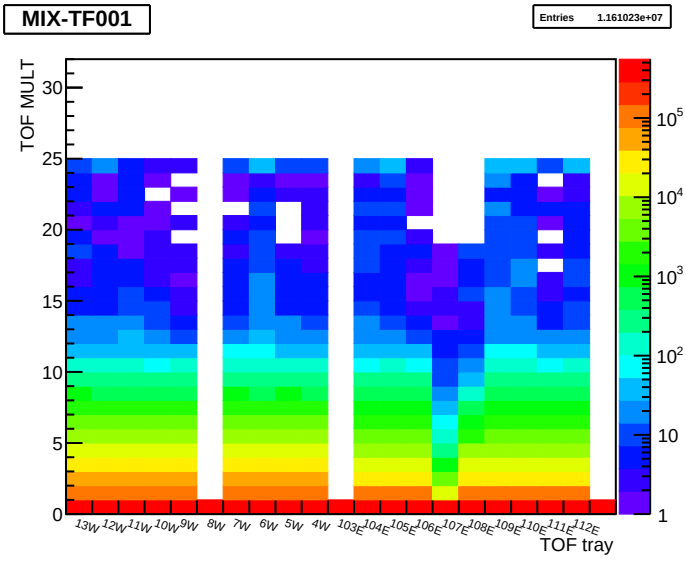

BunchId7Bit (ZDC-TAC)
Entries 645

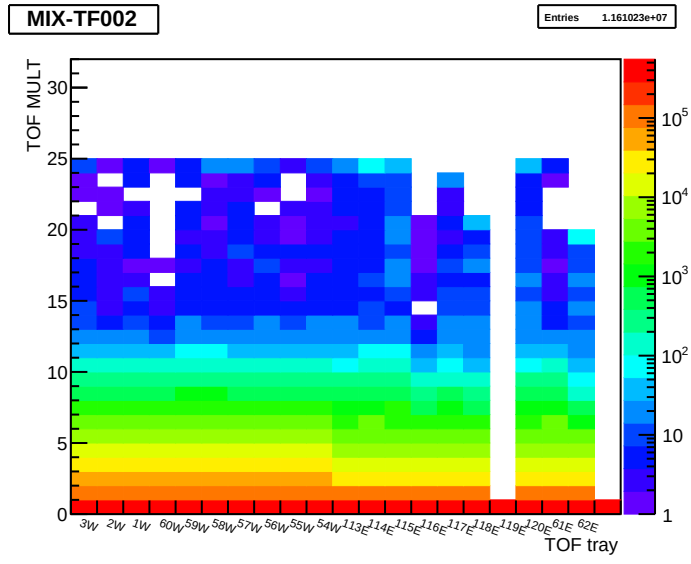

BunchId7Bit (EPD-TAC)
Entries 400546

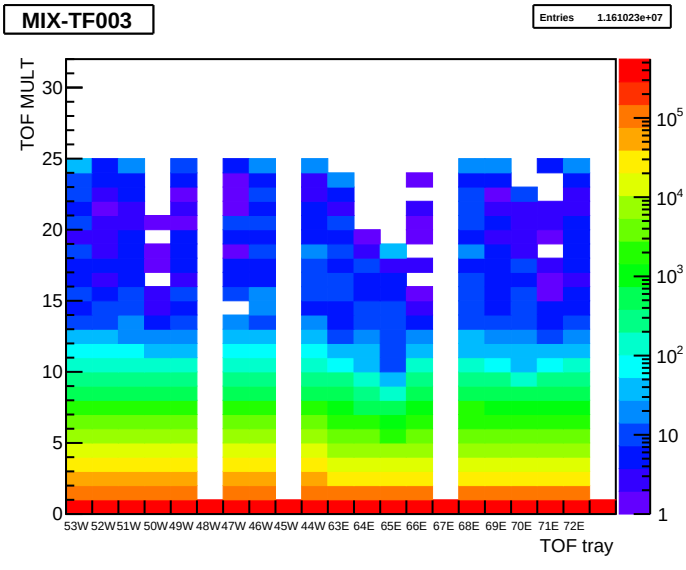

BunchId7Bit (BBC-TAC)
Entries 140147

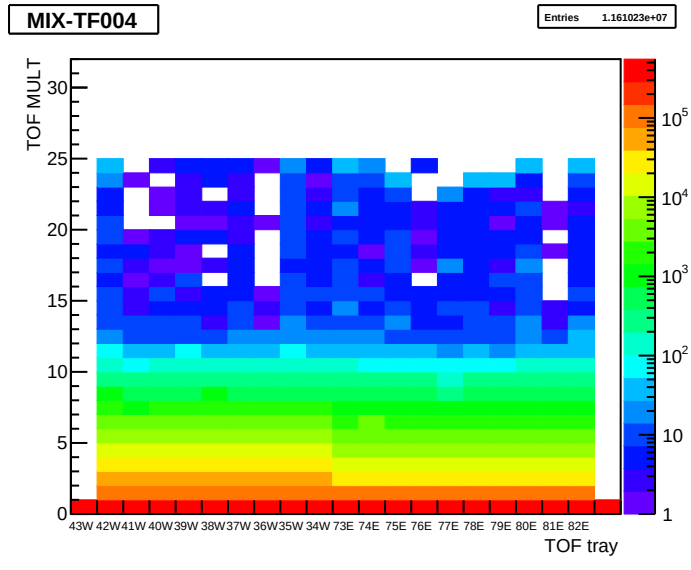

BunchId7Bit (Laser)
Entries 0

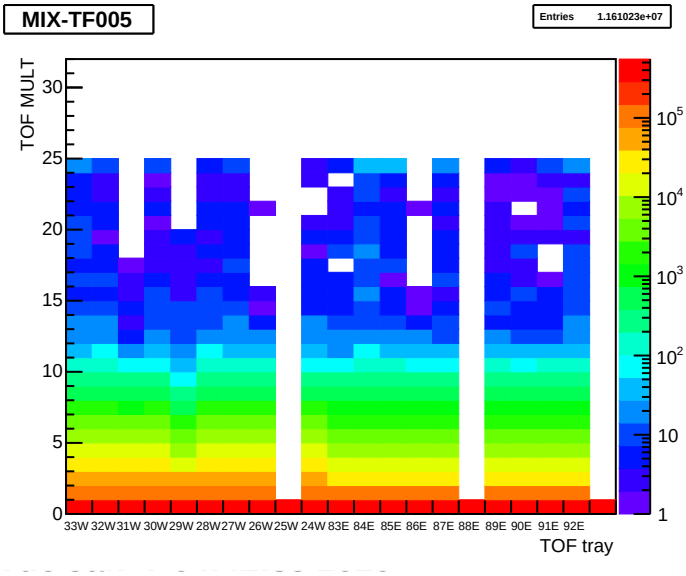

BunchId7Bit (TOFmult window)
Entries 16025

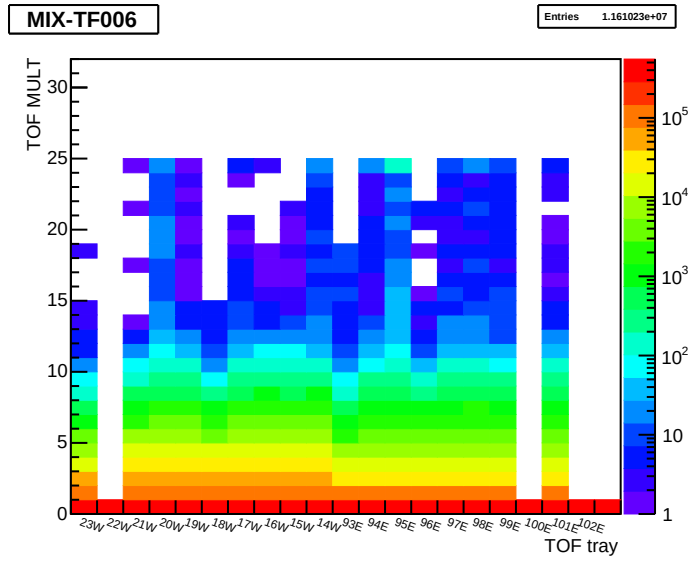

MIX-TF001
Entries 1.161023e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

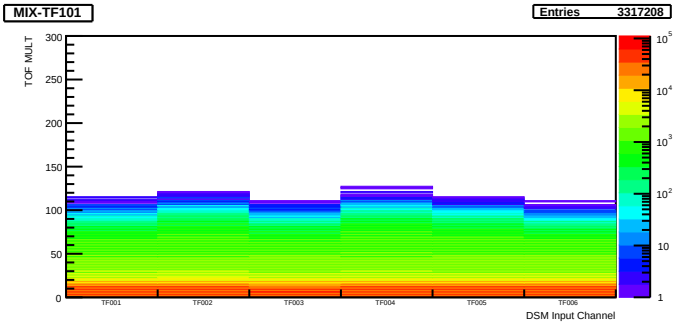

MIX-TF002
Entries 1.161023e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

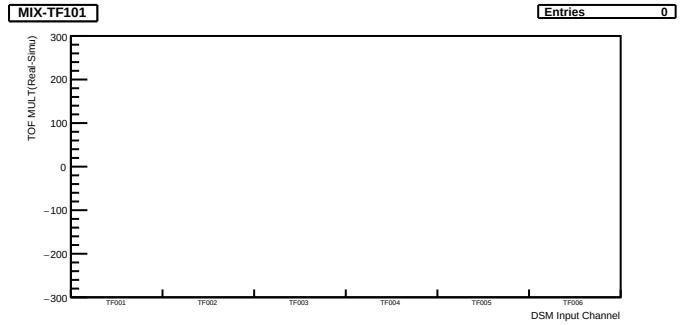

MIX-TF003
Entries 1.161023e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

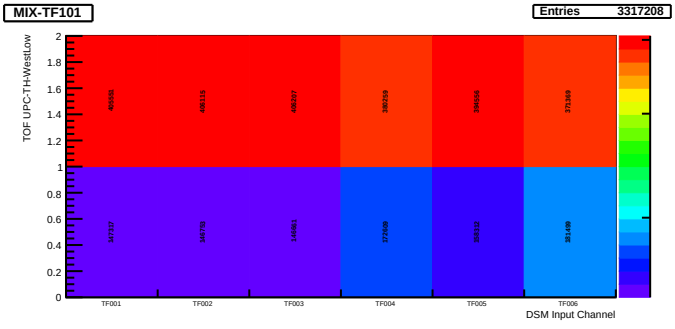

MIX-TF004
Entries 1.161023e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

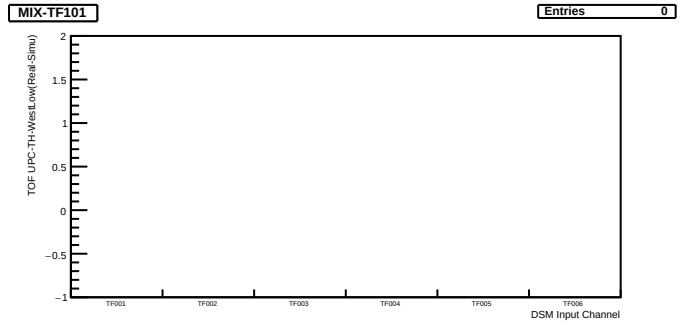

MIX-TF005
Entries 1.161023e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

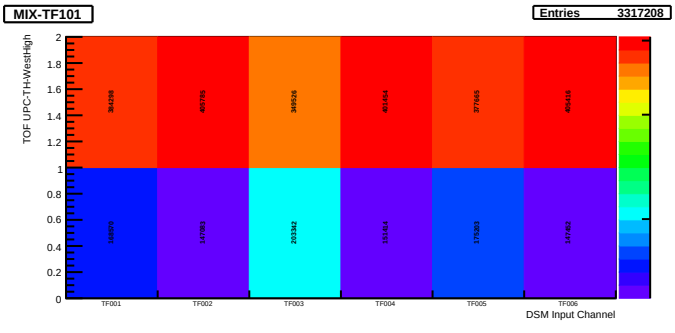

MIX-TF006
Entries 1.161023e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

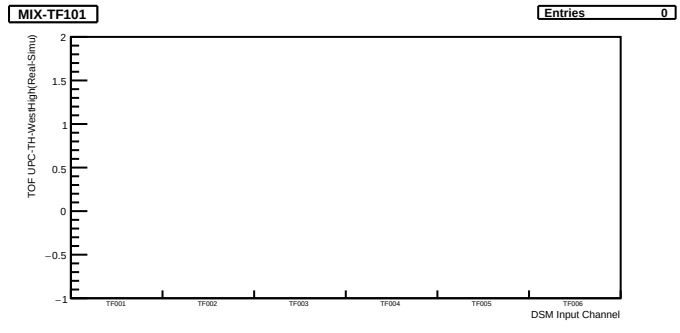

MIX-TF101
Entries 3317208
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

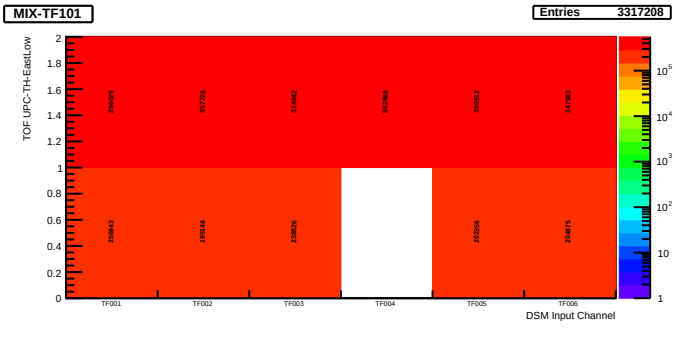

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

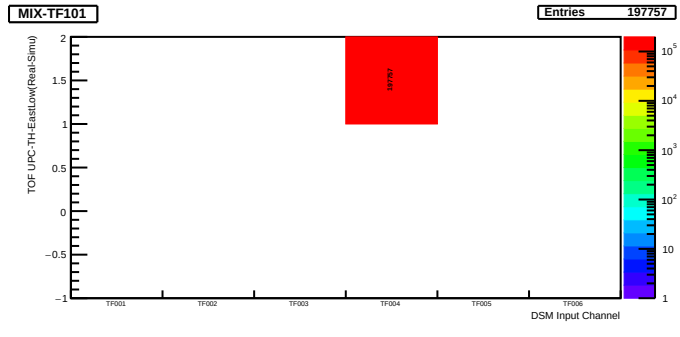

MIX-TF101
Entries 3317208
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

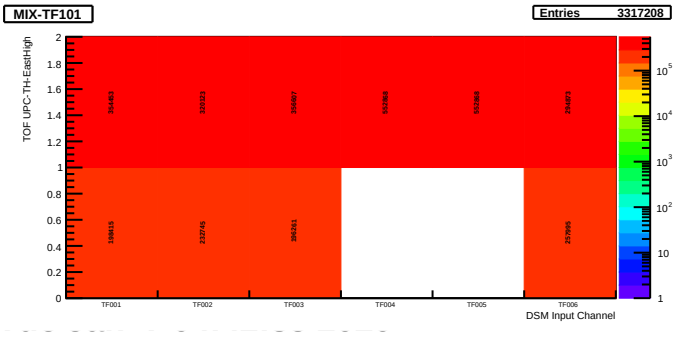

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

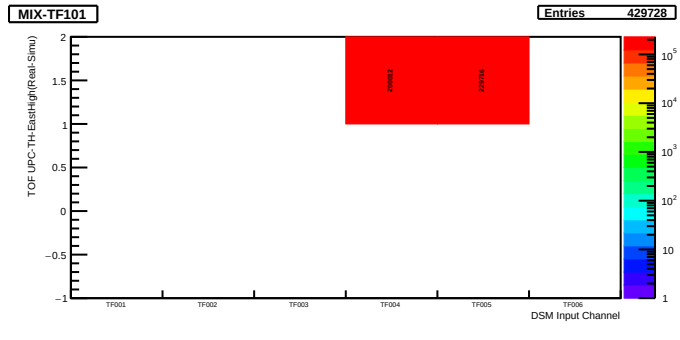

MIX-TF101
Entries 3317208
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

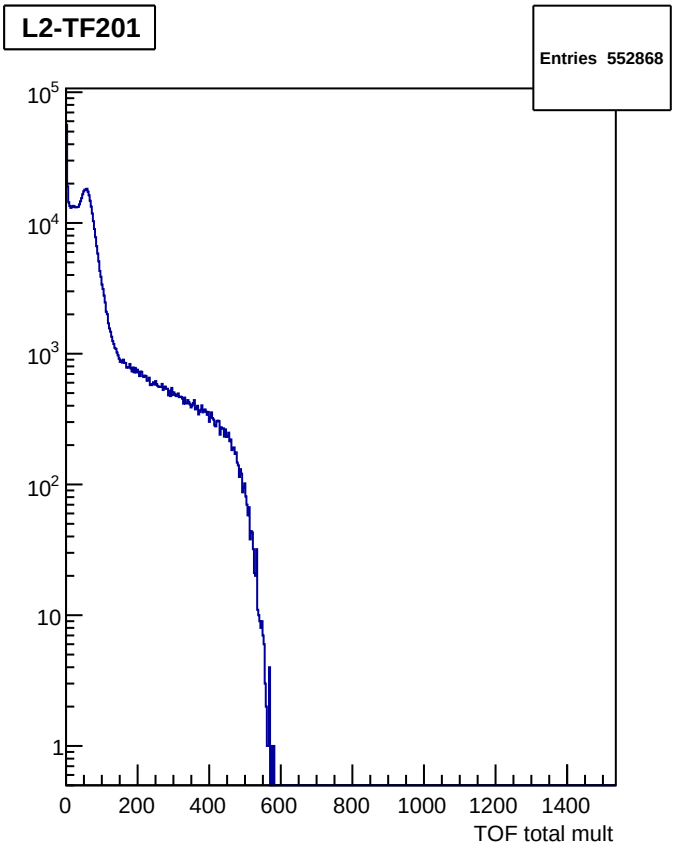

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

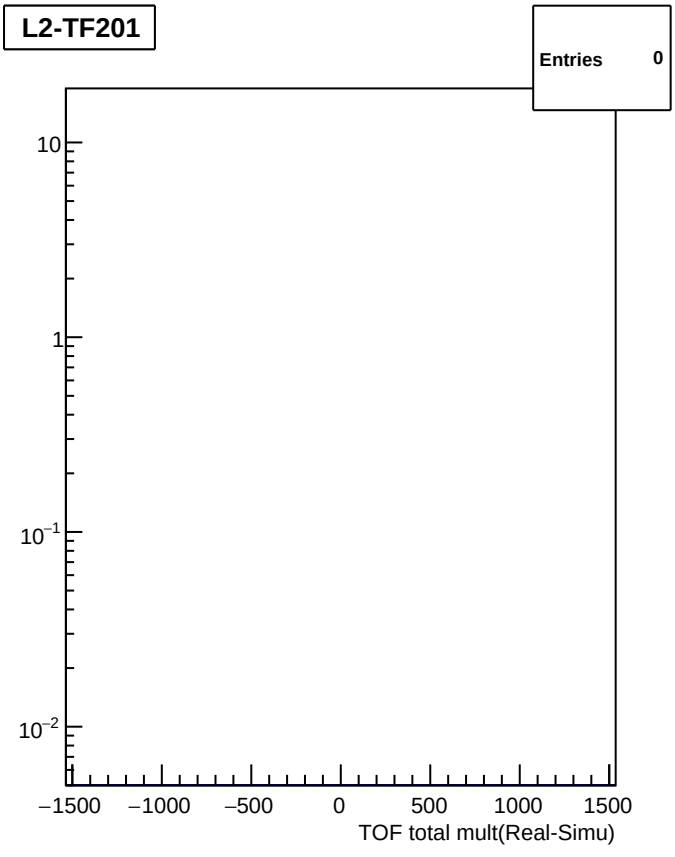

