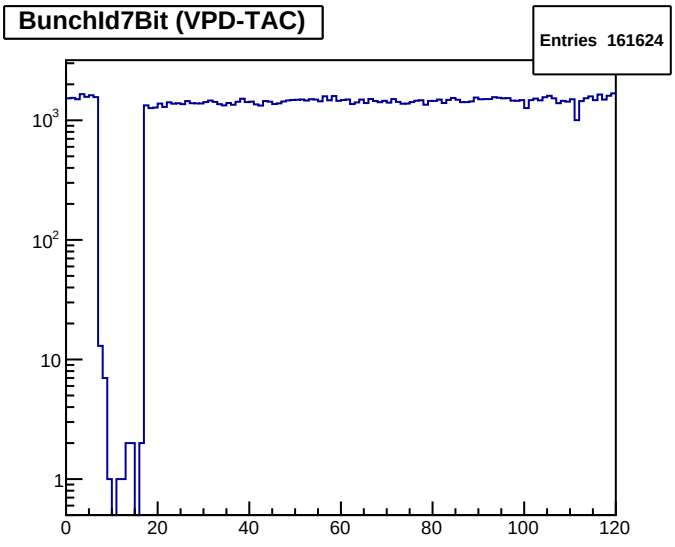
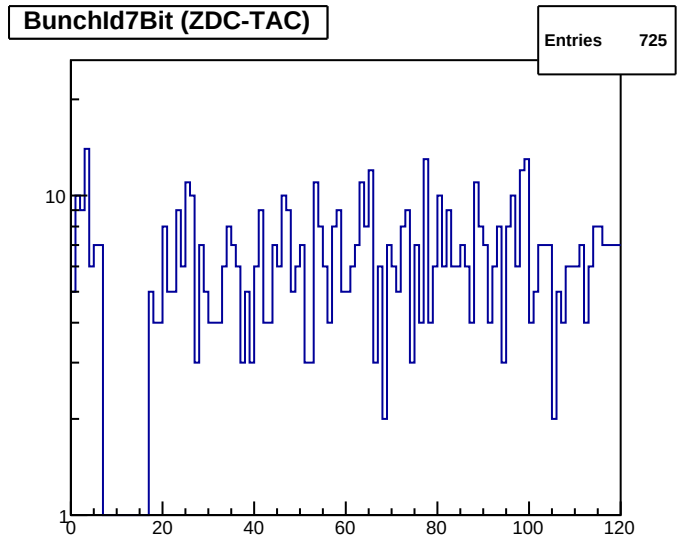
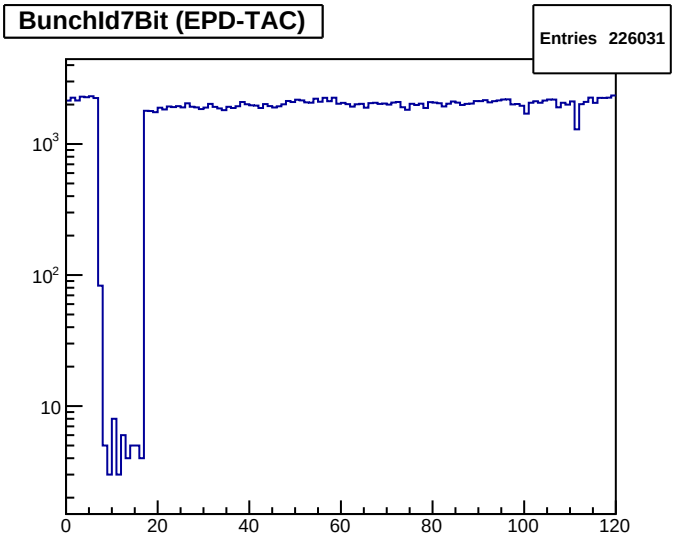
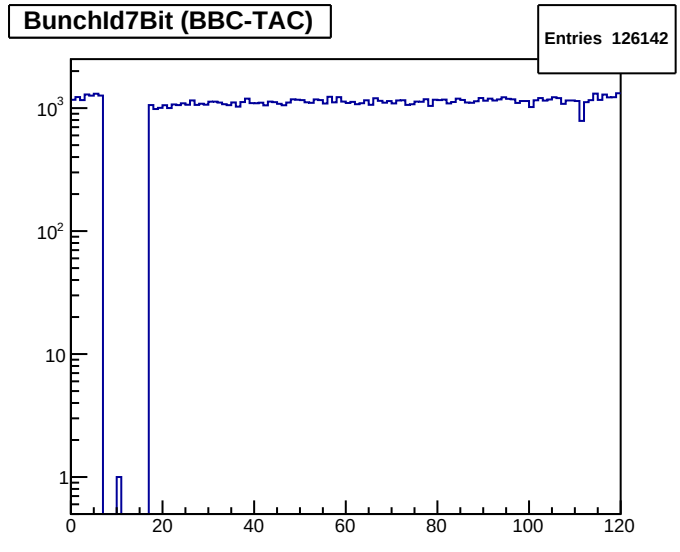
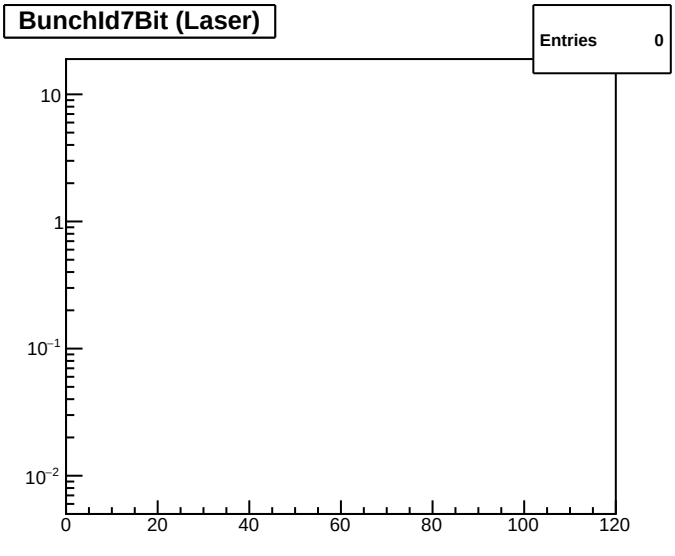
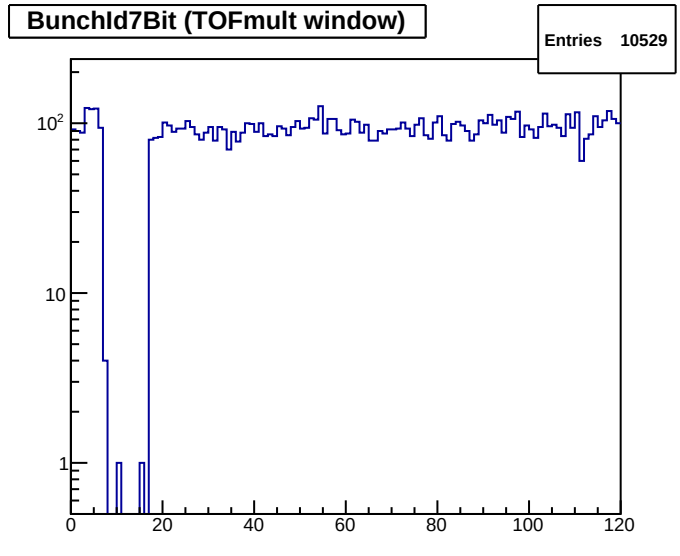

