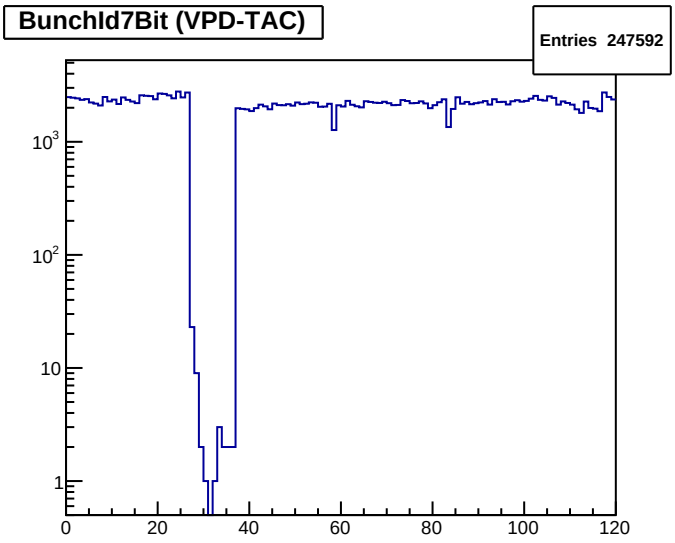
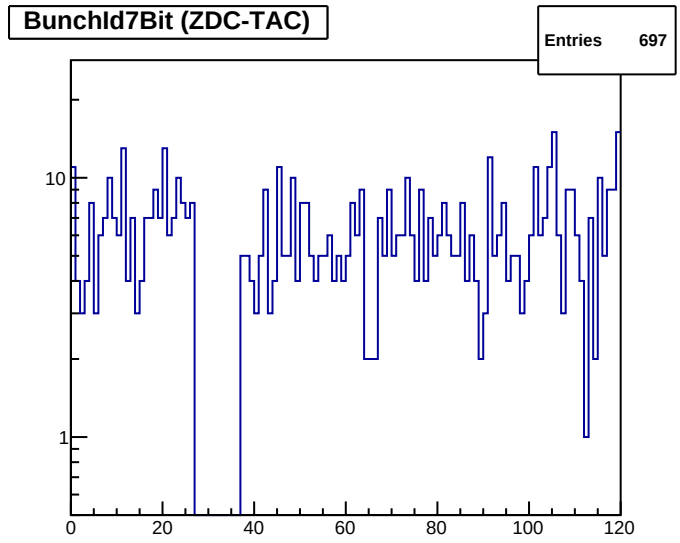
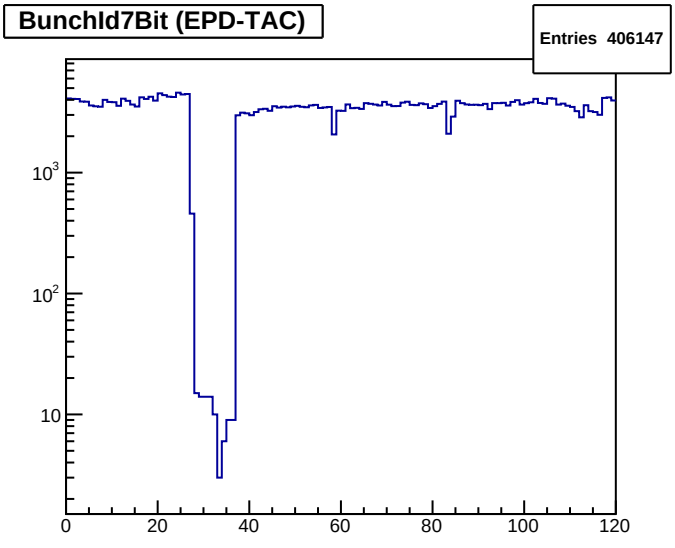
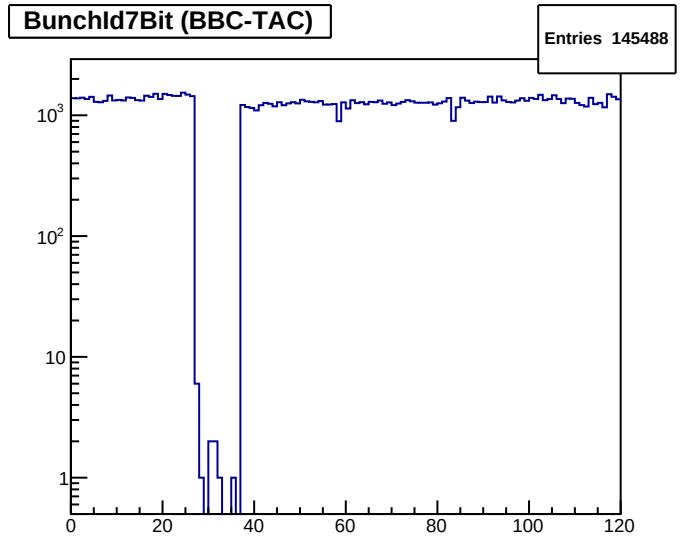
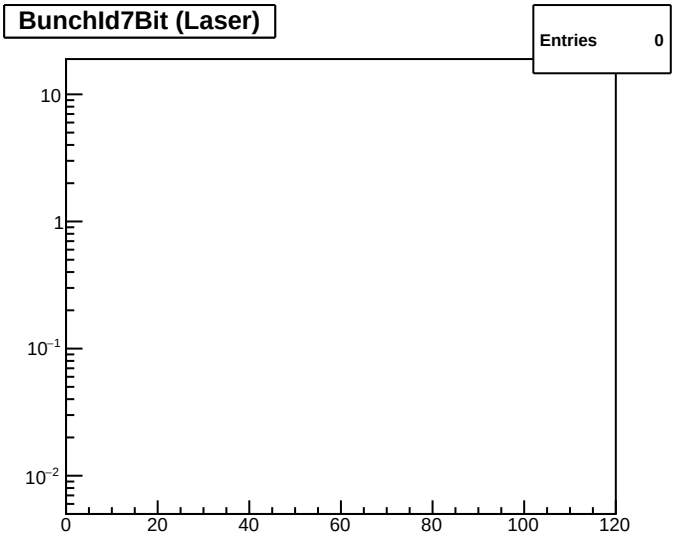
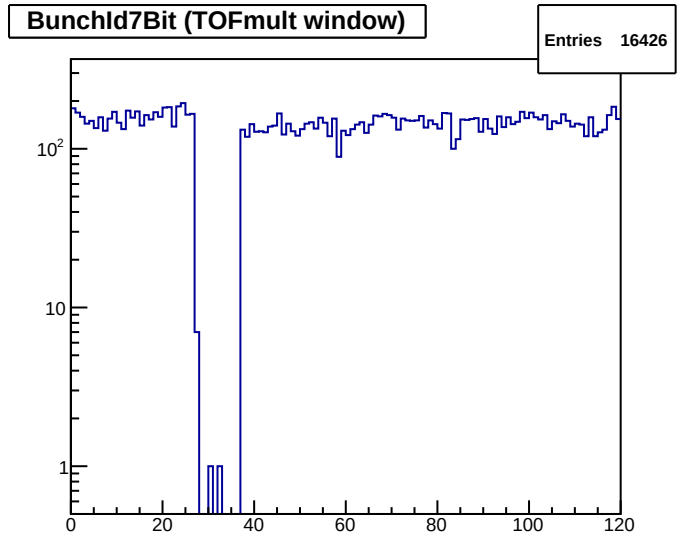

