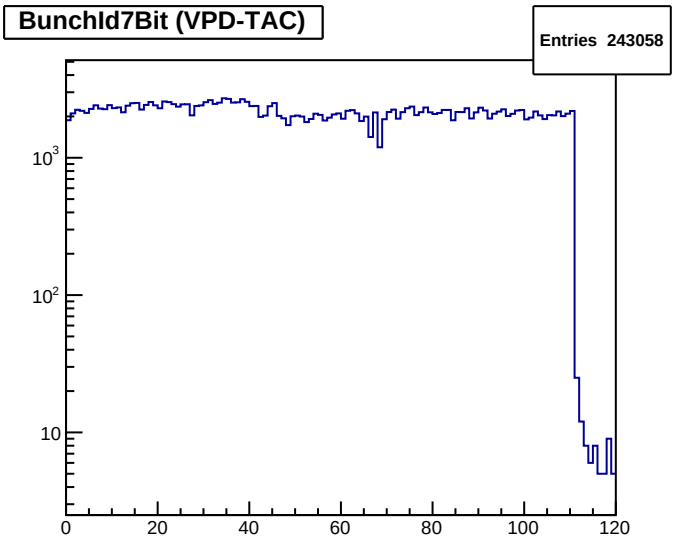
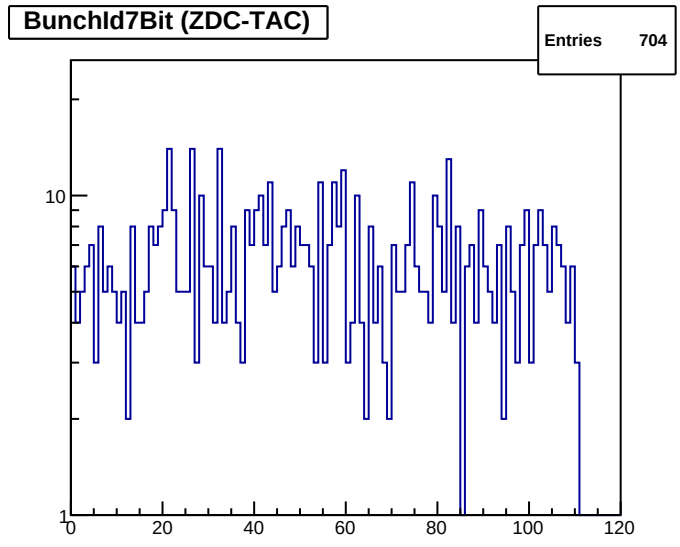
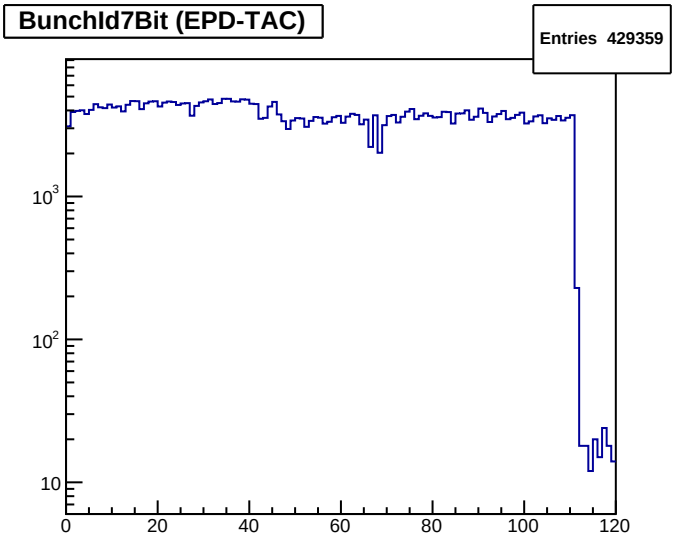
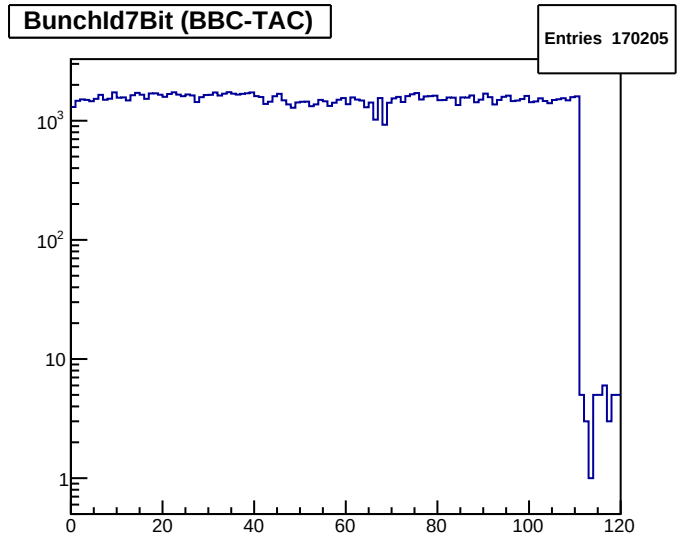
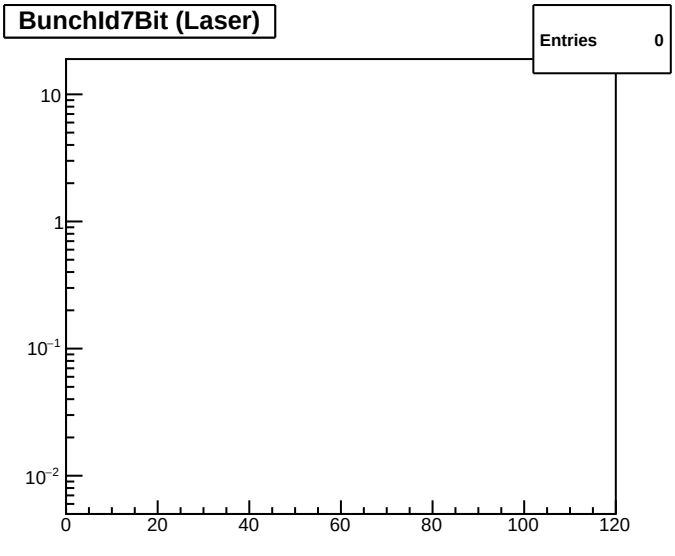
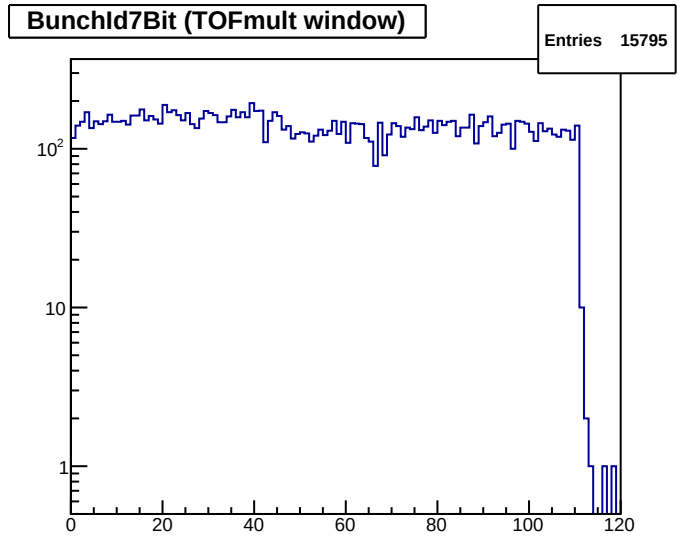