BunchId7Bit (VPD-TAC)
Entries 161624

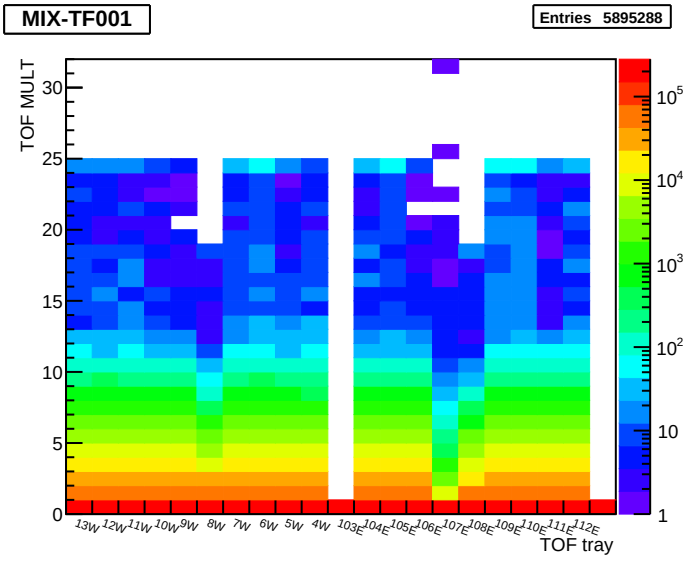

BunchId7Bit (ZDC-TAC)
Entries 725

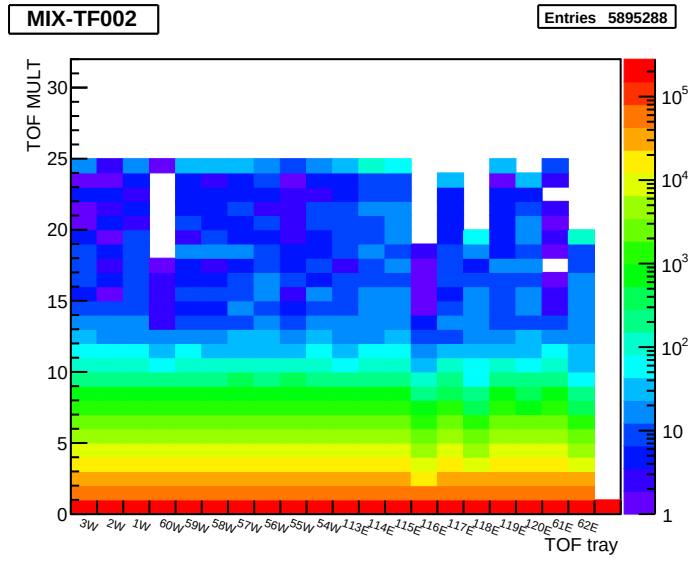

BunchId7Bit (EPD-TAC)
Entries 226031

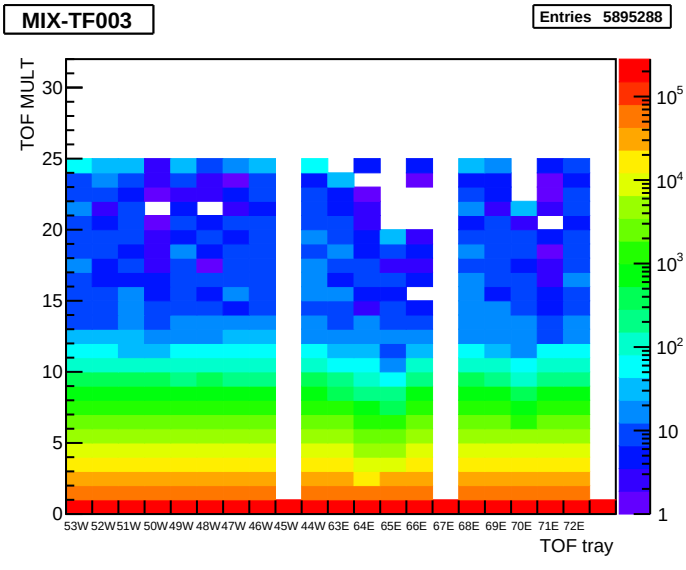

BunchId7Bit (BBC-TAC)
Entries 126142

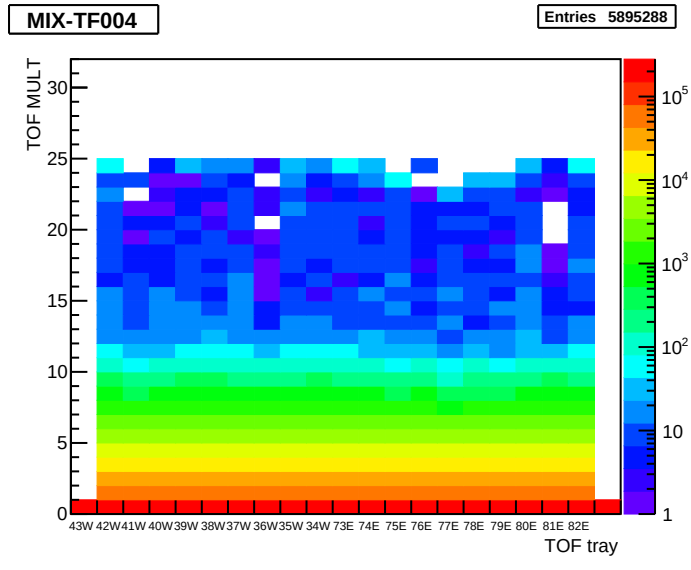

BunchId7Bit (Laser)
Entries 0

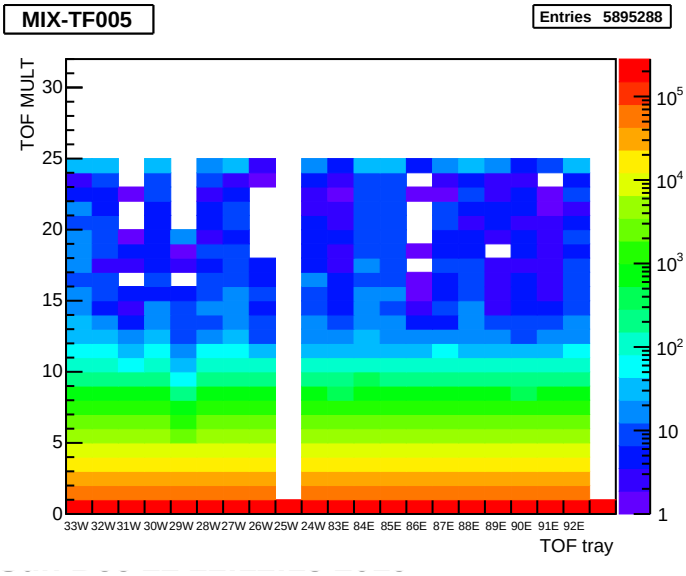

BunchId7Bit (TOFmult window)
Entries 10529

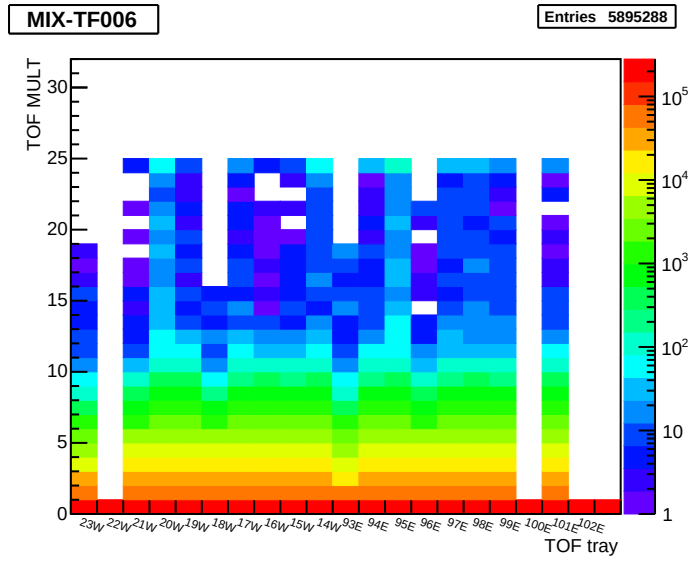

MIX-TF001
Entries 5895288
TOF MULT
TOF tray

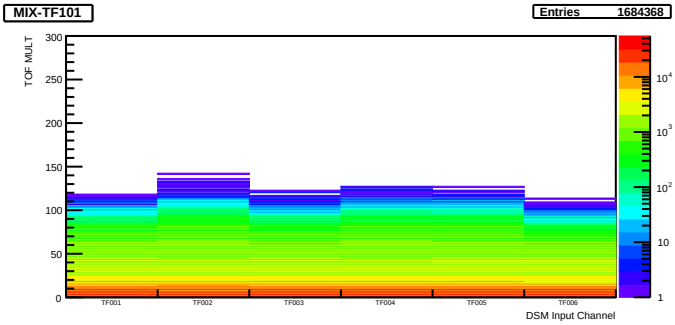

MIX-TF002
Entries 5895288
TOF MULT
TOF tray

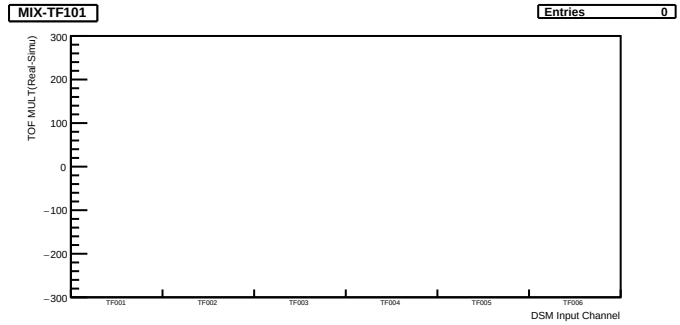

MIX-TF003
Entries 5895288
TOF MULT
TOF tray

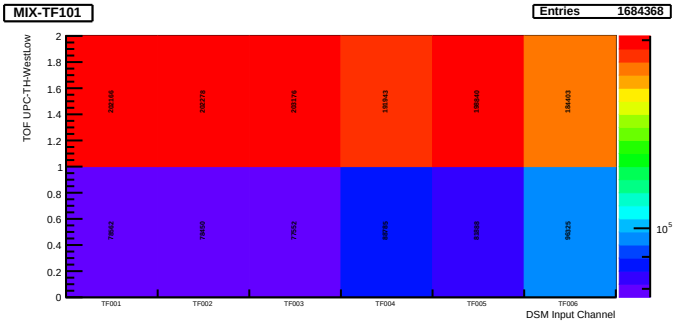

MIX-TF004
Entries 5895288
TOF MULT
TOF tray

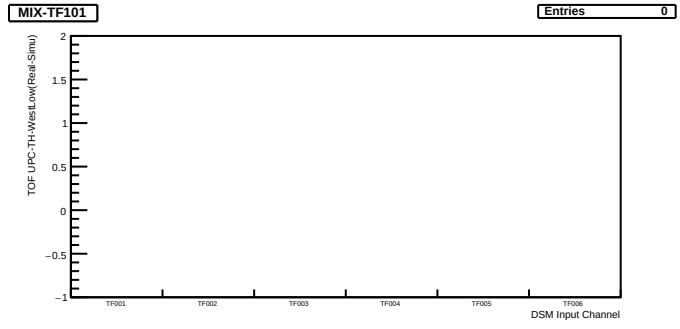

MIX-TF005
Entries 5895288
TOF MULT
TOF tray

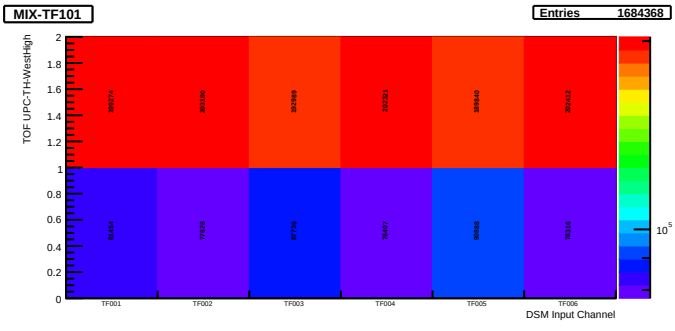

MIX-TF006
Entries 5895288
TOF MULT
TOF tray

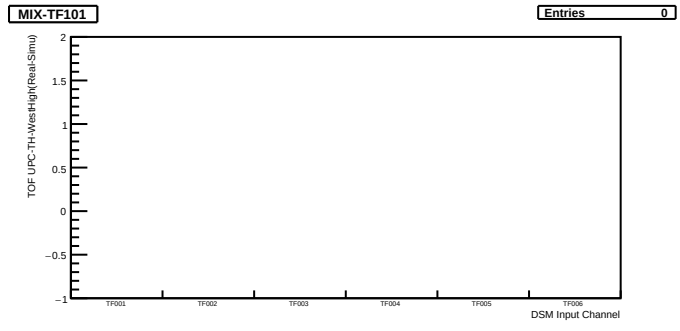

MIX-TF101
Entries 1684368
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

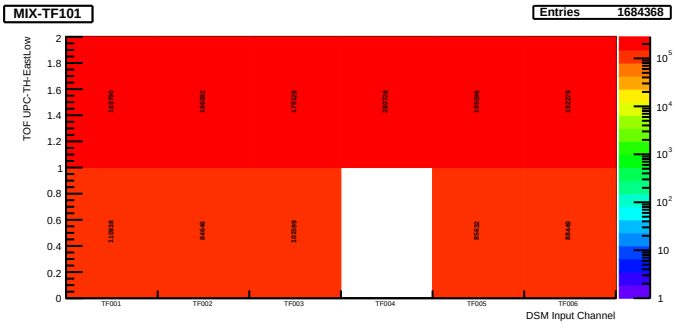

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

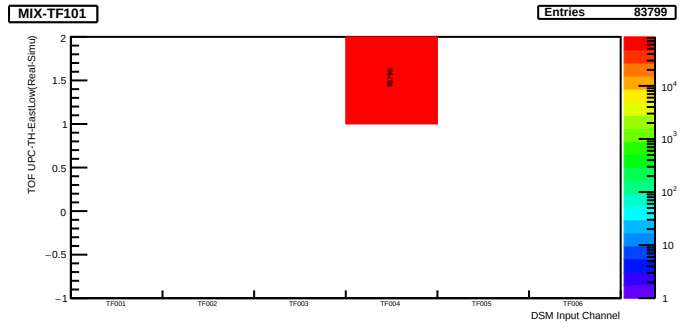

MIX-TF101
Entries 1684368
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

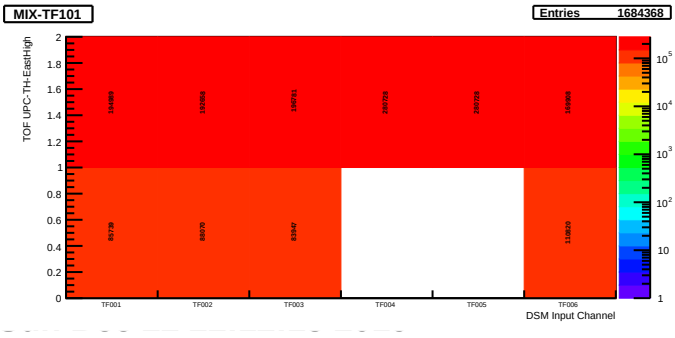

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

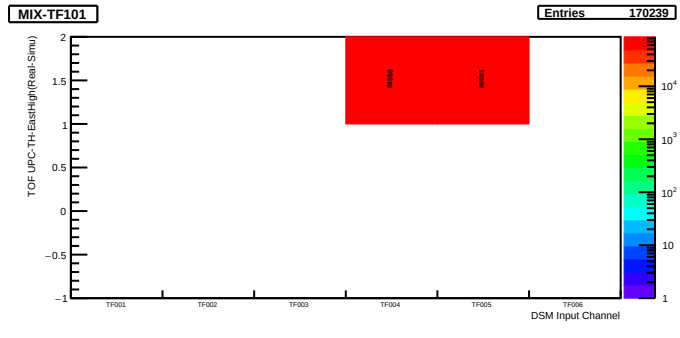

MIX-TF101
Entries 1684368
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

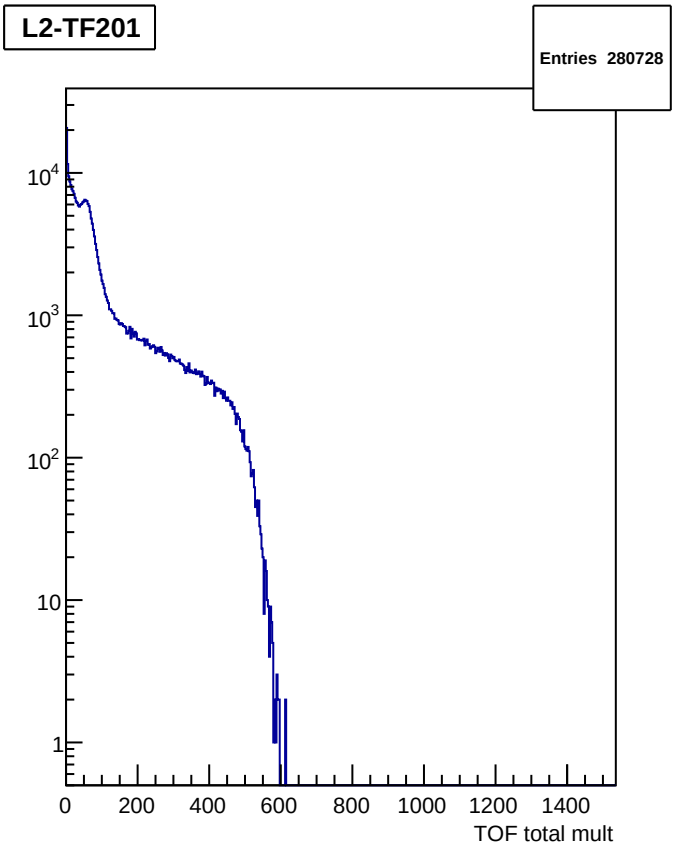

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

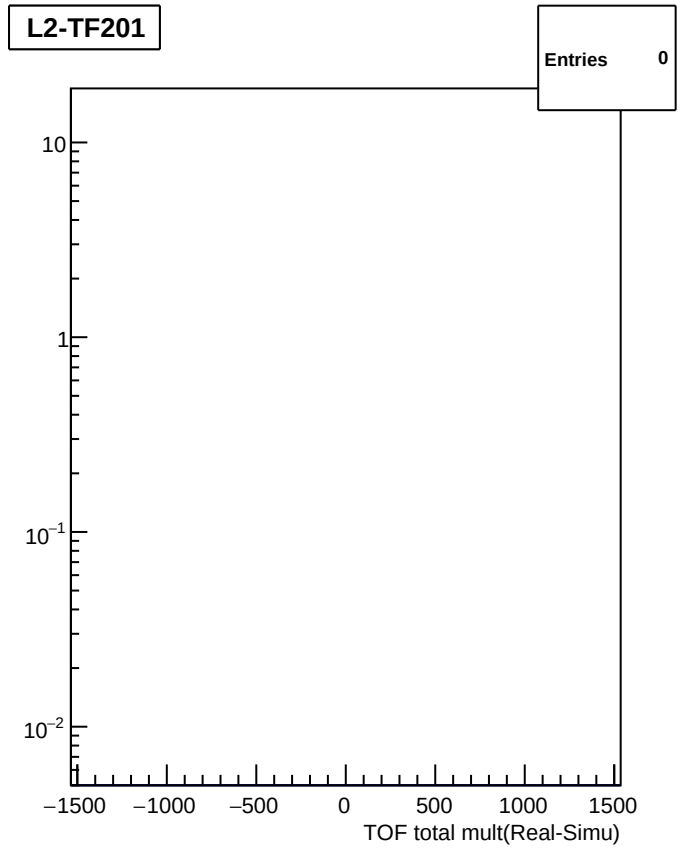

MIX-TF101
Entries 1684368
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

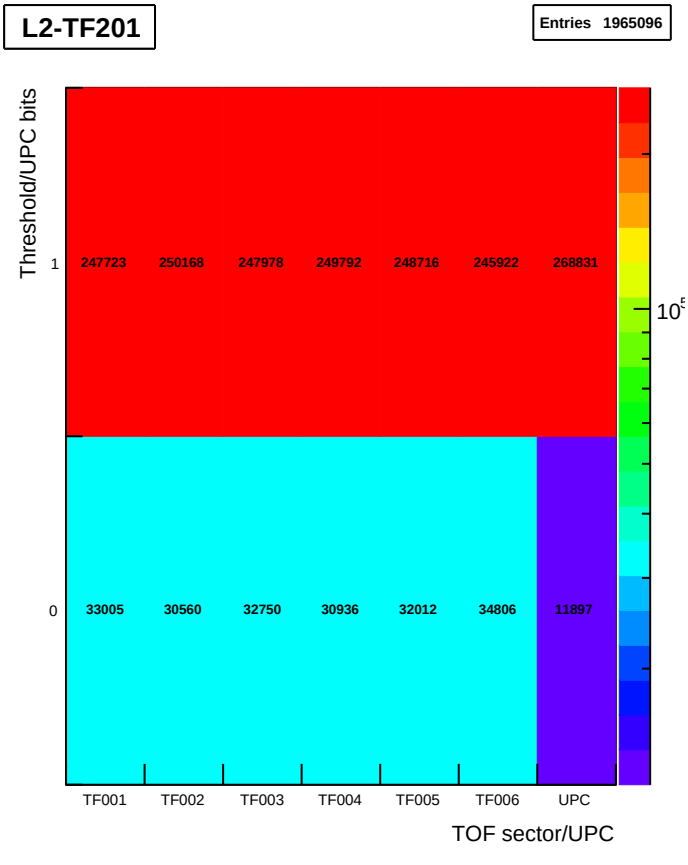

MIX-TF101
Entries 83799
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

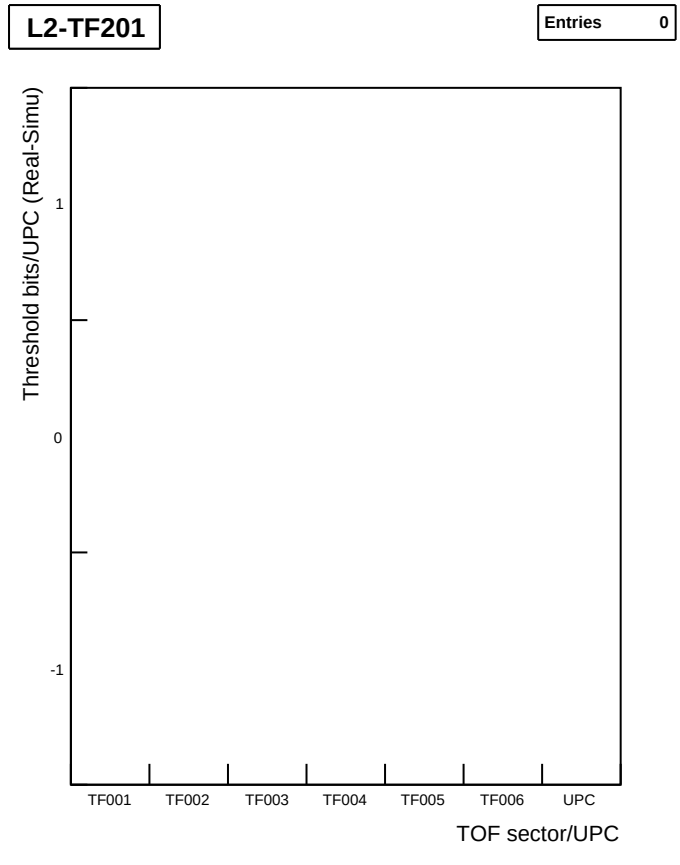

MIX-TF101
Entries 1684368
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

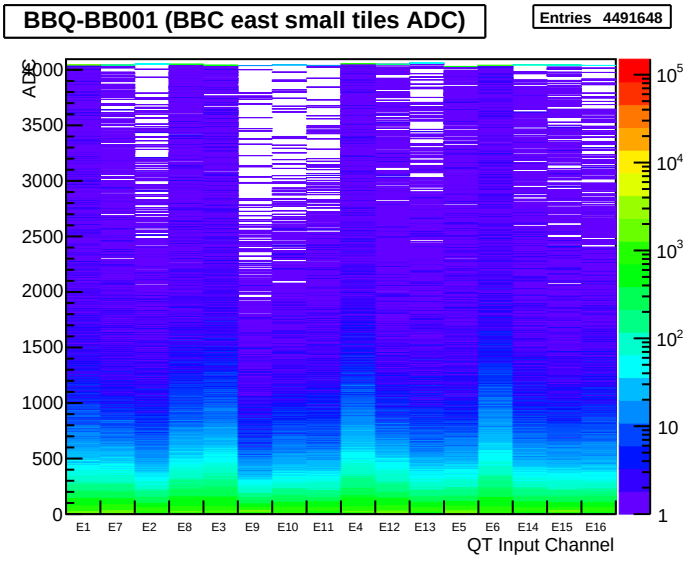

MIX-TF101
Entries 170239
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

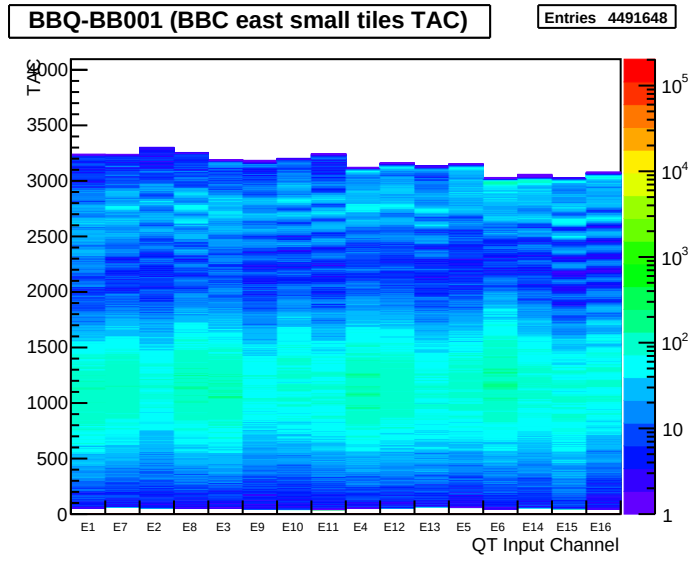

L2-TF201
Entries 280728
TOF total mult

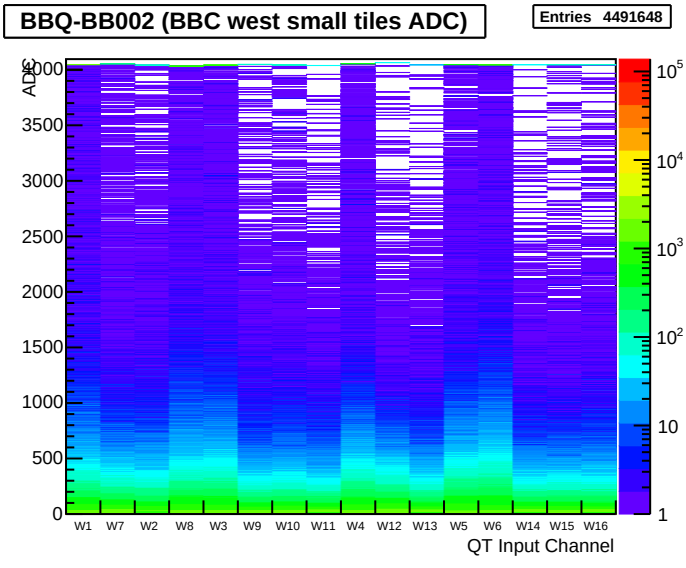

L2-TF201
Entries 0
TOF total mult(Real-Simu)

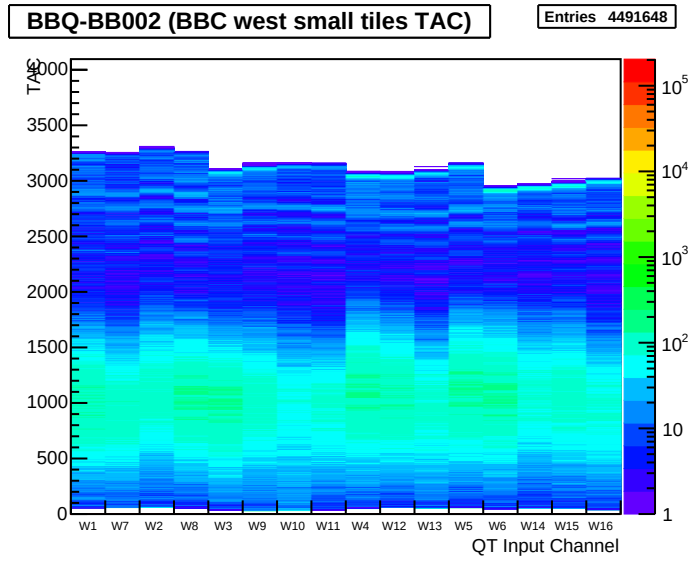

L2-TF201
Entries 1965096
Threshold/UPC bits
247723 250168 247978 249792 248716 245922 268831
33005 30560 32750 30936 32012 34806 11897
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

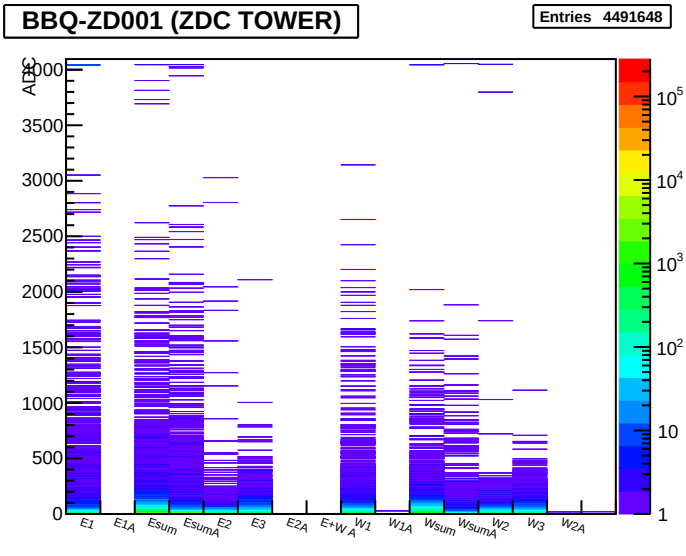

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

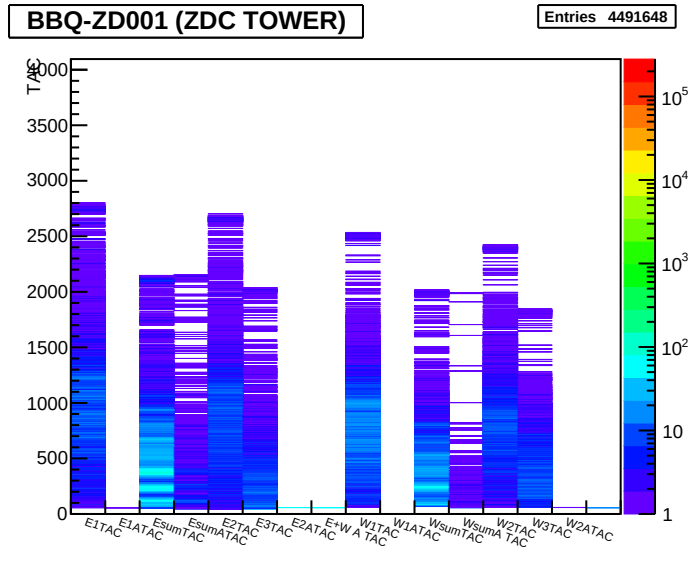

BBQ-BB001 (BBC east small tiles ADC)
Entries 4491648
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

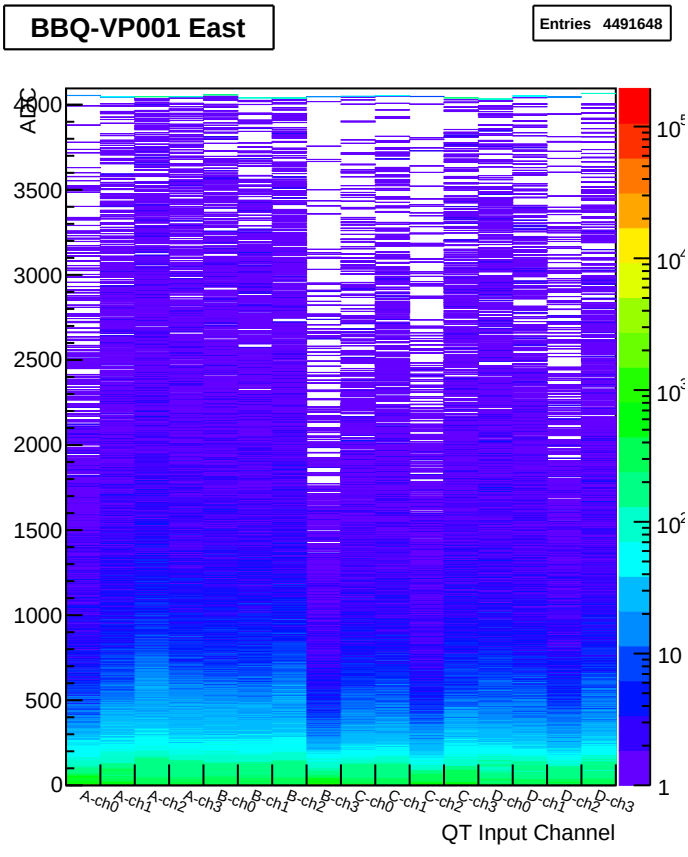

BBQ-BB001 (BBC east small tiles TAC)
Entries 4491648
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

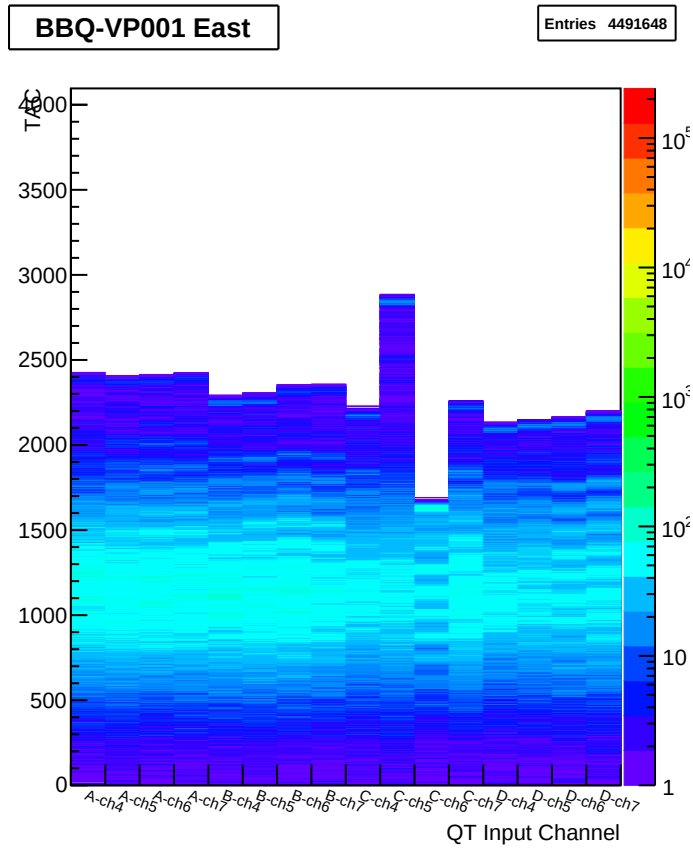

BBQ-BB002 (BBC west small tiles ADC)
Entries 4491648
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

