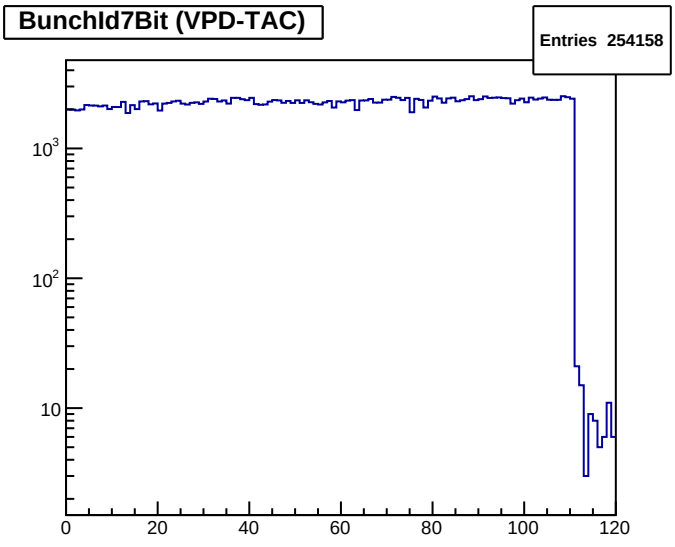
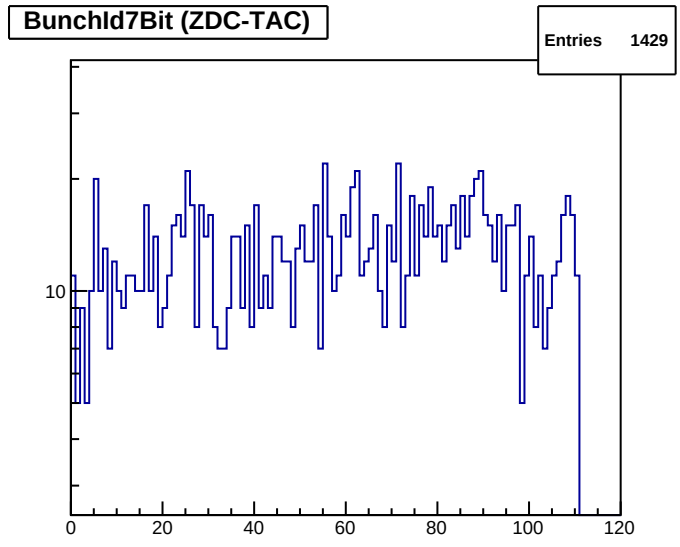
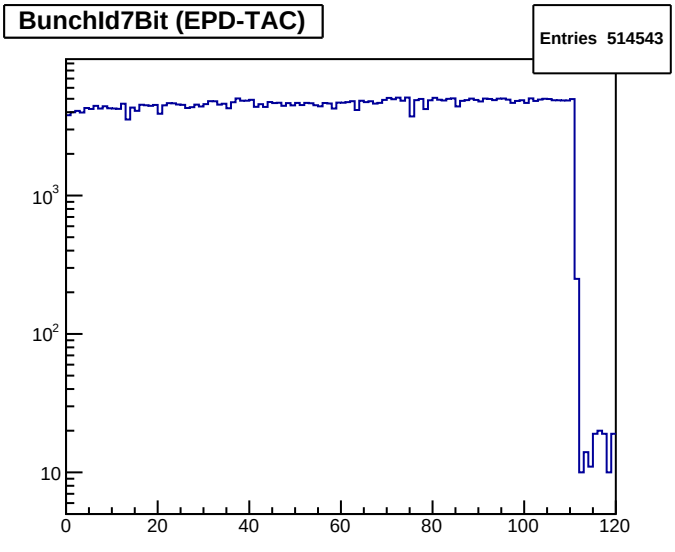
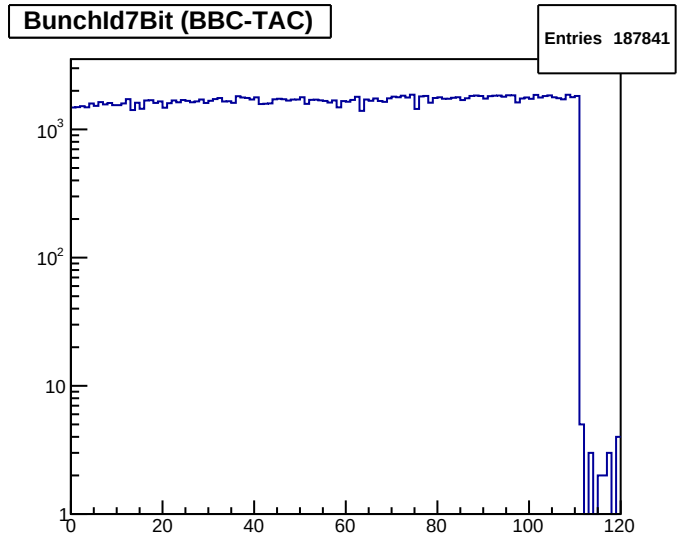
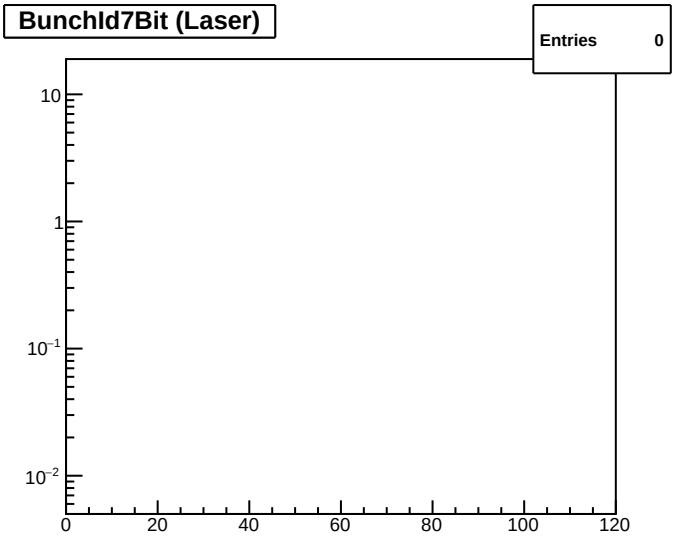
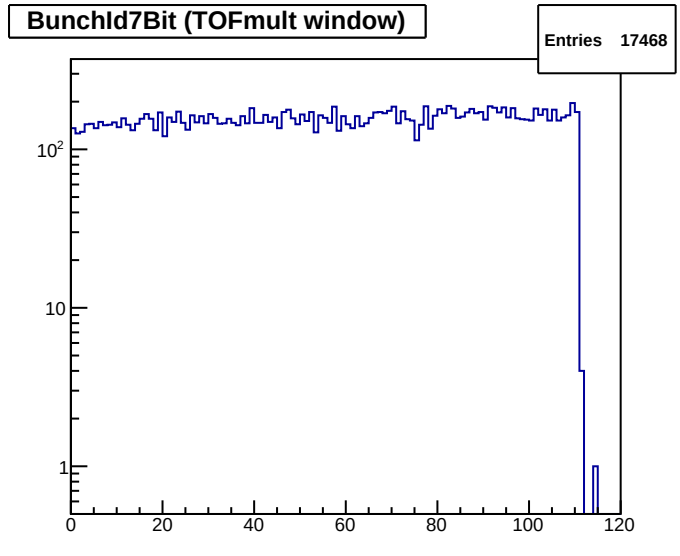