BunchId7Bit (VPD-TAC)
Entries 243058

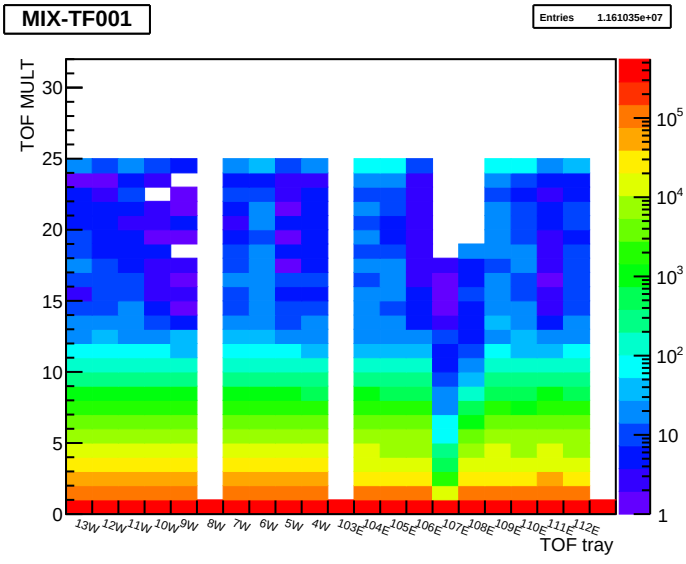

BunchId7Bit (ZDC-TAC)
Entries 704

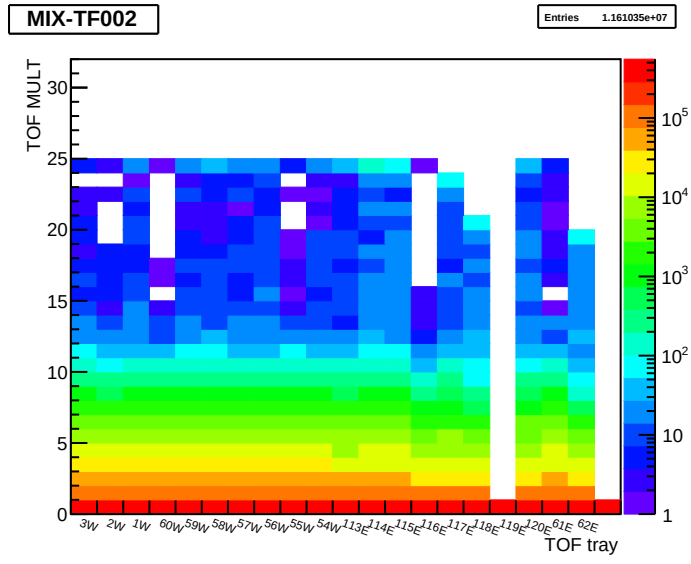

BunchId7Bit (EPD-TAC)
Entries 429359

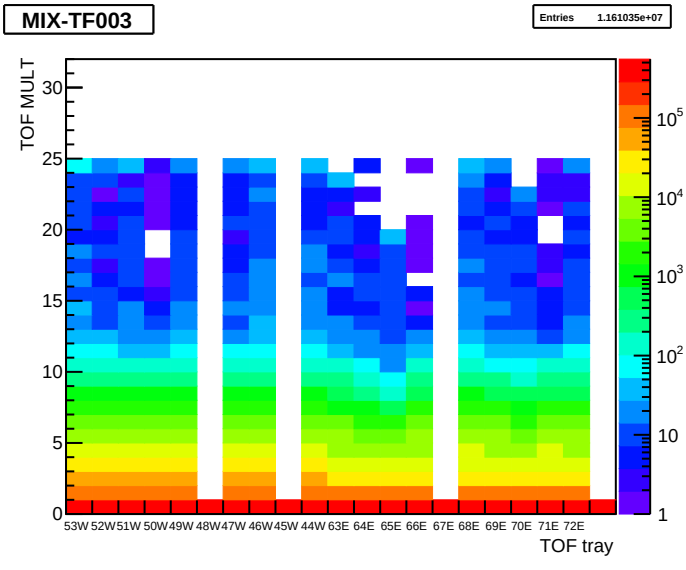

BunchId7Bit (BBC-TAC)
Entries 170205

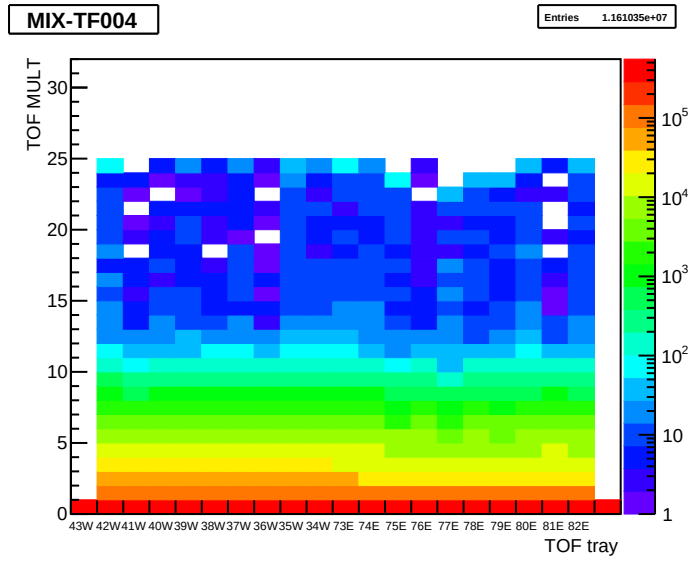

BunchId7Bit (Laser)
Entries 0

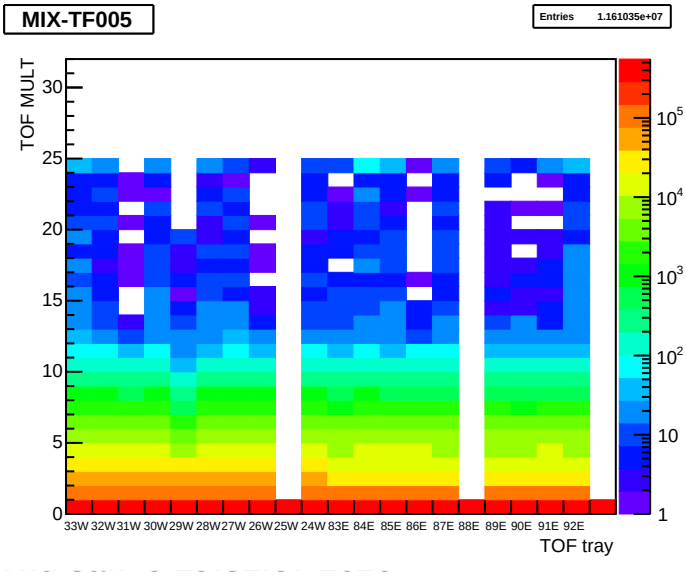

BunchId7Bit (TOFmult window)
Entries 15795

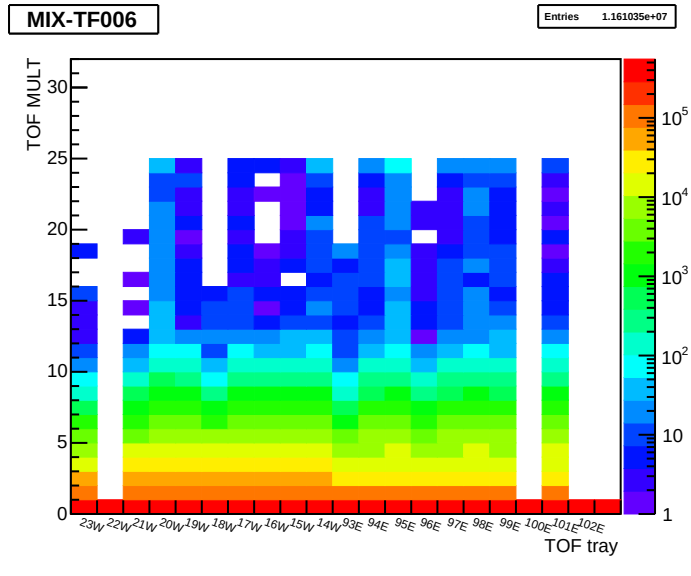

MIX-TF001
Entries 1.161035e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

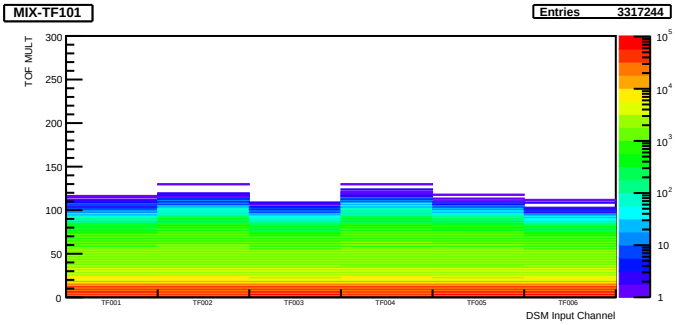

MIX-TF002
Entries 1.161035e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

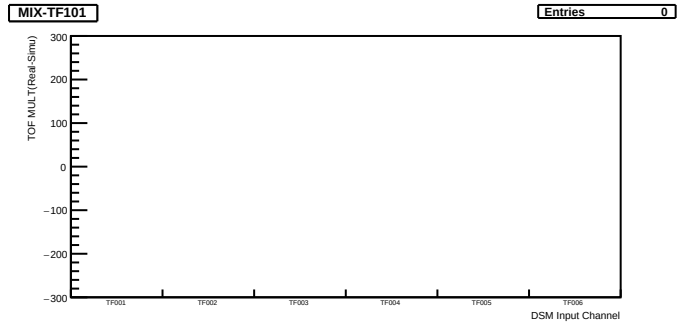

MIX-TF003
Entries 1.161035e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

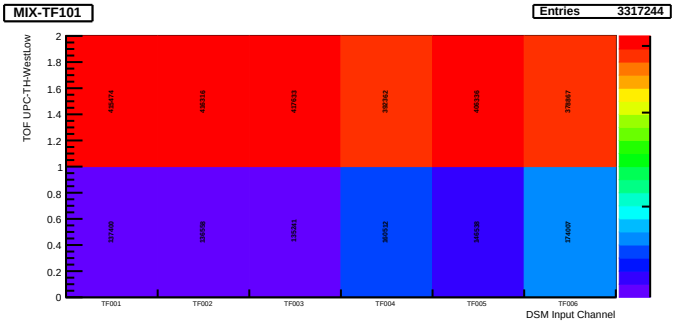

MIX-TF004
Entries 1.161035e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

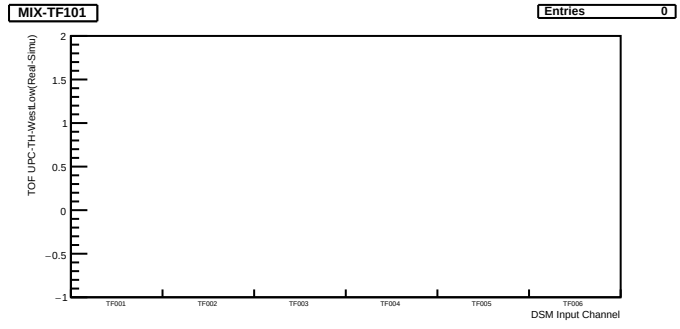

MIX-TF005
Entries 1.161035e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

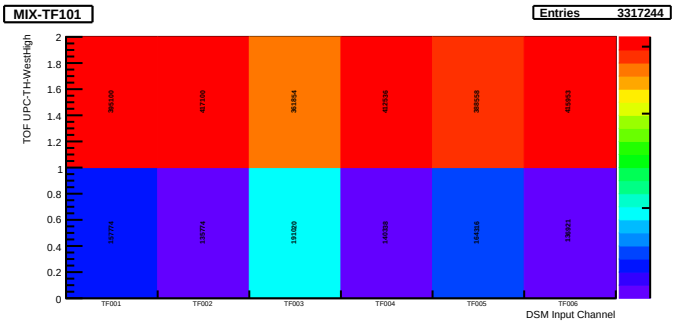

MIX-TF006
Entries 1.161035e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

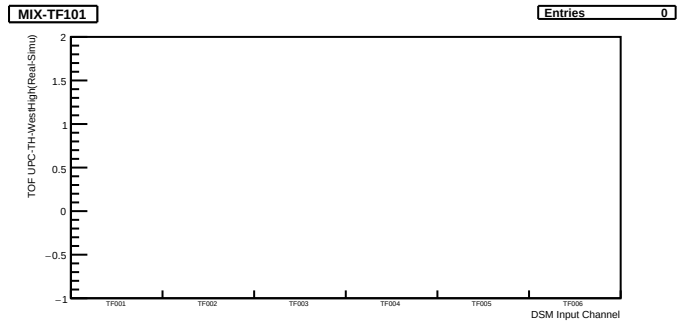

MIX-TF101
Entries 3317244
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

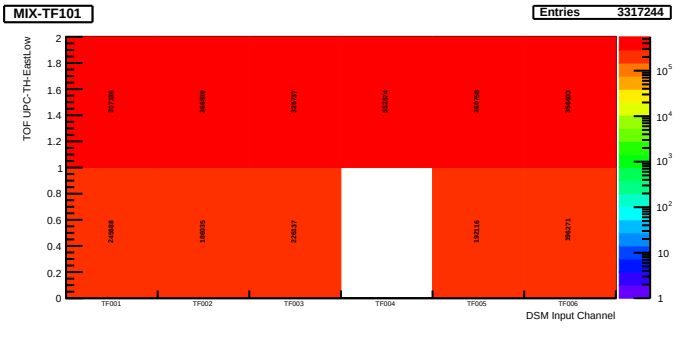

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

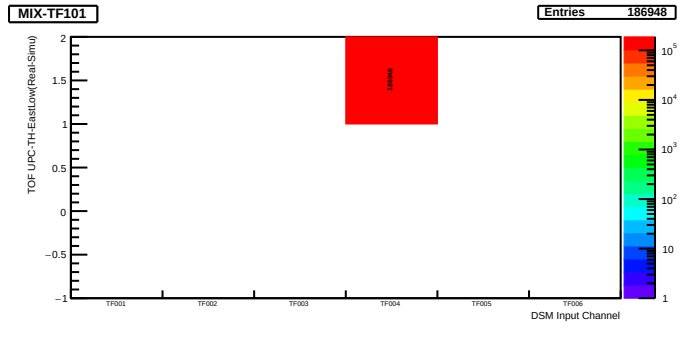

MIX-TF101
Entries 3317244
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

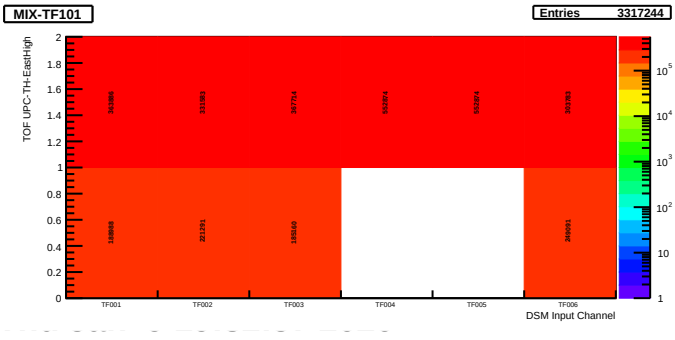

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

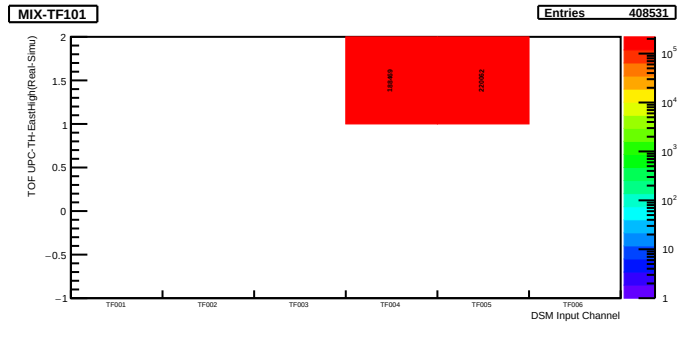

MIX-TF101
Entries 3317244
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

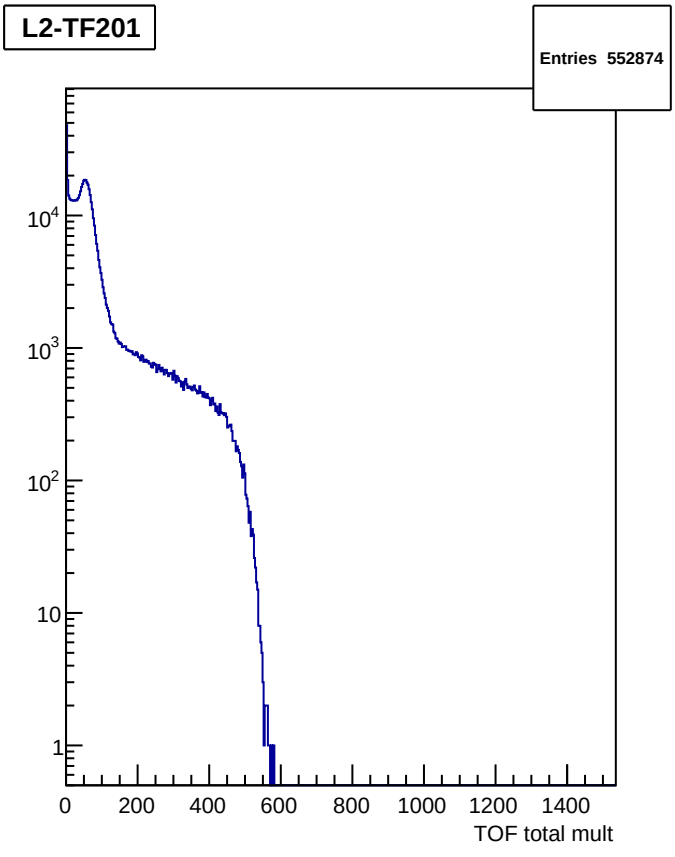

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

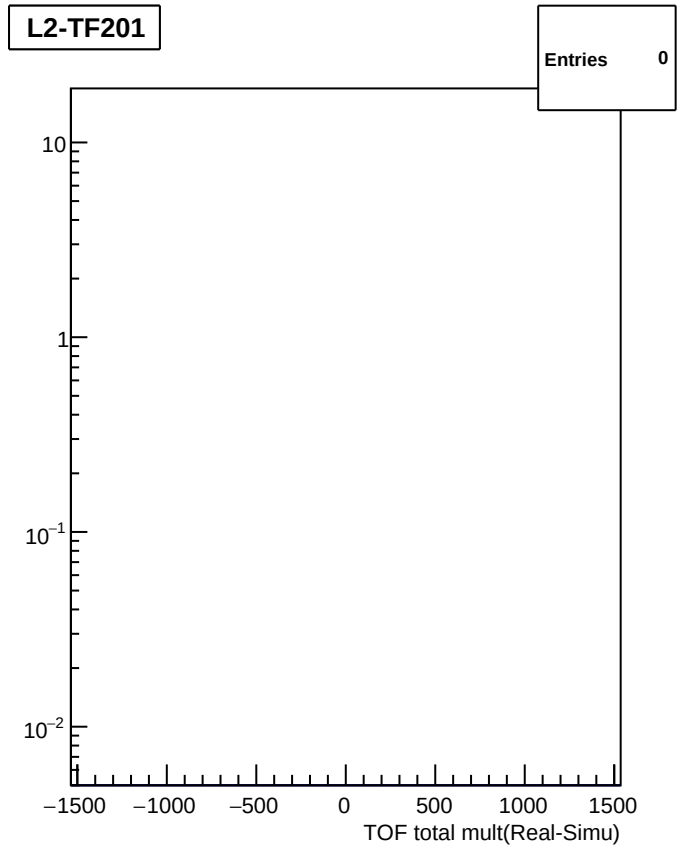

MIX-TF101
Entries 3317244
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

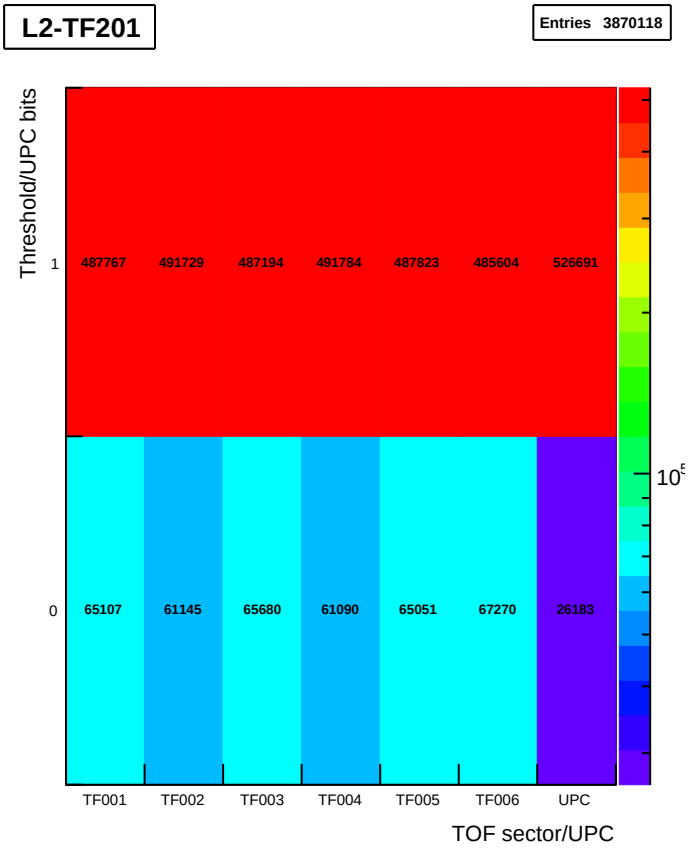

MIX-TF101
Entries 186948
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

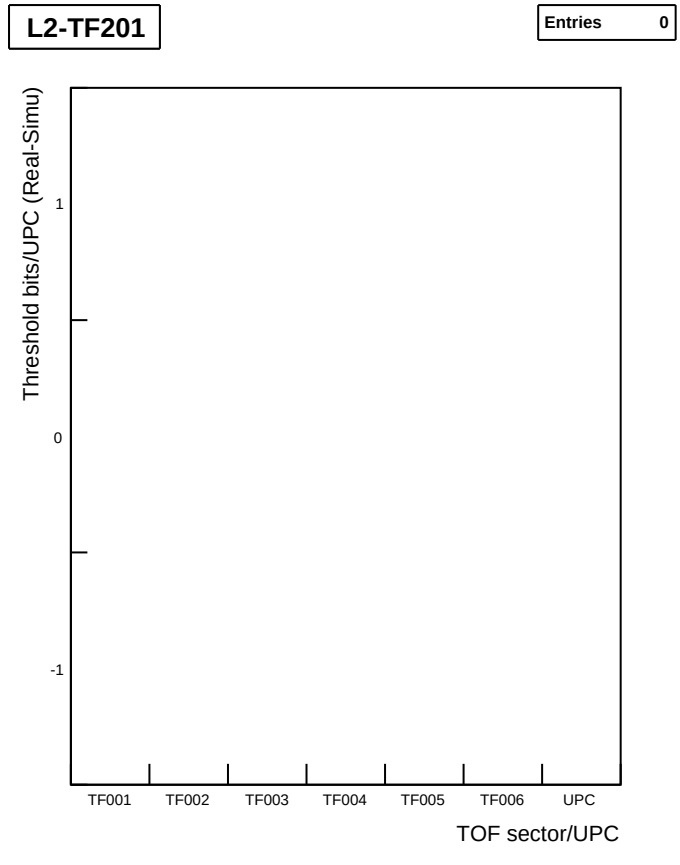

MIX-TF101
Entries 3317244
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

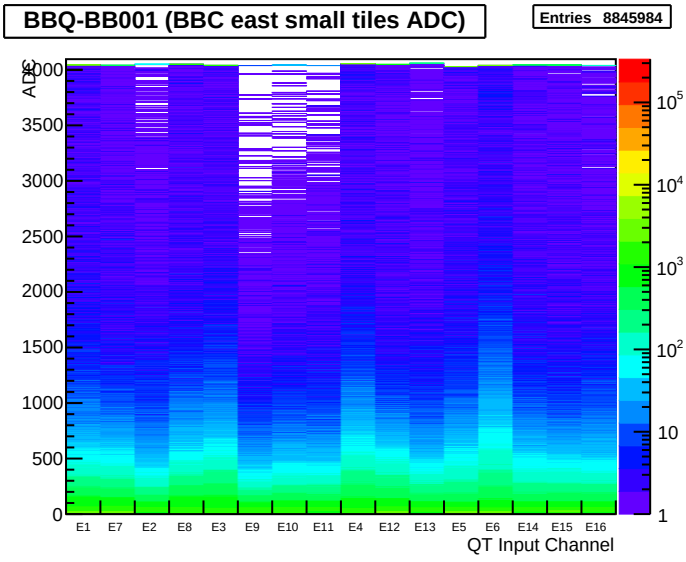

MIX-TF101
Entries 408531
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

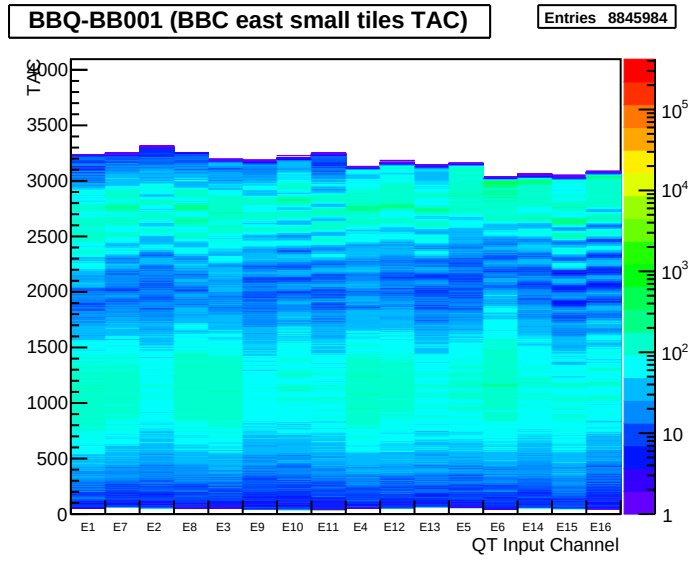

L2-TF201
Entries 552874
TOF total mult

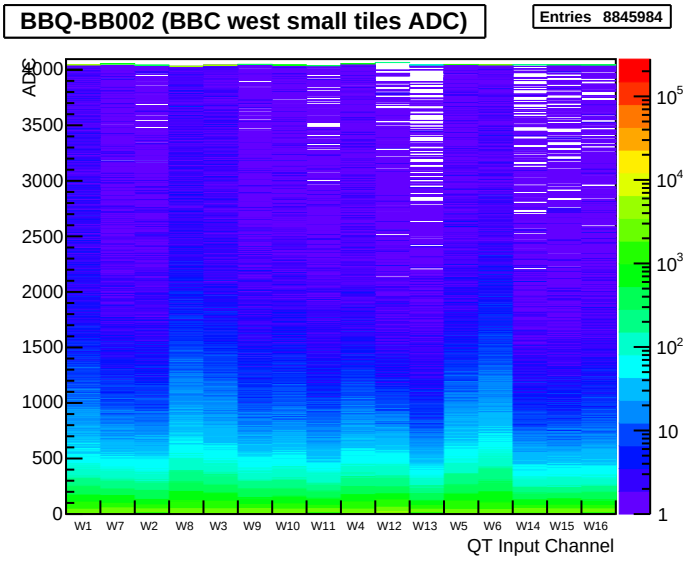

L2-TF201
Entries 0
TOF total mult(Real-Simu)

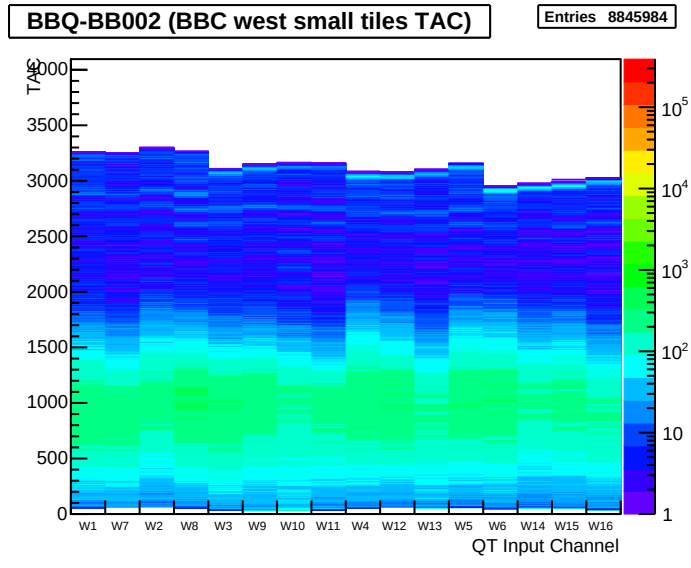

L2-TF201
Entries 3870118
Threshold/UPC bits
487767
491729
487194
491784
487823
485604
526691
65107
61145
65680
61090
65051
67270
26183
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

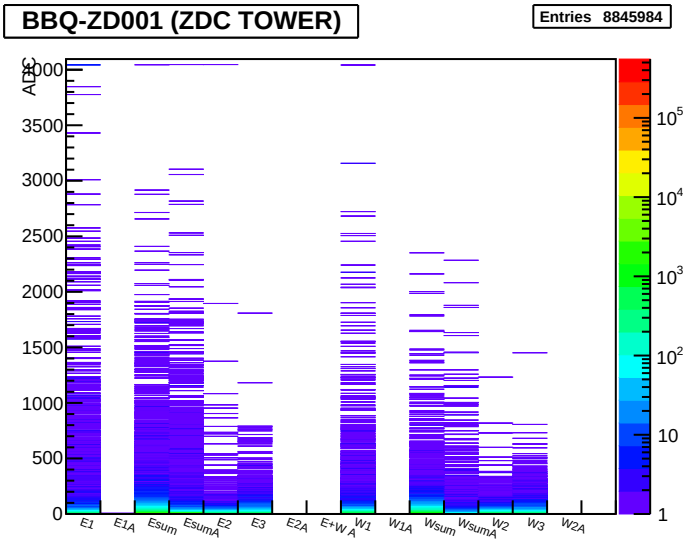

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

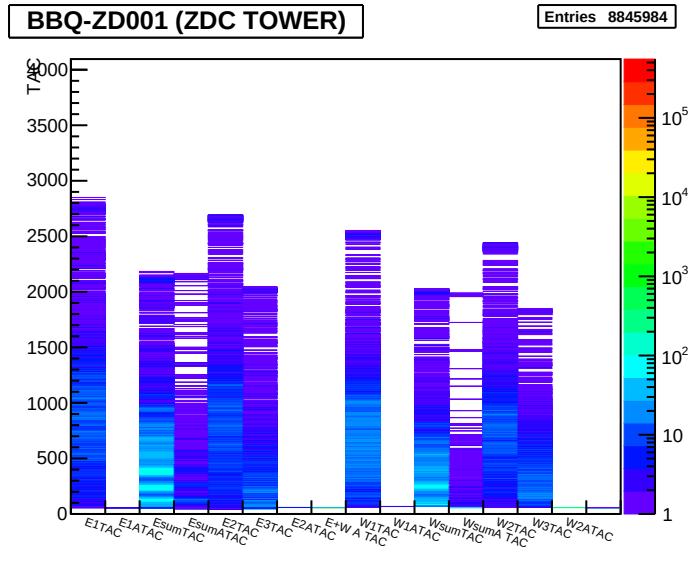

BBQ-BB001 (BBC east small tiles ADC)
Entries 8845984
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

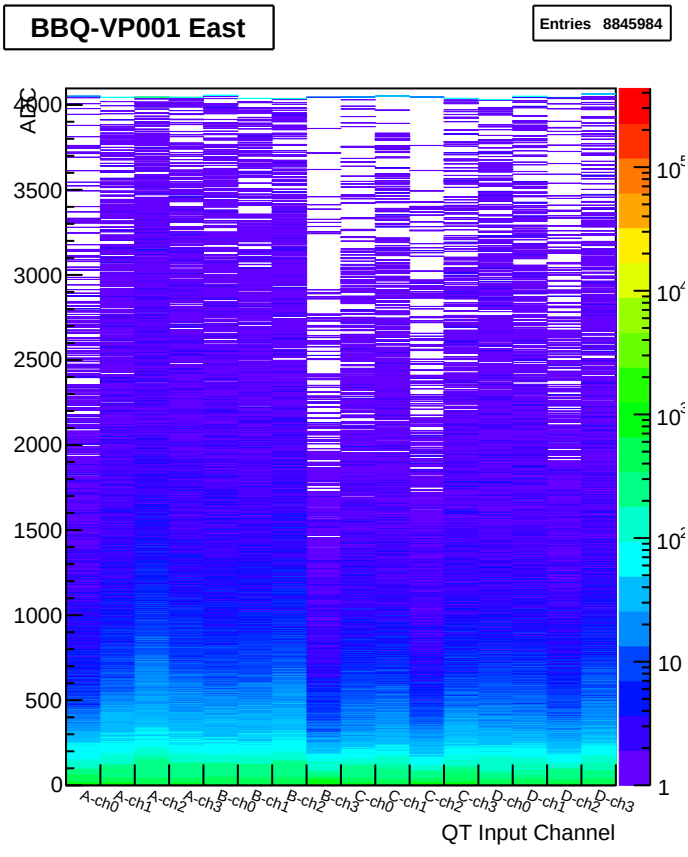

BBQ-BB001 (BBC east small tiles TAC)
Entries 8845984
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

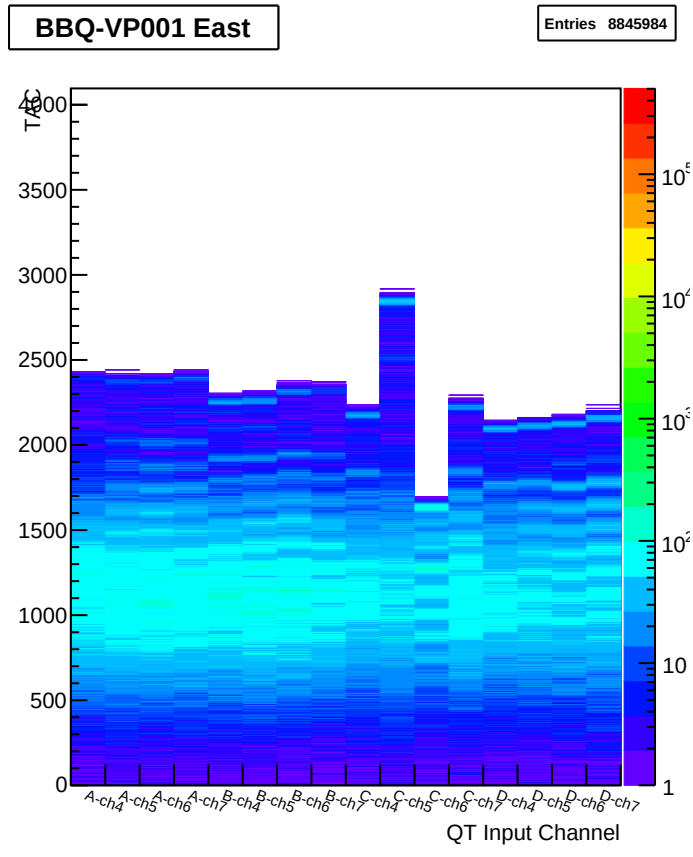

BBQ-BB002 (BBC west small tiles ADC)
Entries 8845984
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