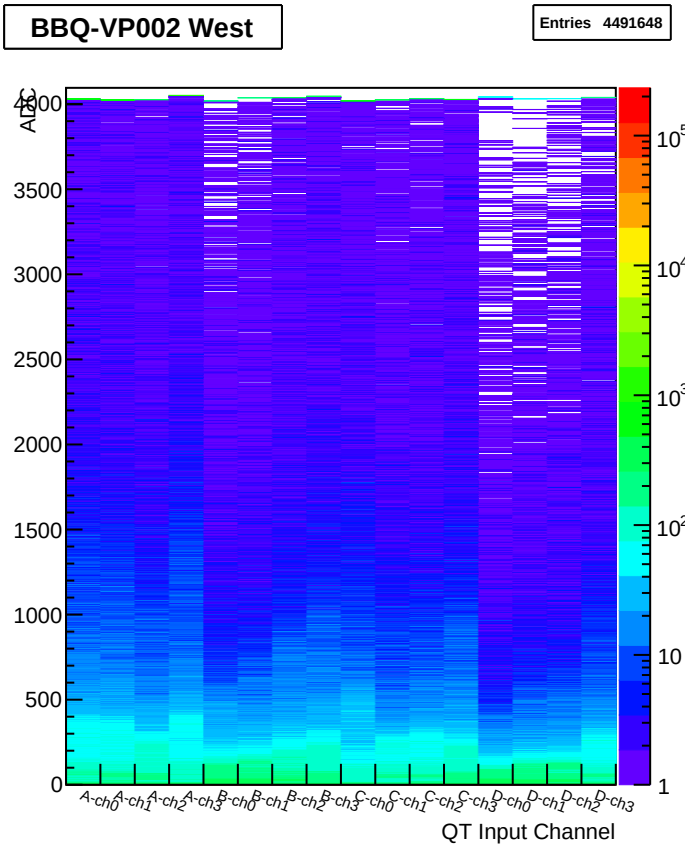

BBQ-BB002 (BBC west small tiles TAC)
Entries 4491648
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

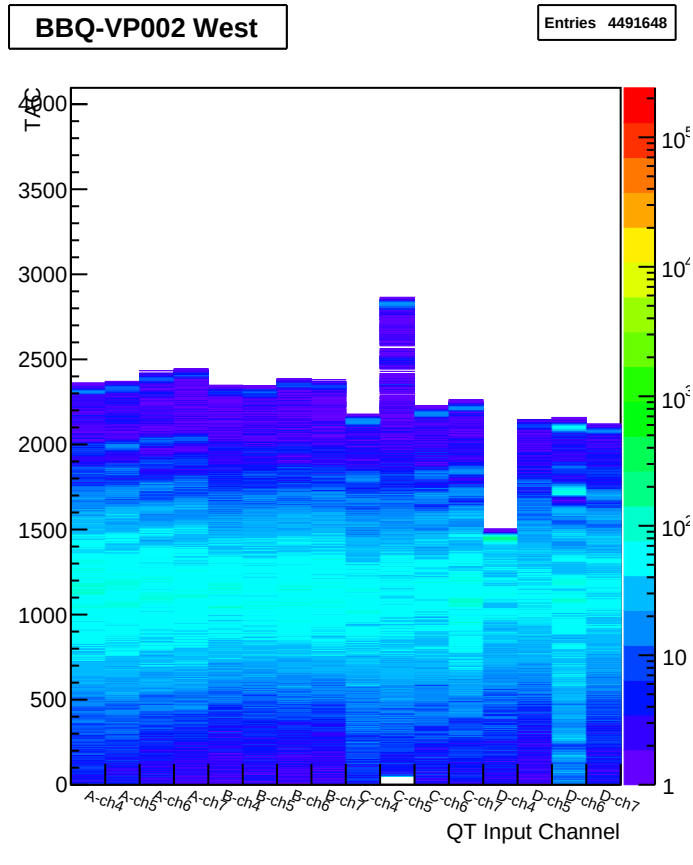

BBQ-ZD001 (ZDC TOWER)
Entries 4491648
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

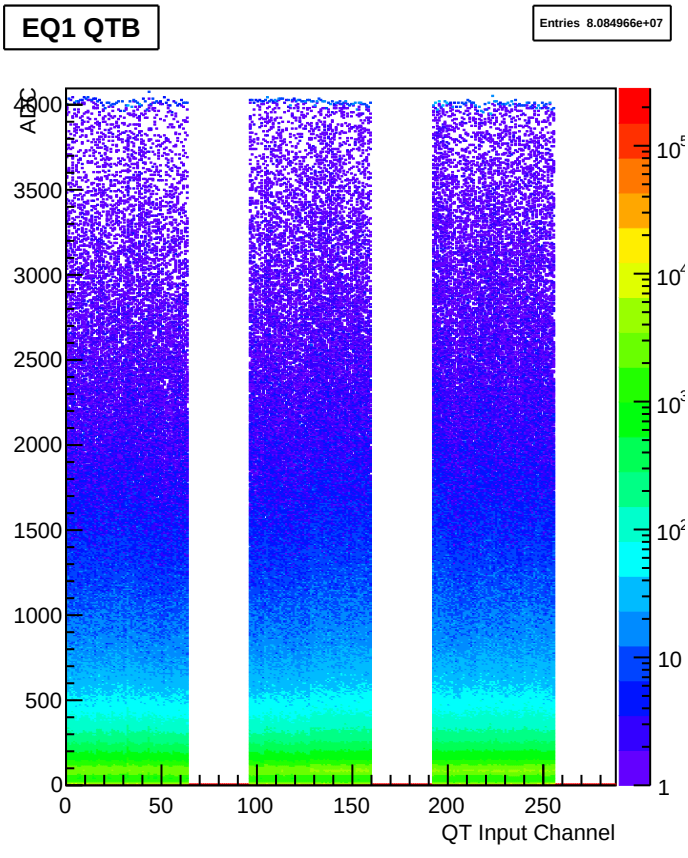

BBQ-ZD001 (ZDC TOWER)
Entries 4491648
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