BunchId7Bit (VPD-TAC)
Entries 247592

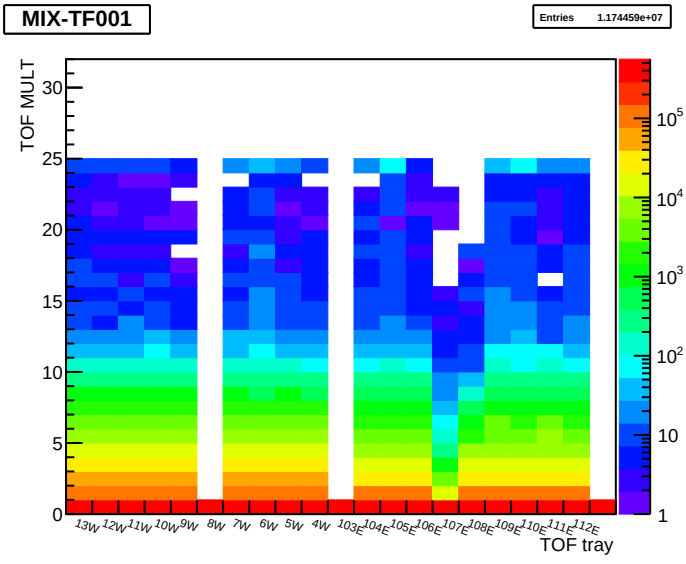

BunchId7Bit (ZDC-TAC)
Entries 697

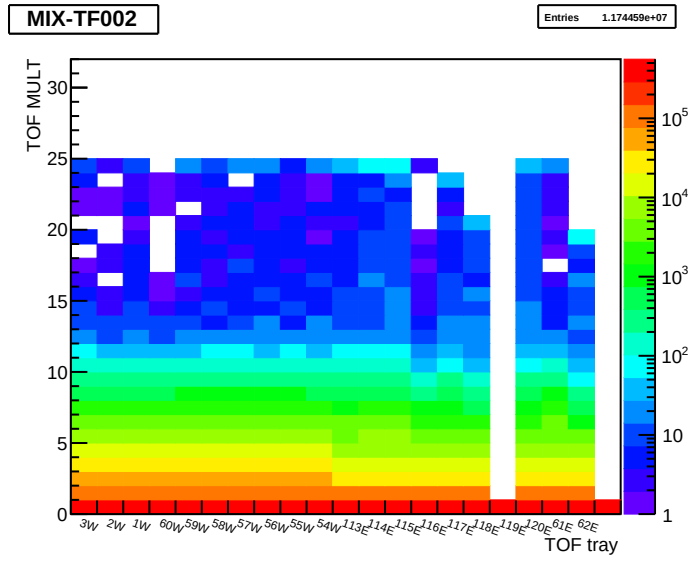

BunchId7Bit (EPD-TAC)
Entries 406147

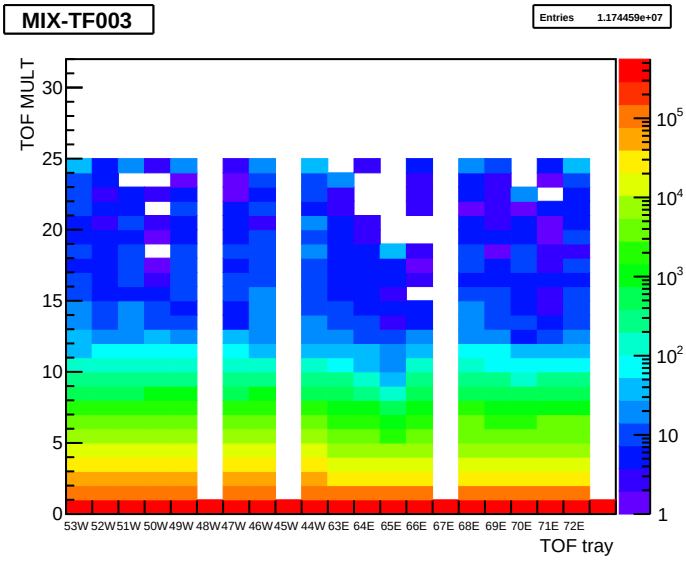

BunchId7Bit (BBC-TAC)
Entries 145488

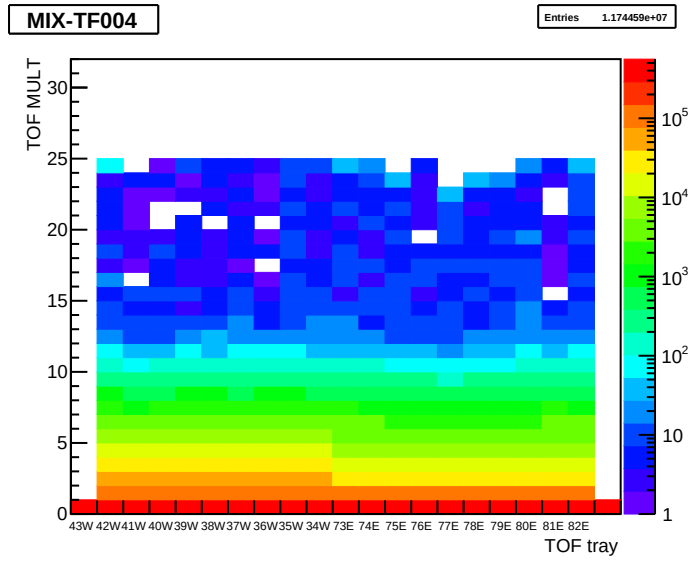

BunchId7Bit (Laser)
Entries 0

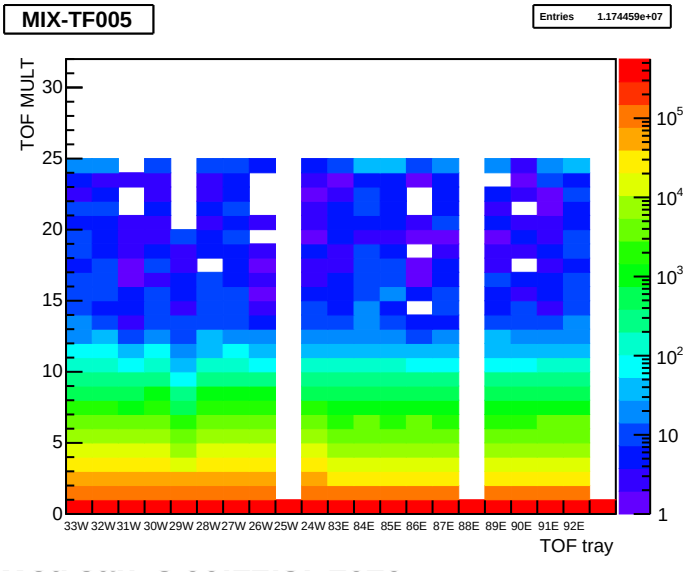

BunchId7Bit (TOFmult window)
Entries 16426

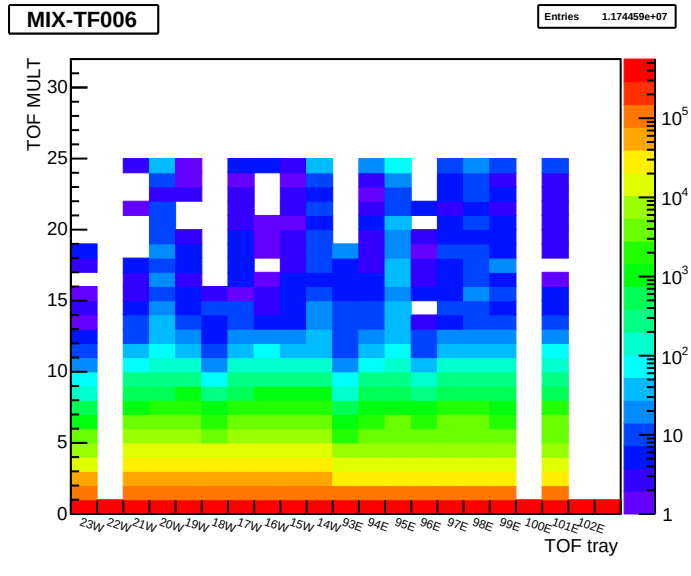

MIX-TF001
Entries 1.174459e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

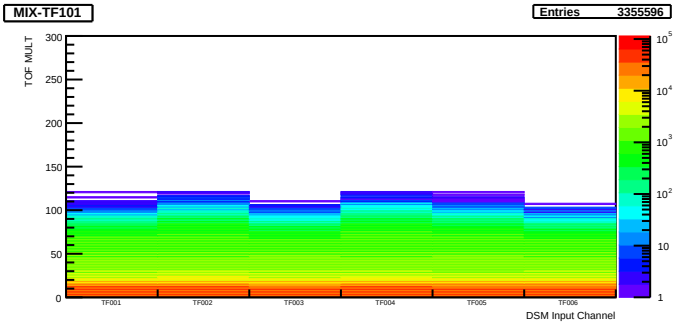

MIX-TF002
Entries 1.174459e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

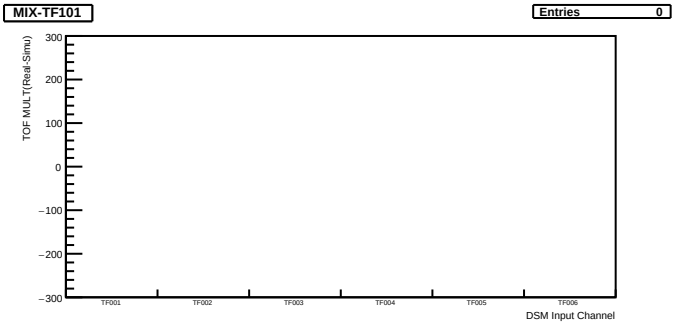

MIX-TF003
Entries 1.174459e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

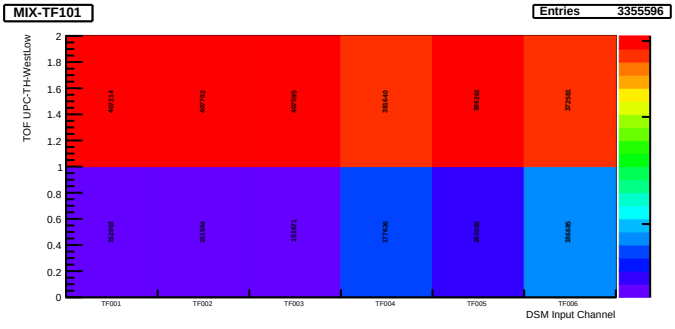

MIX-TF004
Entries 1.174459e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

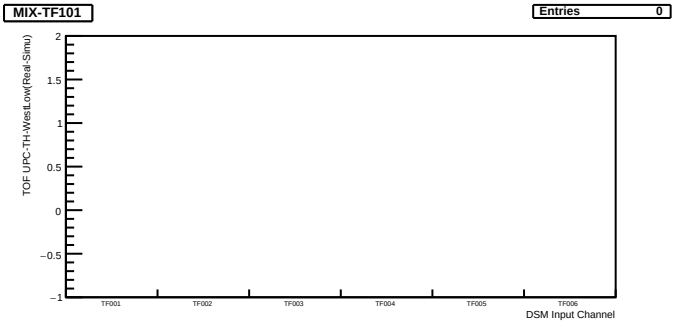

MIX-TF005
Entries 1.174459e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

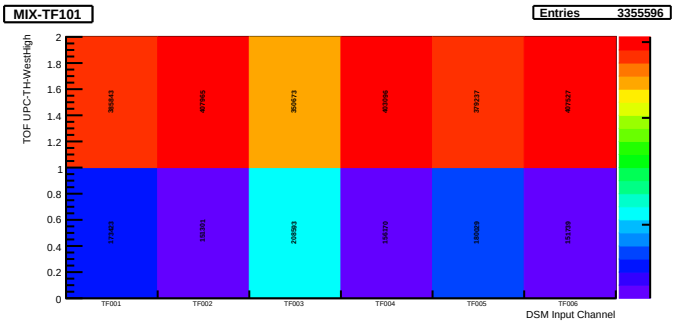

MIX-TF006
Entries 1.174459e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

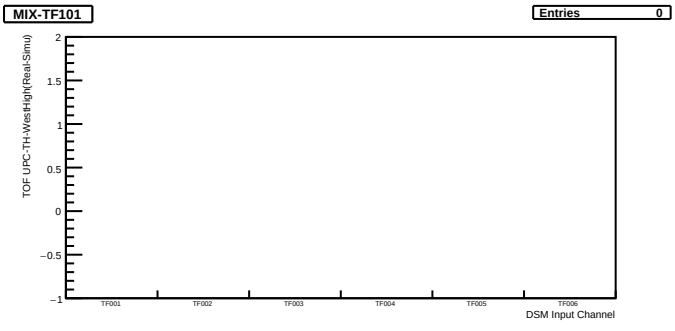

MIX-TF101
Entries 3355596
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

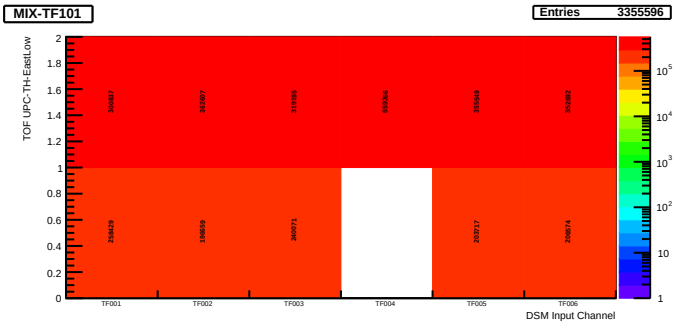

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

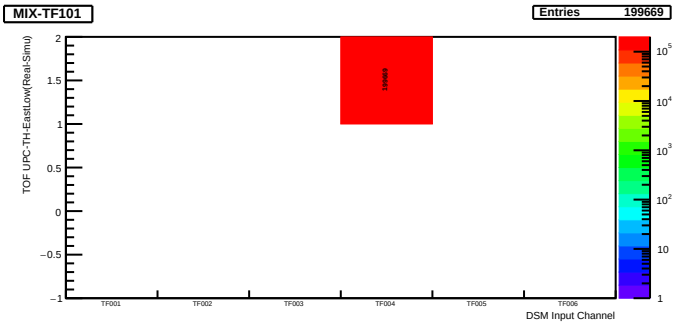

MIX-TF101
Entries 3355596
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

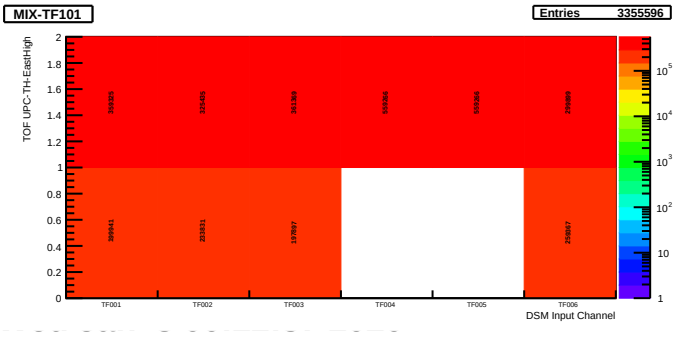

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

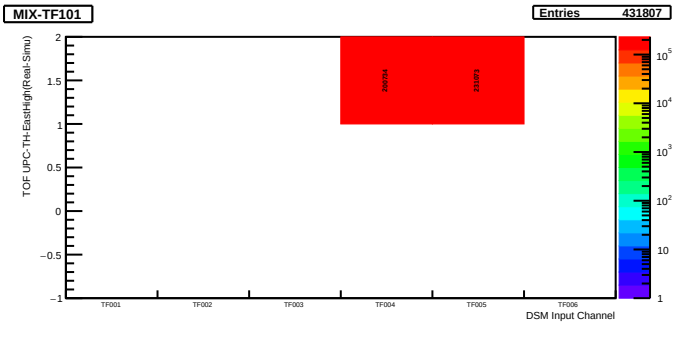

MIX-TF101
Entries 3355596
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

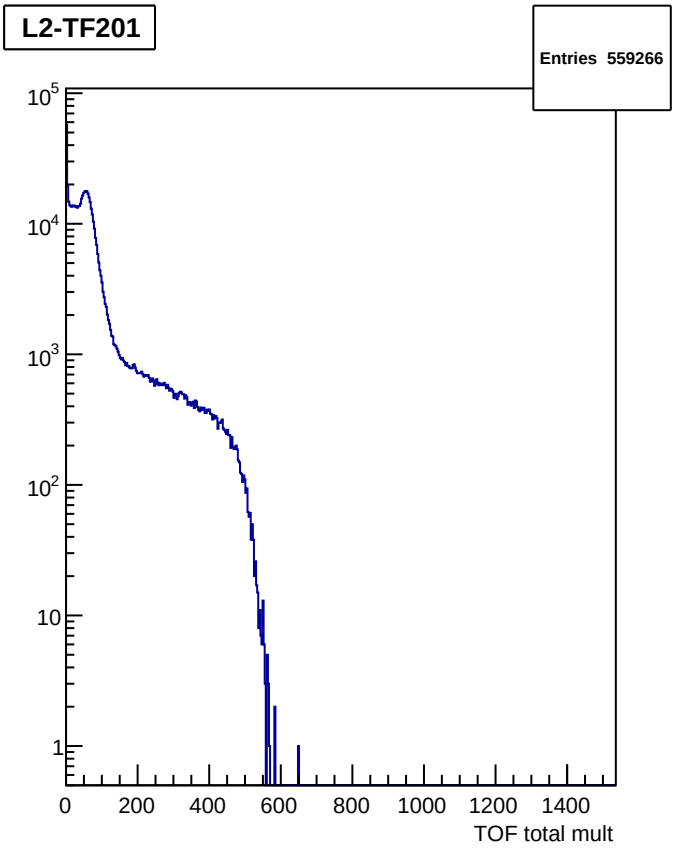

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

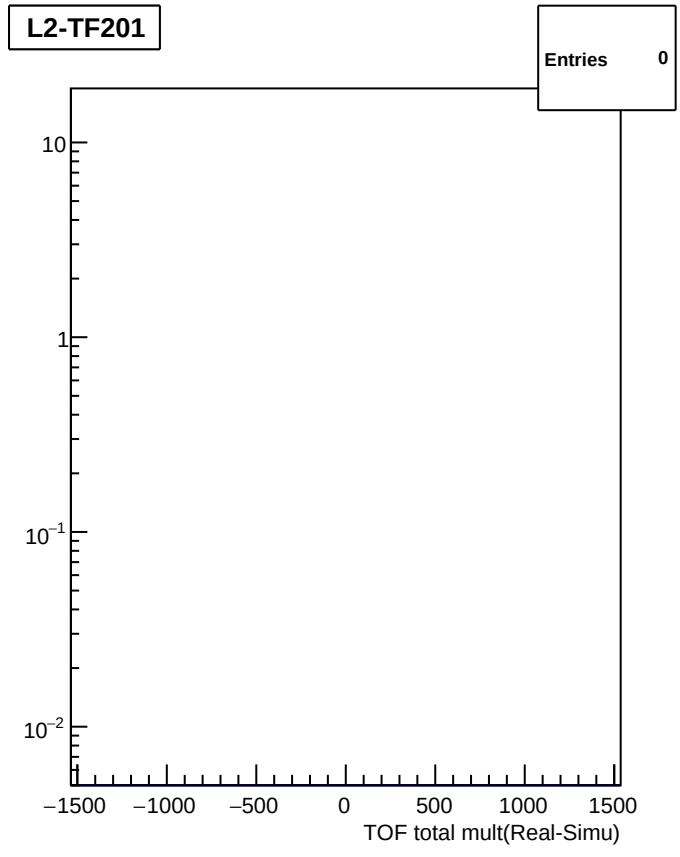

MIX-TF101
Entries 3355596
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

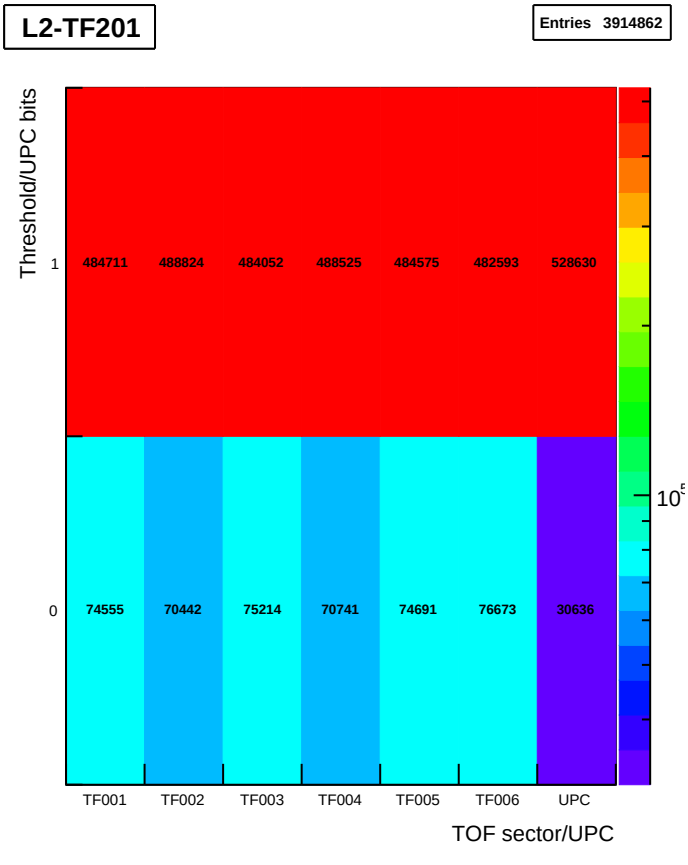

MIX-TF101
Entries 199669
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

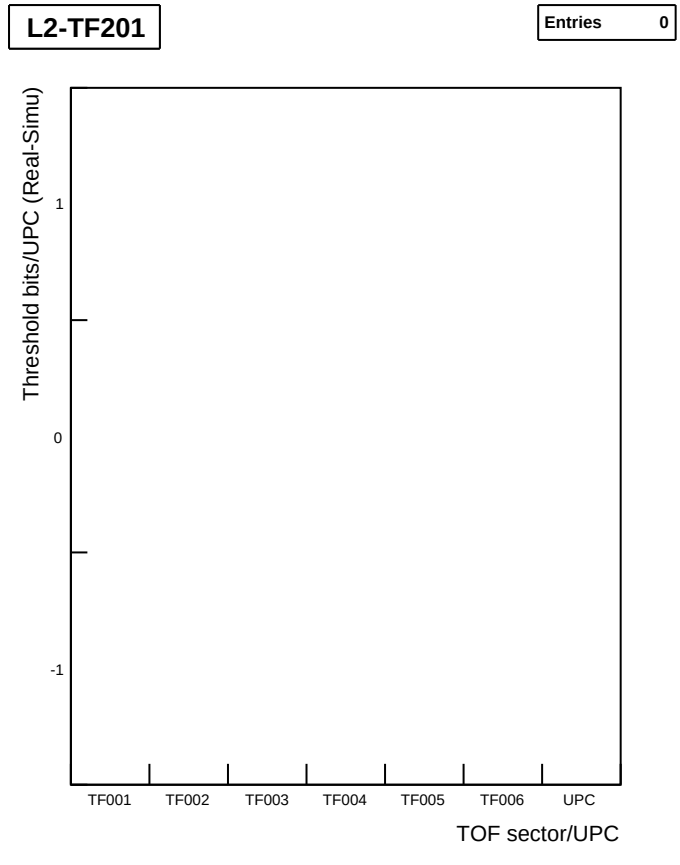

MIX-TF101
Entries 3355596
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

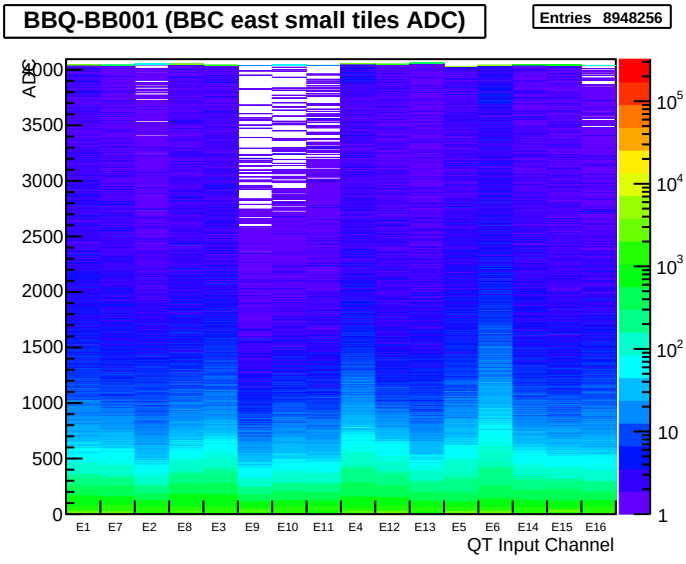

MIX-TF101
Entries 431807
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

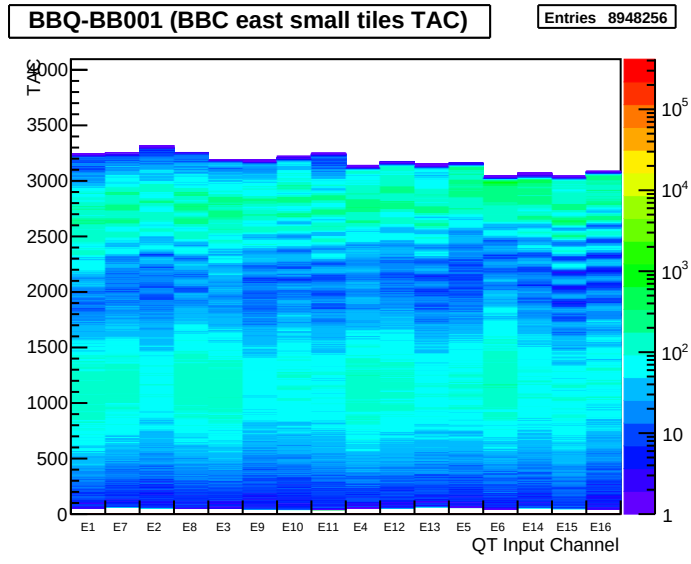

L2-TF201
Entries 559266
TOF total mult

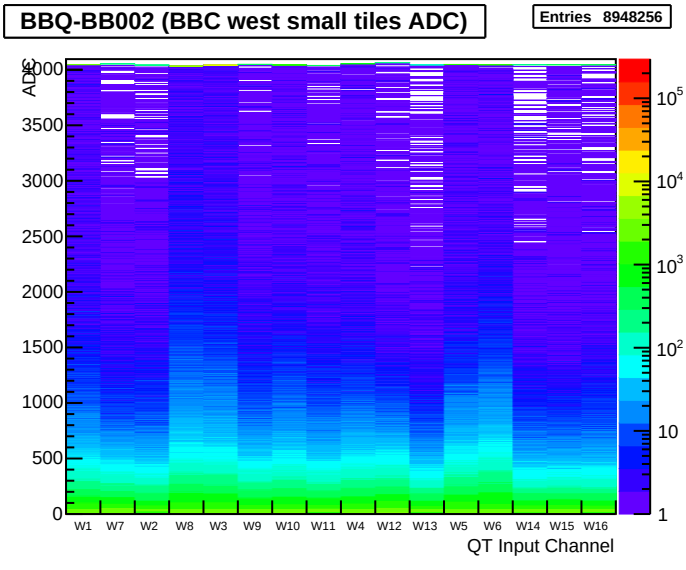

L2-TF201
Entries 0
TOF total mult(Real-Simu)

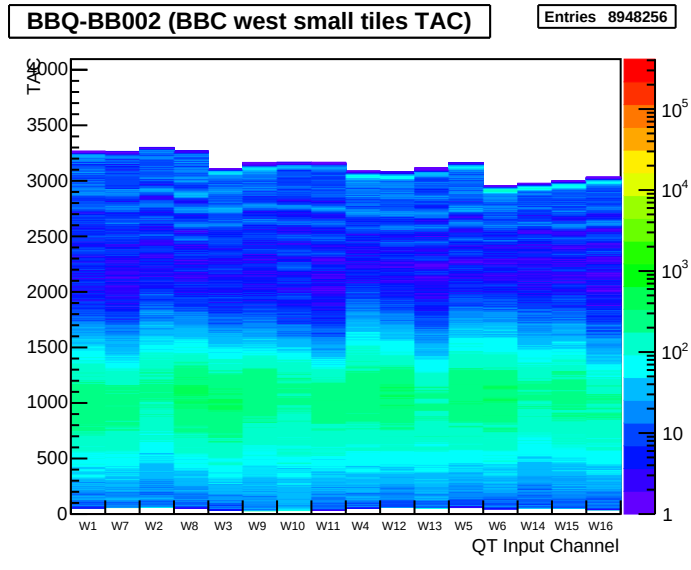

L2-TF201
Entries 3914862
Threshold/UPC bits
484711 488824 484052 488525 484575 482593 528630
74555 70442 75214 70741 74691 76673 30636
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

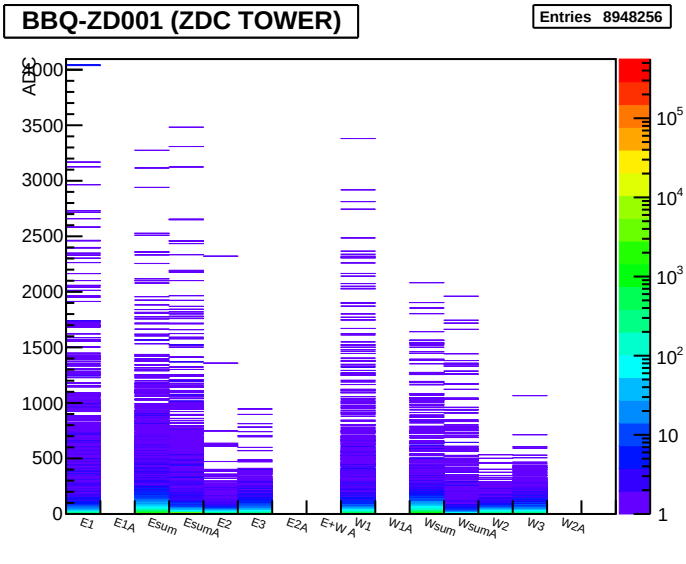

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

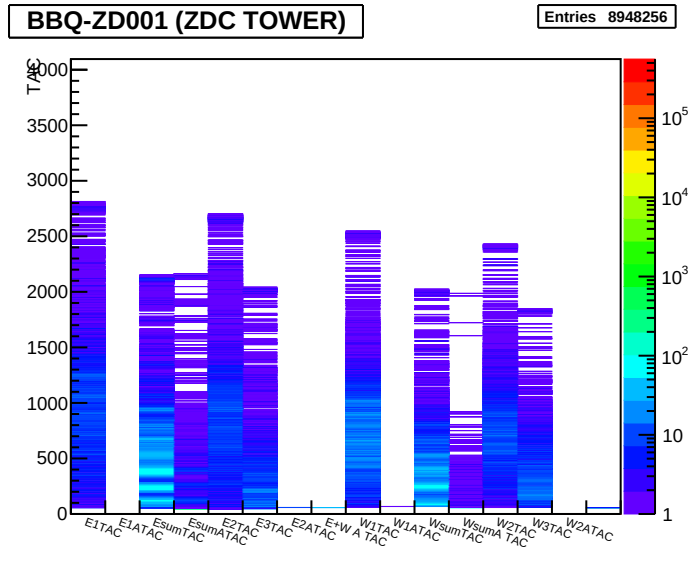

BBQ-BB001 (BBC east small tiles ADC)
Entries 8948256
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

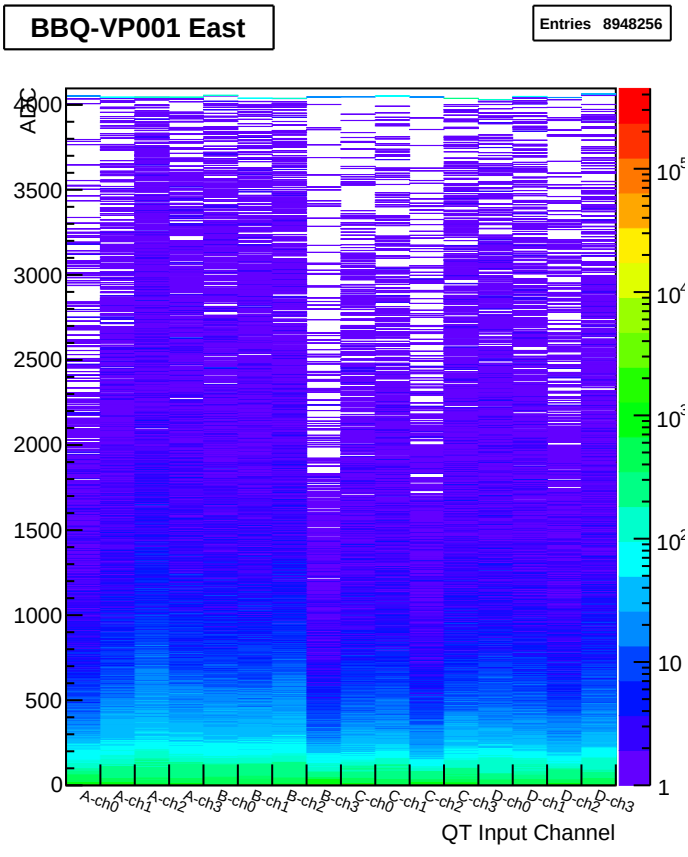

BBQ-BB001 (BBC east small tiles TAC)
Entries 8948256
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

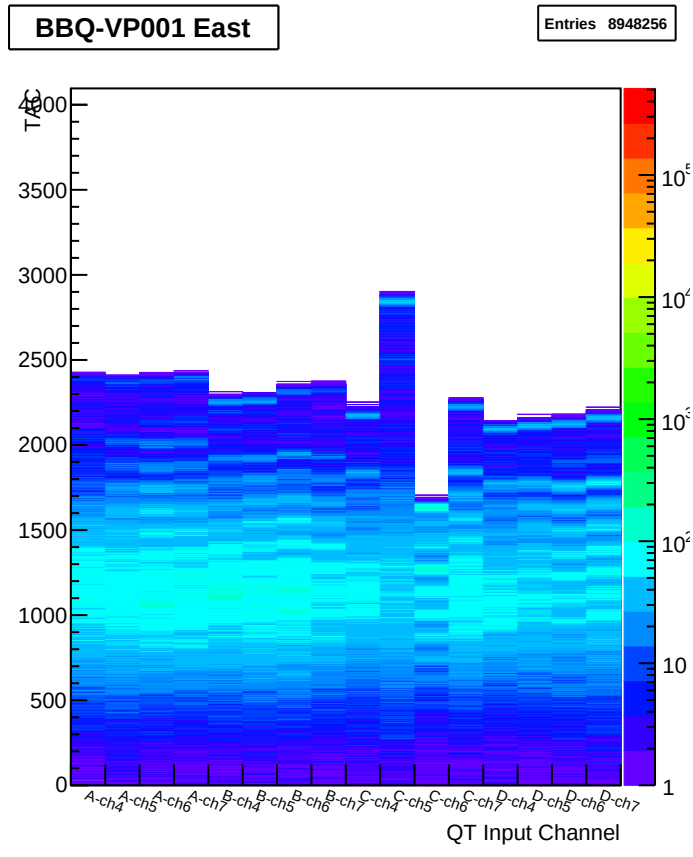

BBQ-BB002 (BBC west small tiles ADC)
Entries 8948256
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