MIX-TF101
Entries 3317208
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

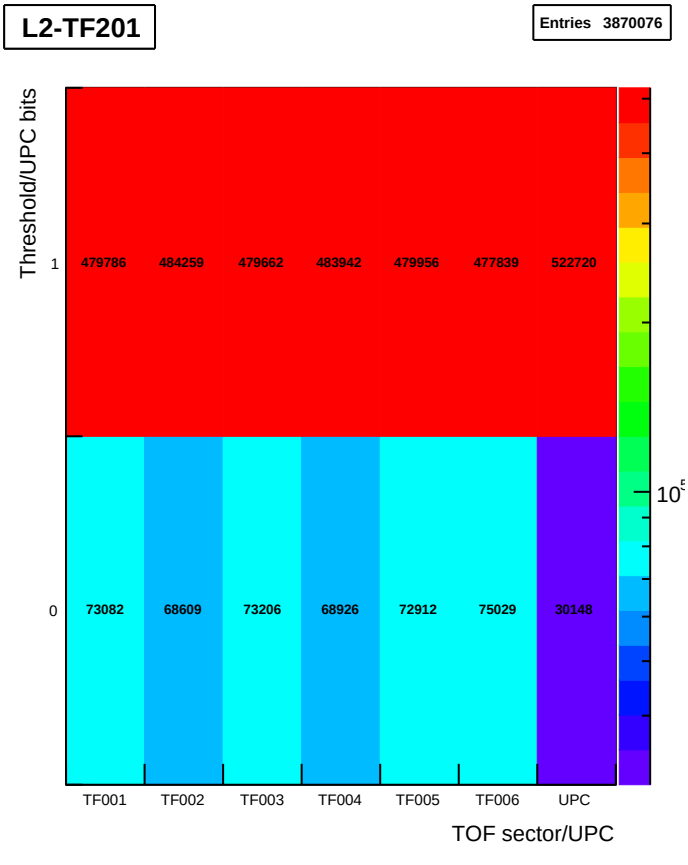

MIX-TF101
Entries 197757
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

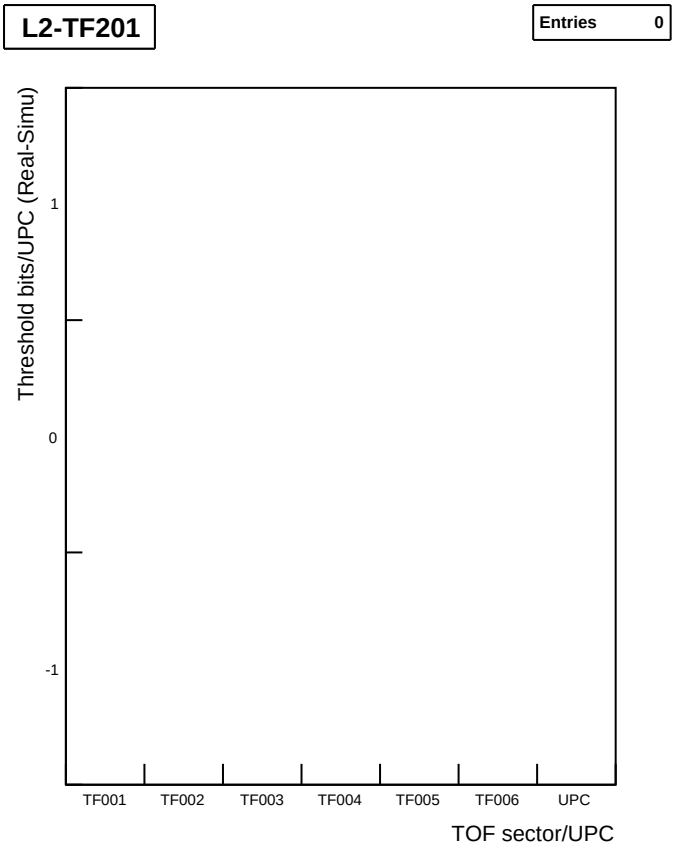

MIX-TF101
Entries 3317208
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

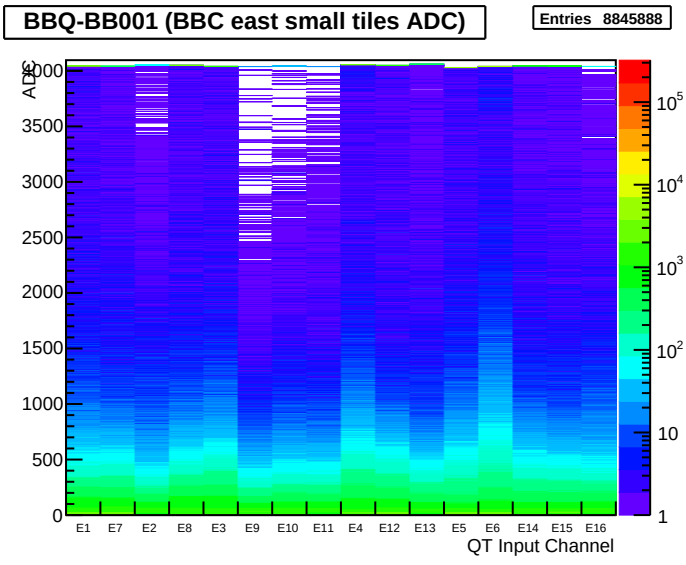

MIX-TF101
Entries 429728
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

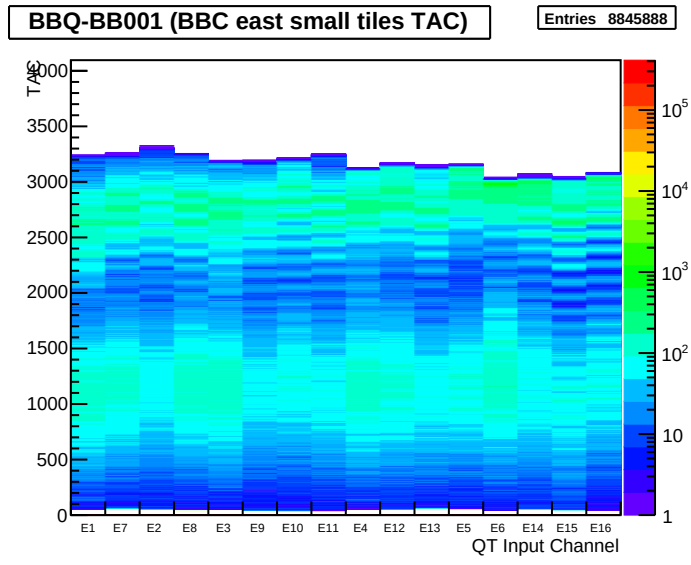

L2-TF201
Entries 552868
TOF total mult

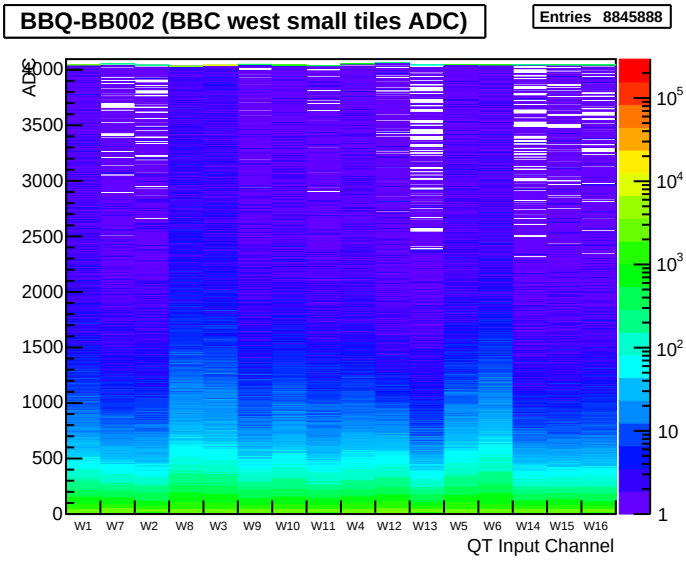

L2-TF201
Entries 0
TOF total mult(Real-Simu)

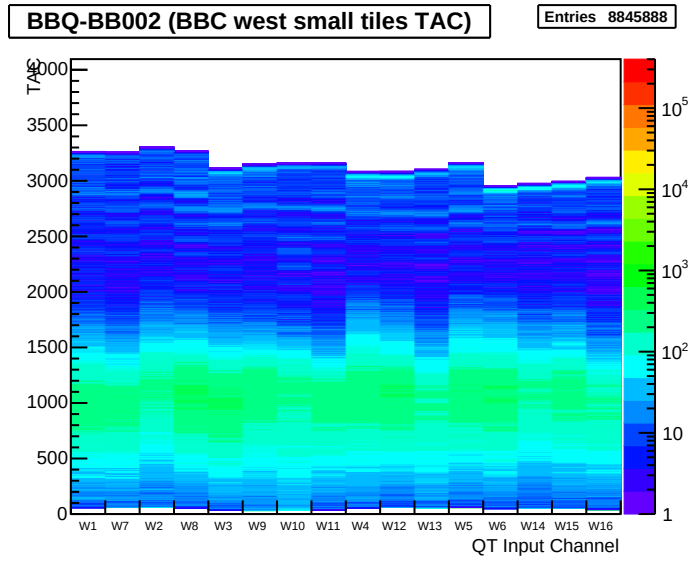

L2-TF201
Entries 3870076
Threshold/UPC bits
479786
484259
479662
483942
479956
477839
522720
73082
68609
73206
68926
72912
75029
30148
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

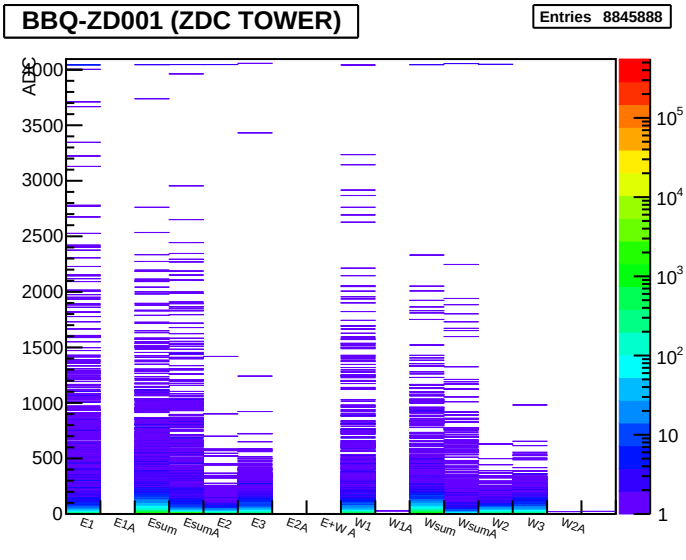

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

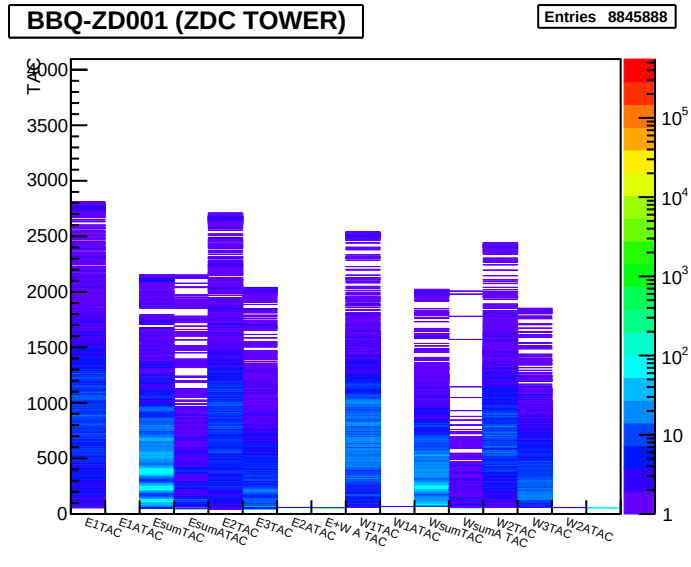

BBQ-BB001 (BBC east small tiles ADC)
Entries 8845888
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

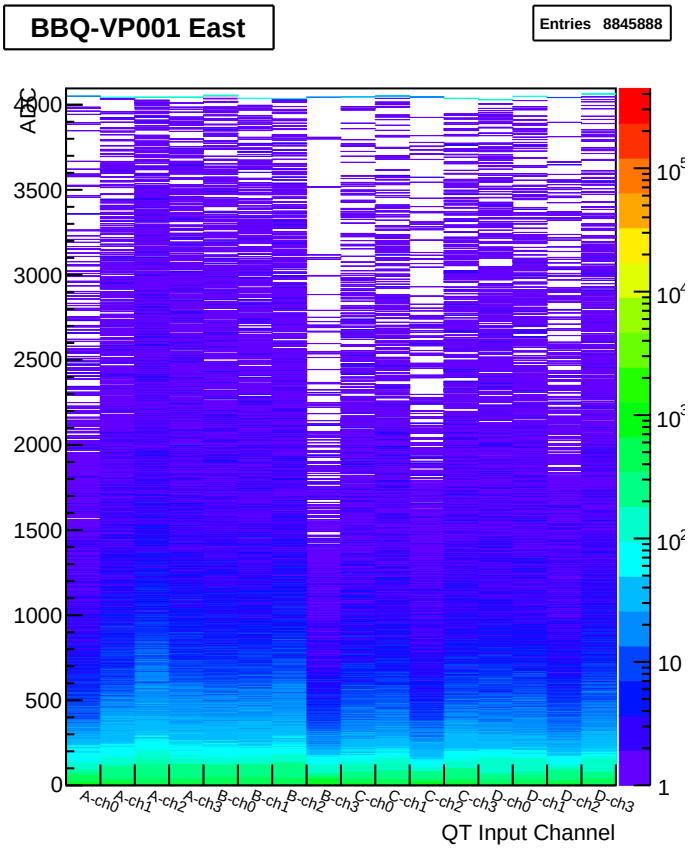

BBQ-BB001 (BBC east small tiles TAC)
Entries 8845888
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

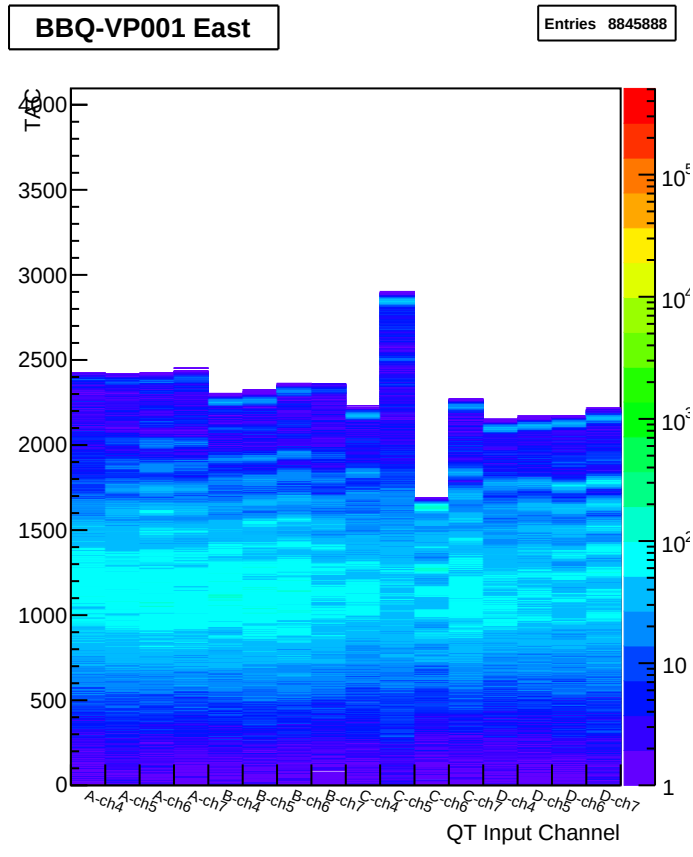

BBQ-BB002 (BBC west small tiles ADC)
Entries 8845888
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

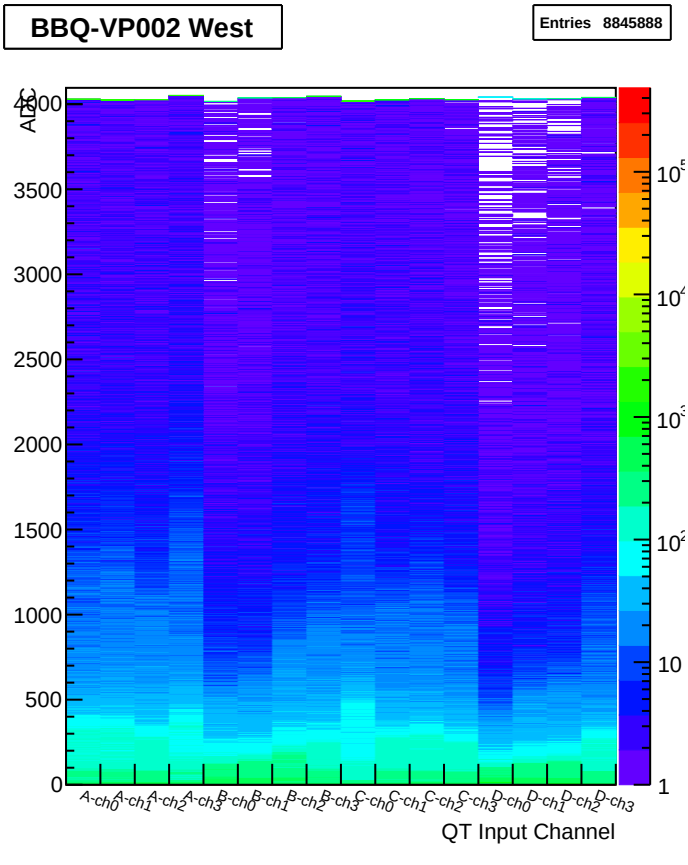

BBQ-BB002 (BBC west small tiles TAC)
Entries 8845888
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

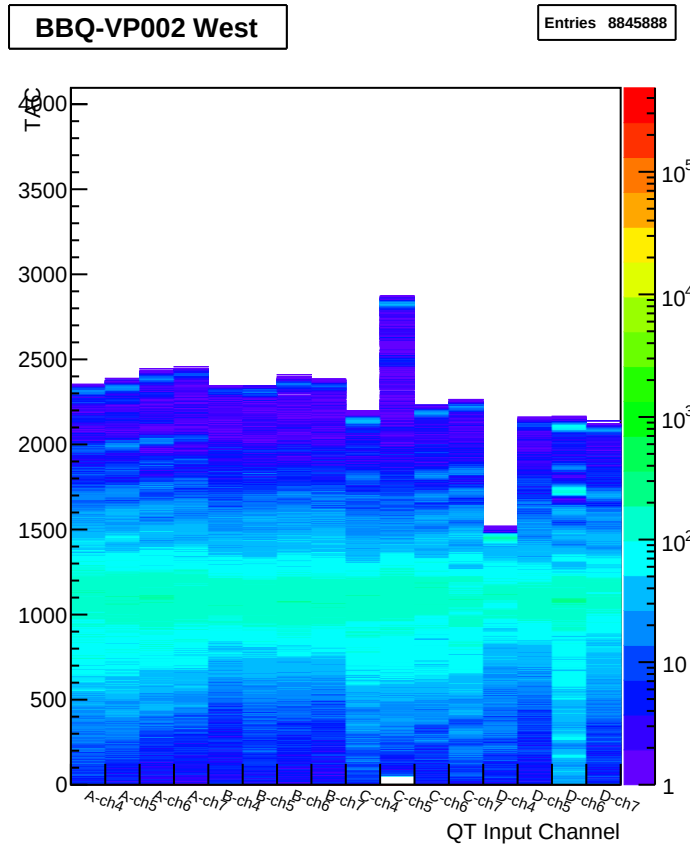

BBQ-ZD001 (ZDC TOWER)
Entries 8845888
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

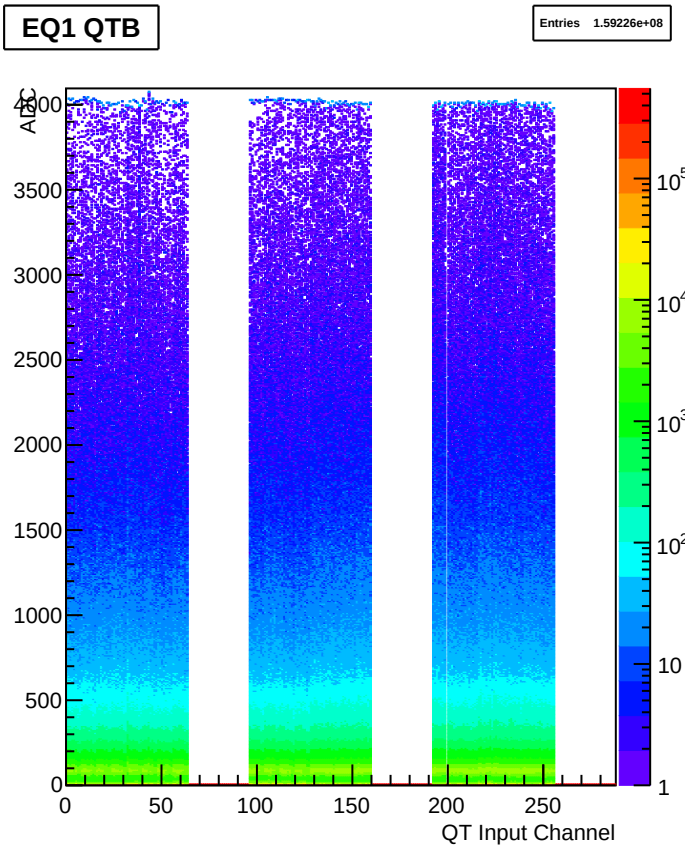

BBQ-ZD001 (ZDC TOWER)
Entries 8845888
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