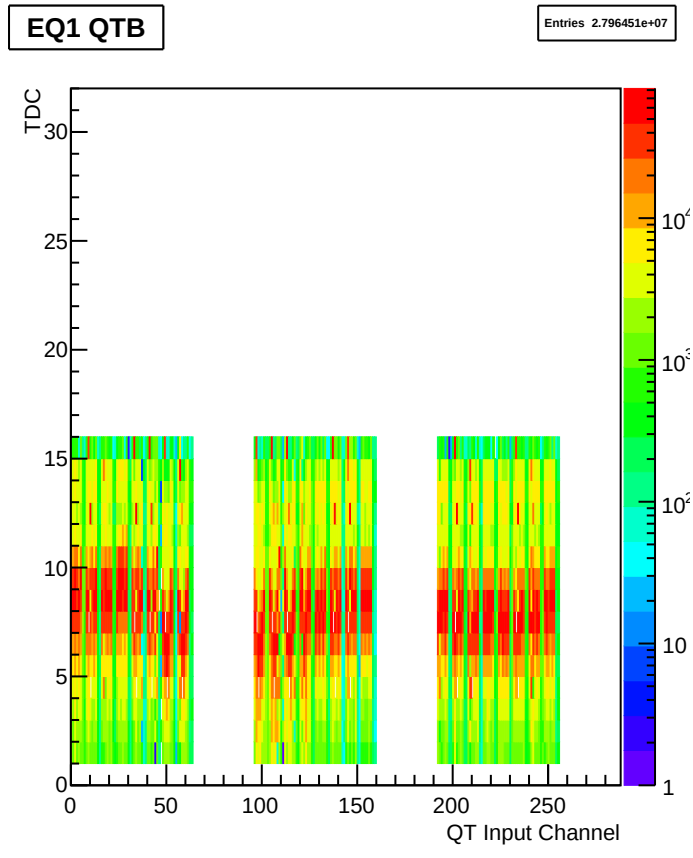

BBQ-VP001 East
Entries 4491648
ADC
QT Input Channel

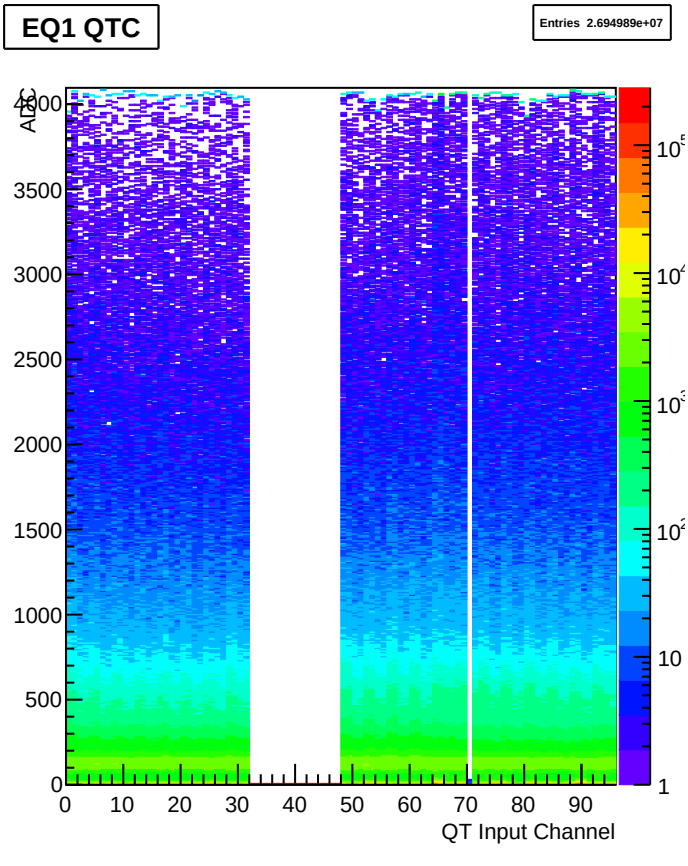

BBQ-VP001 East
Entries 4491648
TADC
QT Input Channel

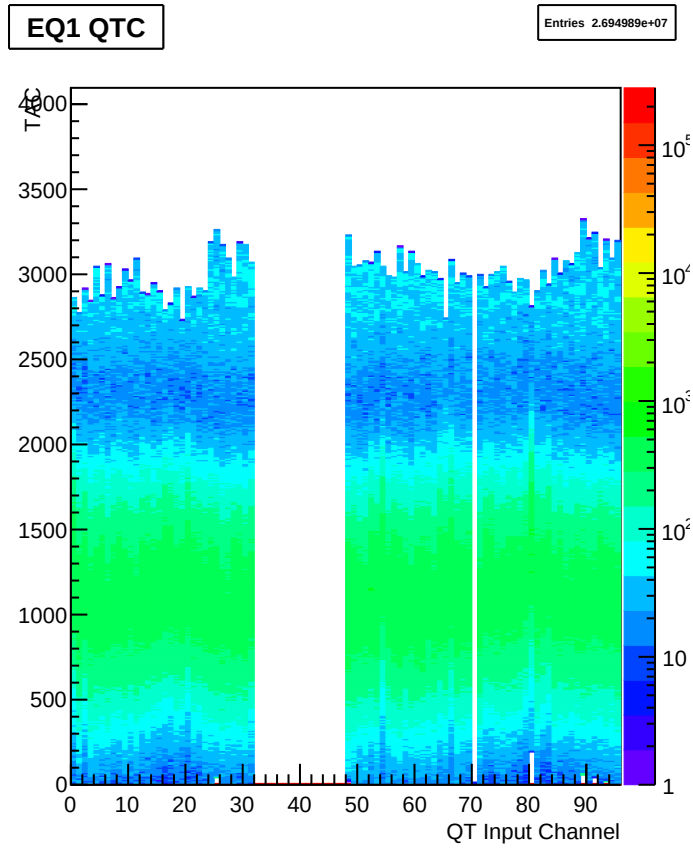

BBQ-VP002 West
Entries 4491648
ADC
QT Input Channel

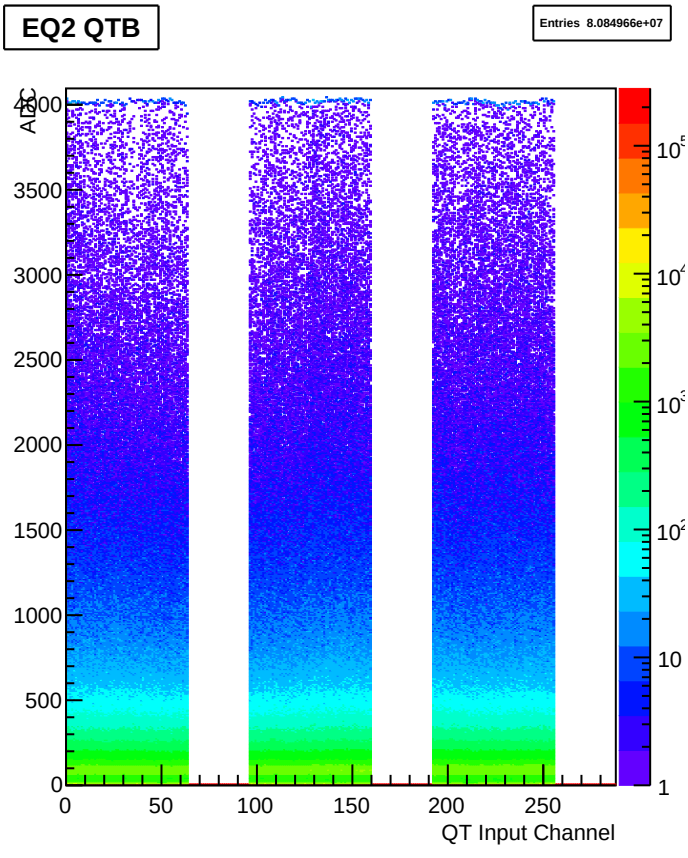

BBQ-VP002 West
Entries 4491648
TADC
QT Input Channel

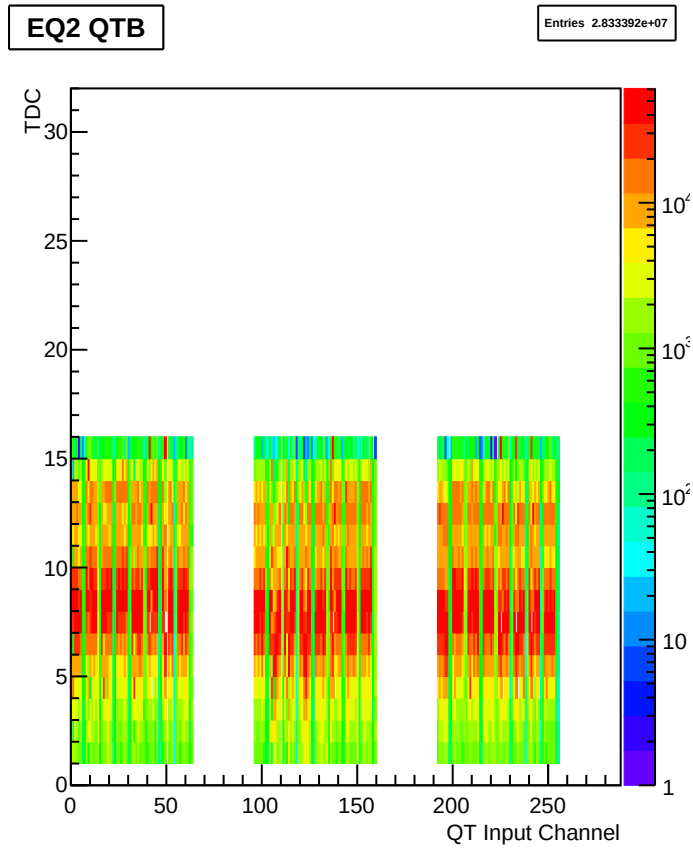

EQ1 QTB
Entries 8.084966e+07
ADC
QT Input Channel

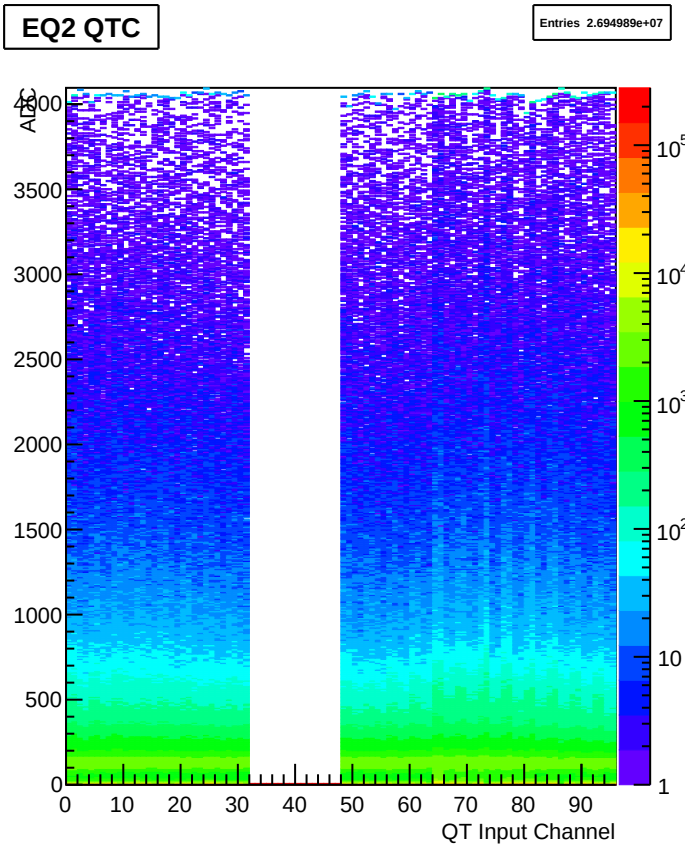

EQ1 QTB
Entries 2.796451e+07
TDC
QT Input Channel

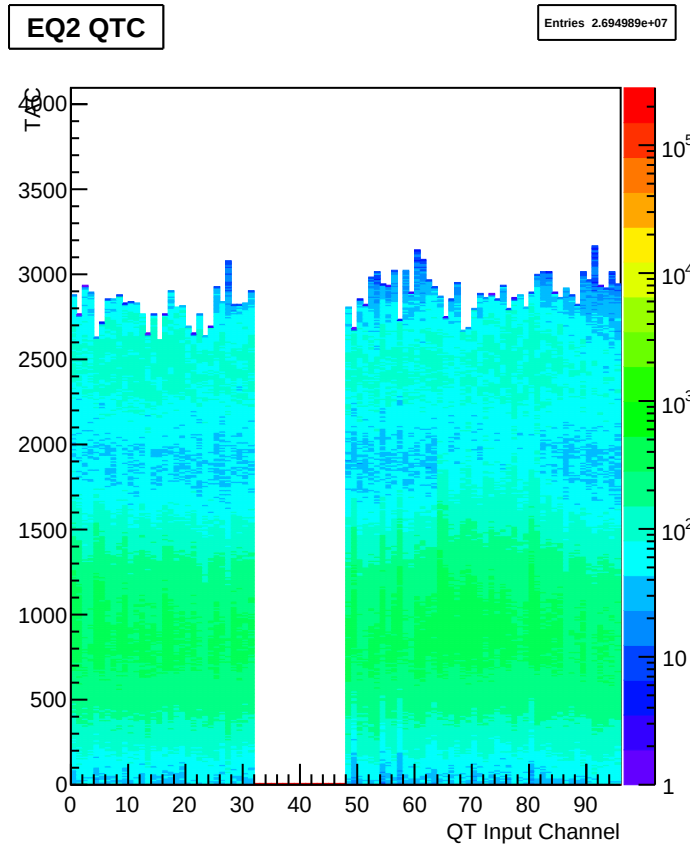

EQ1 QTC
Entries 2.694989e+07
ADC
QT Input Channel

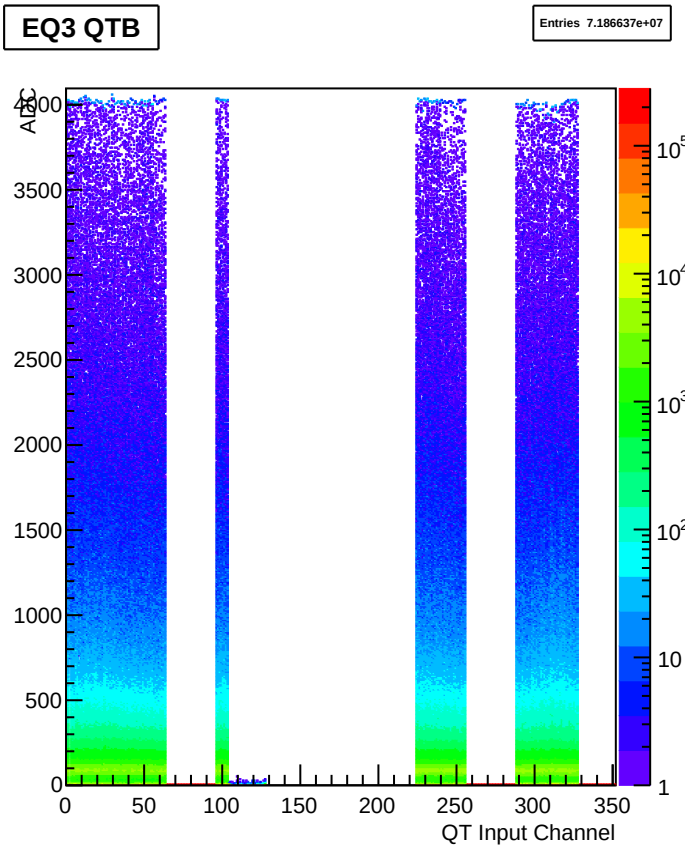

EQ1 QTC
Entries 2.694989e+07
TADC
QT Input Channel

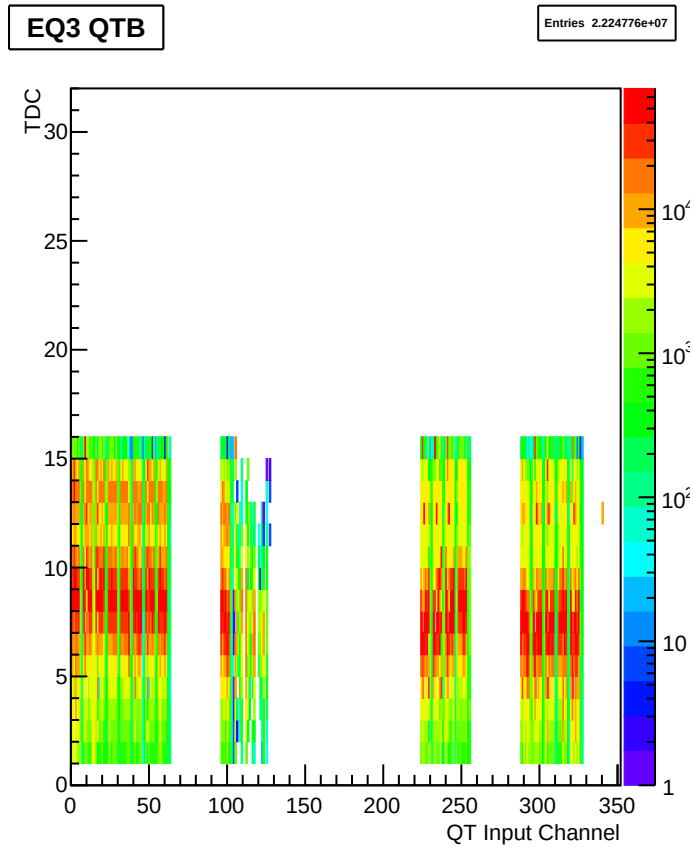

EQ2 QTB
Entries 8.084966e+07
ADC
QT Input Channel

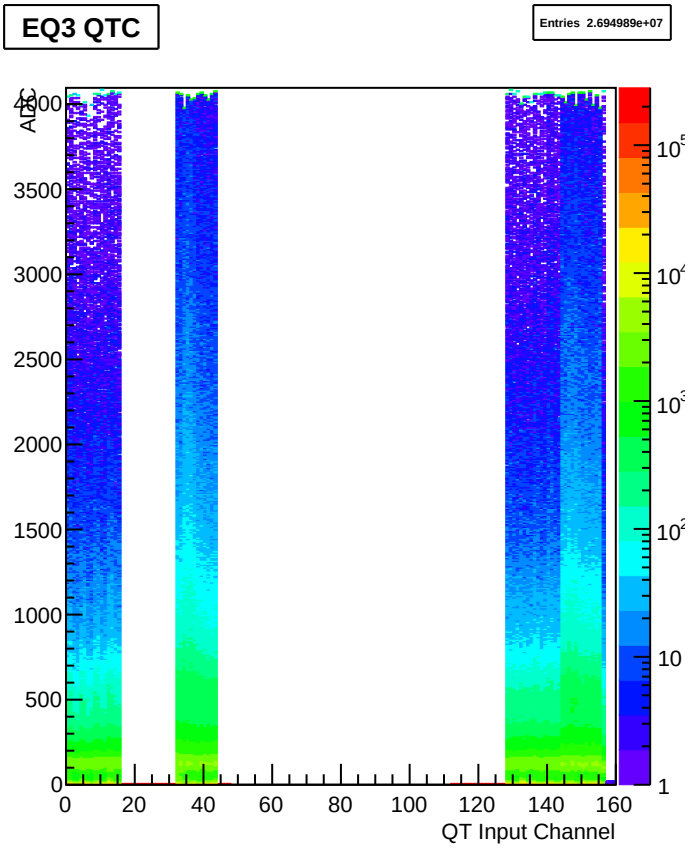

EQ2 QTB
Entries 2.833392e+07
TDC
QT Input Channel

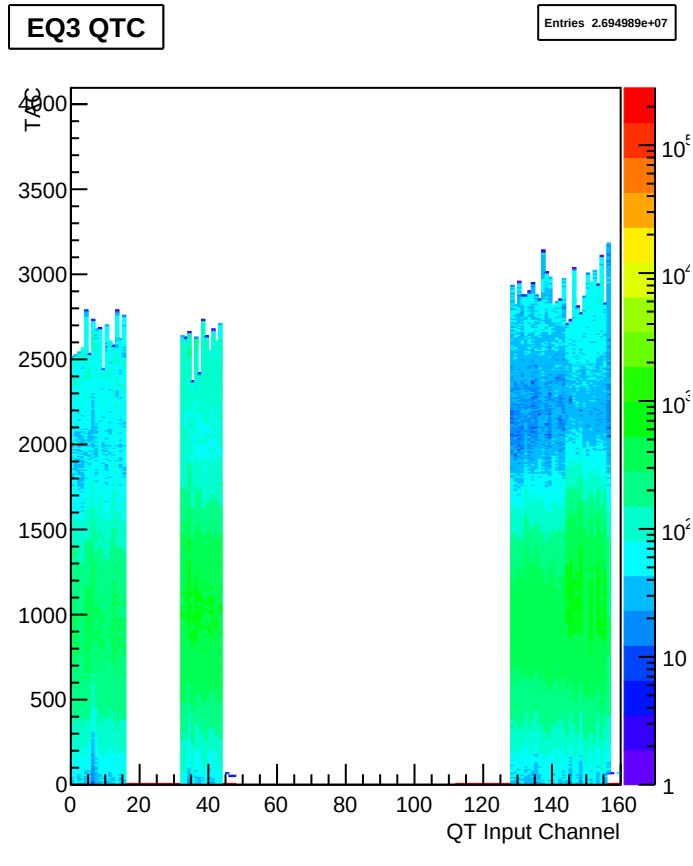

EQ2 QTC
Entries 2.694989e+07
ADC
QT Input Channel

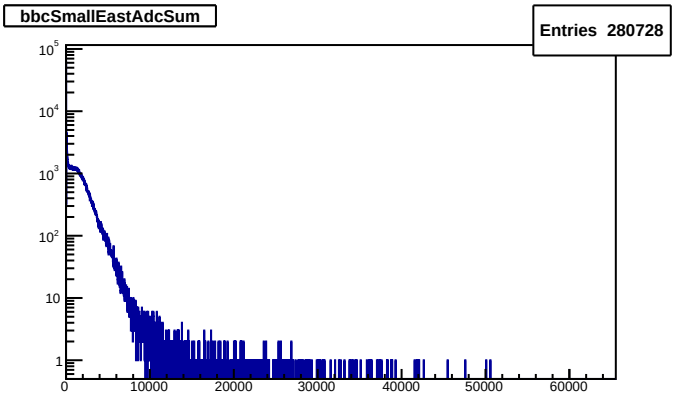

EQ2 QTC
Entries 2.694989e+07
TADC
QT Input Channel

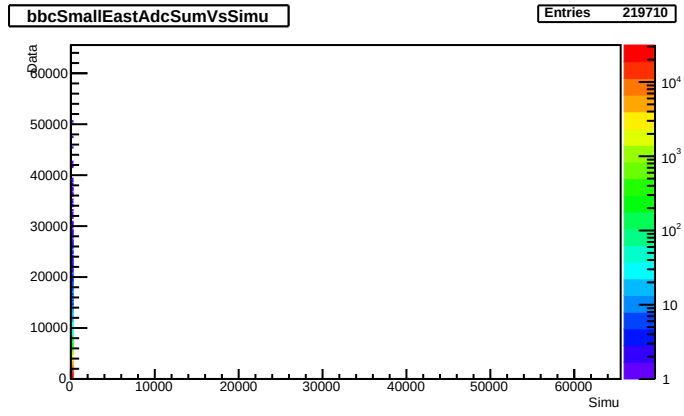

EQ3 QTB
Entries 7.186637e+07
ADC
QT Input Channel

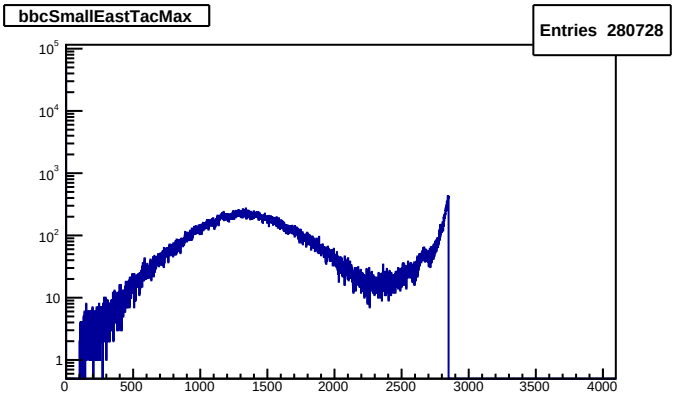

EQ3 QTB
Entries 2.224776e+07
TDC
QT Input Channel

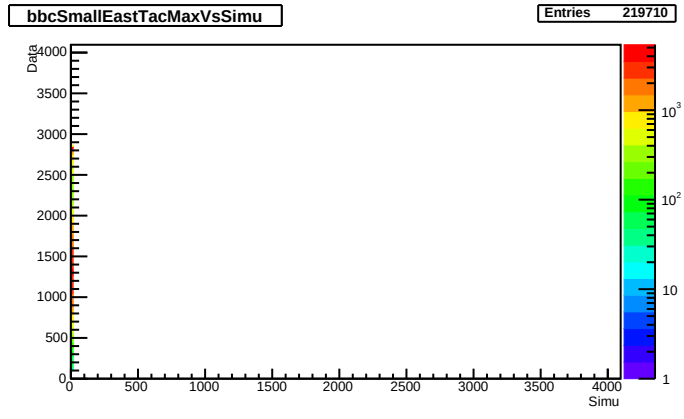

EQ3 QTC
Entries 2.694989e+07
ADC
QT Input Channel

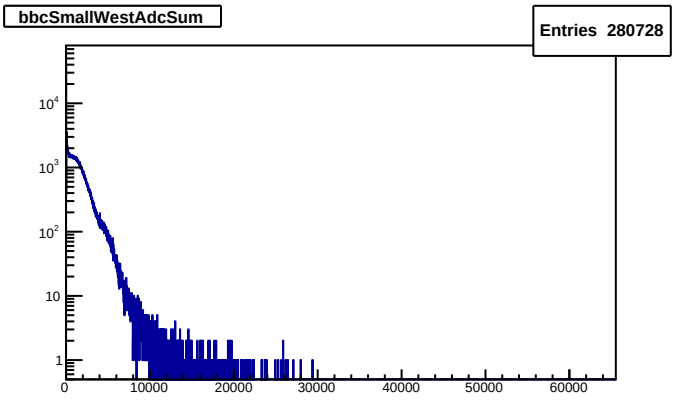

EQ3 QTC
Entries 2.694989e+07
TADC
QT Input Channel

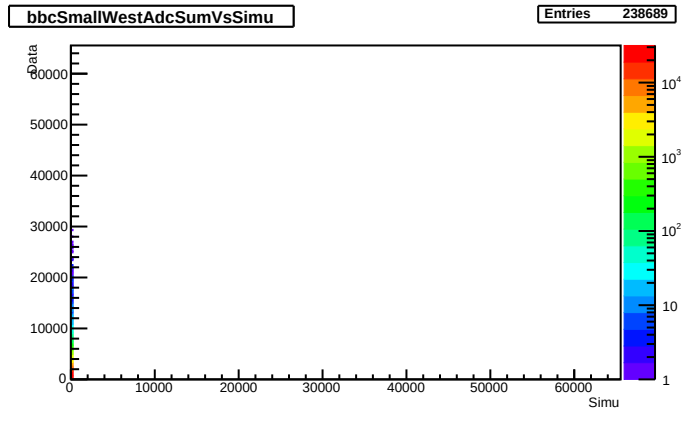

bbcSmallEastAdcSum
Entries 280728

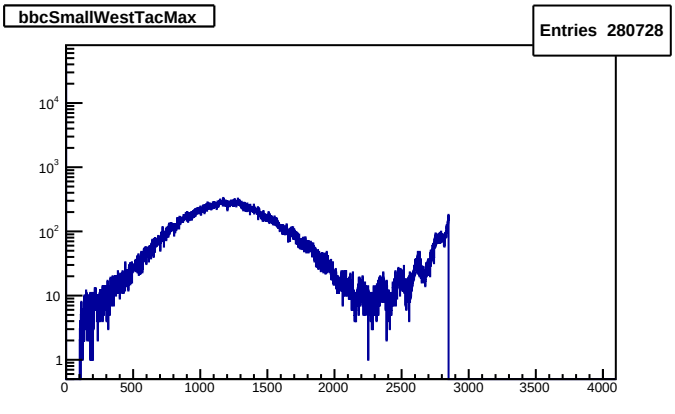

bbcSmallEastAdcSumVsSimu
Entries 219710
Data
Simu

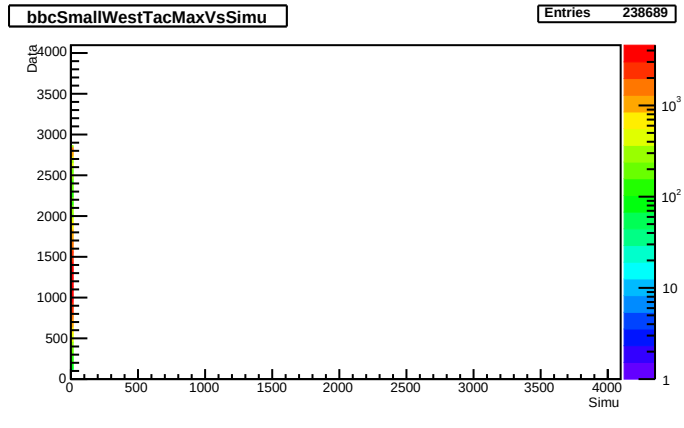

bbcSmallEastTacMax
Entries 280728

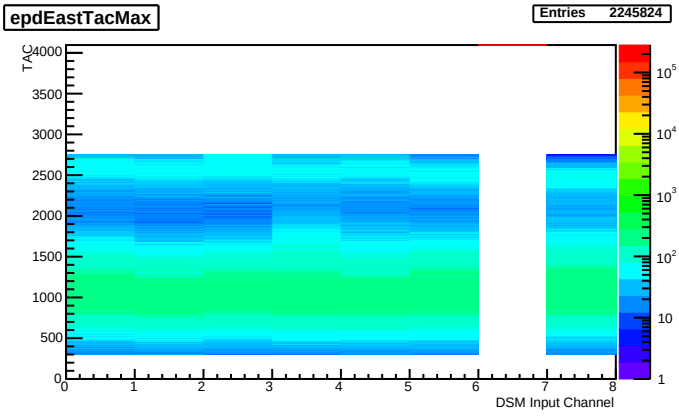

bbcSmallEastTacMaxVsSimu
Entries 219710
Data
Simu

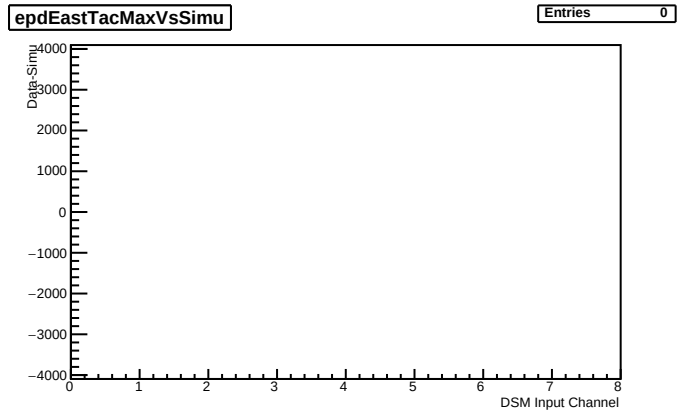