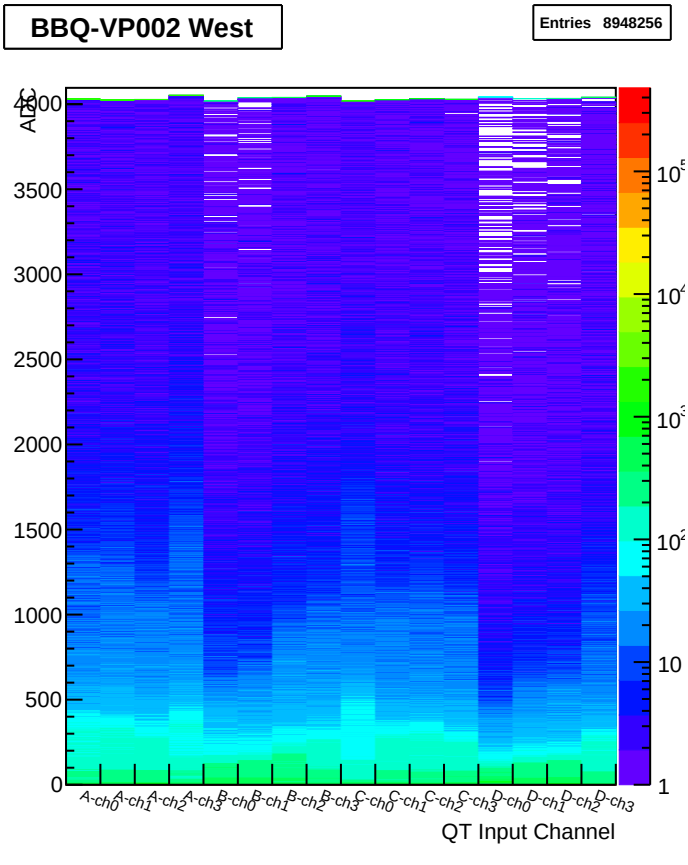

BBQ-BB002 (BBC west small tiles TAC)
Entries 8948256
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

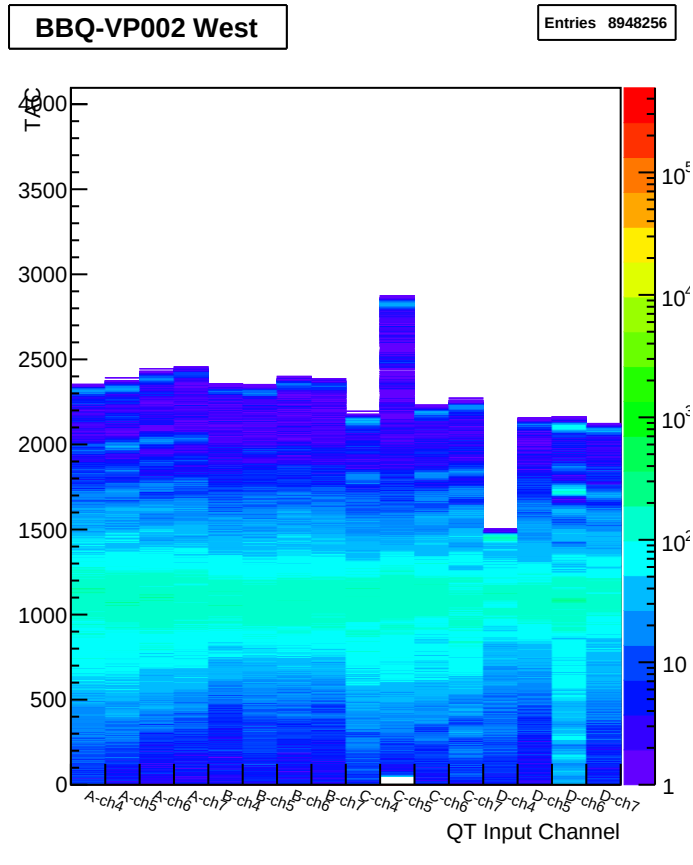

BBQ-ZD001 (ZDC TOWER)
Entries 8948256
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

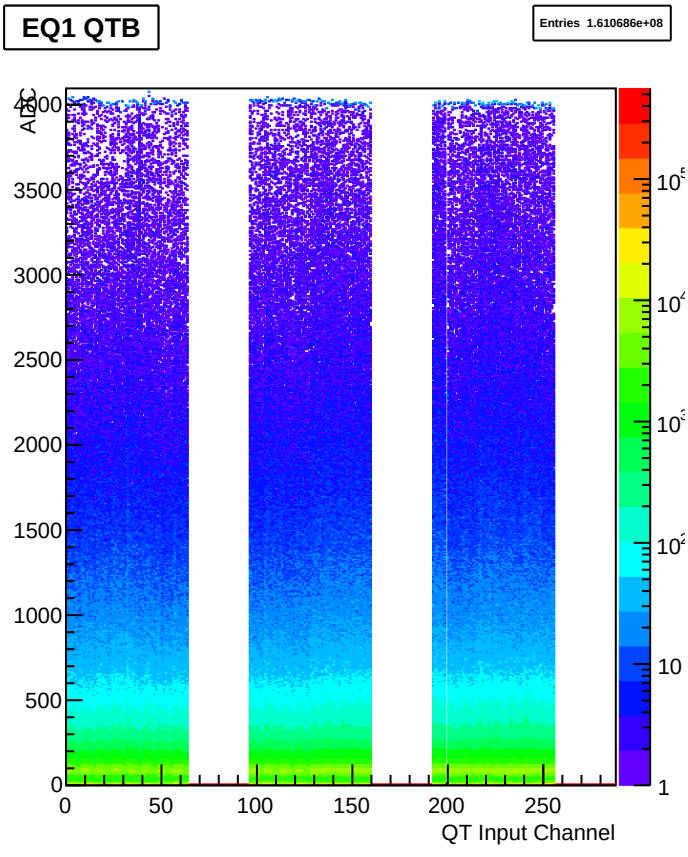

BBQ-ZD001 (ZDC TOWER)
Entries 8948256
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