BunchId7Bit (VPD-TAC)
Entries 254158

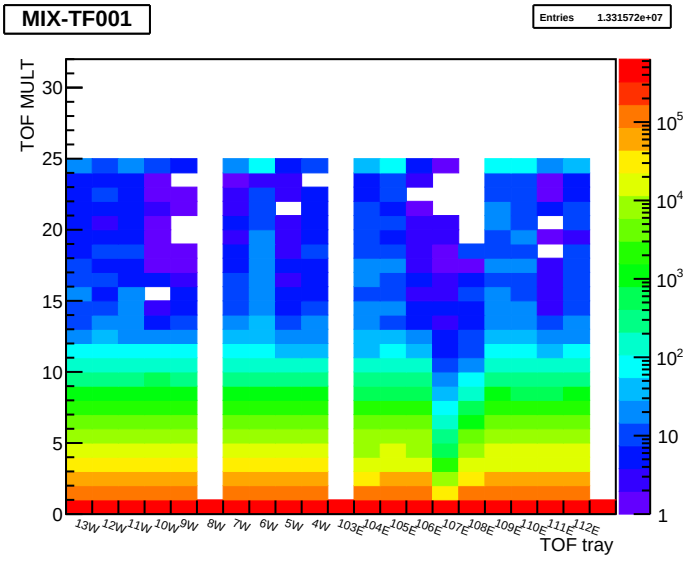

BunchId7Bit (ZDC-TAC)
Entries 1429

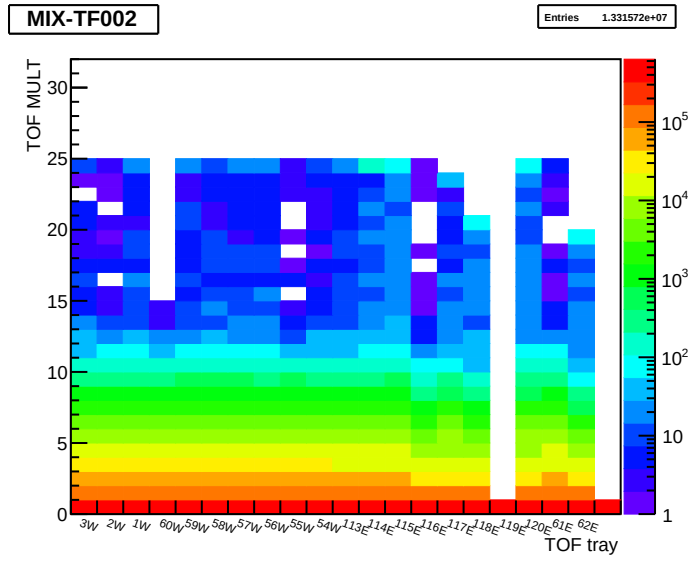

BunchId7Bit (EPD-TAC)
Entries 514543

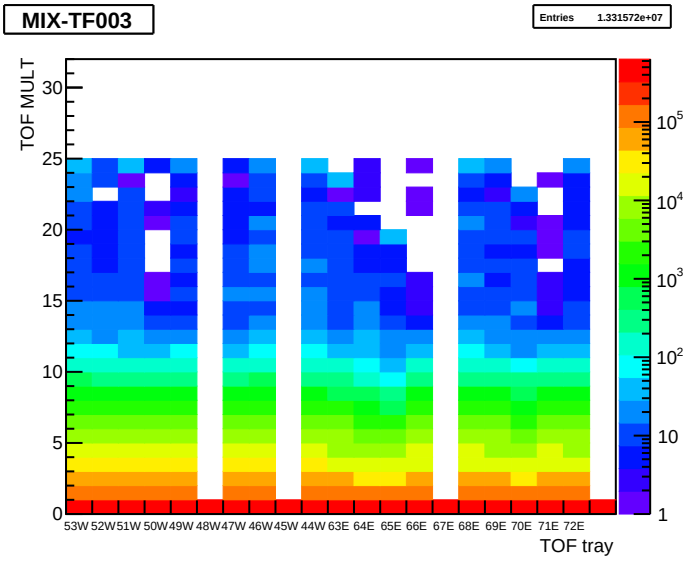

BunchId7Bit (BBC-TAC)
Entries 187841

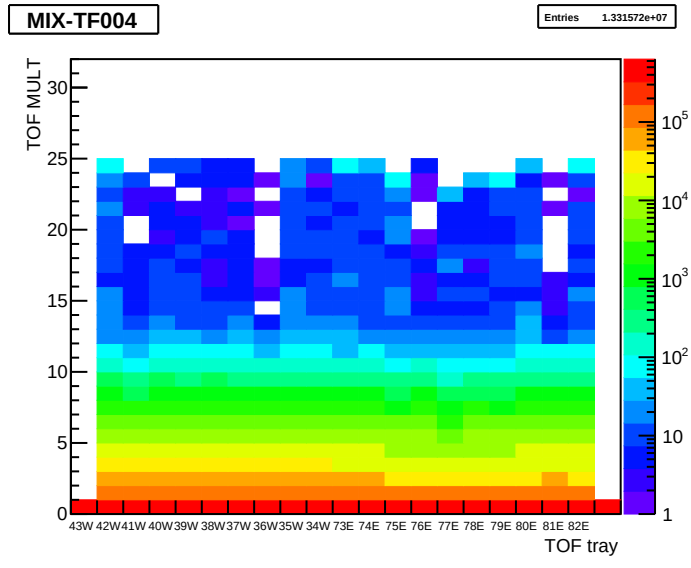

BunchId7Bit (Laser)
Entries 0

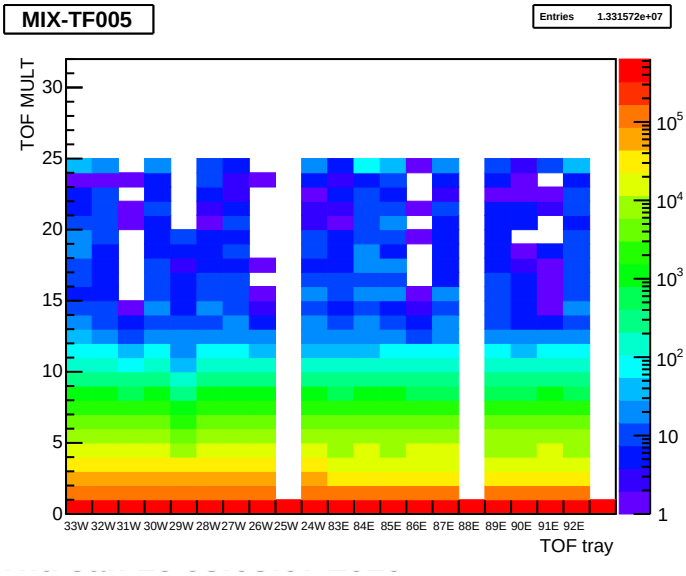