bbcSmallWestAdcSum
Entries 280728

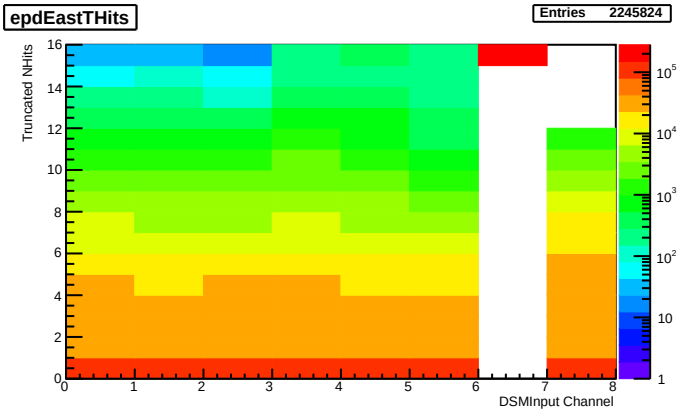

bbcSmallWestAdcSumVsSimu
Entries 238689
Data
Simu

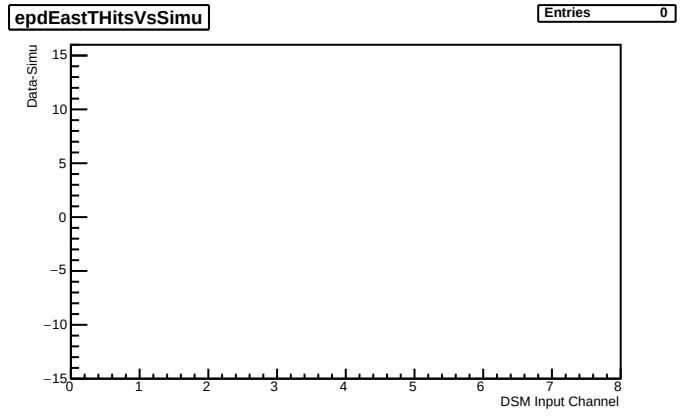

bbcSmallWestTacMax
Entries 280728

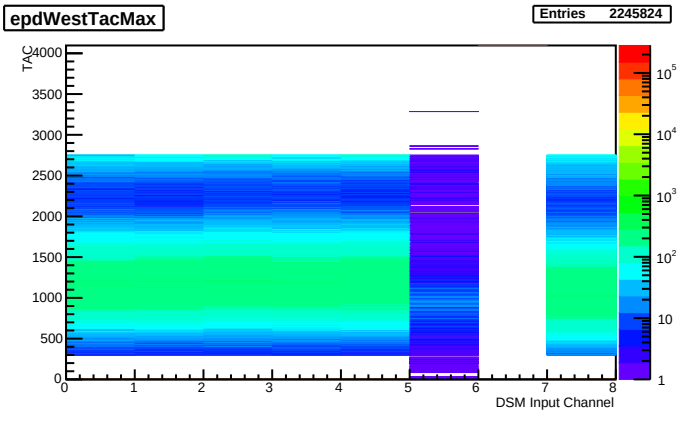

bbcSmallWestTacMaxVsSimu
Entries 238689
Data
Simu

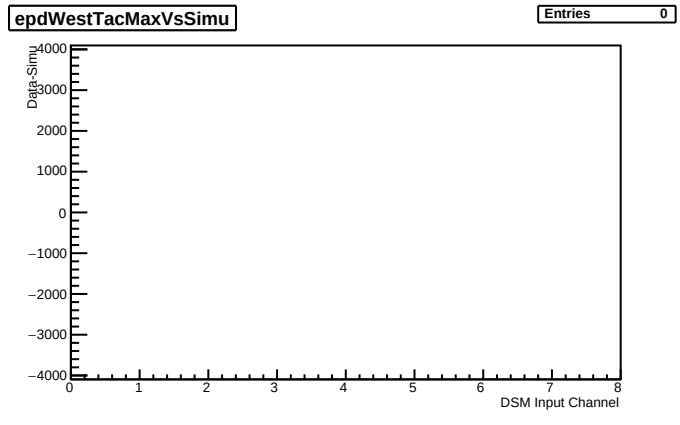

epdEastTacMax
Entries 2245824
TAC
DSM Input Channel

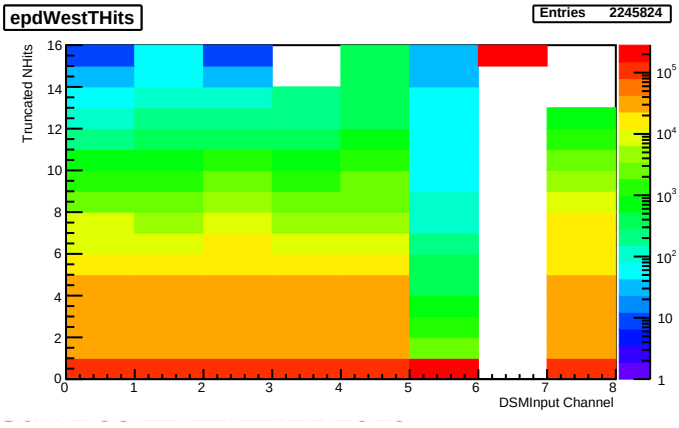

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

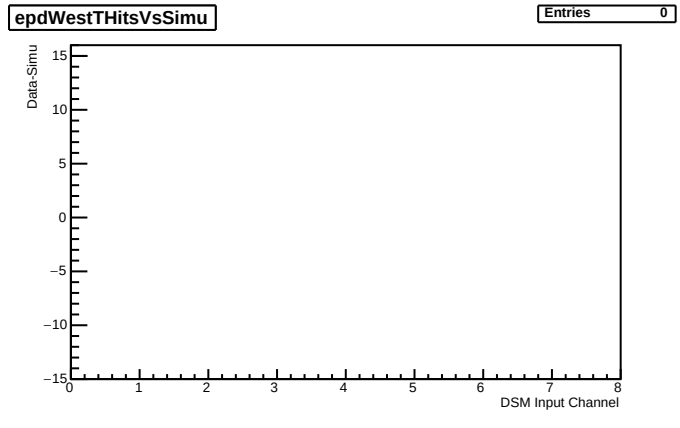

epdEastTHits
Entries 2245824
Truncated NHits
DSMInput Channel

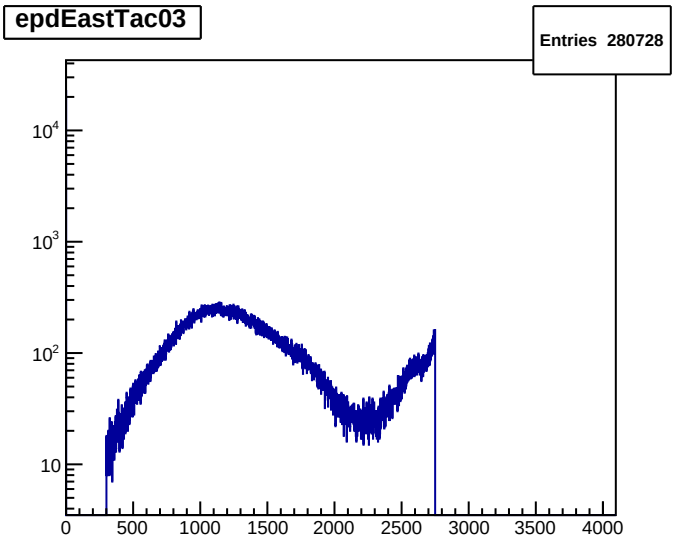

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

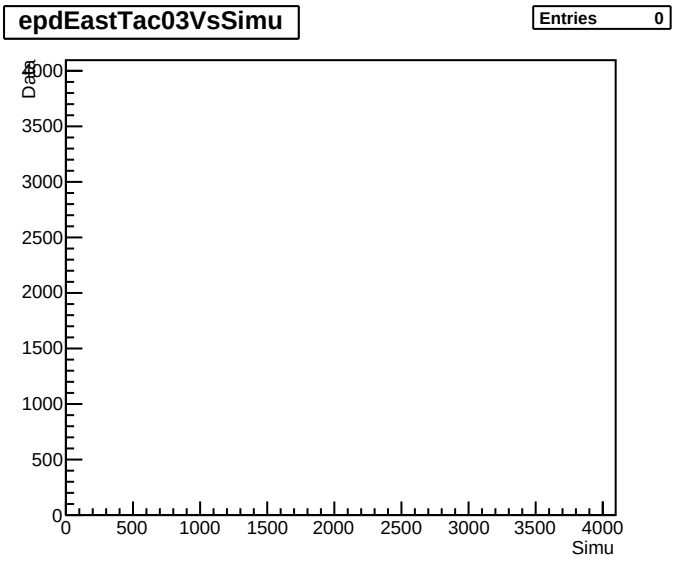

epdWestTacMax
Entries 2245824
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2245824
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 280728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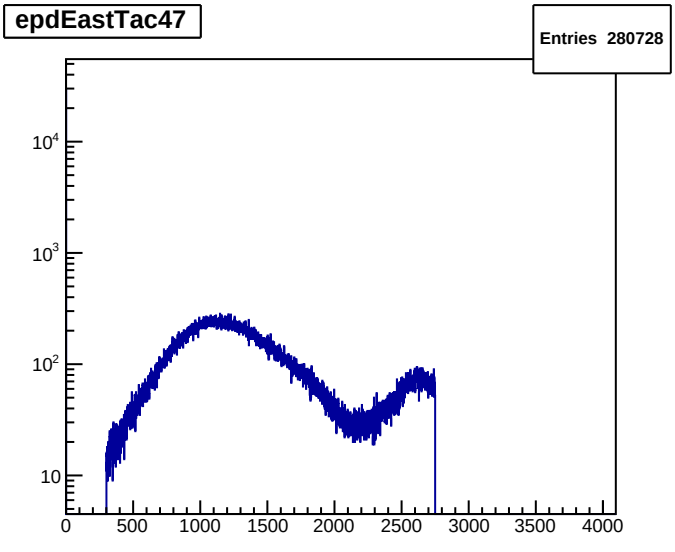
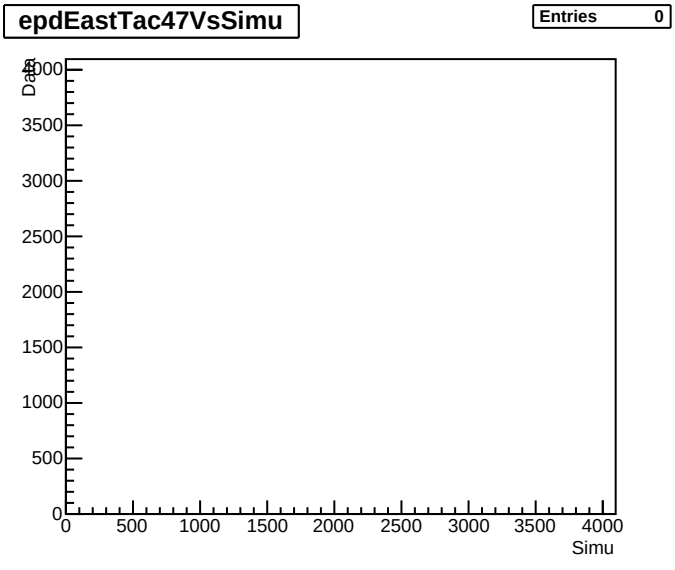
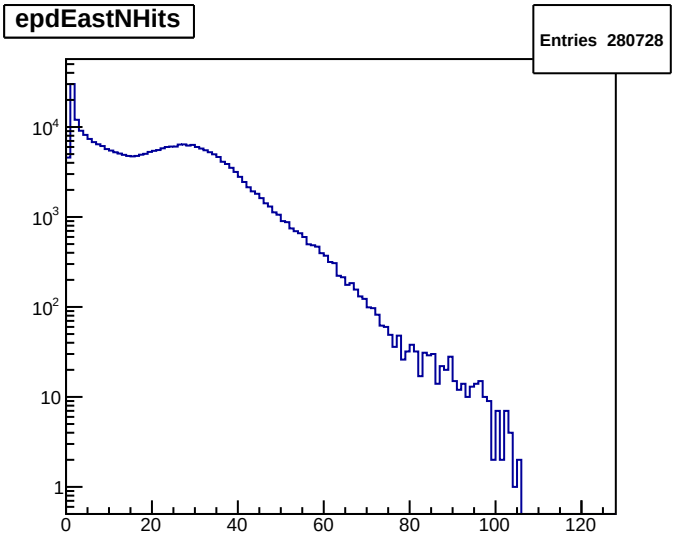
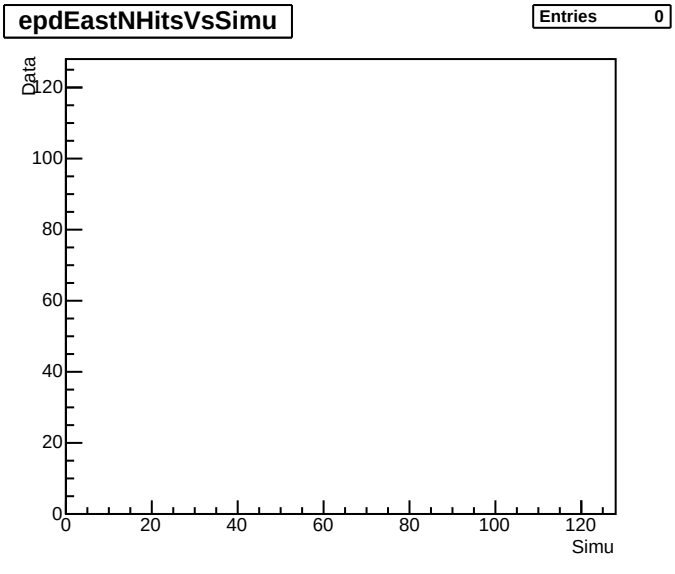
Entries 0
Data
Simu


epdEastTac47
Entries 280728


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 280728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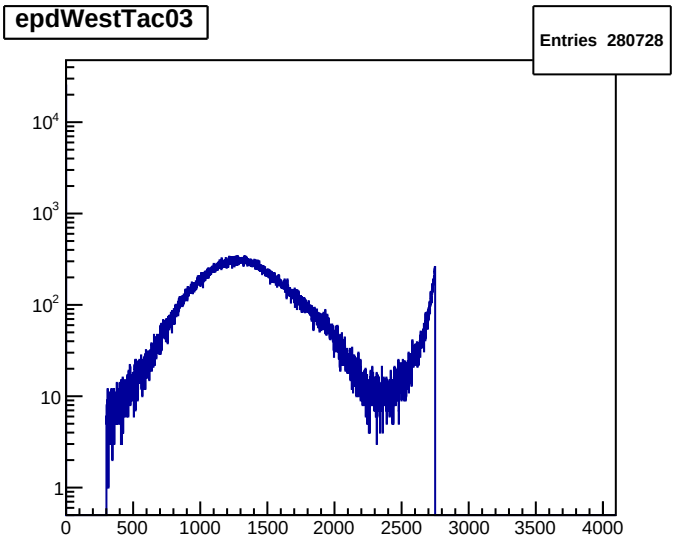
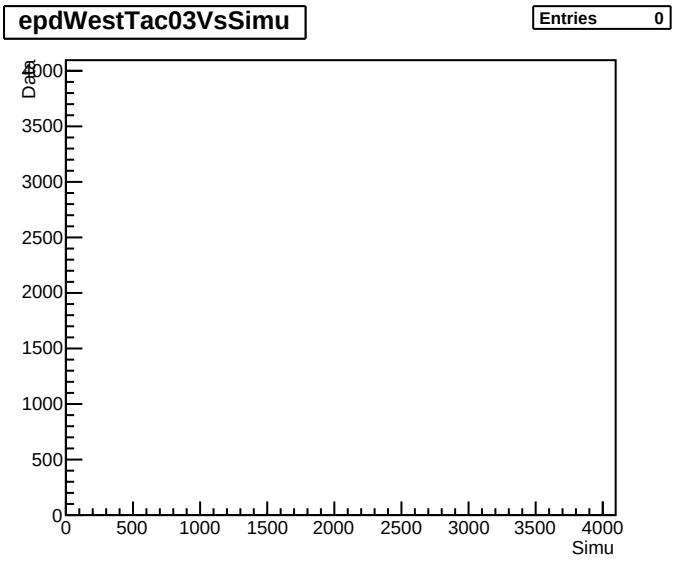
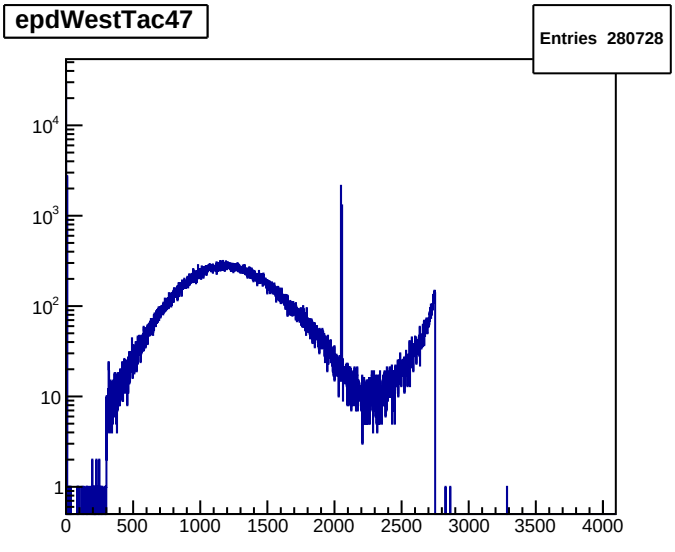
Entries 0
Data
Simu


epdWestTac03
Entries 280728


epdWestTac03VsSimu
Entries 0
Data
Simu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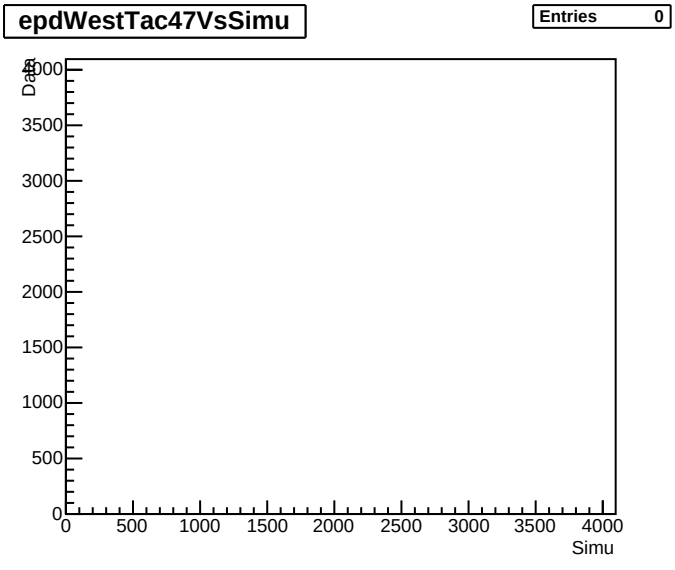
Entries 280728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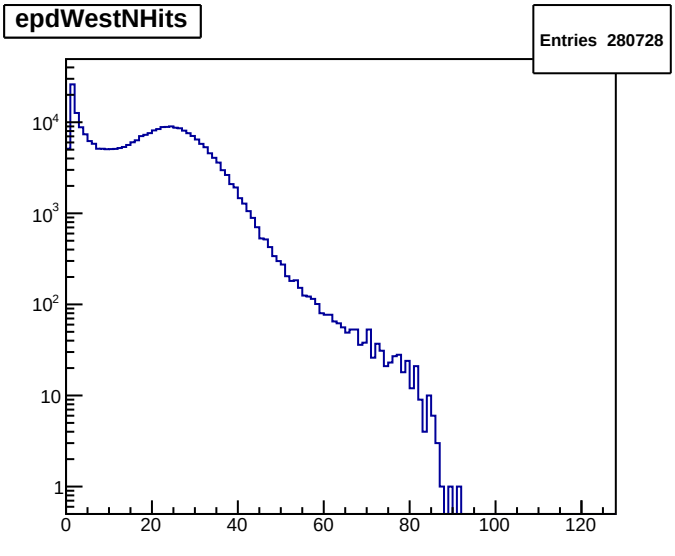
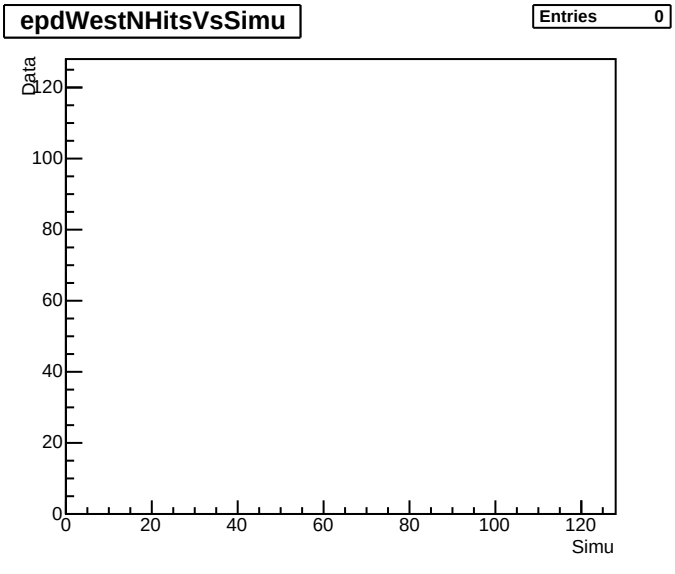
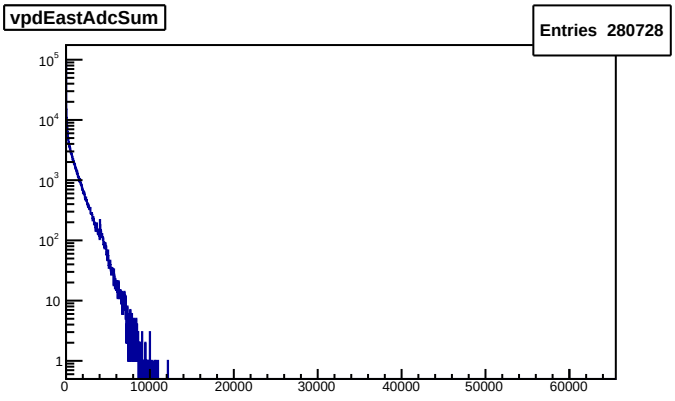
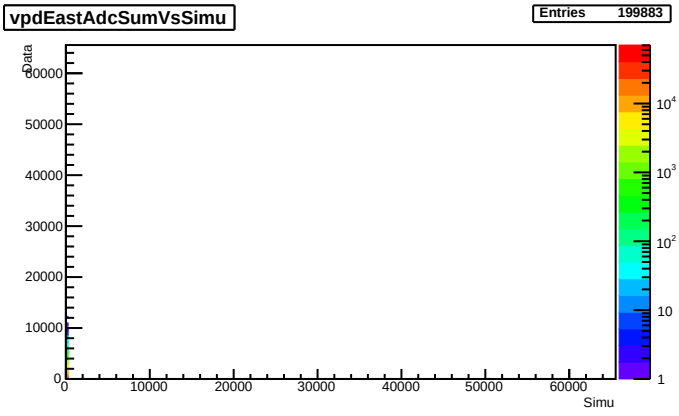
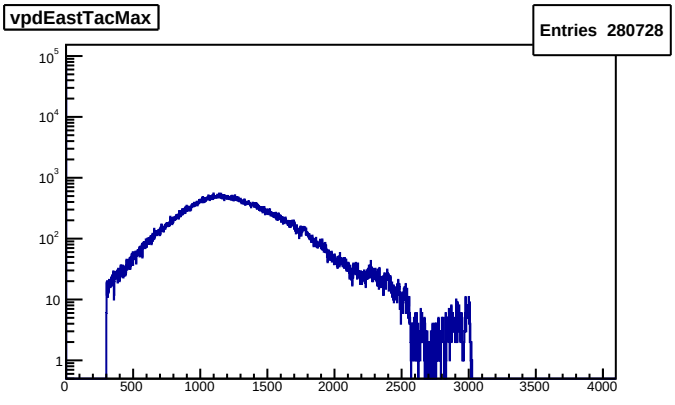
Entries 0
Data
Simu