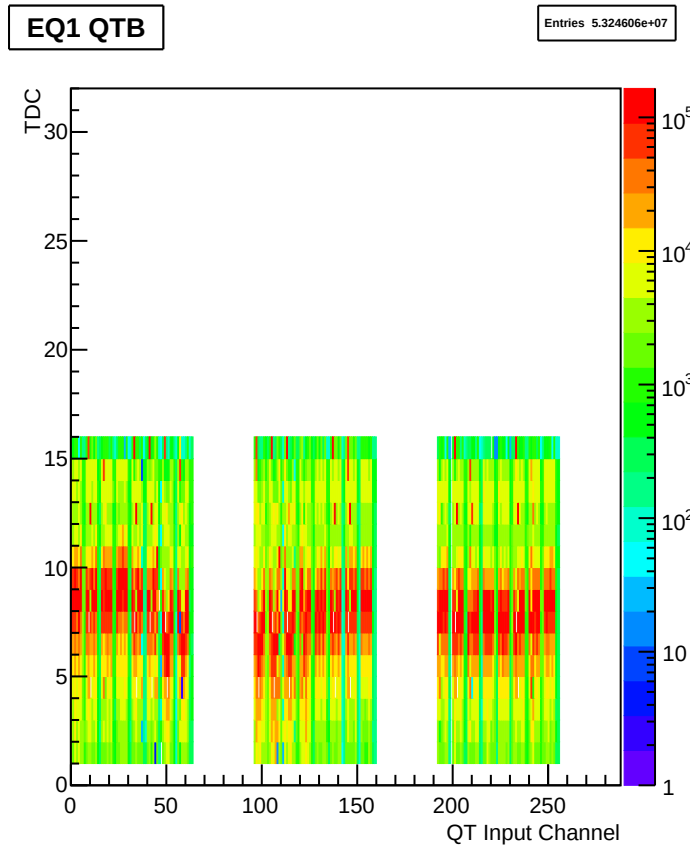

BBQ-VP001 East
Entries 8948256
ADC
QT Input Channel

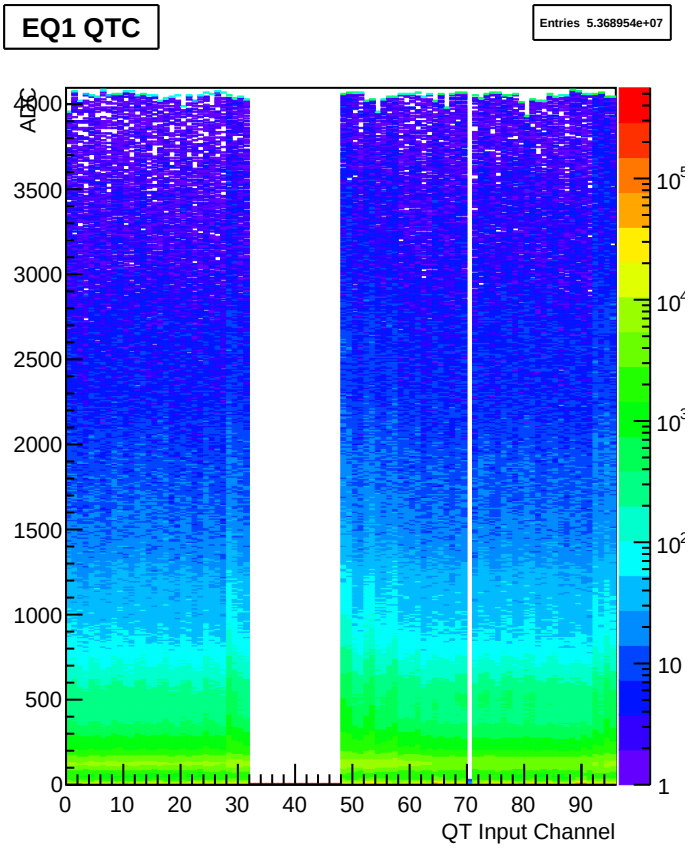

BBQ-VP001 East
Entries 8948256
ADC
QT Input Channel

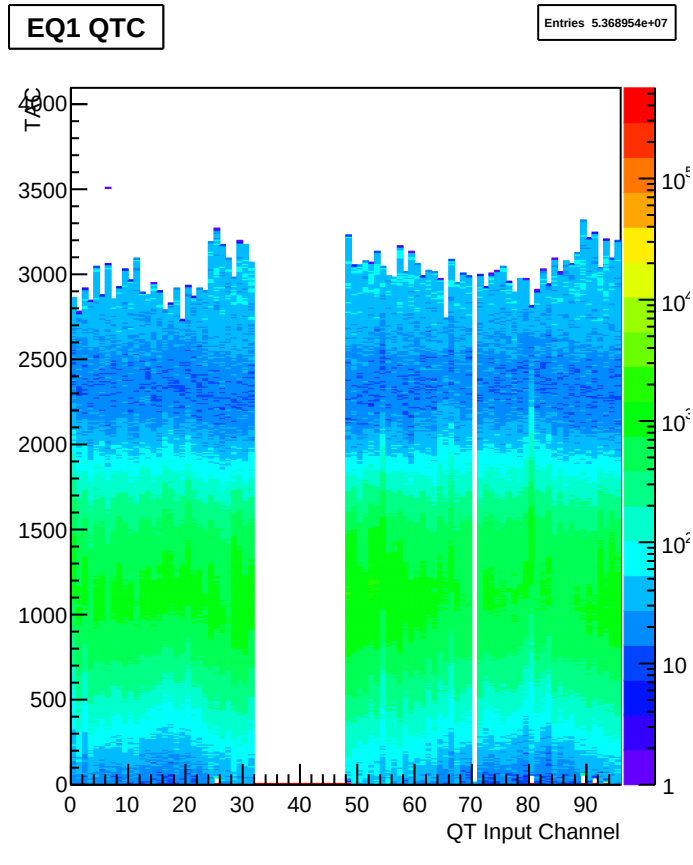

BBQ-VP002 West
Entries 8948256
ADC
QT Input Channel

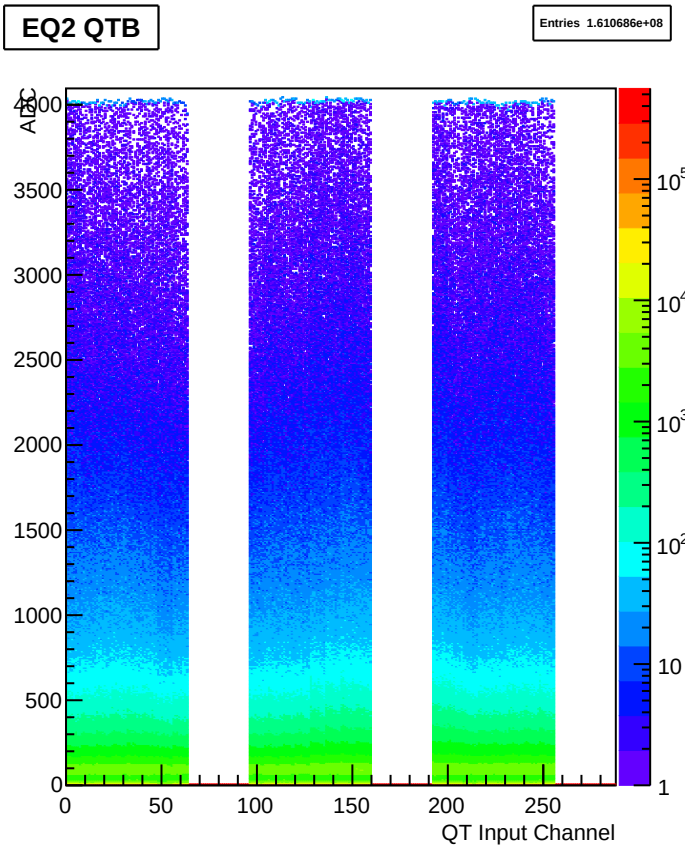

BBQ-VP002 West
Entries 8948256
ADC
QT Input Channel

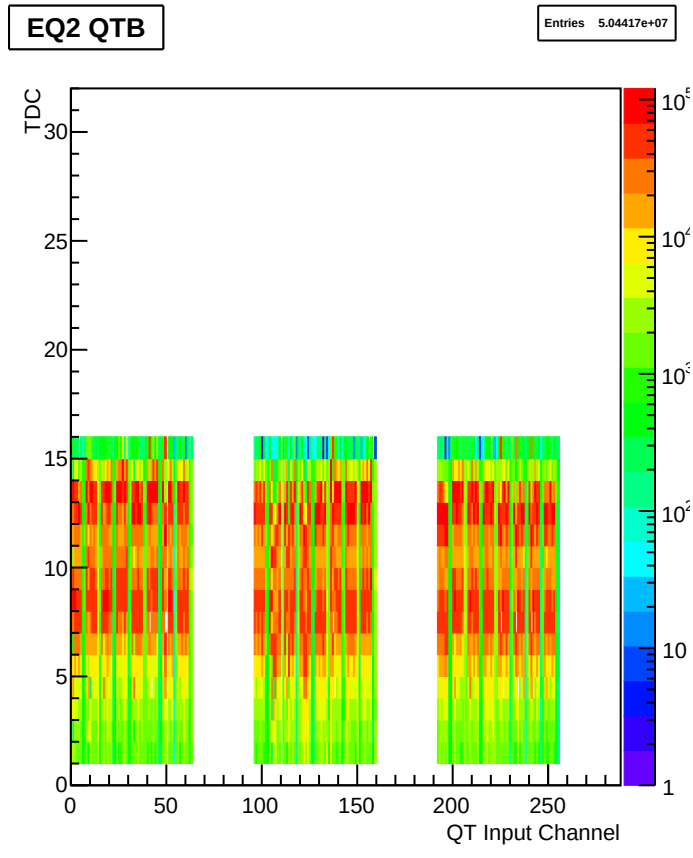

EQ1 QTB
Entries 1.610686e+08
ADC
QT Input Channel

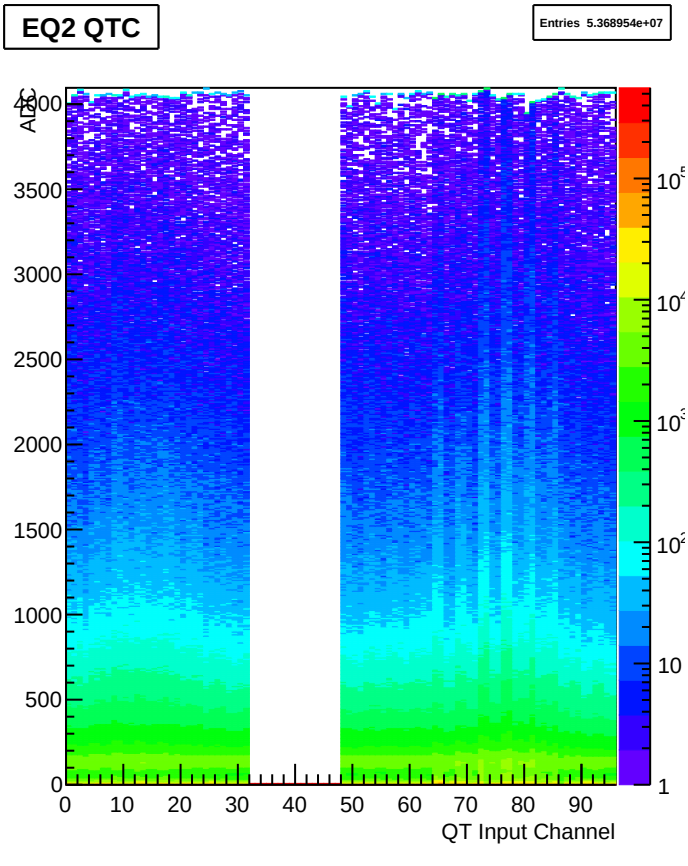

EQ1 QTB
Entries 5.324606e+07
TDC
QT Input Channel

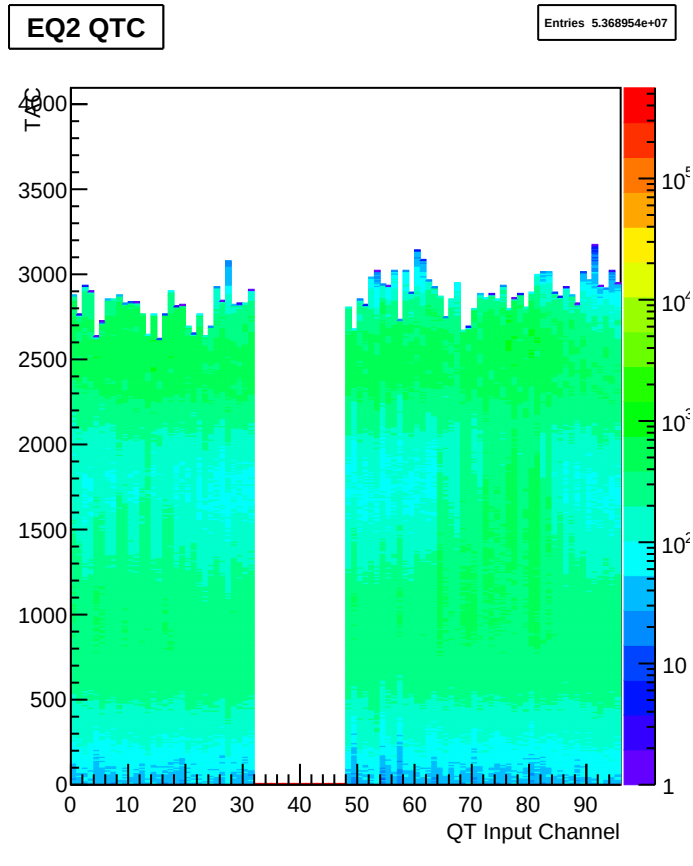

EQ1 QTC
Entries 5.368954e+07
ADC
QT Input Channel

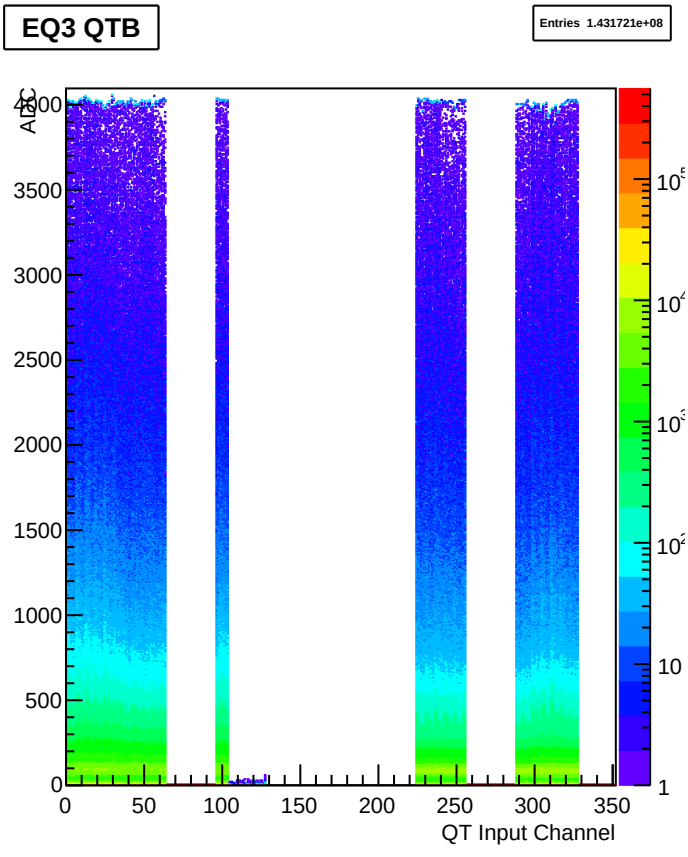

EQ1 QTC
Entries 5.368954e+07
TADC
QT Input Channel

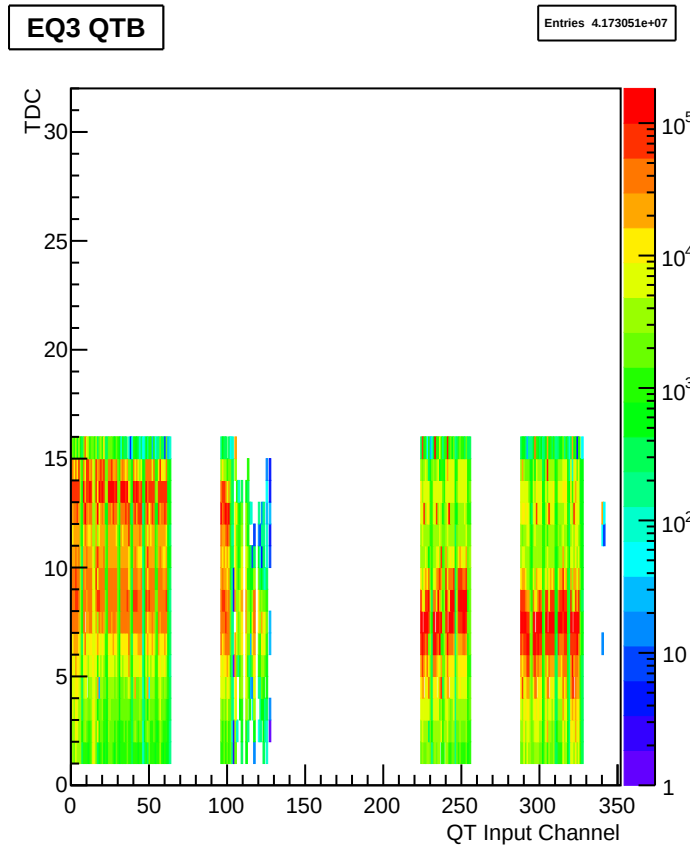

EQ2 QTB
Entries 1.610686e+08
ADC
QT Input Channel

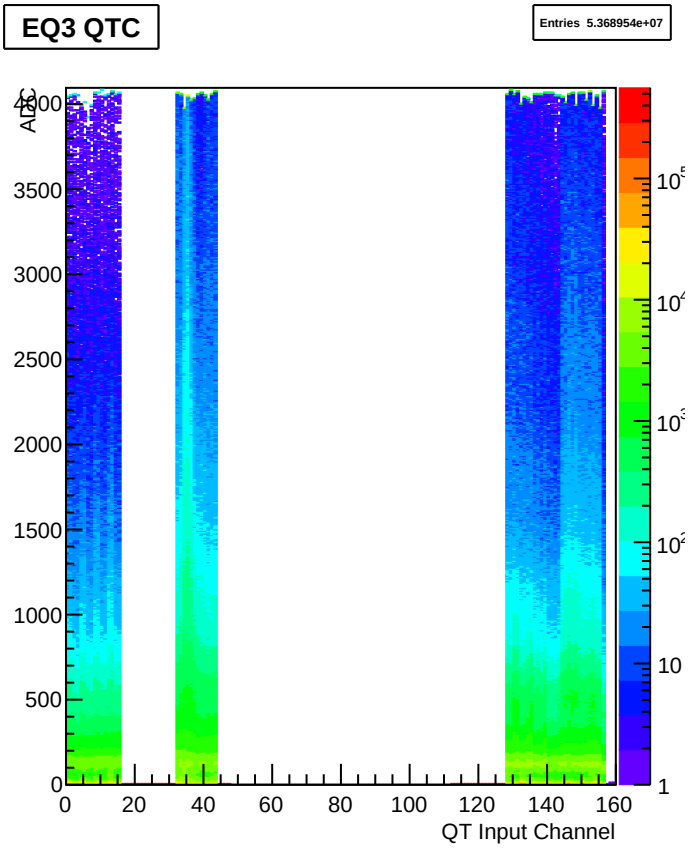

EQ2 QTB
Entries 5.04417e+07
TDC
QT Input Channel

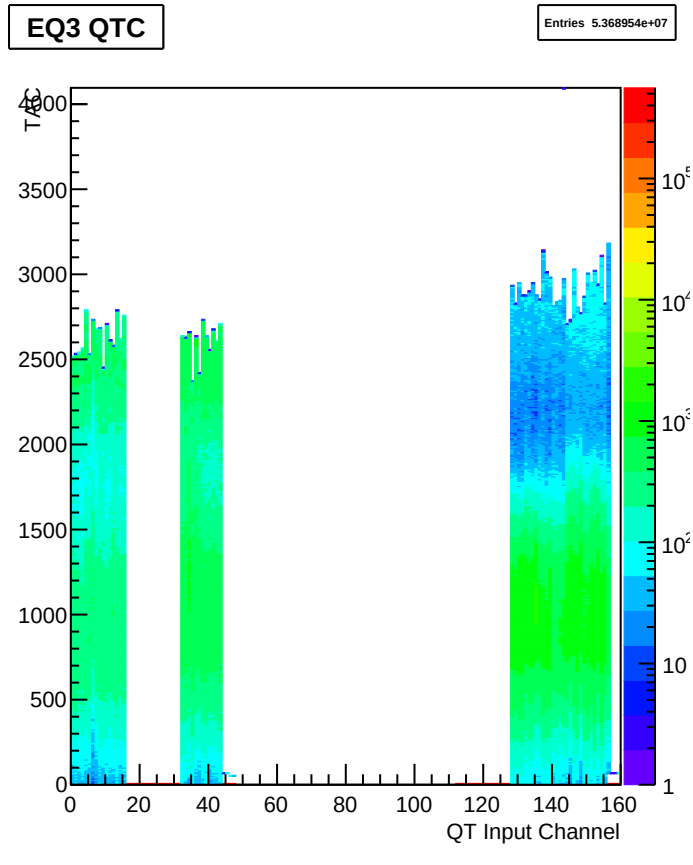

EQ2 QTC
Entries 5.368954e+07
ADC
QT Input Channel

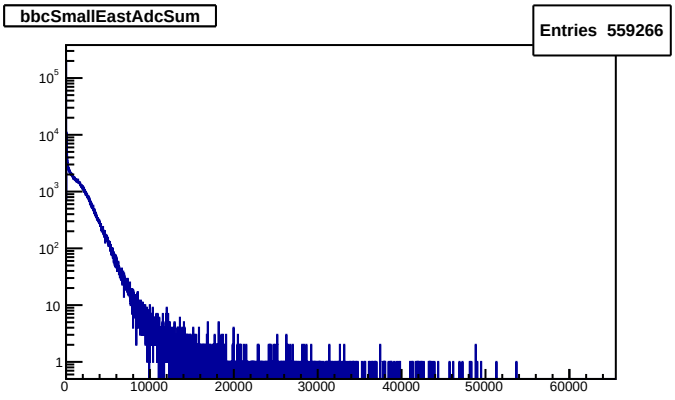

EQ2 QTC
Entries 5.368954e+07
TADC
QT Input Channel

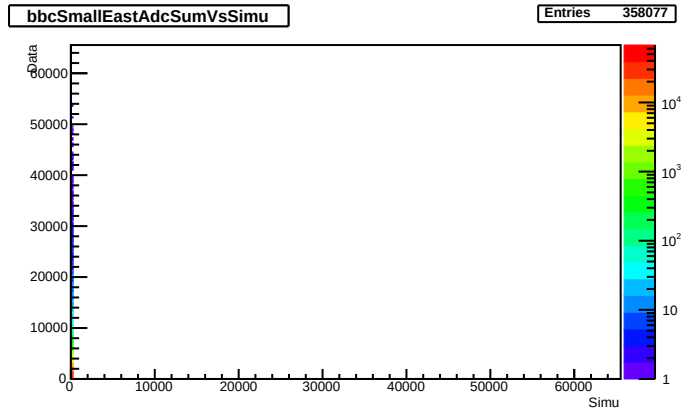

EQ3 QTB
Entries 1.431721e+08
ADC
QT Input Channel

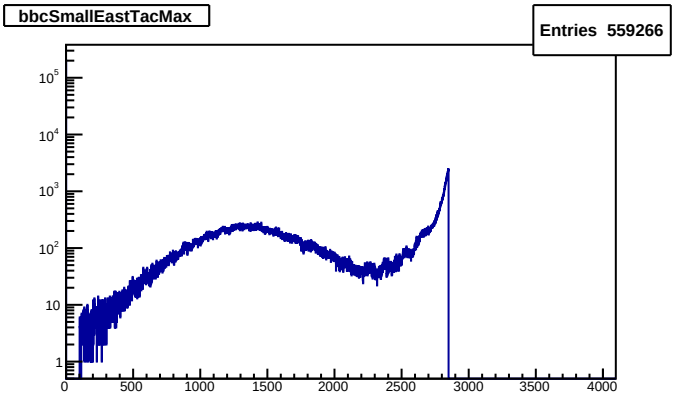

EQ3 QTB
Entries 4.173051e+07
TDC
QT Input Channel

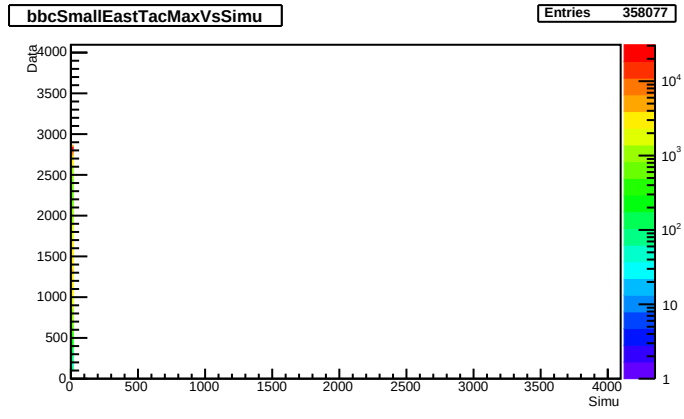

EQ3 QTC
Entries 5.368954e+07
ADC
QT Input Channel

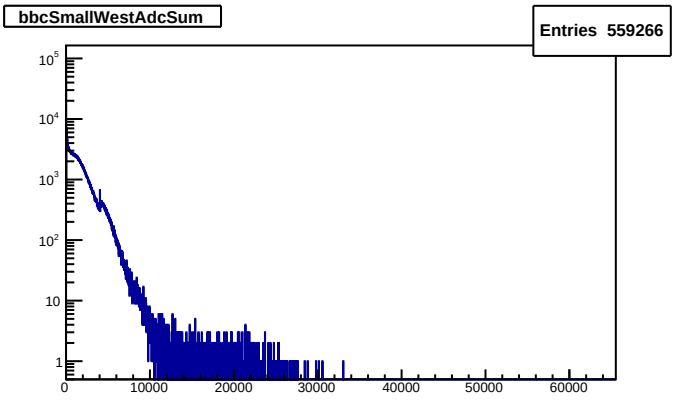

EQ3 QTC
Entries 5.368954e+07
TADC
QT Input Channel

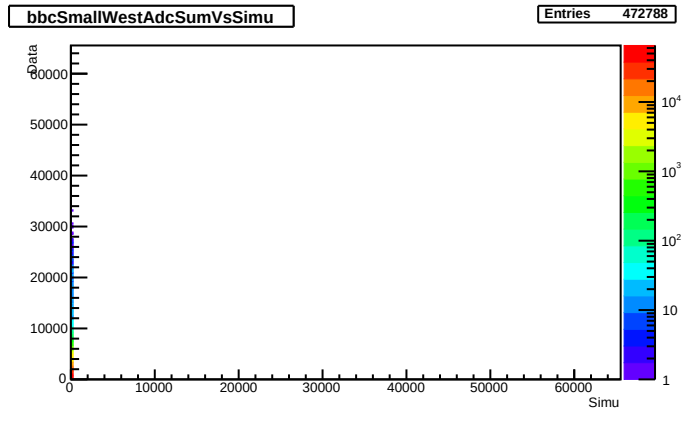

bbcSmallEastAdcSum
Entries 559266

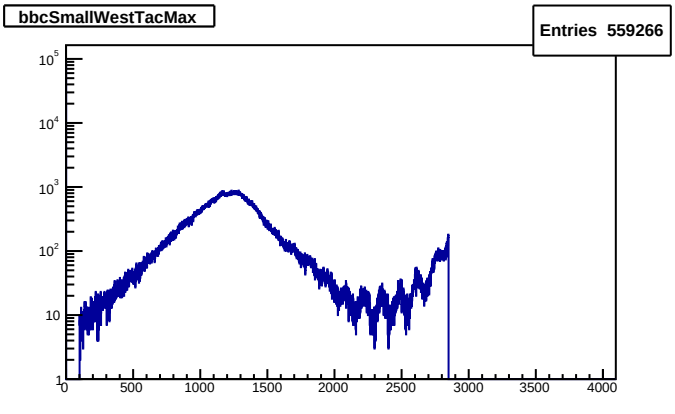

bbcSmallEastAdcSumVsSimu
Entries 358077
Data
Simu


bbcSmallEastTacMax
Entries 559266


bbcSmallEastTacMaxVsSimu
Entries 358077
Data
Simu


bbcSmallWestAdcSum
Entries 559266


bbcSmallWestAdcSumVsSimu
Entries 472788
Data
Simu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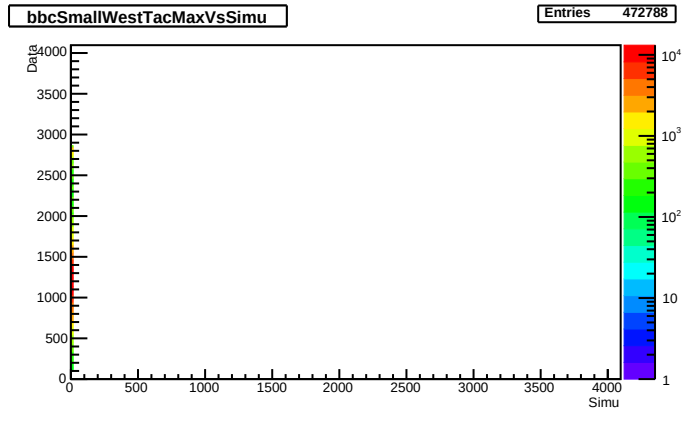
Entries 559266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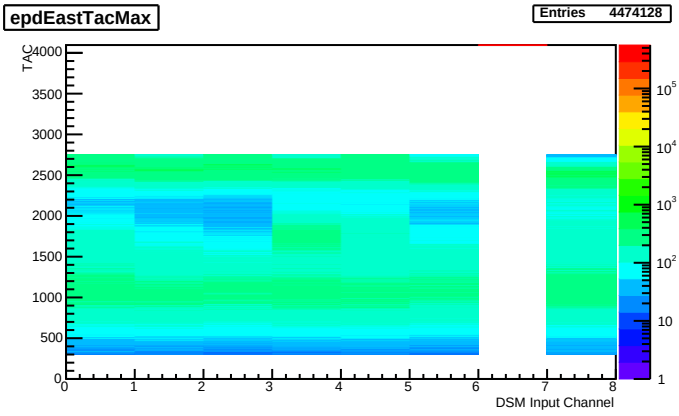
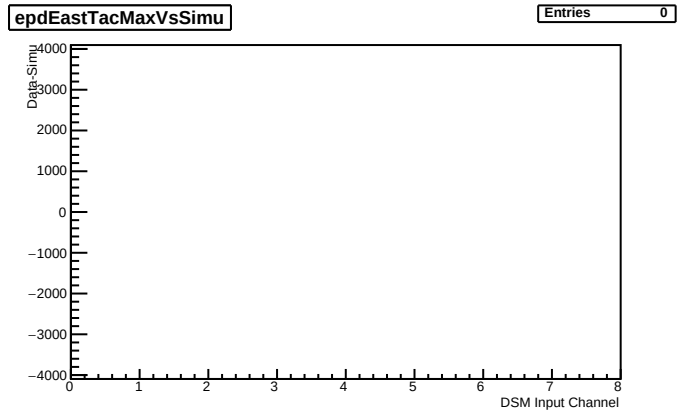
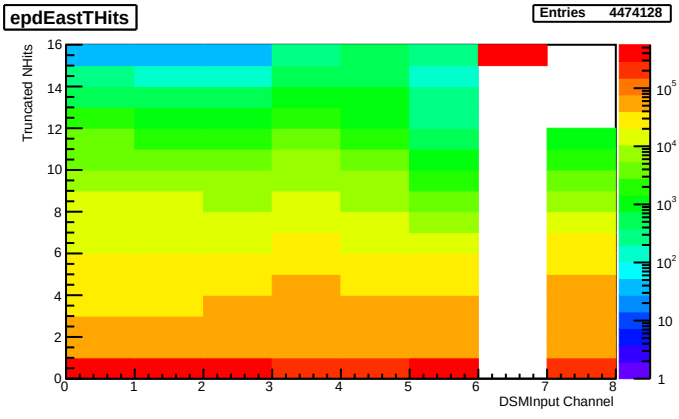
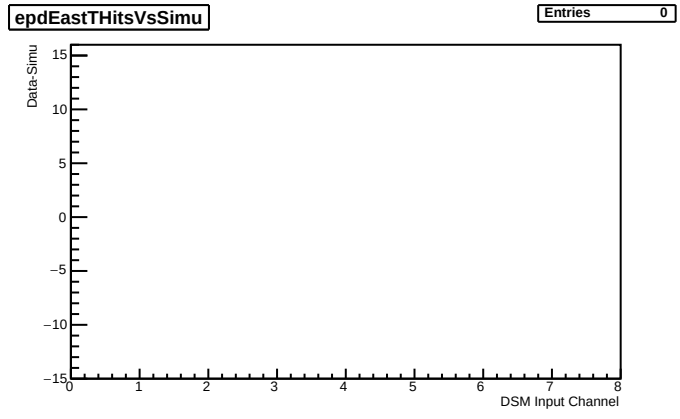
Entries 472788
Data
Simu


