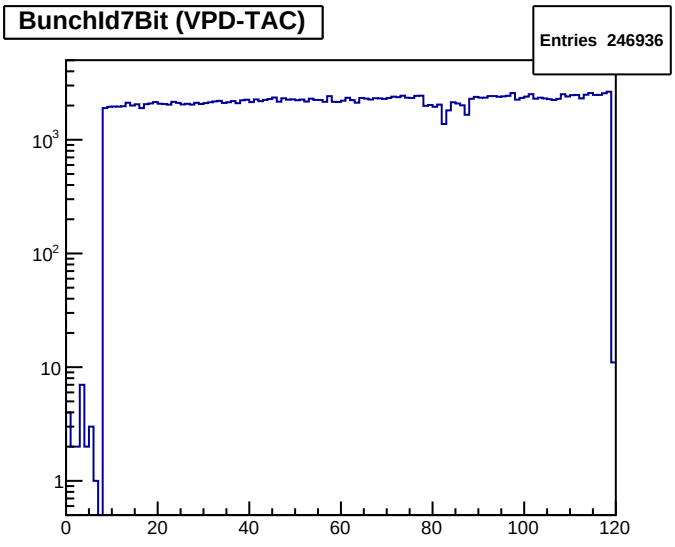
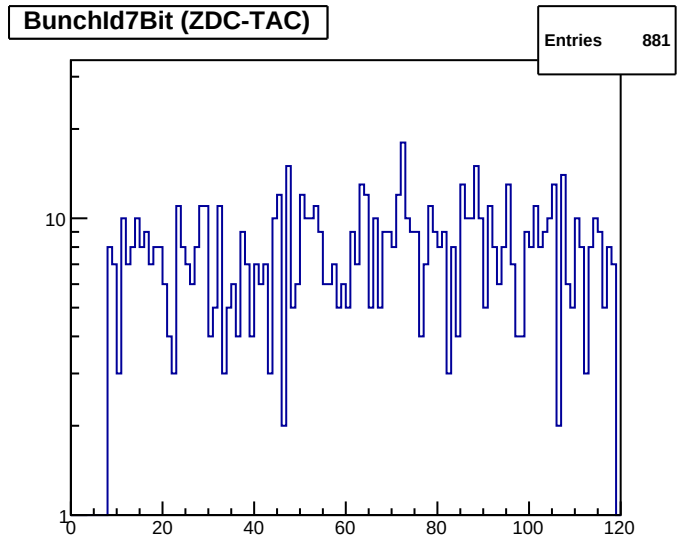
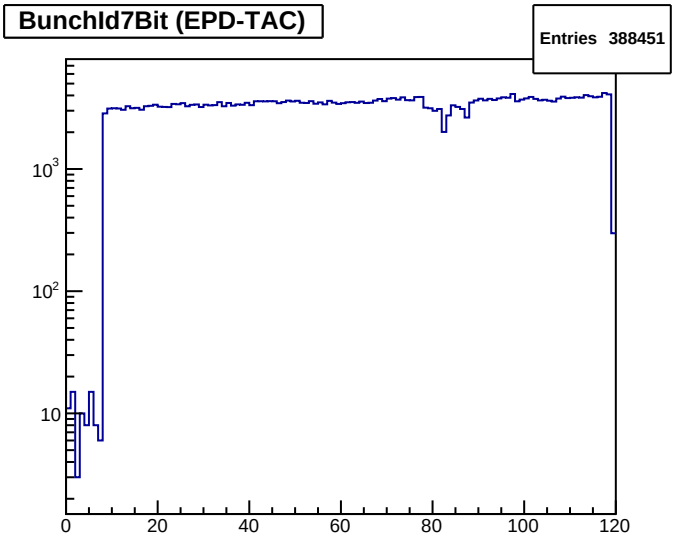
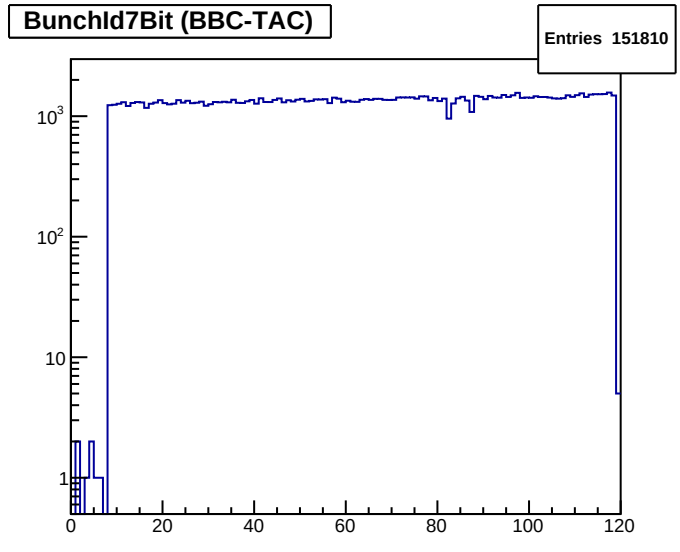
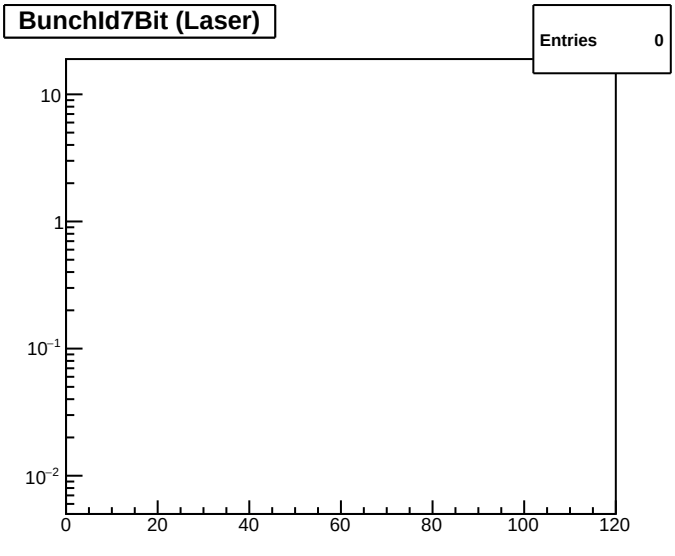
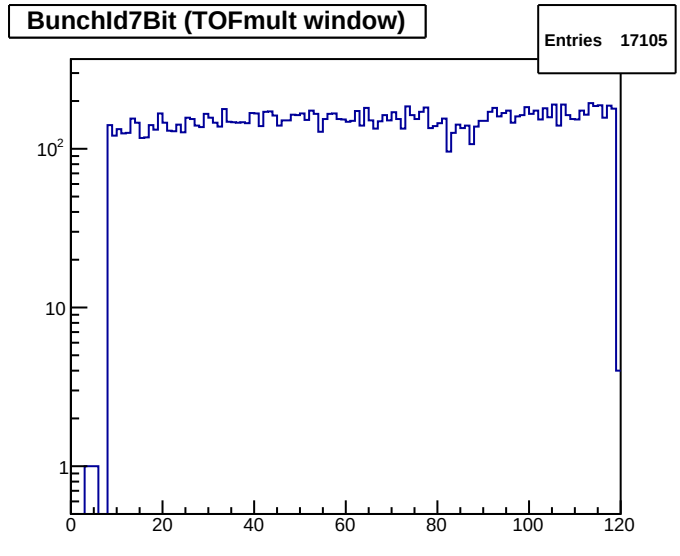