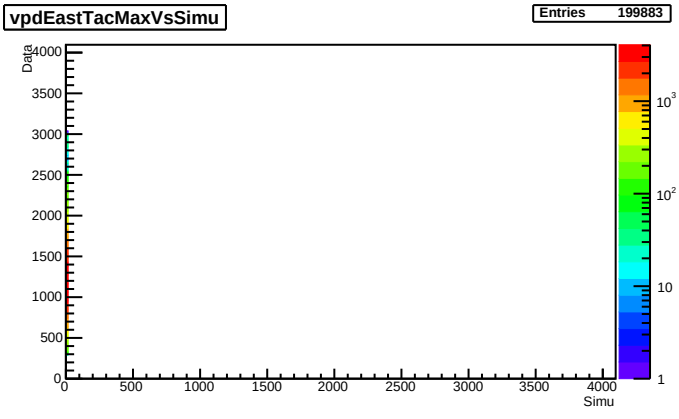

epdWestNHits
Entries 280728

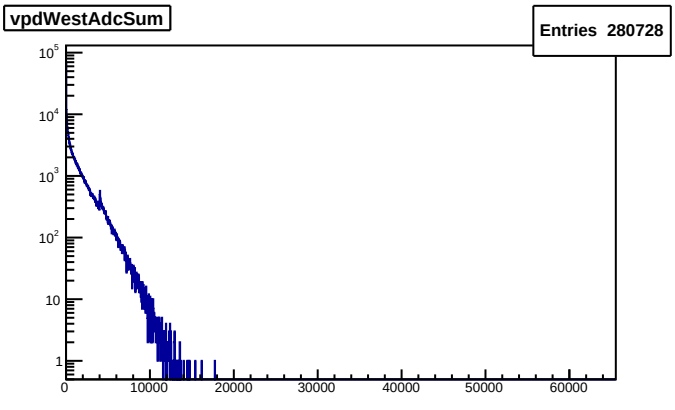

epdWestNHitsVsSimu
Entries 0
Data
Simu

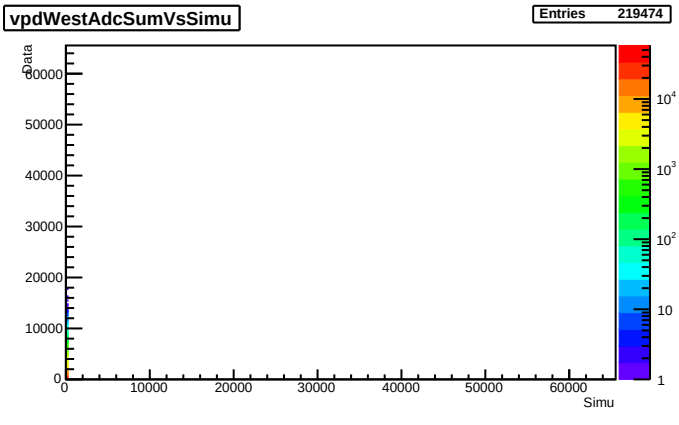

vpdEastAdcSum
Entries 280728

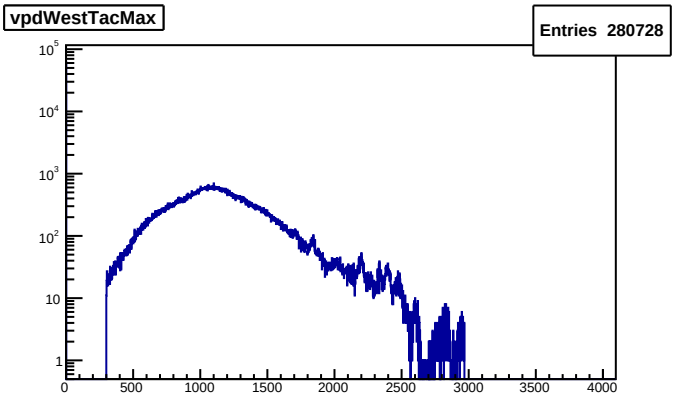

vpdEastAdcSumVsSimu
Entries 199883
Data
Simu

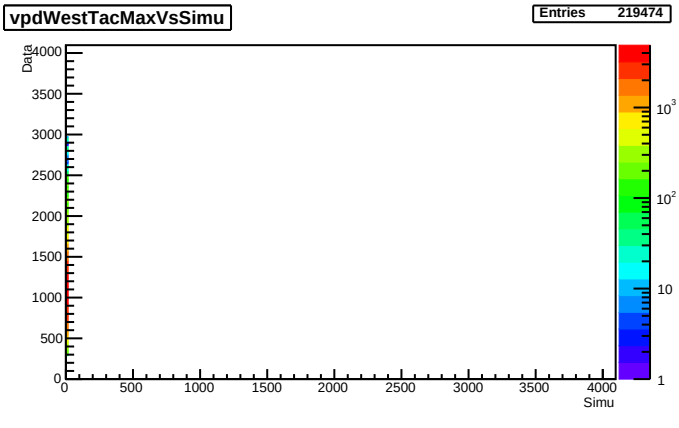

vpdEastTacMax
Entries 280728

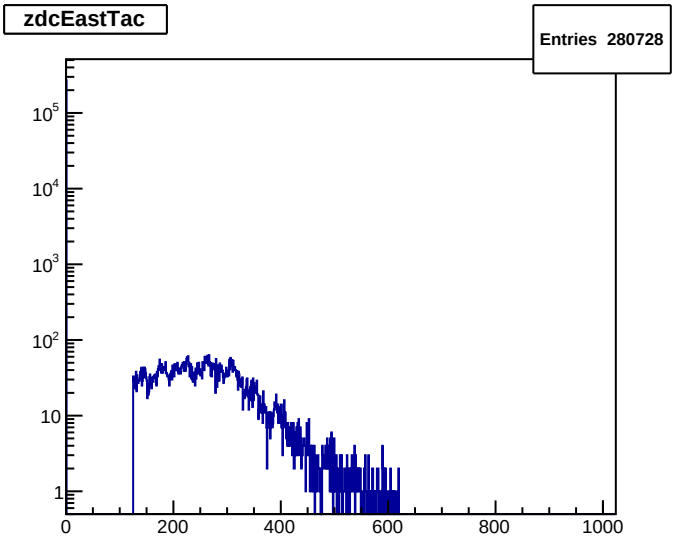

vpdEastTacMaxVsSimu
Entries 199883
Data
Simu

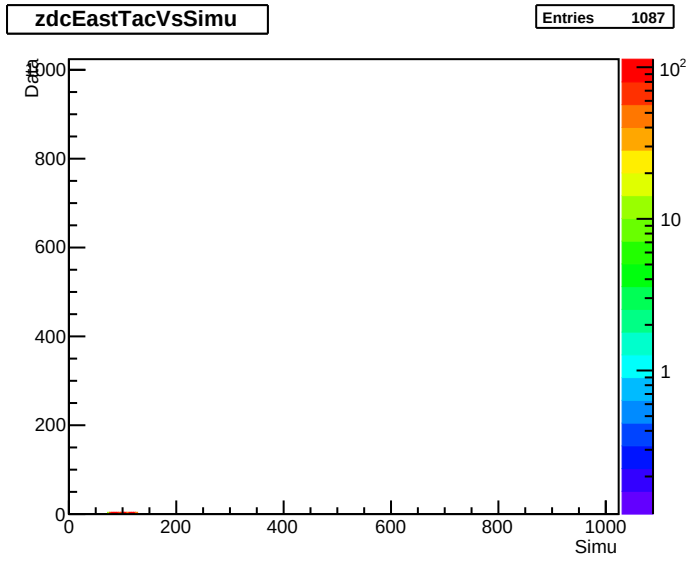

vpdWestAdcSum
Entries 280728

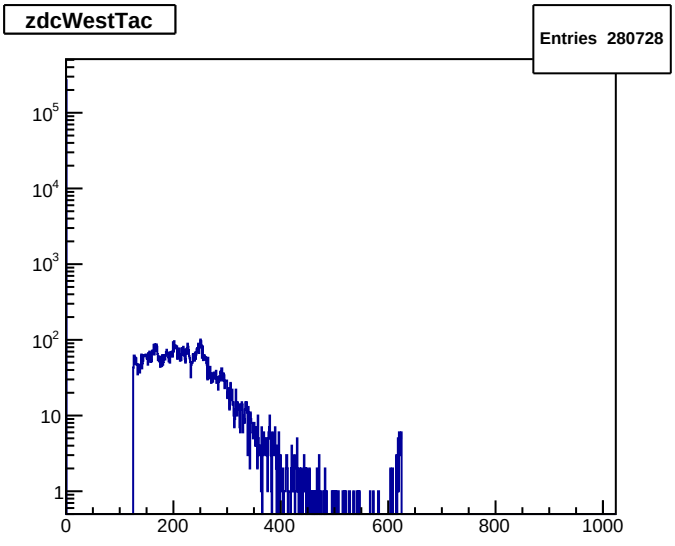

vpdWestAdcSumVsSimu
Entries 219474
Data
Simu

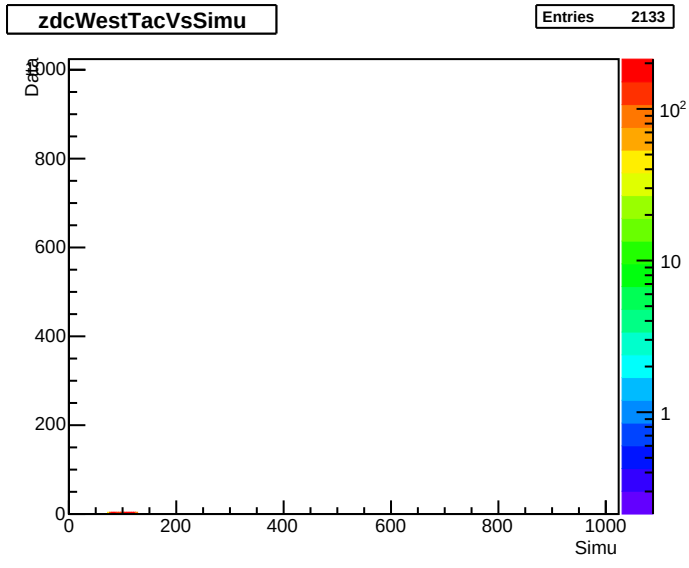

vpdWestTacMax
Entries 280728

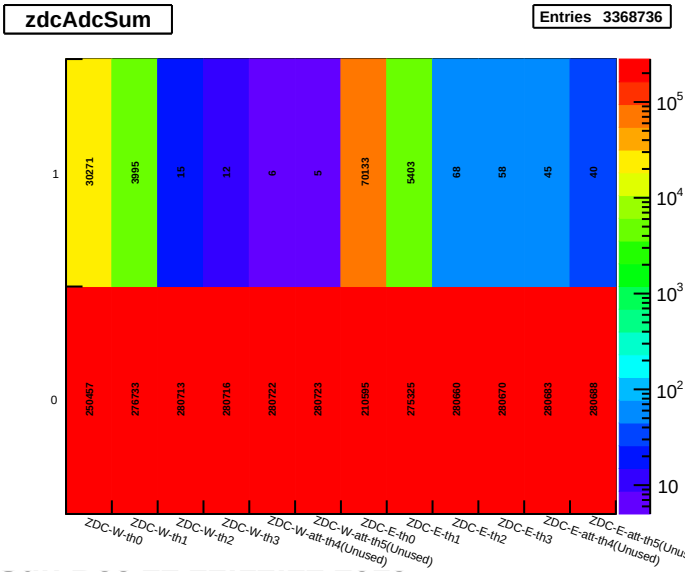

vpdWestTacMaxVsSimu
Entries 219474
Data
Simu

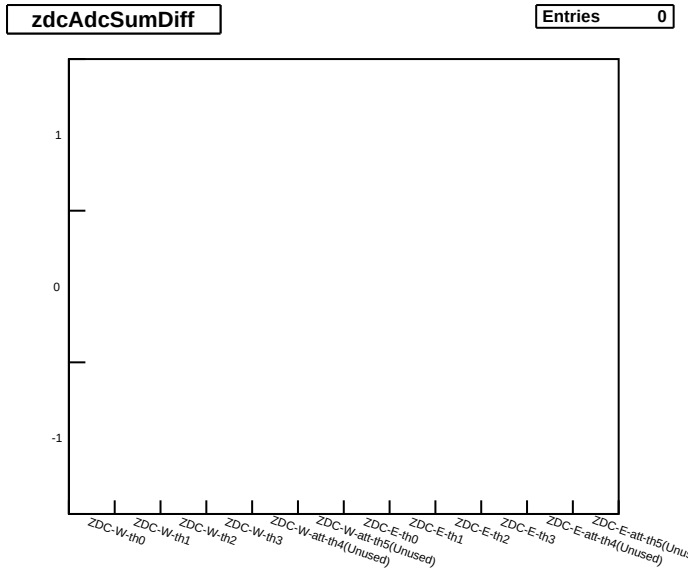

zdcEastTac
Entries 280728

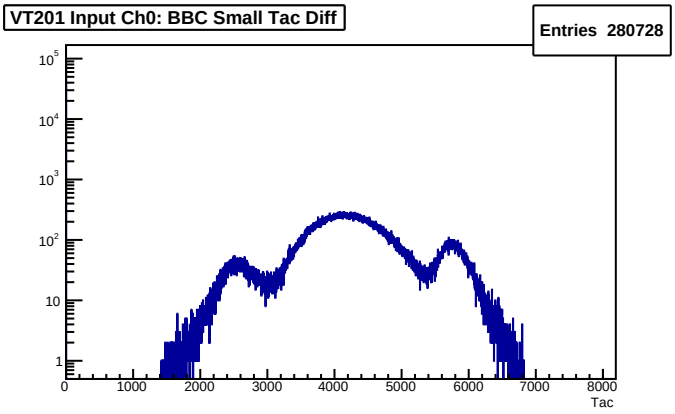

zdcEastTacVsSimu
Entries 1087
Data
Simu

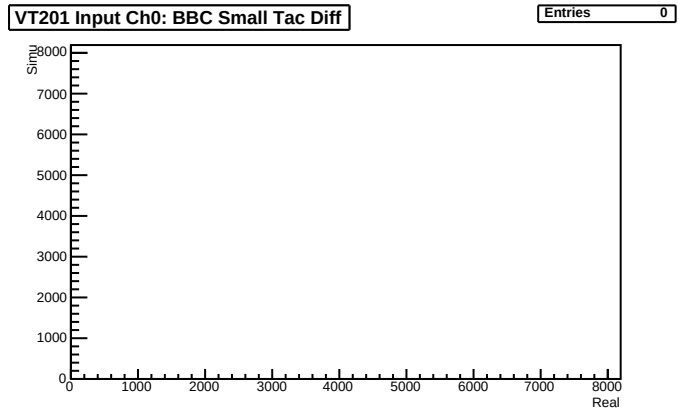

zdcWestTac
Entries 280728

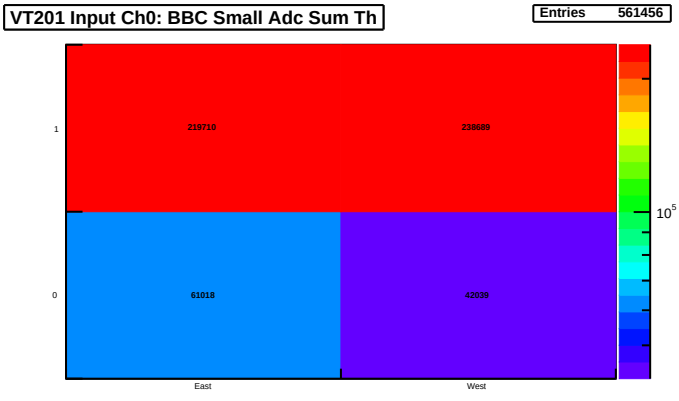

zdcWestTacVsSimu
Entries 2133
Data
Simu

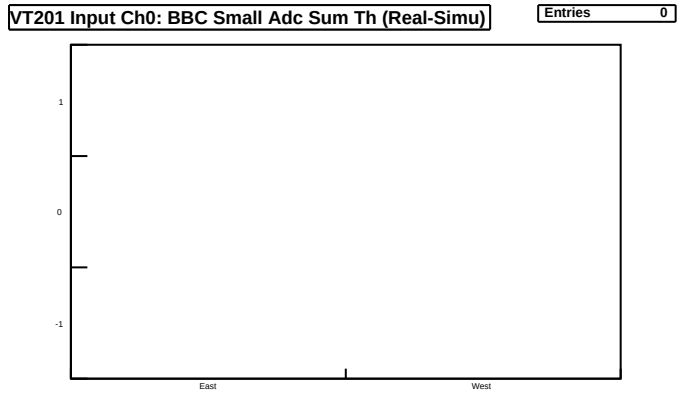

zdcAdcSum
Entries 3368736
30271
3995
15
12
6
5
70133
5403
68
58
45
40
250457
276733
280713
280716
280722
280723
210595
275325
280660
280670
280683
280688
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

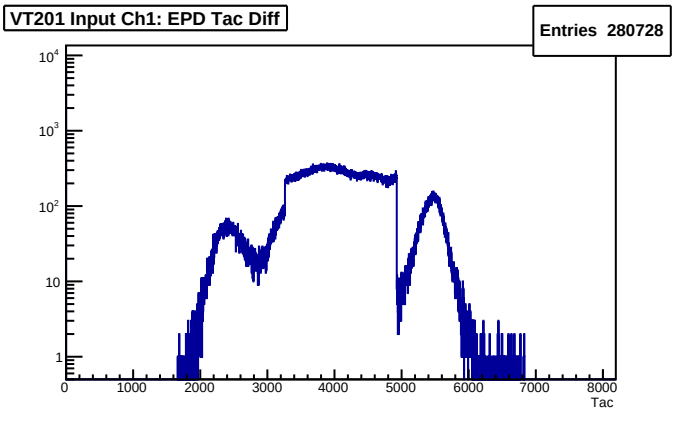

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

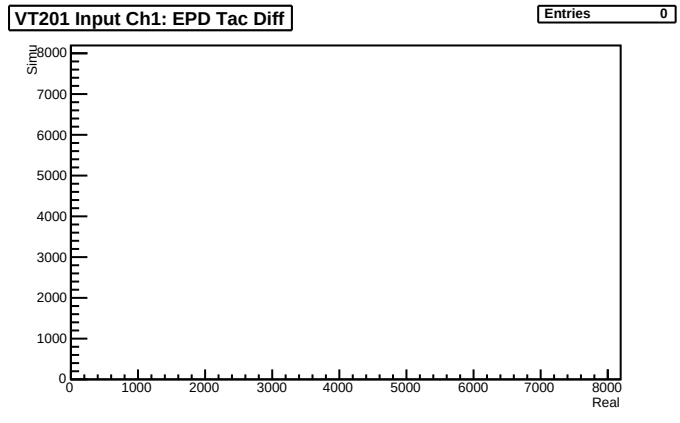

VT201 Input Ch0: BBC Small Tac Diff
Entries 280728
Tac

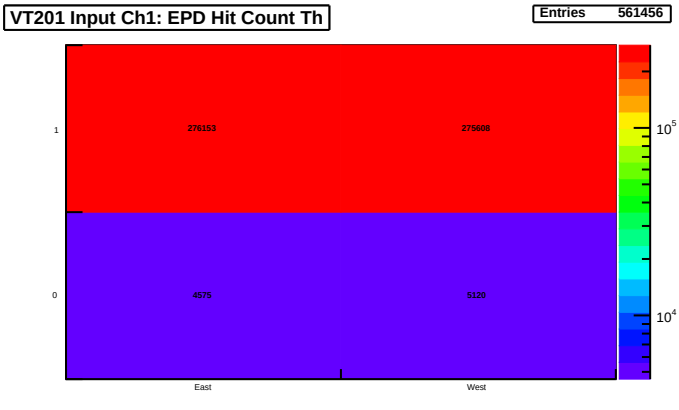

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

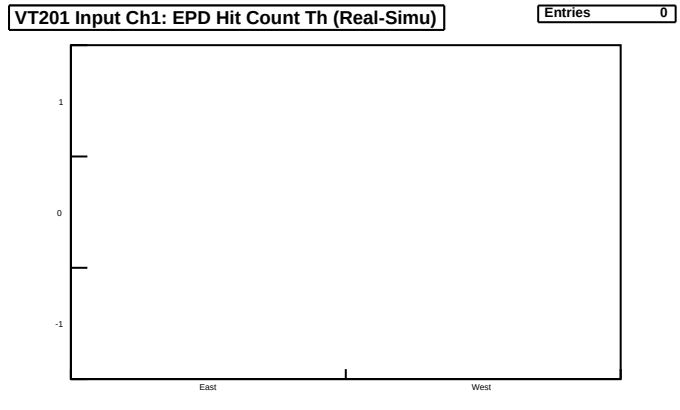

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 561456
219710
238689
61018
42039
East
West

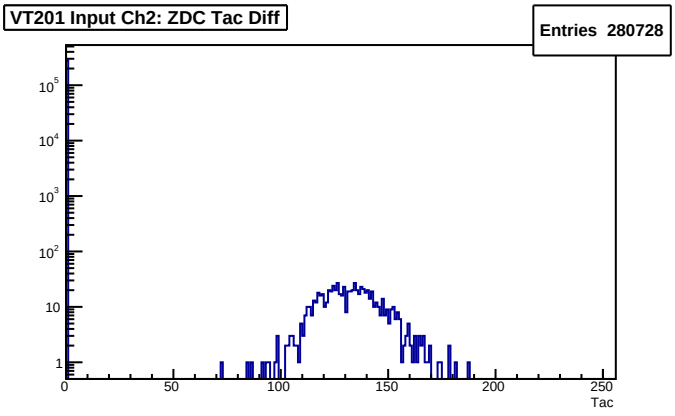

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

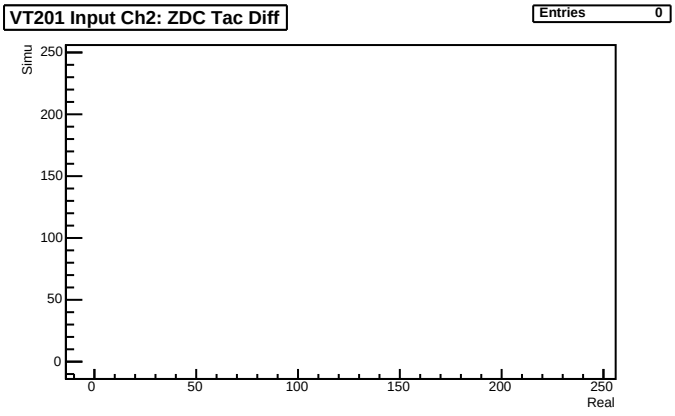

VT201 Input Ch1: EPD Tac Diff
Entries 280728
Tac

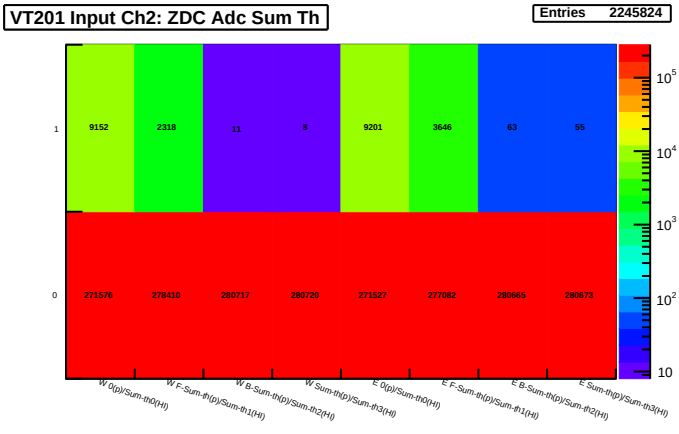

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

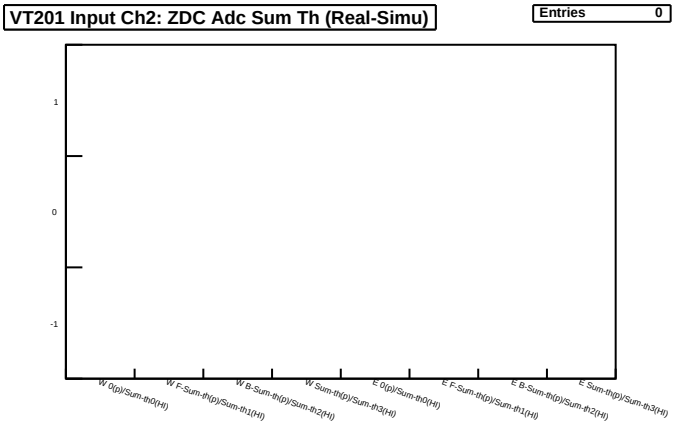

VT201 Input Ch1: EPD Hit Count Th
Entries 561456
276153
275608
4575
5120
East
West