BunchId7Bit (TOFmult window)
Entries 17468

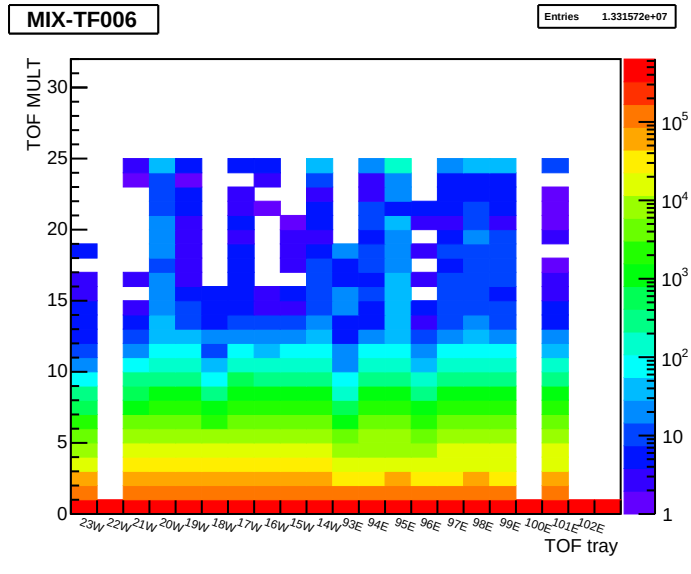

MIX-TF001
Entries 1.331572e+07
TOF MULT
TOF tray

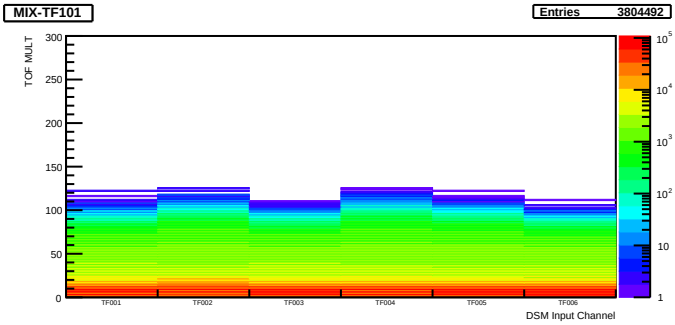

MIX-TF002
Entries 1.331572e+07
TOF MULT
TOF tray

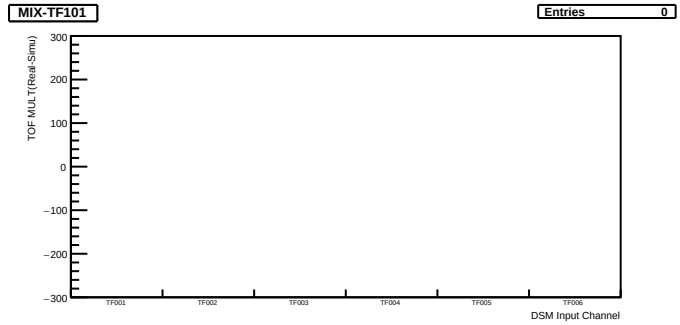

MIX-TF003
Entries 1.331572e+07
TOF MULT
TOF tray

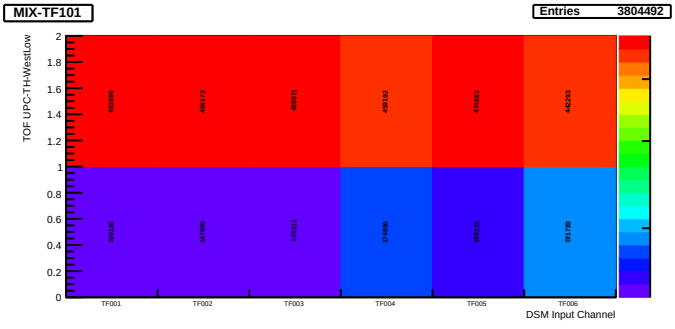

MIX-TF004