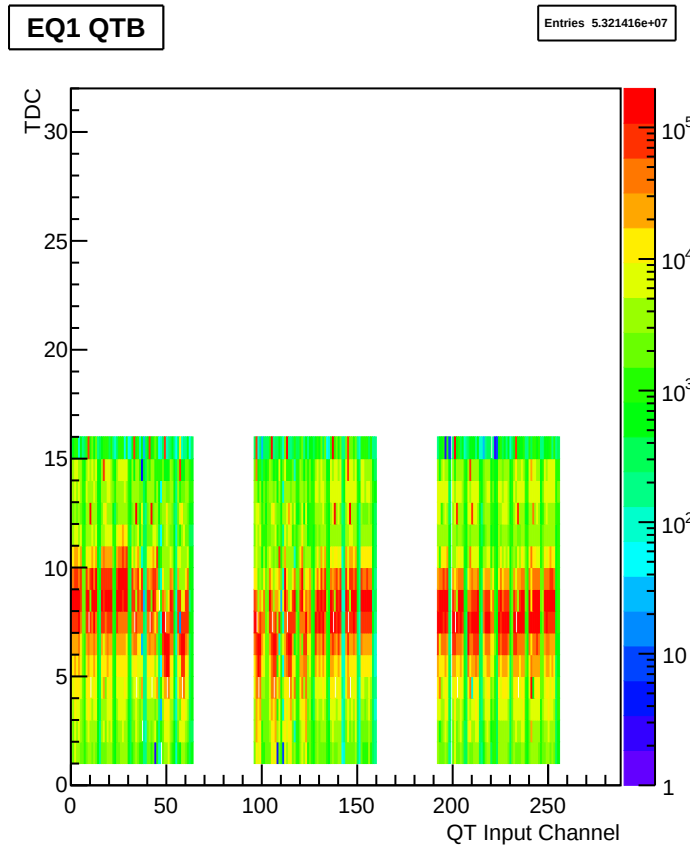

BBQ-VP001 East
Entries 8845888
ADC
QT Input Channel

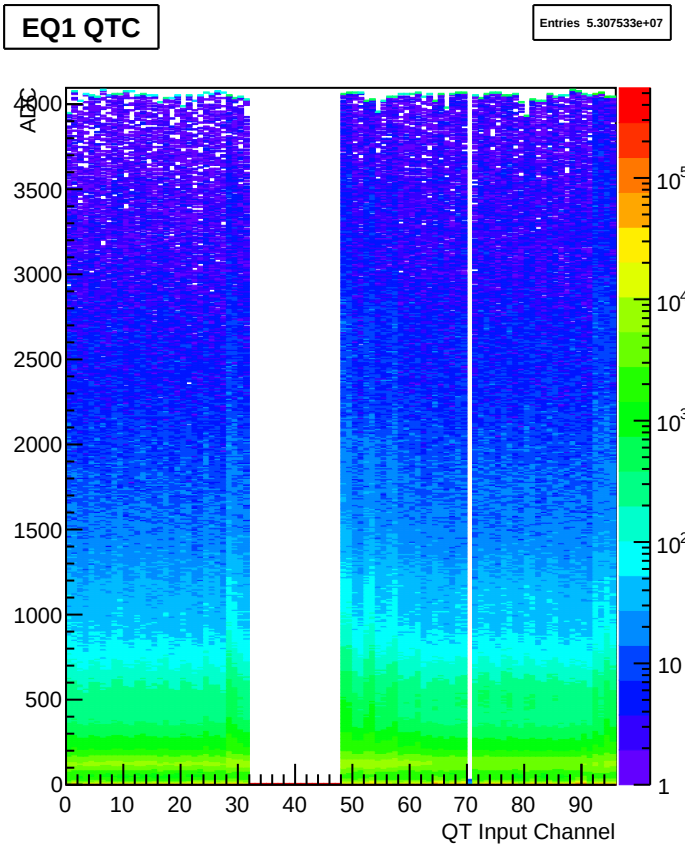

BBQ-VP001 East
Entries 8845888
TADC
QT Input Channel

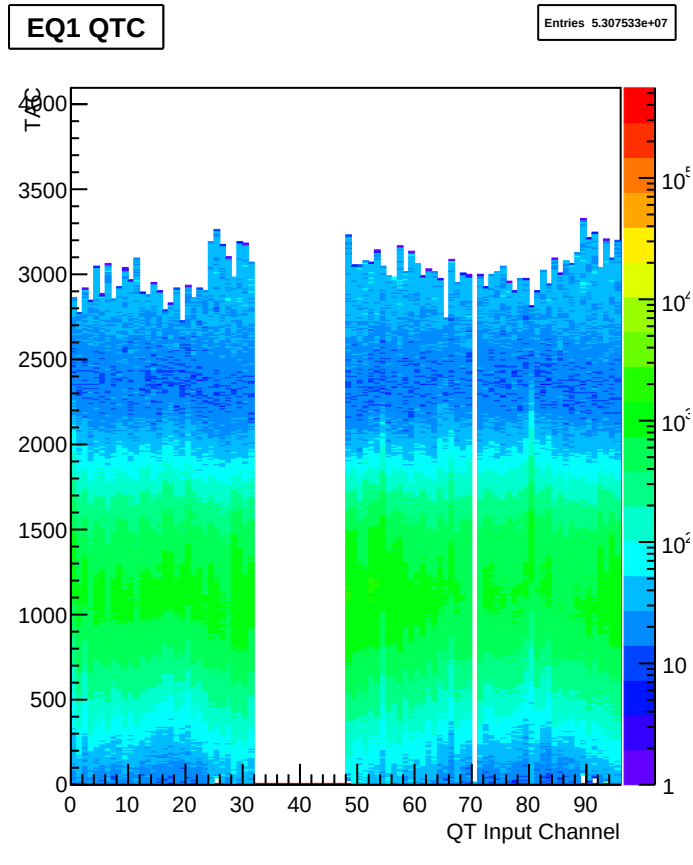

BBQ-VP002 West
Entries 8845888
ADC
QT Input Channel

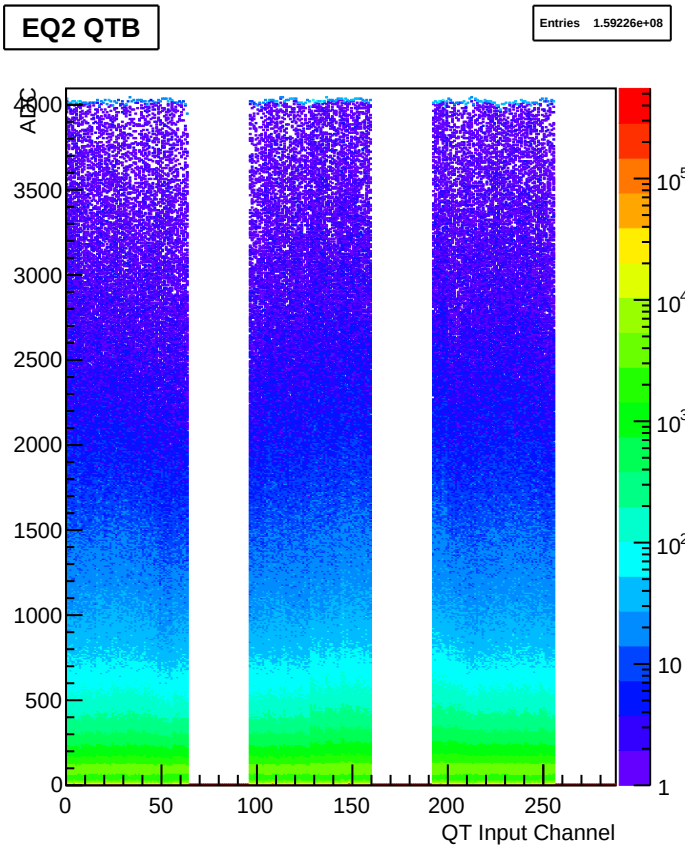

BBQ-VP002 West
Entries 8845888
TADC
QT Input Channel

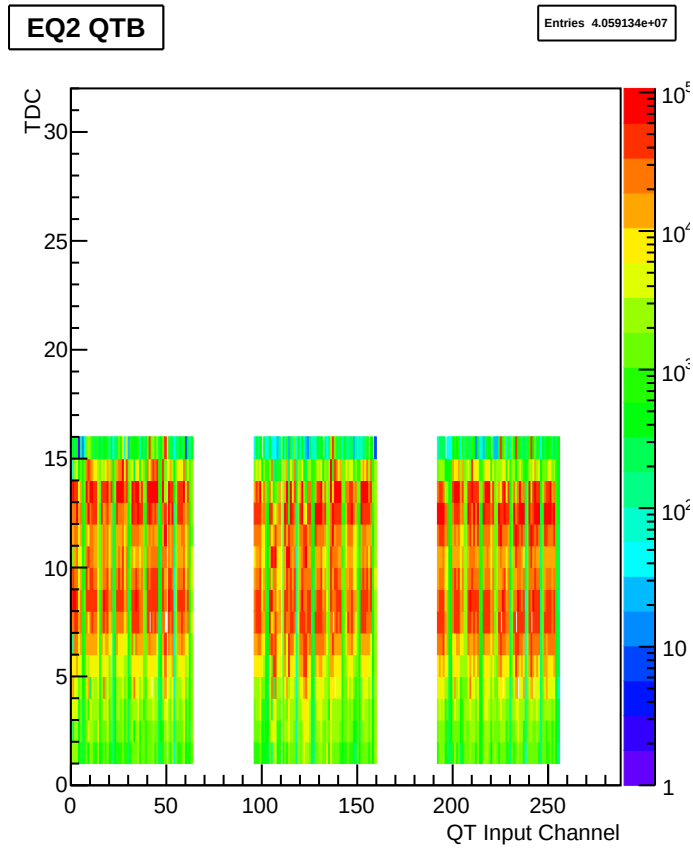

EQ1 QTB
Entries 1.59226e+08
ADC
QT Input Channel

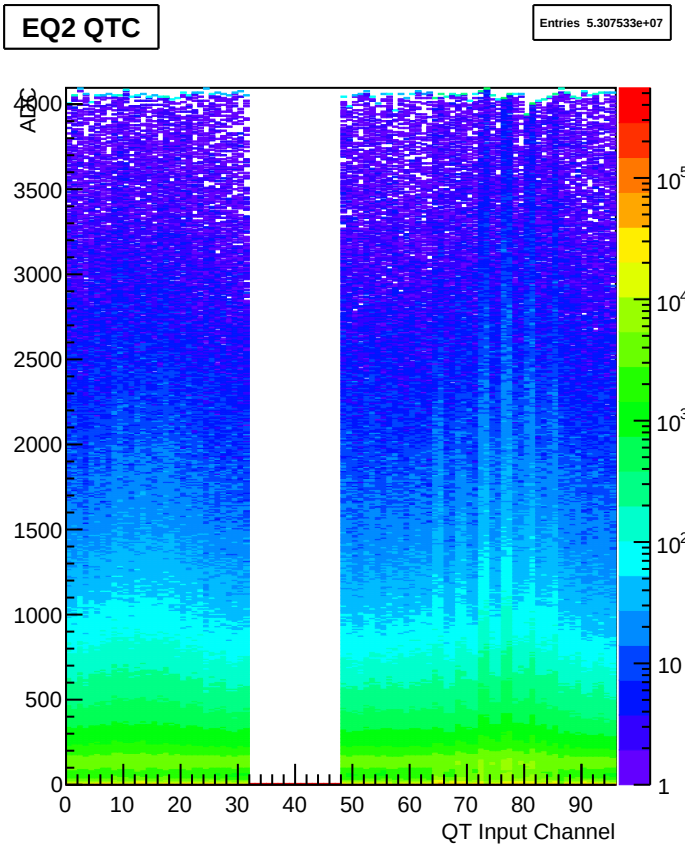

EQ1 QTB
Entries 5.321416e+07
TDC
QT Input Channel

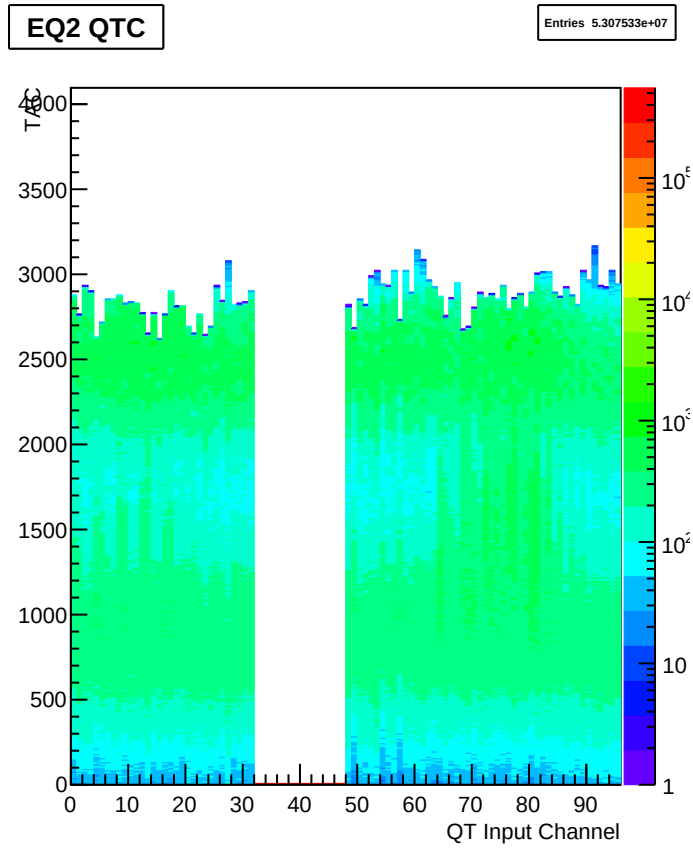

EQ1 QTC
Entries 5.307533e+07
ADC
QT Input Channel

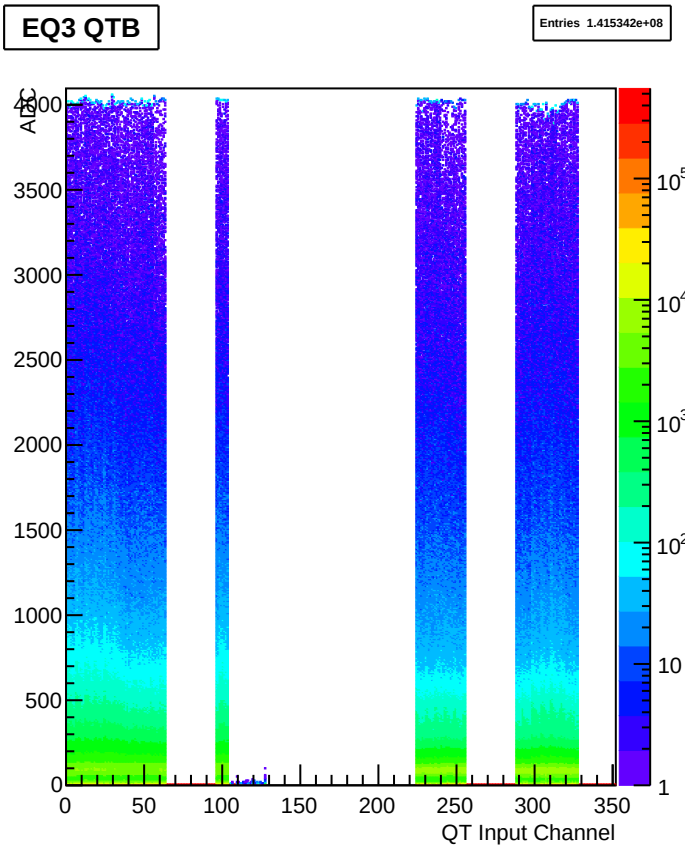

EQ1 QTC
Entries 5.307533e+07
TADC
QT Input Channel

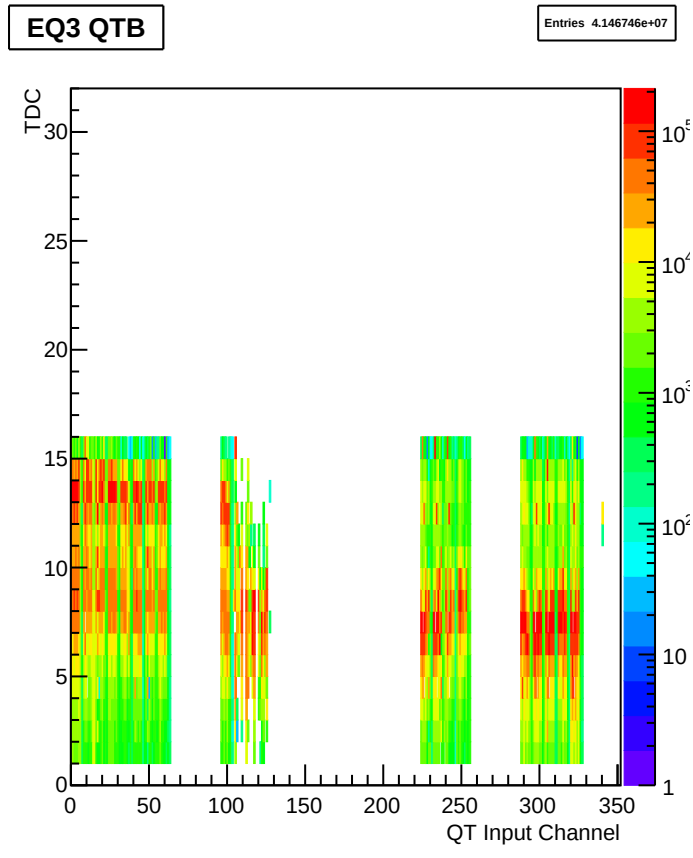

EQ2 QTB
Entries 1.59226e+08
ADC
QT Input Channel

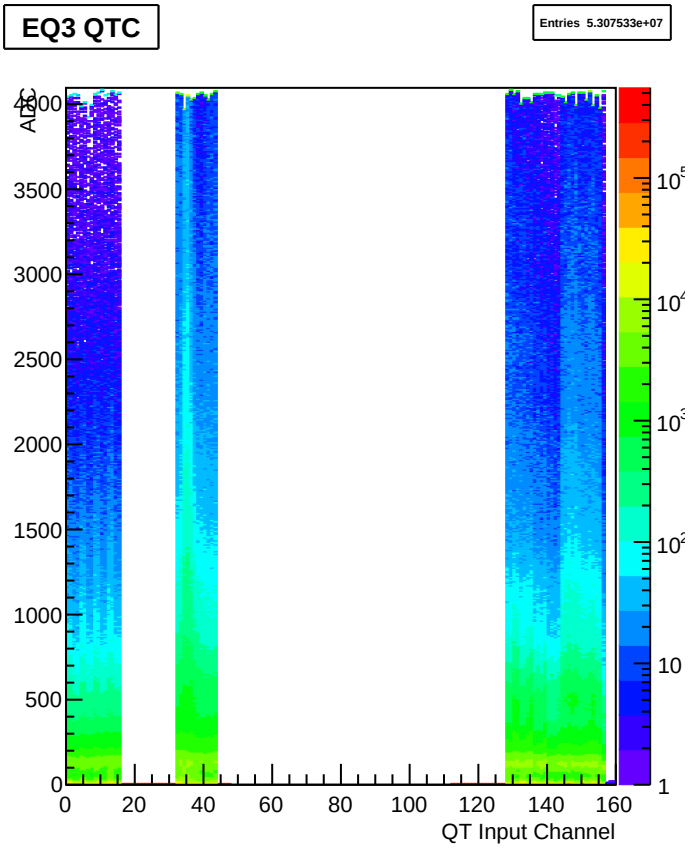

EQ2 QTB
Entries 4.059134e+07
TDC
QT Input Channel

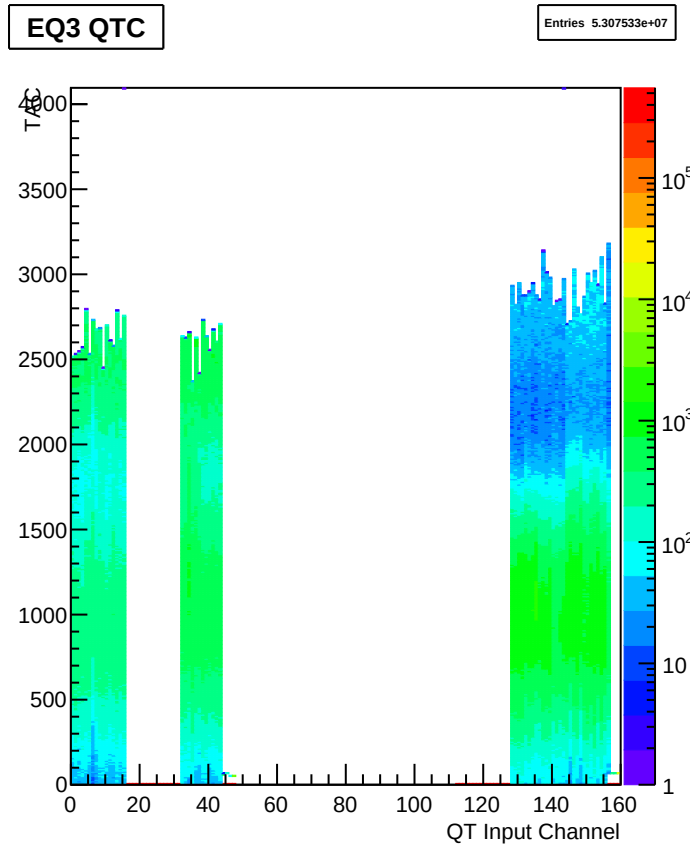

EQ2 QTC
Entries 5.307533e+07
ADC
QT Input Channel

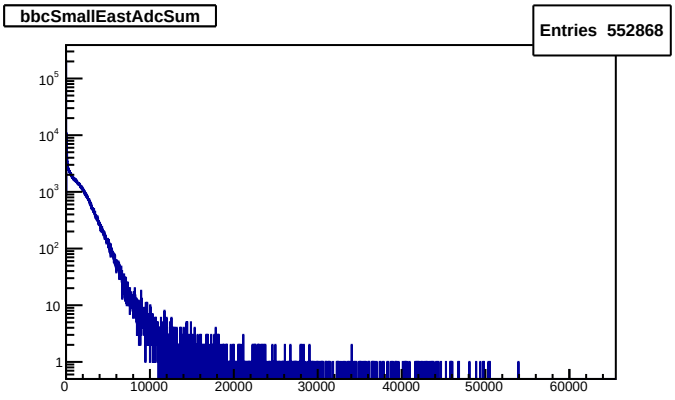

EQ2 QTC
Entries 5.307533e+07
TADC
QT Input Channel

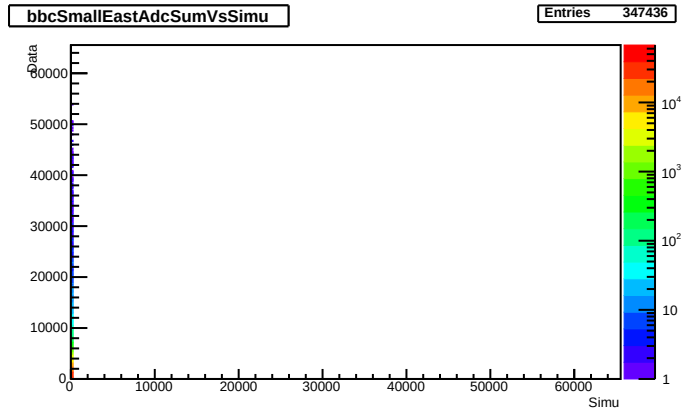

EQ3 QTB
Entries 1.415342e+08
ADC
QT Input Channel

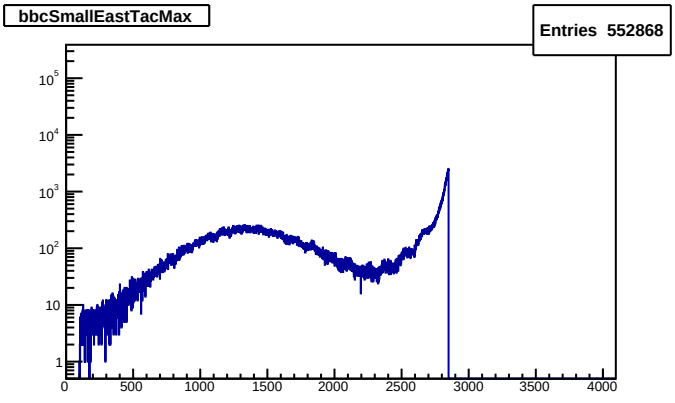

EQ3 QTB
Entries 4.146746e+07
TDC
QT Input Channel

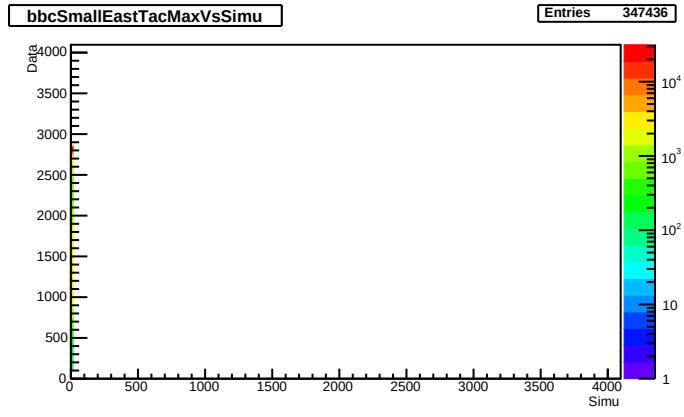

EQ3 QTC
Entries 5.307533e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.307533e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 552868


bbcSmallEastAdcSumVsSimu
Entries 347436
Data
Simu


bbcSmallEastTacMax
Entries 552868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Entries 347436