BunchId7Bit (VPD-TAC)
Entries 246936

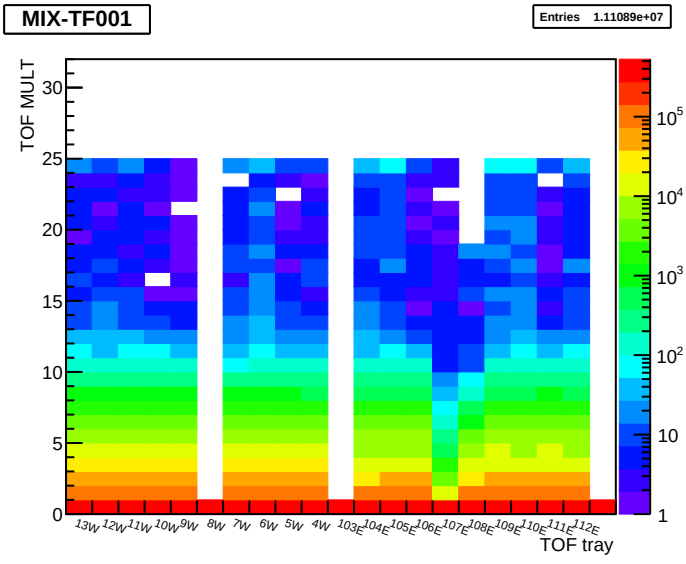

BunchId7Bit (ZDC-TAC)
Entries 881

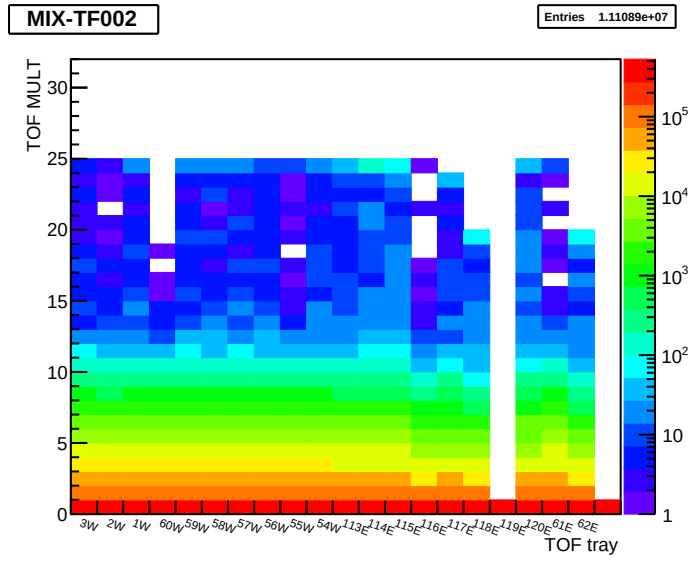

BunchId7Bit (EPD-TAC)
Entries 388451

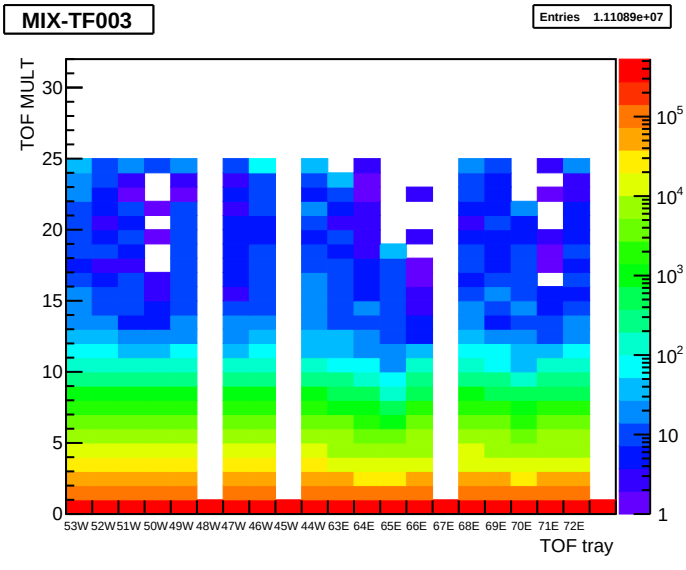

BunchId7Bit (BBC-TAC)
Entries 151810

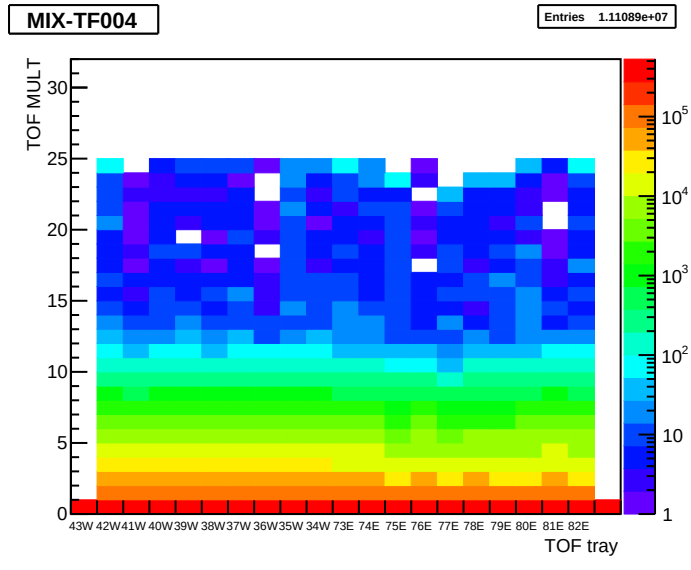

BunchId7Bit (Laser)
Entries 0

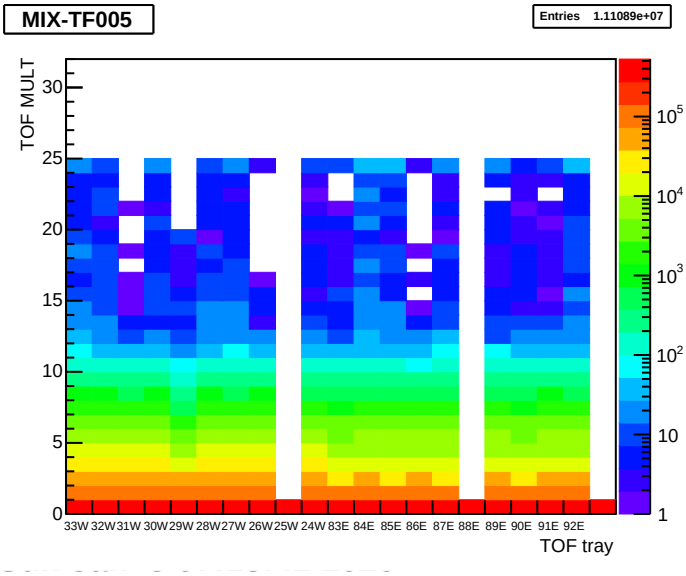

BunchId7Bit (TOFmult window)
Entries 17105

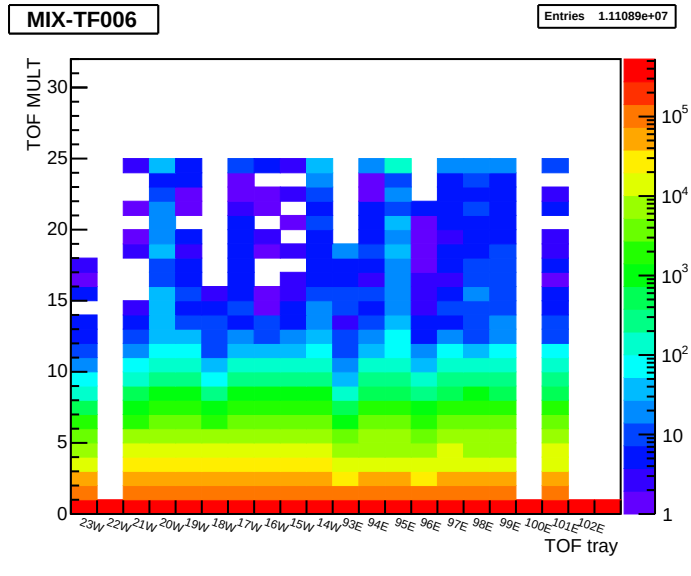

MIX-TF001
Entries 1.11089e+07
TOF MULT
TOF tray

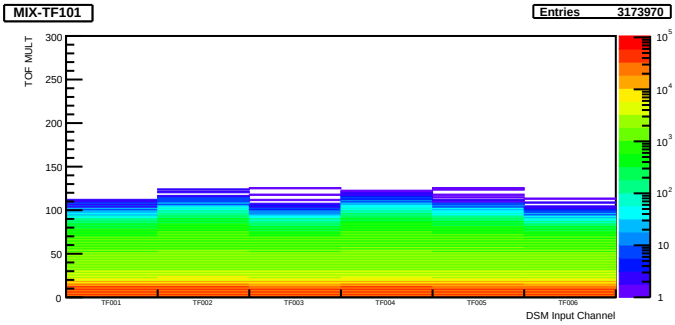

MIX-TF002
Entries 1.11089e+07
TOF MULT
TOF tray

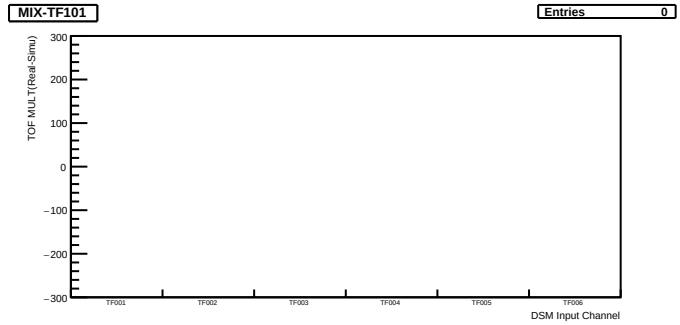

MIX-TF003
Entries 1.11089e+07
TOF MULT
TOF tray

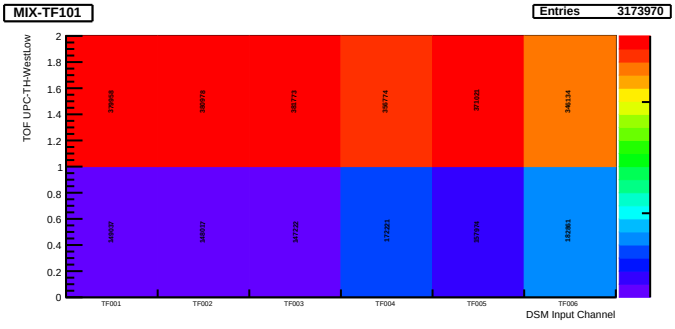

MIX-TF004
Entries 1.11089e+07
TOF MULT
TOF tray

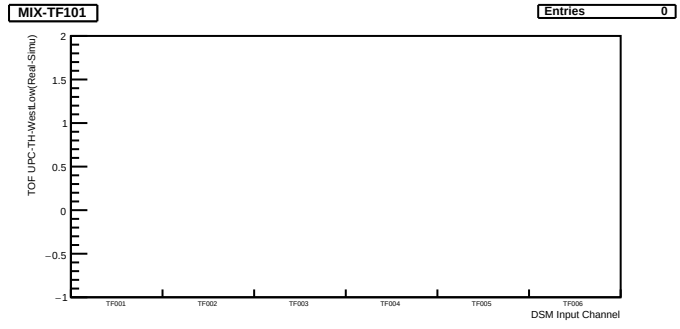

MIX-TF005
Entries 1.11089e+07
TOF MULT
TOF tray

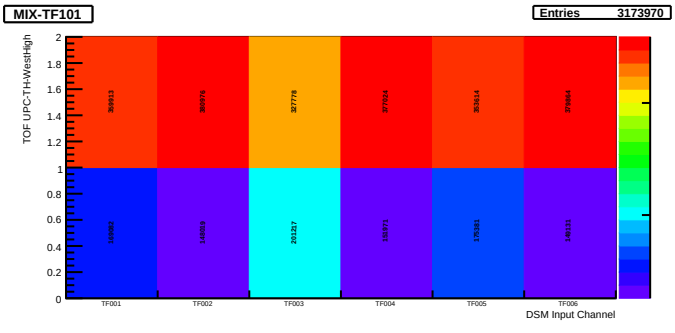

MIX-TF006
Entries 1.11089e+07
TOF MULT
TOF tray

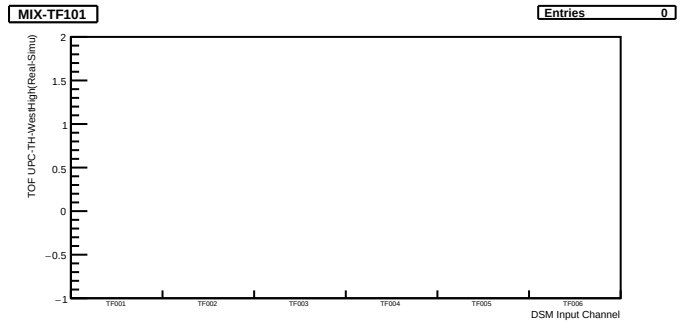

MIX-TF101
Entries 3173970
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

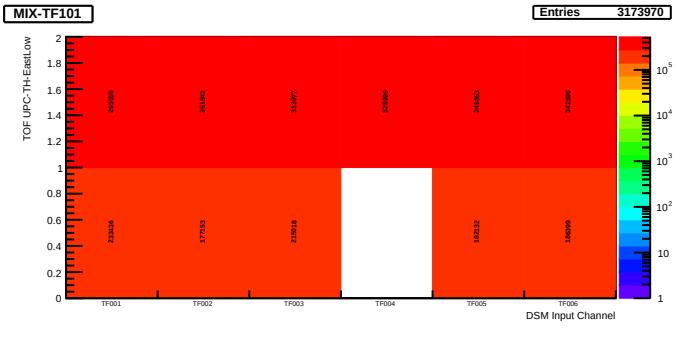

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

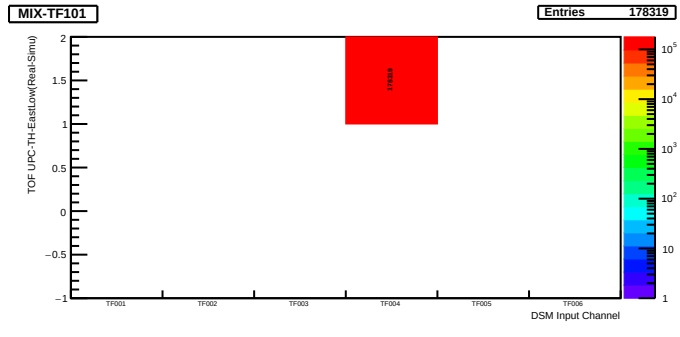

MIX-TF101
Entries 3173970
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

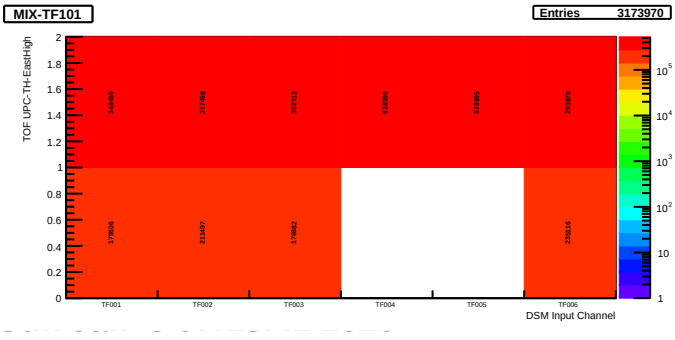

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

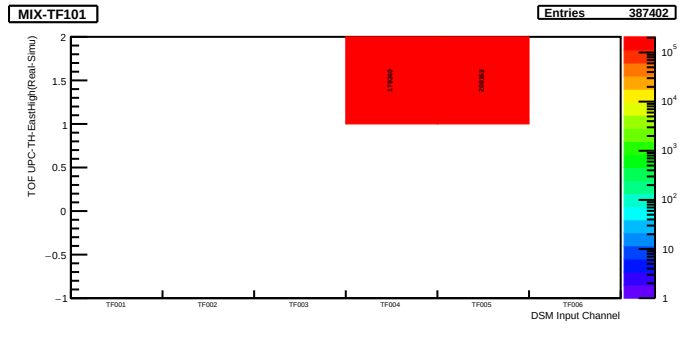

MIX-TF101
Entries 3173970
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

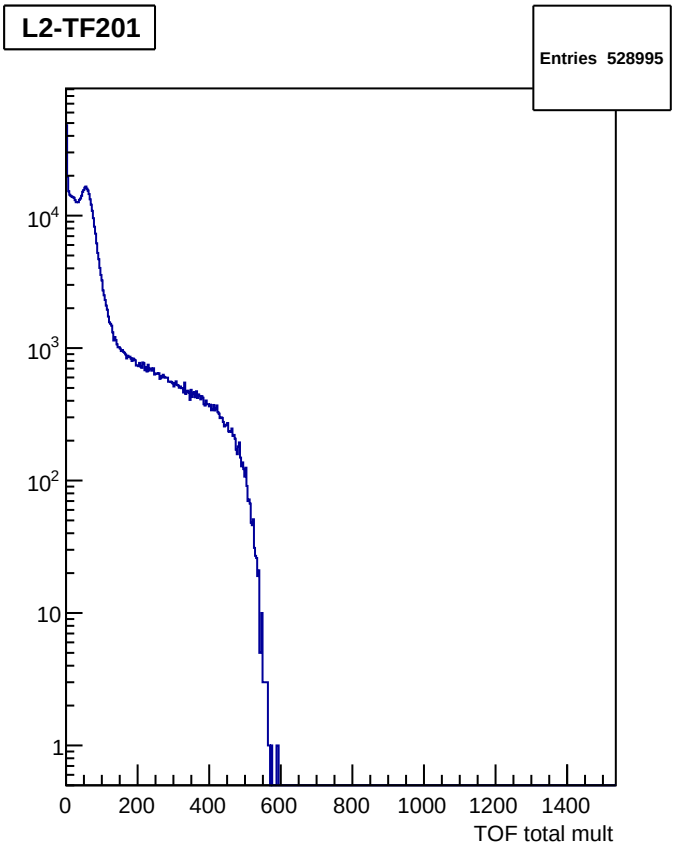

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

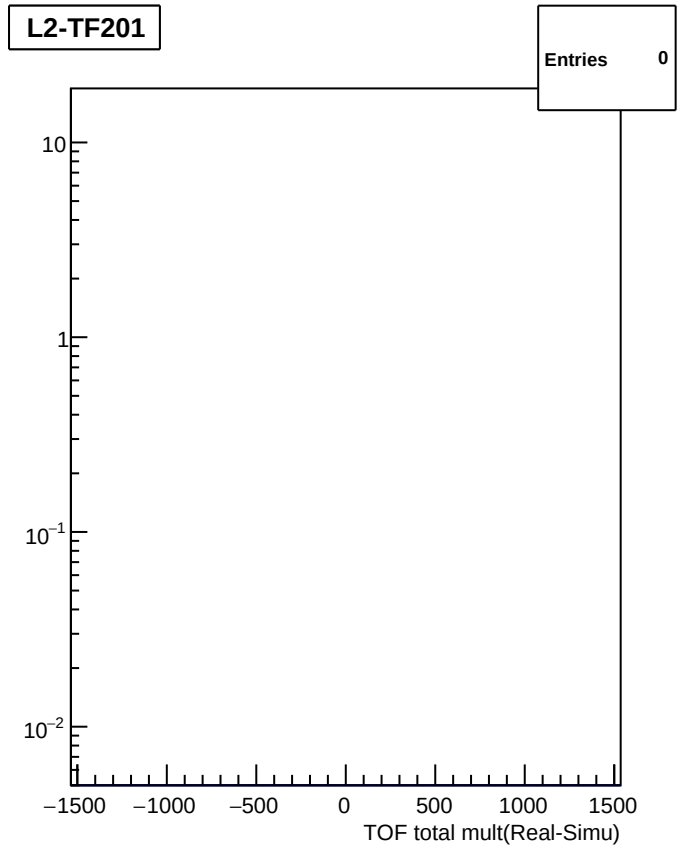

MIX-TF101
Entries 3173970
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

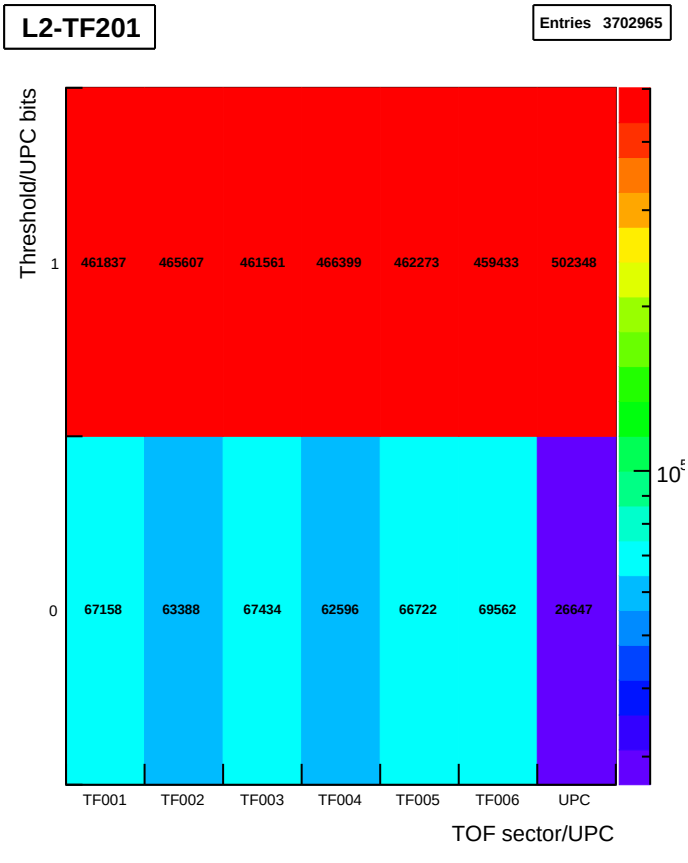

MIX-TF101
Entries 178319
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

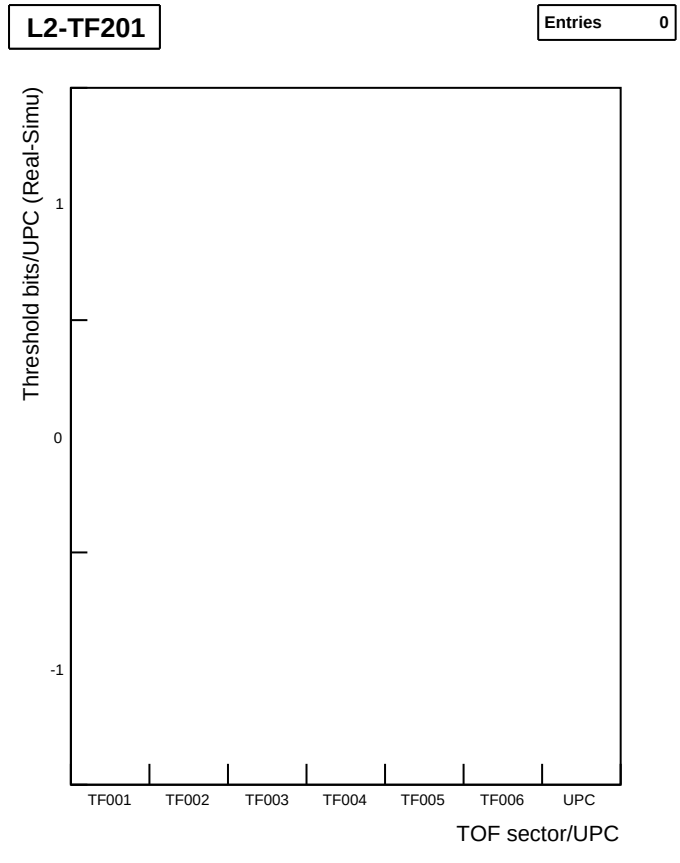

MIX-TF101
Entries 3173970
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

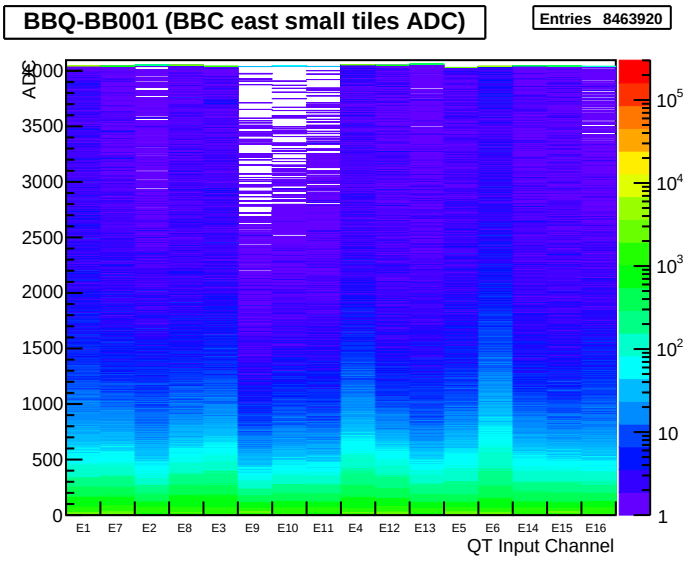

MIX-TF101
Entries 387402
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

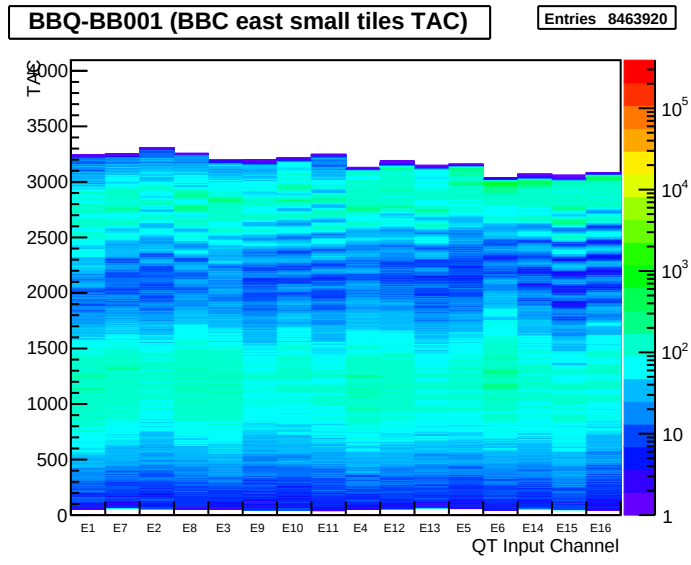

L2-TF201
Entries 528995
TOF total mult

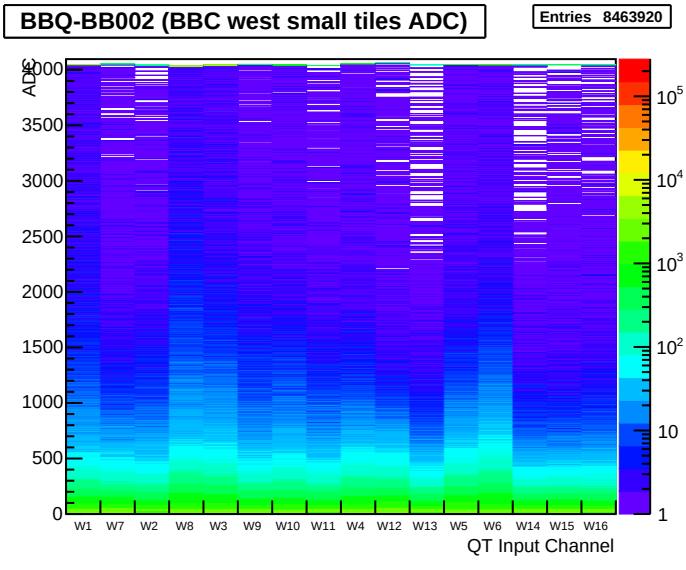

L2-TF201
Entries 0
TOF total mult(Real-Simu)

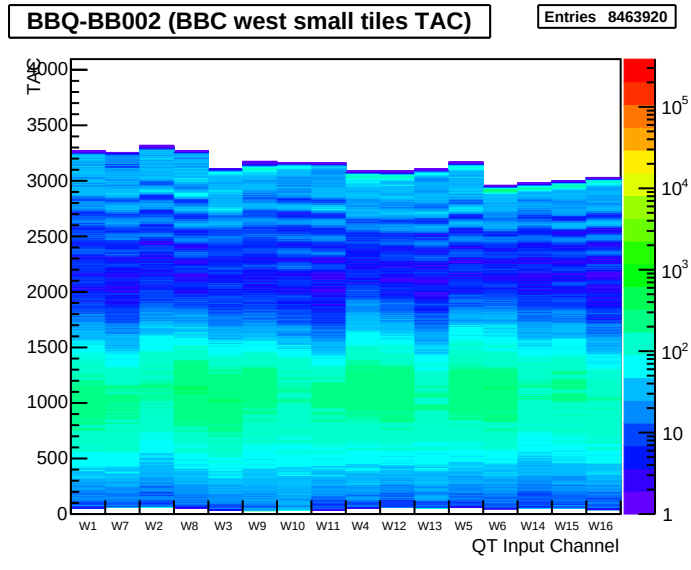

L2-TF201
Entries 3702965
Threshold/UPC bits
461837
465607
461561
466399
462273
459433
502348
67158
63388
67434
62596
66722
69562
26647
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

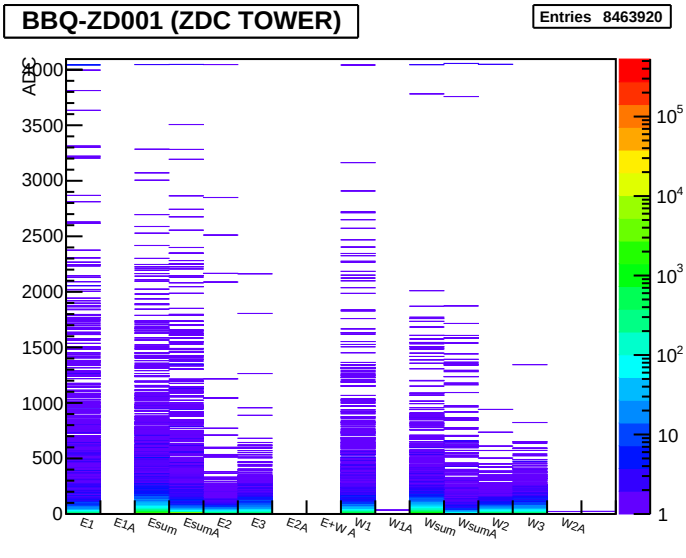

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

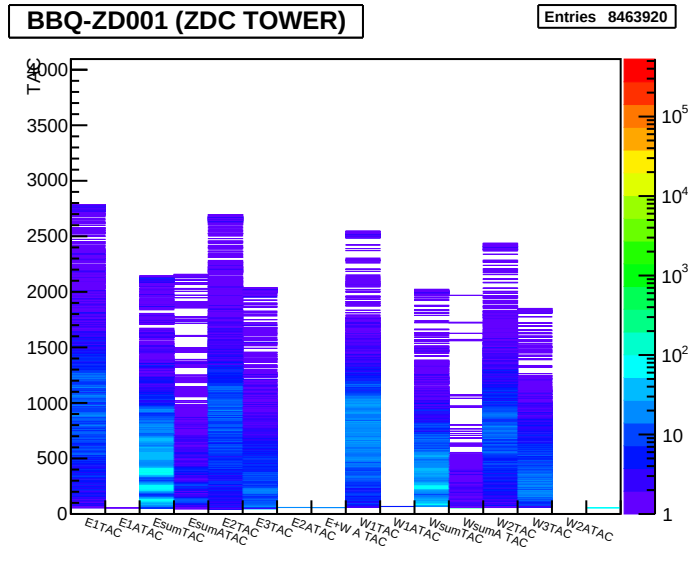

BBQ-BB001 (BBC east small tiles ADC)
Entries 8463920
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

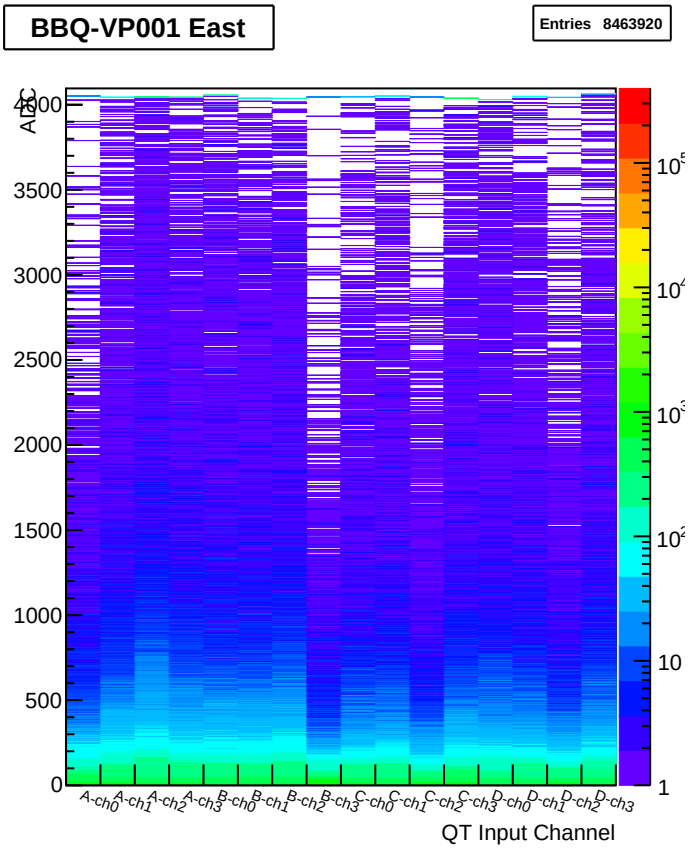

BBQ-BB001 (BBC east small tiles TAC)
Entries 8463920
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

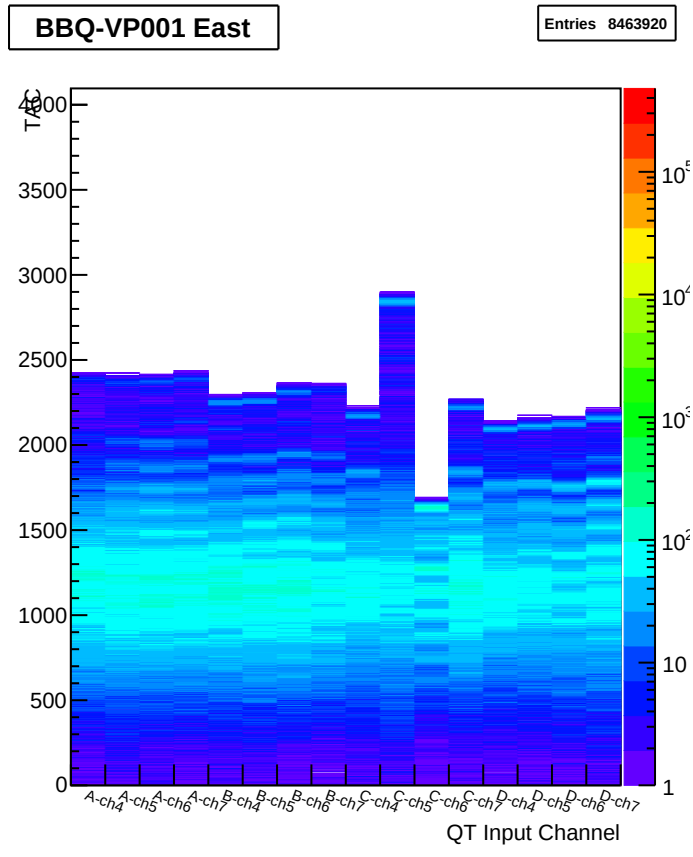

BBQ-BB002 (BBC west small tiles ADC)
Entries 8463920
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