Entries 1.331572e+07
TOF MULT
TOF tray

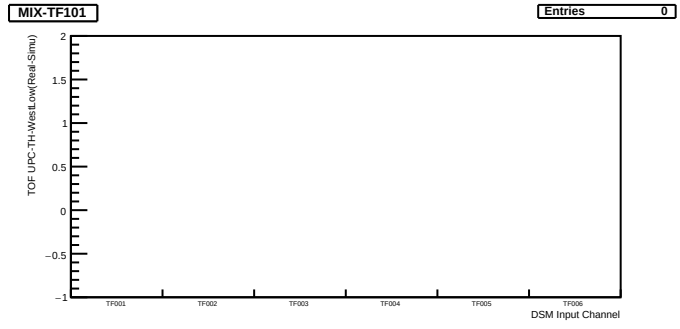

MIX-TF005
Entries 1.331572e+07
TOF MULT
TOF tray

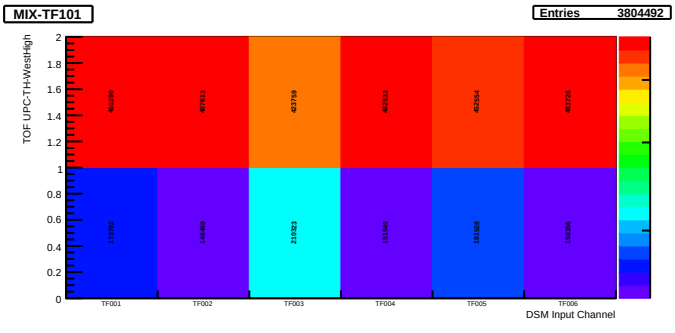

MIX-TF006
Entries 1.331572e+07
TOF MULT
TOF tray

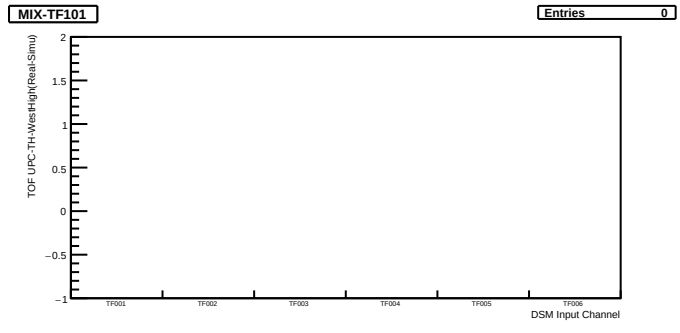

MIX-TF101
Entries 3804492
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

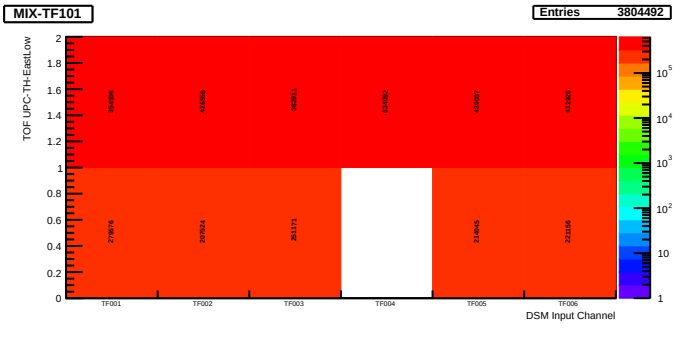