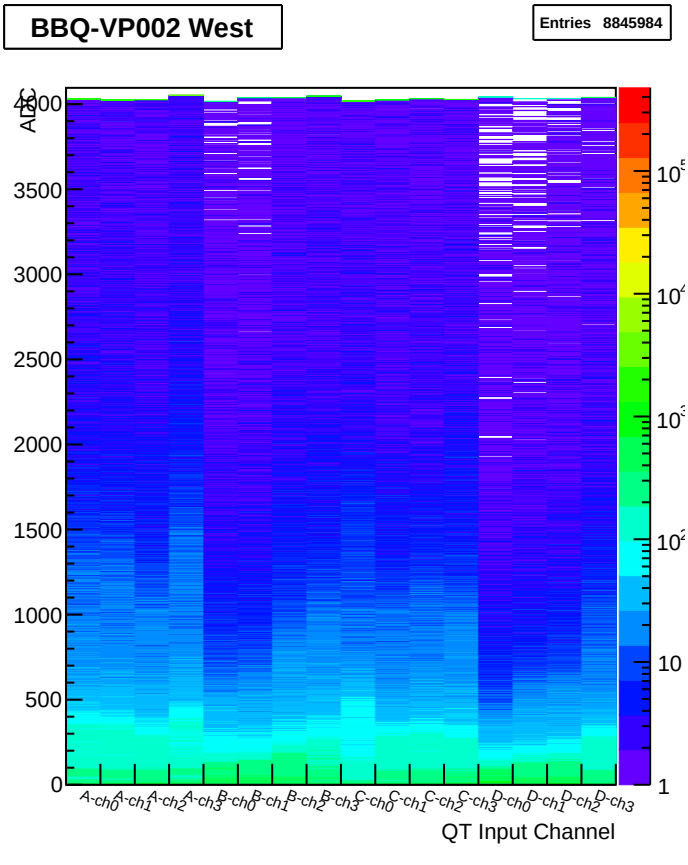

BBQ-BB002 (BBC west small tiles TAC)
Entries 8845984
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

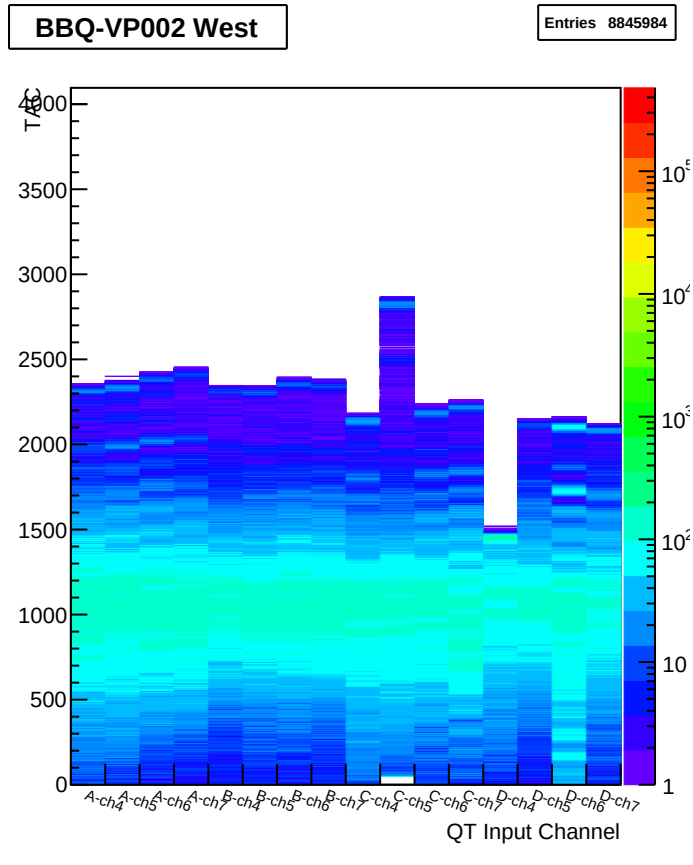

BBQ-ZD001 (ZDC TOWER)
Entries 8845984
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

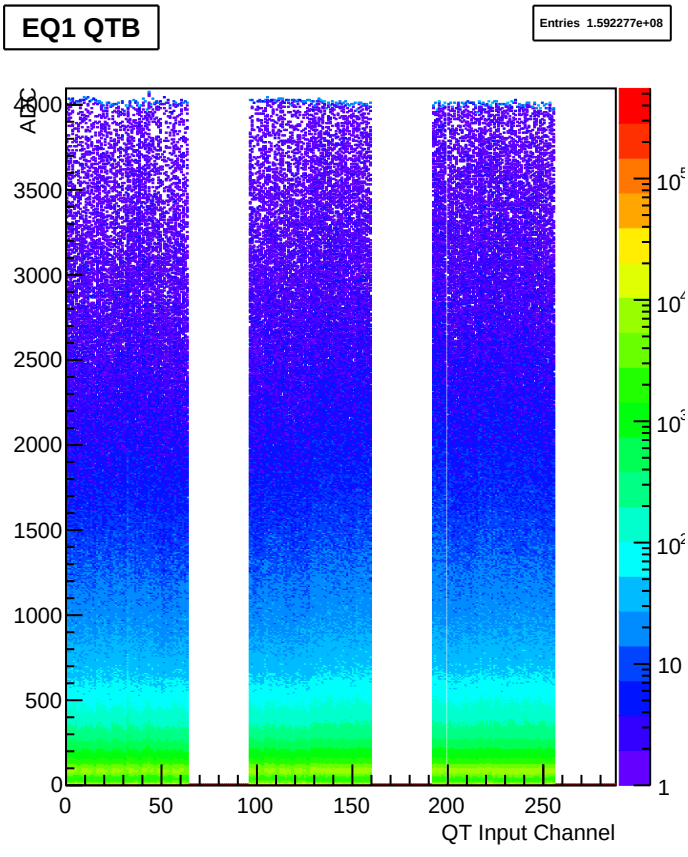

BBQ-ZD001 (ZDC TOWER)
Entries 8845984
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