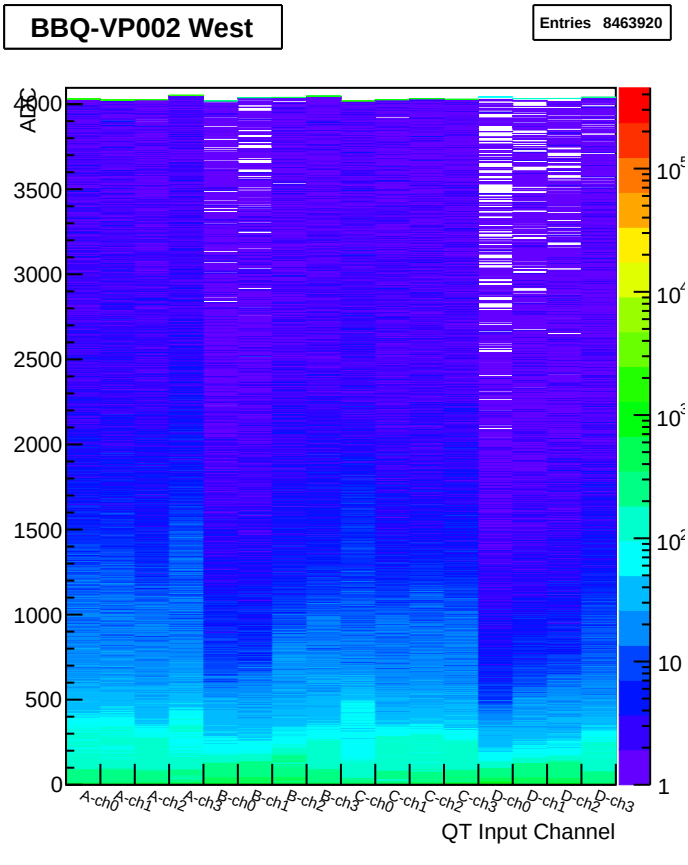

BBQ-BB002 (BBC west small tiles TAC)
Entries 8463920
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

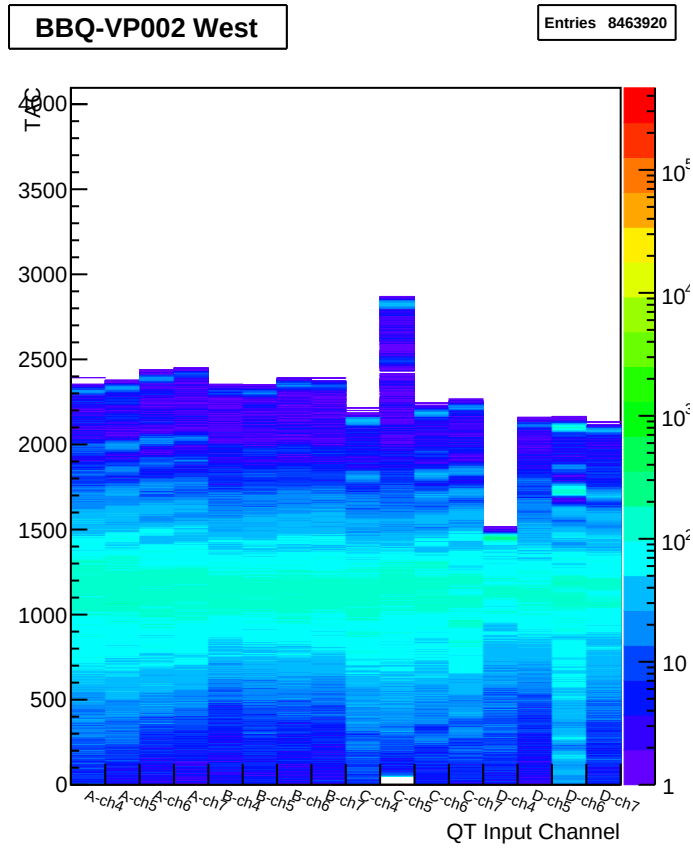

BBQ-ZD001 (ZDC TOWER)
Entries 8463920
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

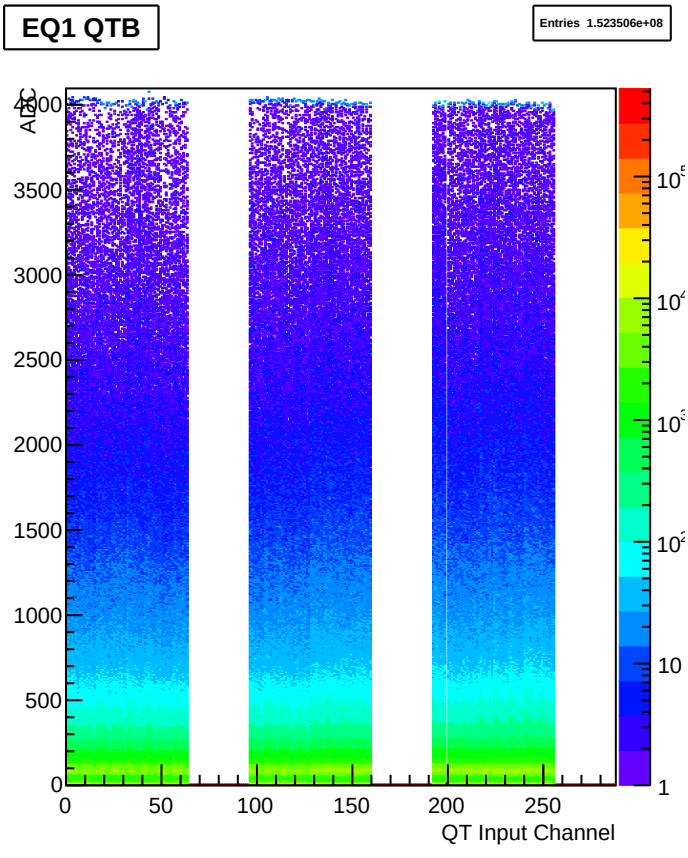

BBQ-ZD001 (ZDC TOWER)
Entries 8463920
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