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

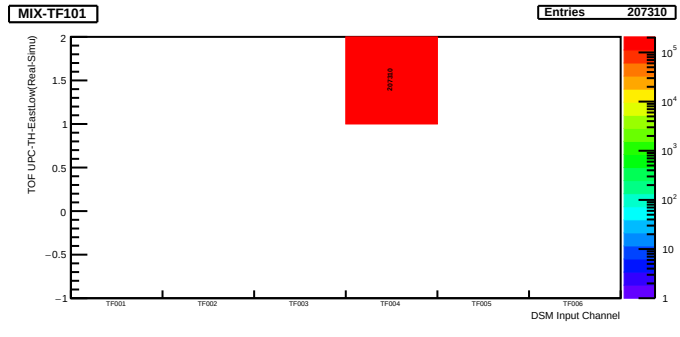

MIX-TF101
Entries 3804492
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

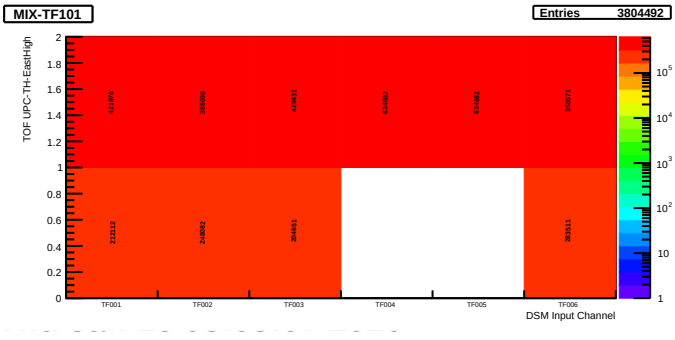

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

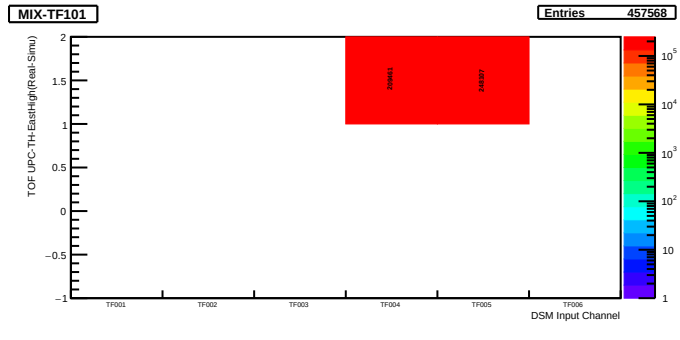

MIX-TF101
Entries 3804492
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