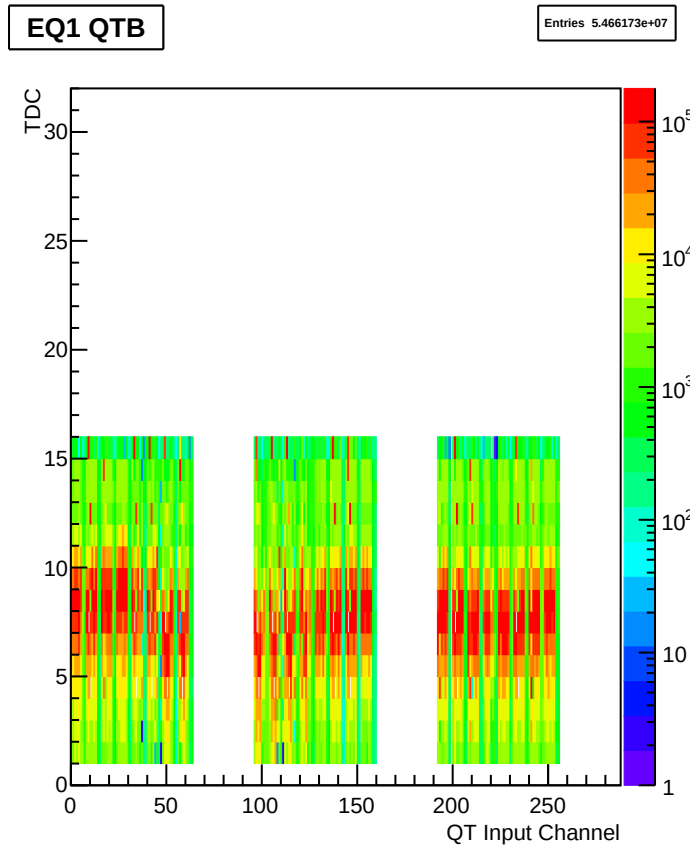

BBQ-VP001 East
Entries 8845984
ADC
QT Input Channel

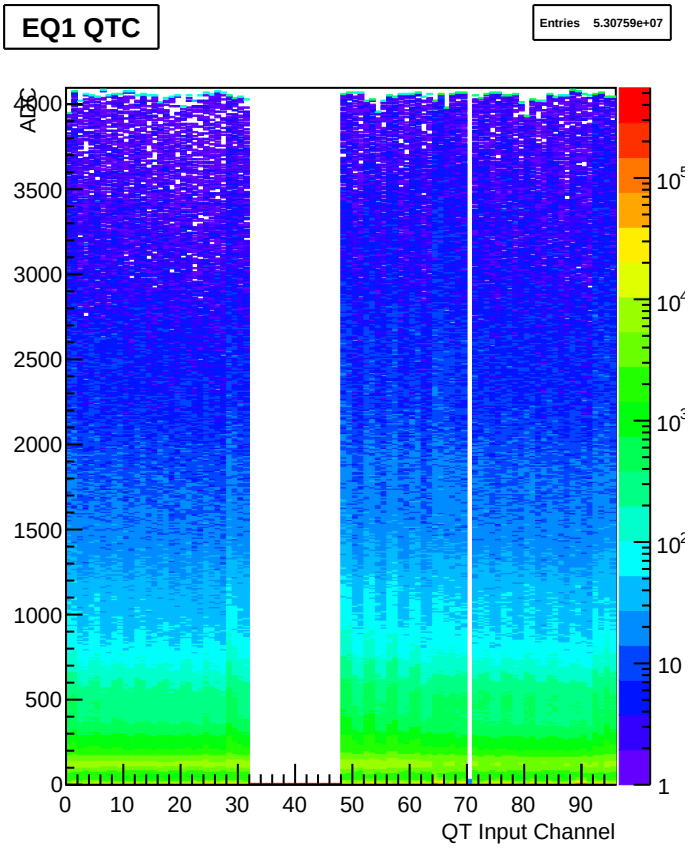

BBQ-VP001 East
Entries 8845984
TADC
QT Input Channel

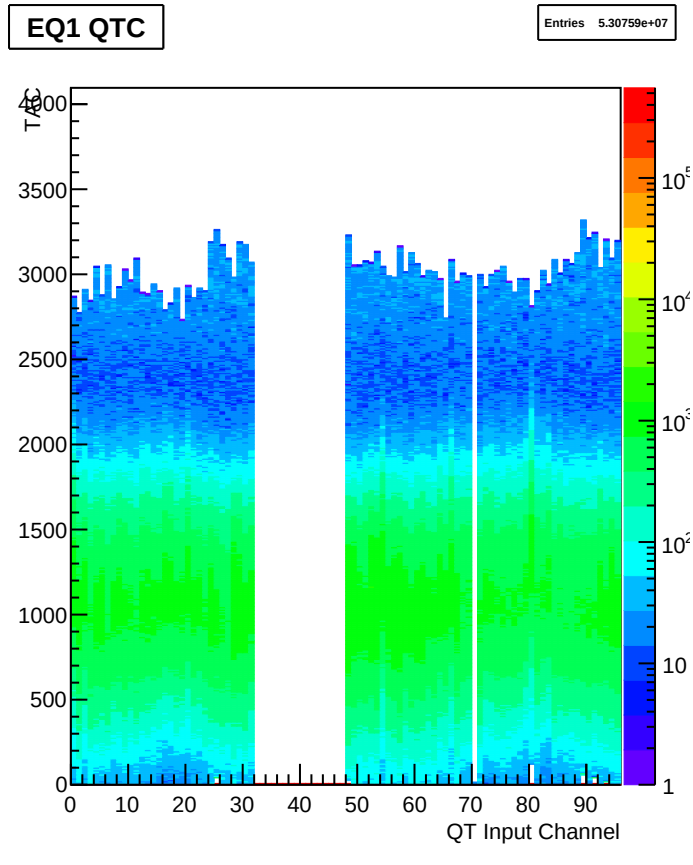

BBQ-VP002 West
Entries 8845984
ADC
QT Input Channel

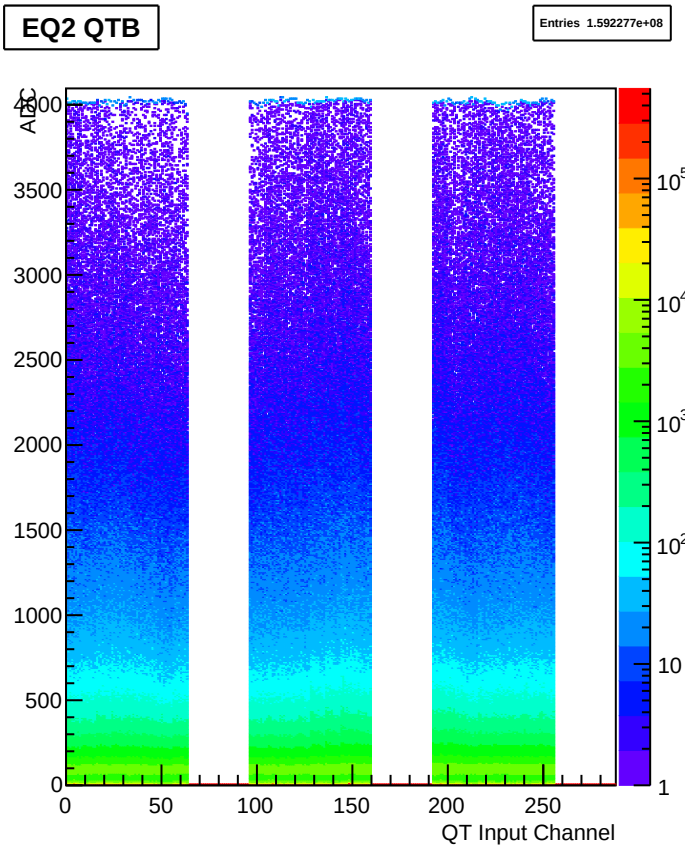

BBQ-VP002 West
Entries 8845984
TADC
QT Input Channel

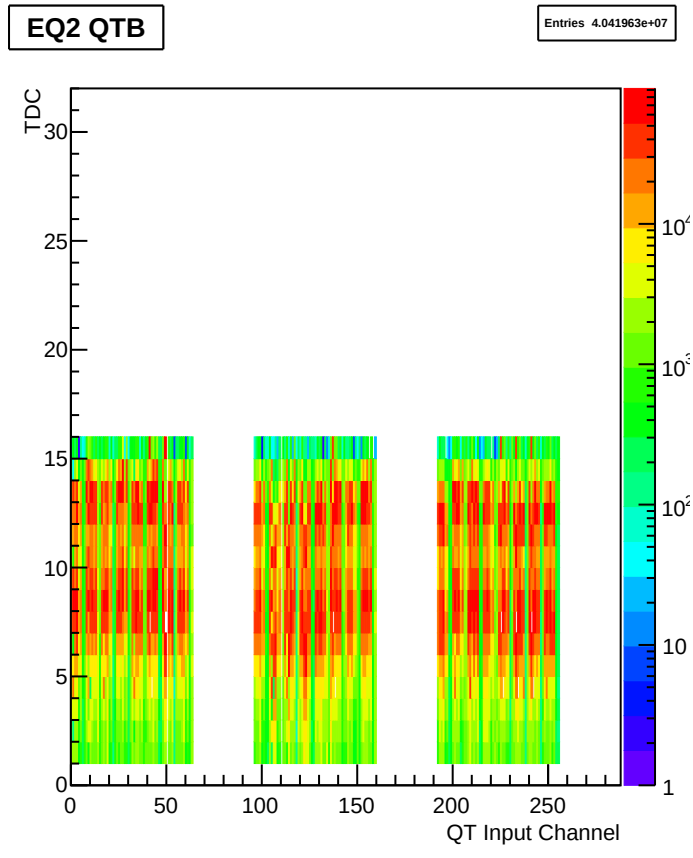

EQ1 QTB
Entries 1.592277e+08
ADC
QT Input Channel

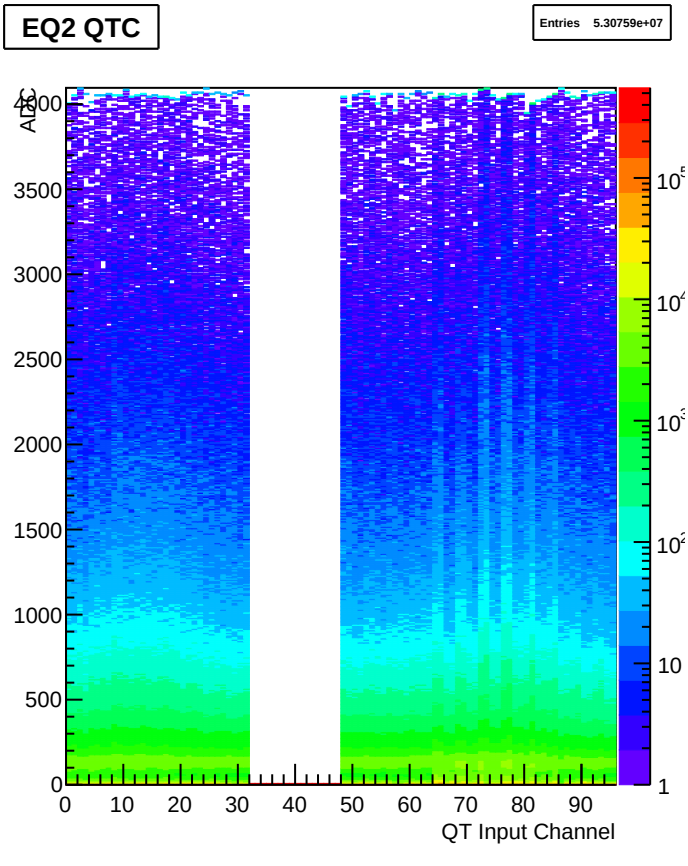

EQ1 QTB
Entries 5.466173e+07
TDC
QT Input Channel

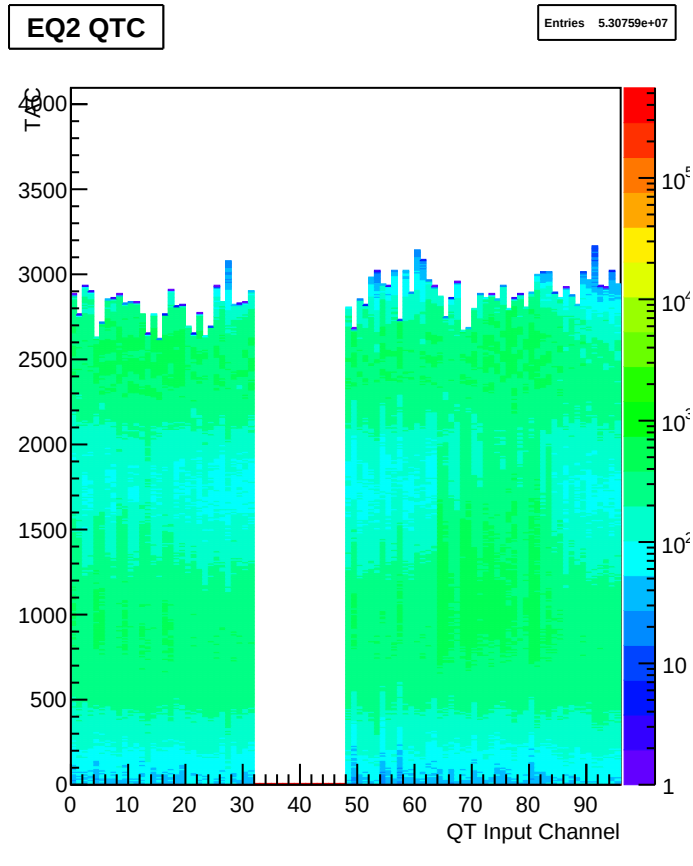

EQ1 QTC
Entries 5.30759e+07
ADC
QT Input Channel

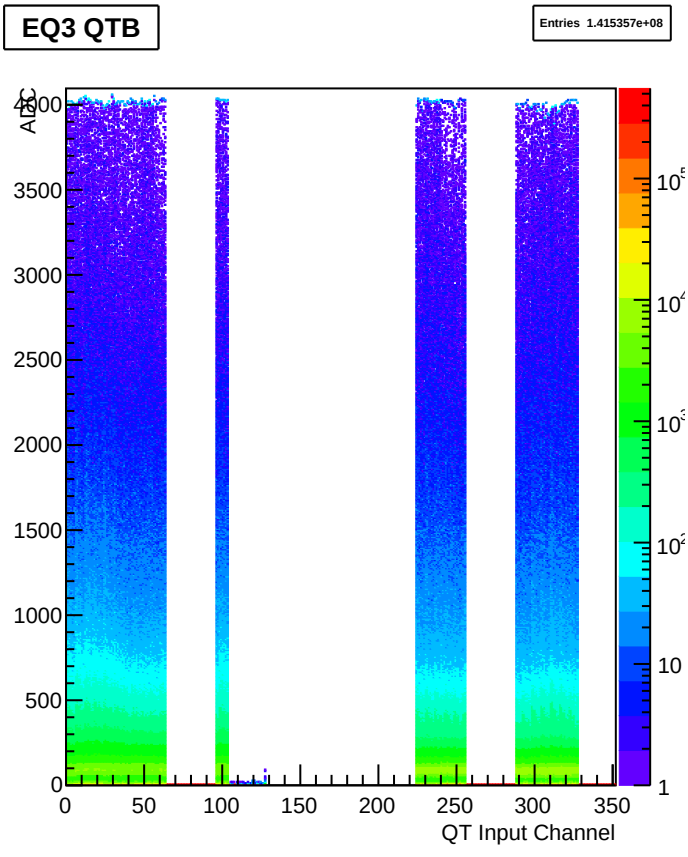

EQ1 QTC
Entries 5.30759e+07
TADC
QT Input Channel

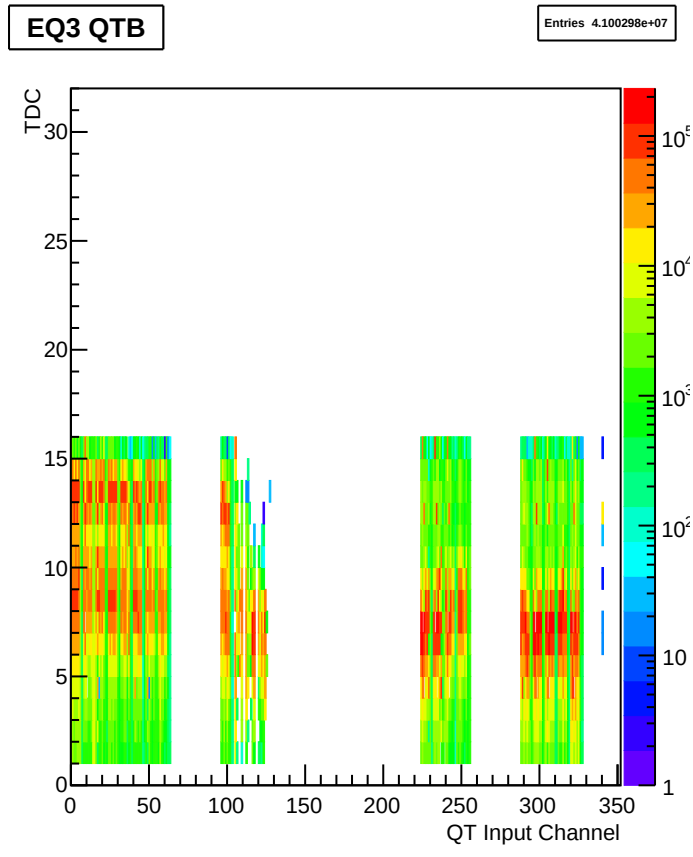

EQ2 QTB
Entries 1.592277e+08
ADC
QT Input Channel

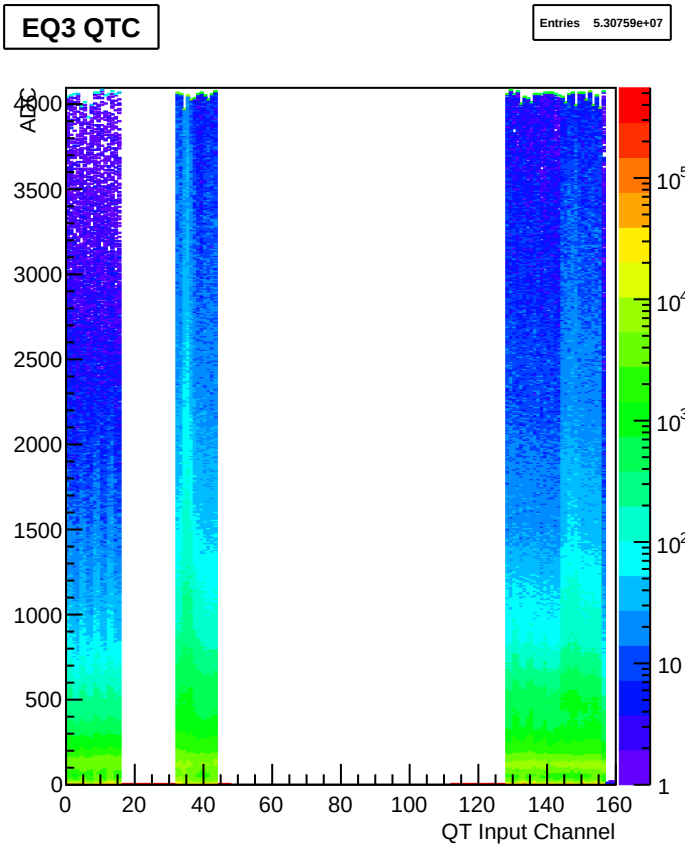

EQ2 QTB
Entries 4.041963e+07
TDC
QT Input Channel

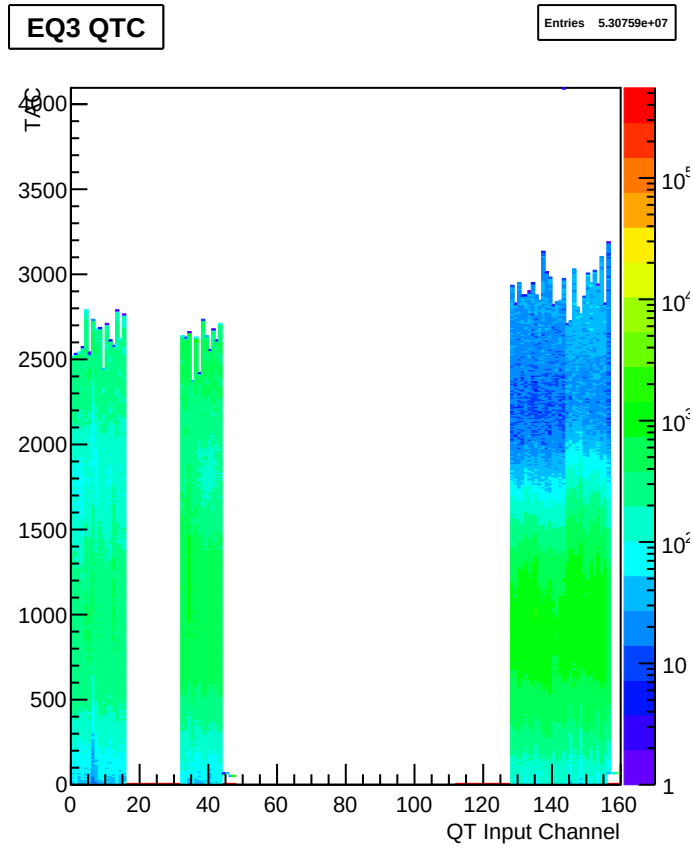

EQ2 QTC
Entries 5.30759e+07
ADC
QT Input Channel

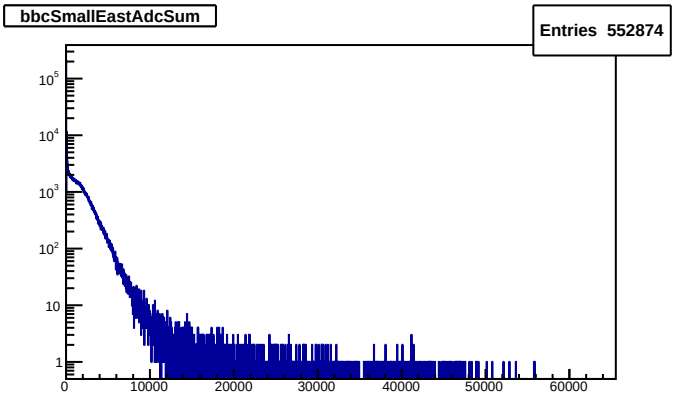

EQ2 QTC
Entries 5.30759e+07
TADC
QT Input Channel

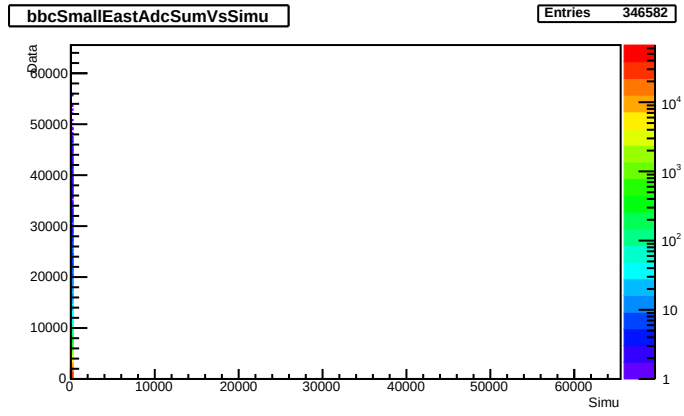

EQ3 QTB
Entries 1.415357e+08
ADC
QT Input Channel

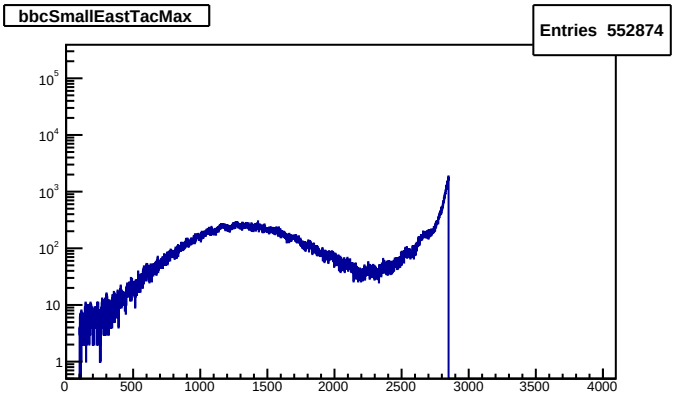

EQ3 QTB
Entries 4.100298e+07
TDC
QT Input Channel

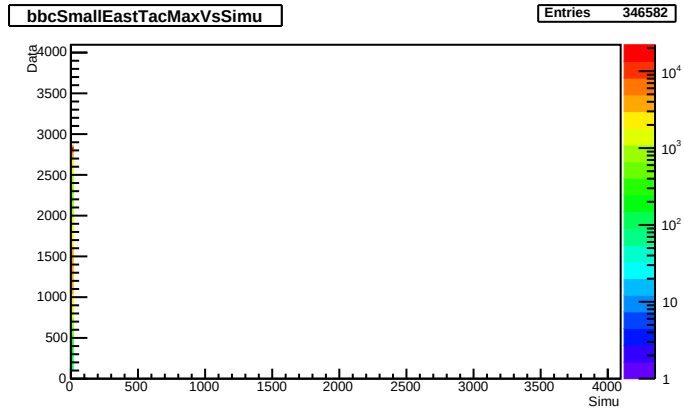

EQ3 QTC
Entries 5.30759e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.30759e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 552874


bbcSmallEastAdcSumVsSimu
Entries 346582
Data
Simu


bbcSmallEastTacMax
Entries 552874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Entries 346582
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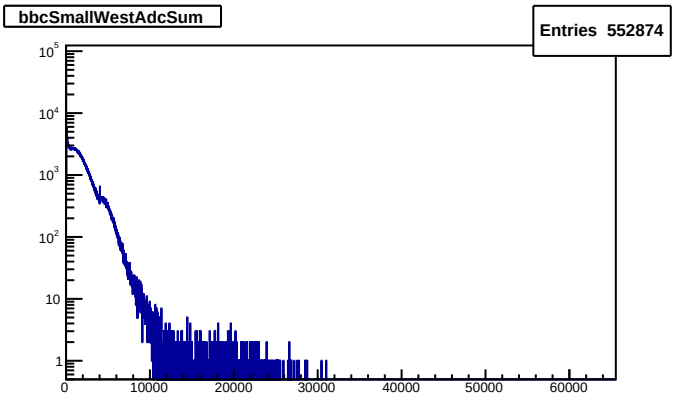
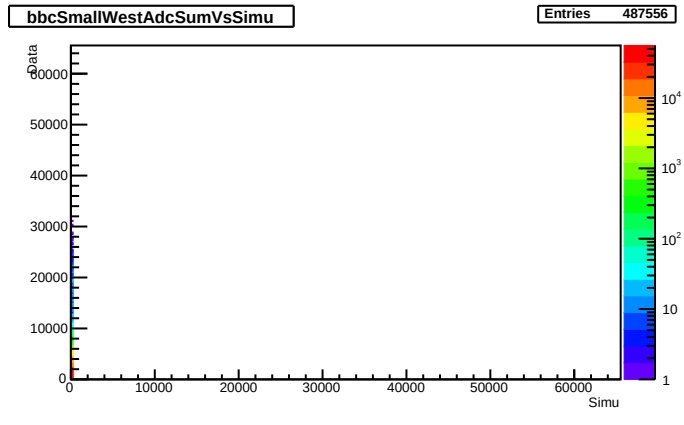

bbcSmallWestAdcSum
Entries 552874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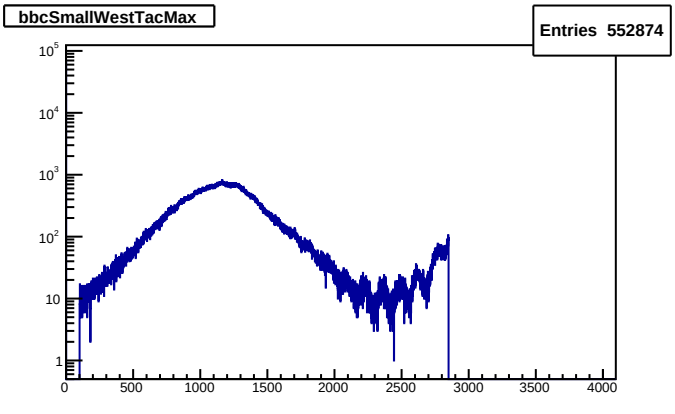
Entries 487556
Data
Simu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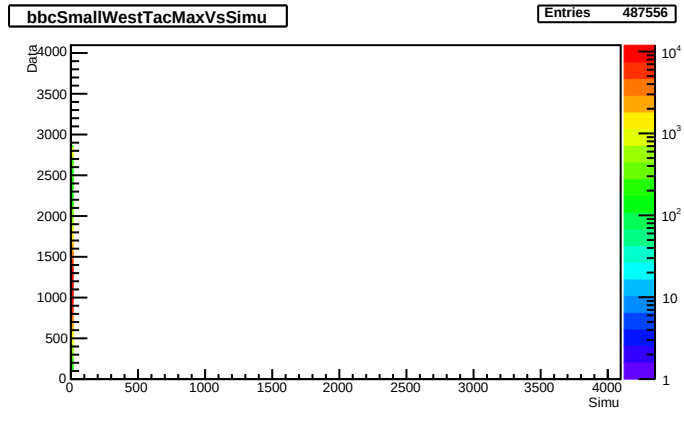
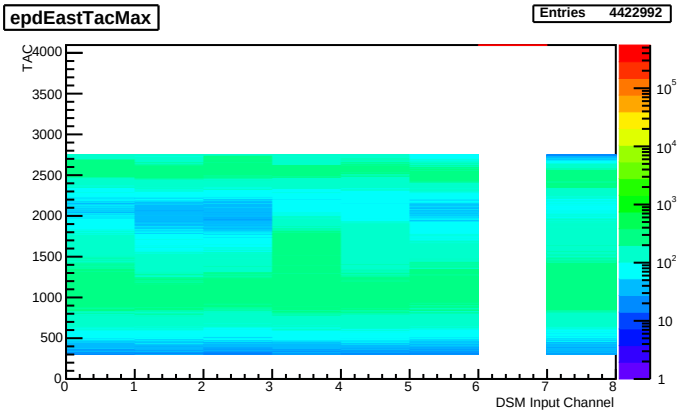
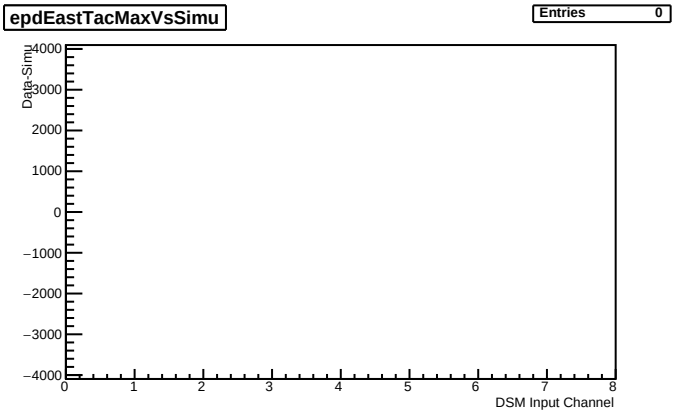
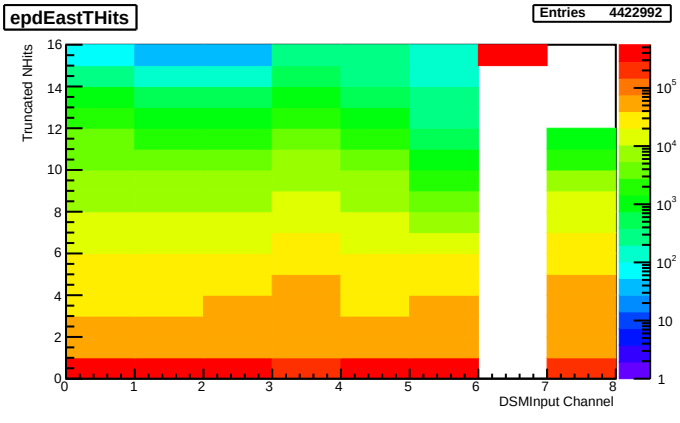
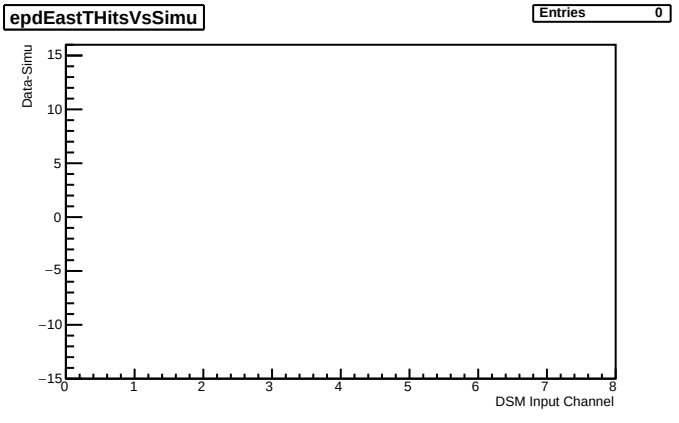
Entries 552874