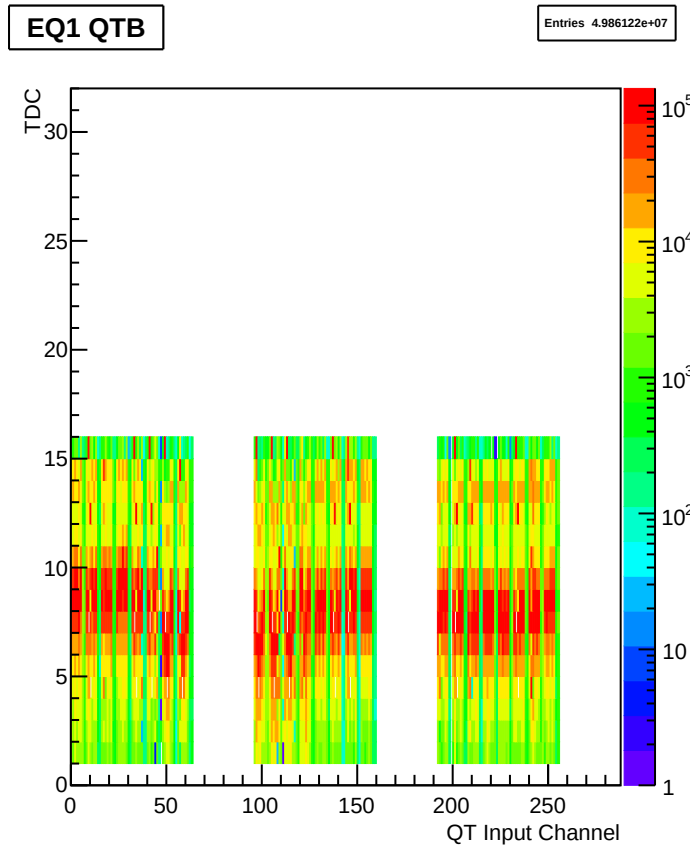

BBQ-VP001 East
Entries 8463920
ADC
QT Input Channel

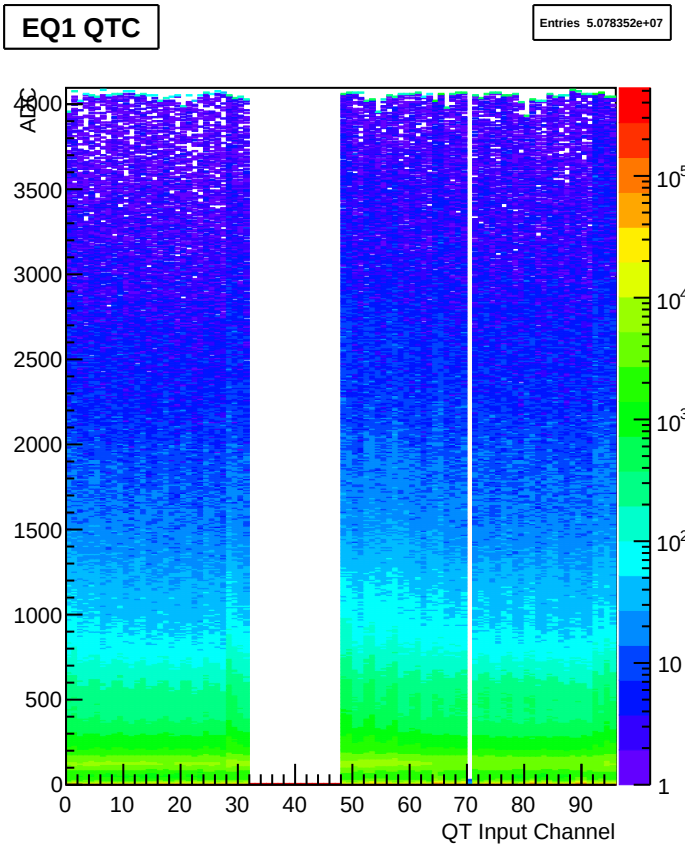

BBQ-VP001 East
Entries 8463920
TADC
QT Input Channel

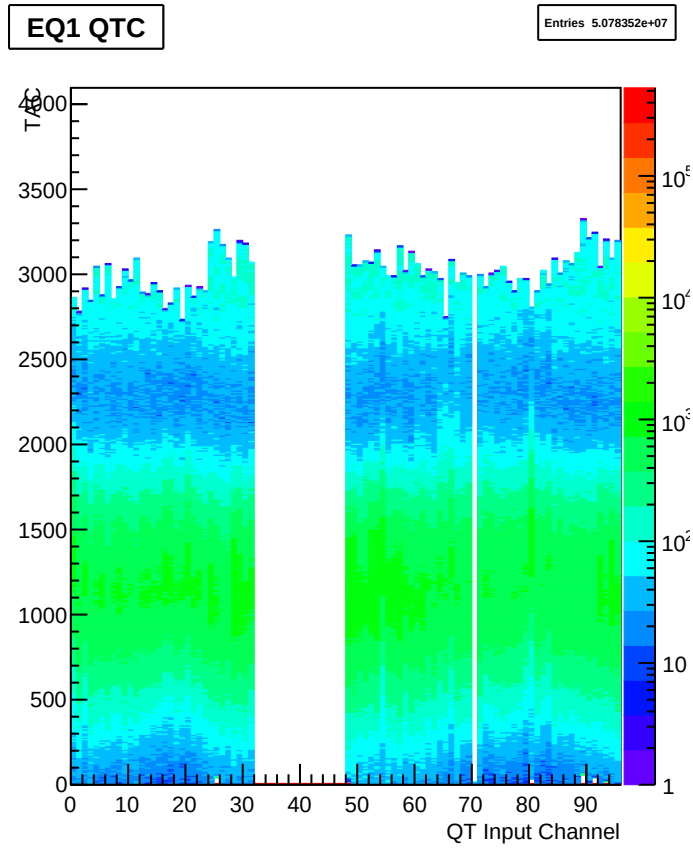

BBQ-VP002 West
Entries 8463920
ADC
QT Input Channel

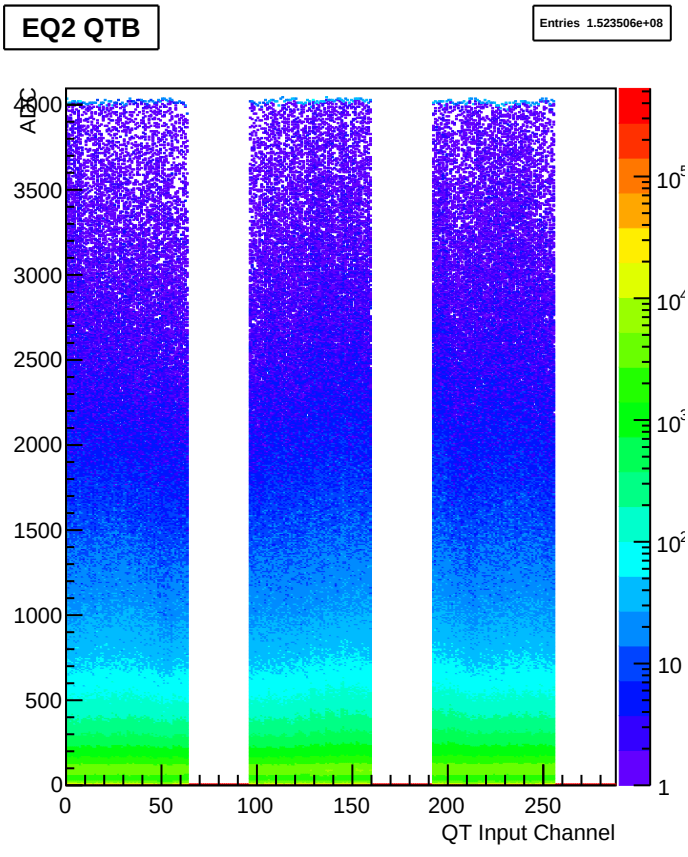

BBQ-VP002 West
Entries 8463920
TADC
QT Input Channel

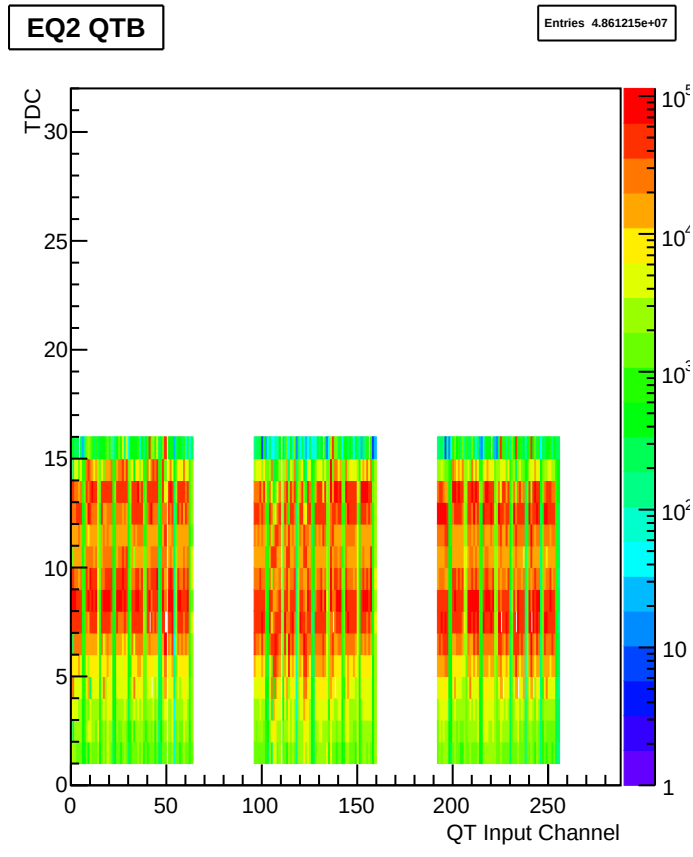

EQ1 QTB
Entries 1.523506e+08
ADC
QT Input Channel

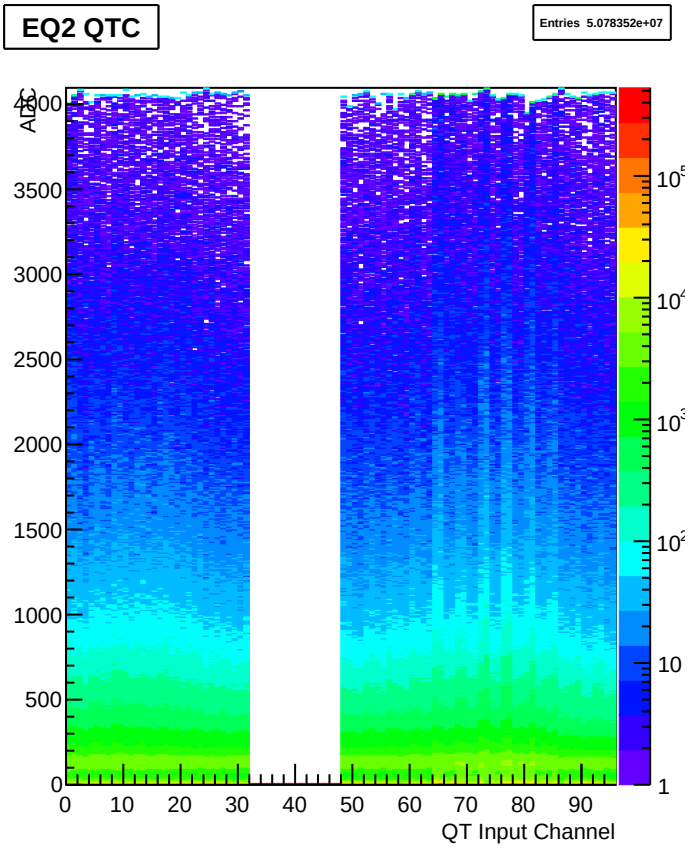

EQ1 QTB
Entries 4.986122e+07
TDC
QT Input Channel

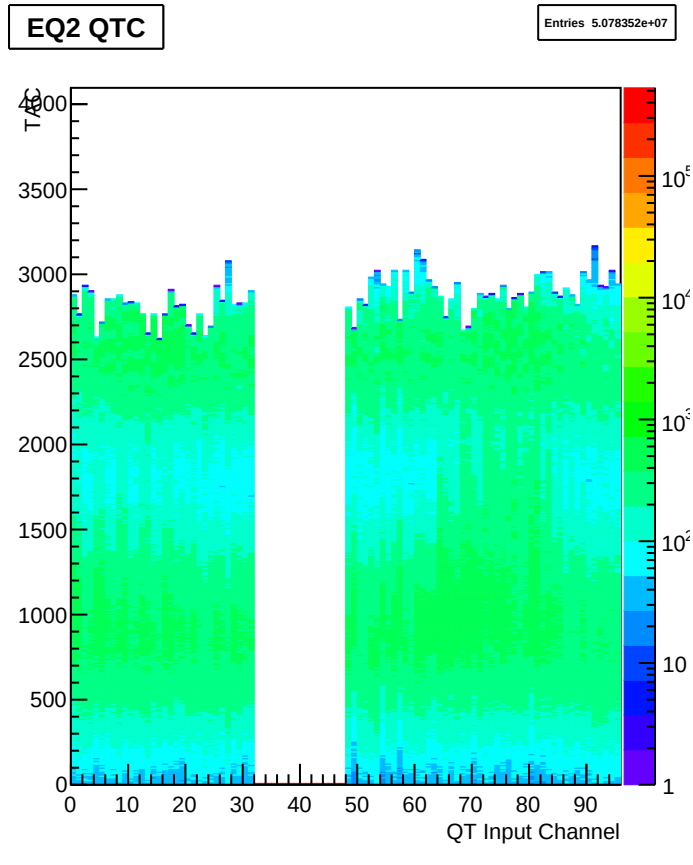

EQ1 QTC
Entries 5.078352e+07
ADC
QT Input Channel

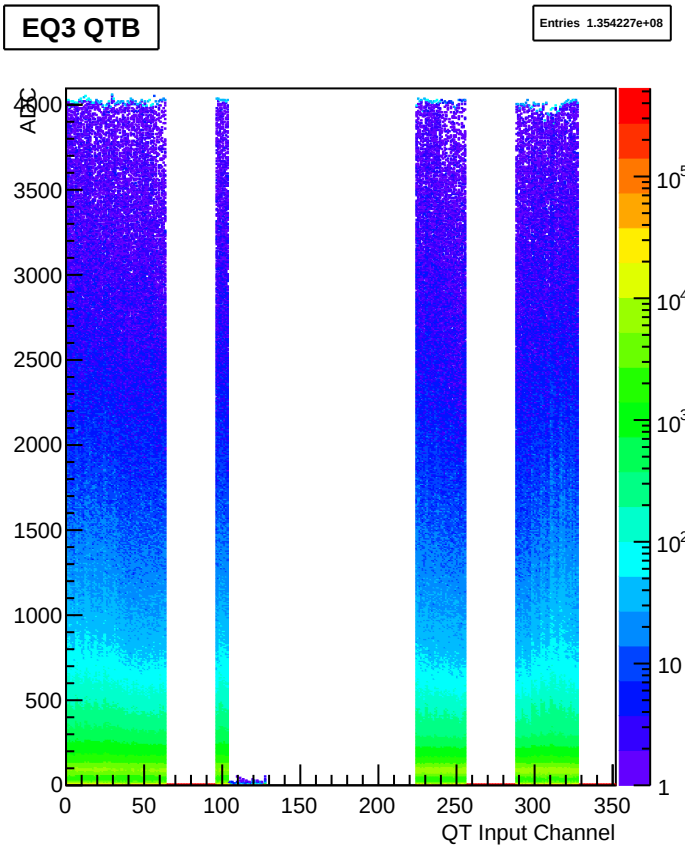

EQ1 QTC
Entries 5.078352e+07
TADC
QT Input Channel

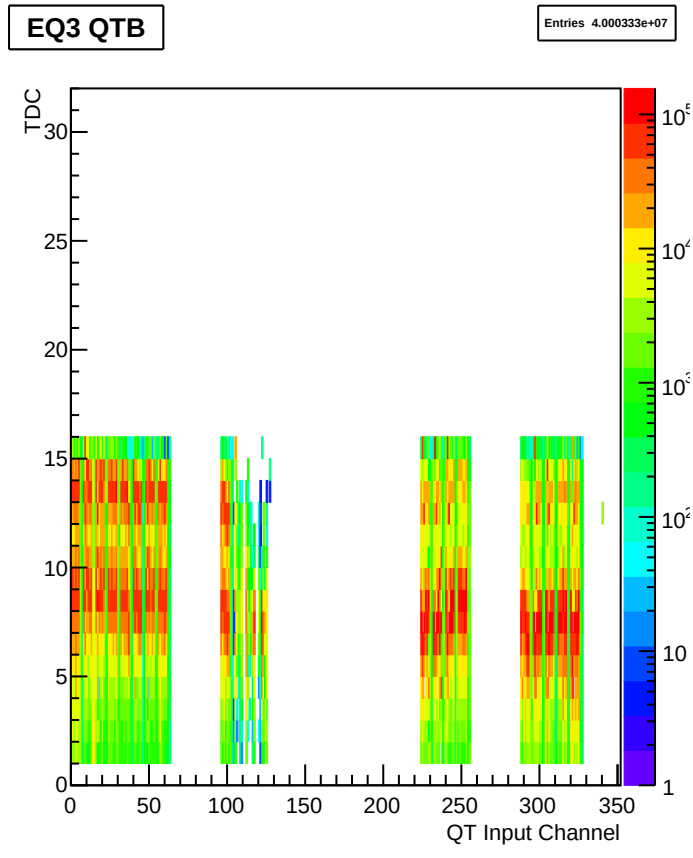

EQ2 QTB
Entries 1.523506e+08
ADC
QT Input Channel

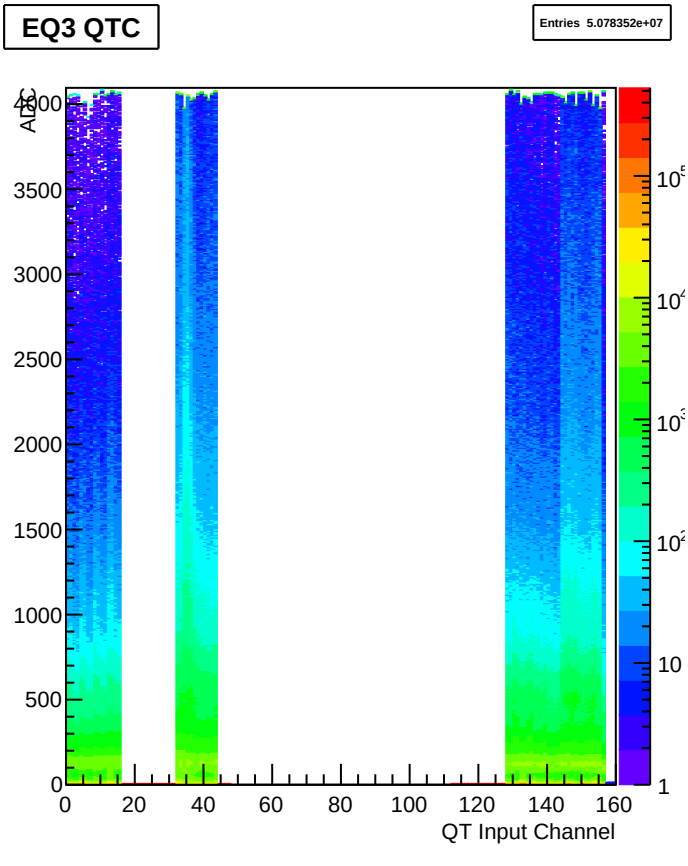

EQ2 QTB
Entries 4.861215e+07
TDC
QT Input Channel

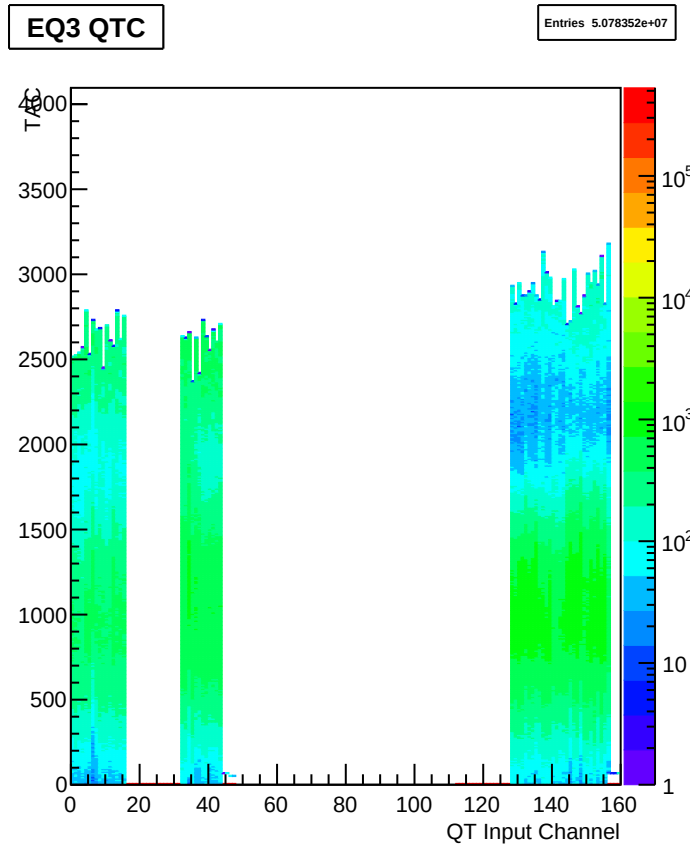

EQ2 QTC
Entries 5.078352e+07
ADC
QT Input Channel

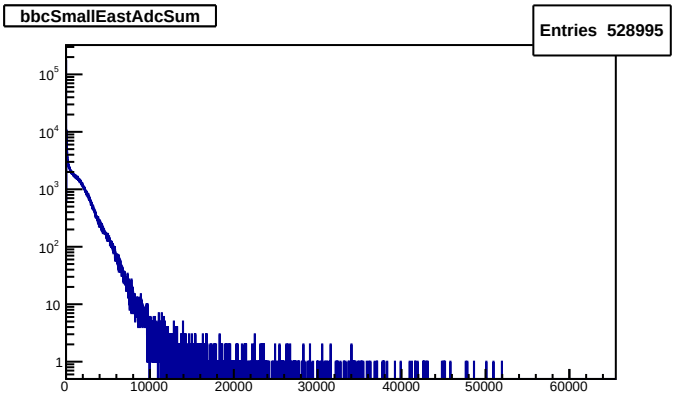

EQ2 QTC
Entries 5.078352e+07
TADC
QT Input Channel

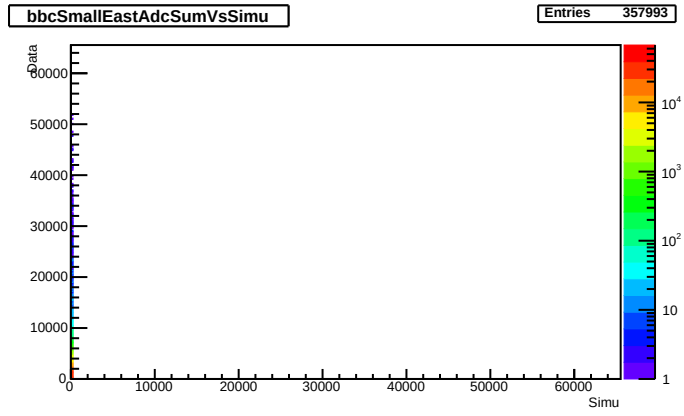

EQ3 QTB
Entries 1.354227e+08
ADC
QT Input Channel

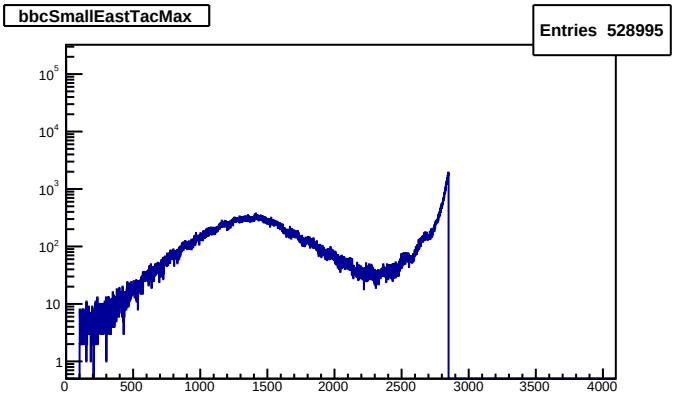

EQ3 QTB
Entries 4.000333e+07
TDC
QT Input Channel

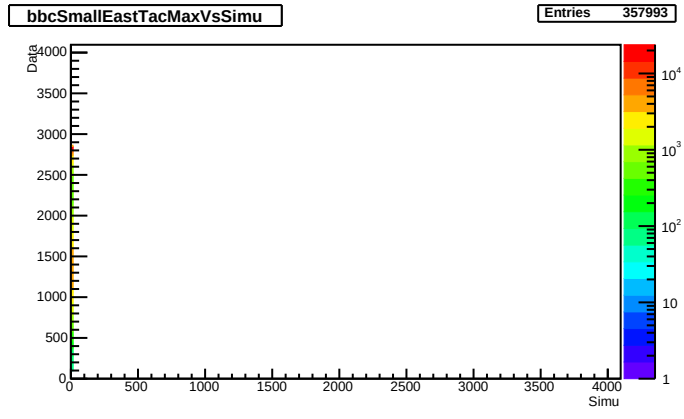

EQ3 QTC
Entries 5.078352e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.078352e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 528995


bbcSmallEastAdcSumVsSimu
Entries 357993
Data
Simu


bbcSmallEastTacMax
Entries 528995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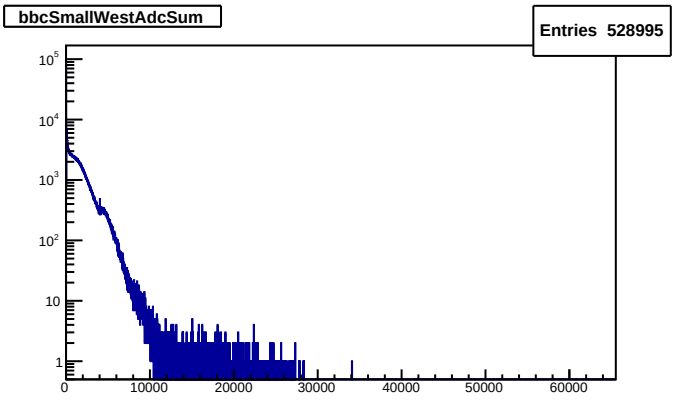
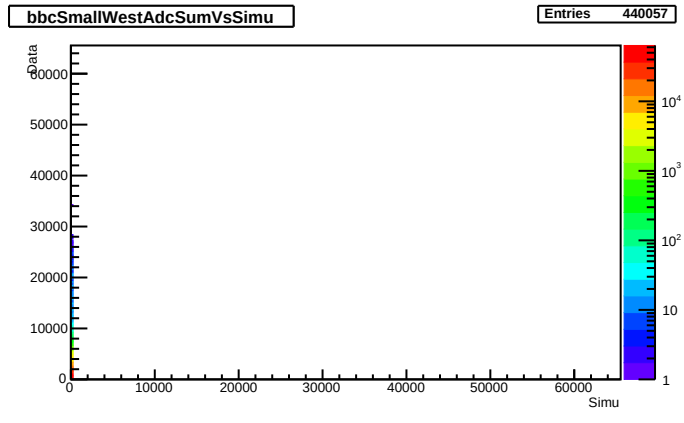
Entries 357993
Data
Simu


bbcSmallWestAdcSum
Entries 528995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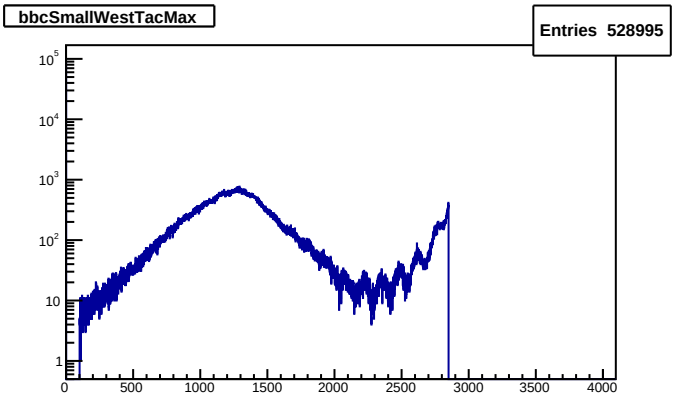
Entries 440057
Data
Simu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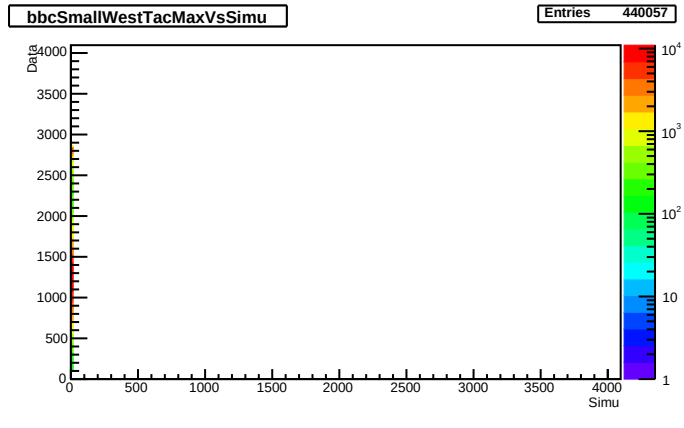
Entries 528995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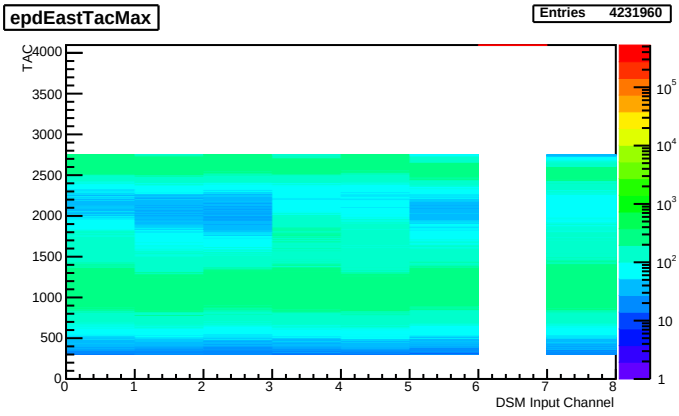
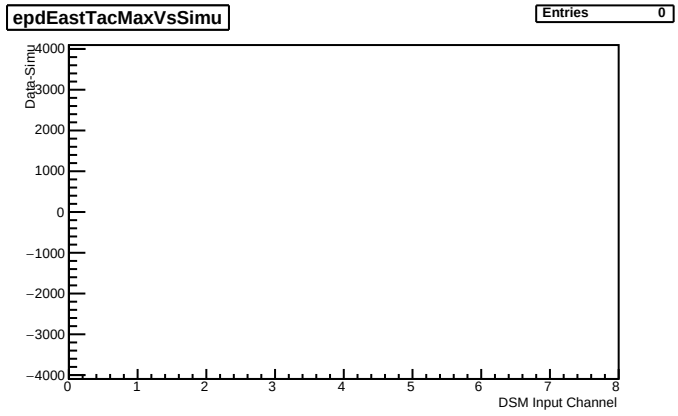
Entries 440057
Data
Simu