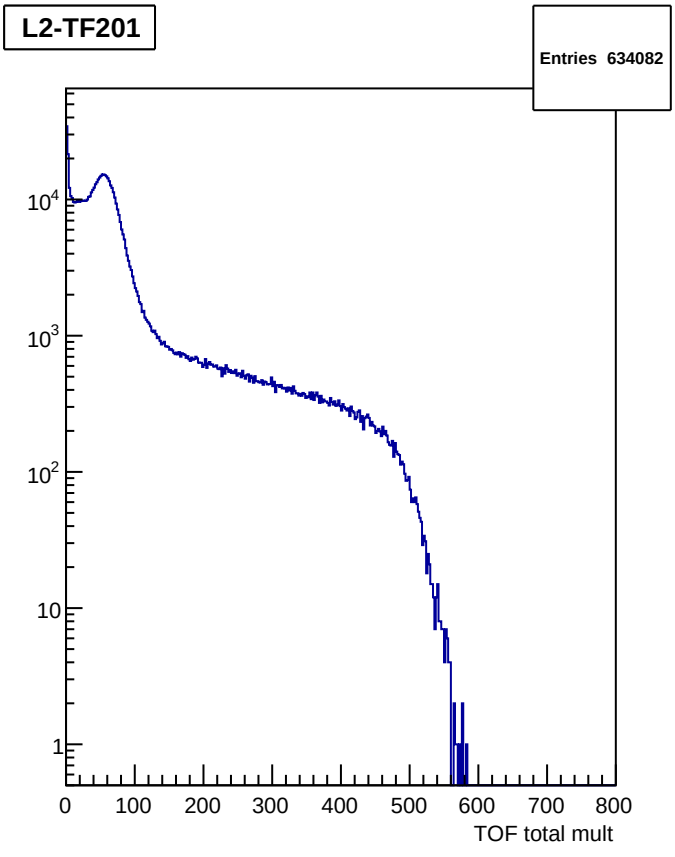

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

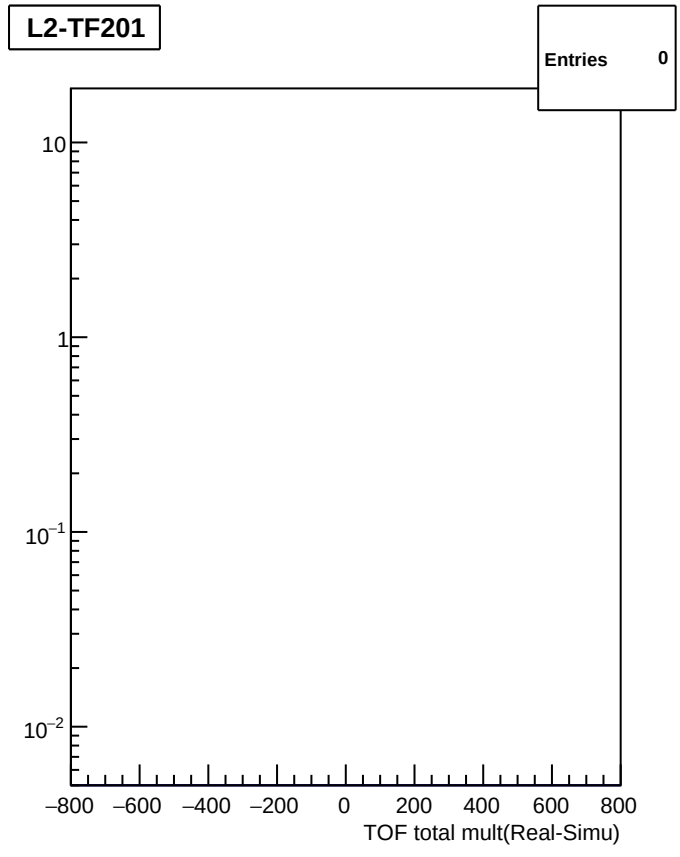

MIX-TF101
Entries 3804492
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

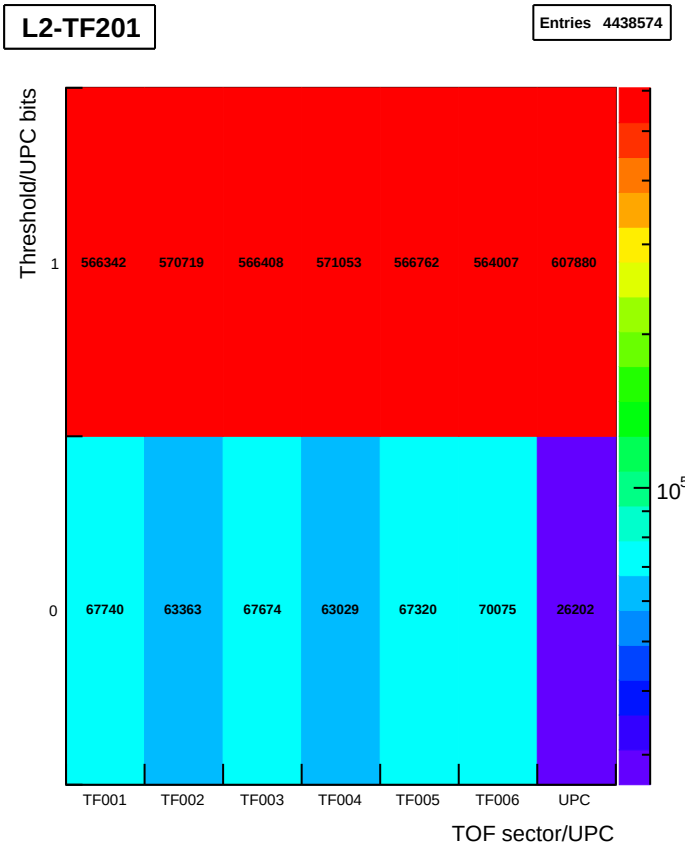

MIX-TF101
Entries 207310
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

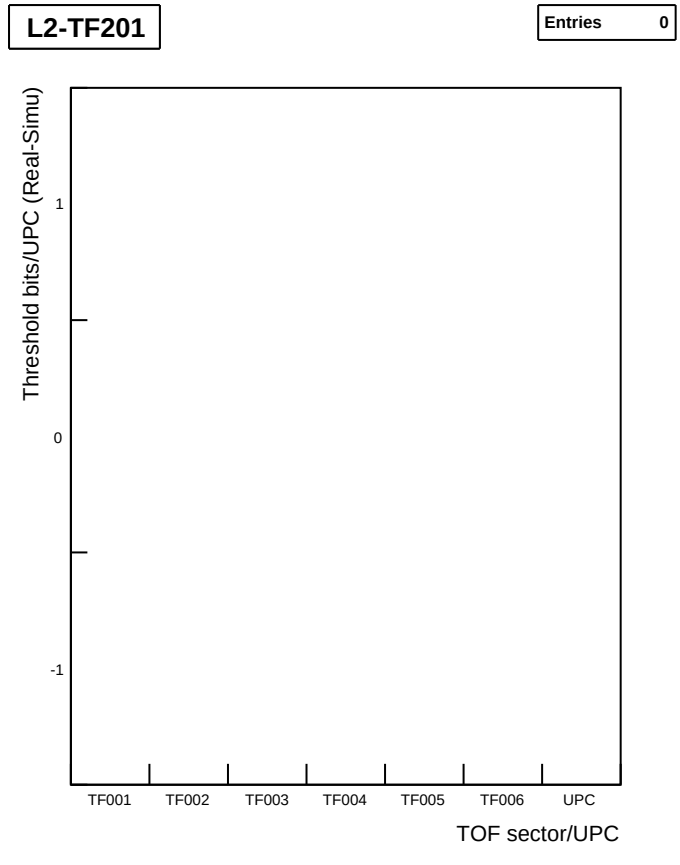