epdEastTacMax
Entries 4474128
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4474128
Truncated NHits
DSMInput Channel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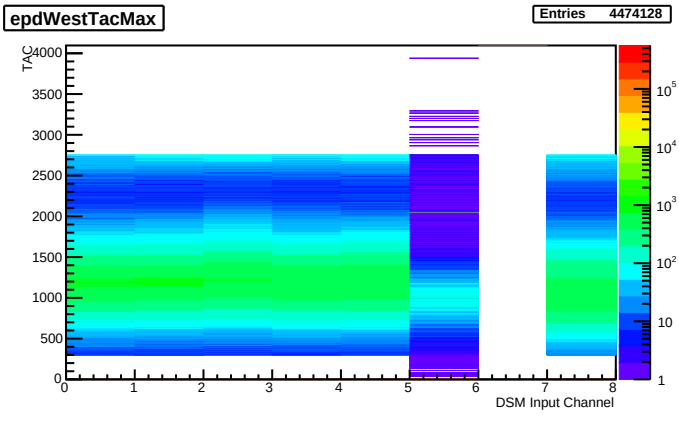
Data-Simu
DSM Input Channel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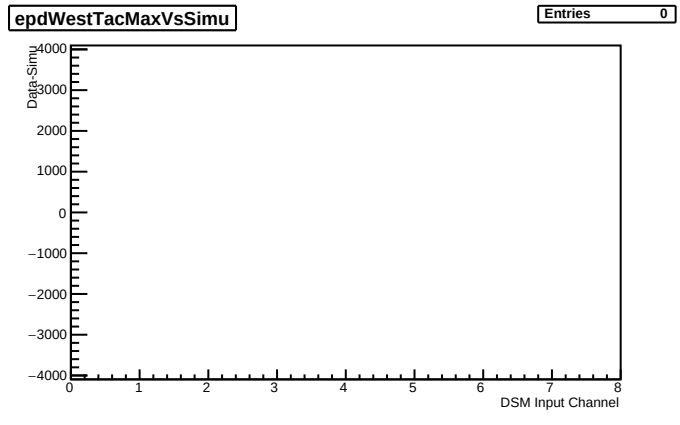
Entries 4474128
TAC
DSM Input Channel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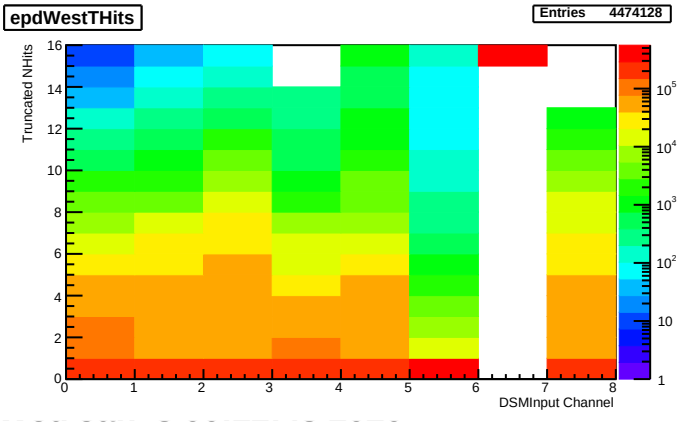
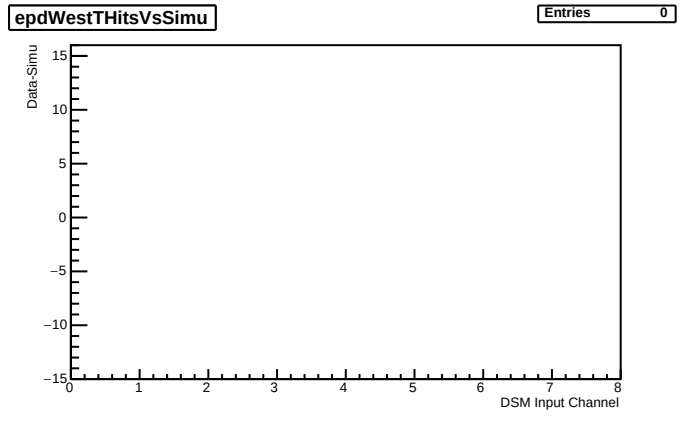
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4474128
Truncated NHits
DSMInput Channel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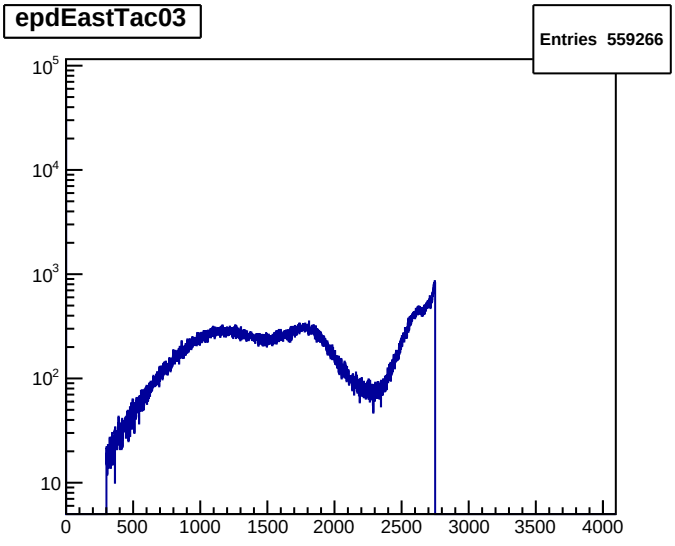
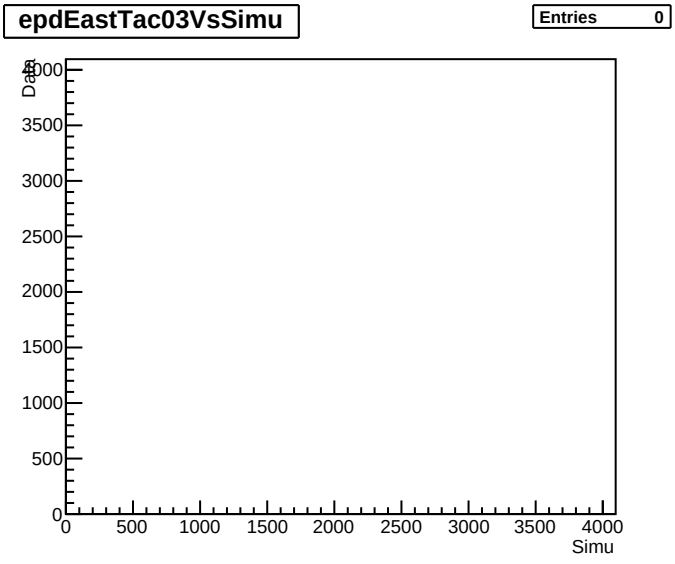
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 559266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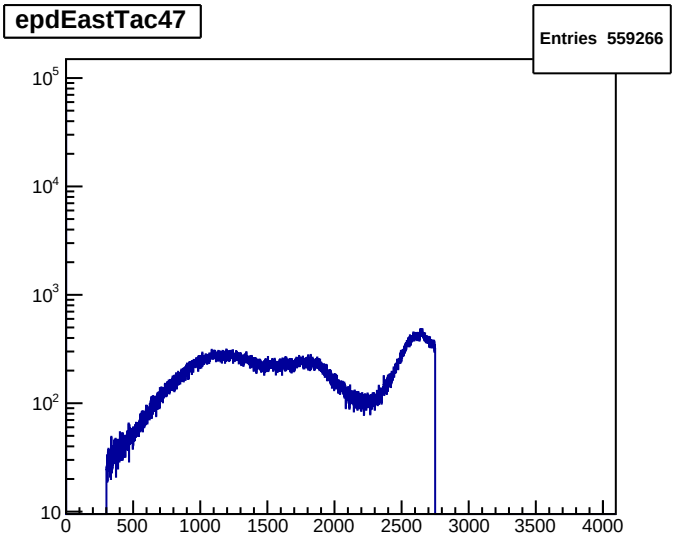
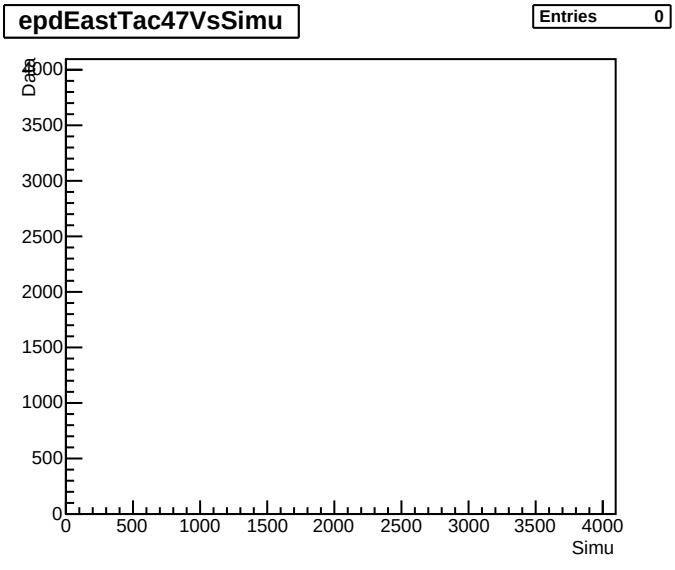
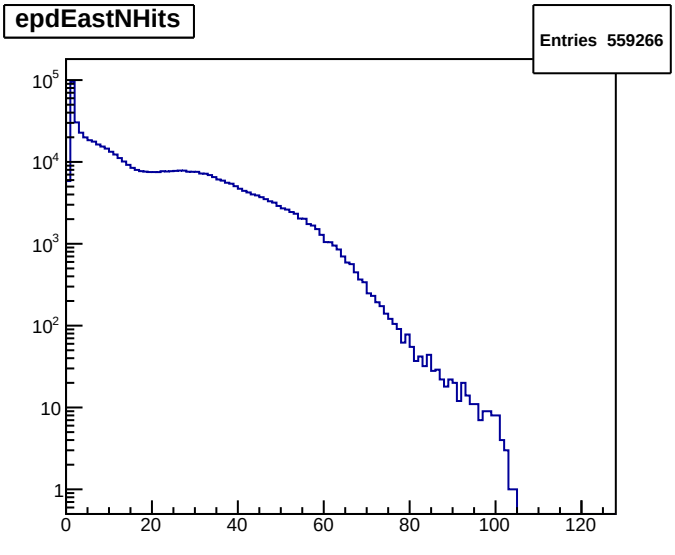
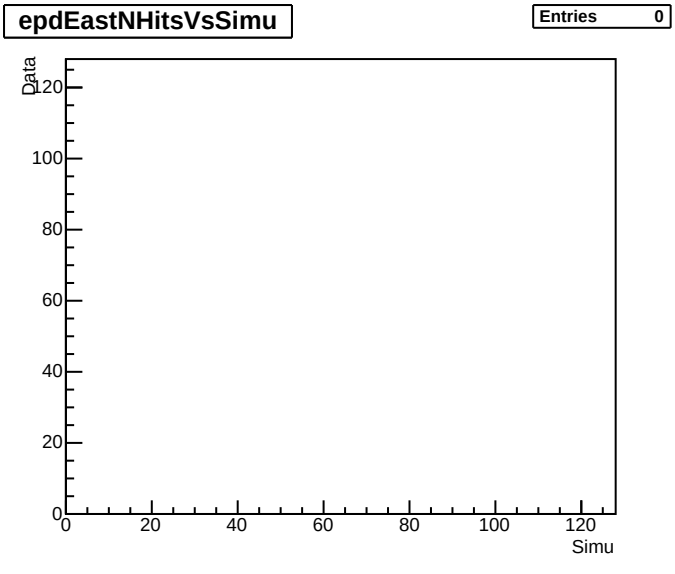
Entries 0
Data
Simu


epdEastTac47
Entries 559266


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 559266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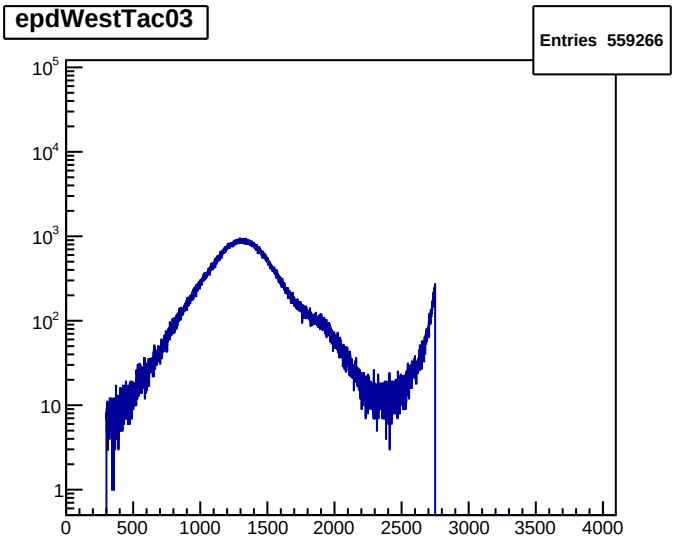
Entries 0
Data
Simu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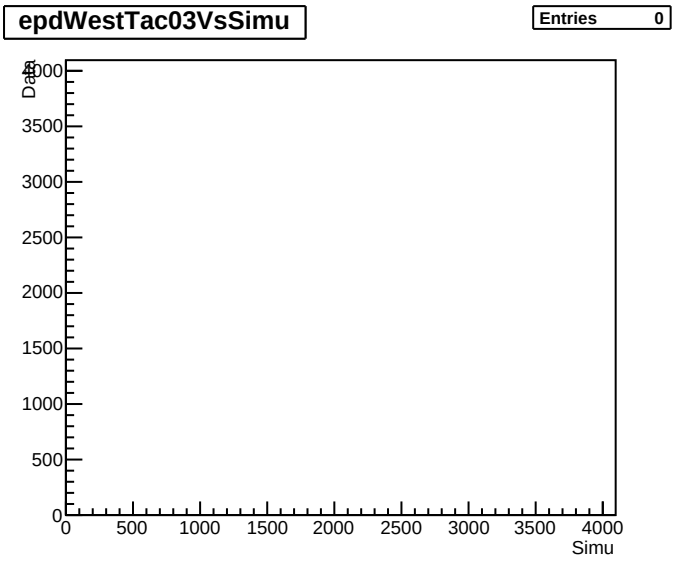
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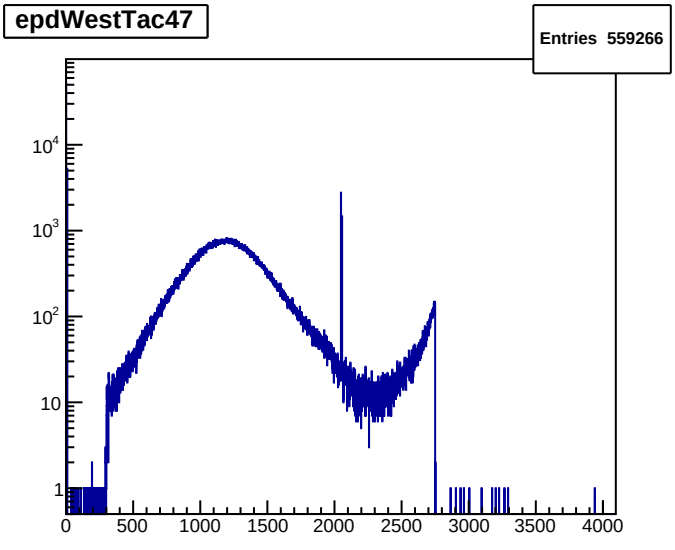
Entries 0
Data
Simu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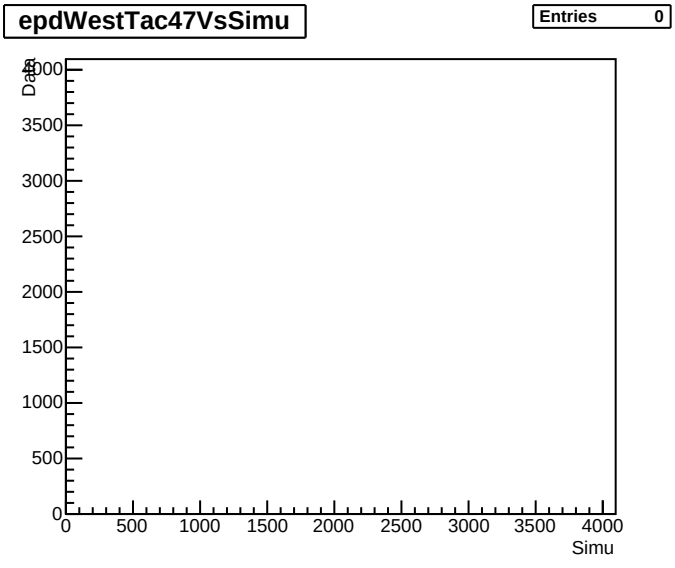
Entries 559266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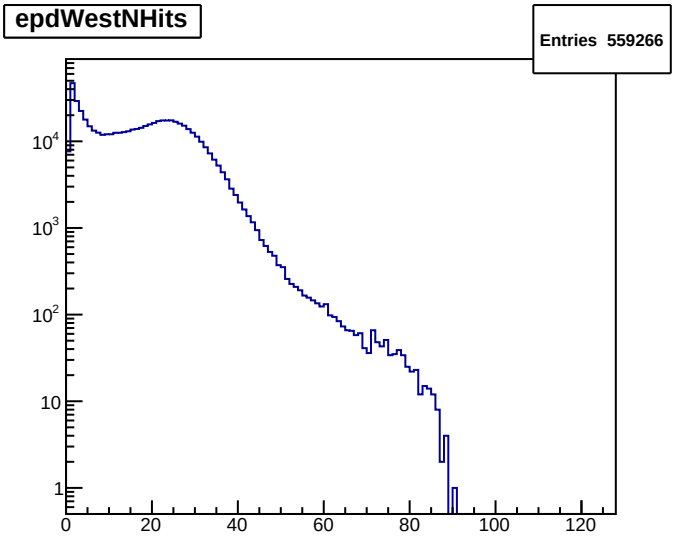
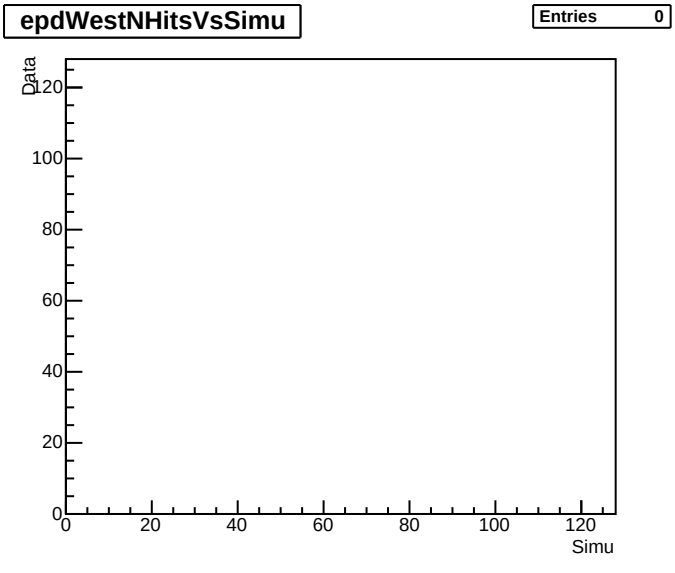
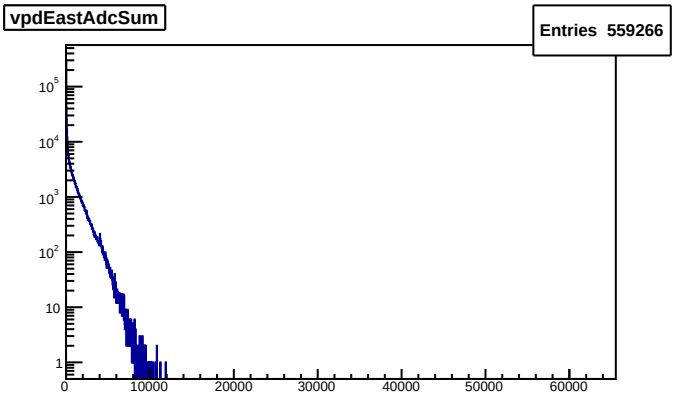
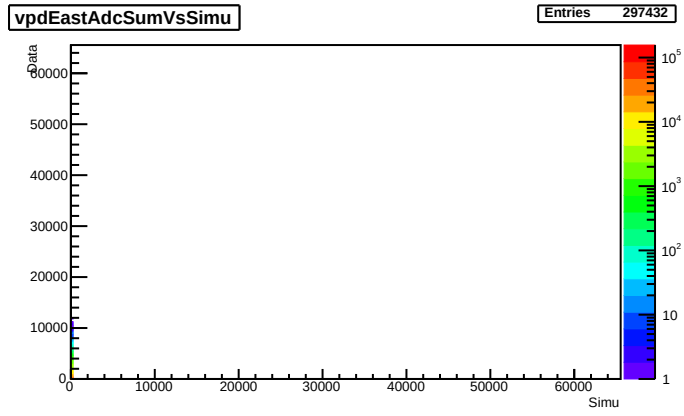
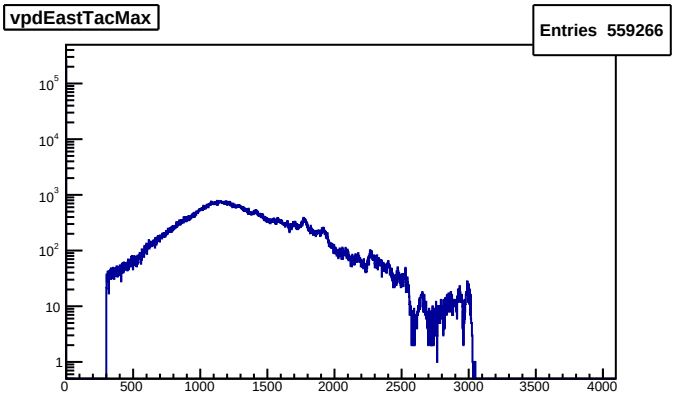
Entries 0
Data
Simu