epdEastTacMax
Entries 4231960
TAC
DSM Input Channel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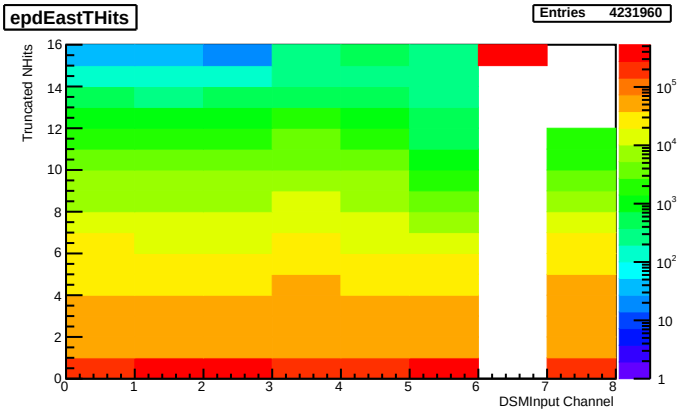
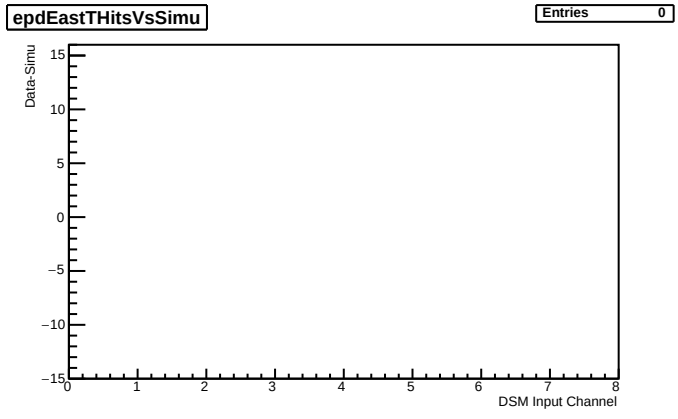
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4231960
Truncated NHits
DSMInput Channel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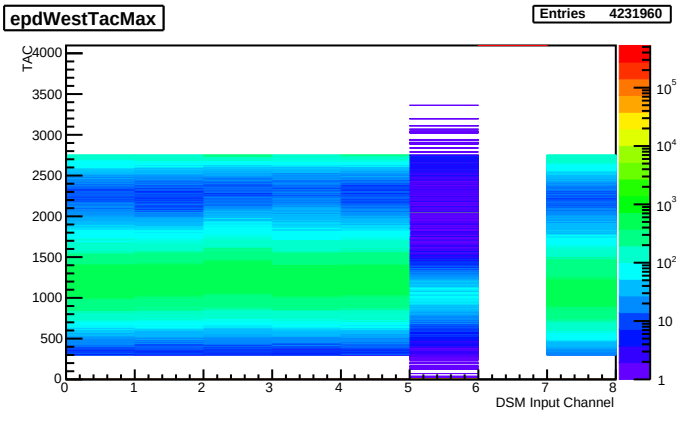
Entries 0
Data-Simu
DSM Input Channel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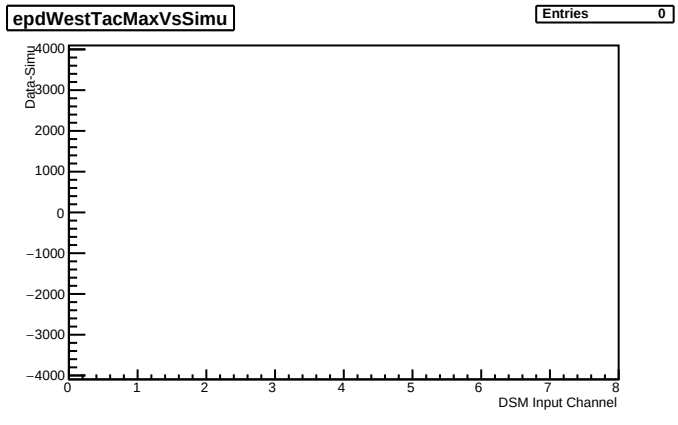
Entries 4231960
TAC
DSM Input Channel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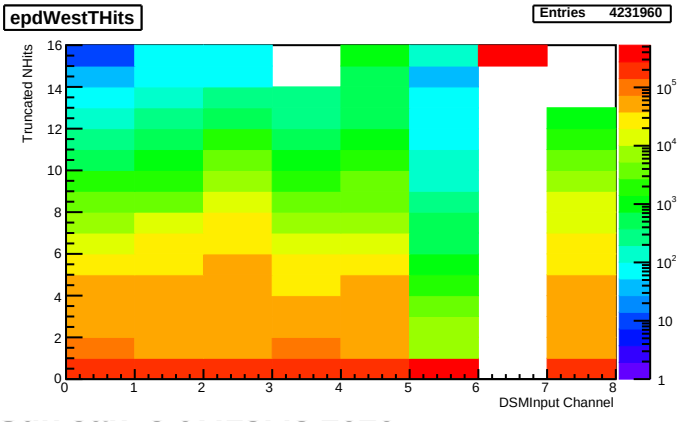
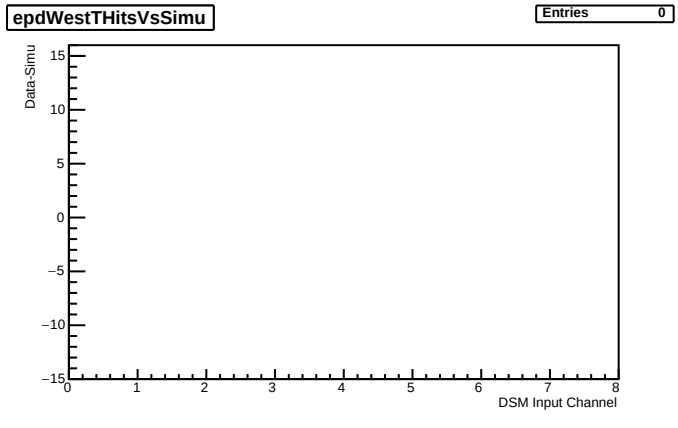
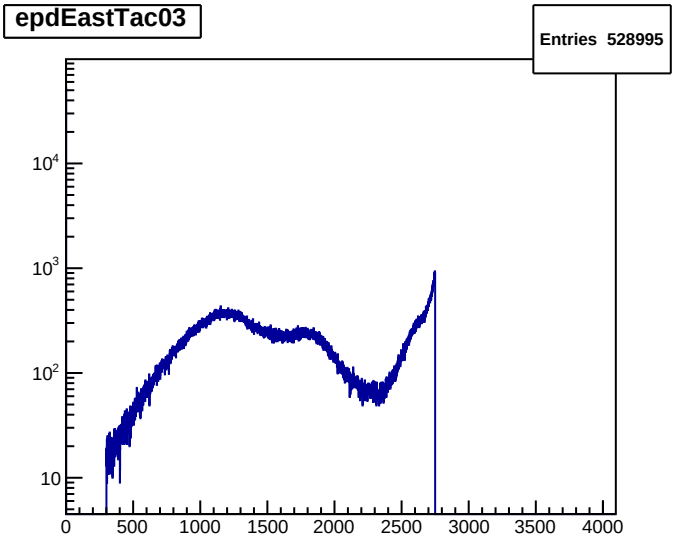
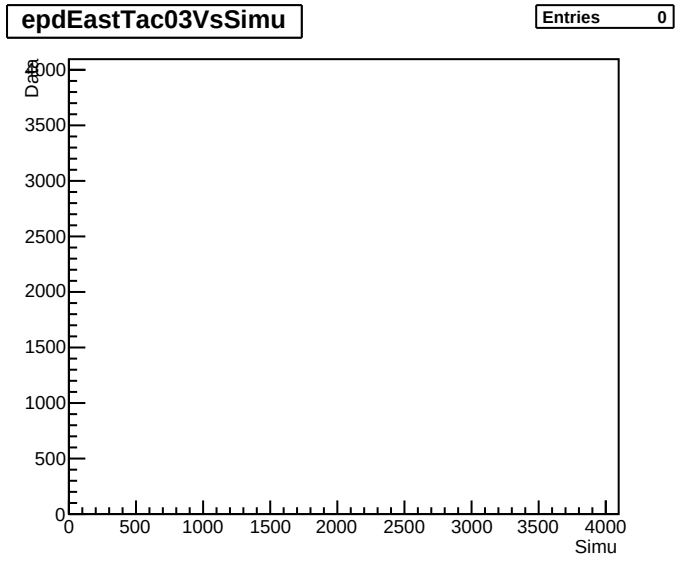
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4231960
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 528995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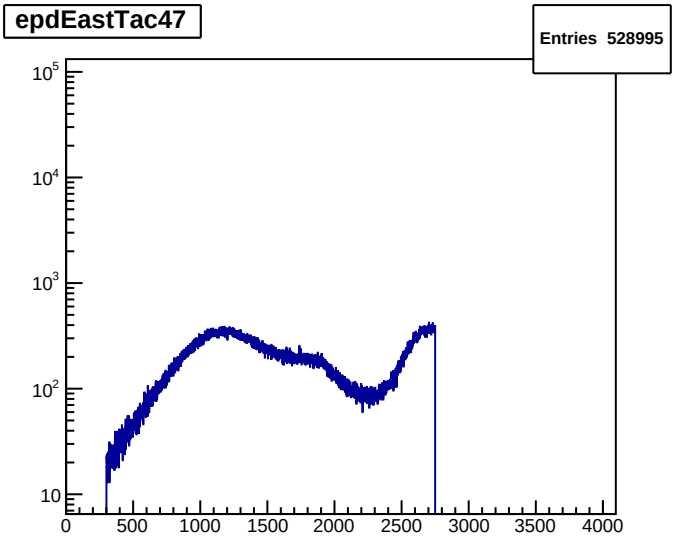
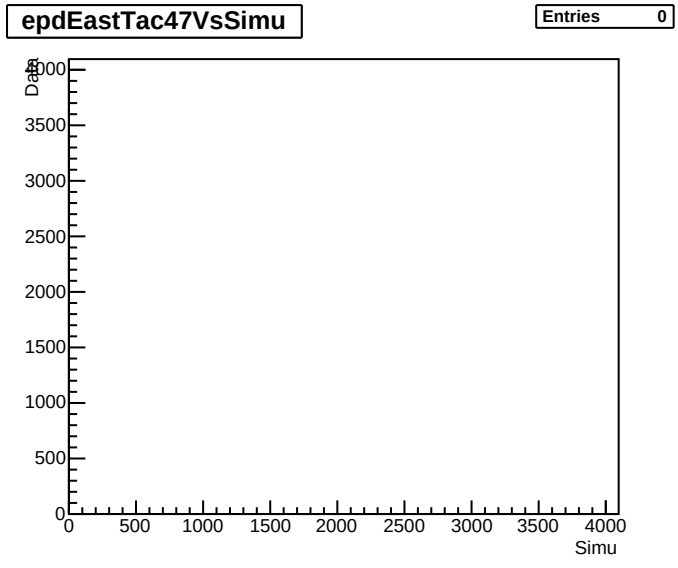
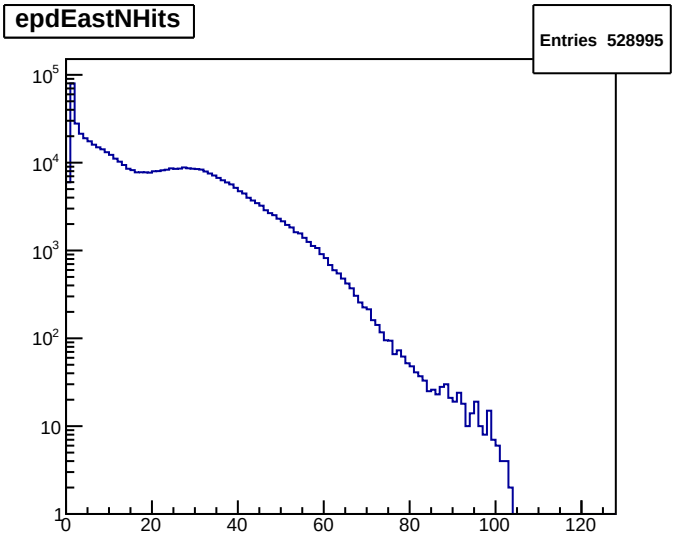
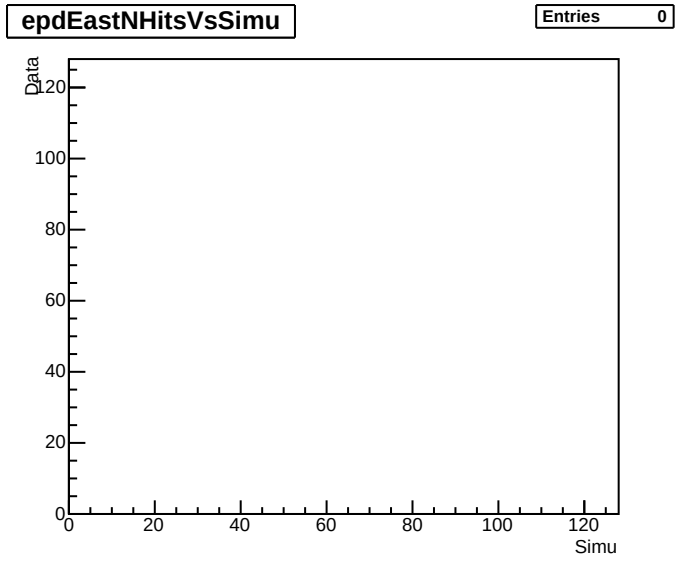
Entries 0
Data
Simu


epdEastTac47
Entries 528995


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 528995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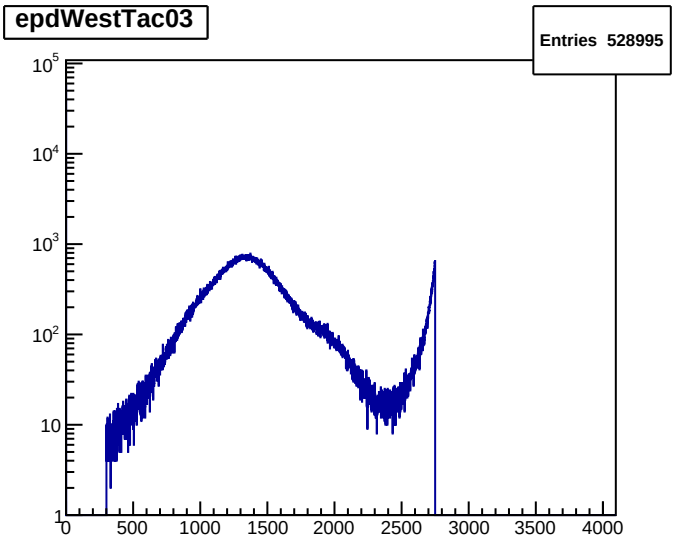
Entries 0
Data
Simu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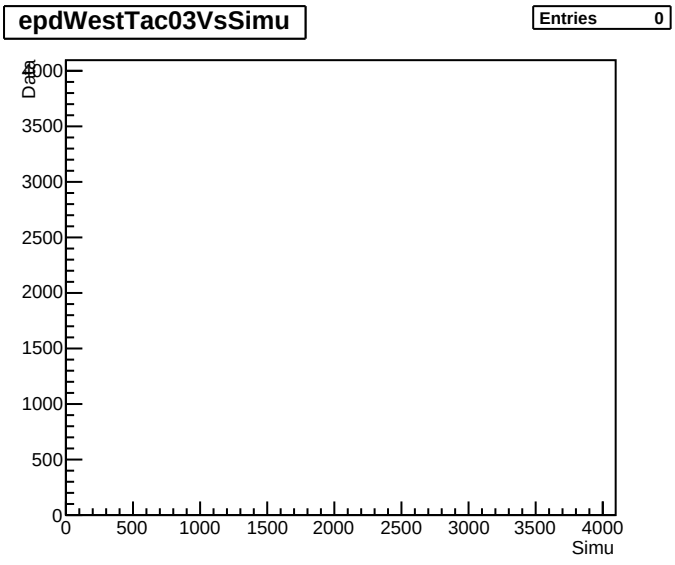
Entries 528995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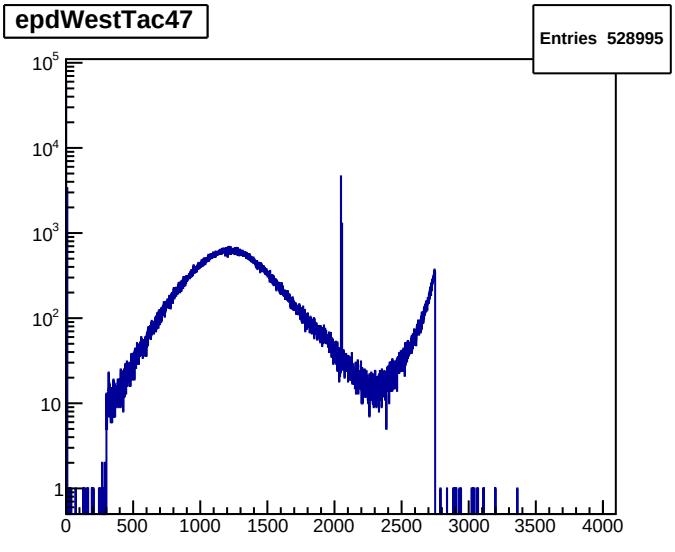
Entries 0
Data
Simu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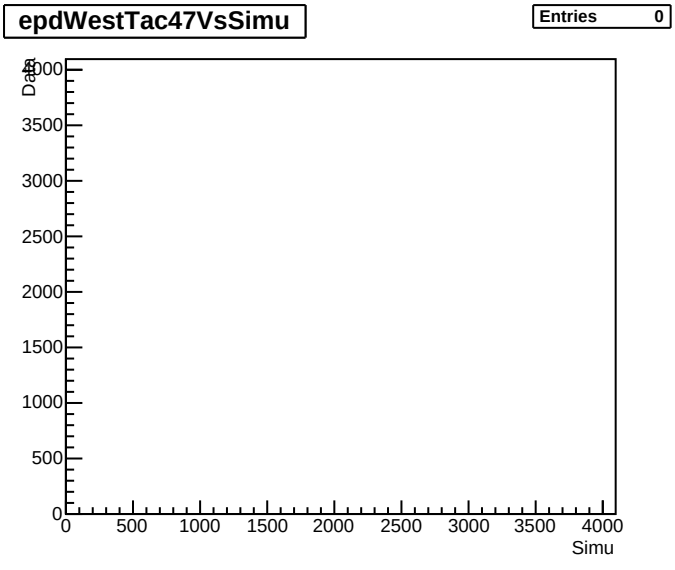
Entries 528995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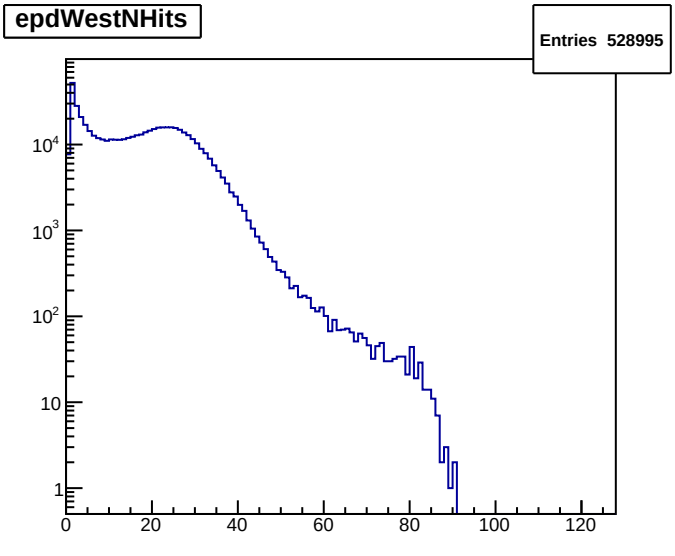
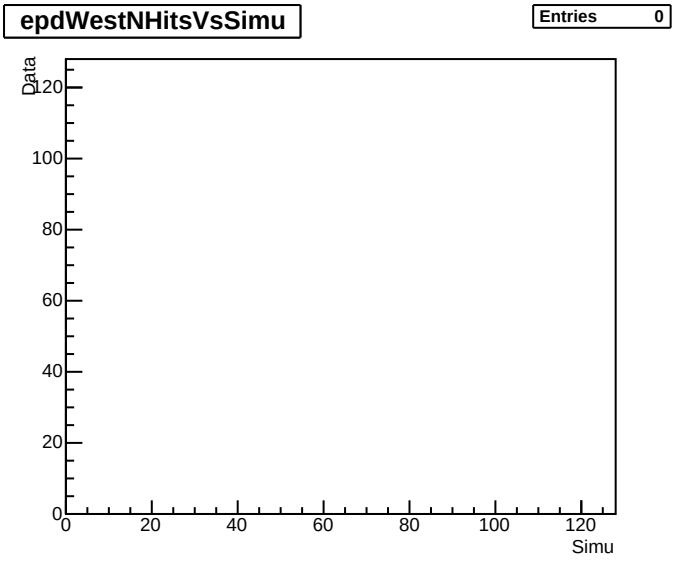
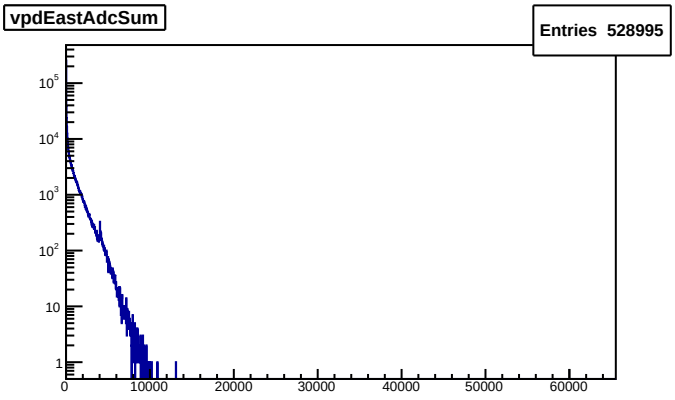
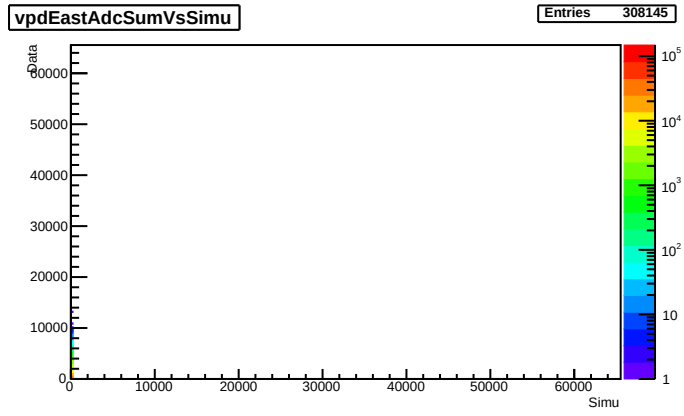
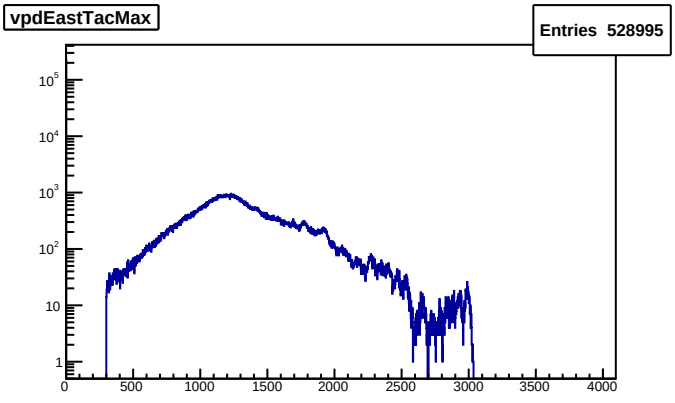
Entries 0
Data
Simu