MIX-TF101
Entries 3804492
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

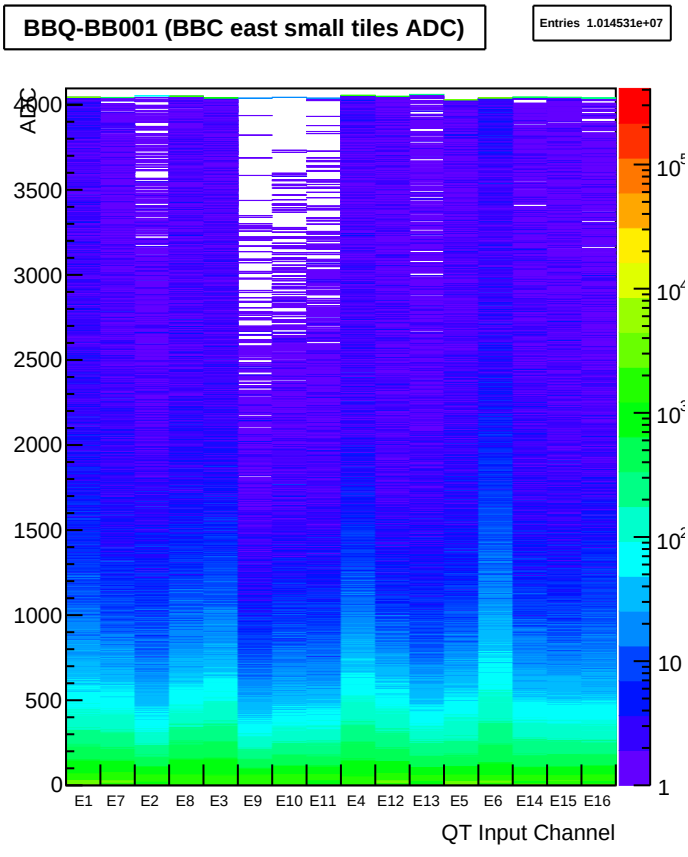

MIX-TF101
Entries 457568
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

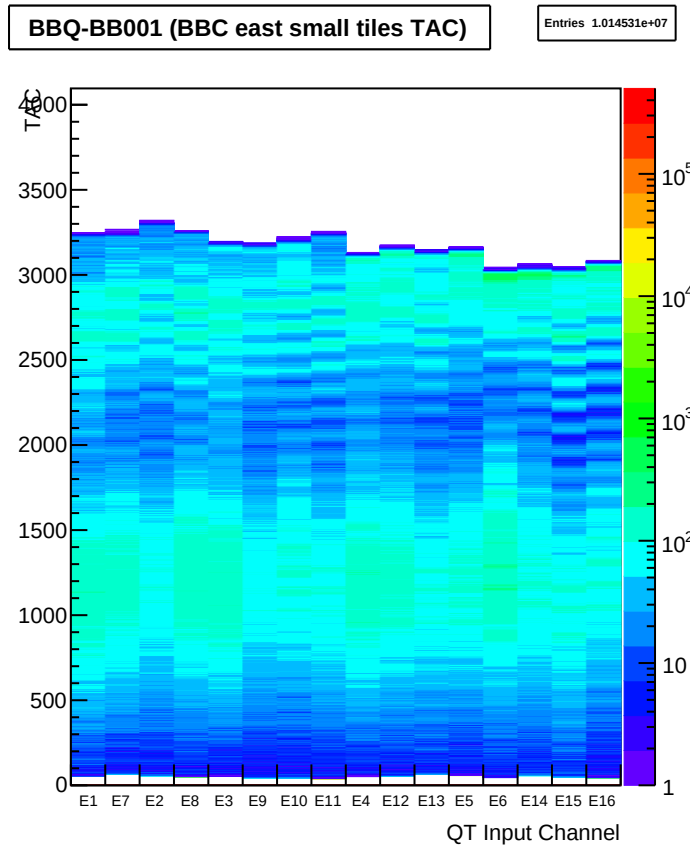

L2-TF201
Entries 634082
TOF total mult

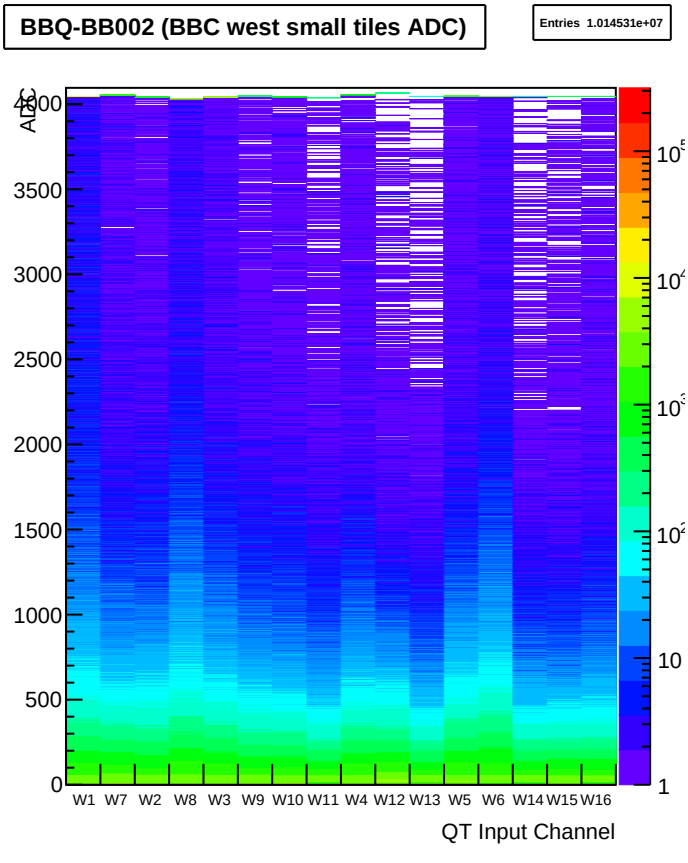

L2-TF201
Entries 0
TOF total mult(Real-Simu)