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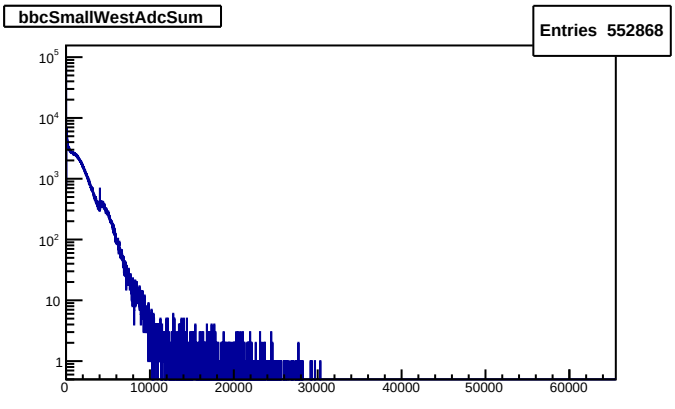
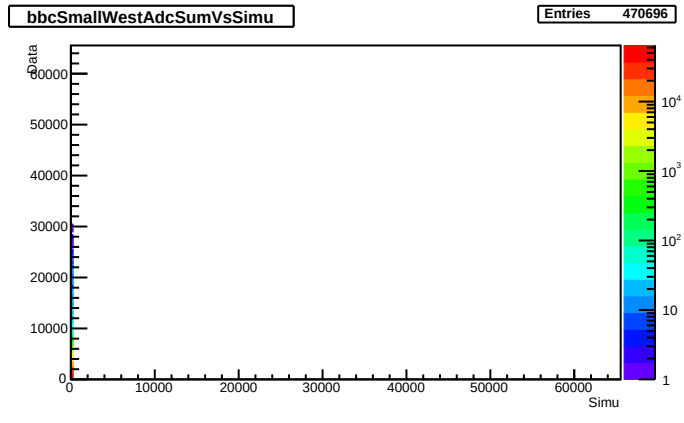

bbcSmallWestAdcSum
Entries 552868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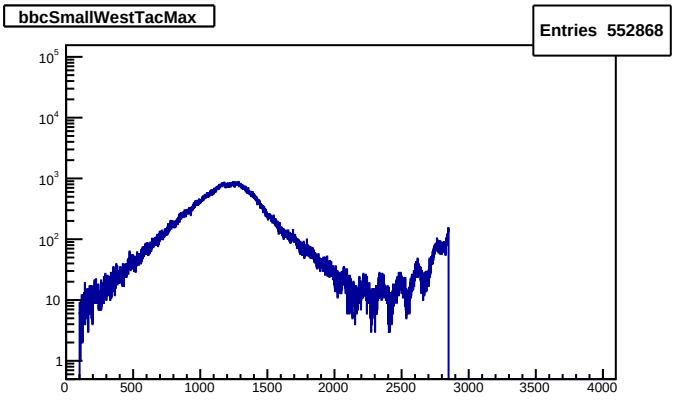
Entries 470696
Data
Simu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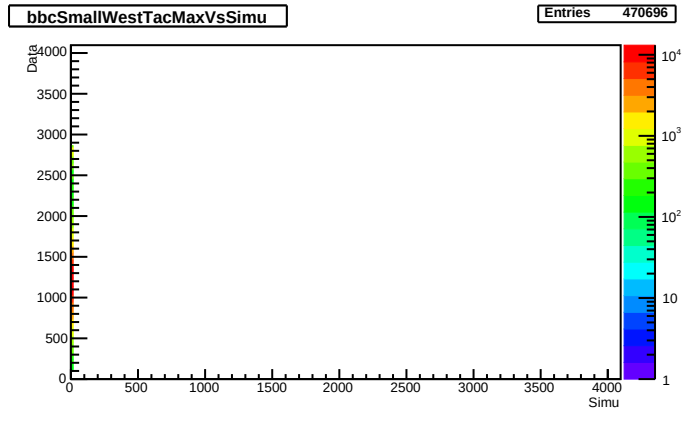
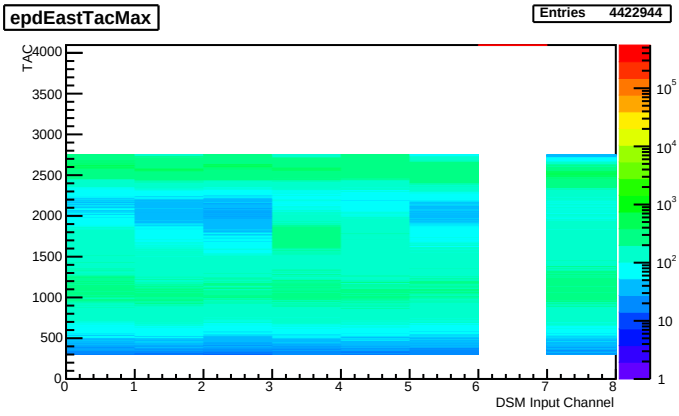
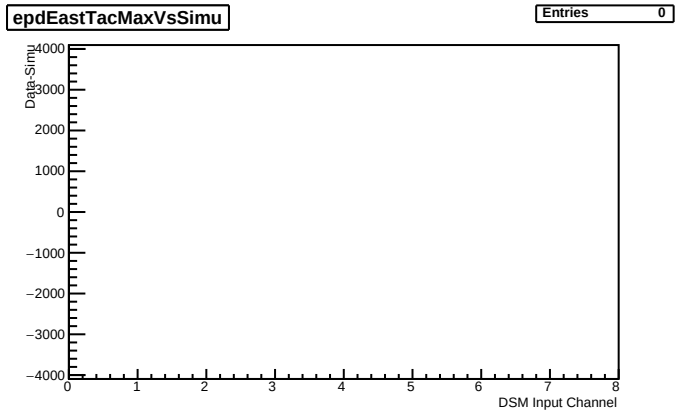
Entries 552868


bbcSmallWestTacMaxVsSimu
Entries 470696
Data
Simu


epdEastTacMax
Entries 4422944
TAC
DSM Input Channel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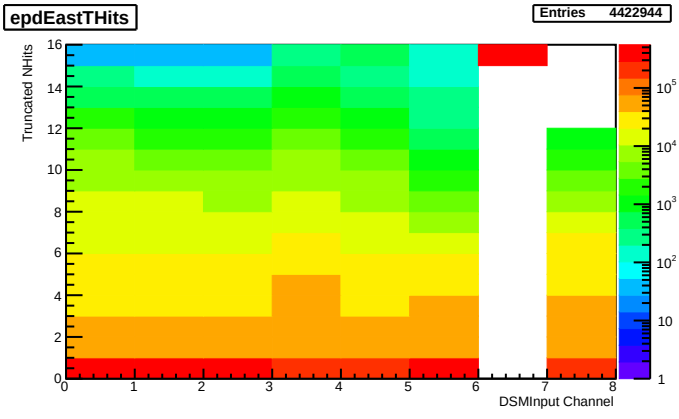
Entries 0
Data-Simu
DSM Input Channel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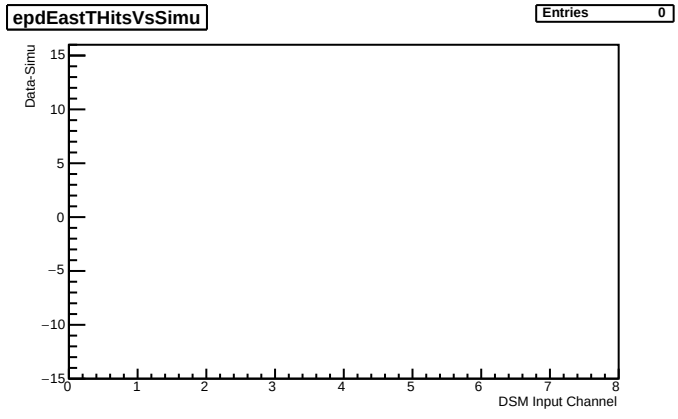
Entries 4422944
Truncated NHits
DSMInput Channel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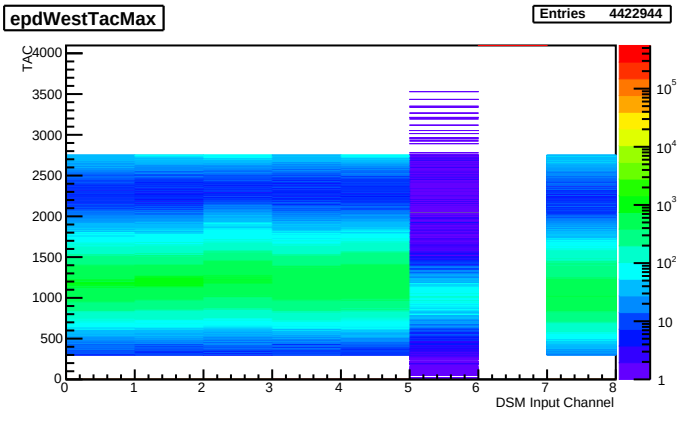
Data-Simu
DSM Input Channel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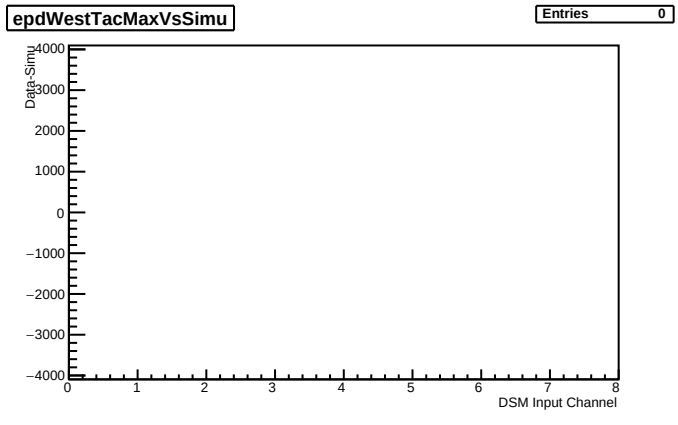
Entries 4422944
TAC
DSM Input Channel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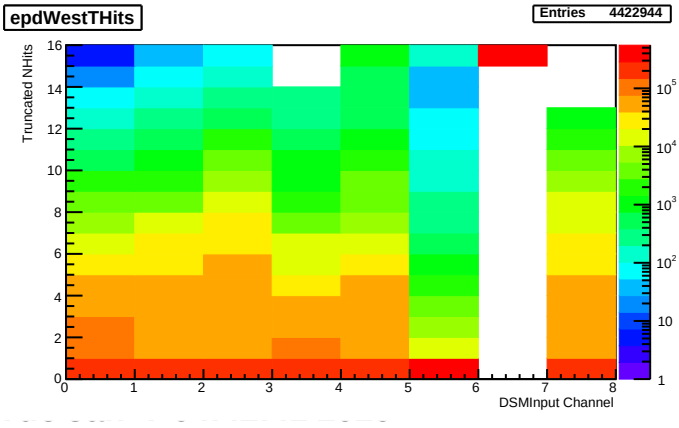
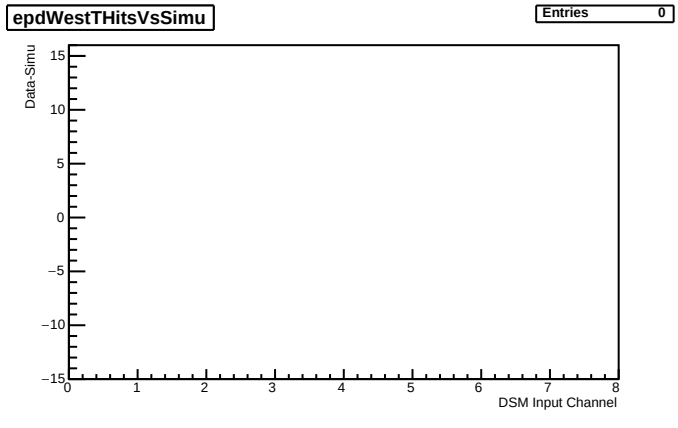
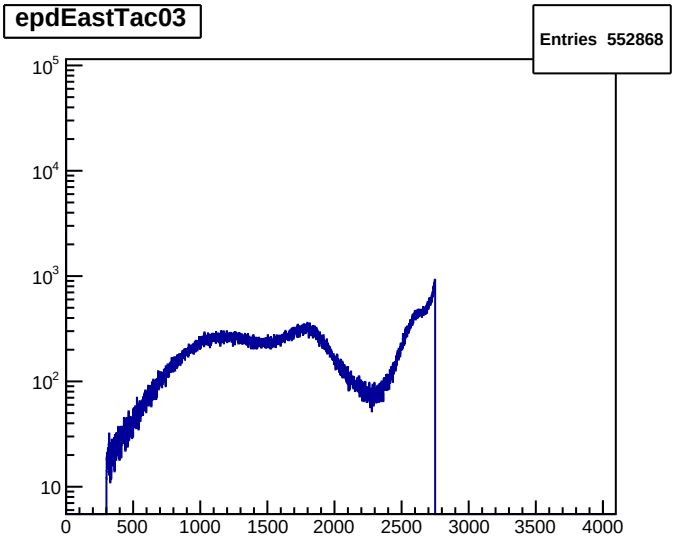
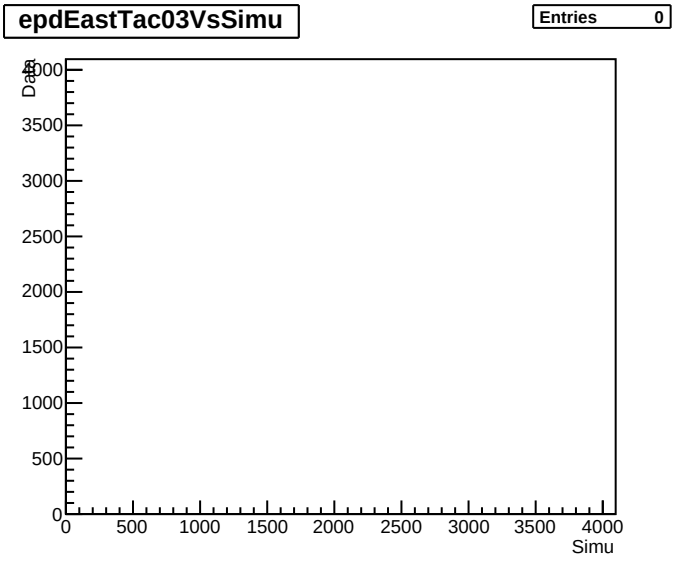
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4422944
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 552868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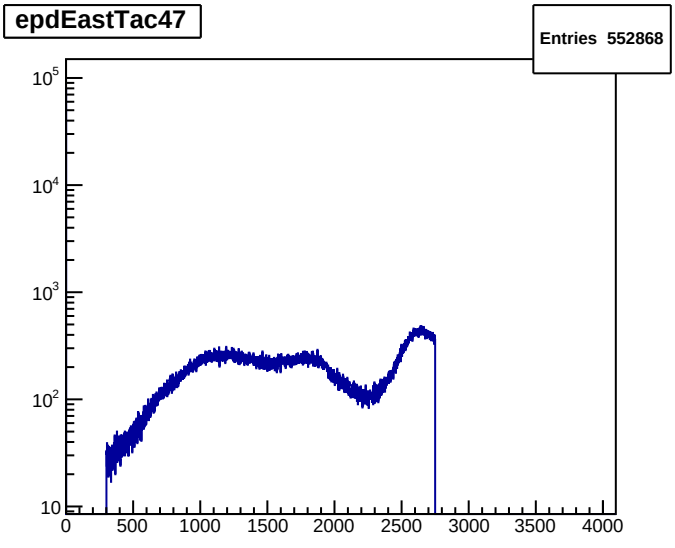
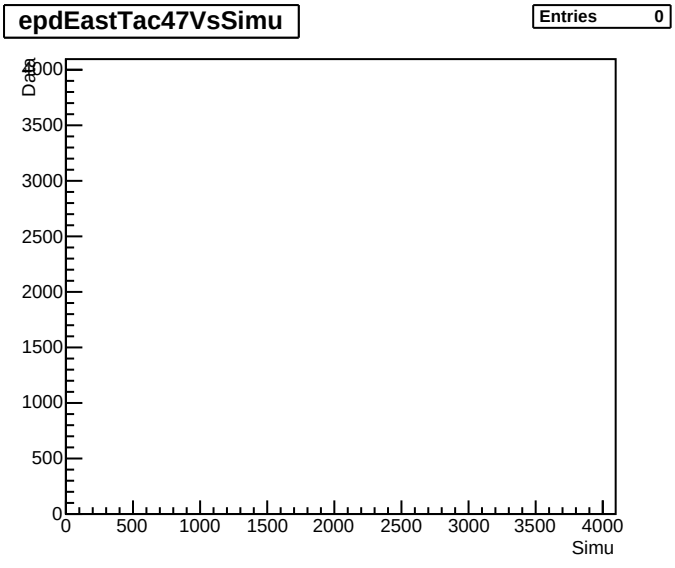
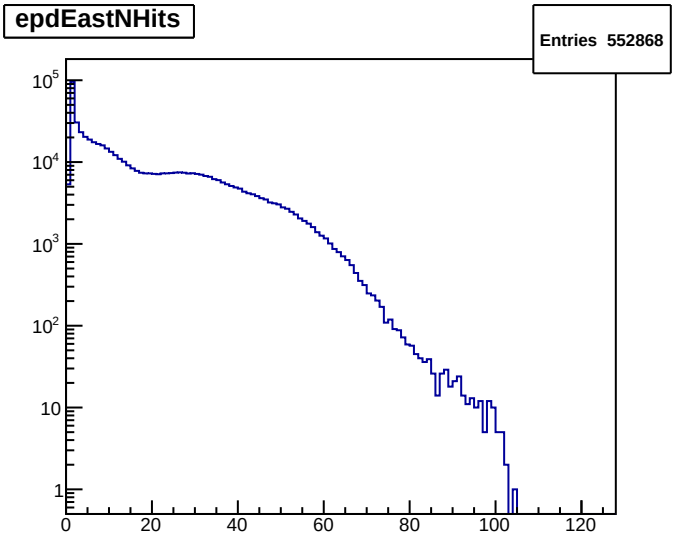
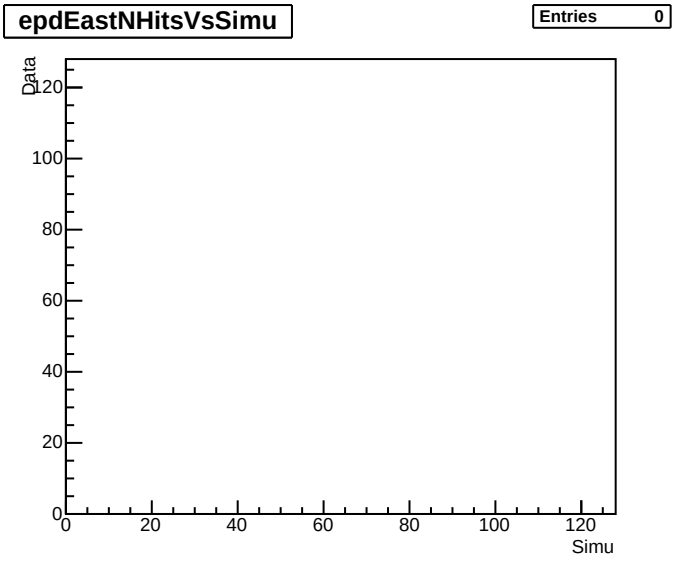
Entries 0
Data
Simu