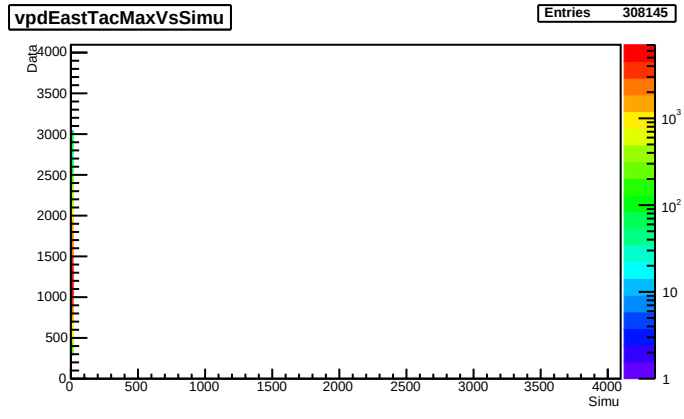

epdWestNHits
Entries 528995

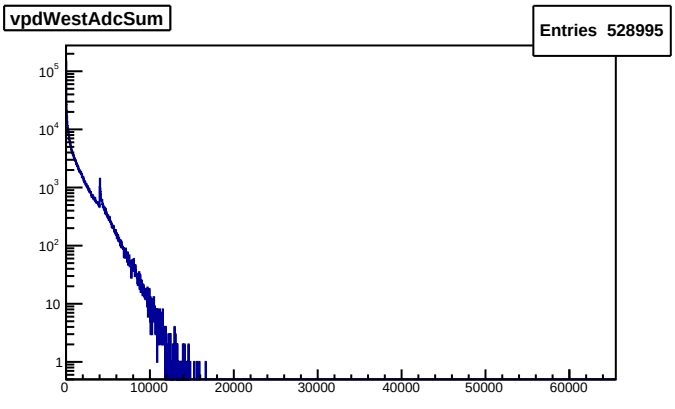

epdWestNHitsVsSimu
Entries 0
Data
Simu

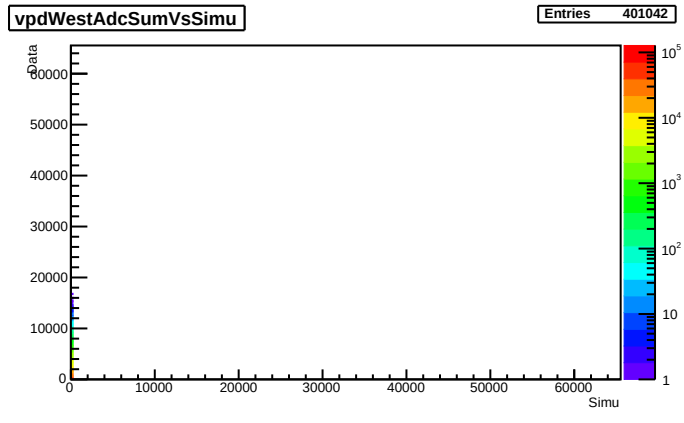

vpdEastAdcSum
Entries 528995

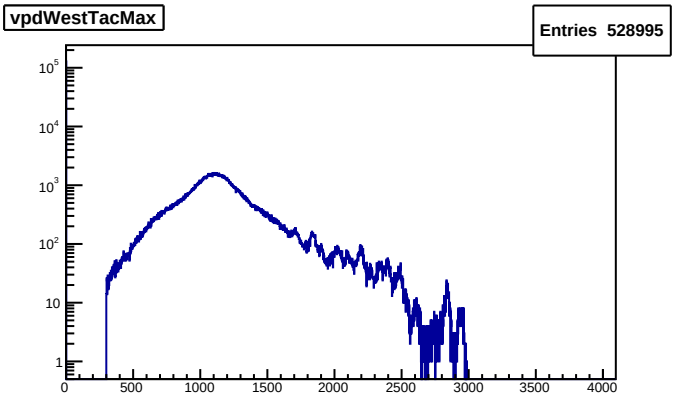

vpdEastAdcSumVsSimu
Entries 308145
Data
Simu

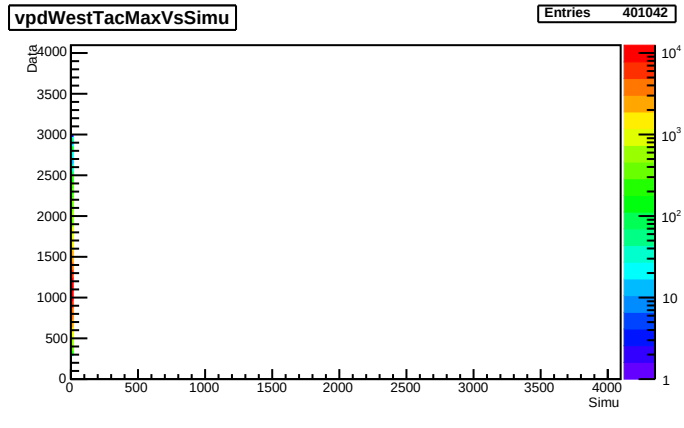

vpdEastTacMax
Entries 528995

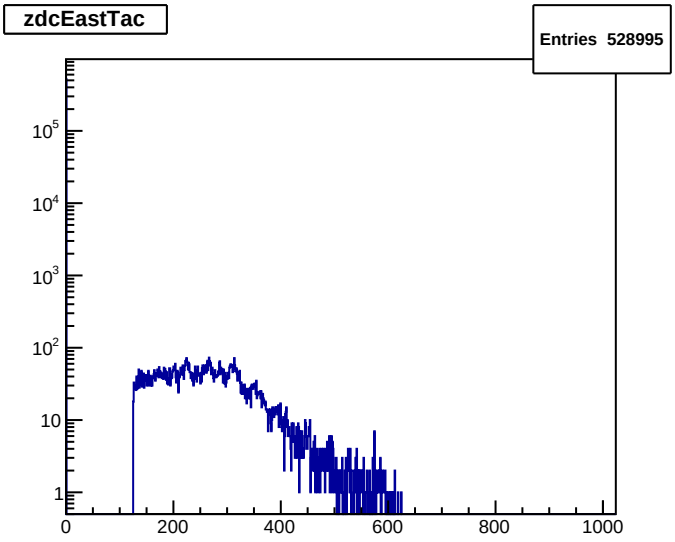

vpdEastTacMaxVsSimu
Entries 308145
Data
Simu

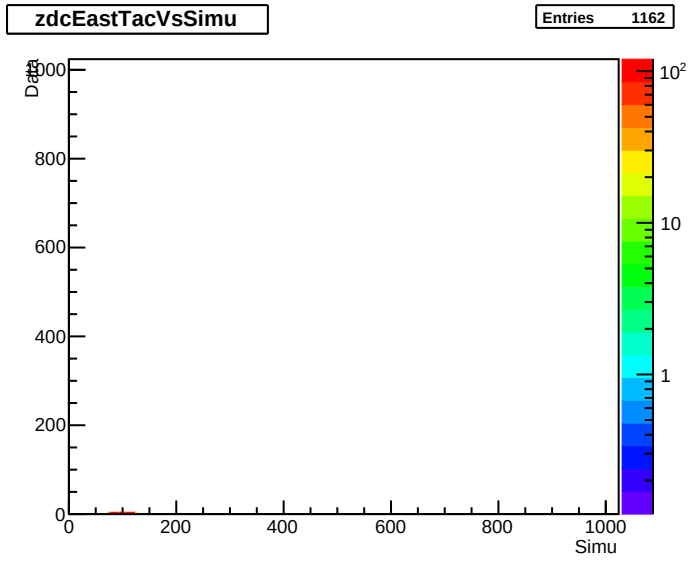

vpdWestAdcSum
Entries 528995

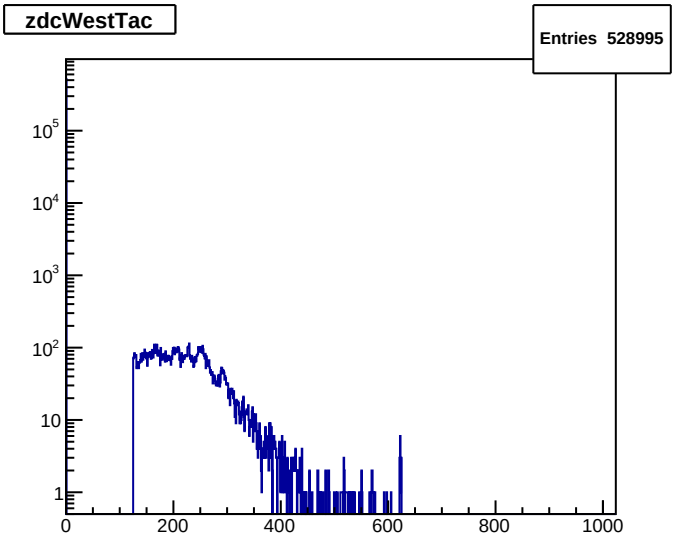

vpdWestAdcSumVsSimu
Entries 401042
Data
Simu

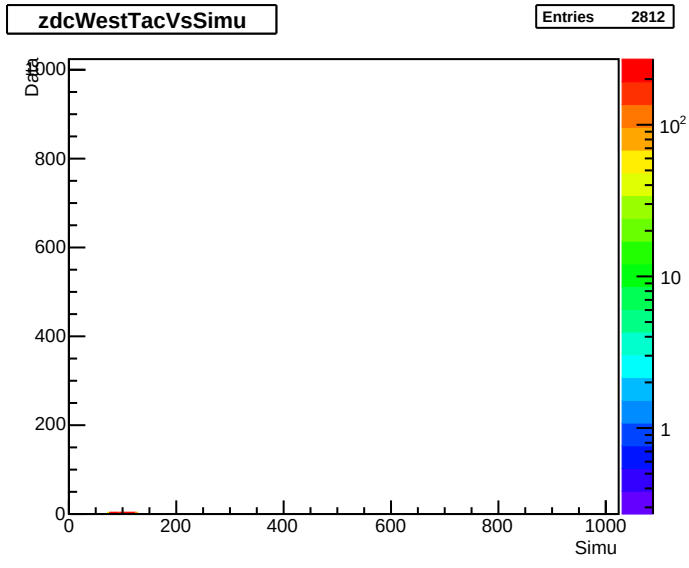

vpdWestTacMax
Entries 528995

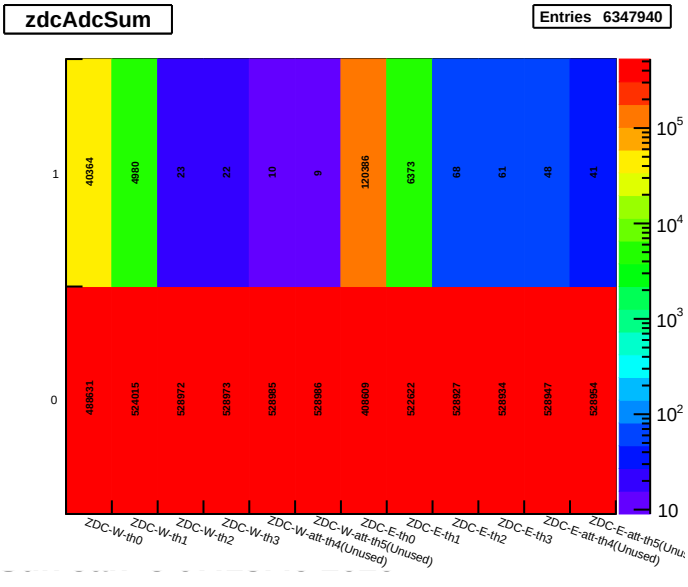

vpdWestTacMaxVsSimu
Entries 401042
Data
Simu

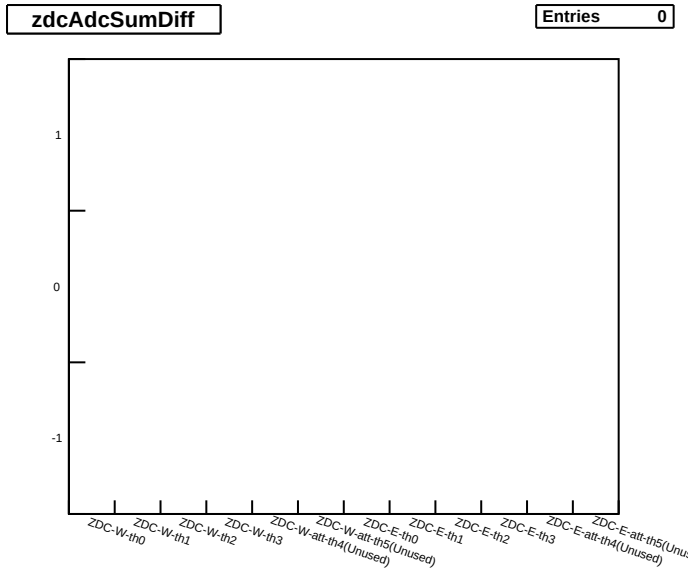

zdcEastTac
Entries 528995

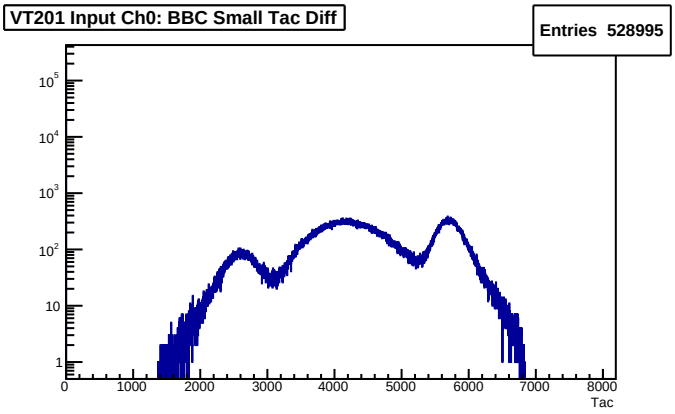

zdcEastTacVsSimu
Entries 1162
Data
Simu

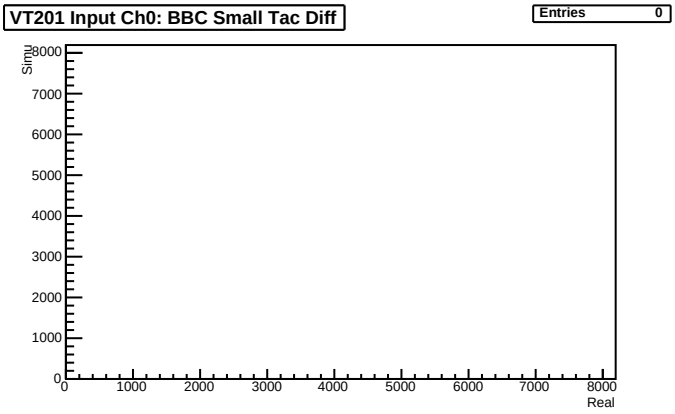

zdcWestTac
Entries 528995

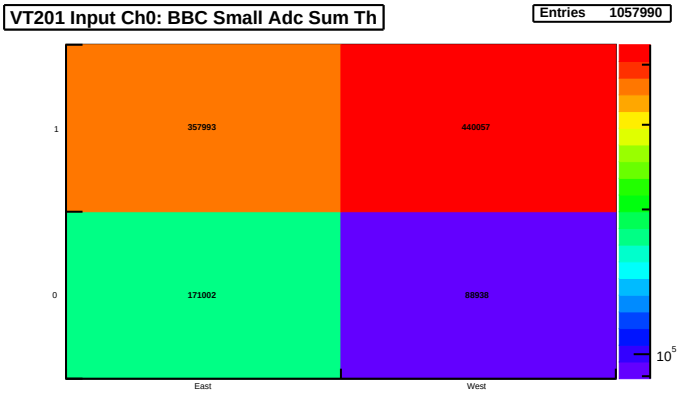

zdcWestTacVsSimu
Entries 2812
Data
Simu

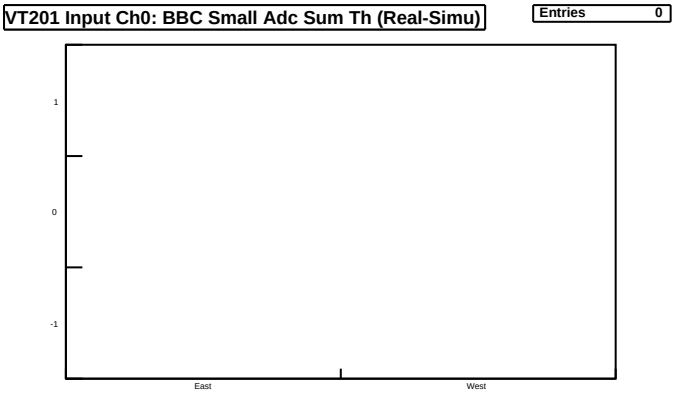

zdcAdcSum
Entries 6347940
40364
4980
23
22
10
9
120386
6373
68
61
48
41
488631
524015
528972
528973
528985
528986
408609
522622
528927
528934
528947
528954
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

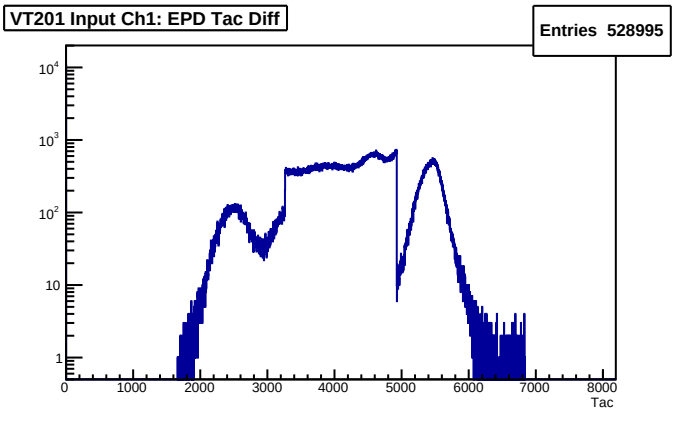

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

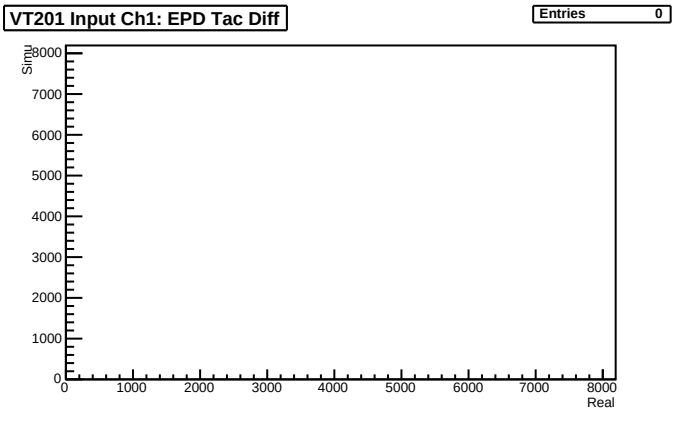

VT201 Input Ch0: BBC Small Tac Diff
Entries 528995
Tac

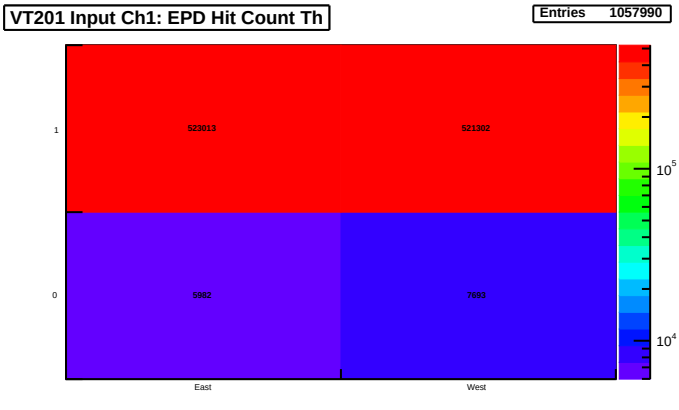

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

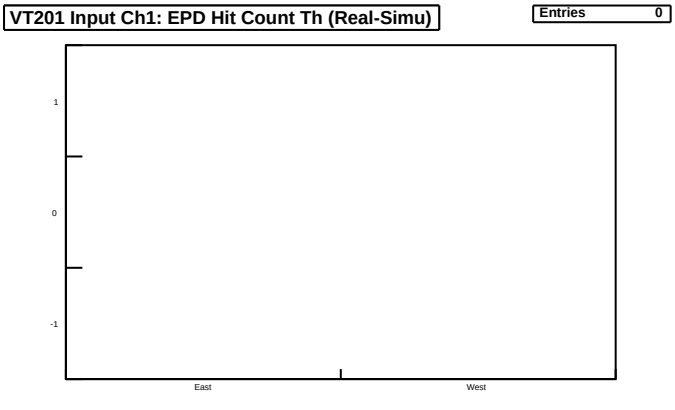

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1057990
357993
440057
171002
88938
East
West

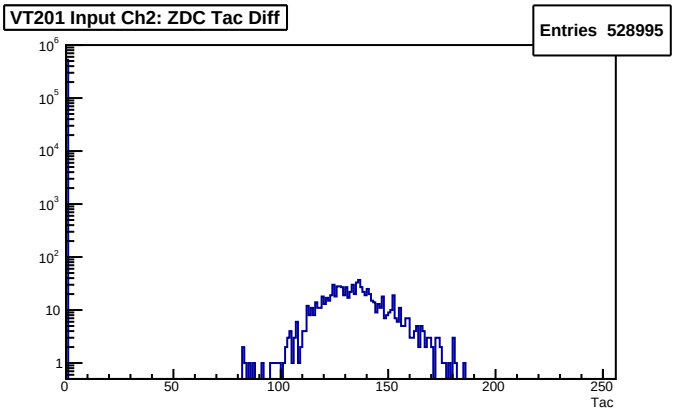

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

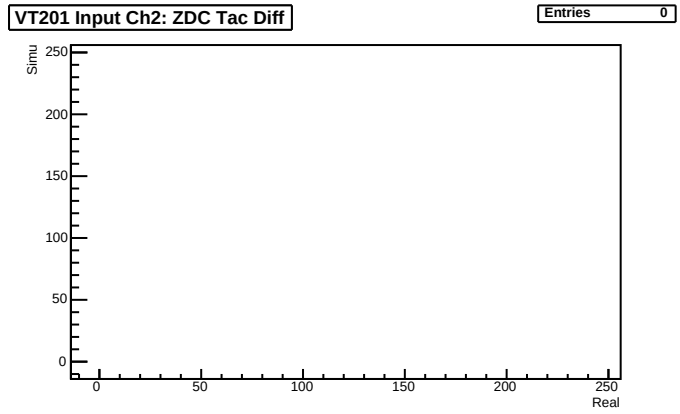

VT201 Input Ch1: EPD Tac Diff
Entries 528995
Tac

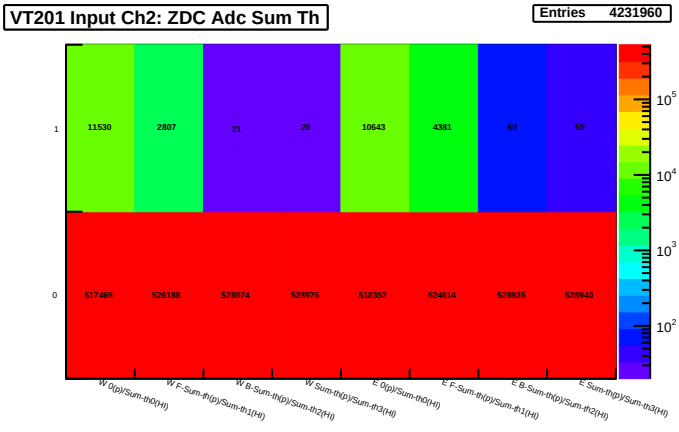

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

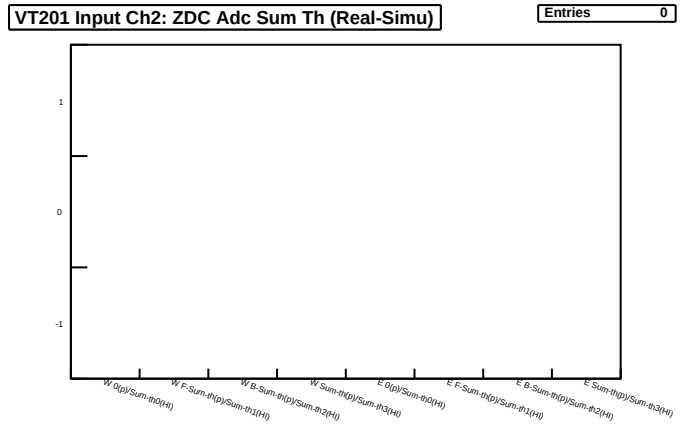

VT201 Input Ch1: EPD Hit Count Th
Entries 1057990
523013
521302
5982
7693
East
West