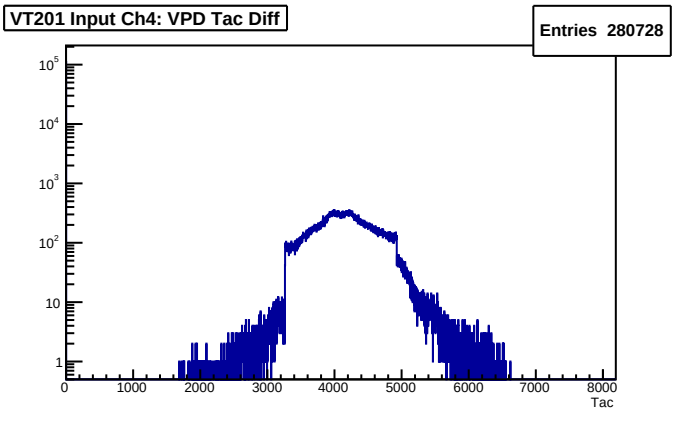

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

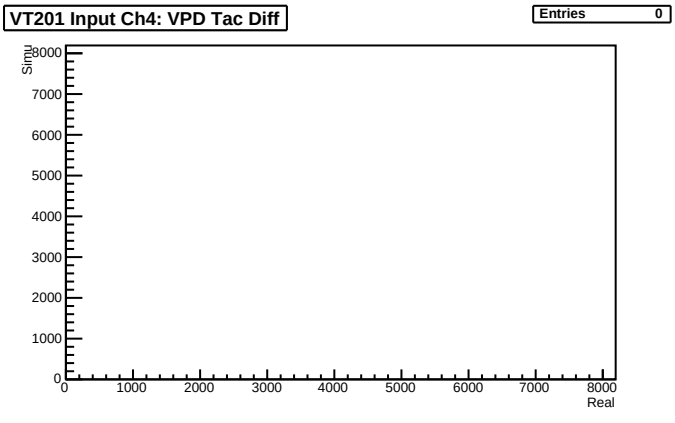

VT201 Input Ch2: ZDC Tac Diff
Entries 280728
Tac

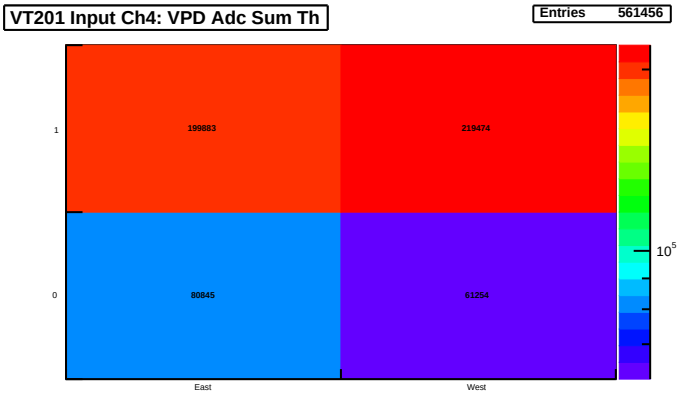

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

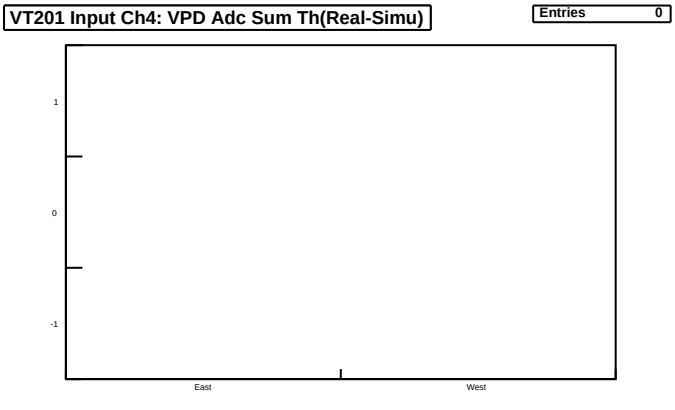

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2245824
9152
2318
11
8
9201
3646
63
55
271576
278410
280717
280720
271527
277082
280665
280673
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

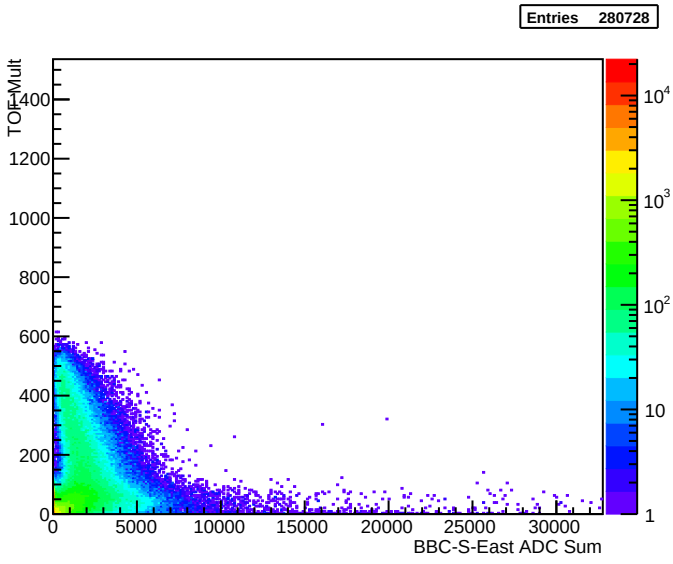

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

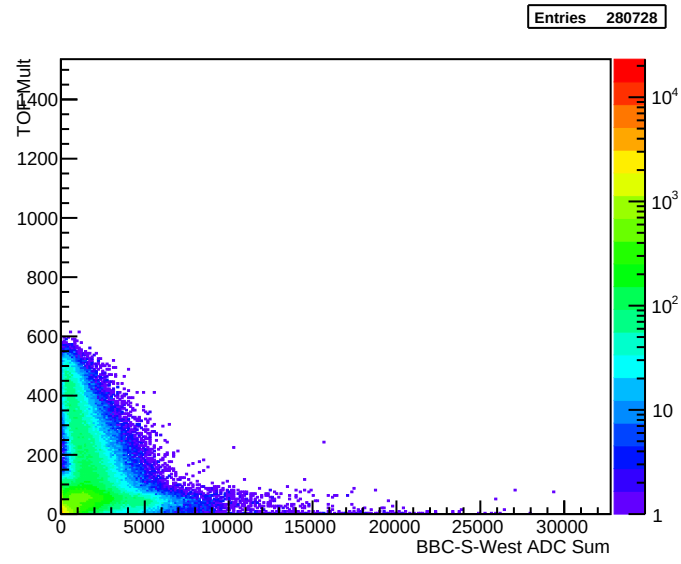

VT201 Input Ch4: VPD Tac Diff
Entries 280728
Tac

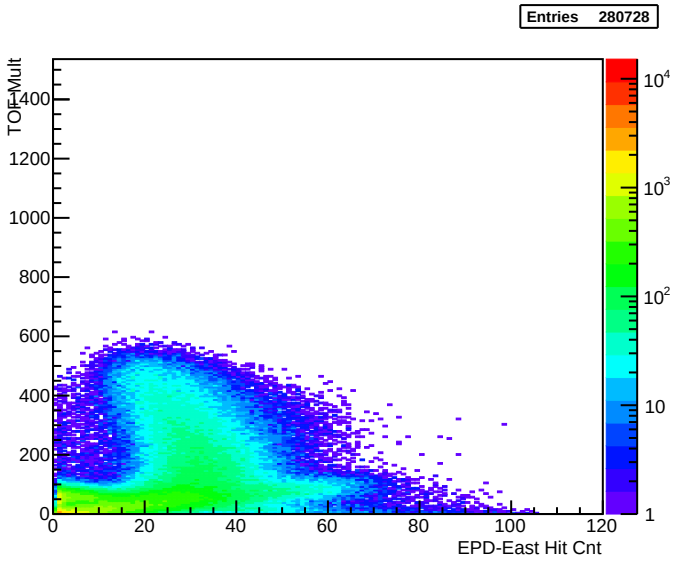

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

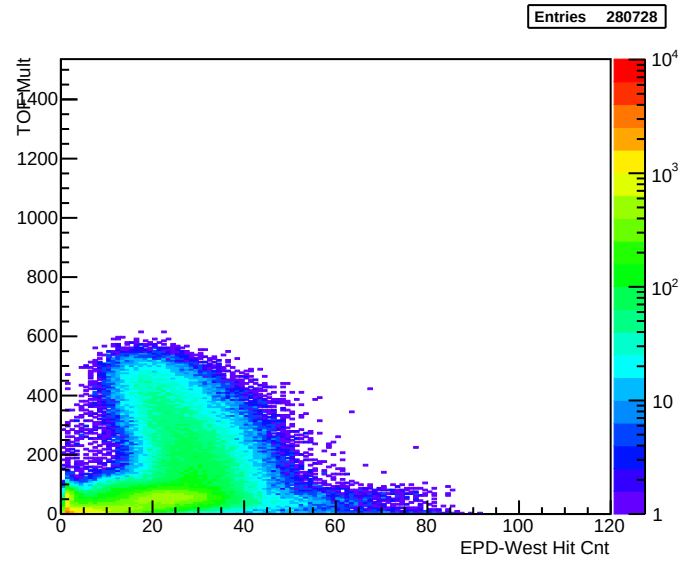

VT201 Input Ch4: VPD Adc Sum Th
Entries 561456
199883
219474
80845
61254
East
West