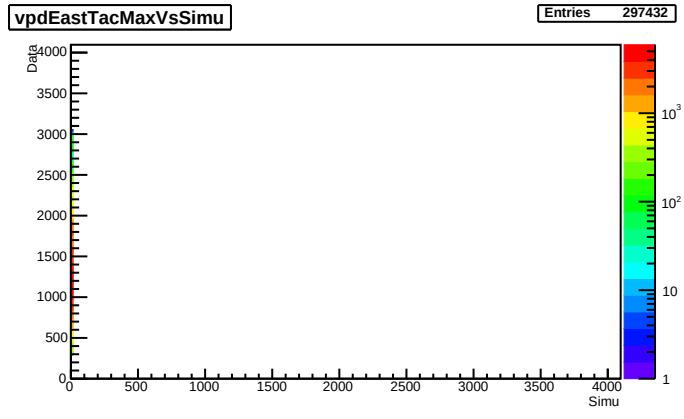

epdWestNHits
Entries 559266

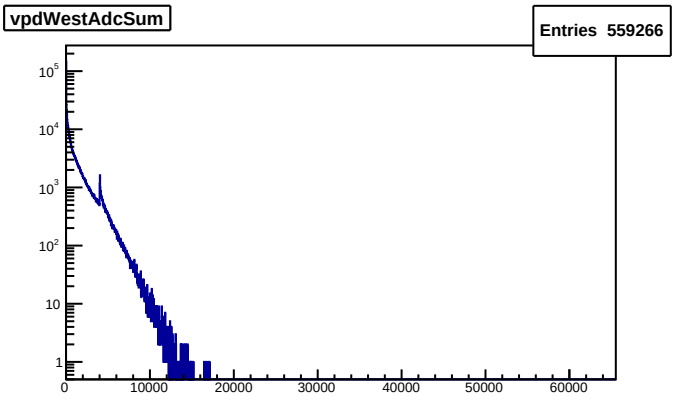

epdWestNHitsVsSimu
Entries 0
Data
Simu

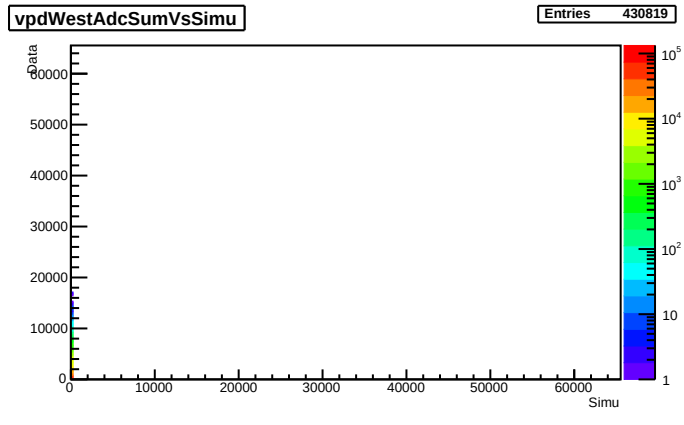

vpdEastAdcSum
Entries 559266

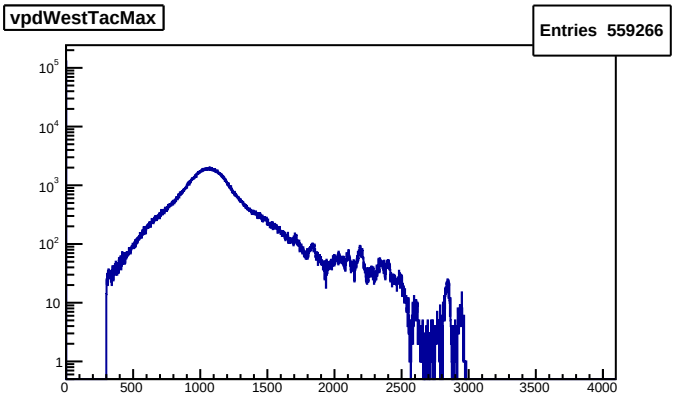

vpdEastAdcSumVsSimu
Entries 297432
Data
Simu

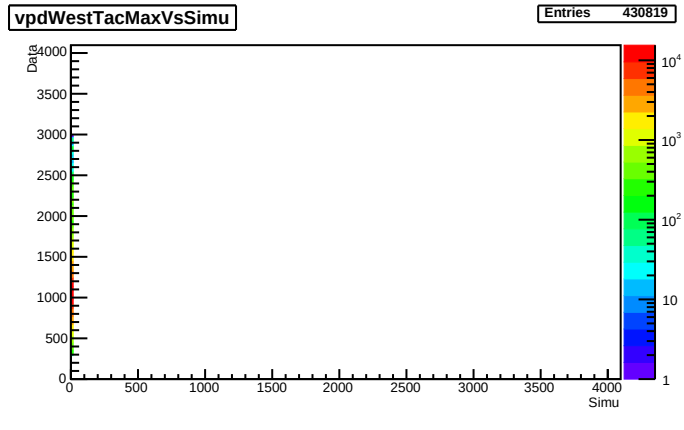

vpdEastTacMax
Entries 559266

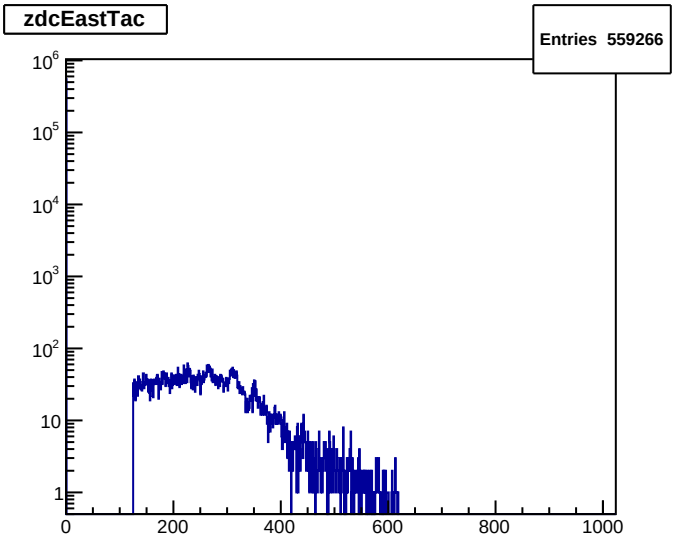

vpdEastTacMaxVsSimu
Entries 297432
Data
Simu

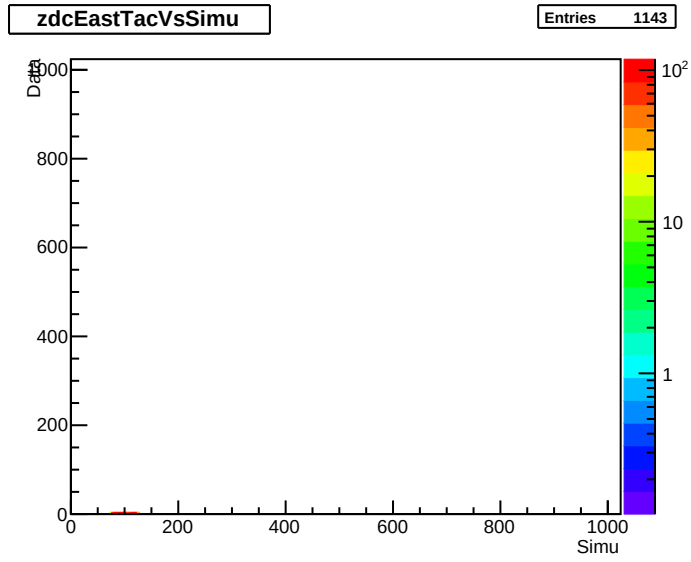

vpdWestAdcSum
Entries 559266

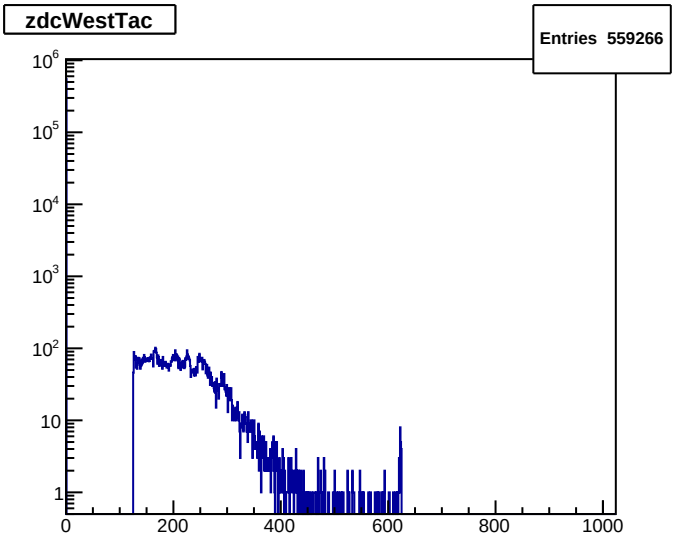

vpdWestAdcSumVsSimu
Entries 430819
Data
Simu

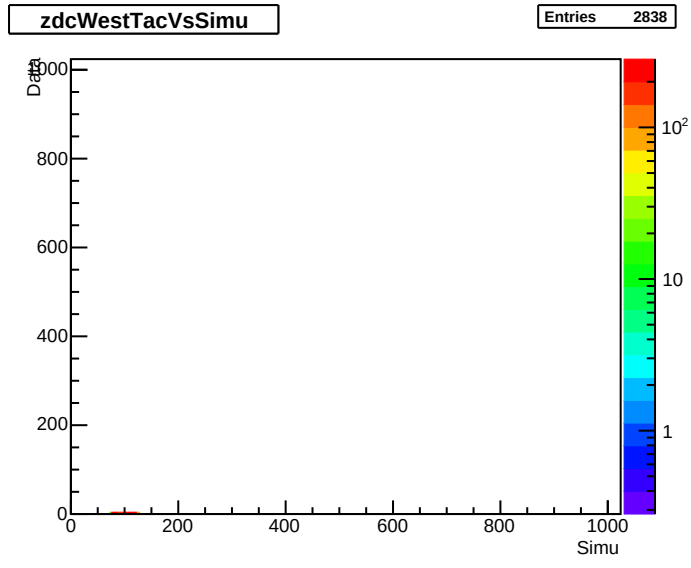

vpdWestTacMax
Entries 559266

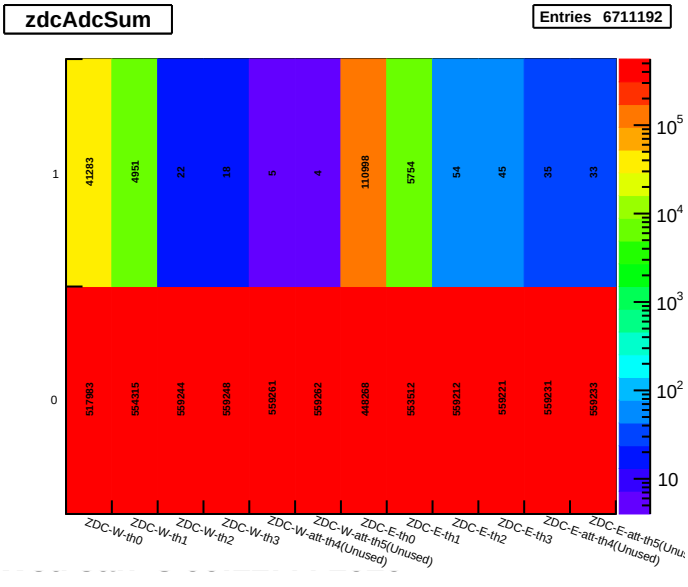

vpdWestTacMaxVsSimu
Entries 430819
Data
Simu

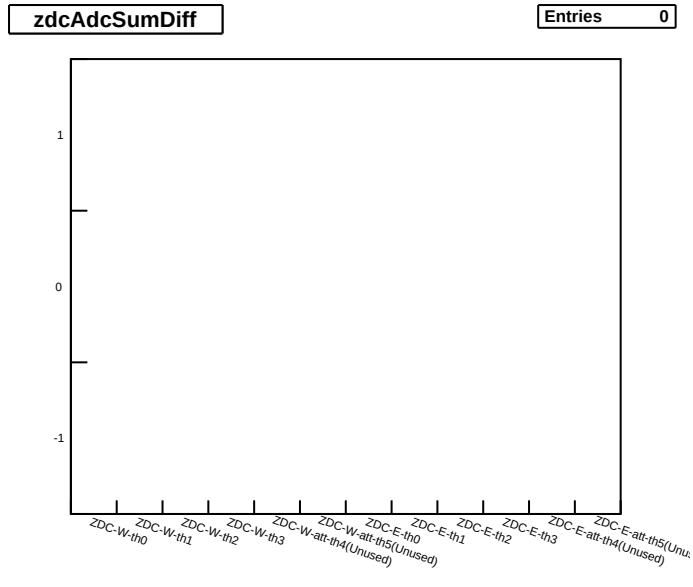

zdcEastTac
Entries 559266

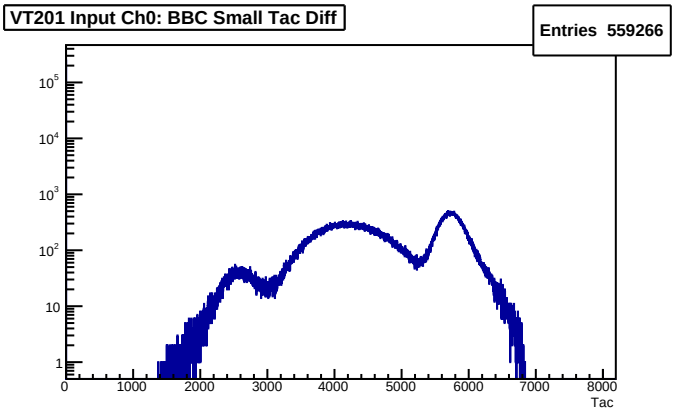

zdcEastTacVsSimu
Entries 1143
Data
Simu

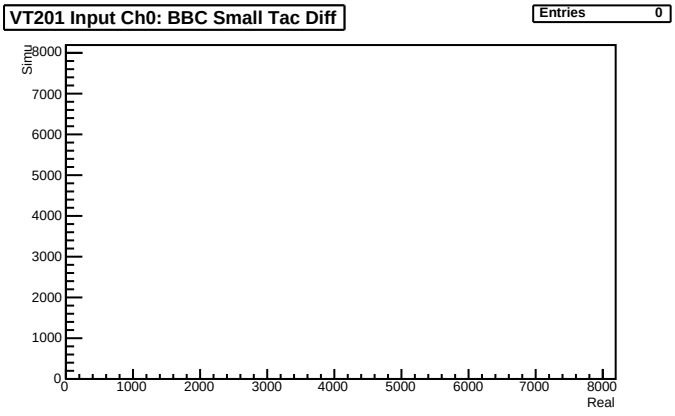

zdcWestTac
Entries 559266

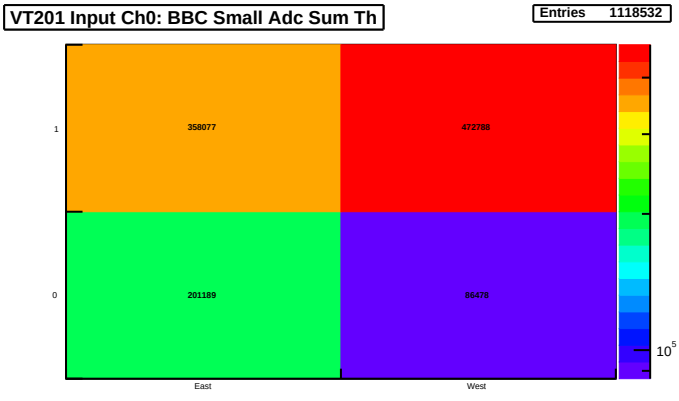

zdcWestTacVsSimu
Entries 2838
Data
Simu

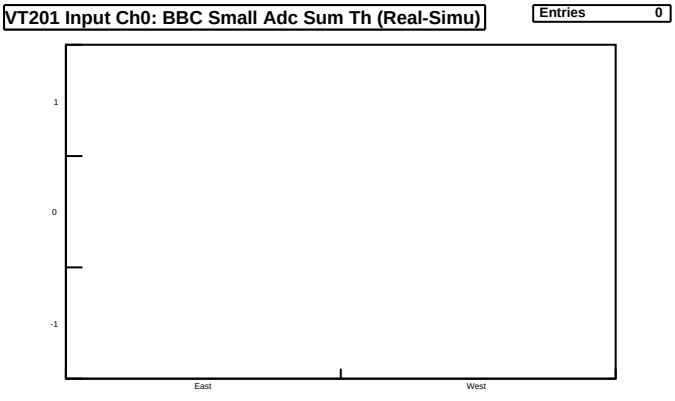

zdcAdcSum
Entries 6711192
41283
4951
22
18
5
4
110998
5754
54
45
35
33
517983
554315
559244
559248
559261
559262
448268
553512
559212
559221
559231
559233
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

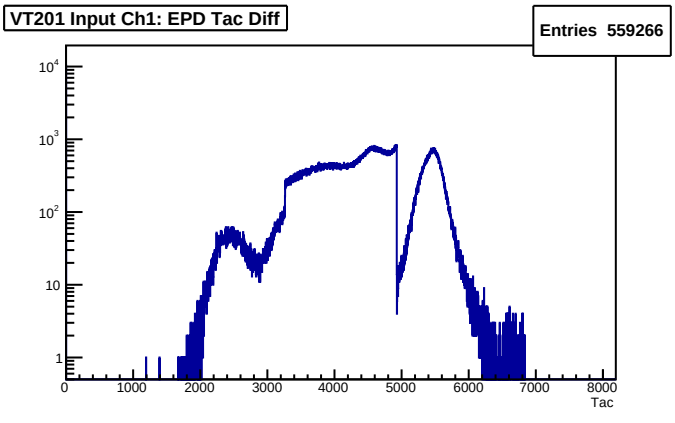

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

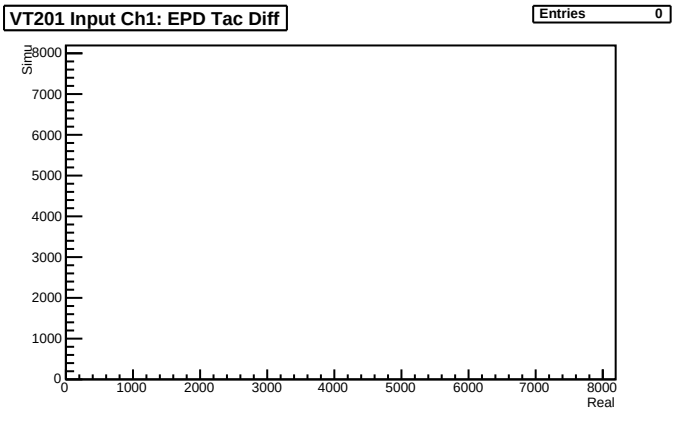

VT201 Input Ch0: BBC Small Tac Diff
Entries 559266
Tac

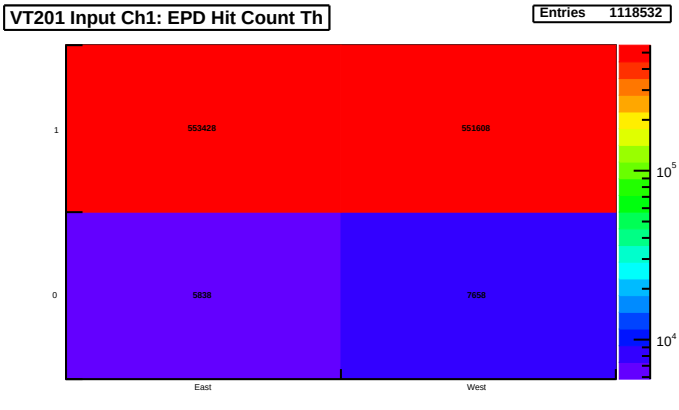

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

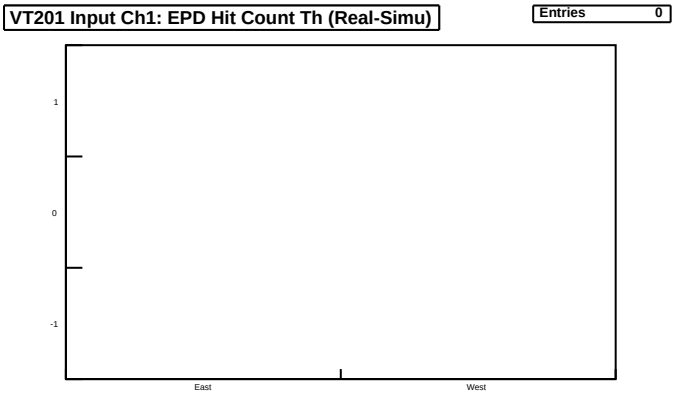

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1118532
358077
472788
201189
86478
East
West

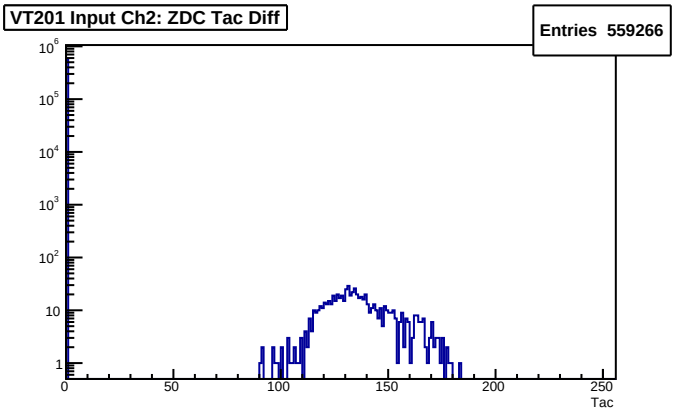

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

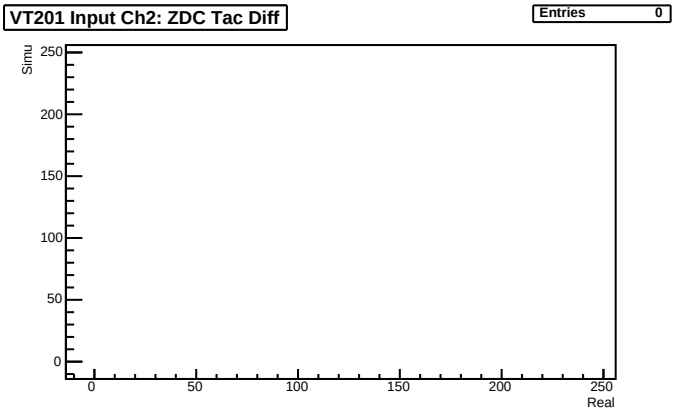

VT201 Input Ch1: EPD Tac Diff
Entries 559266
Tac

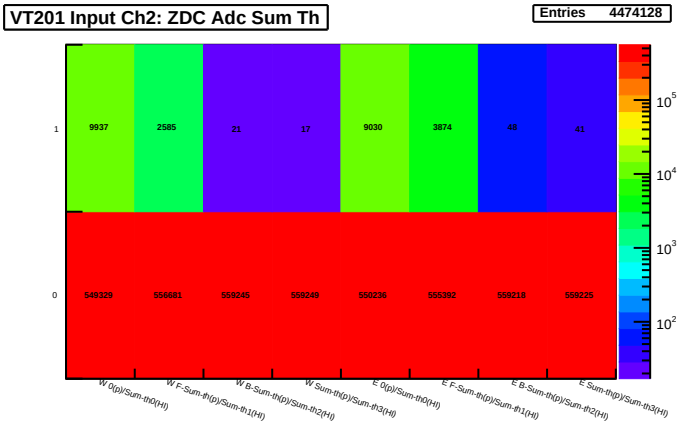

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

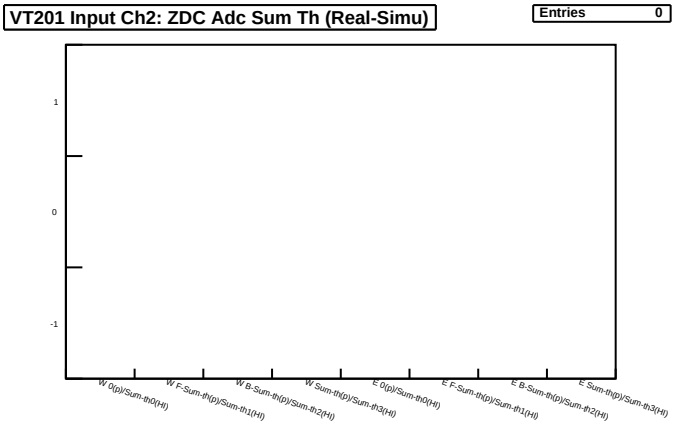

VT201 Input Ch1: EPD Hit Count Th
Entries 1118532
553428
551608
5838
7658
East
West