bbcSmallWestTacMaxVsSimu
Entries 487556
Data
Simu


epdEastTacMax
Entries 4422992
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4422992
Truncated NHits
DSMInput Channel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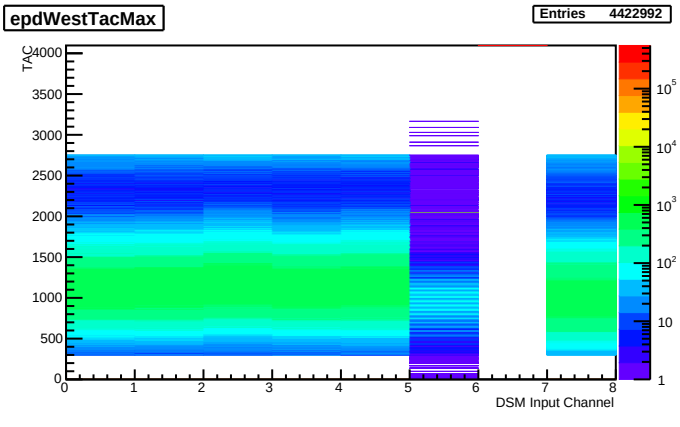
Data-Simu
DSM Input Channel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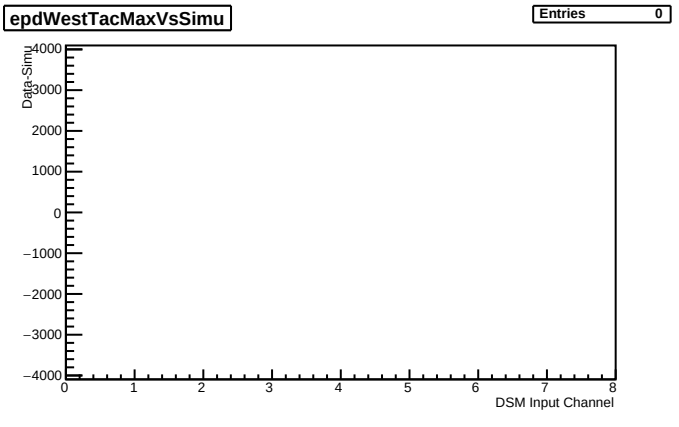
Entries 4422992
TAC
DSM Input Channel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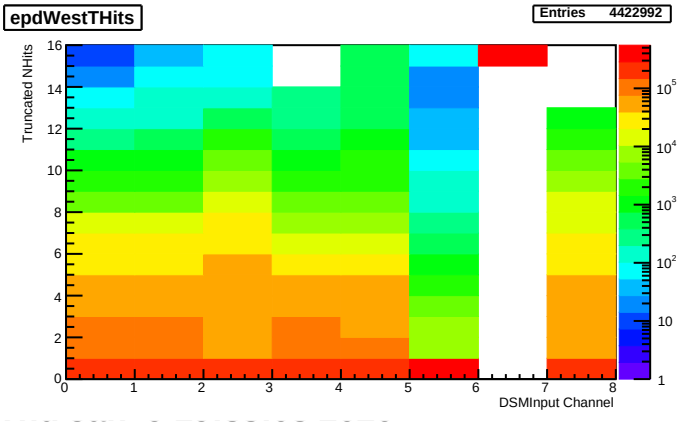
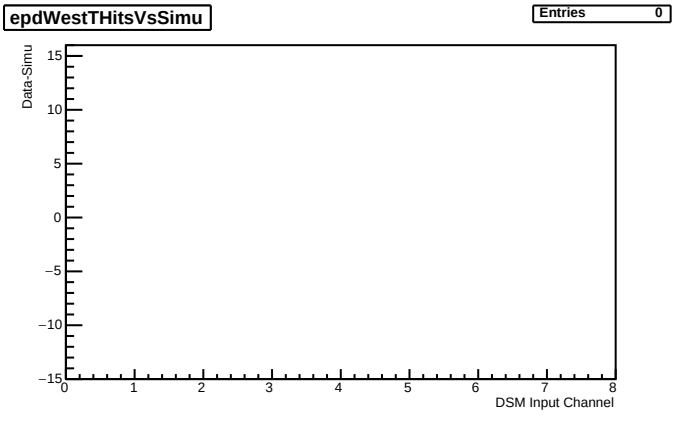
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4422992
Truncated NHits
DSMInput Channel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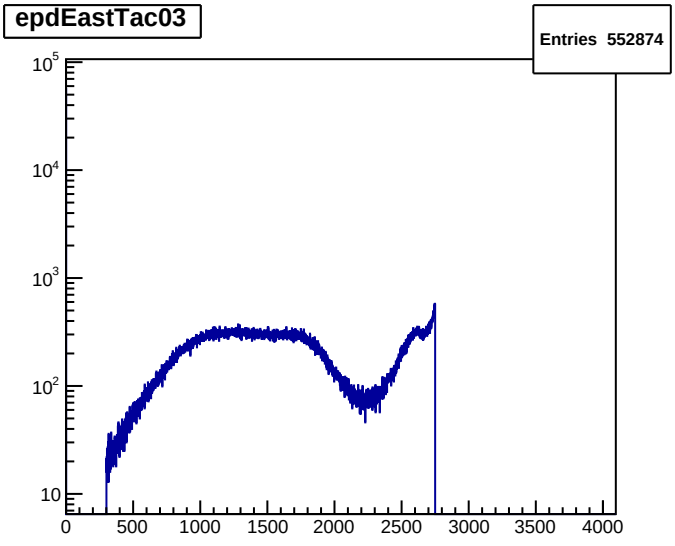
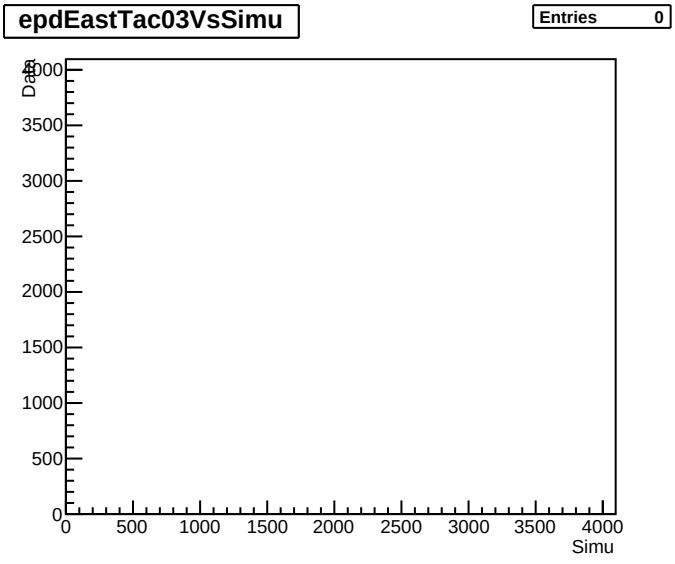
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 552874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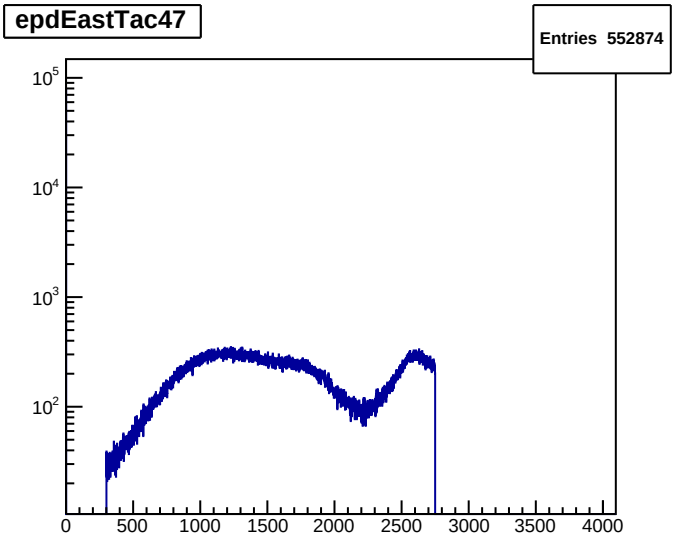
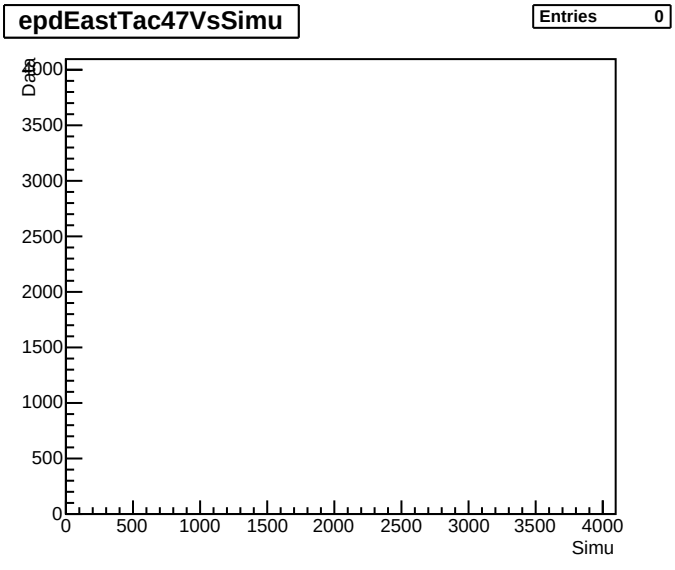
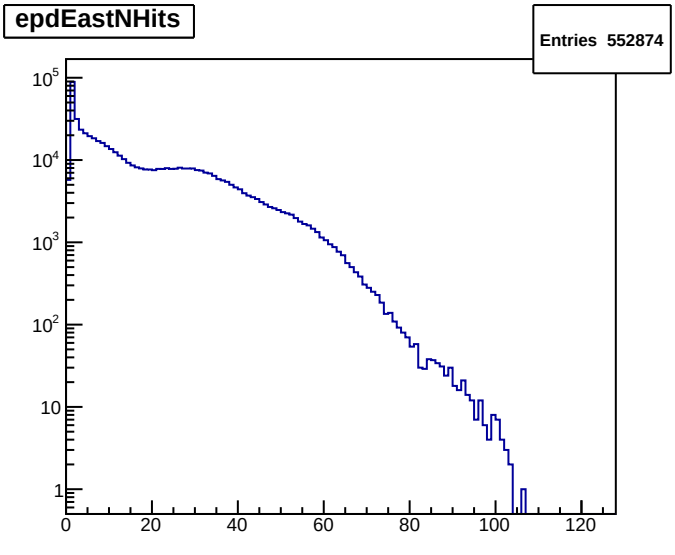
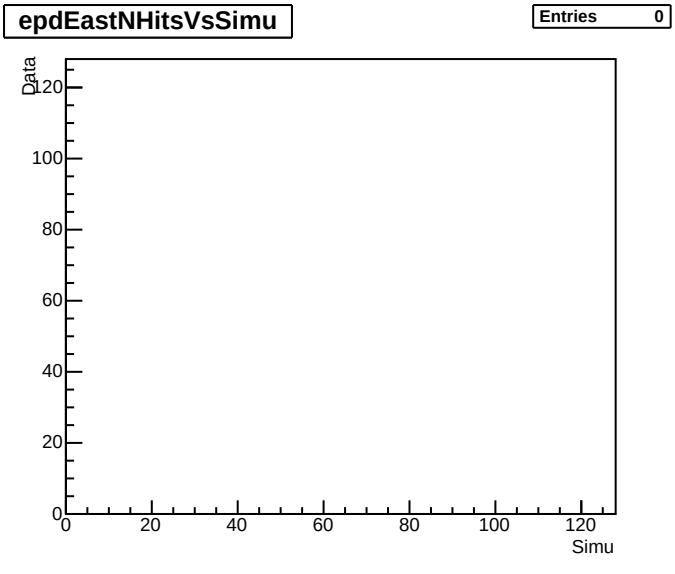
Entries 0
Data
Simu


epdEastTac47
Entries 552874


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 552874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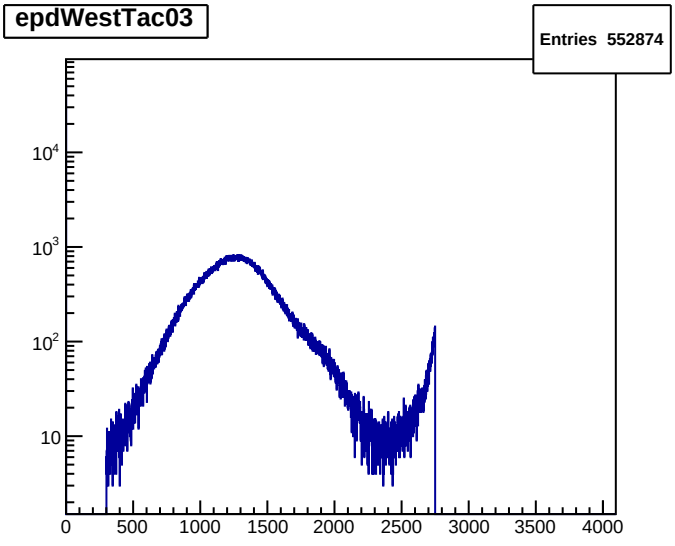
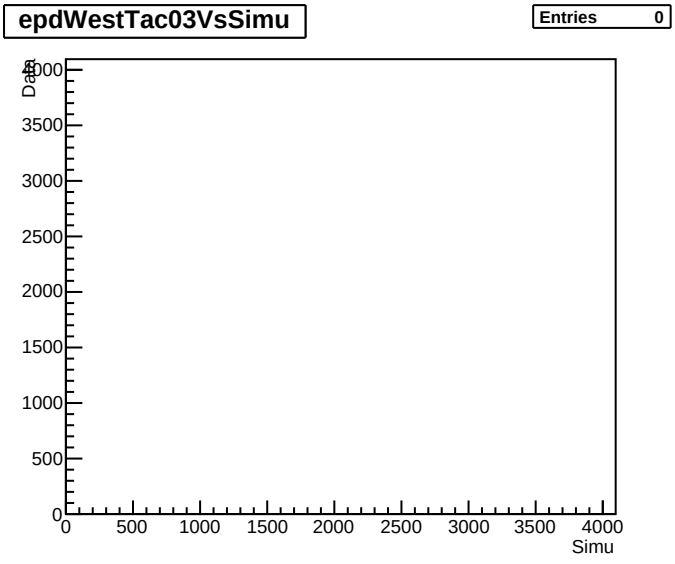
Entries 0
Data
Simu


epdWestTac03
Entries 552874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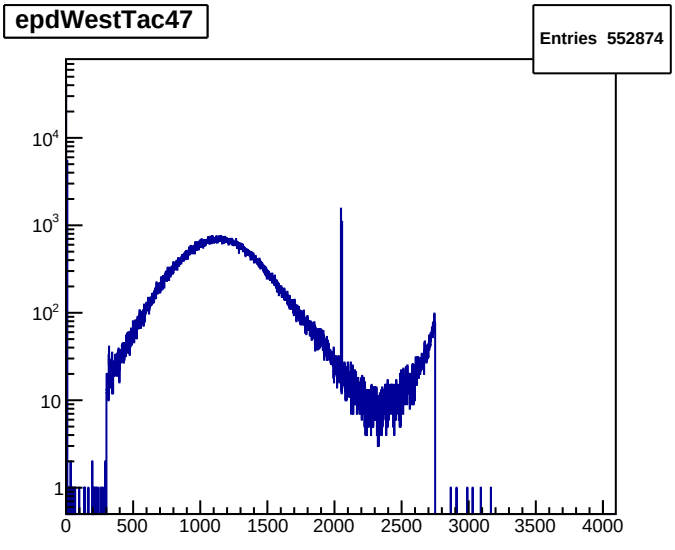
Entries 0
Data
Simu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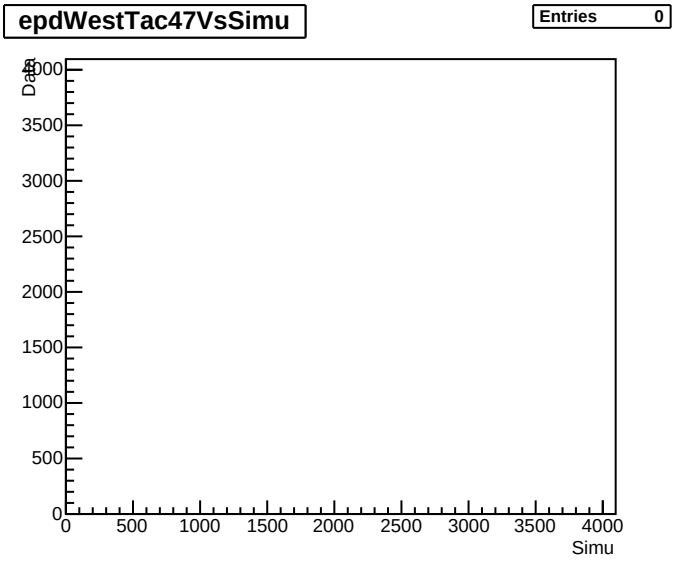
Entries 552874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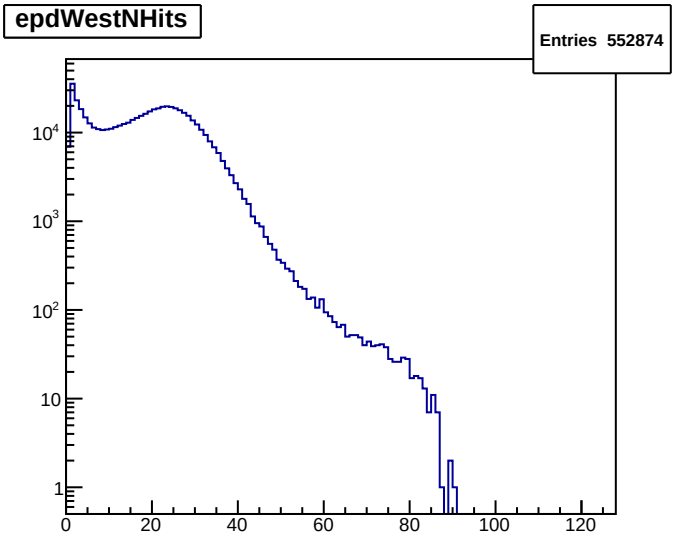
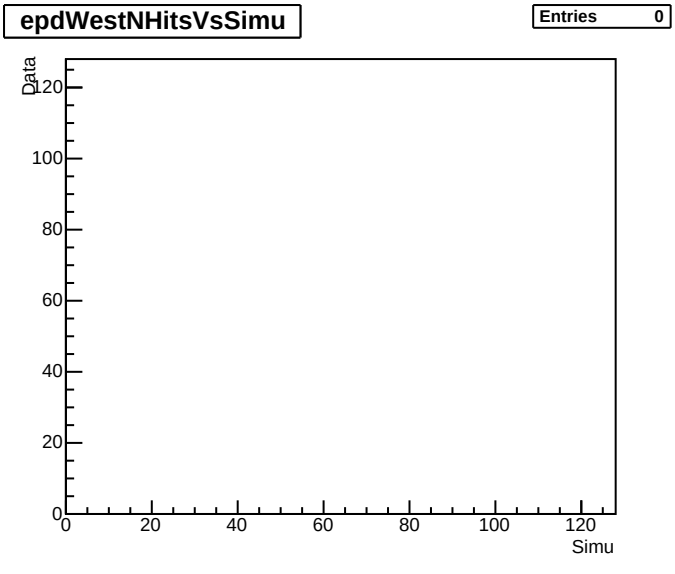
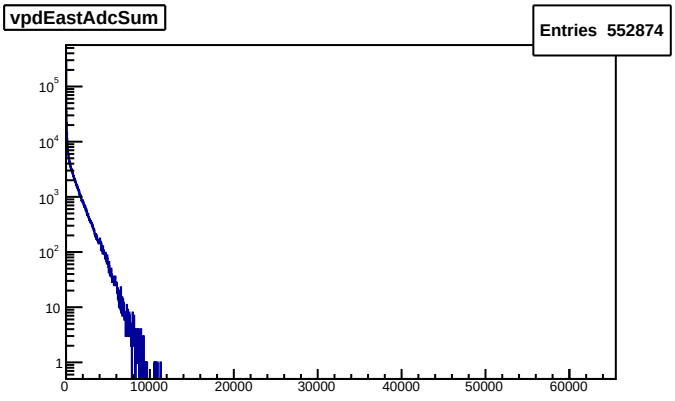
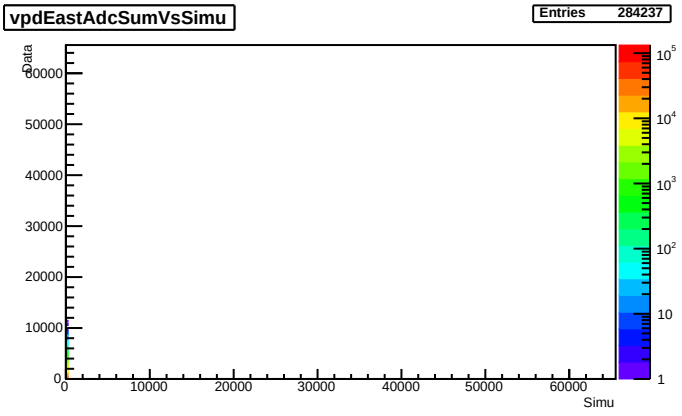
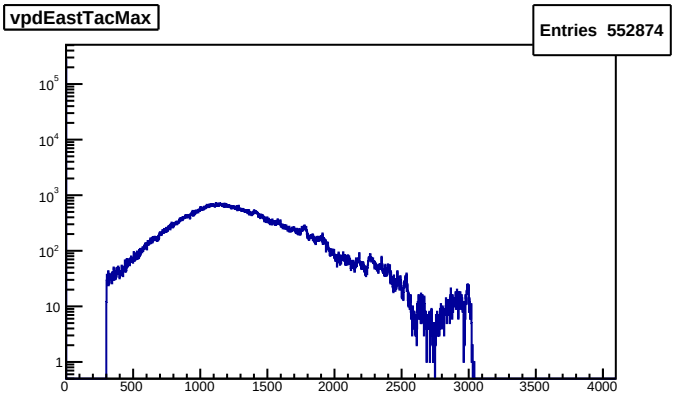
Entries 0
Data
Simu