epdEastTac47
Entries 552868


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 552868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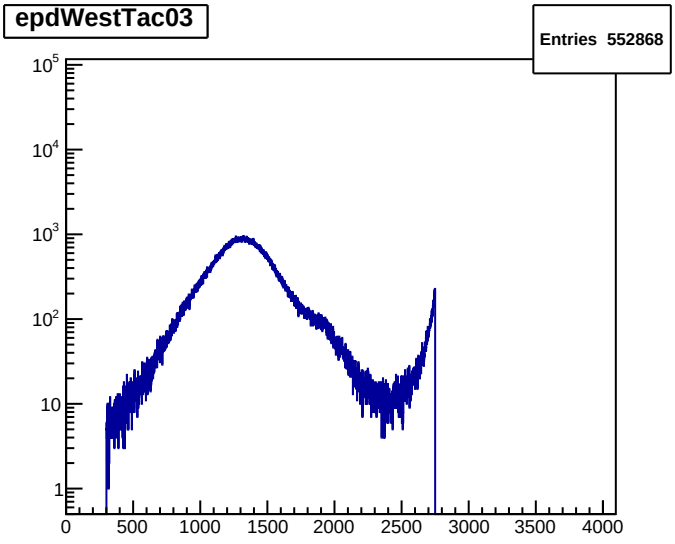
Entries 0
Data
Simu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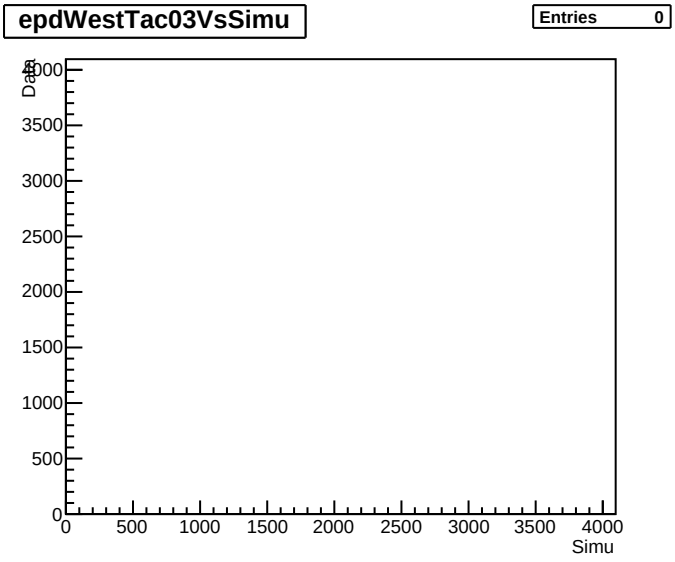
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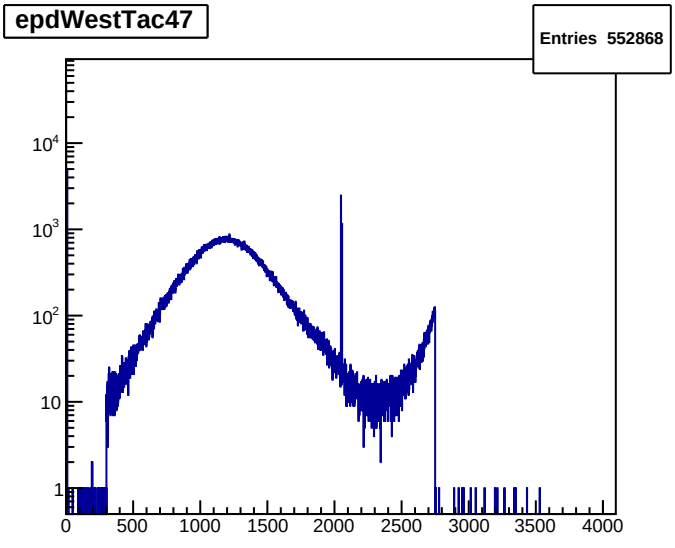
Entries 0
Data
Simu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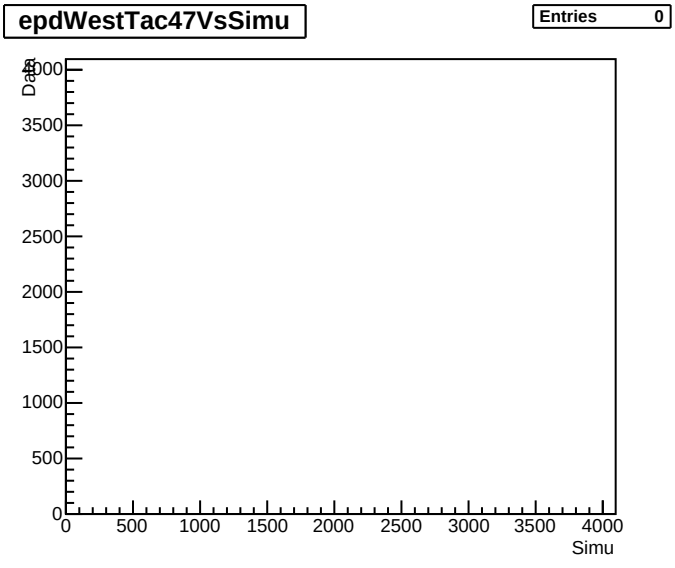
Entries 552868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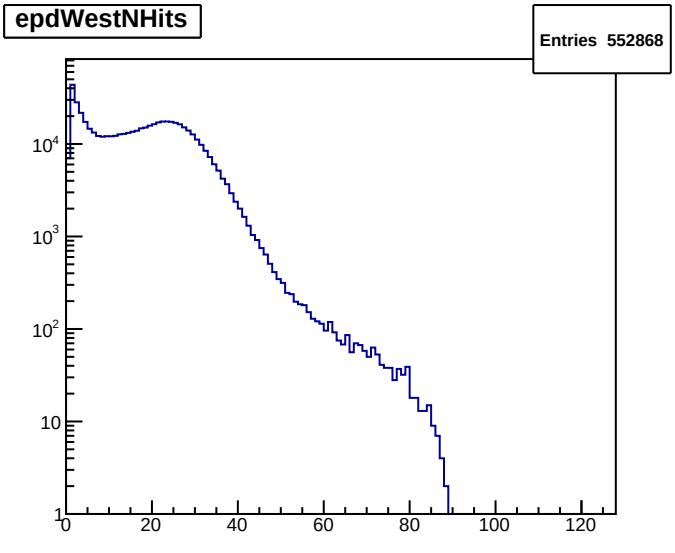
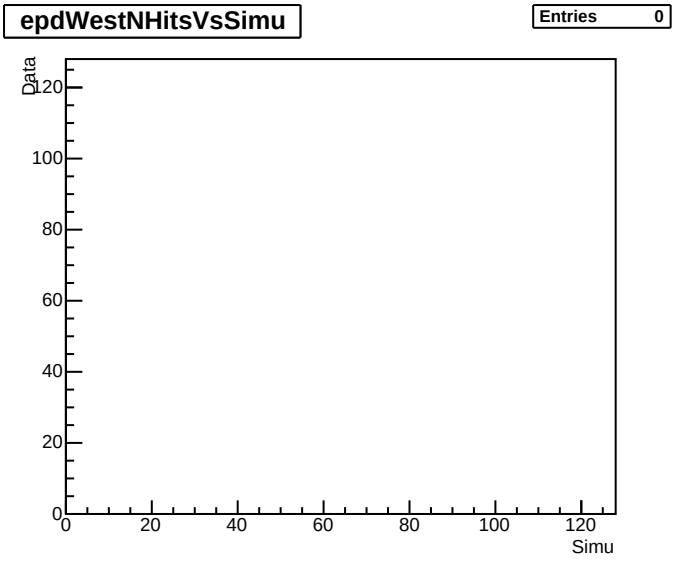
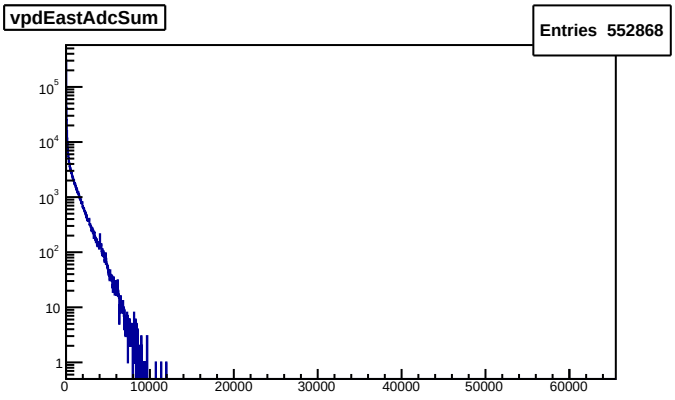
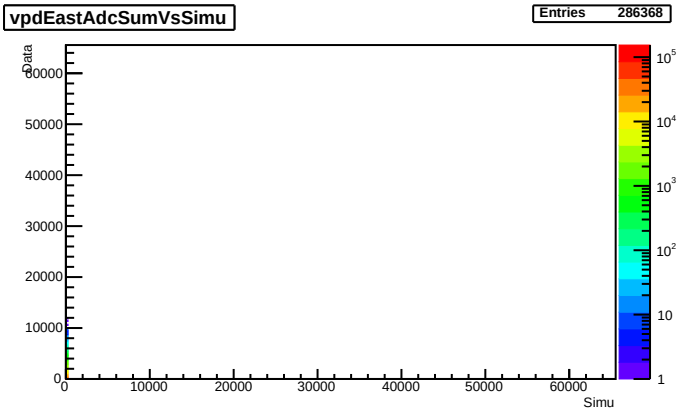
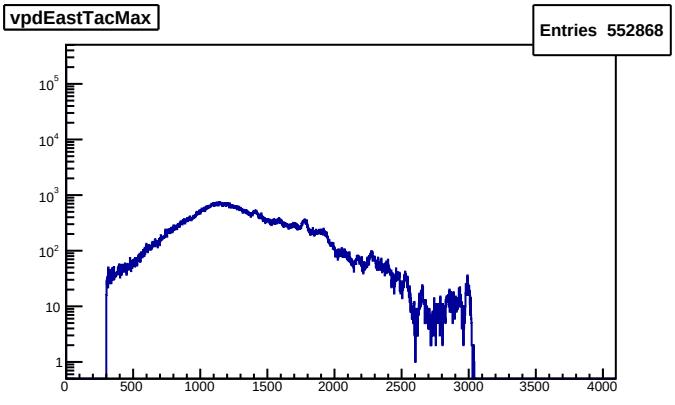
Entries 0
Data
Simu