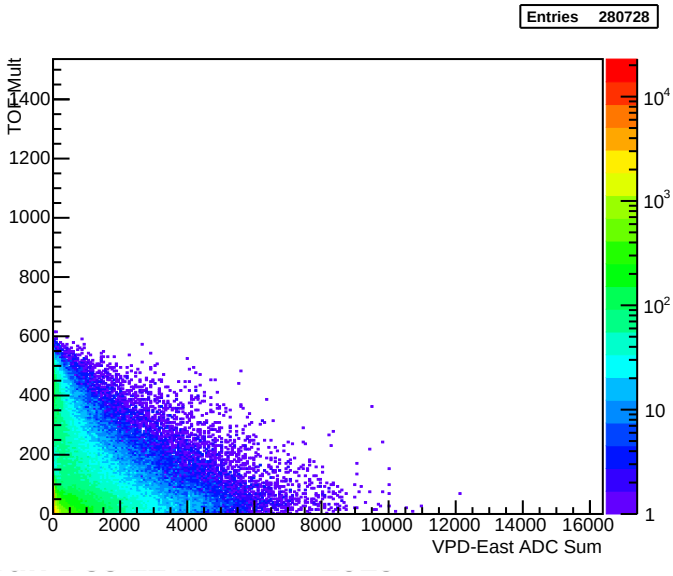

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

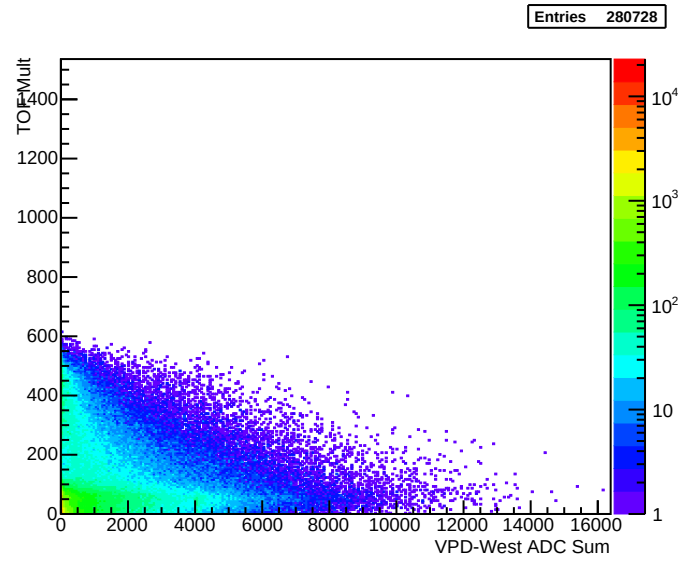

Entries 280728
TOF-Mult
BBC-S-East ADC Sum

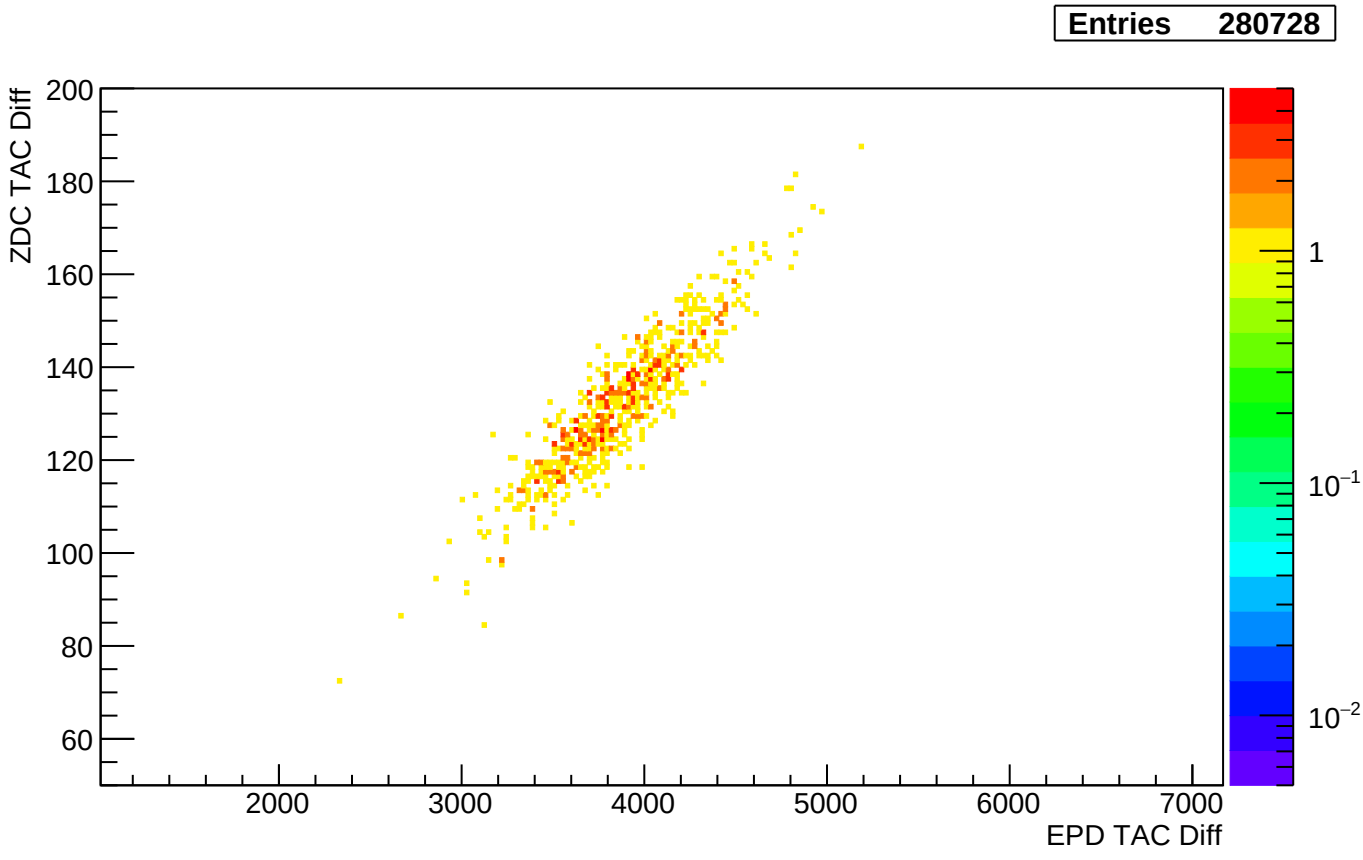

Entries 280728
TOF-Mult
BBC-S-West ADC Sum

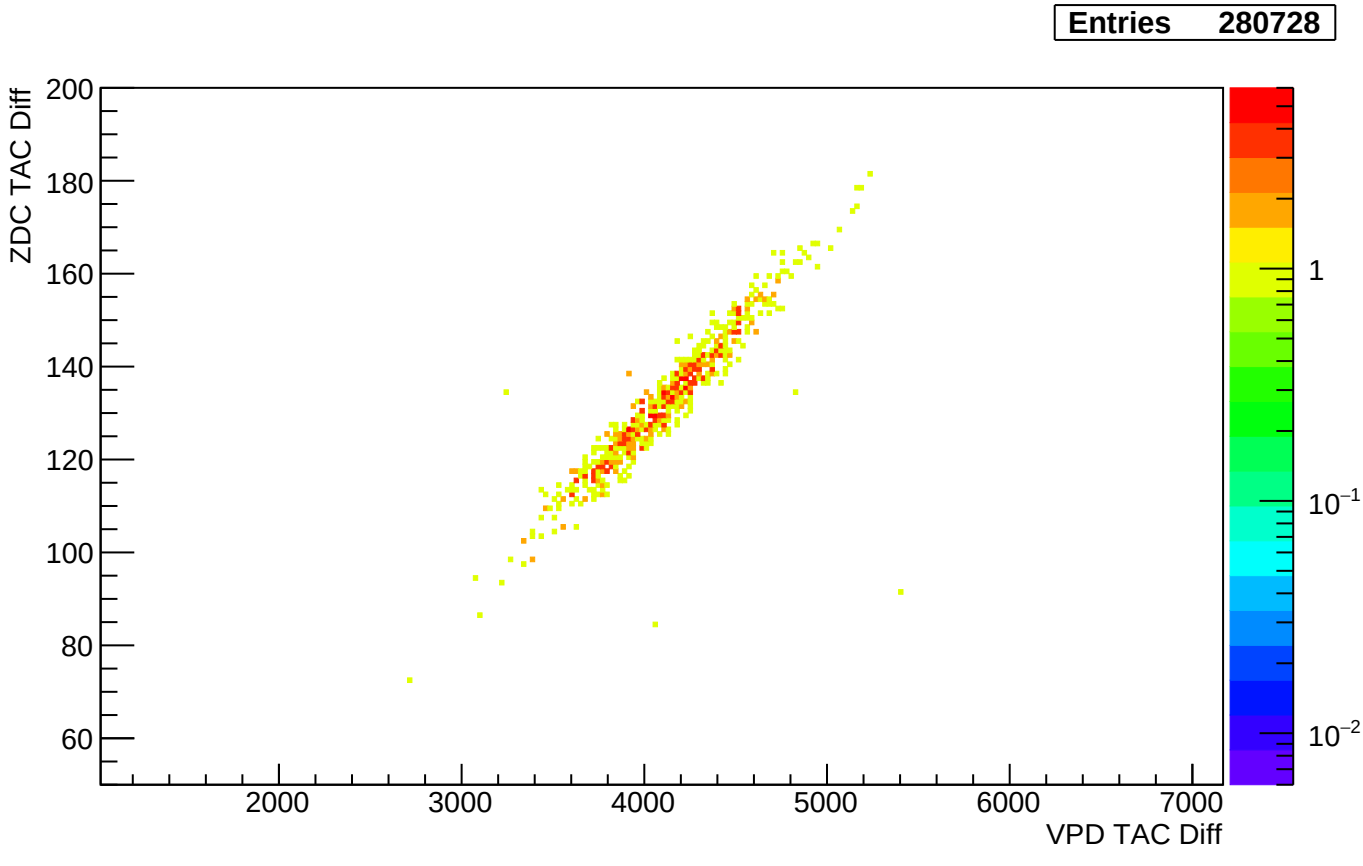

Entries 280728
TOF-Mult
EPD-East Hit Cnt

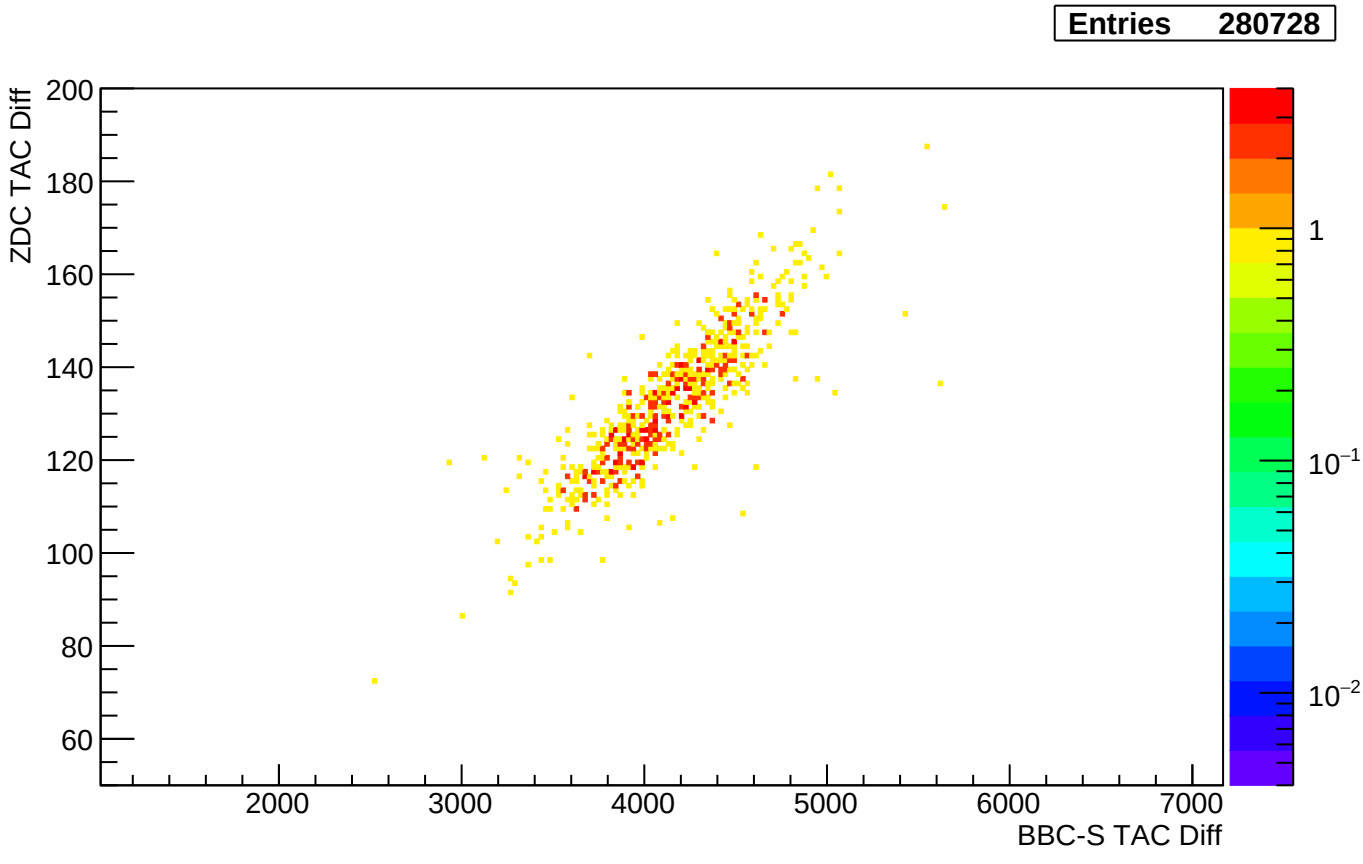

Entries 280728
TOF-Mult
EPD-West Hit Cnt

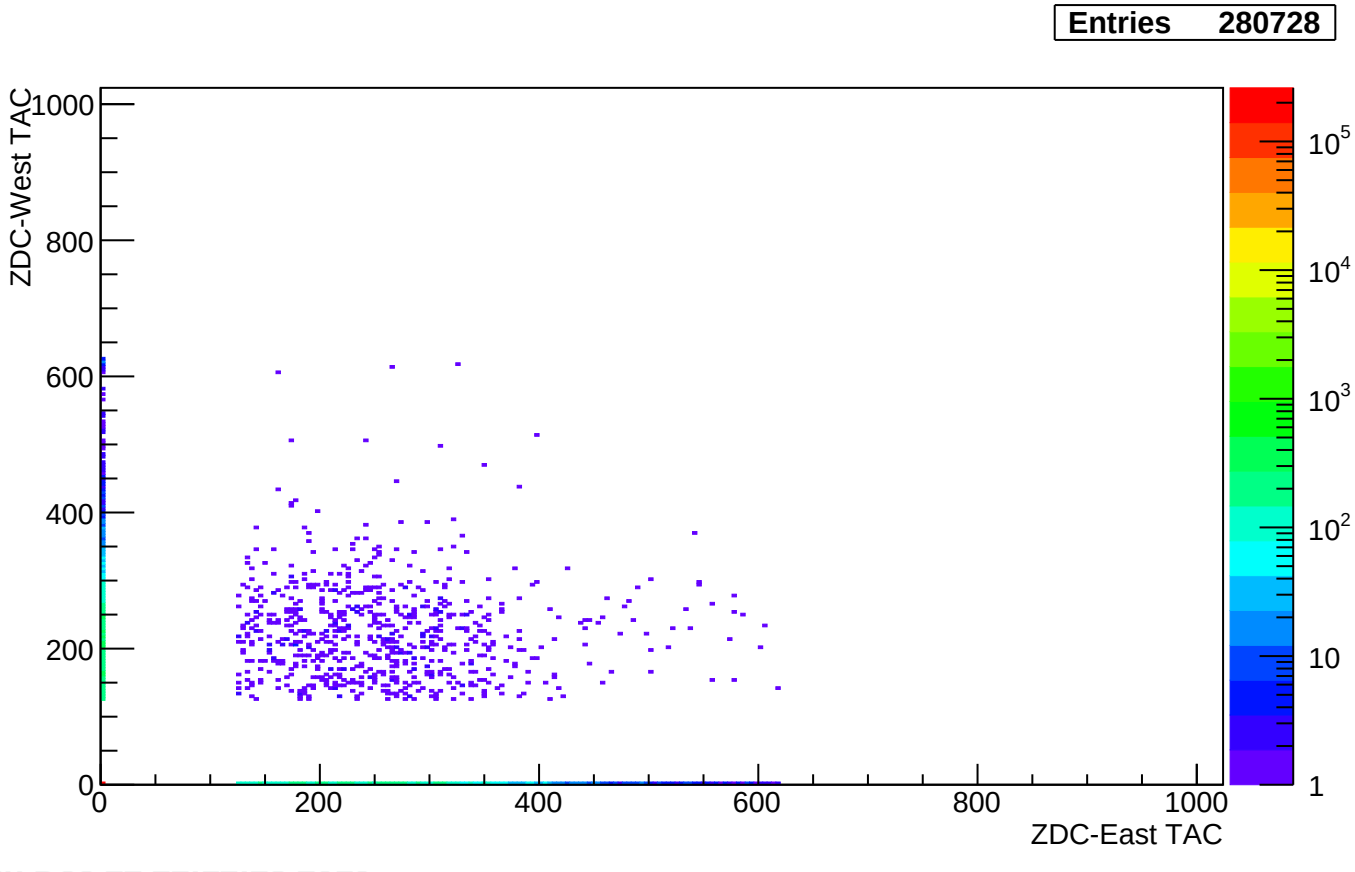

Entries 280728
TOF-Mult
VPD-East ADC Sum

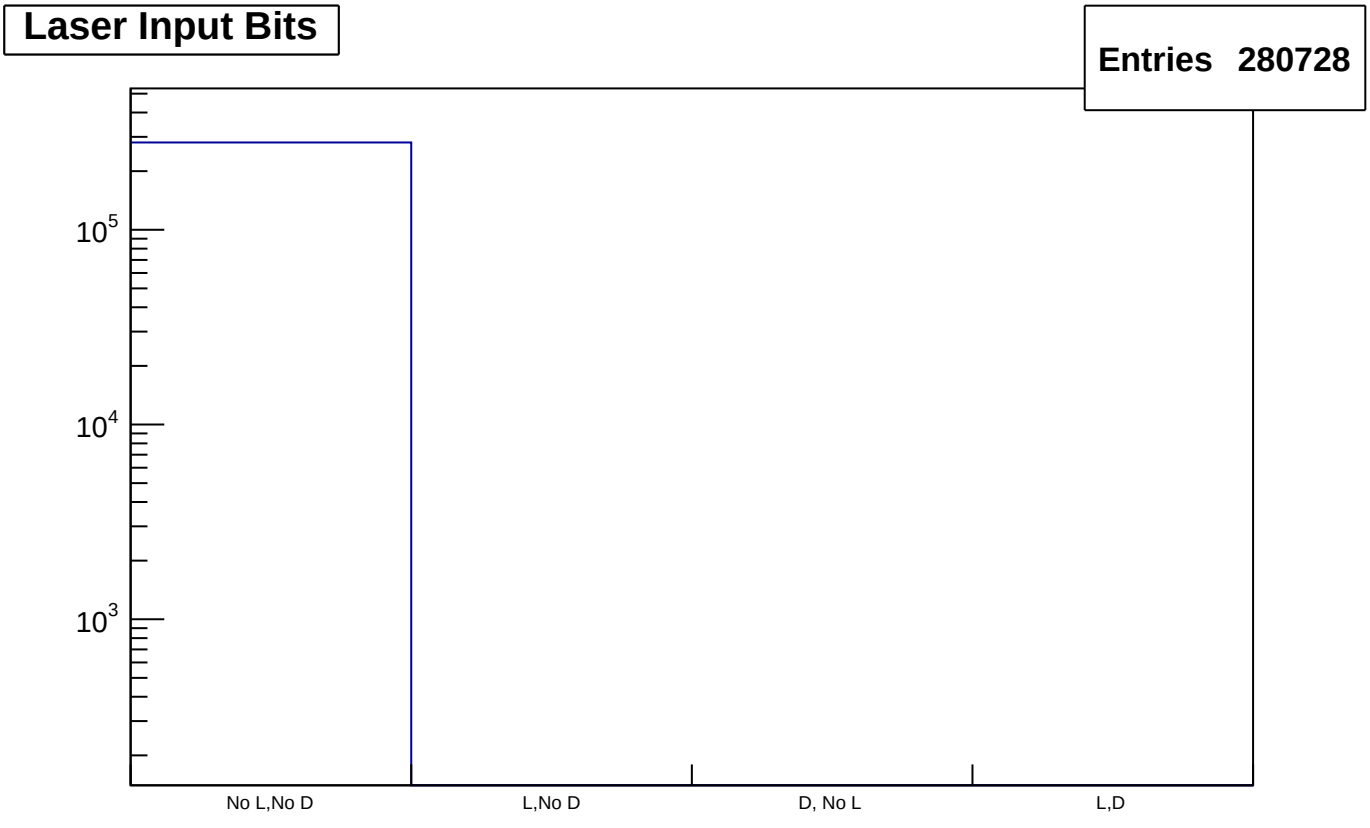

Entries 280728
TOF-Mult
VPD-West ADC Sum

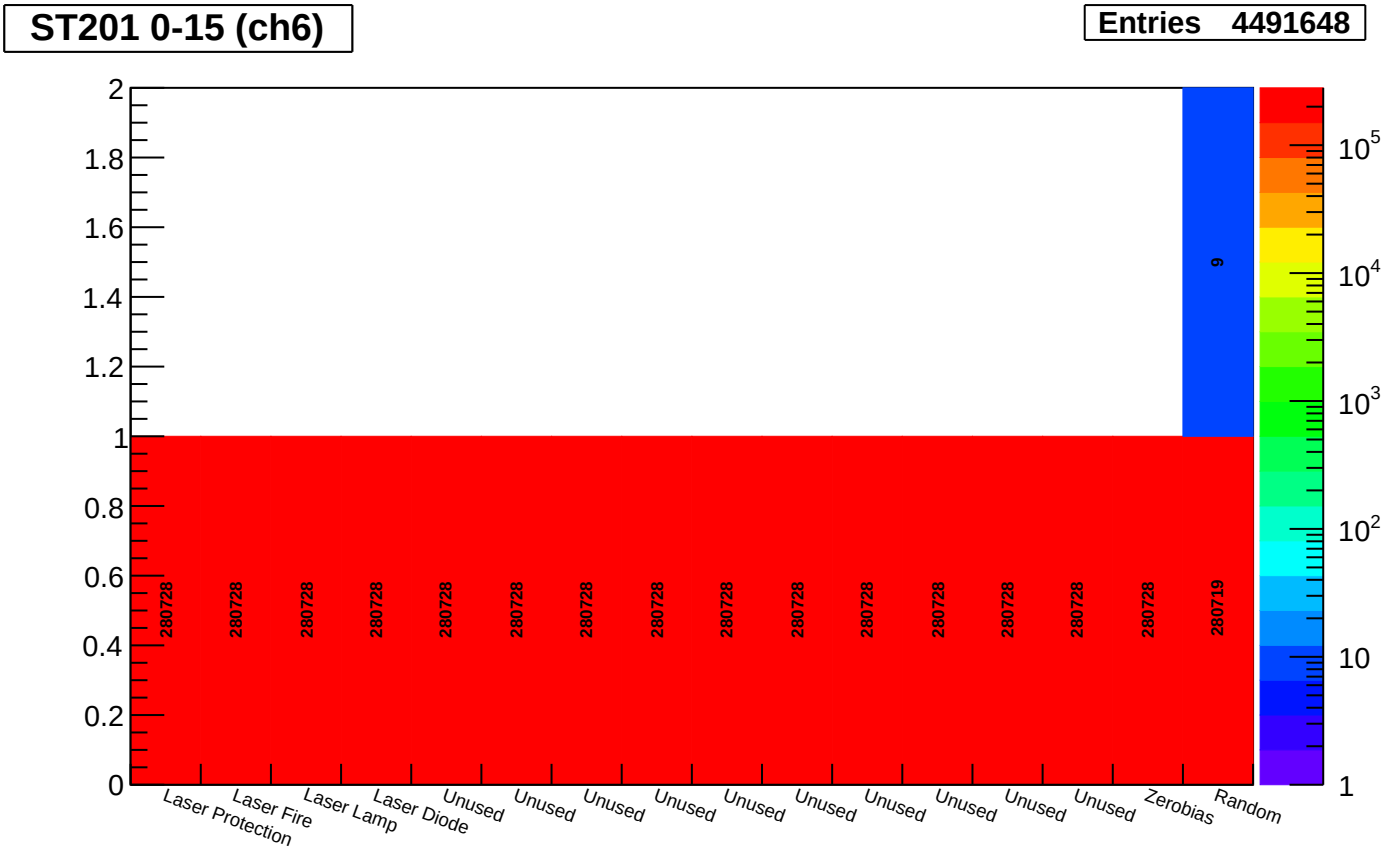

Entries 280728
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

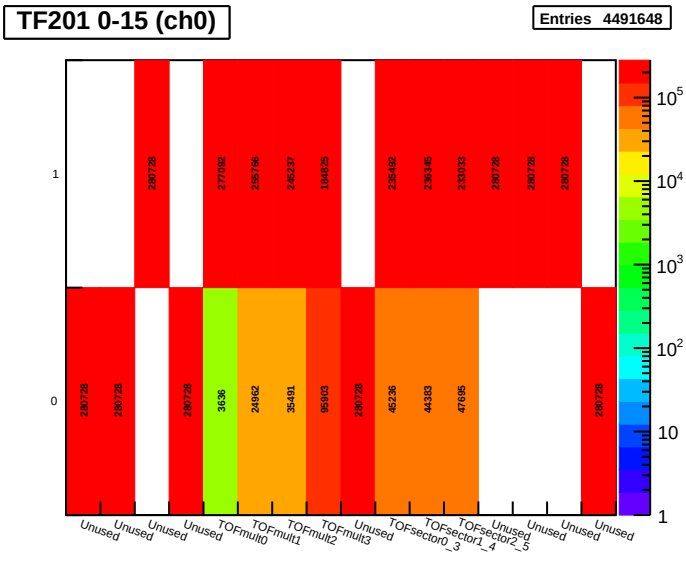

Entries 280728
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

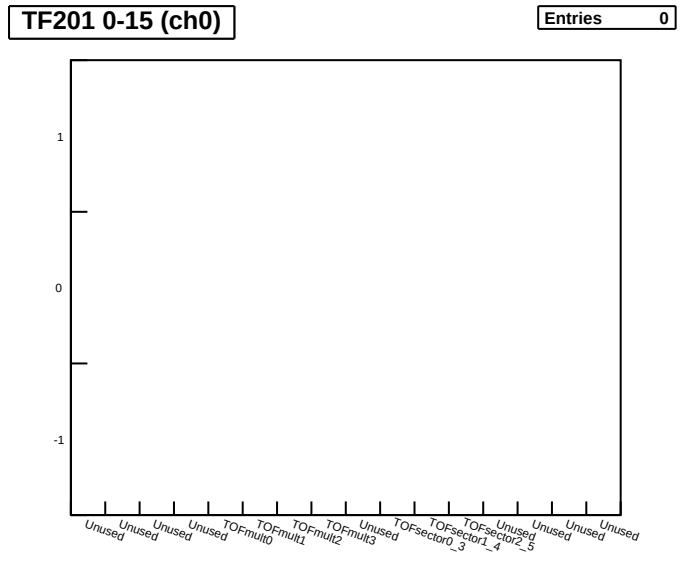

Entries 280728
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

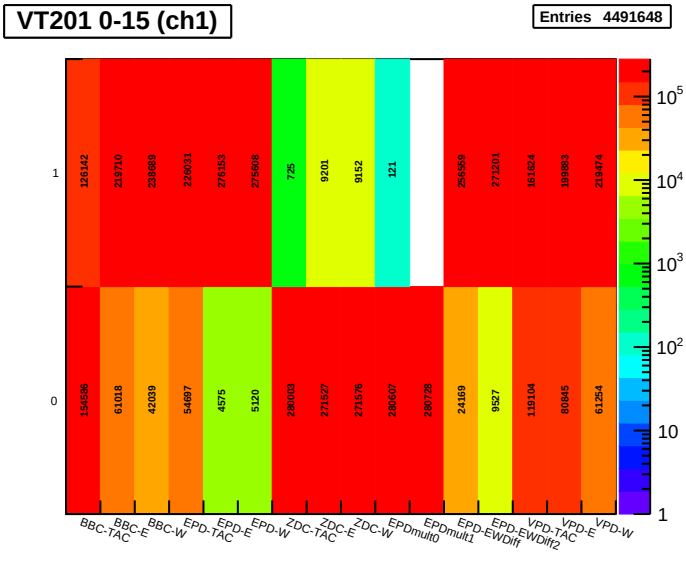

Entries 280728
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

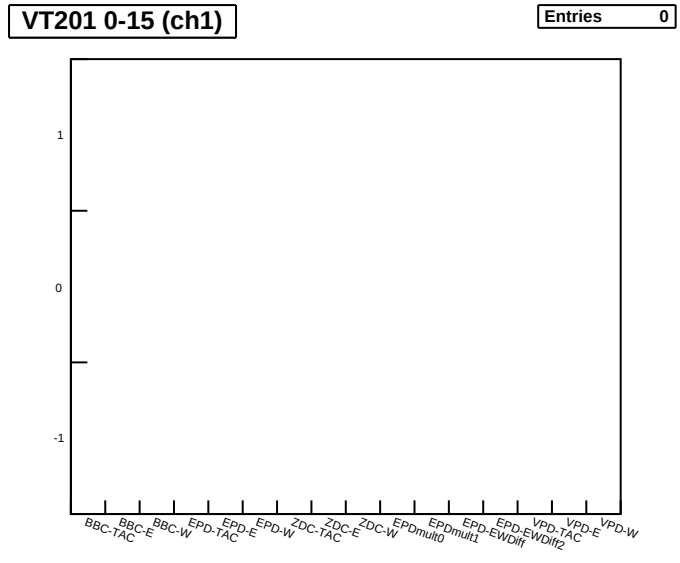

Laser Input Bits
Entries 280728
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

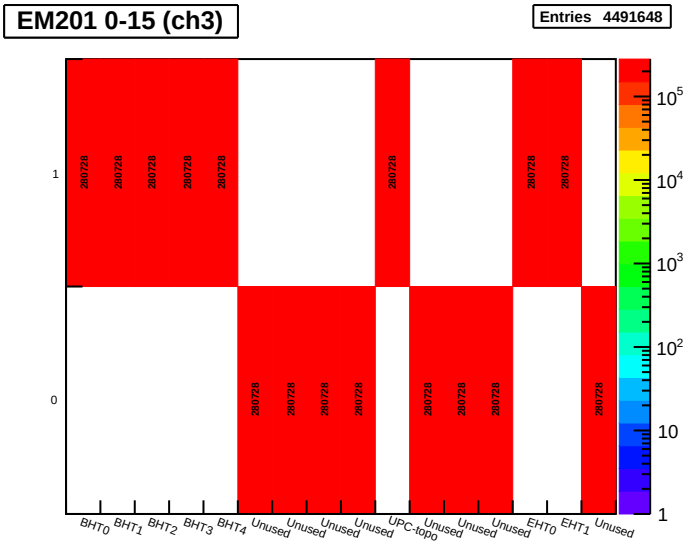

ST201 0-15 (ch6)
Entries 4491648
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
280728
280728
280728
280728
280728
280728
280728
280728
280728
280728
280728
280728
280728
280728
280728
280719
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

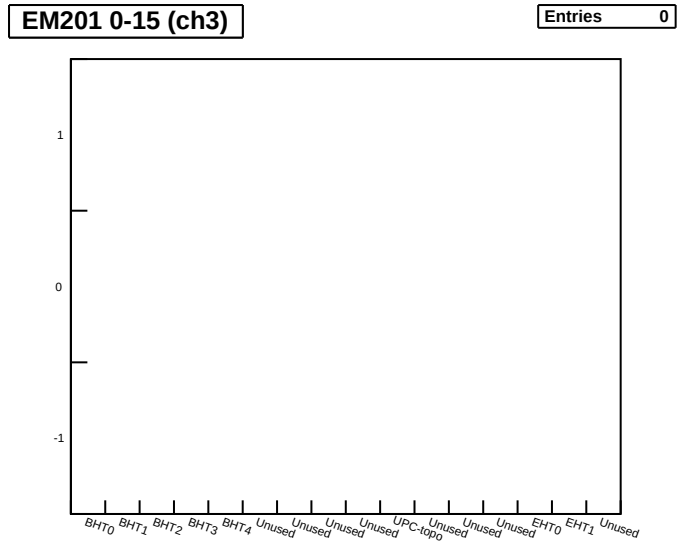

TF201 0-15 (ch0)
Entries 4491648
1
0
280728 277092 255766 245237 194825 235492 236345 233033 280728 280728 280728
280728 280728 280728 3636 24962 35491 95903 280728 45236 44383 47695 280728
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 4491648
1
0
126142 219710 238689 226031 276153 275608 725 9201 9152 121 256559 271201 161624 199883 219474
154586 61018 42039 54697 4575 5120 280003 271527 271576 280607 280728 24169 9527 119104 80845 61254
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 4491648
1
0
280728 280728 280728 280728 280728 280728 280728 280728
280728 280728 280728 280728 280728 280728 280728 280728
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