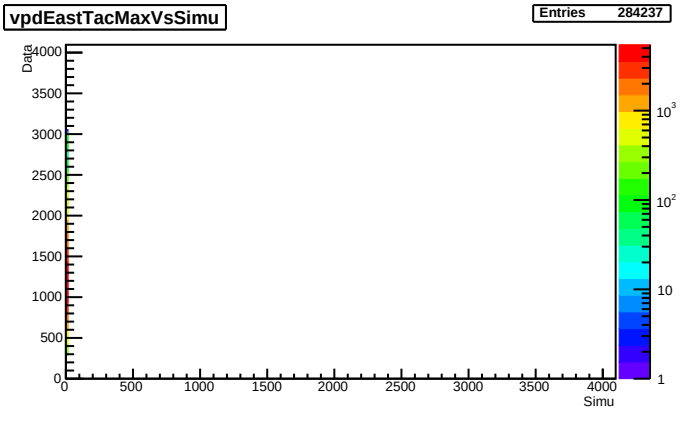

epdWestNHits
Entries 552874

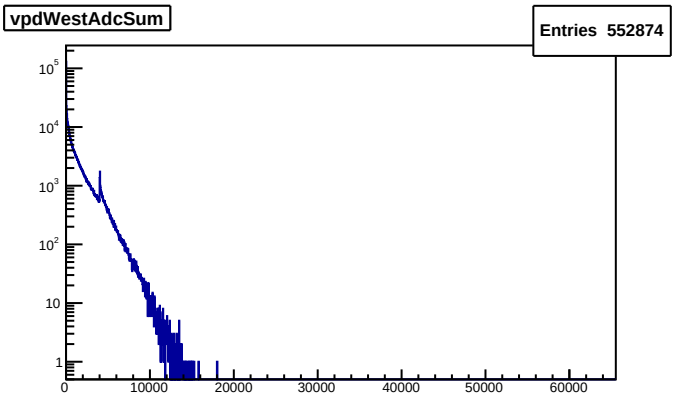

epdWestNHitsVsSimu
Entries 0
Data
Simu

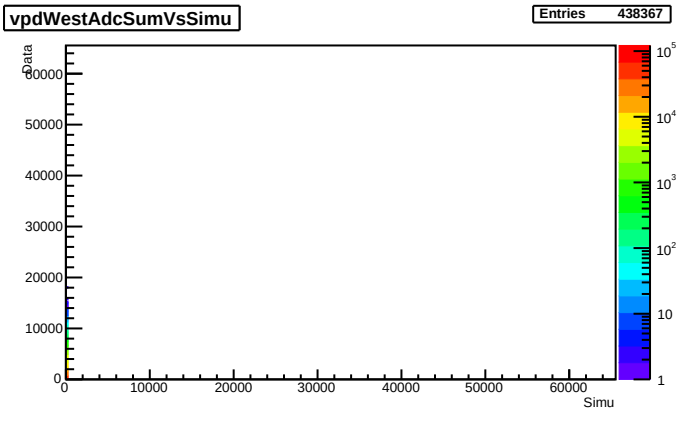

vpdEastAdcSum
Entries 552874

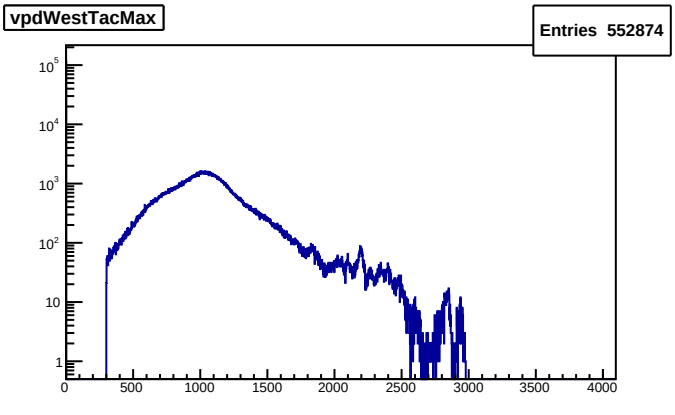

vpdEastAdcSumVsSimu
Entries 284237
Data
Simu

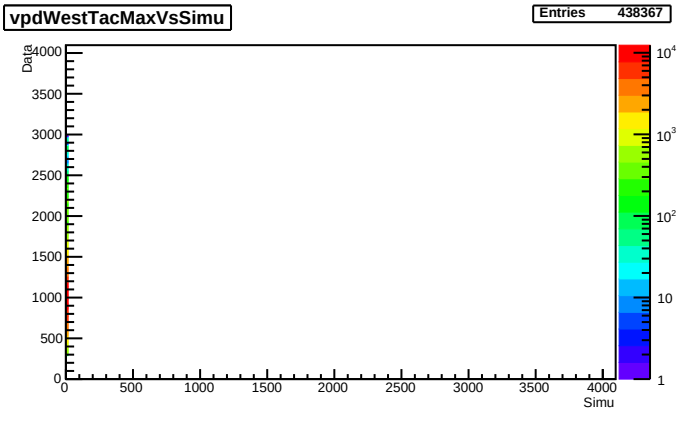

vpdEastTacMax
Entries 552874

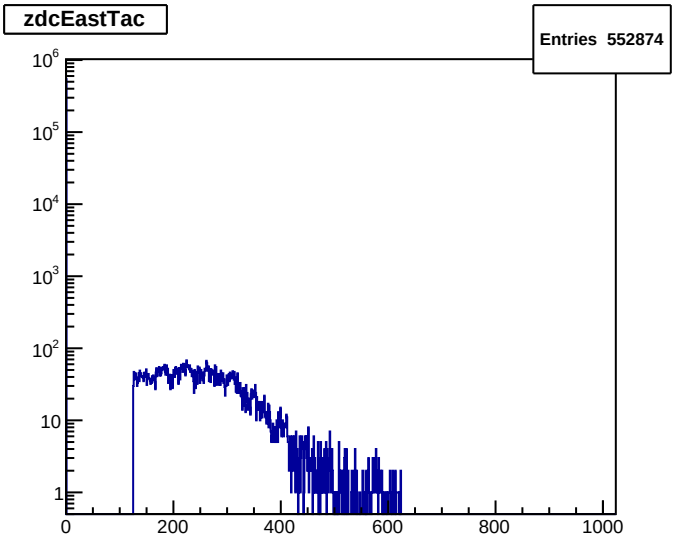

vpdEastTacMaxVsSimu
Entries 284237
Data
Simu

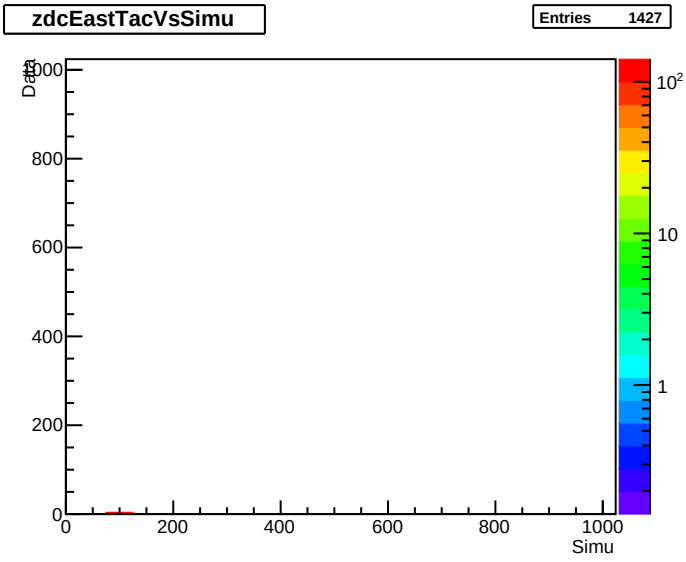

vpdWestAdcSum
Entries 552874

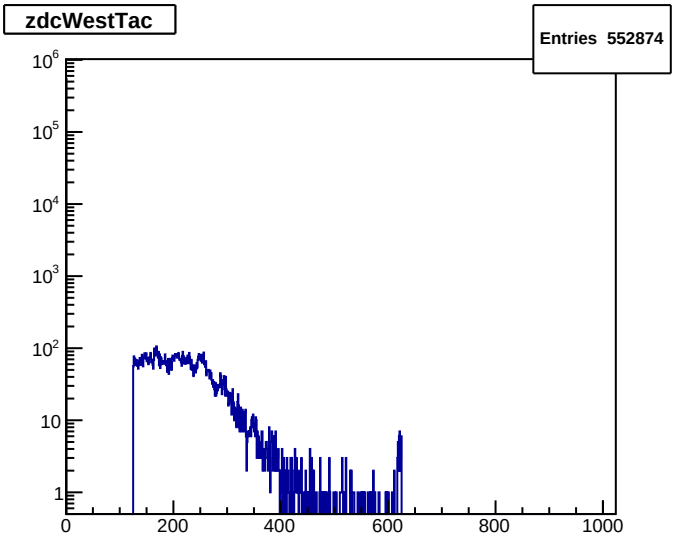

vpdWestAdcSumVsSimu
Entries 438367
Data
Simu

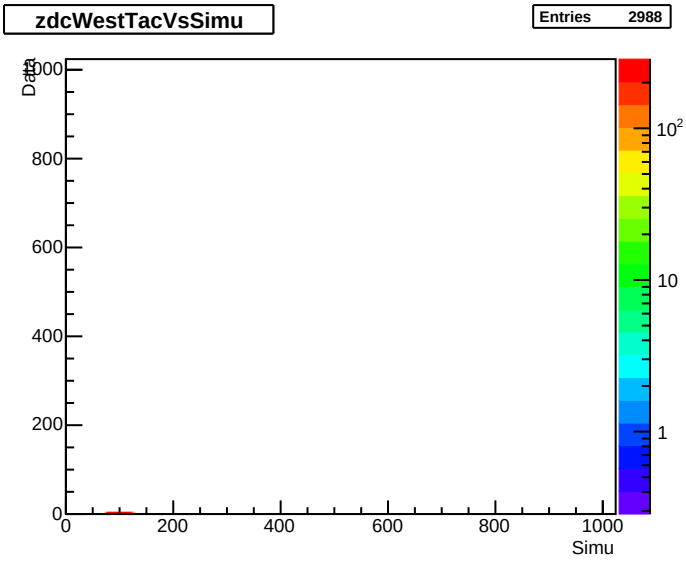

vpdWestTacMax
Entries 552874

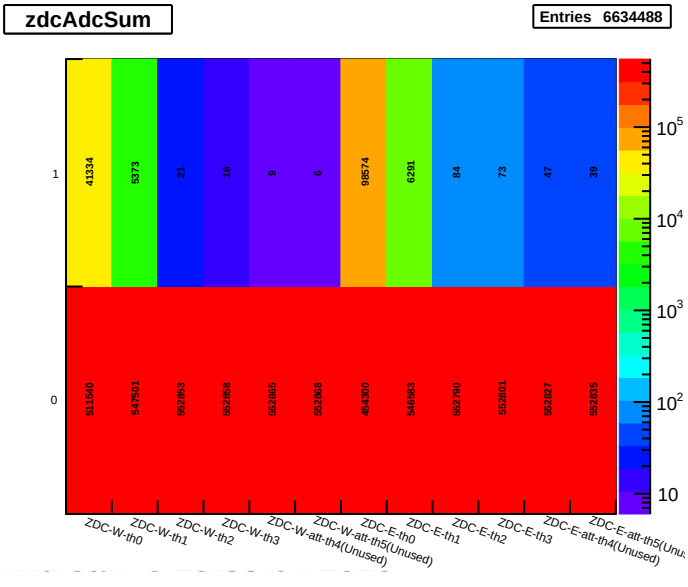

vpdWestTacMaxVsSimu
Entries 438367
Data
Simu

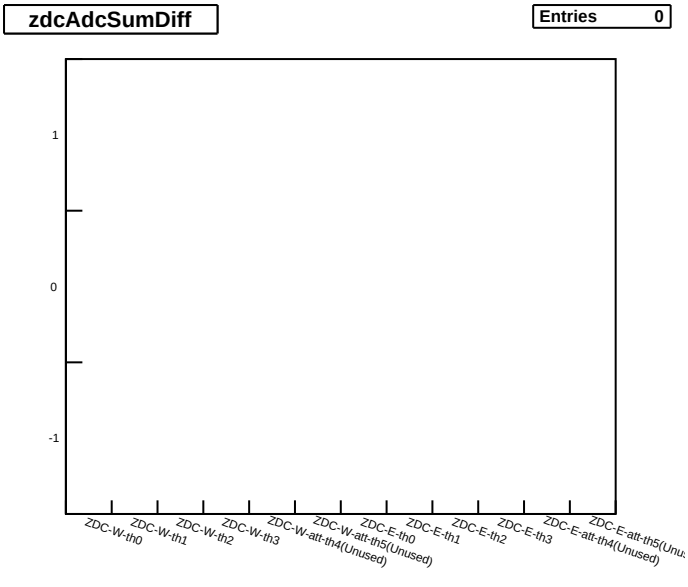

zdcEastTac
Entries 552874

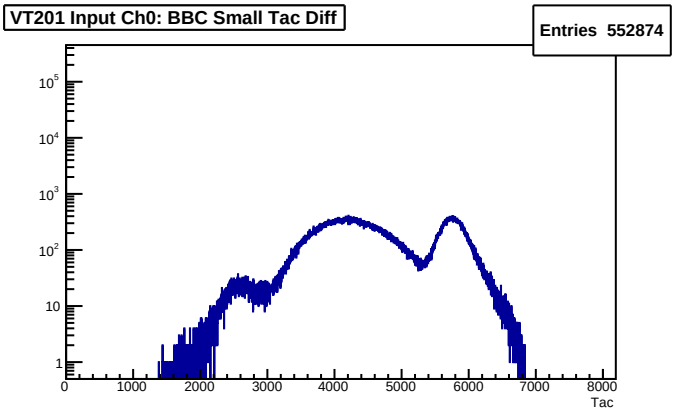

zdcEastTacVsSimu
Entries 1427
Data
Simu

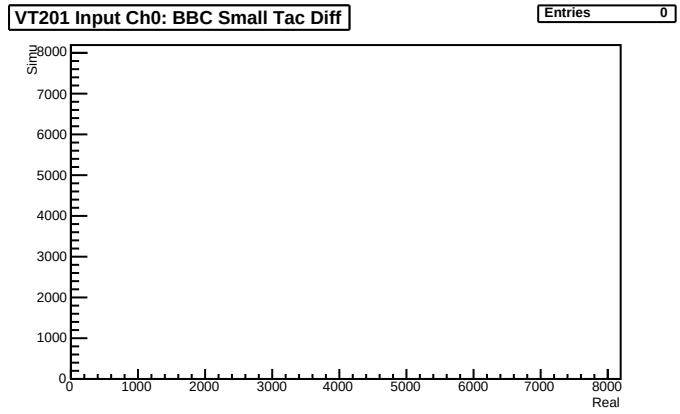

zdcWestTac
Entries 552874

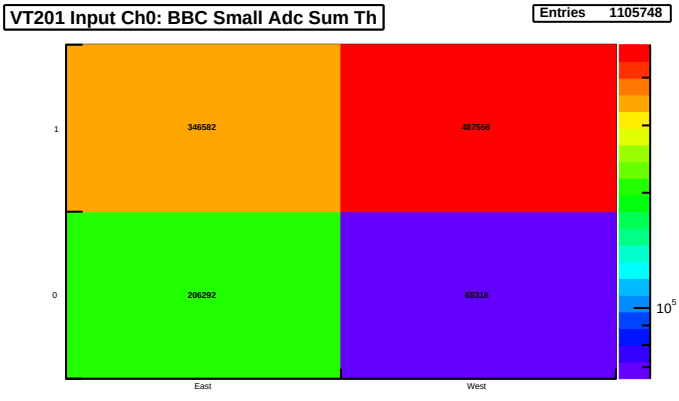

zdcWestTacVsSimu
Entries 2988
Data
Simu

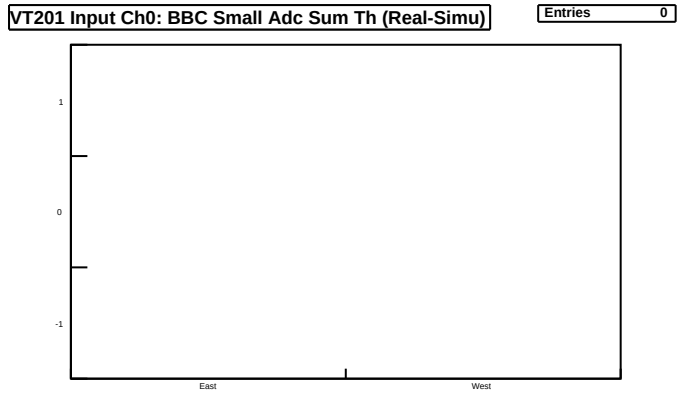

zdcAdcSum
Entries 6634488
41334
5373
21
16
9
6
98574
6291
84
73
47
39
511540
547501
552853
552858
552865
552868
454300
546583
552790
552801
552827
552835
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

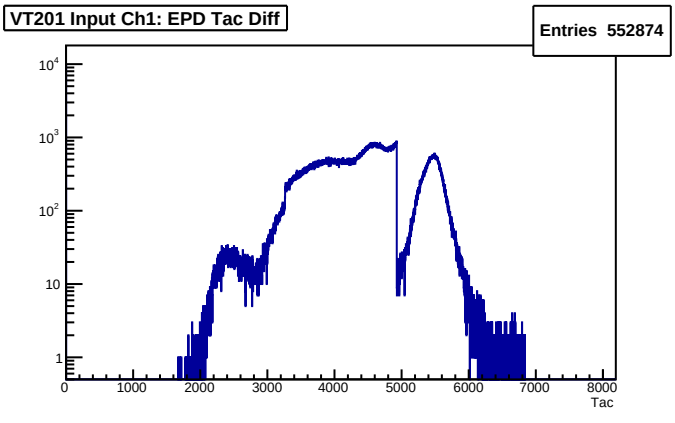

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

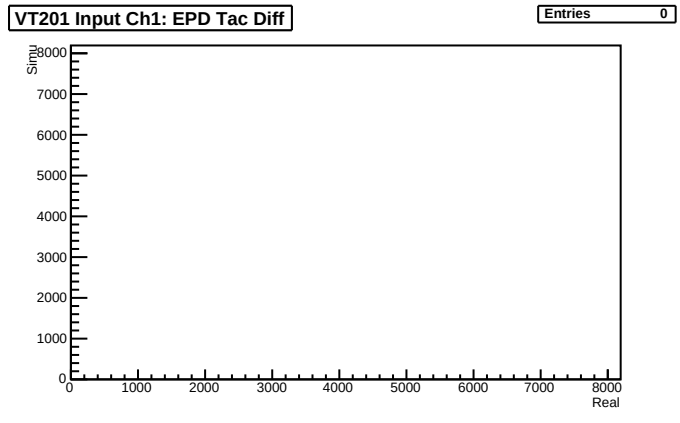

VT201 Input Ch0: BBC Small Tac Diff
Entries 552874
Tac

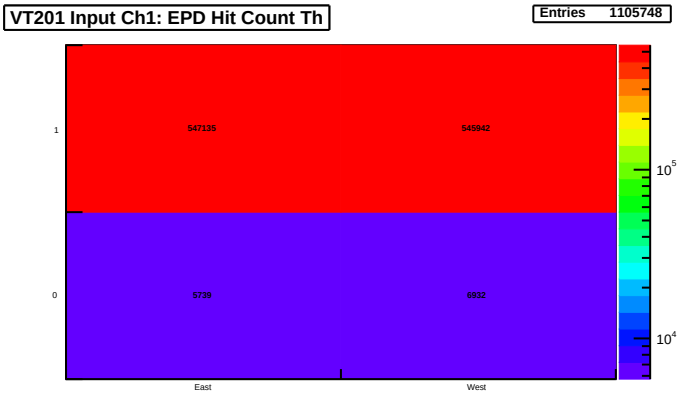

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

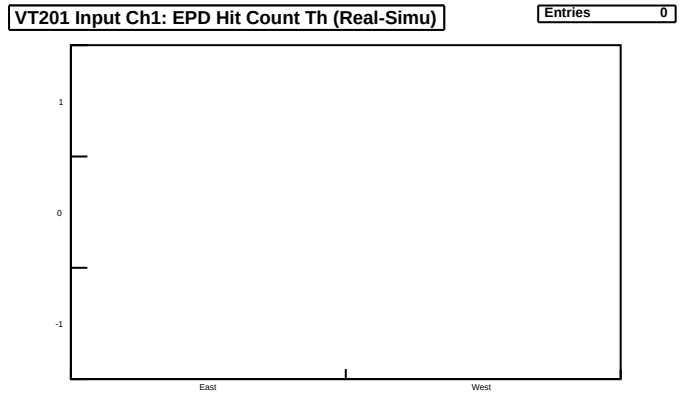

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1105748
346582
487556
206292
65318
East
West

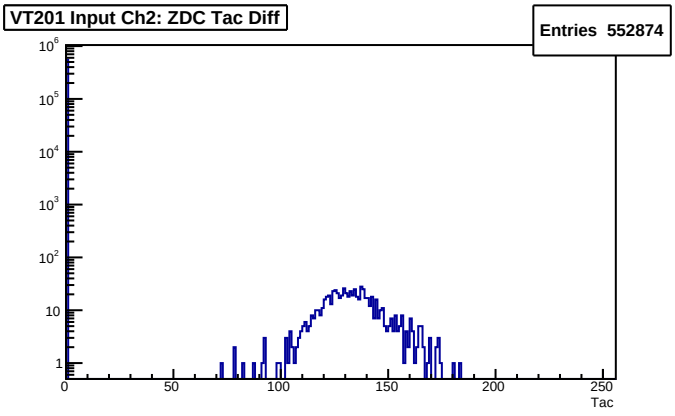

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

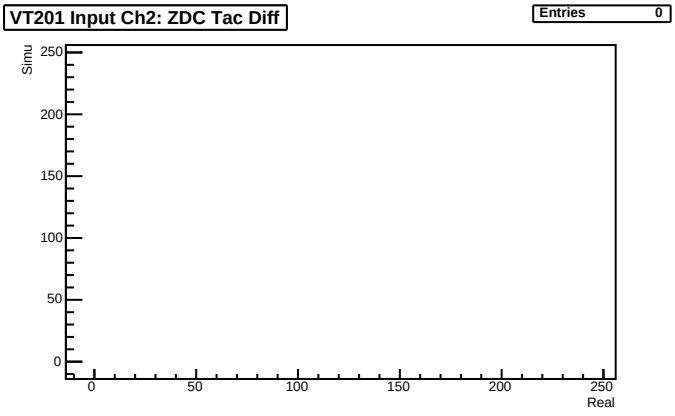

VT201 Input Ch1: EPD Tac Diff
Entries 552874
Tac

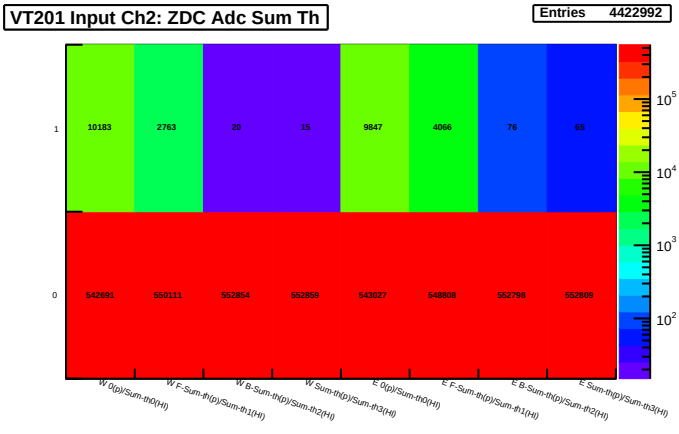

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

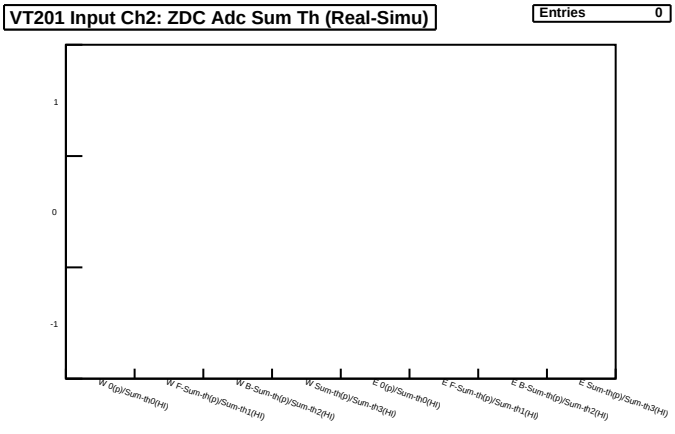

VT201 Input Ch1: EPD Hit Count Th
Entries 1105748
547135
545942
5739
6932
East
West