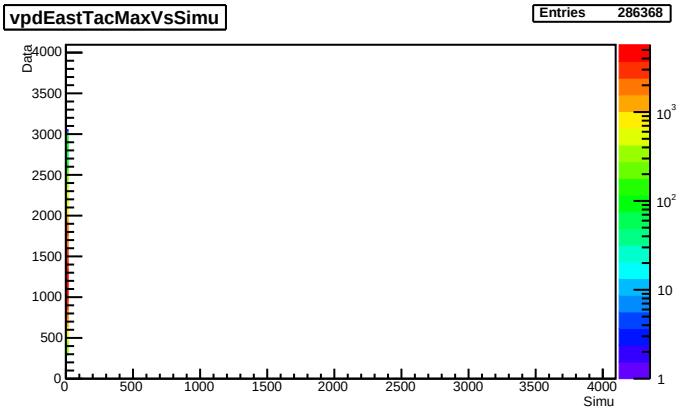

epdWestNHits
Entries 552868

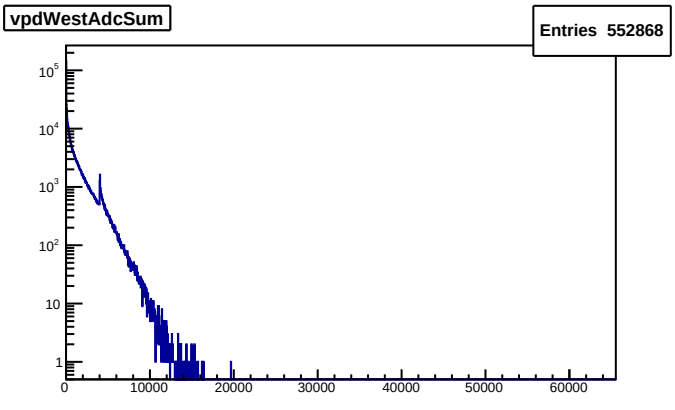

epdWestNHitsVsSimu
Entries 0
Data
Simu

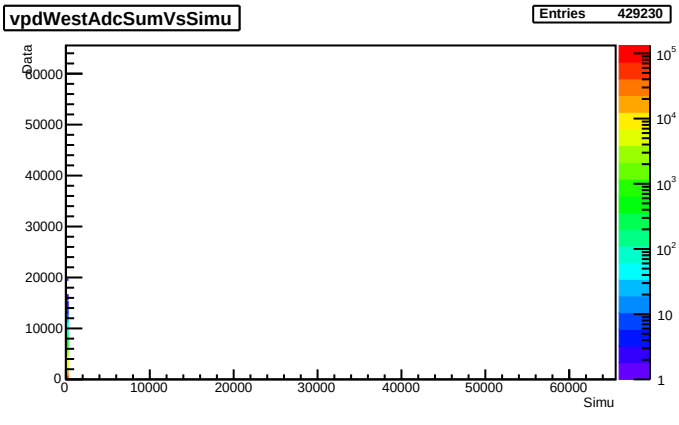

vpdEastAdcSum
Entries 552868

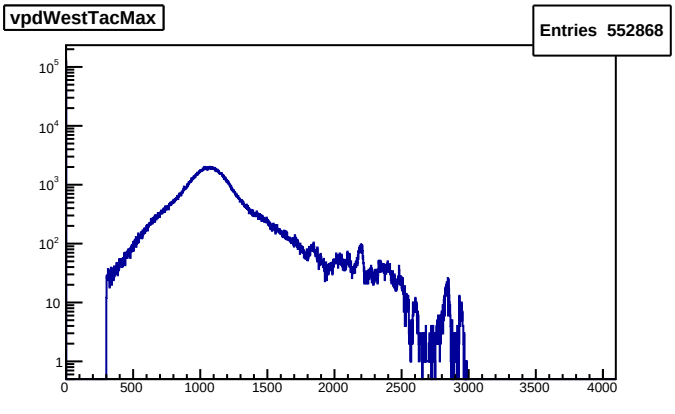

vpdEastAdcSumVsSimu
Entries 286368
Data
Simu

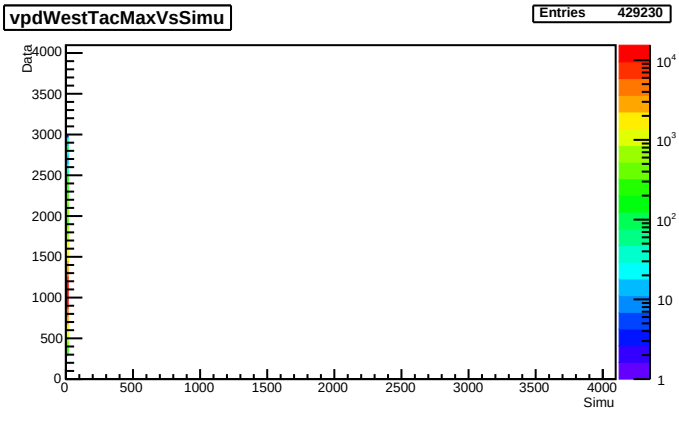

vpdEastTacMax
Entries 552868

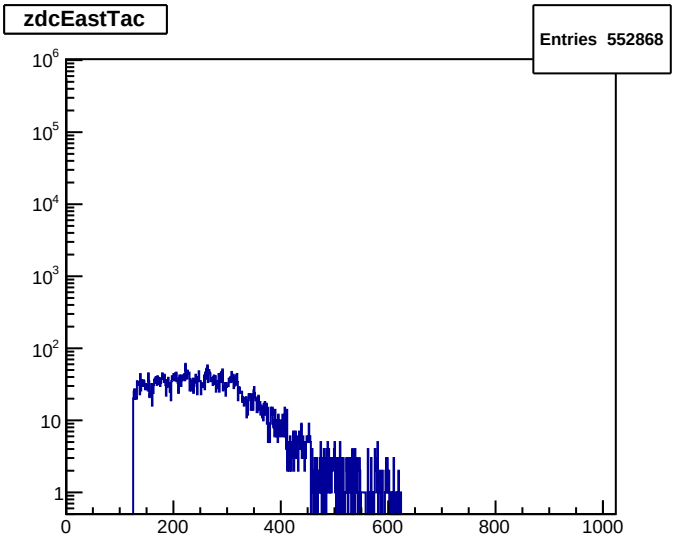

vpdEastTacMaxVsSimu
Entries 286368
Data
Simu

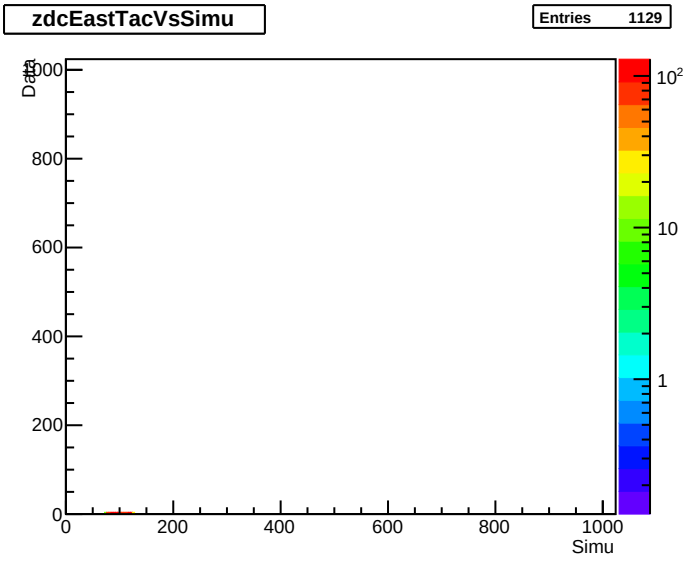

vpdWestAdcSum
Entries 552868

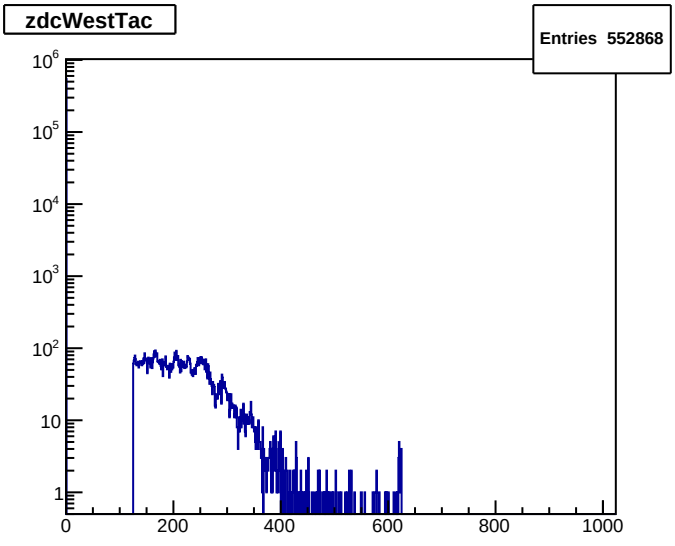

vpdWestAdcSumVsSimu
Entries 429230
Data
Simu

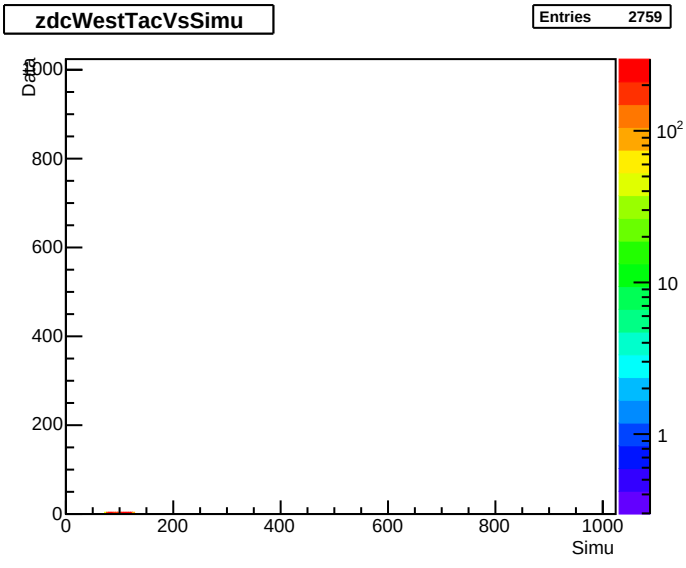

vpdWestTacMax
Entries 552868

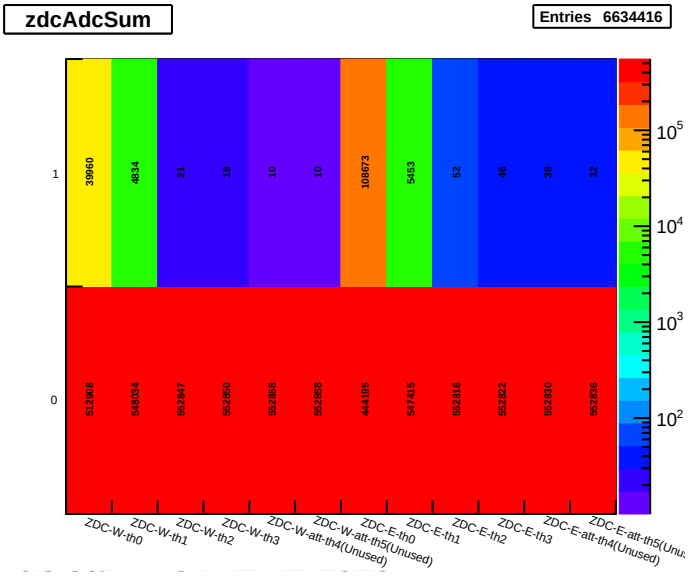

vpdWestTacMaxVsSimu
Entries 429230
Data
Simu

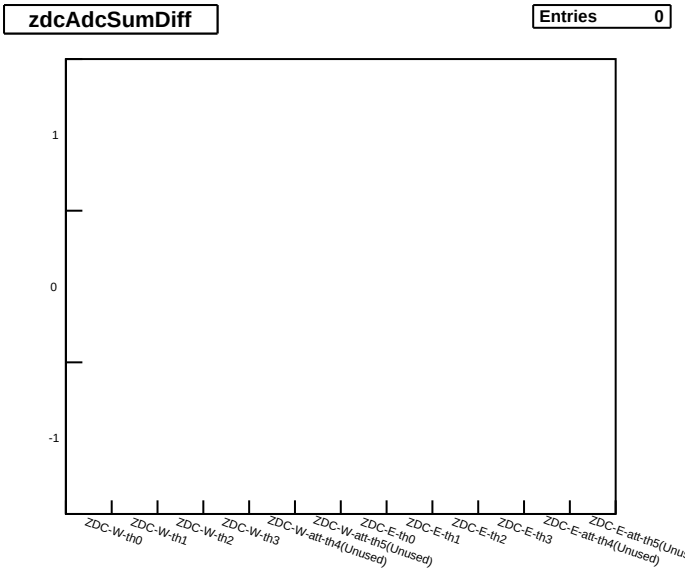

zdcEastTac
Entries 552868

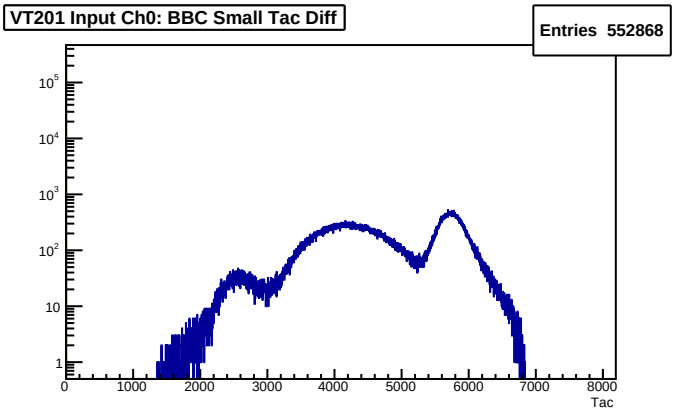

zdcEastTacVsSimu
Entries 1129
Data
Simu

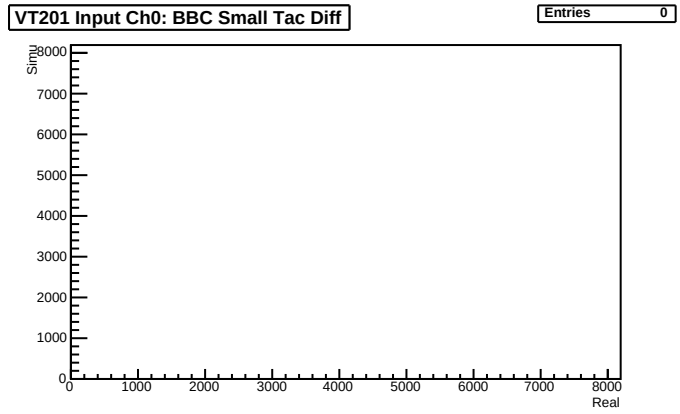

zdcWestTac
Entries 552868

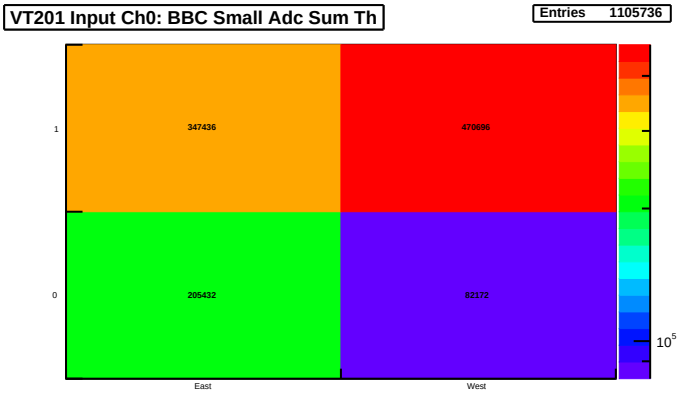

zdcWestTacVsSimu
Entries 2759
Data
Simu

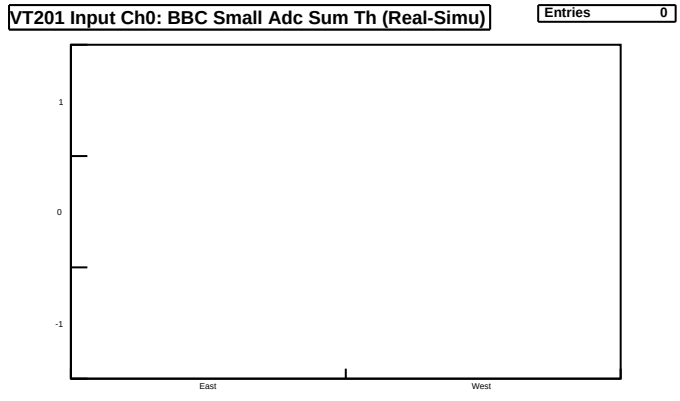

zdcAdcSum
Entries 6634416
39960
4834
21
18
10
10
108673
5453
52
46
38
32
512908
549034
552847
552850
552858
552858
444195
547415
552816
552822
552830
552836
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

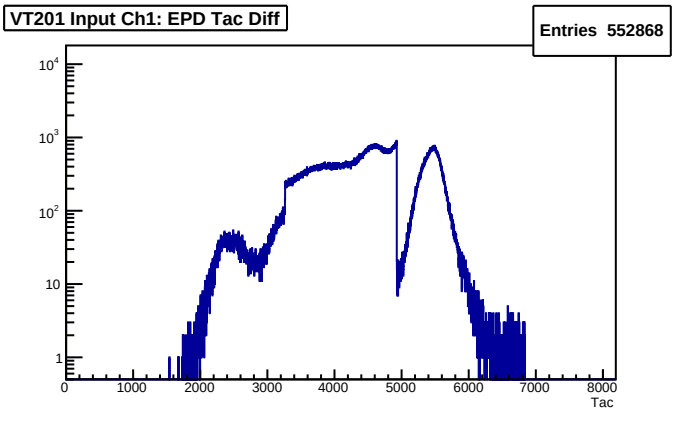

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

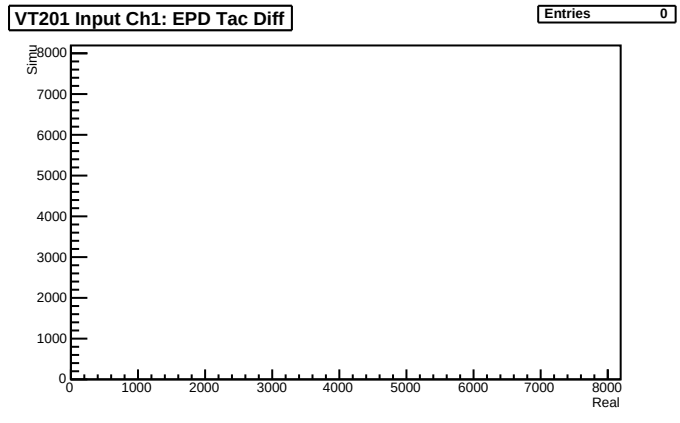

VT201 Input Ch0: BBC Small Tac Diff
Entries 552868
Tac

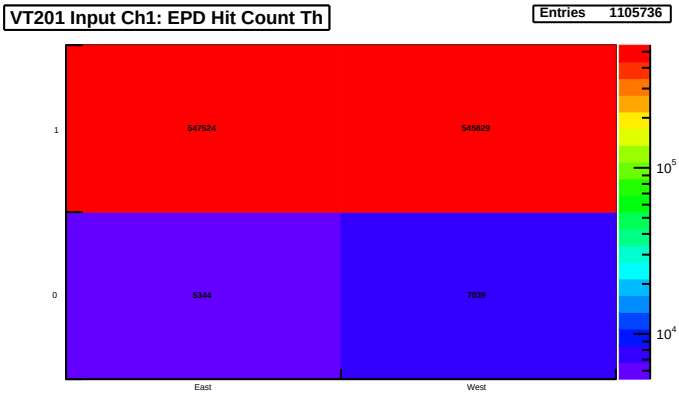

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

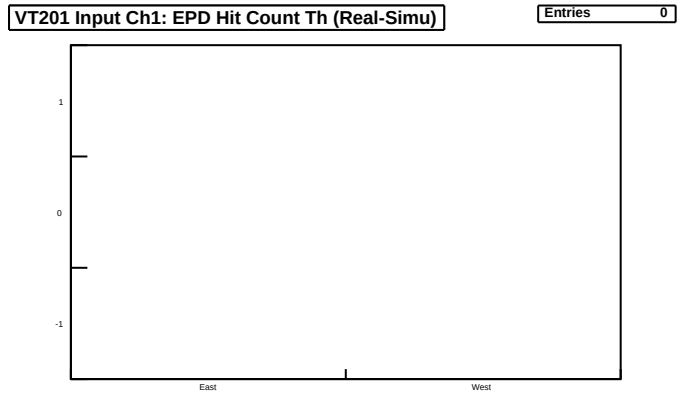

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1105736
347436
470696
205432
82172
East
West

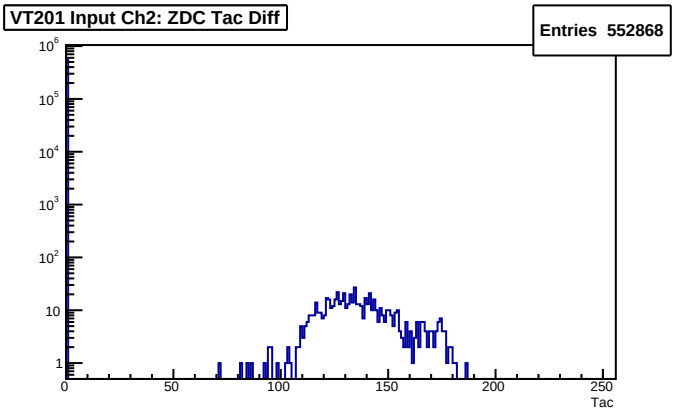

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

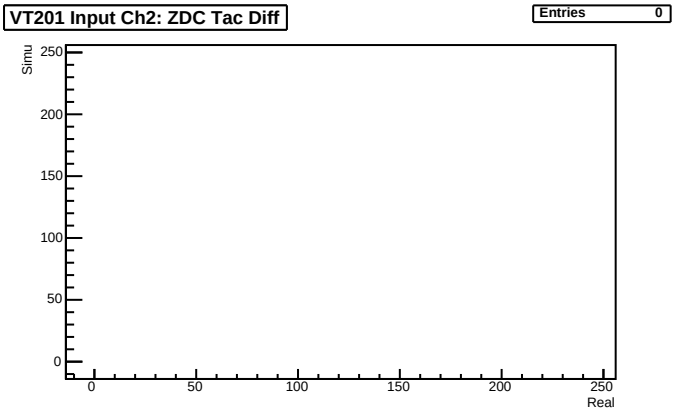

VT201 Input Ch1: EPD Tac Diff
Entries 552868
Tac

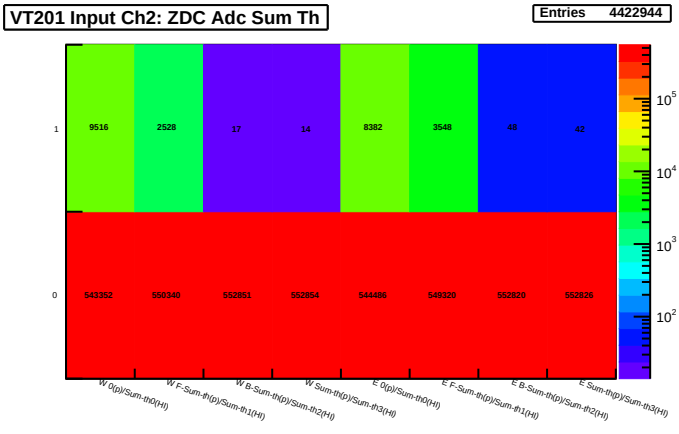

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

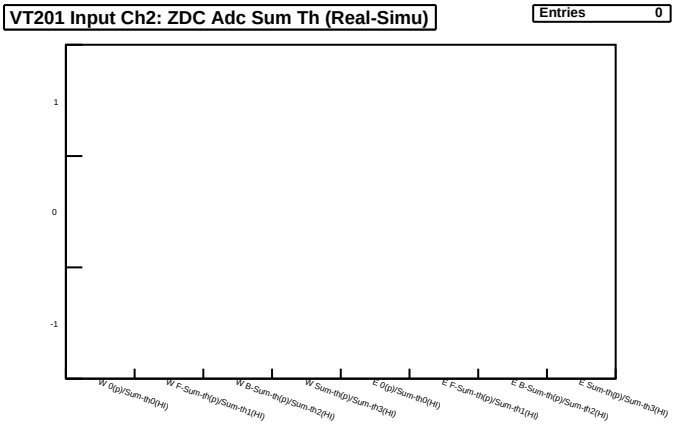

VT201 Input Ch1: EPD Hit Count Th
Entries 1105736
547524
545829
5344
7039
East
West