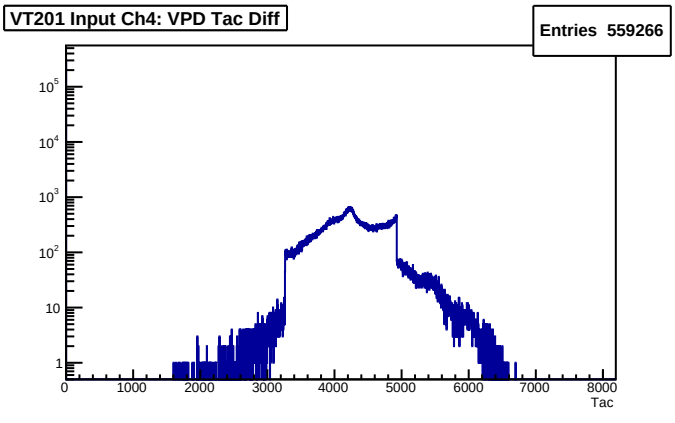

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

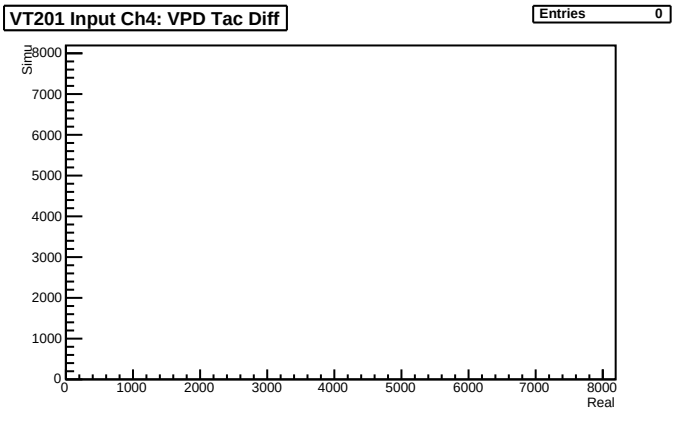

VT201 Input Ch2: ZDC Tac Diff
Entries 559266
Tac

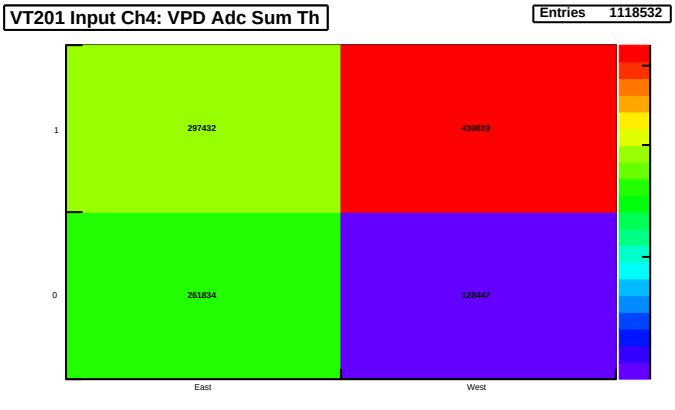

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

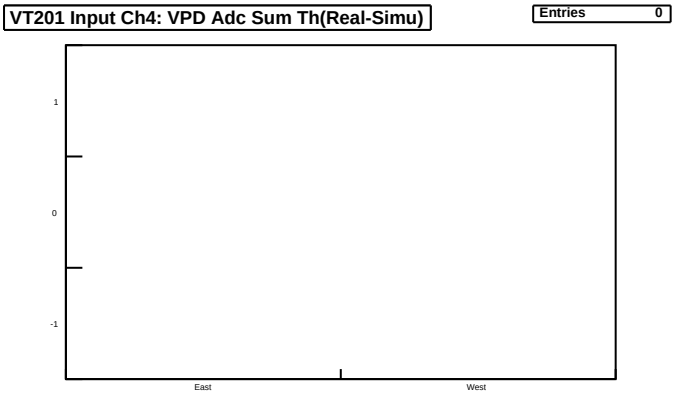

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4474128
9937
2585
21
17
9030
3874
48
41
549329
556681
559245
559249
550236
555392
559218
559225
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

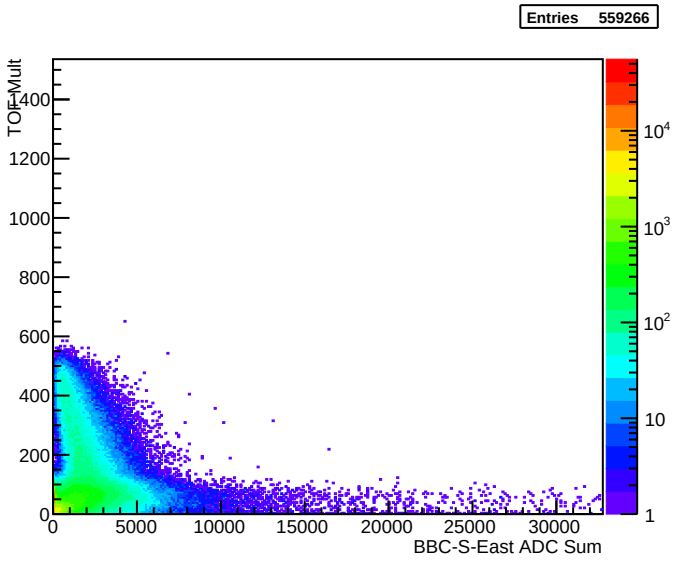

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

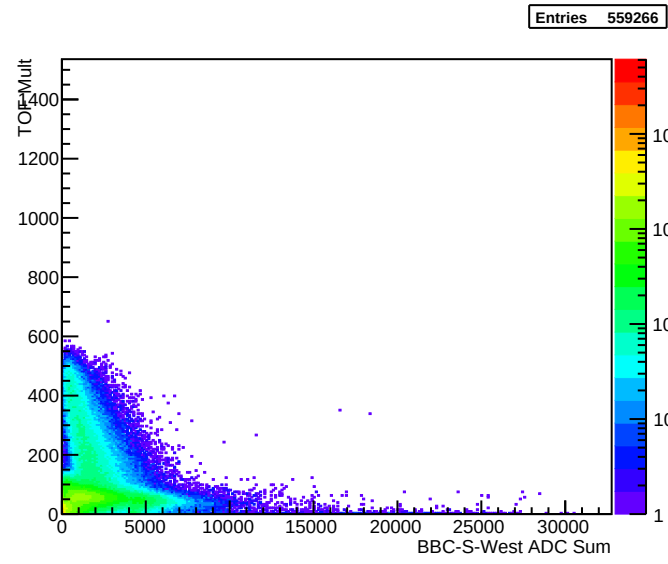

VT201 Input Ch4: VPD Tac Diff
Entries 559266
Tac

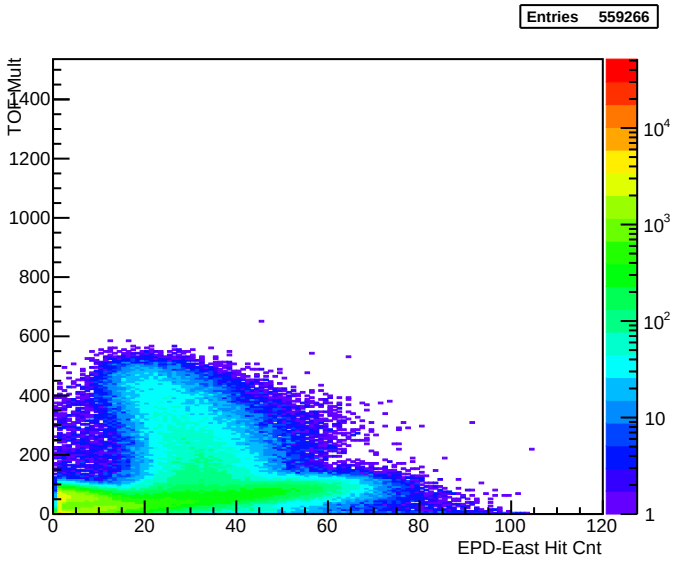

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

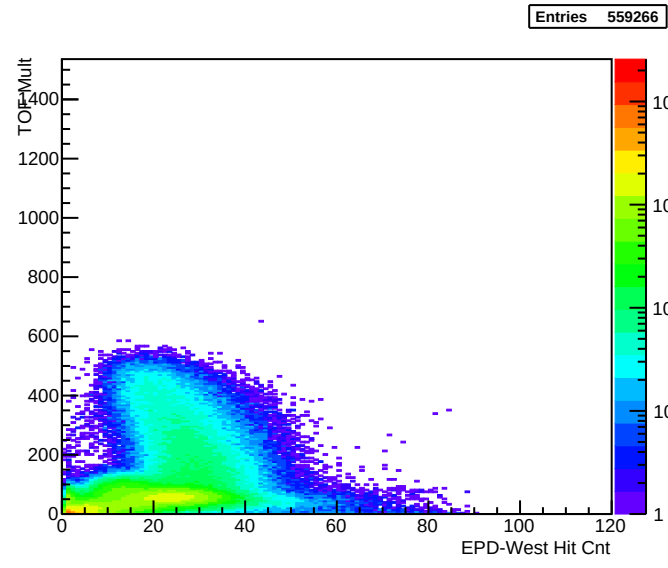

VT201 Input Ch4: VPD Adc Sum Th
Entries 1118532
297432
430819
261834
128447
East
West