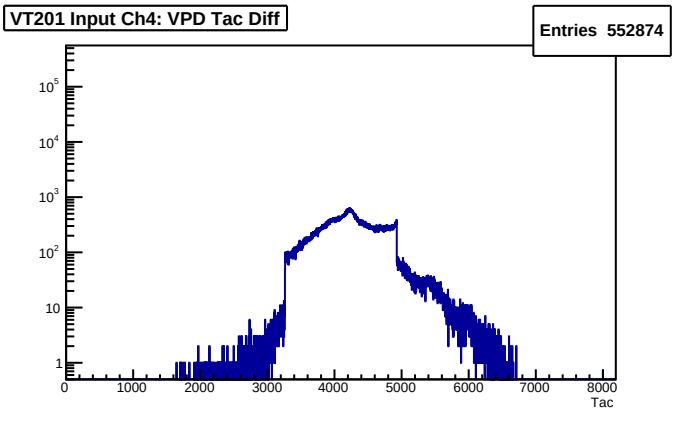

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

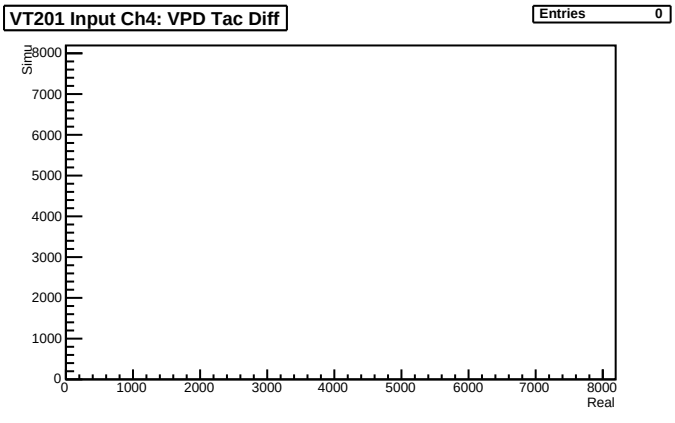

VT201 Input Ch2: ZDC Tac Diff
Entries 552874
Tac

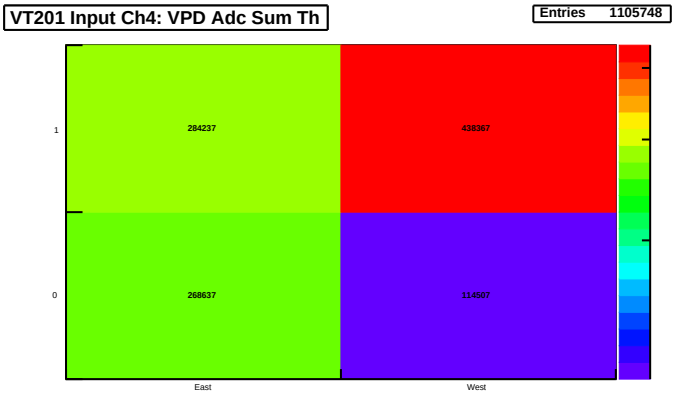

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

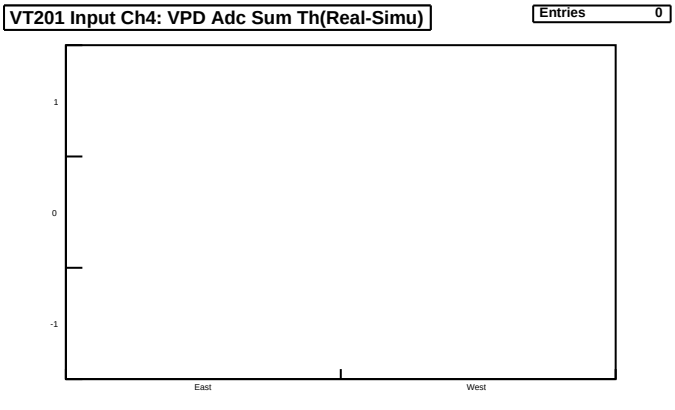

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4422992
10183
2763
20
15
9847
4066
76
65
542691
550111
552854
552859
543027
548808
552798
552809
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

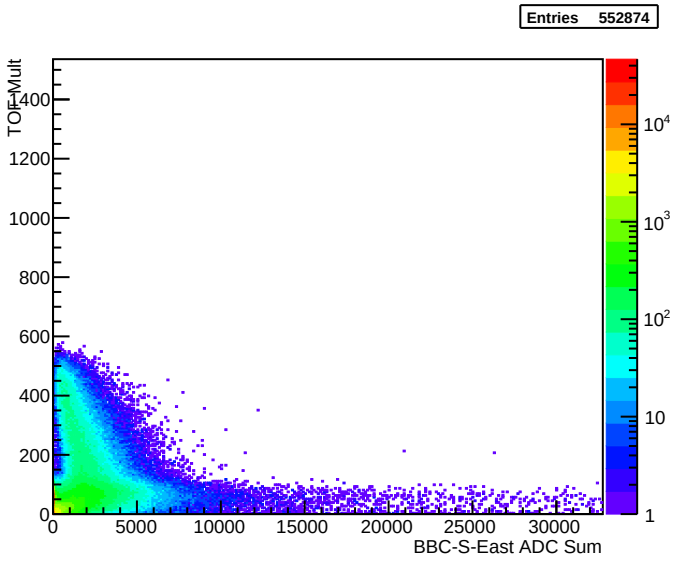

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

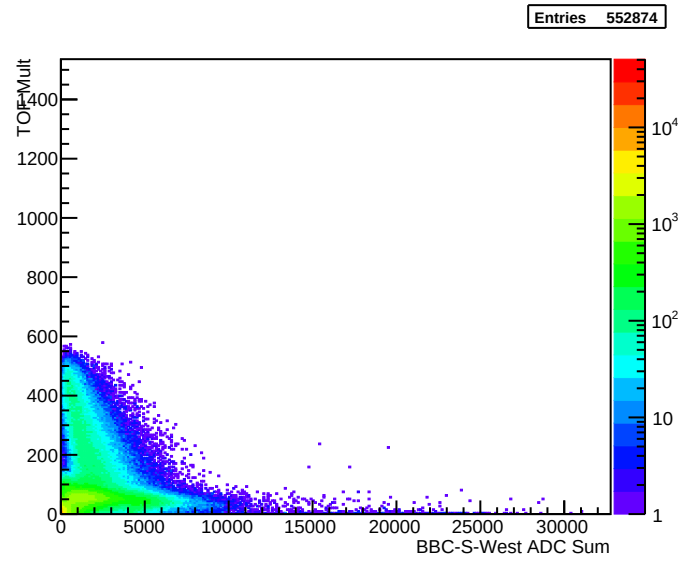

VT201 Input Ch4: VPD Tac Diff
Entries 552874
Tac

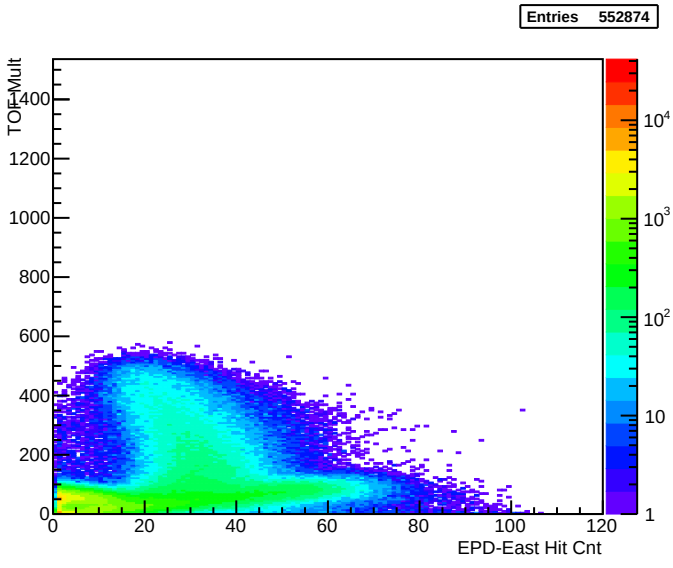

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

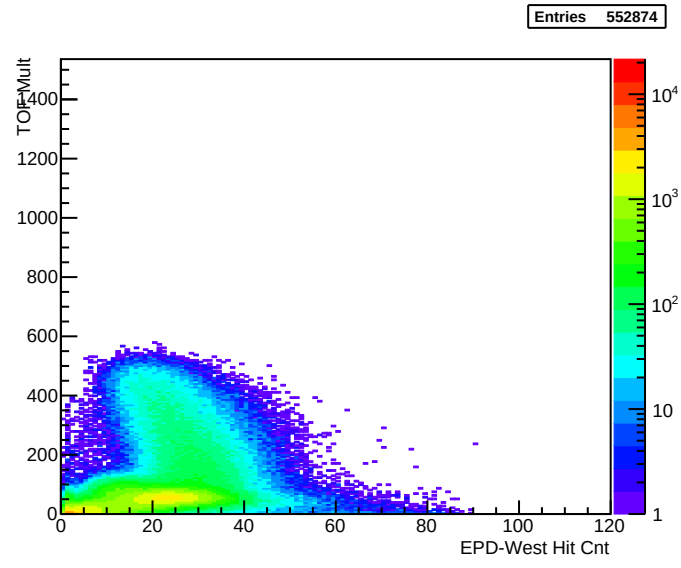

VT201 Input Ch4: VPD Adc Sum Th
Entries 1105748
284237
438367
268637
114507
East
West