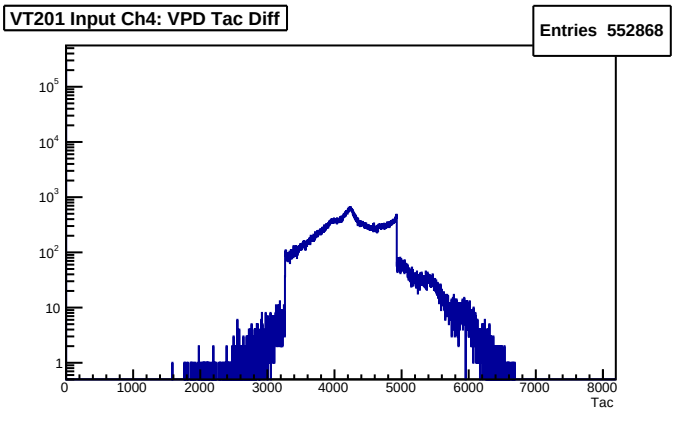

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

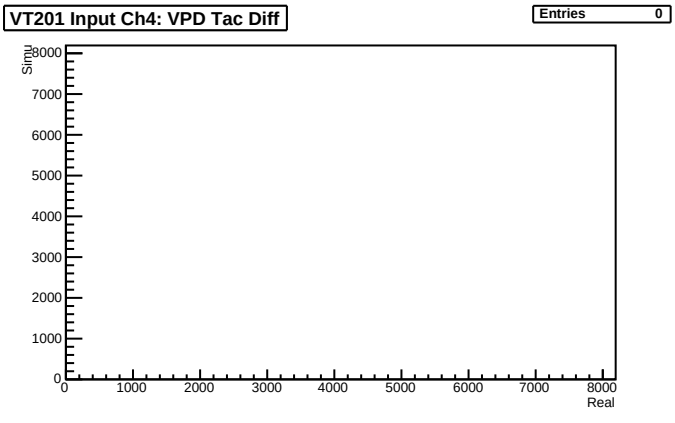

VT201 Input Ch2: ZDC Tac Diff
Entries 552868
Tac

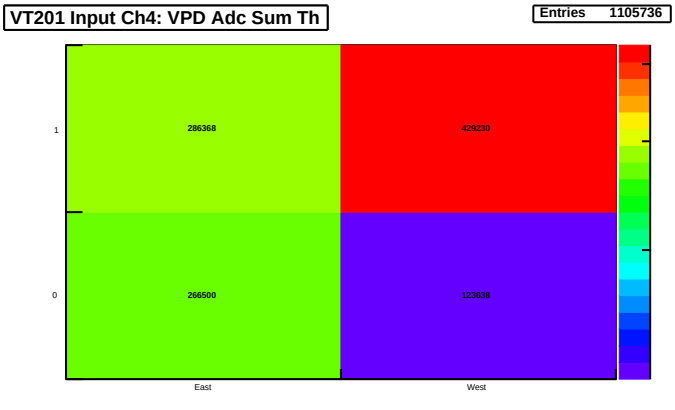

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

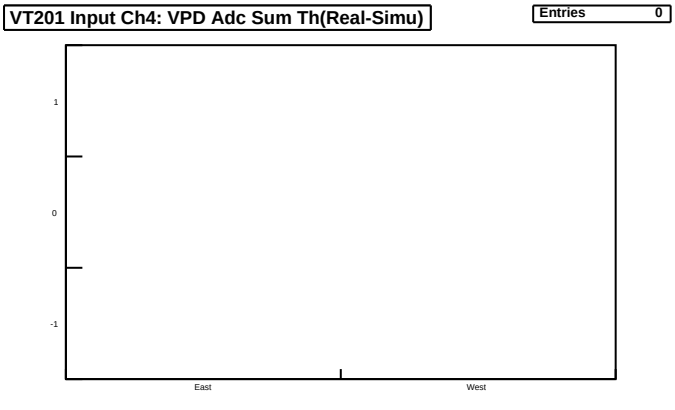

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4422944
9516
2528
17
14
8382
3548
48
42
543352
550340
552851
552854
544486
549320
552820
552826
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

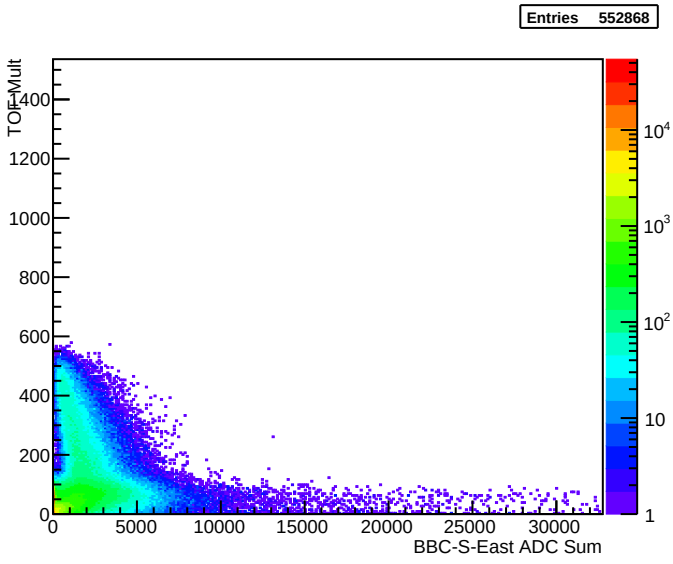

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

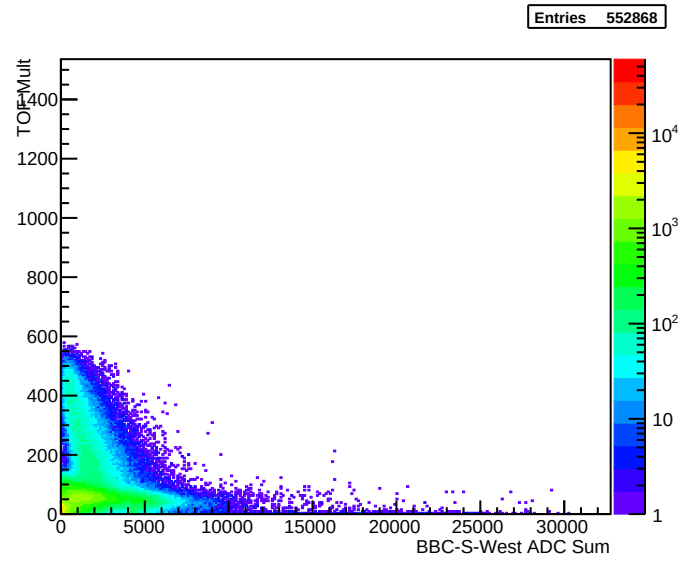

VT201 Input Ch4: VPD Tac Diff
Entries 552868
Tac

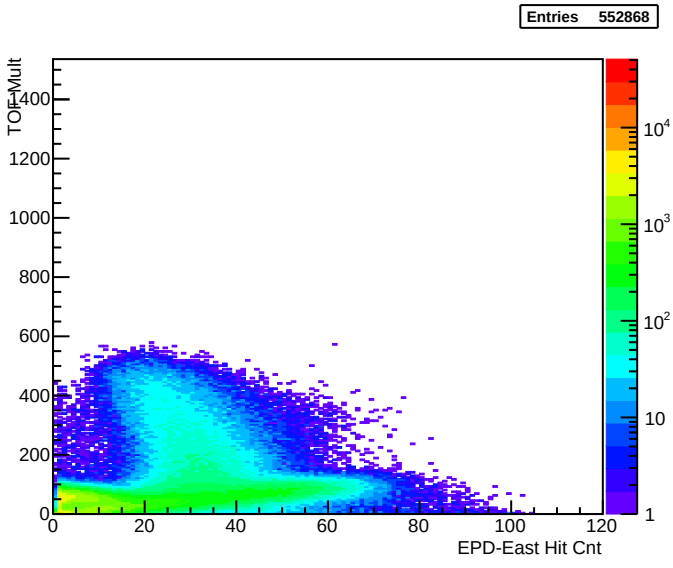

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

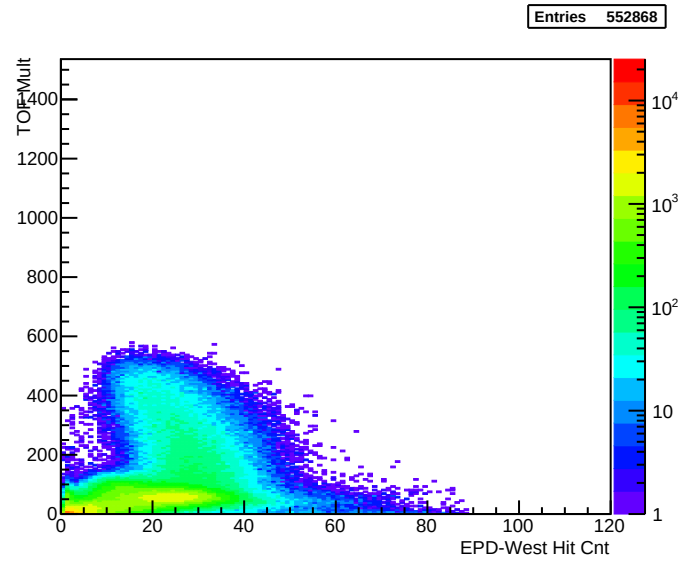

VT201 Input Ch4: VPD Adc Sum Th
Entries 1105736
286368
429230
266500
123638
East
West