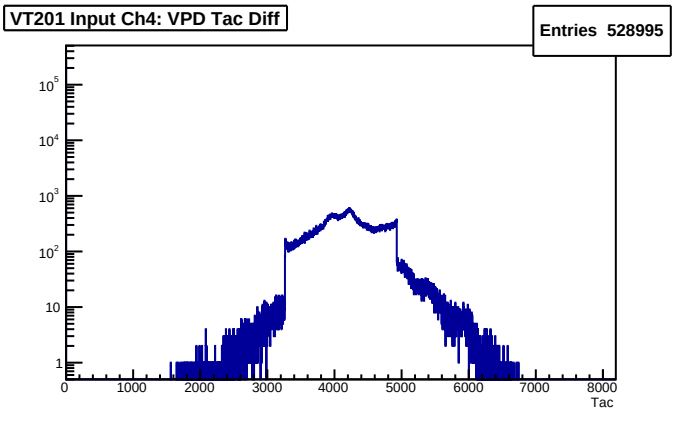

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

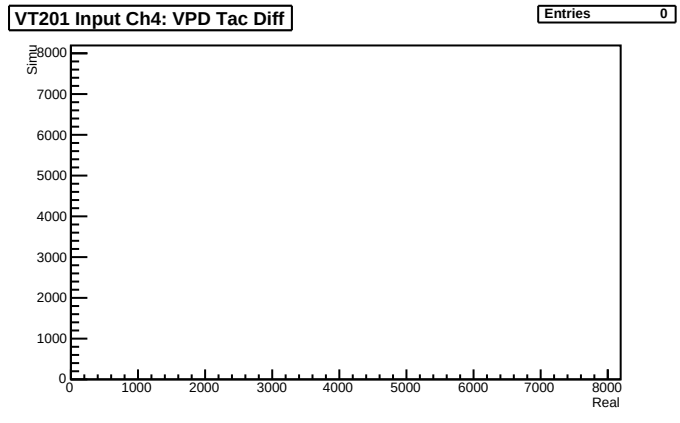

VT201 Input Ch2: ZDC Tac Diff
Entries 528995
Tac

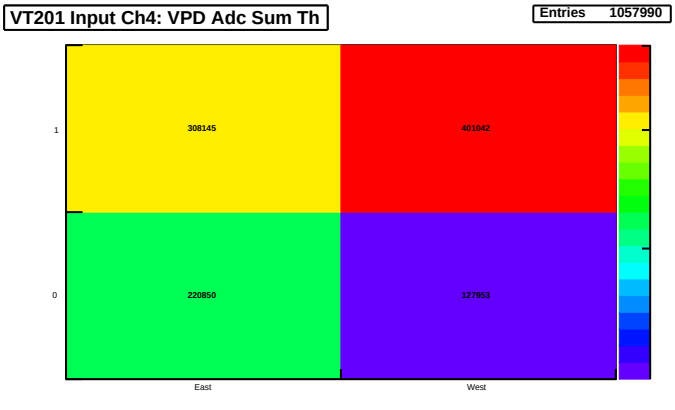

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

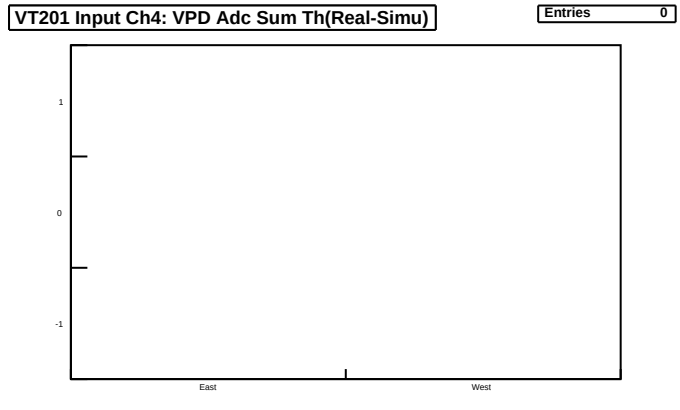

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4231960
11530
2807
21
20
10643
4381
60
55
517465
526188
528974
528975
518352
524614
528935
528940
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

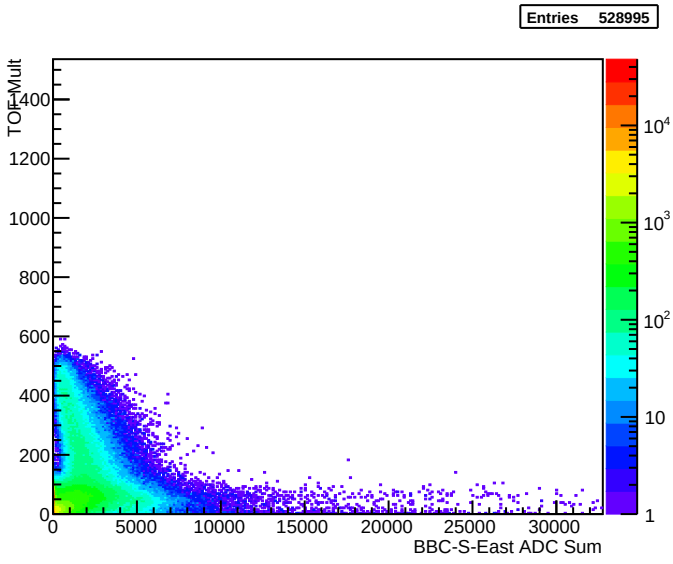

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

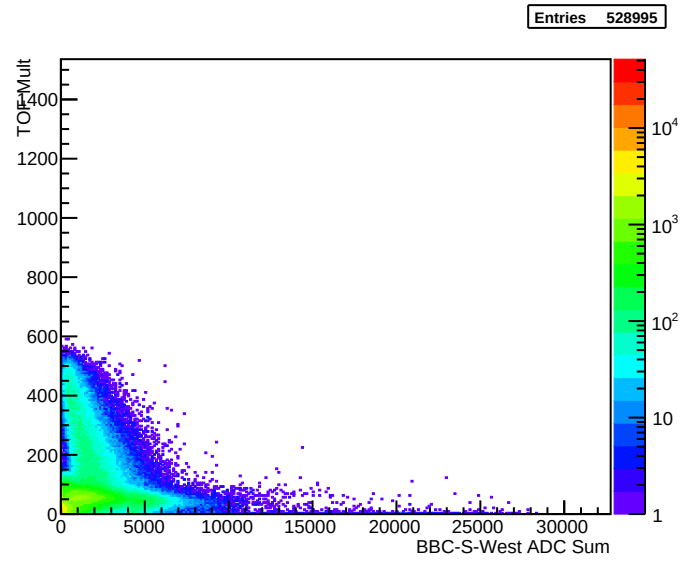

VT201 Input Ch4: VPD Tac Diff
Entries 528995
Tac

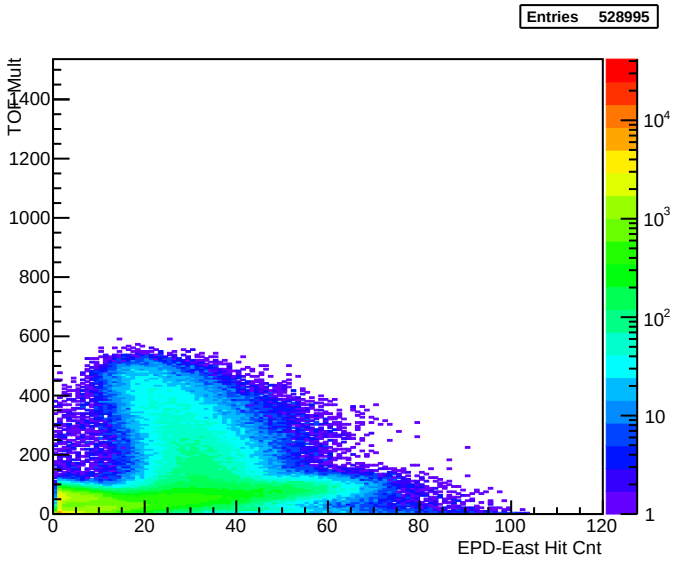

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

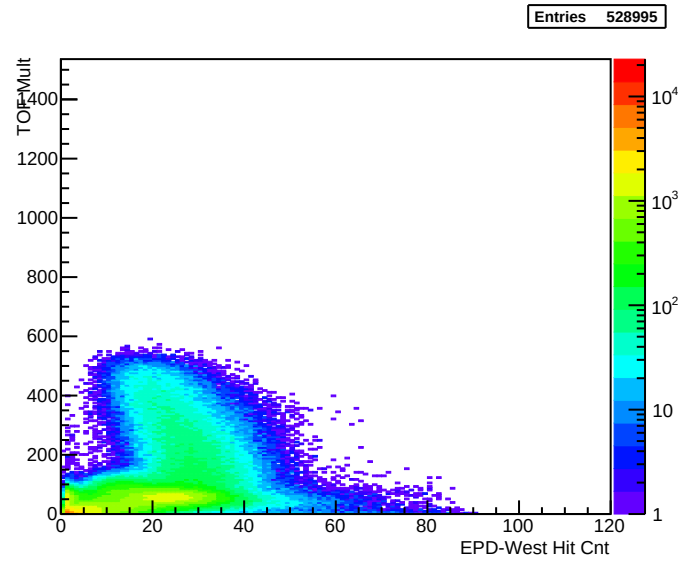

VT201 Input Ch4: VPD Adc Sum Th
Entries 1057990
308145
401042
220850
127953
East
West