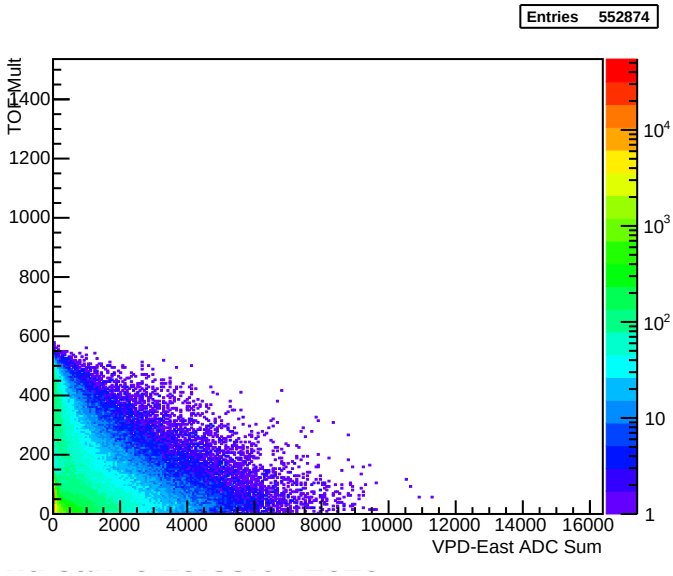

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

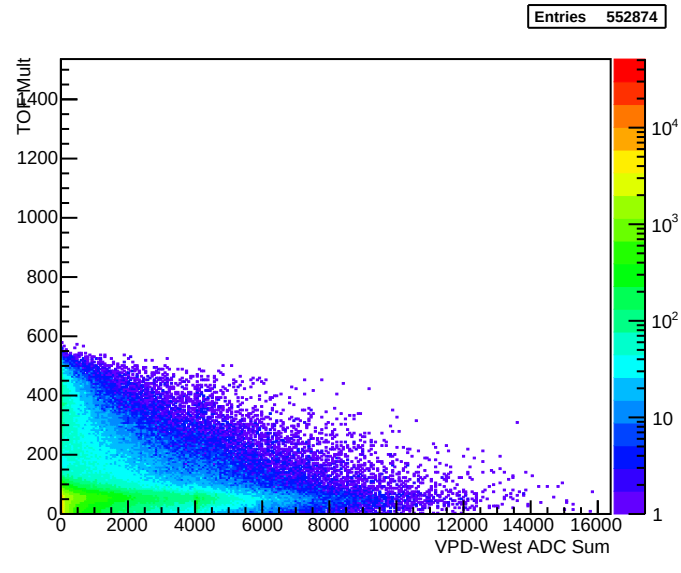

Entries 552874
TOF-Mult
BBC-S-East ADC Sum

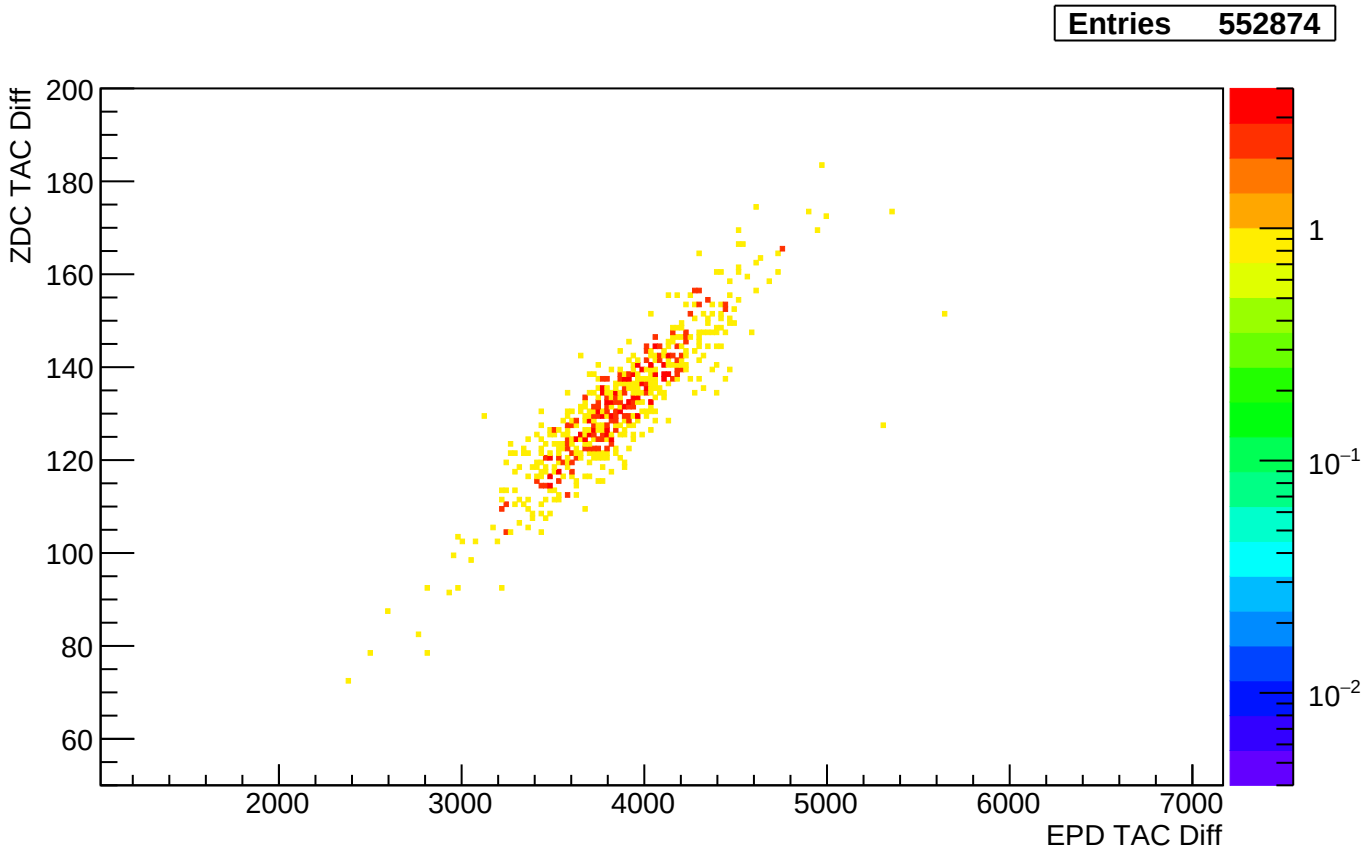

Entries 552874
TOF-Mult
BBC-S-West ADC Sum

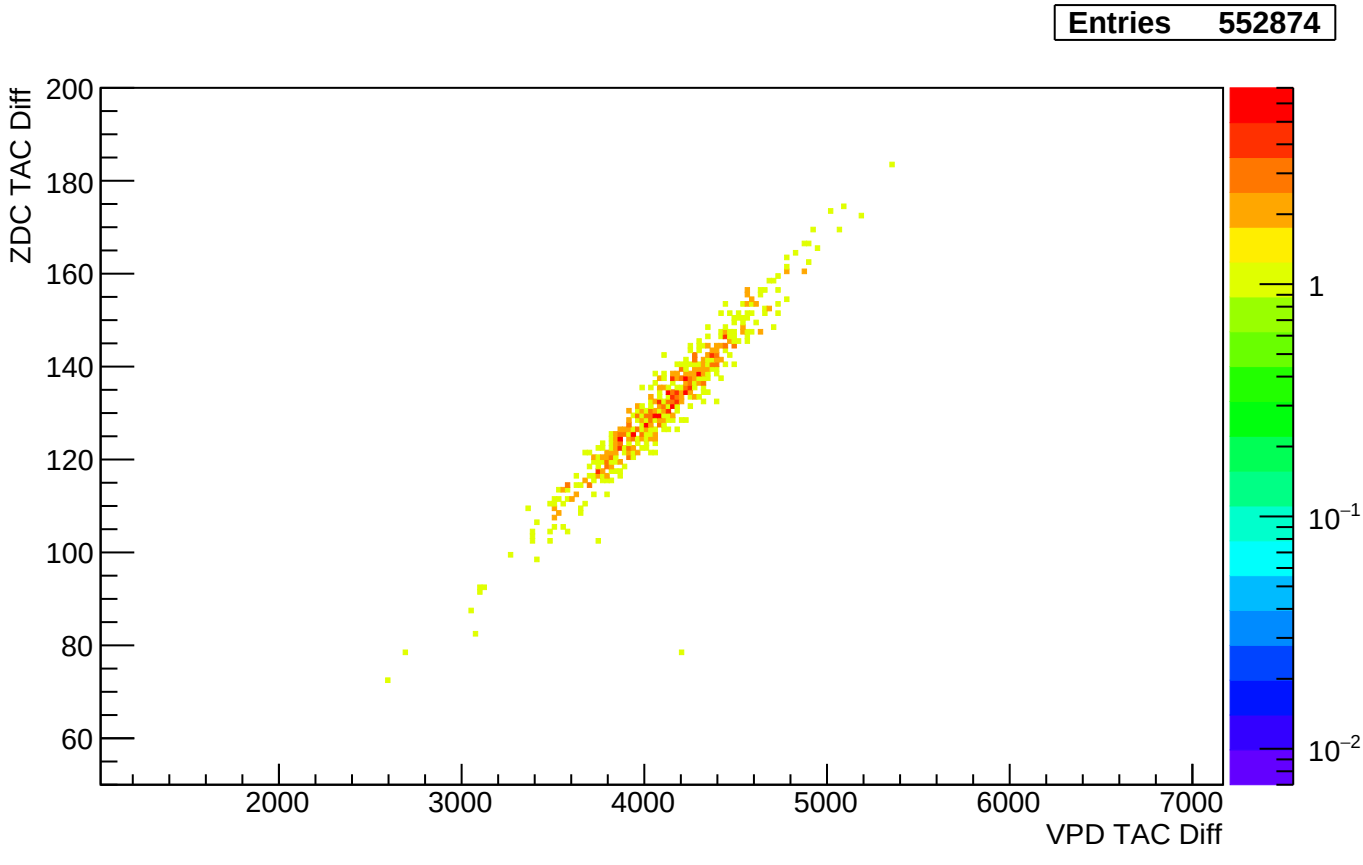

Entries 552874
TOF-Mult
EPD-East Hit Cnt

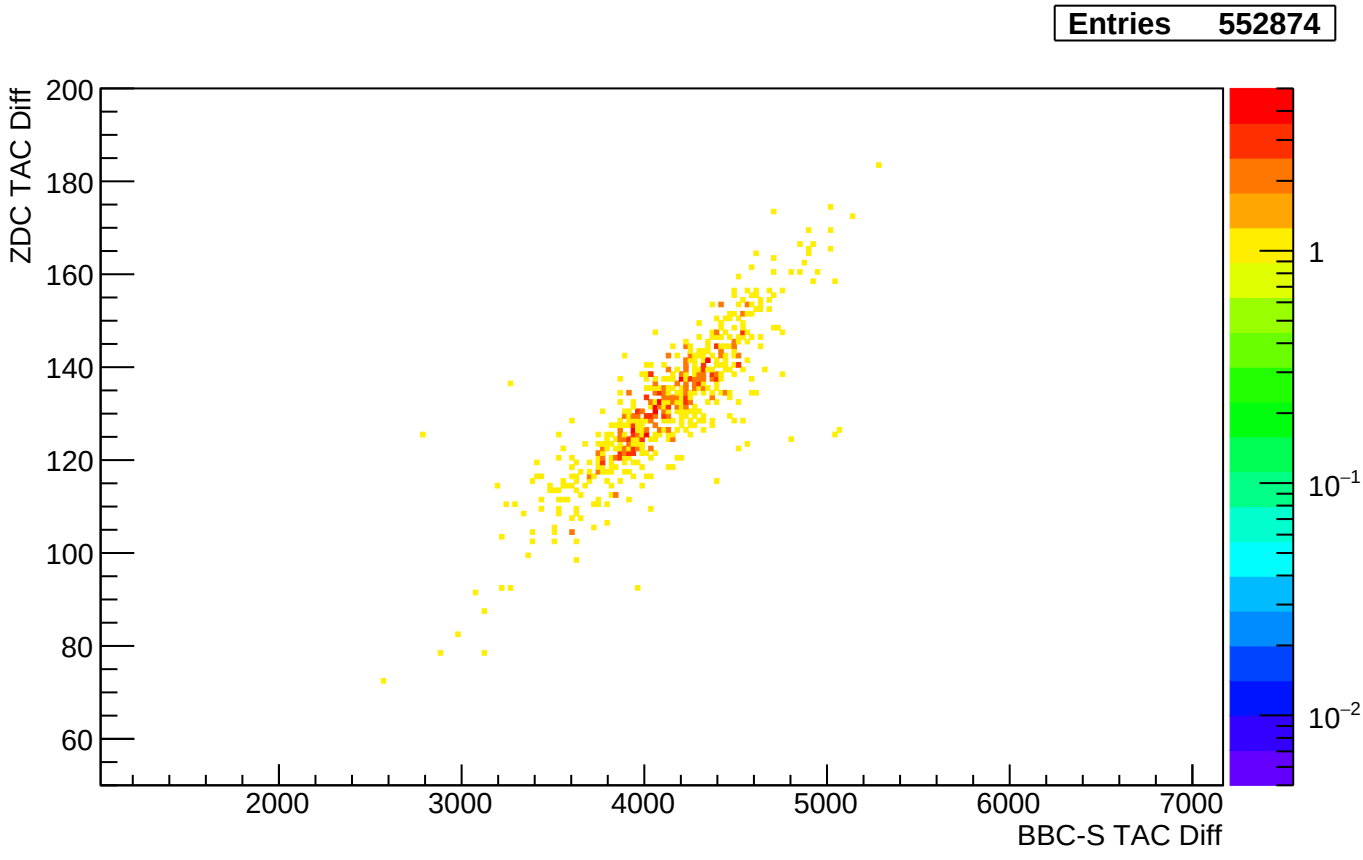

Entries 552874
TOF-Mult
EPD-West Hit Cnt

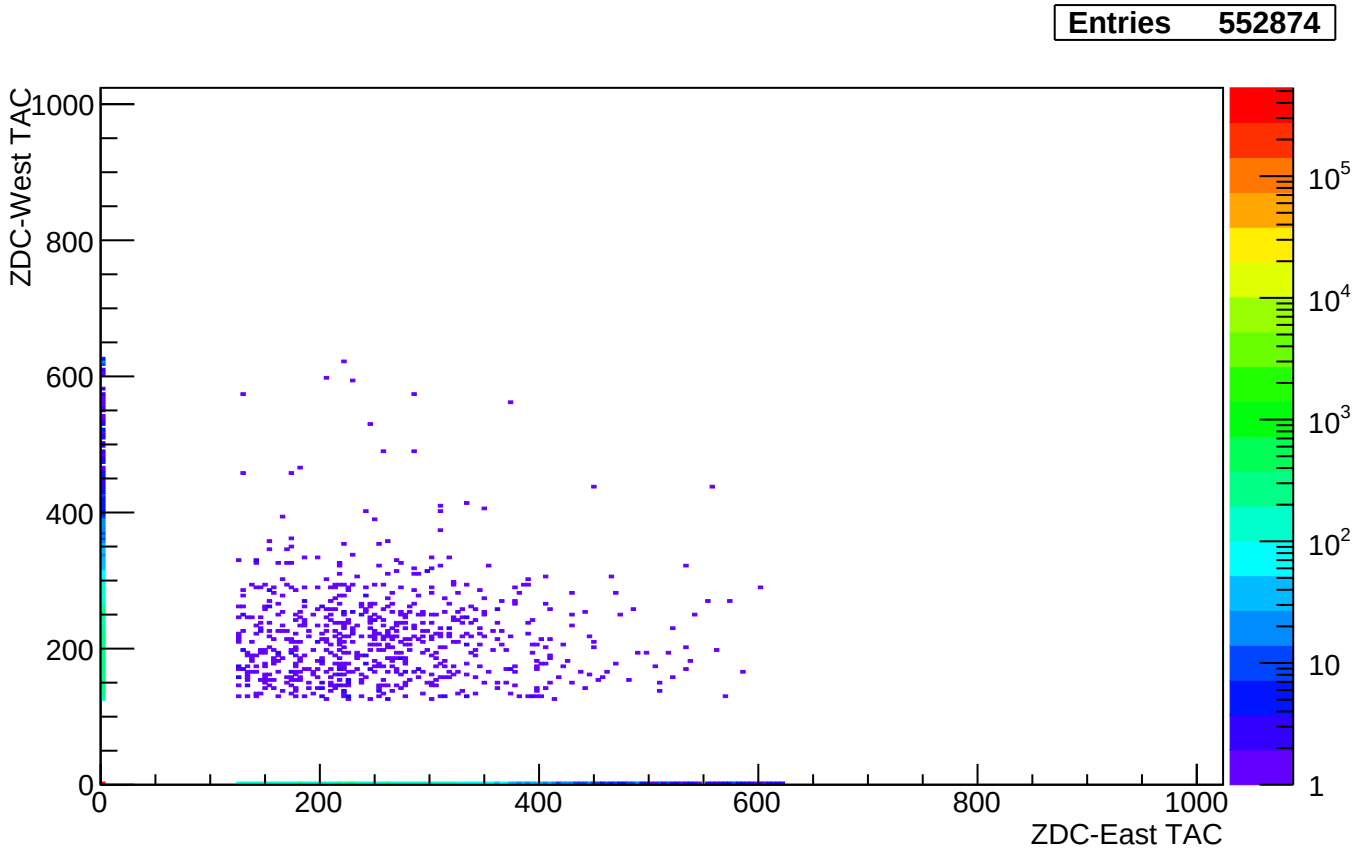

Entries 552874
TOF-Mult
VPD-East ADC Sum

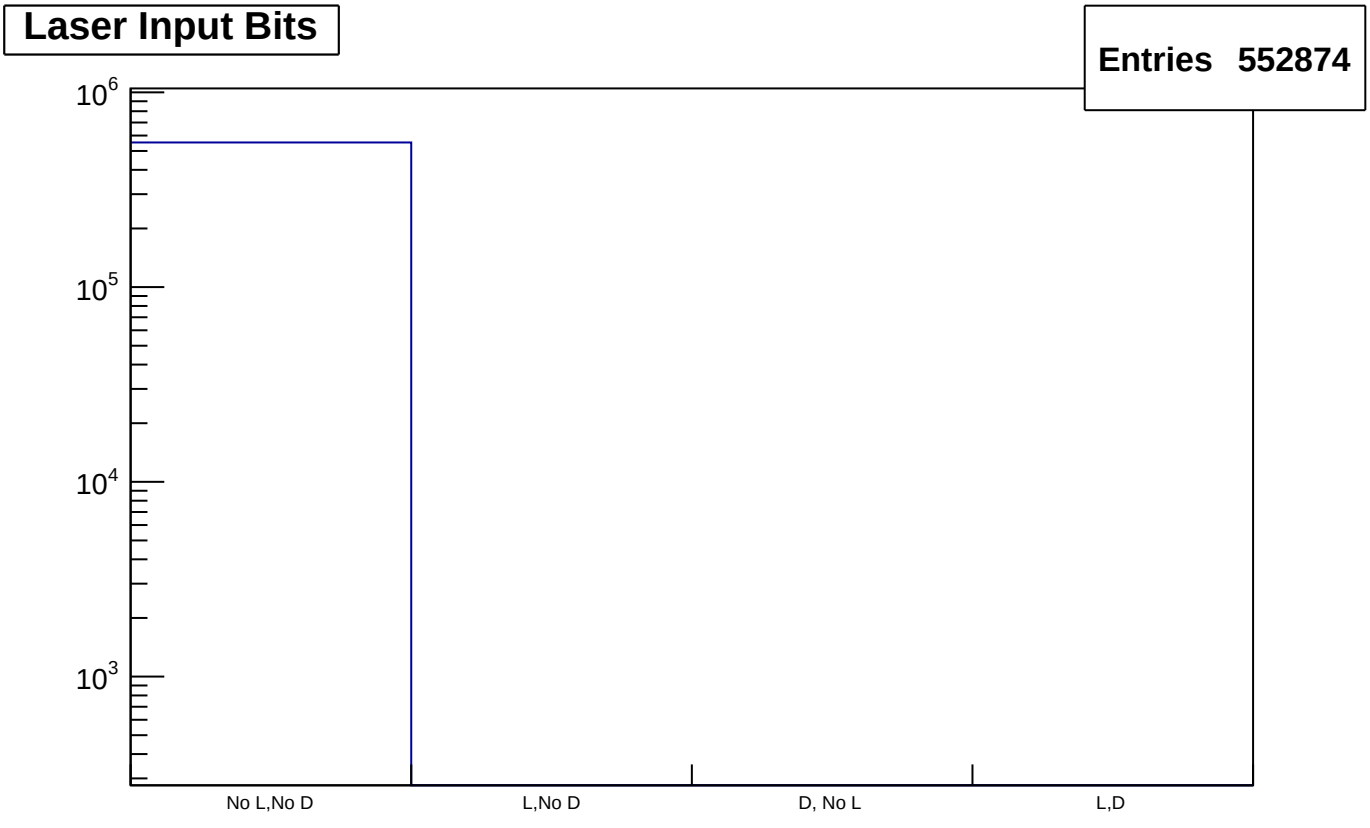

Entries 552874
TOF-Mult
VPD-West ADC Sum

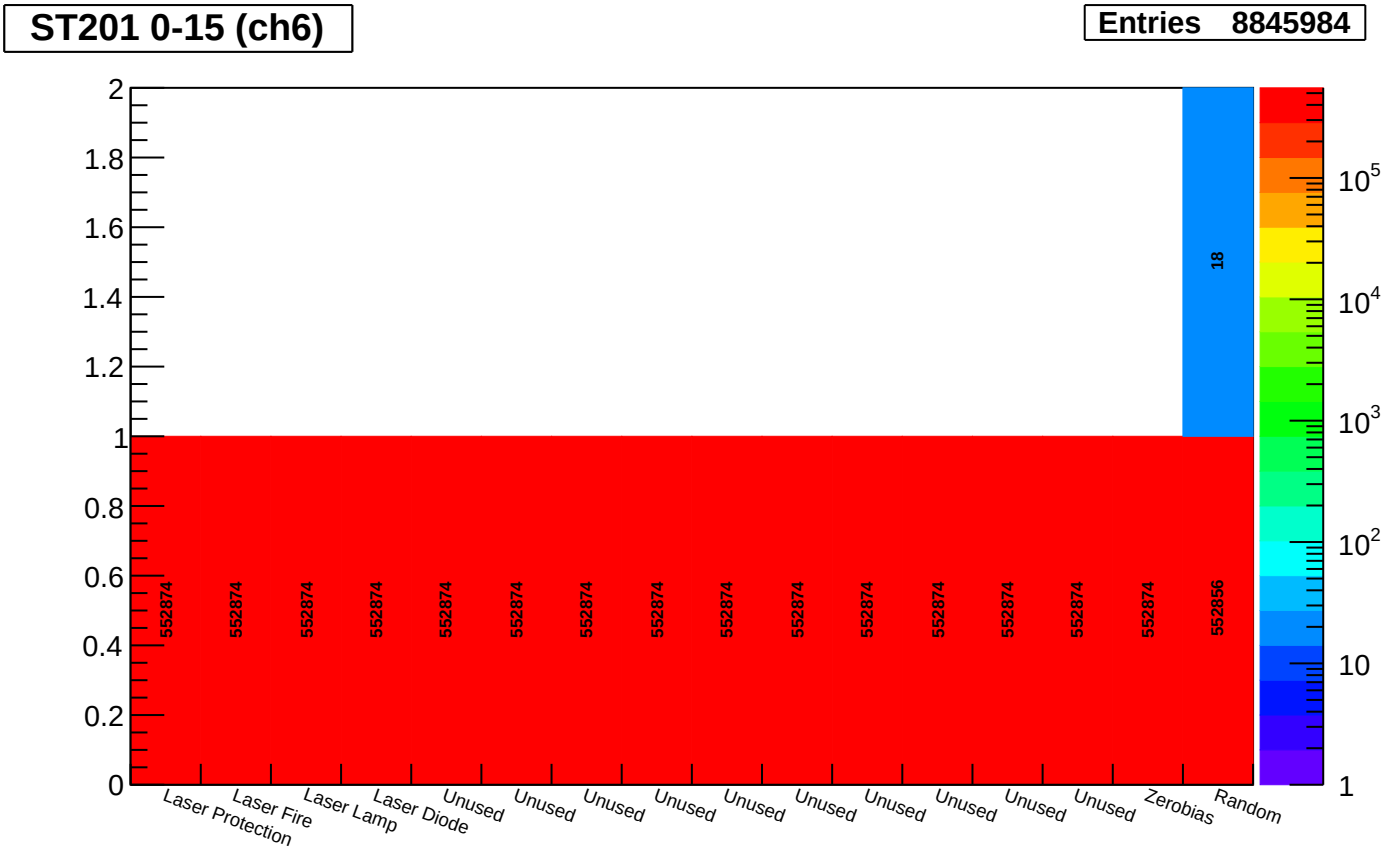

Entries 552874
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

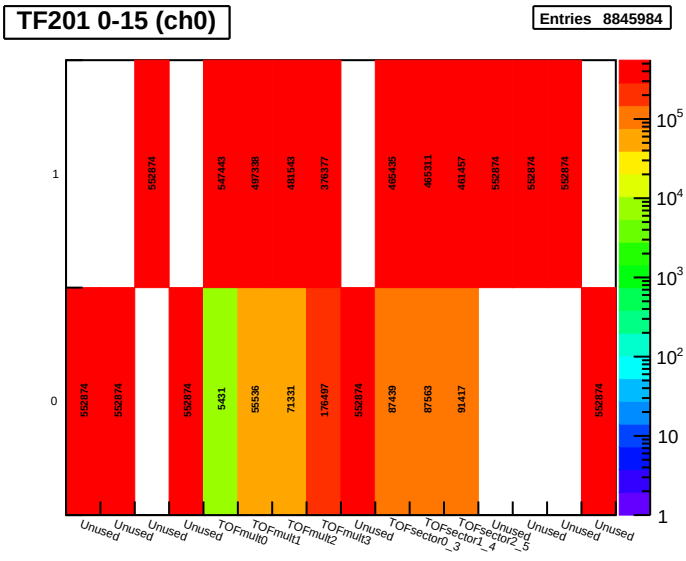

Entries 552874
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

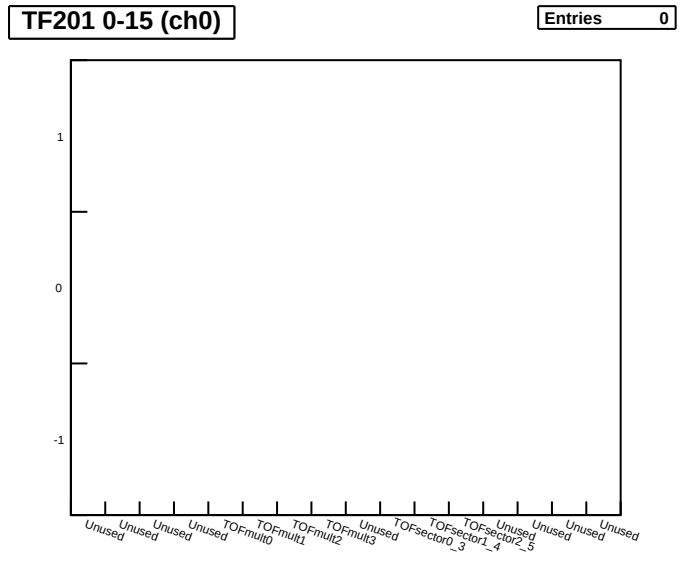

Entries 552874
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

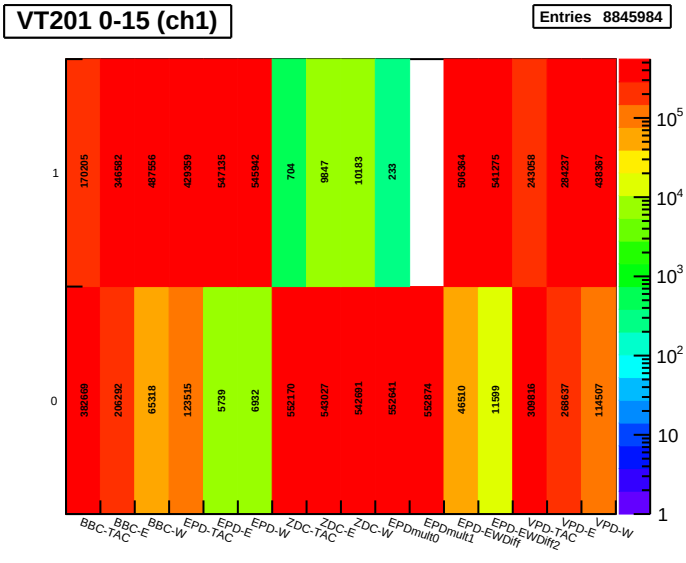

Entries 552874
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

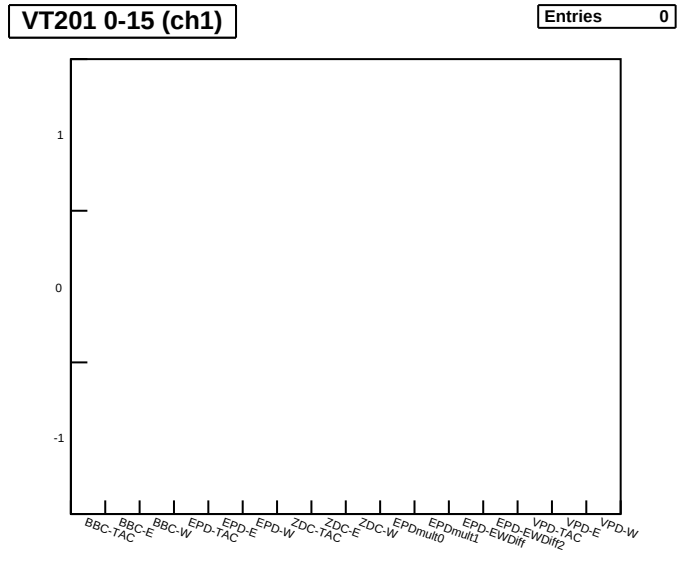

Laser Input Bits
Entries 552874
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

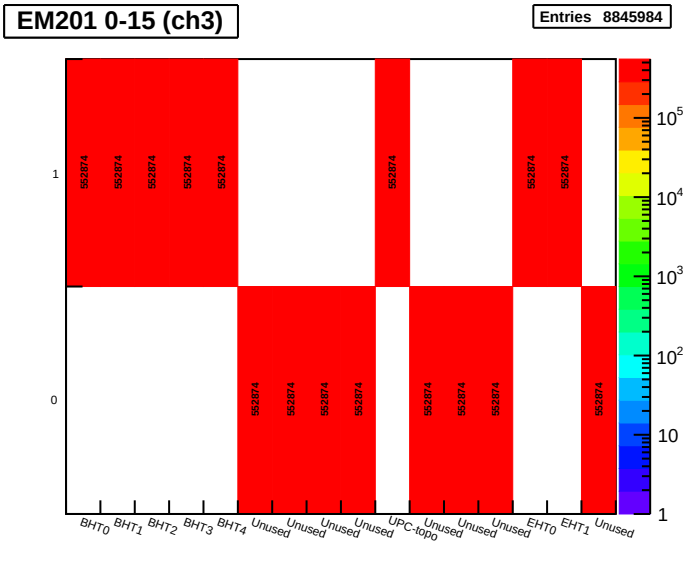

ST201 0-15 (ch6)
Entries 8845984
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
18
552874
552856
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

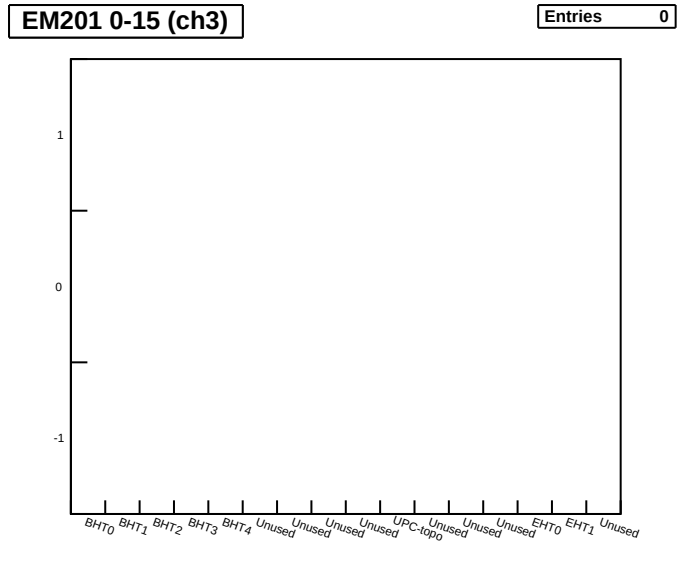

TF201 0-15 (ch0)
Entries 8845984
1
0
552874 547443 497338 481543 376377 465435 465311 461457 552874 552874 552874
552874 552874 552874 5431 55536 71331 176497 552874 87439 87563 91417 552874
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 8845984
1
0
170205 346582 487556 429359 547135 545942 704 9847 10183 233 506354 541275 243058 284237 438367
382669 206292 65318 123515 5739 6932 552170 543027 542691 552641 552874 46510 11599 309816 288637 114507
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 8845984
1
0
552874 552874 552874 552874 552874 552874 552874 552874
552874 552874 552874 552874 552874 552874 552874 552874
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