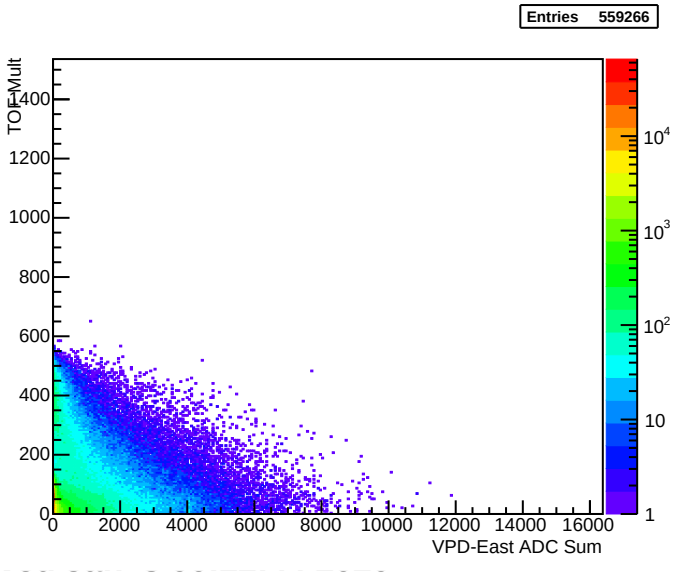

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

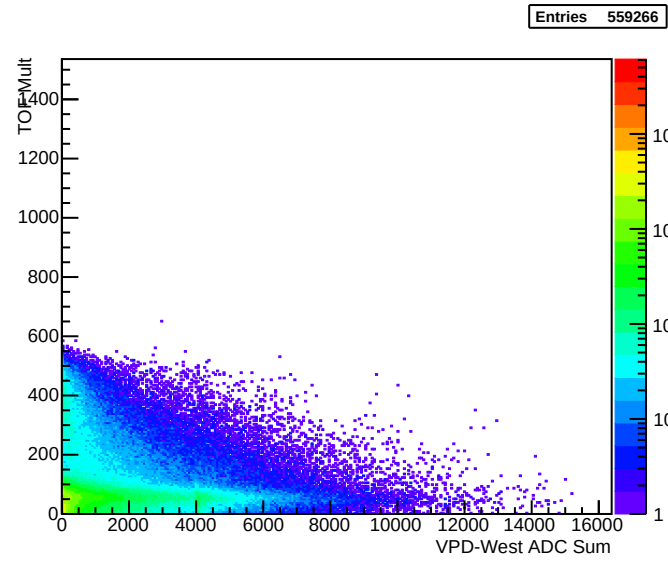

Entries 559266
TOF-Mult
BBC-S-East ADC Sum

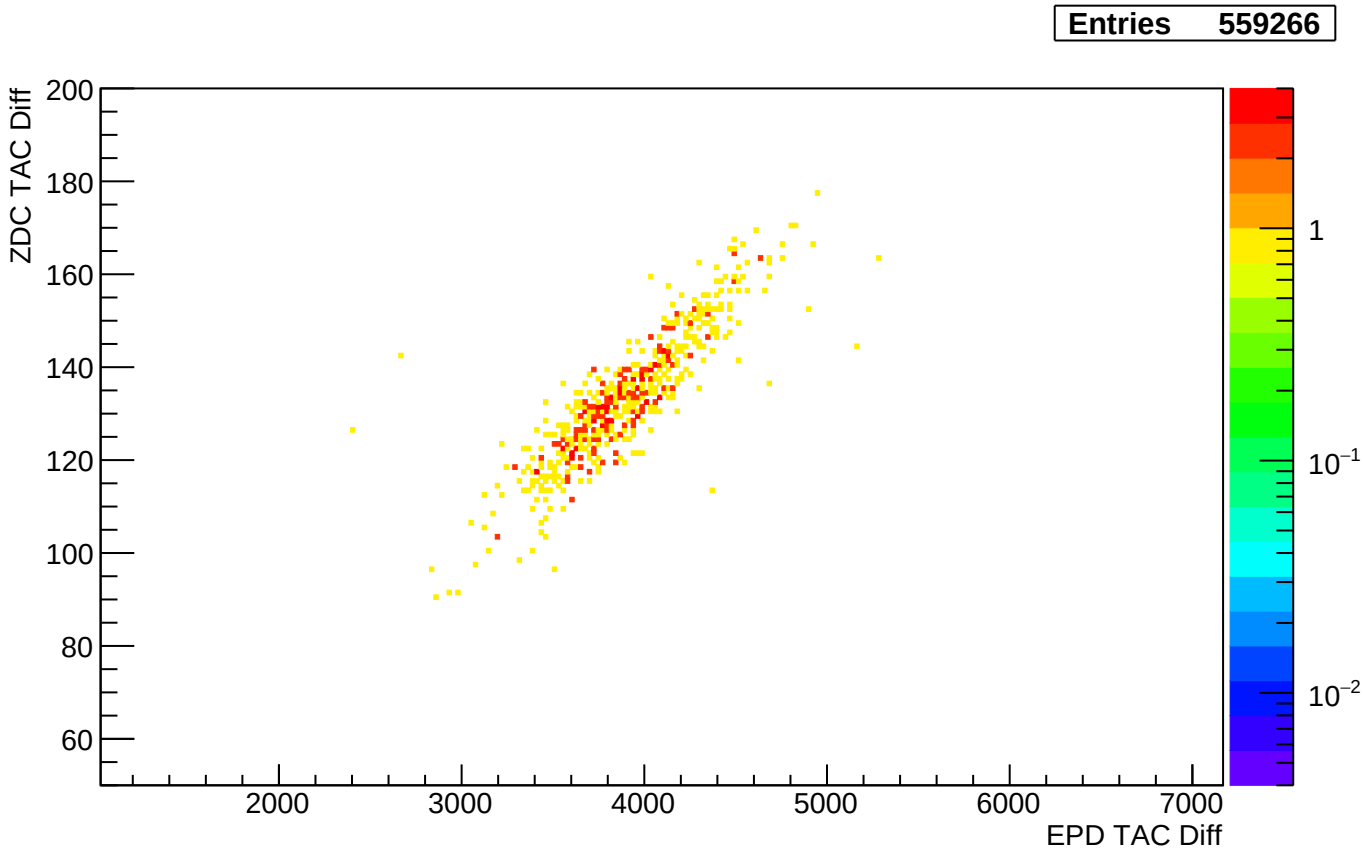

Entries 559266
TOF-Mult
BBC-S-West ADC Sum

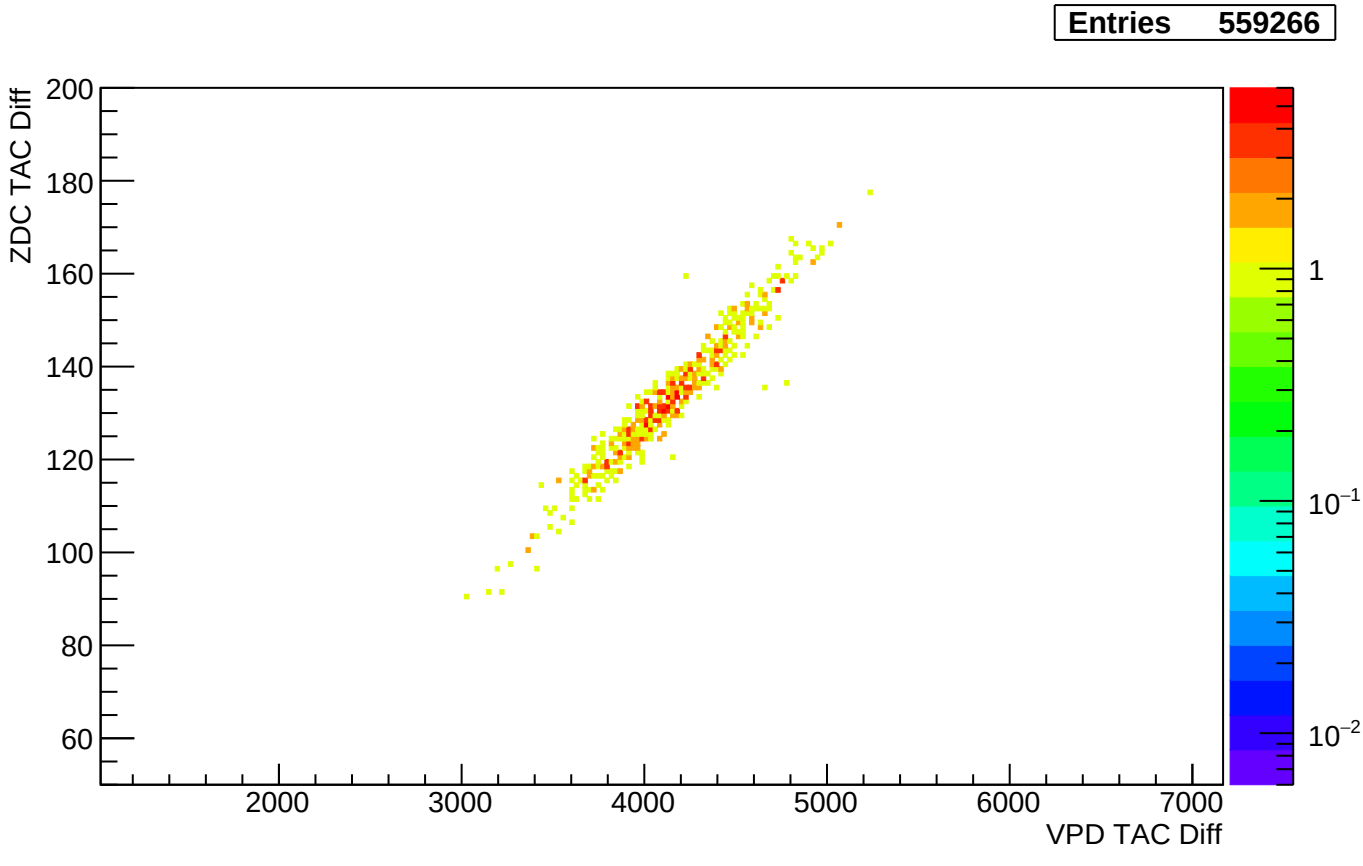

Entries 559266
TOF-Mult
EPD-East Hit Cnt

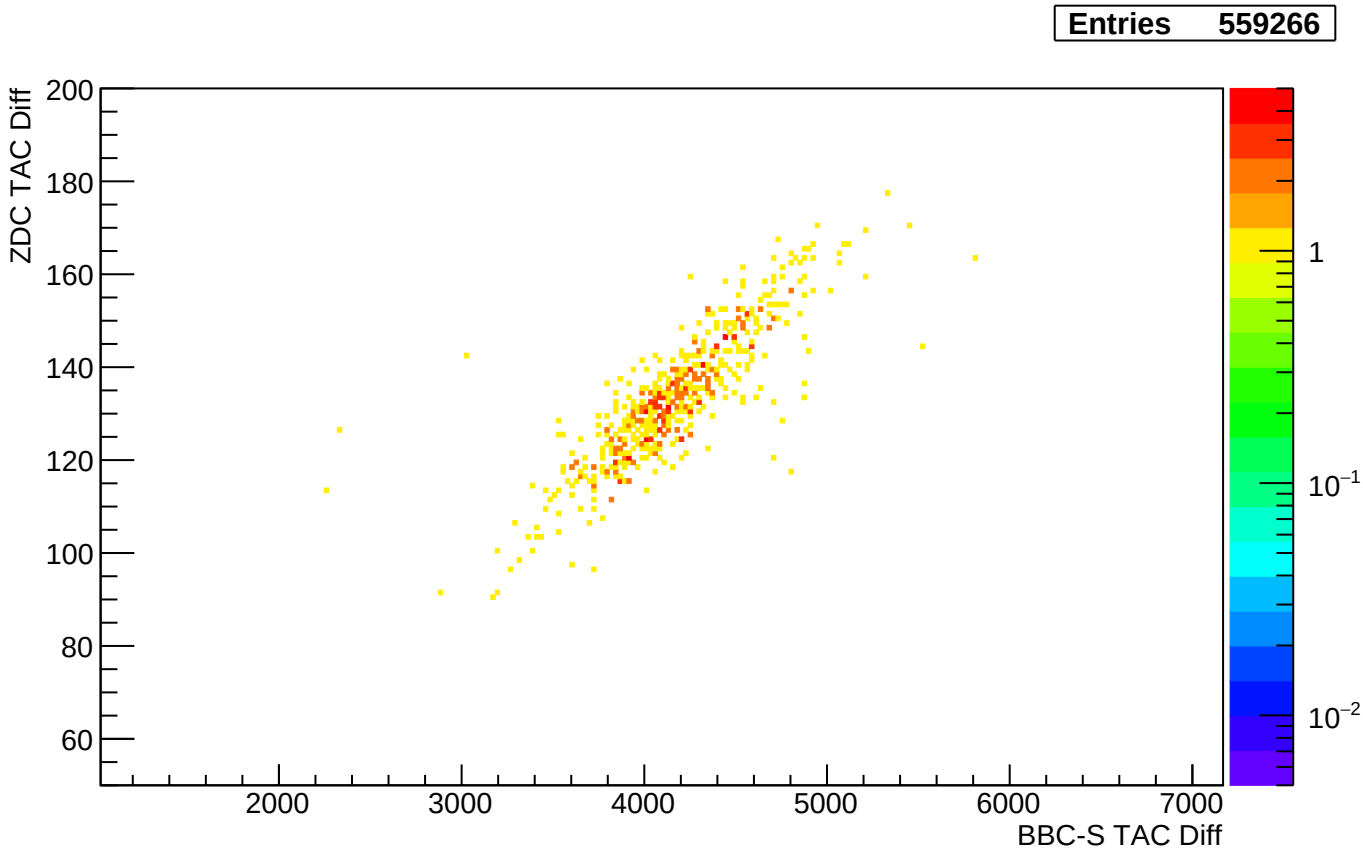

Entries 559266
TOF-Mult
EPD-West Hit Cnt

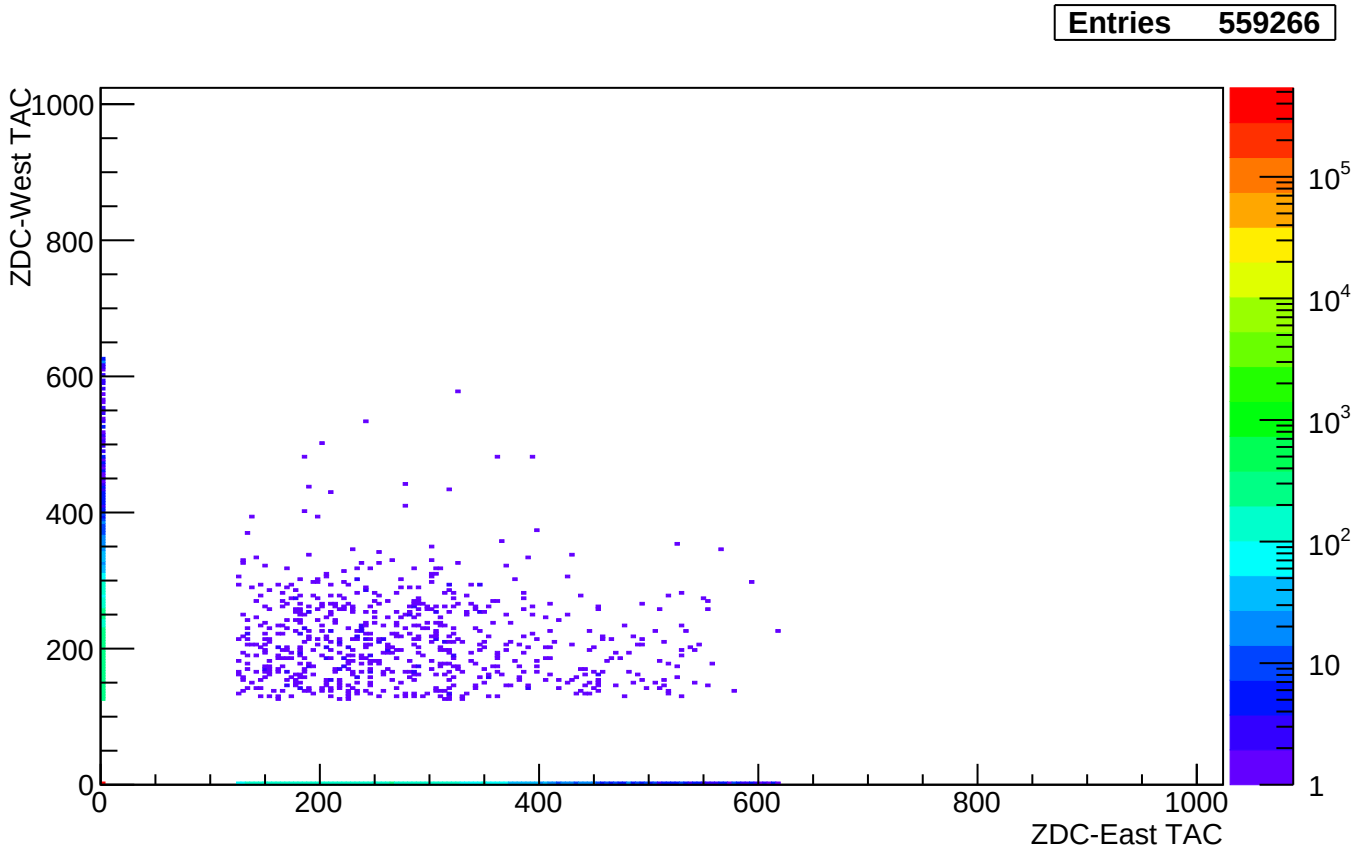

Entries 559266
TOF-Mult
VPD-East ADC Sum

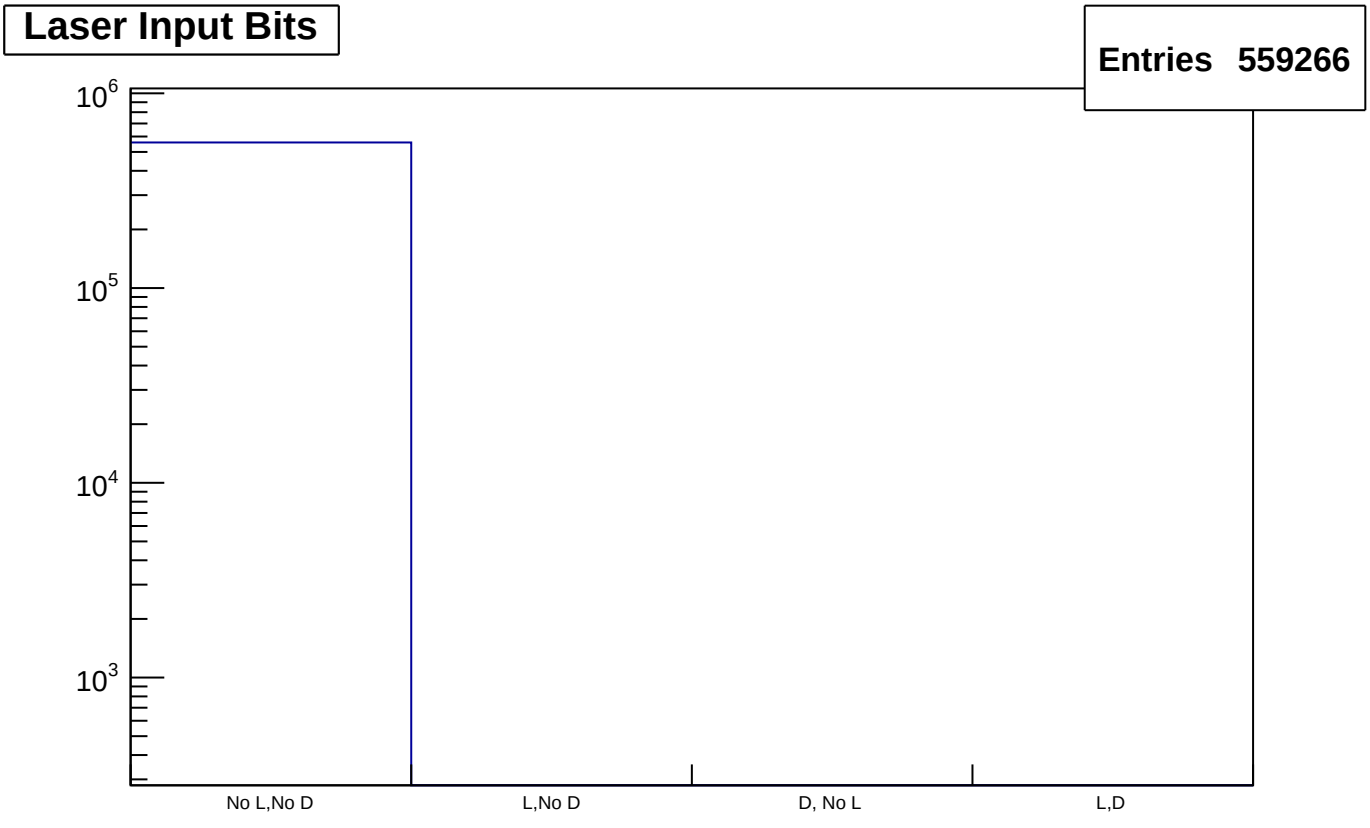

Entries 559266
TOF-Mult
VPD-West ADC Sum

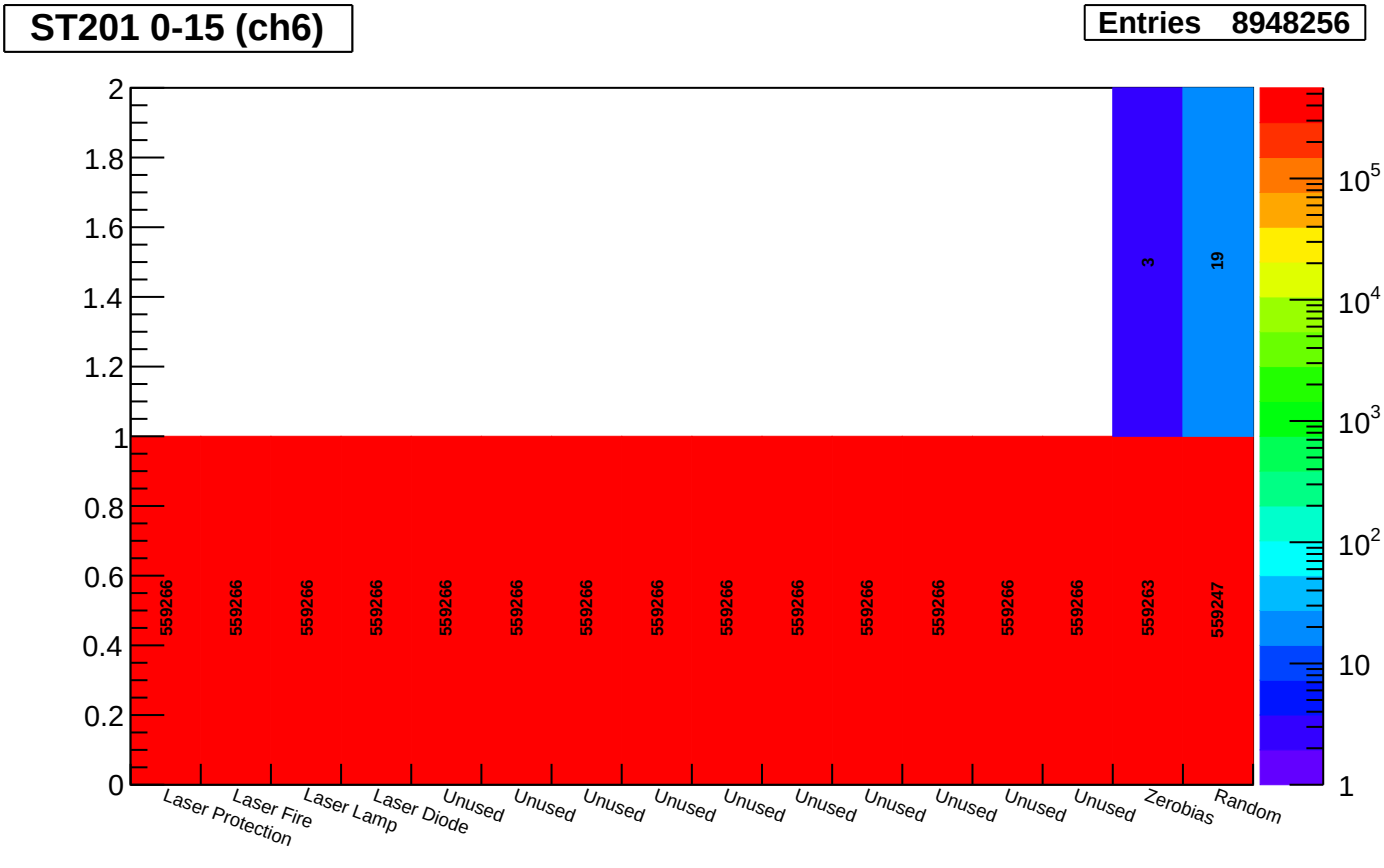

Entries 559266
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

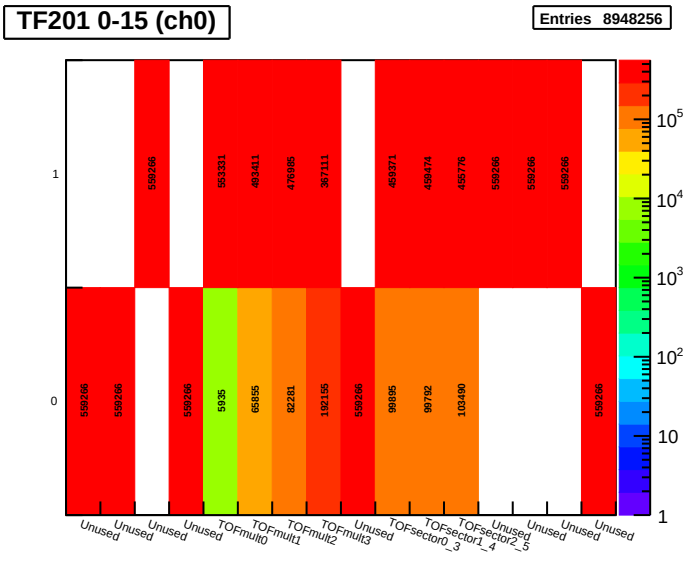

Entries 559266
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

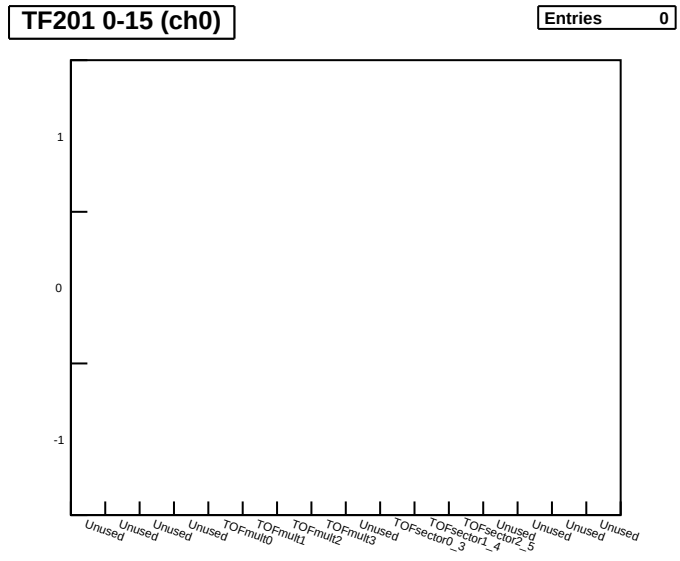

Entries 559266
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

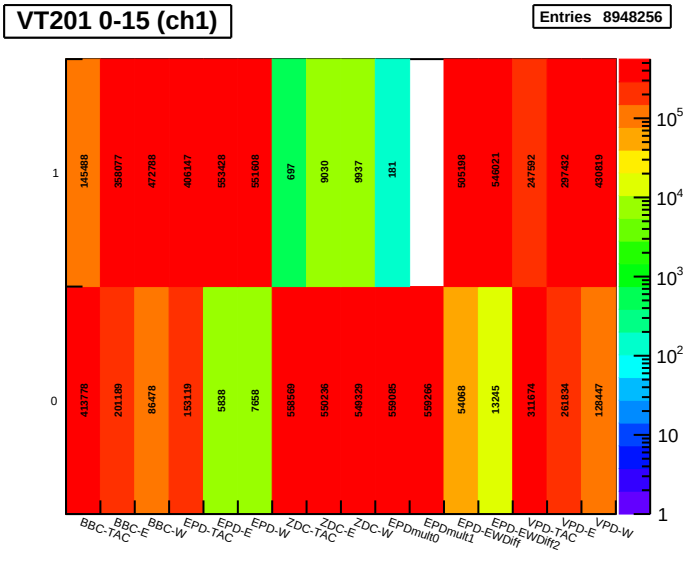

Entries 559266
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

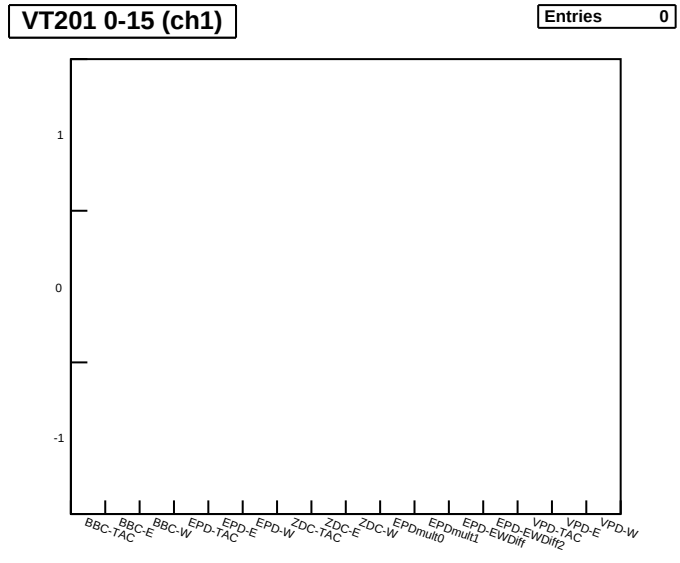

Laser Input Bits
Entries 559266
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

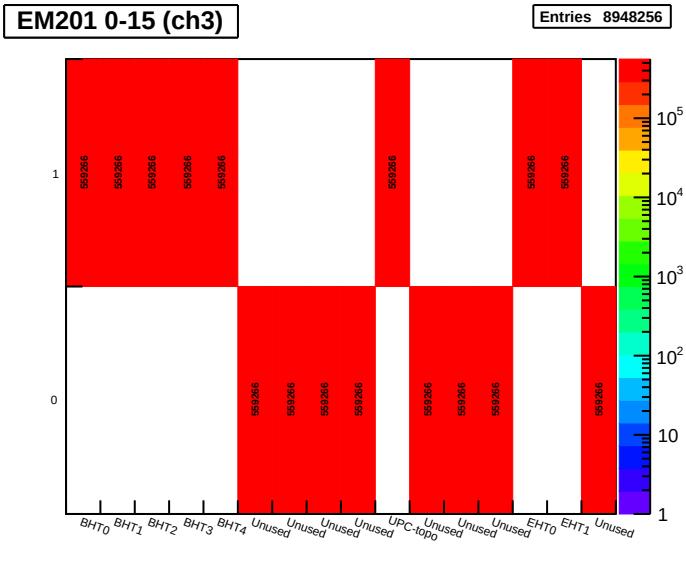

ST201 0-15 (ch6)
Entries 8948256
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
559266
559266
559266
559266
559266
559266
559266
559266
559266
559266
559266
559266
559266
559266
559263
559247
3
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

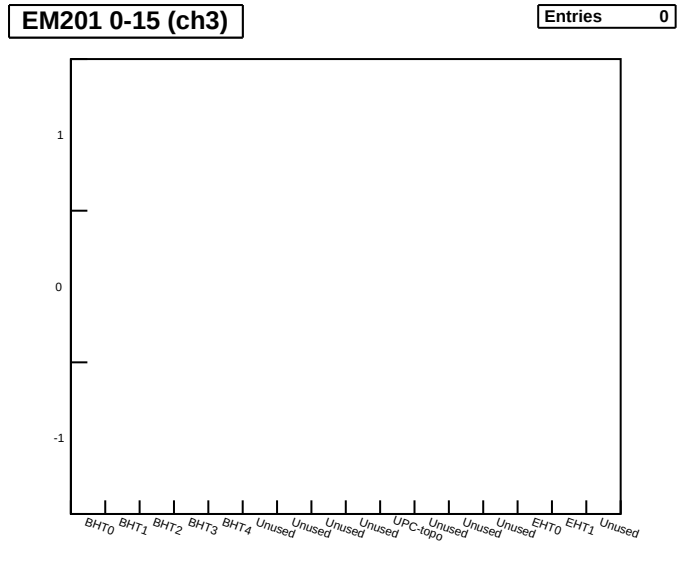

TF201 0-15 (ch0)
Entries 8948256
1
0
559266 559266 559266 5935 65855 82261 192155 559266 99895 99792 103490 559266
559266 553331 493411 476985 367111 459371 459474 435776 559266 559266 559266
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 8948256
1
0
413778 201189 86478 153119 5938 7658 559266 559266 559266 559266 559266 54068 13245 311674 261834 128447
145488 358077 472788 406147 553428 551608 697 9030 9937 181 505198 546021 247592 297432 430819
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
1 10 10^2 10^3 10^4 10^5


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 8948256
1
0
559266 559266 559266 559266 559266 559266 559266 559266 559266
559266 559266 559266 559266 559266 559266 559266 559266
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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