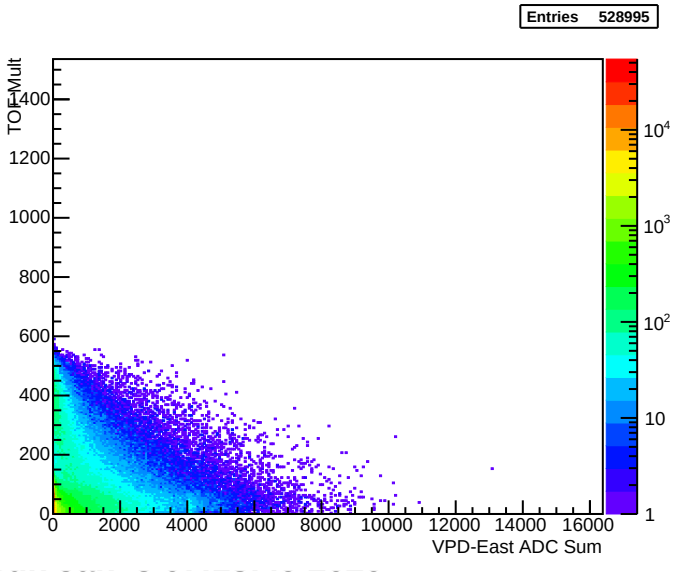

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

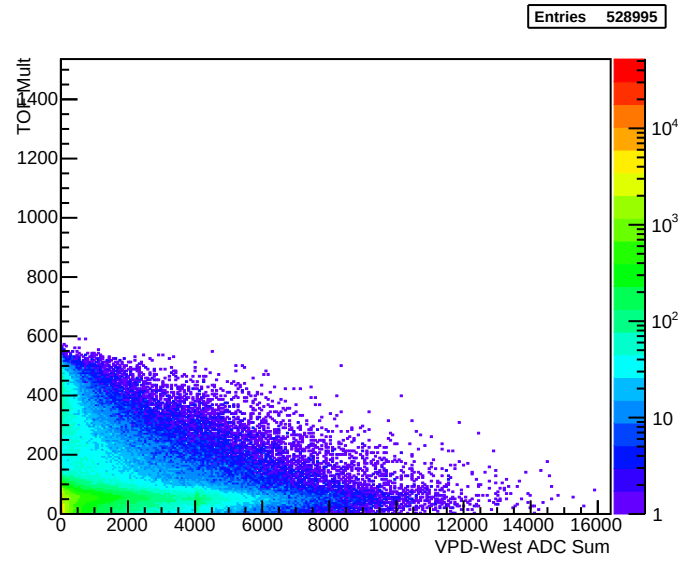

Entries 528995
TOF-Mult
BBC-S-East ADC Sum

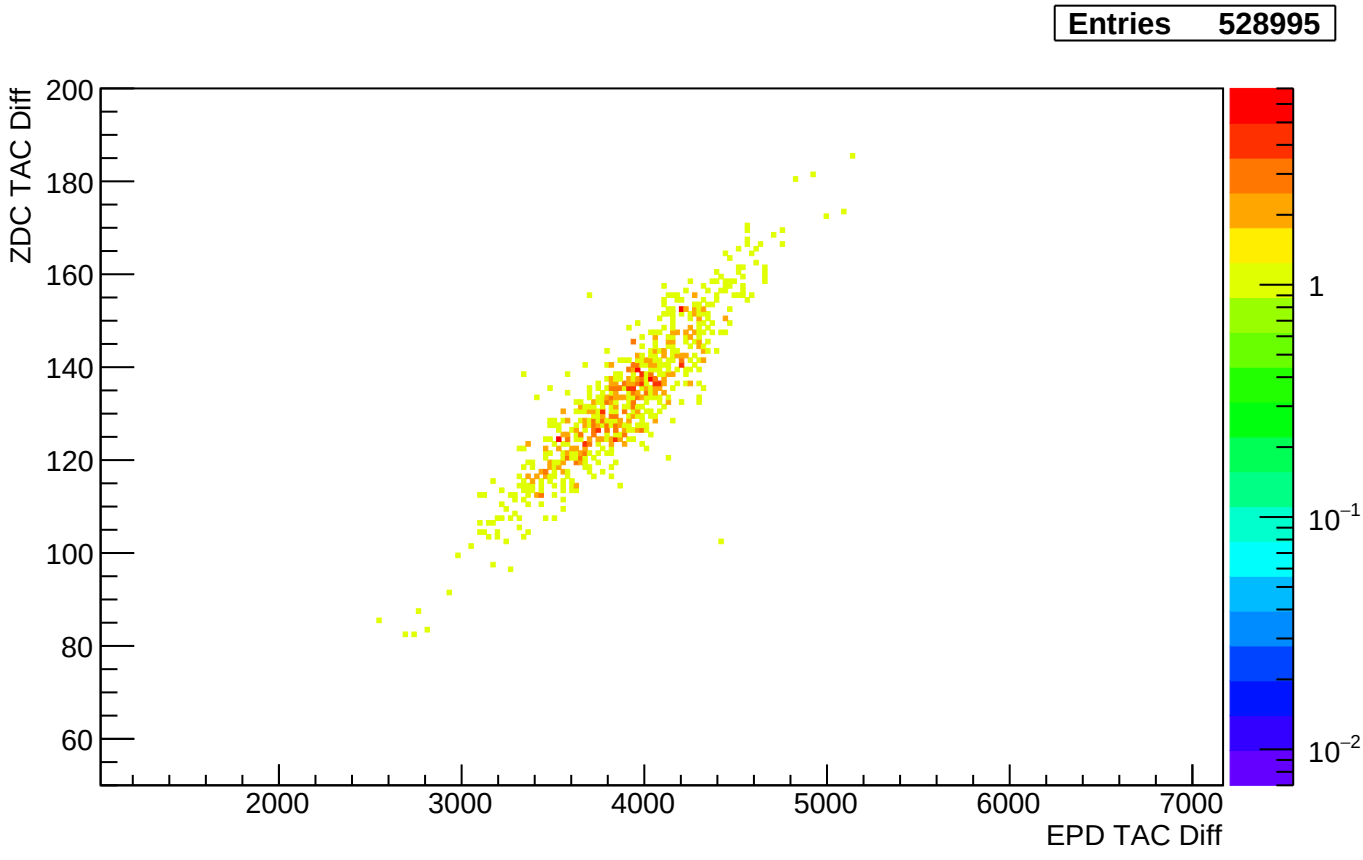

Entries 528995
TOF-Mult
BBC-S-West ADC Sum

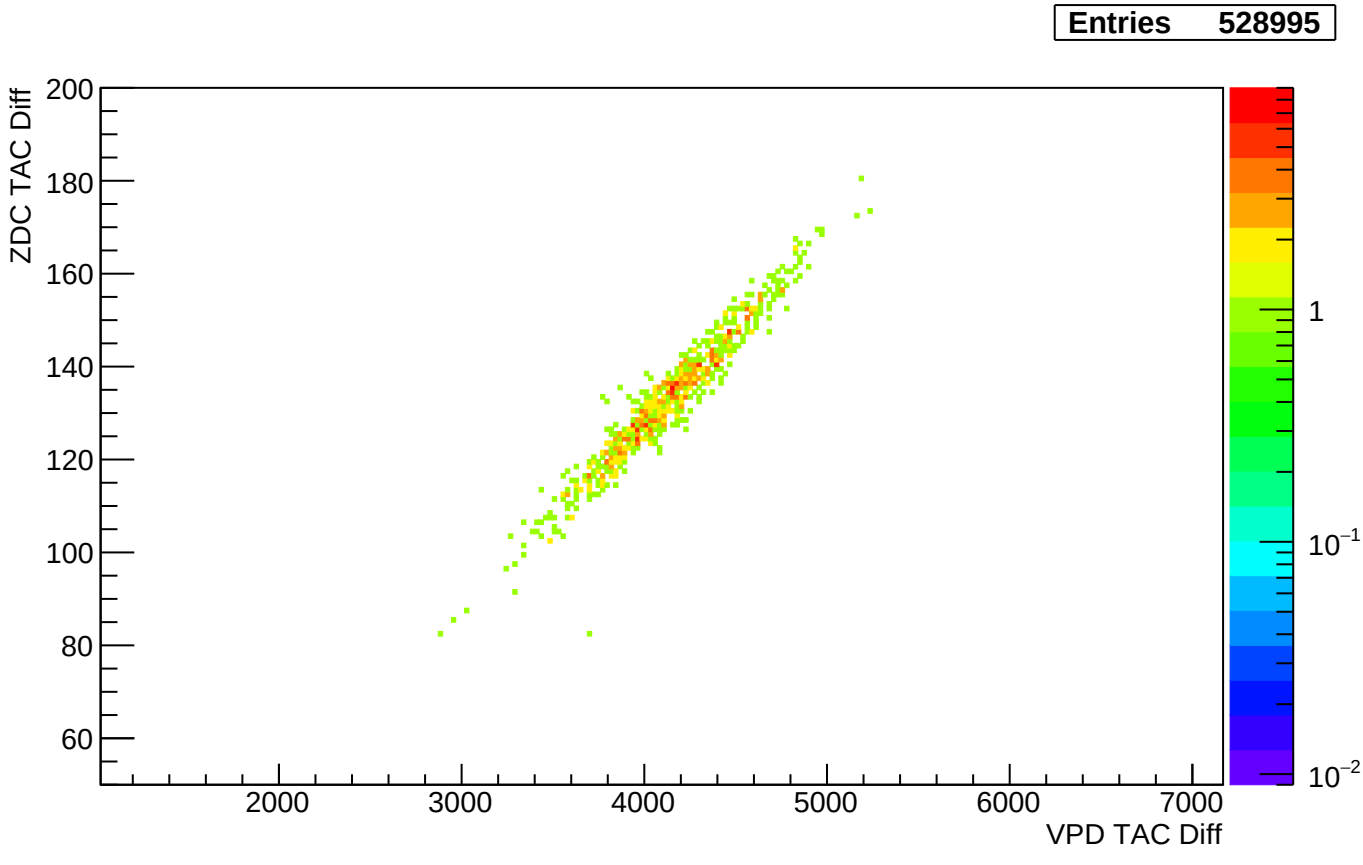

Entries 528995
TOF-Mult
EPD-East Hit Cnt

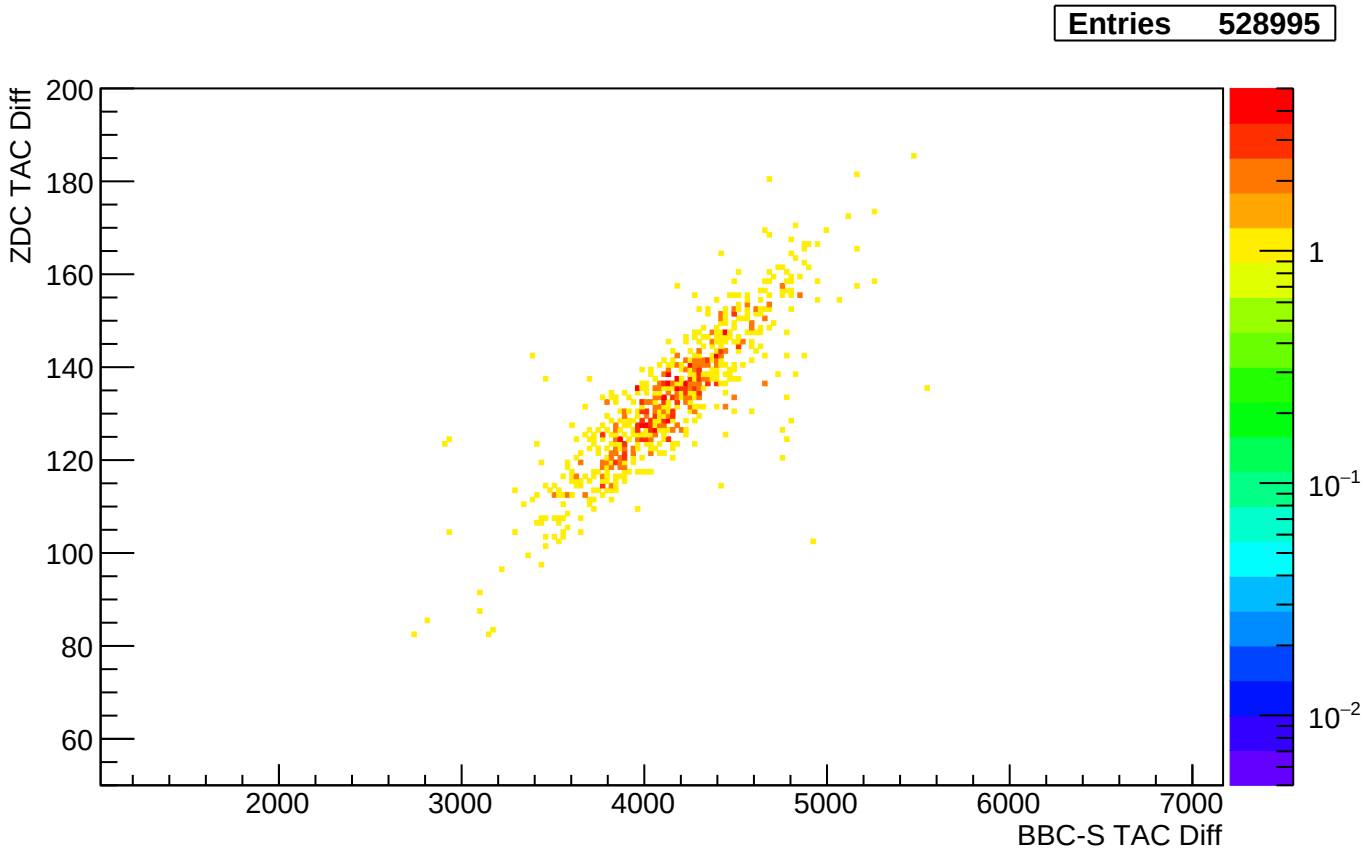

Entries 528995
TOF-Mult
EPD-West Hit Cnt

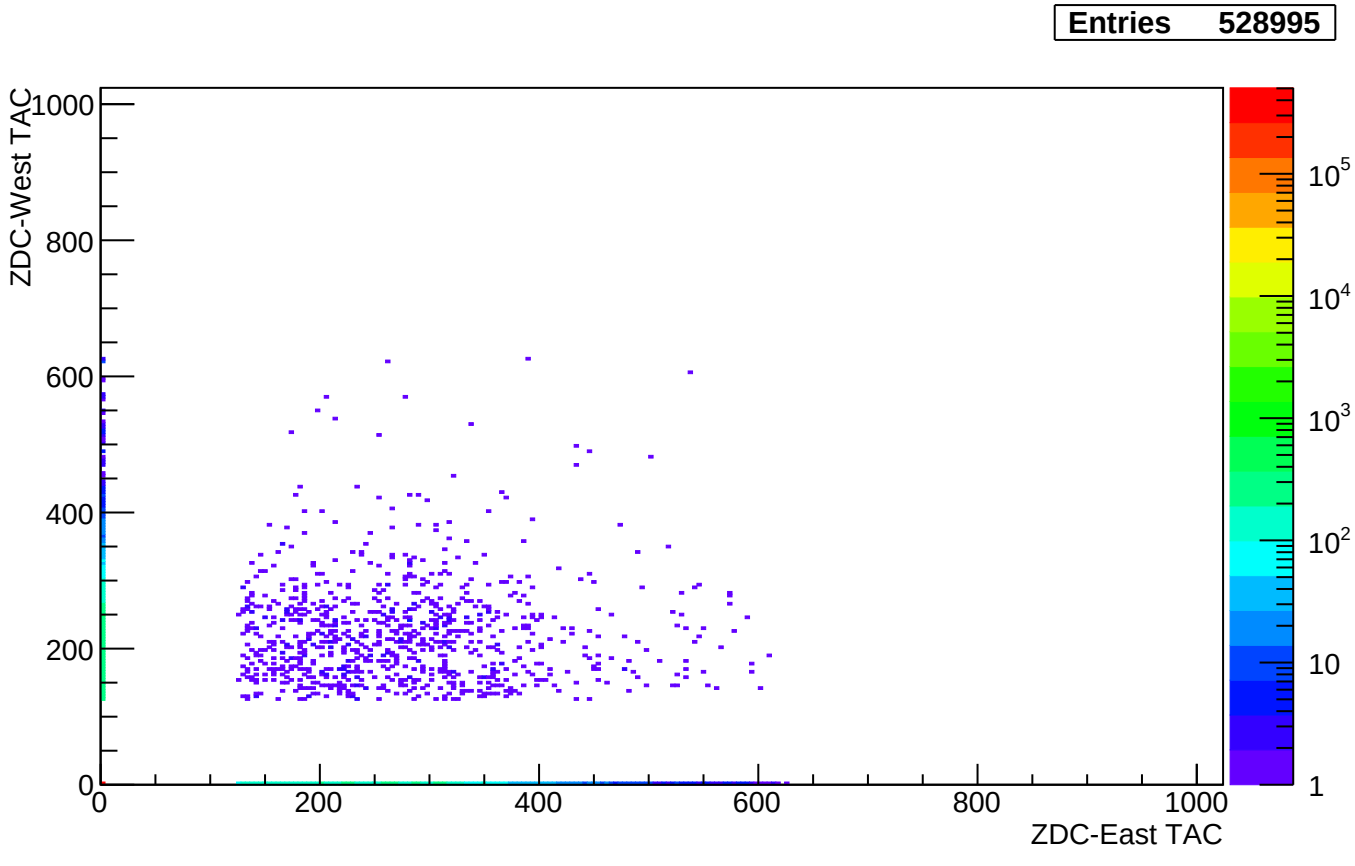

Entries 528995
TOF-Mult
VPD-East ADC Sum

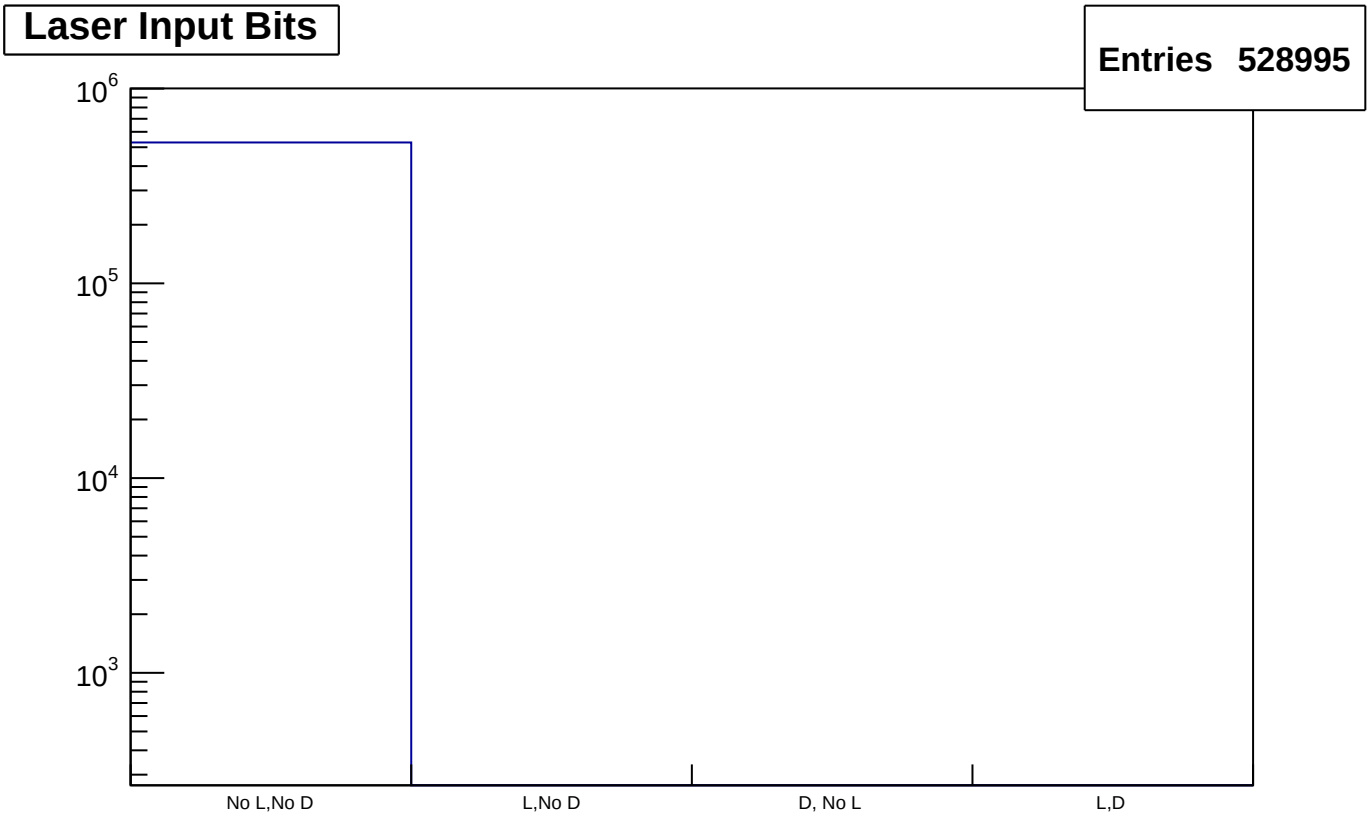

Entries 528995
TOF-Mult
VPD-West ADC Sum

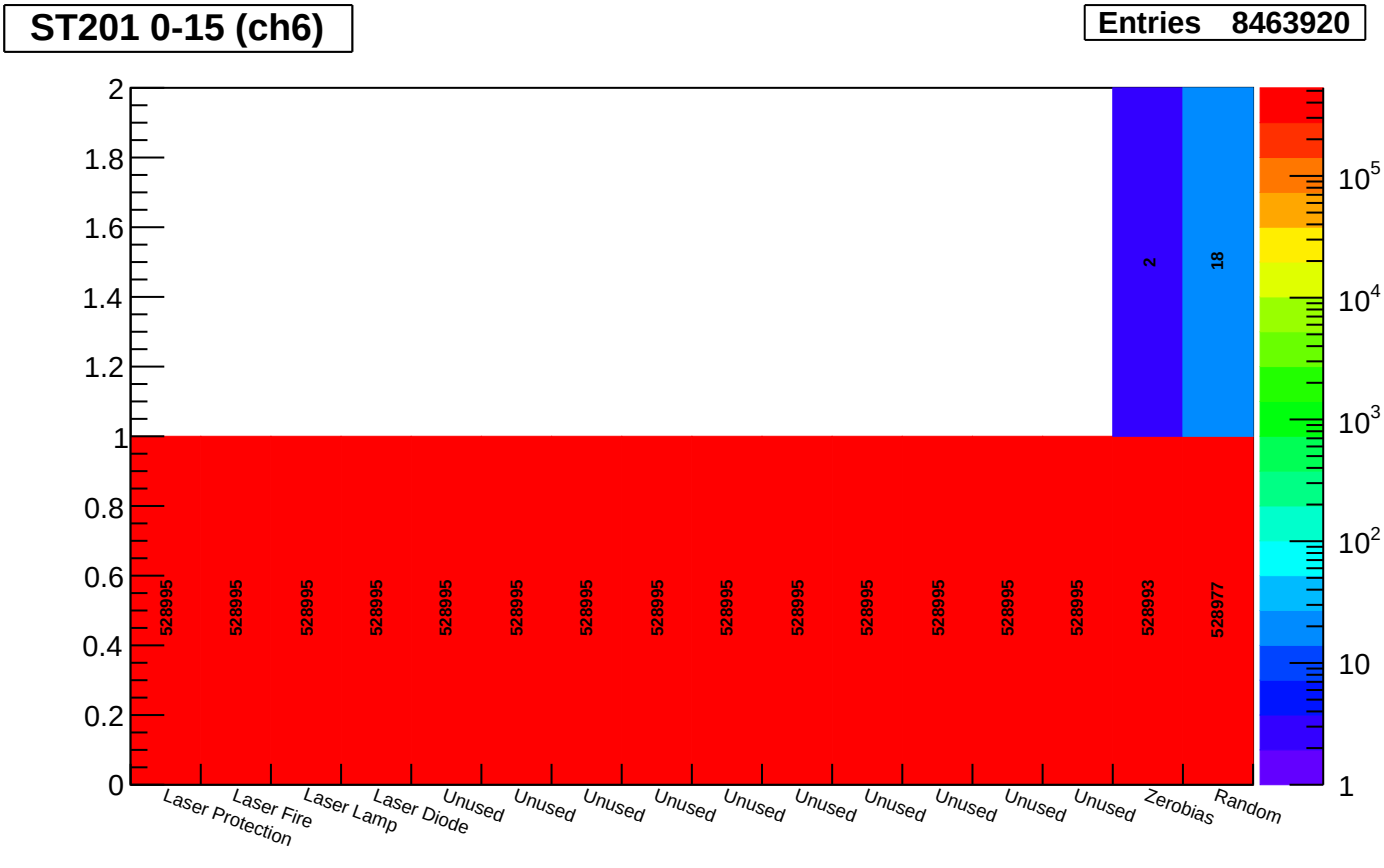

Entries 528995
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

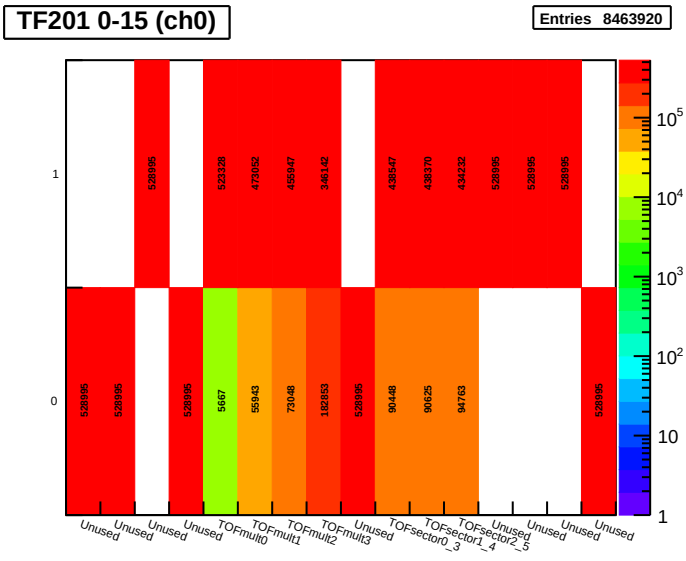

Entries 528995
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

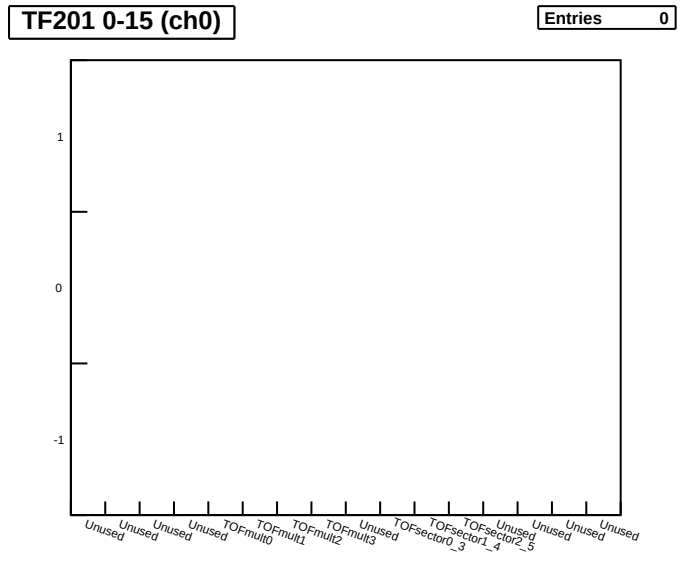

Entries 528995
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

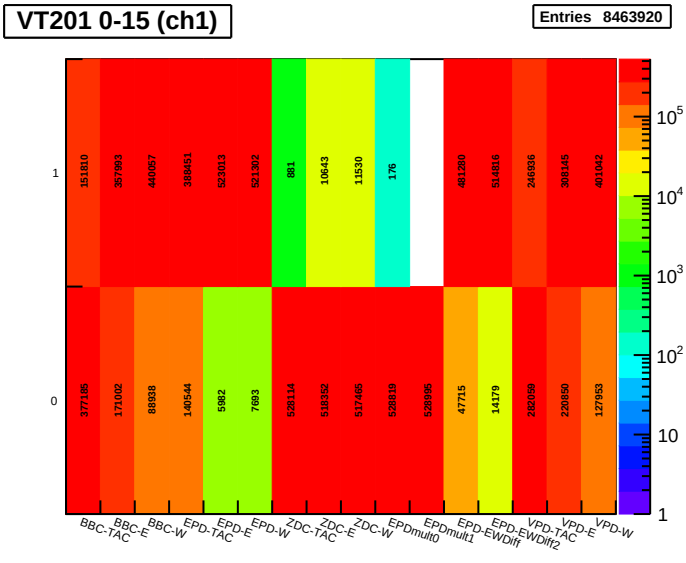

Entries 528995
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

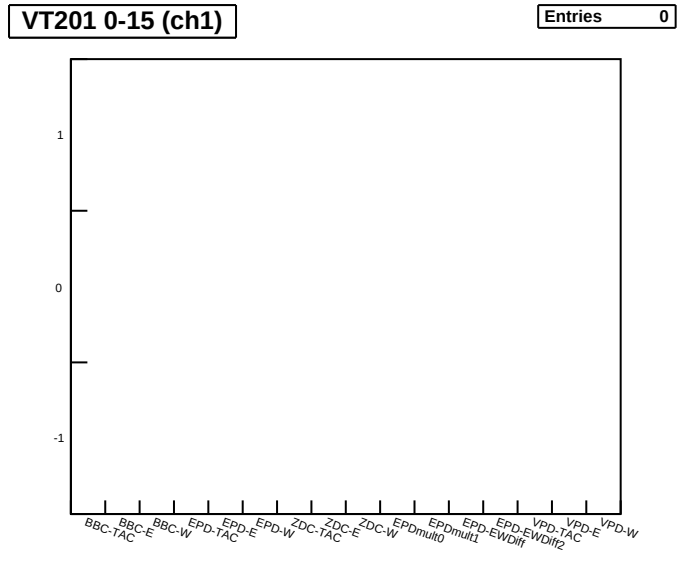

Laser Input Bits
Entries 528995
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

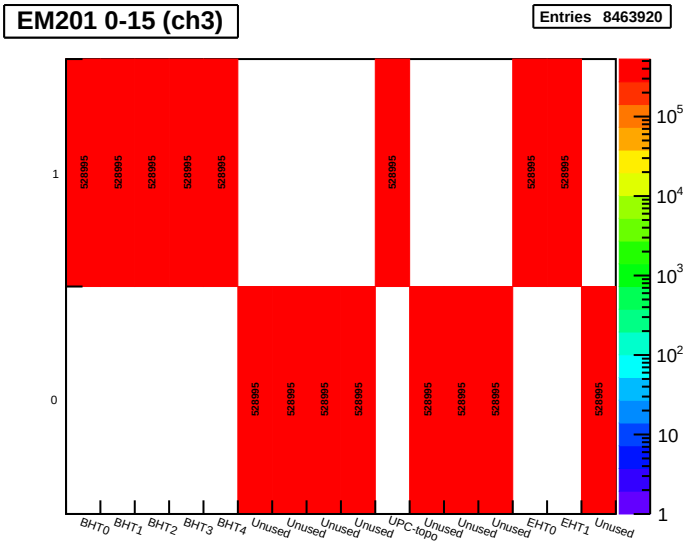

ST201 0-15 (ch6)
Entries 8463920
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
528995
528995
528995
528995
528995
528995
528995
528995
528995
528995
528995
528995
528995
528995
528993
528977
2
18
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

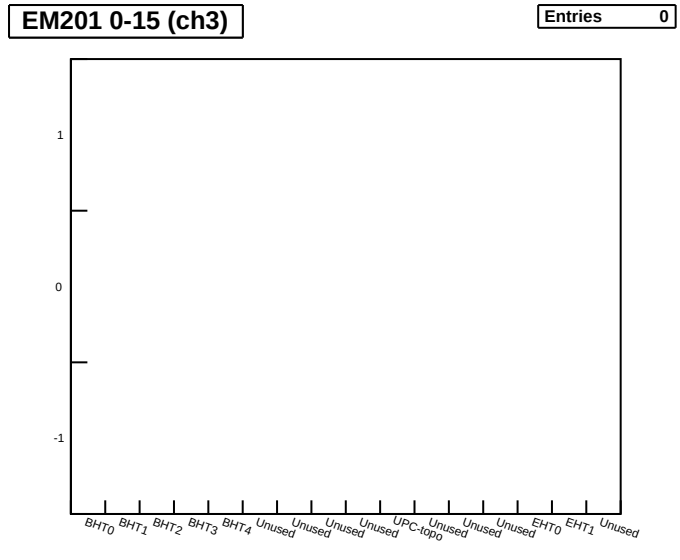

TF201 0-15 (ch0)
Entries 8463920
1
0
528995 523328 473052 455947 346142 438547 438370 434232 528995 528995 528995
528995 528995 528995 5667 55943 73048 182853 528995 90448 90625 94763 528995
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 8463920
1
0
151810 357993 440067 388451 523013 521302 881 10643 11530 176 481280 514816 246936 308145 401042
377185 171002 88938 140544 5982 7693 528114 518352 517465 528819 528995 47715 14179 282059 220850 127953
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 8463920
1
0
528995 528995 528995 528995 528995 528995 528995
528995 528995 528995 528995 528995 528995 528995 528995
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