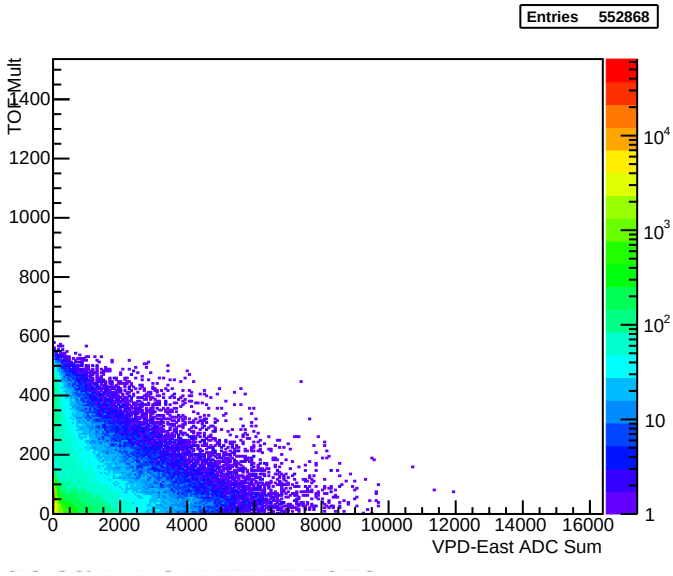

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

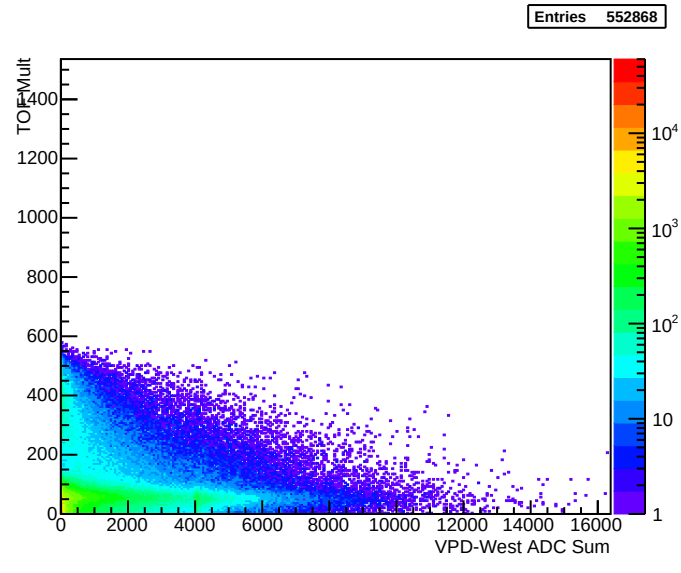

Entries 552868
TOF-Mult
BBC-S-East ADC Sum

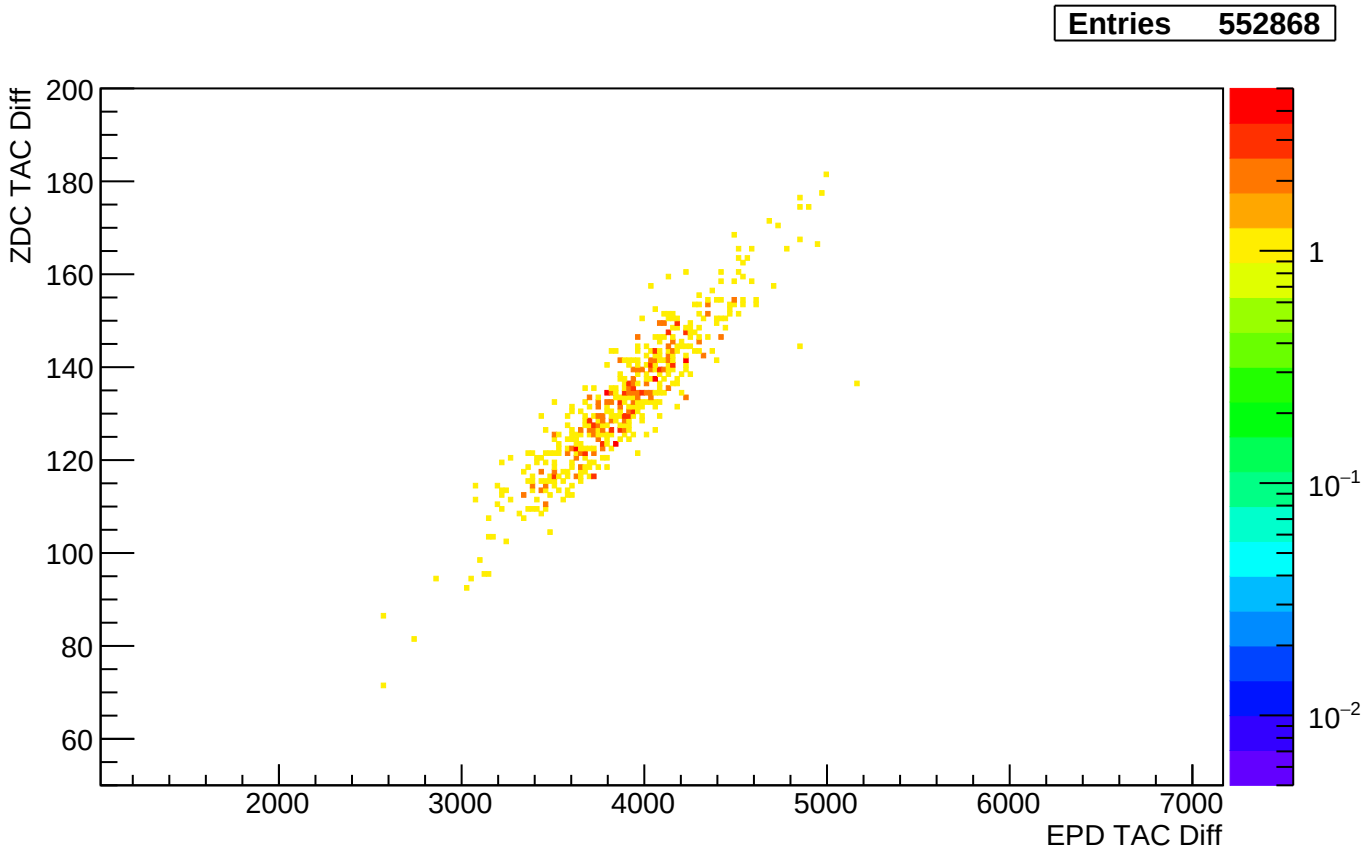

Entries 552868
TOF-Mult
BBC-S-West ADC Sum

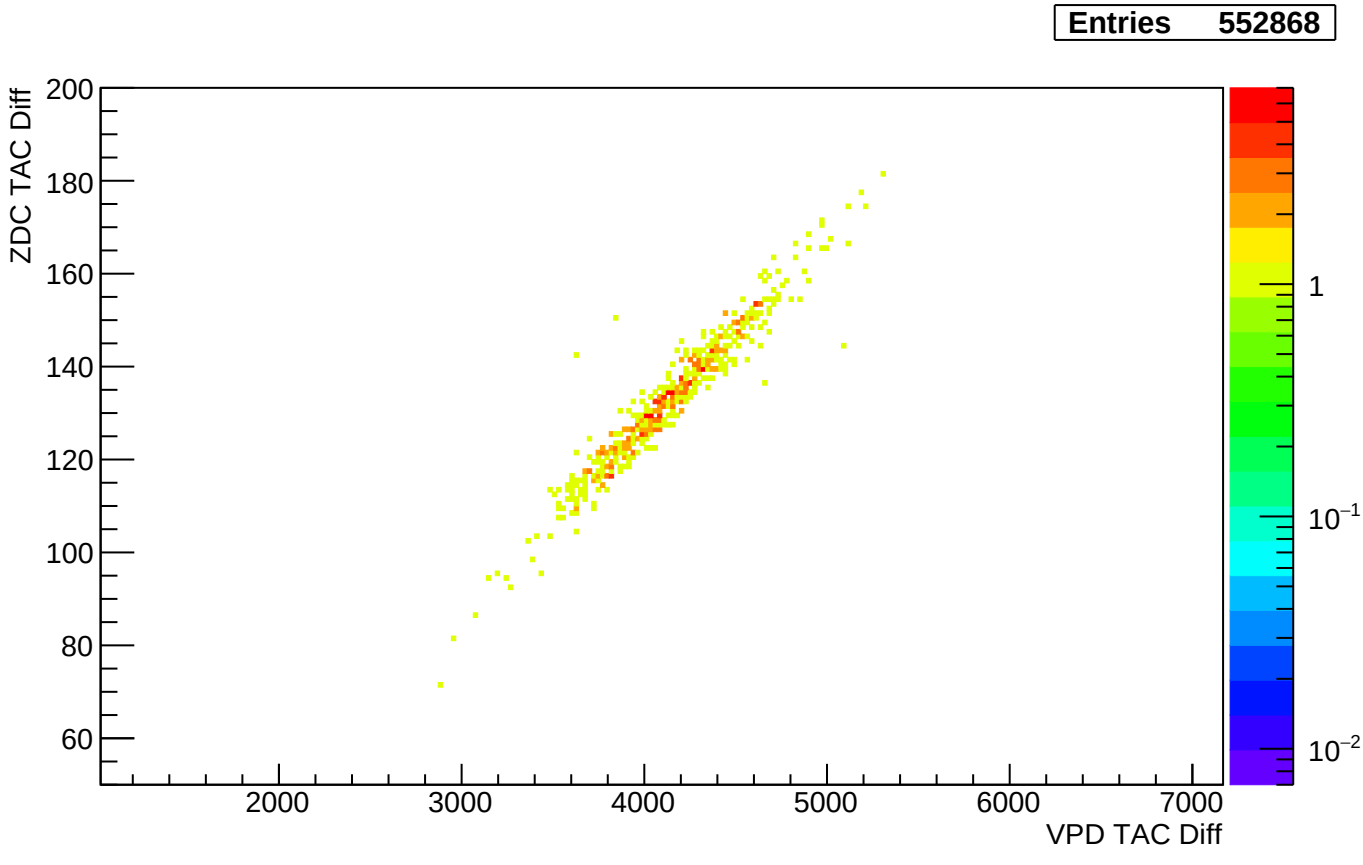

Entries 552868
TOF-Mult
EPD-East Hit Cnt

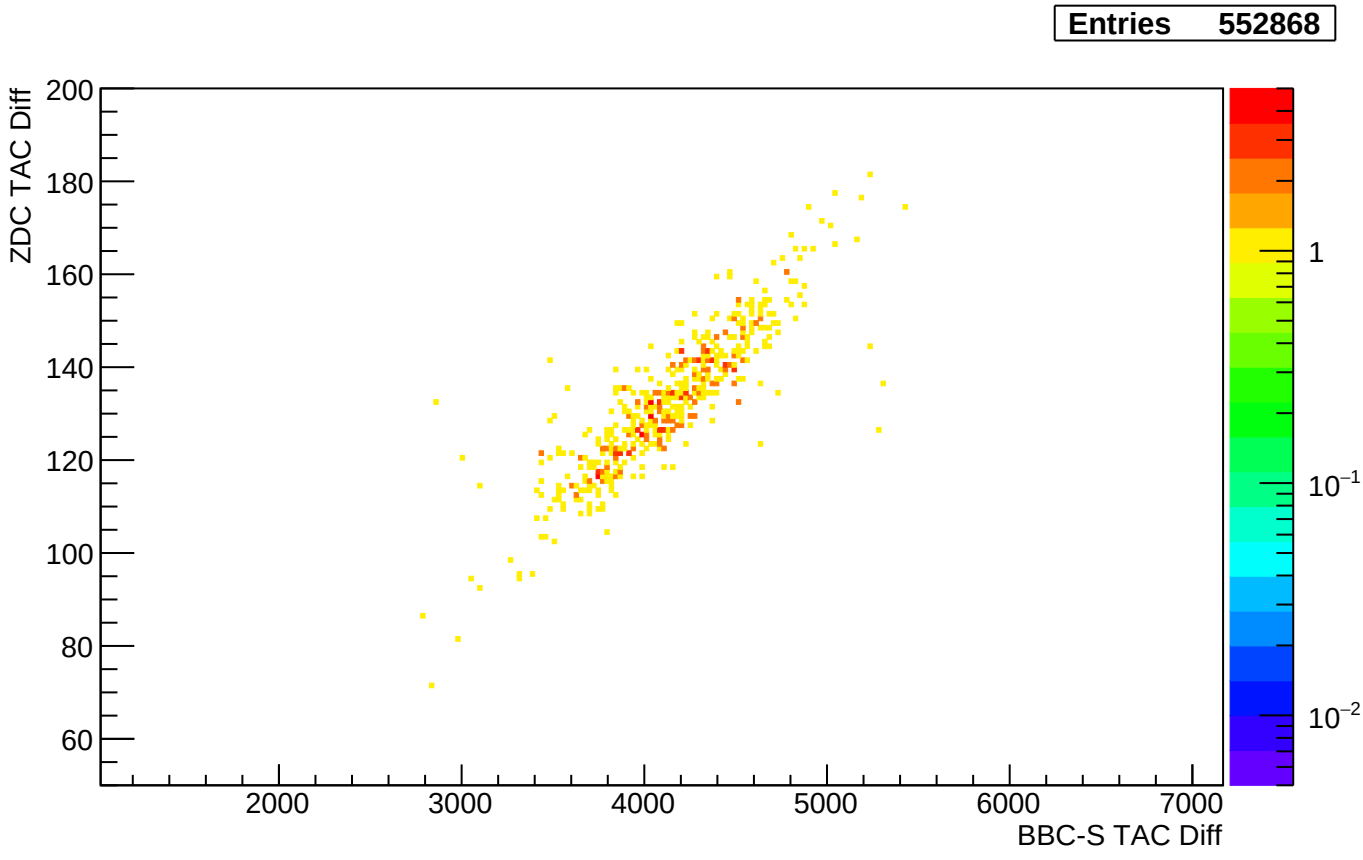

Entries 552868
TOF-Mult
EPD-West Hit Cnt

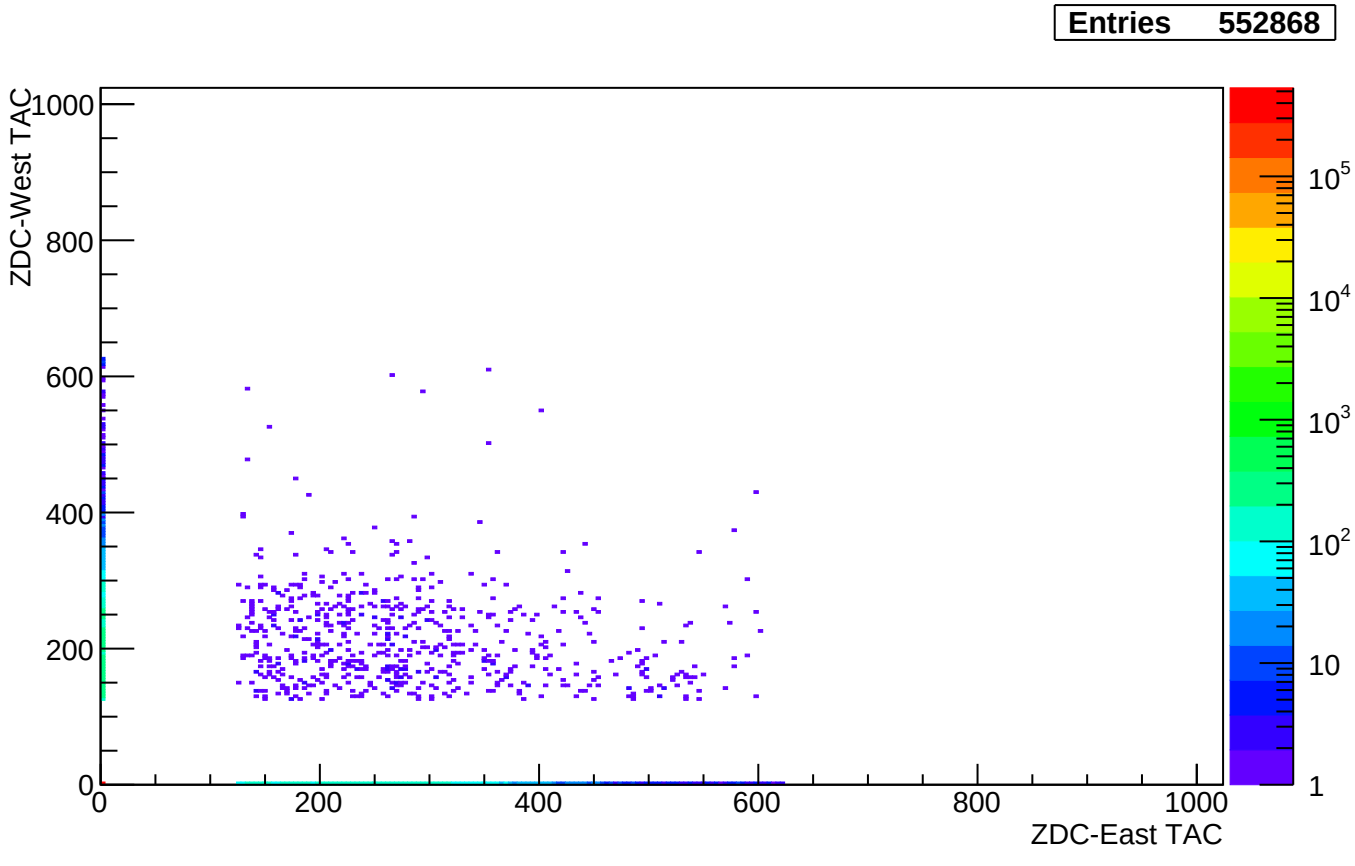

Entries 552868
TOF-Mult
VPD-East ADC Sum

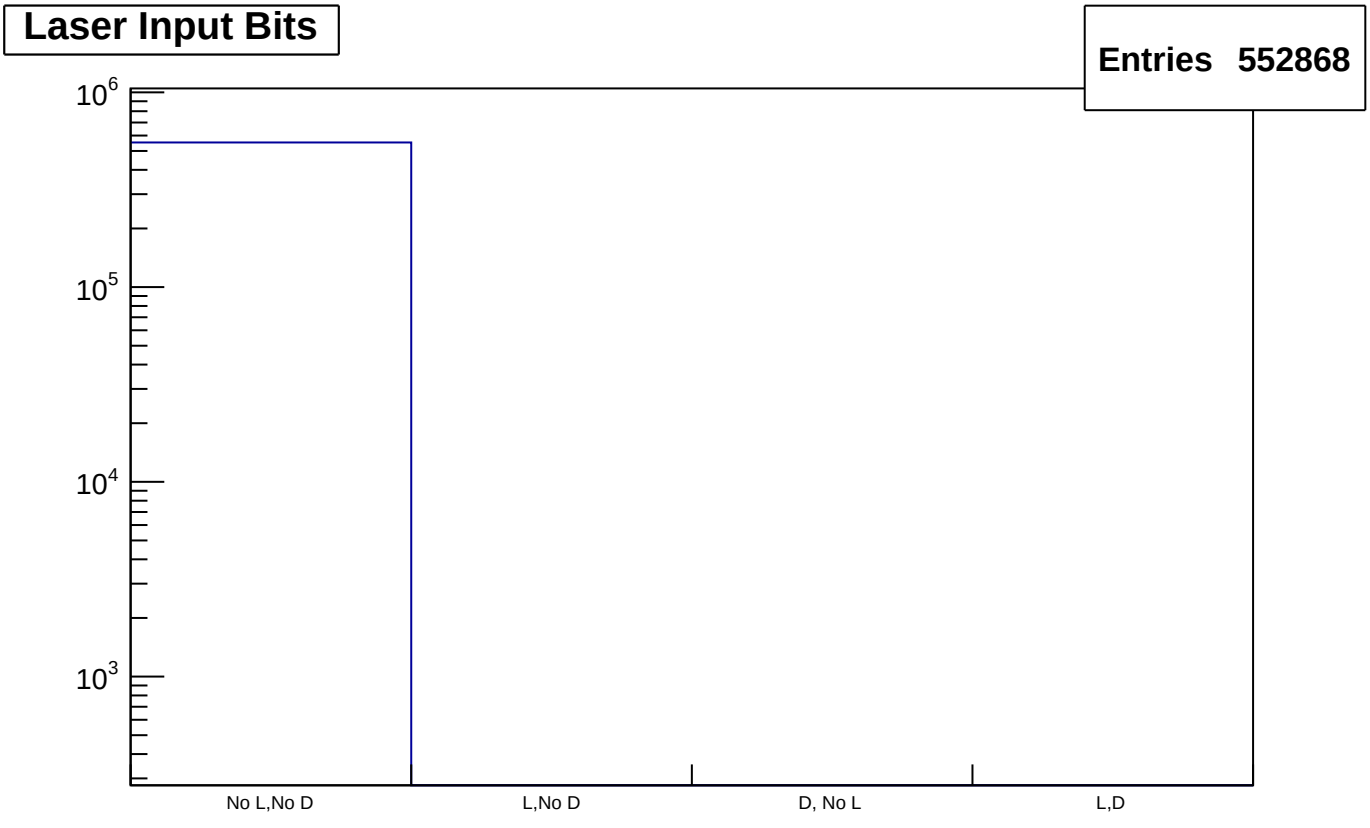

Entries 552868
TOF-Mult
VPD-West ADC Sum

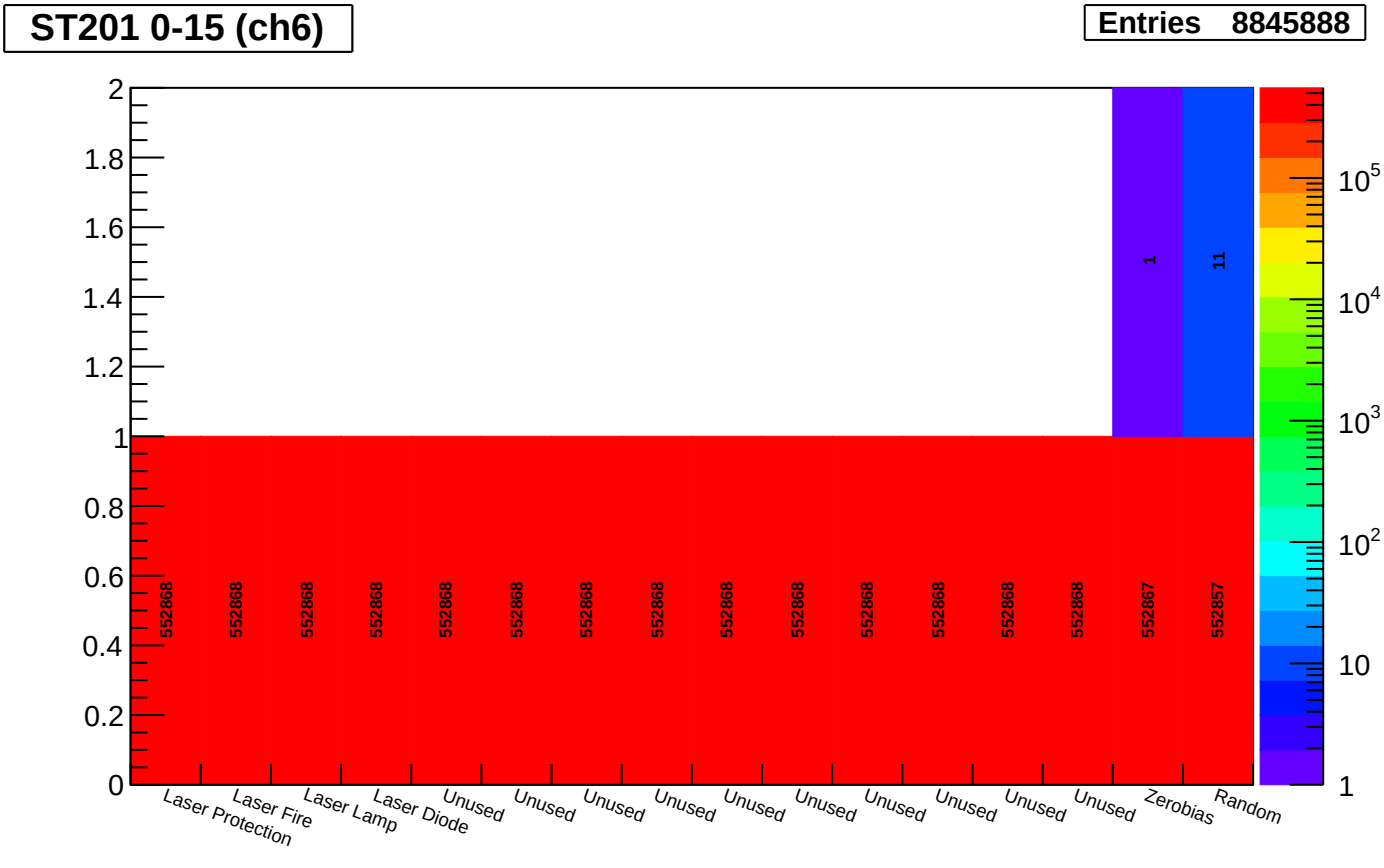

Entries 552868
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

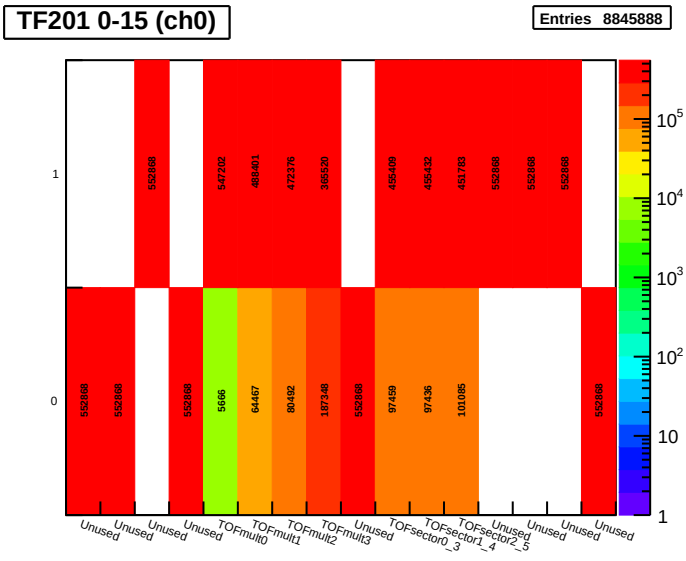

Entries 552868
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

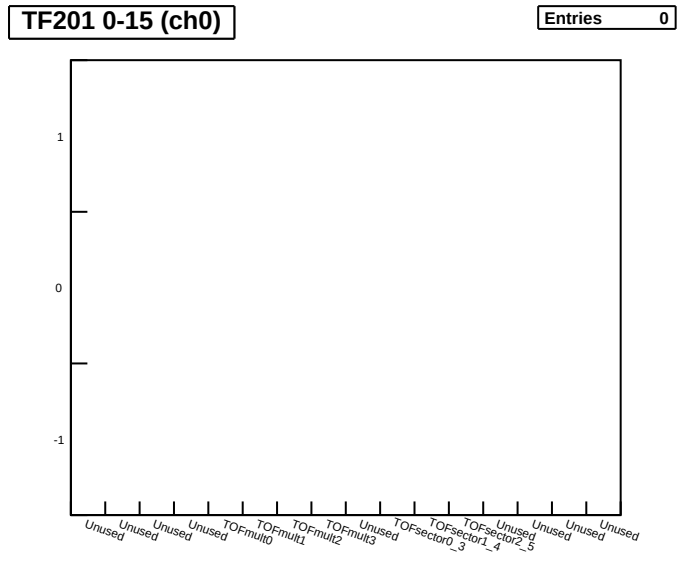

Entries 552868
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

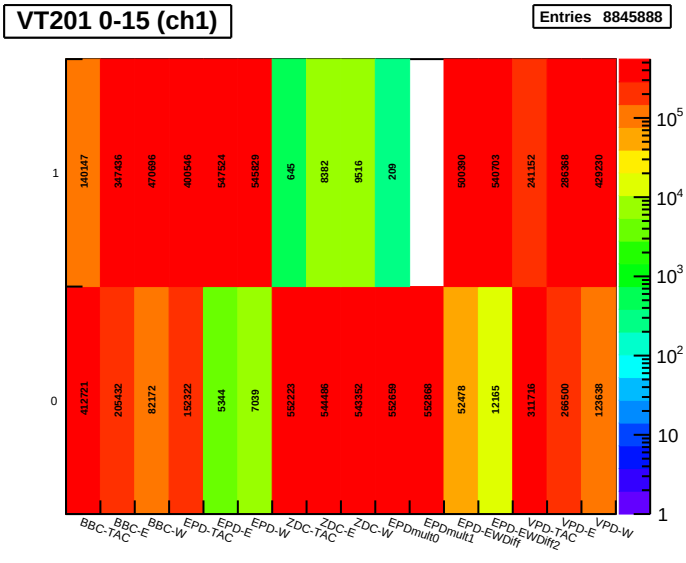

Entries 552868
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

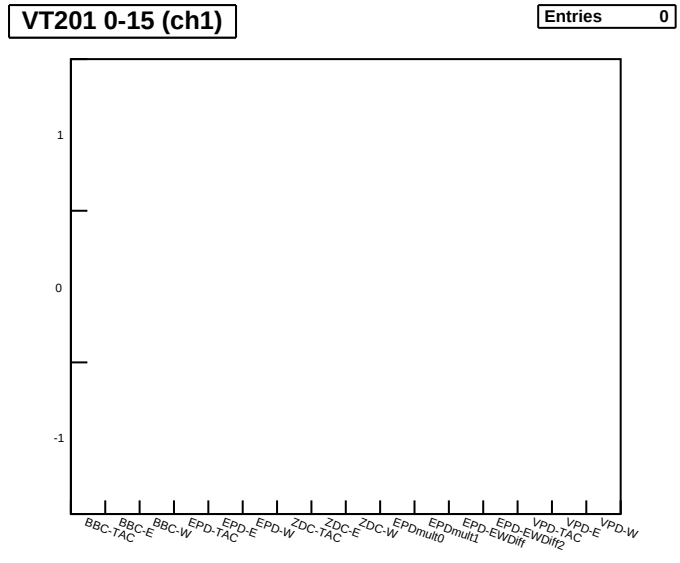

Laser Input Bits
Entries 552868
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

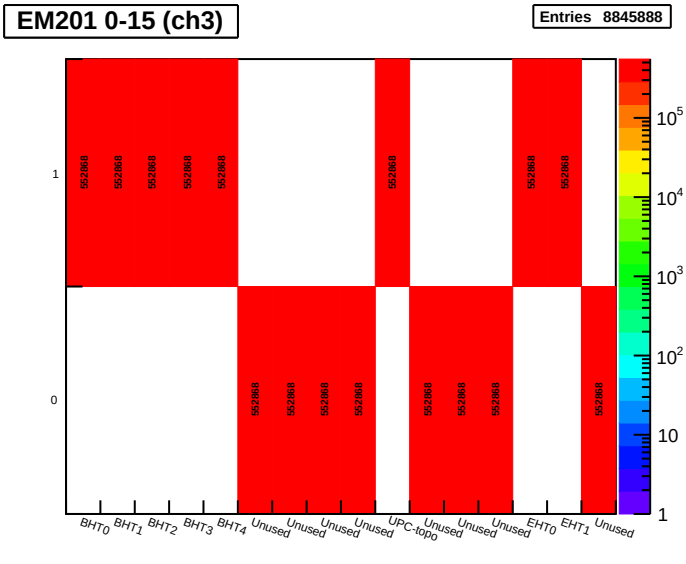

ST201 0-15 (ch6)
Entries 8845888
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
552868
552867
552857
1
11
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

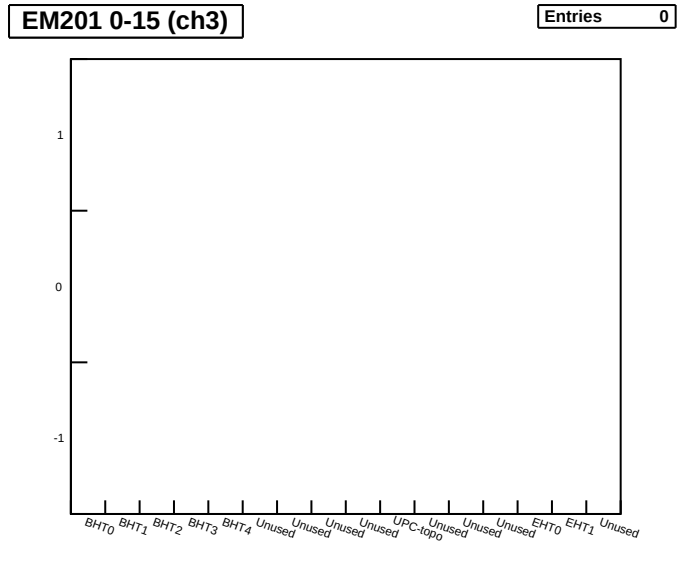

TF201 0-15 (ch0)
Entries 8845888
1
0
552868
547202
418401
472376
365520
455409
455432
451783
552868
552868
552868
552868
552868
552868
5666
64467
80492
187348
552868
97459
97436
101085
552868
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 8845888
1
0
140147
347436
470696
400546
547524
545829
645
8382
9516
209
500390
540703
241152
286368
429230
412721
205432
82172
152322
5344
7039
552223
544496
543352
552659
552868
52478
12165
311716
266500
123638
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 8845888
1
0
552868
552868
552868
552868
552868
552868
552868
552868
552868
552868
552868
552868
552868
552868
552868
552868
552868
552868
552868
552868
552868
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1