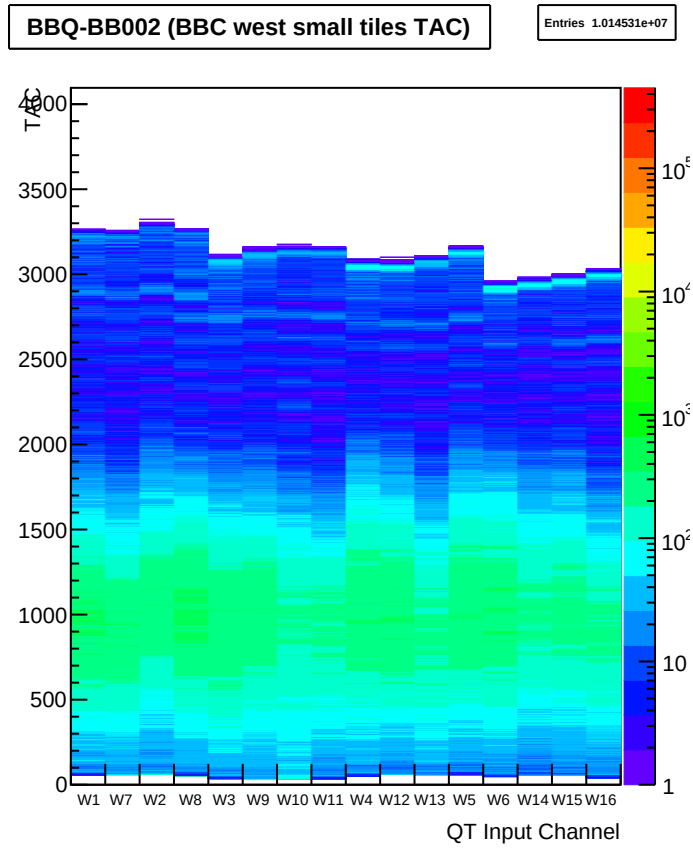

L2-TF201
Entries 4438574
Threshold/UPC bits
566342
570719
566408
571053
566762
564007
607880
67740
63363
67674
63029
67320
70075
26202
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

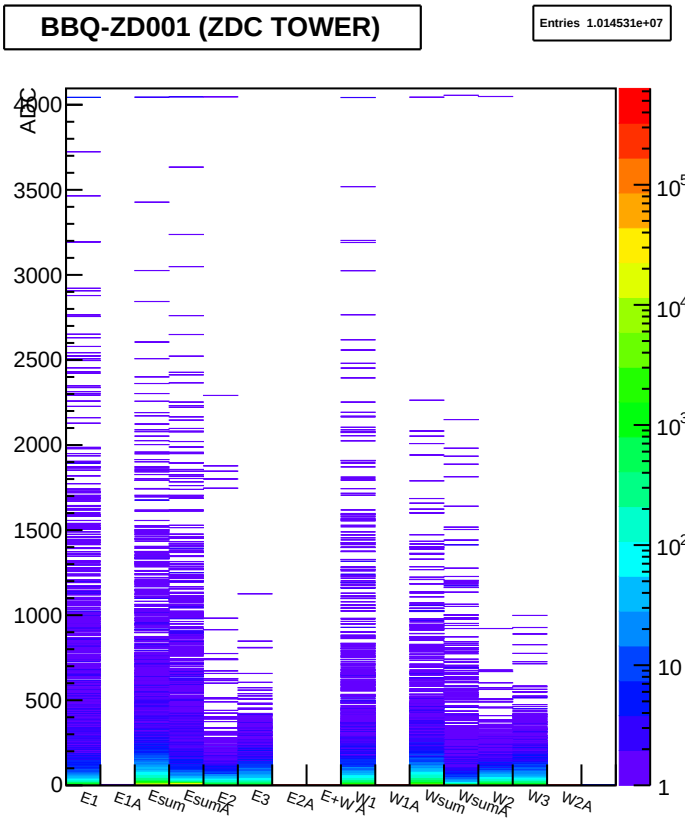

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

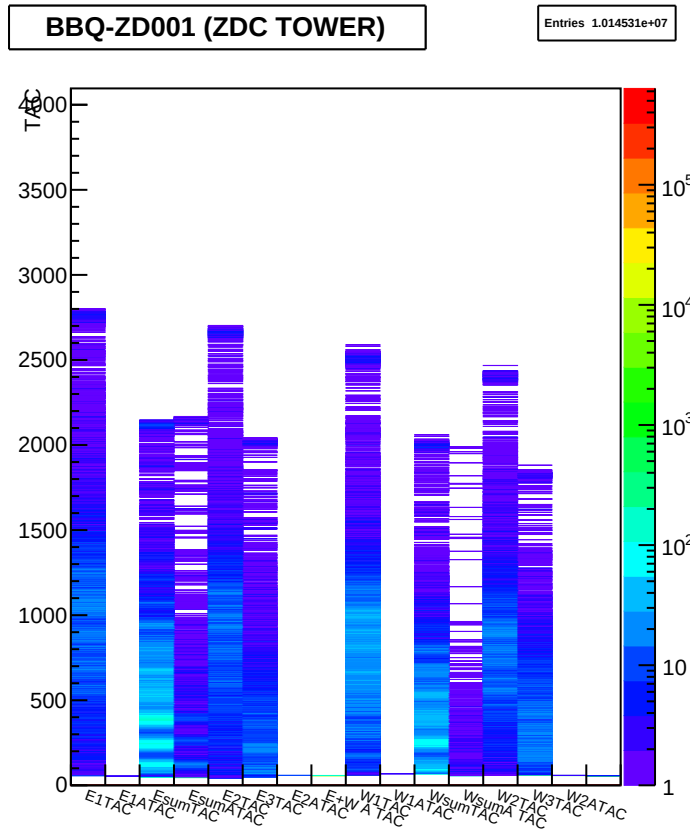

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.014531e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

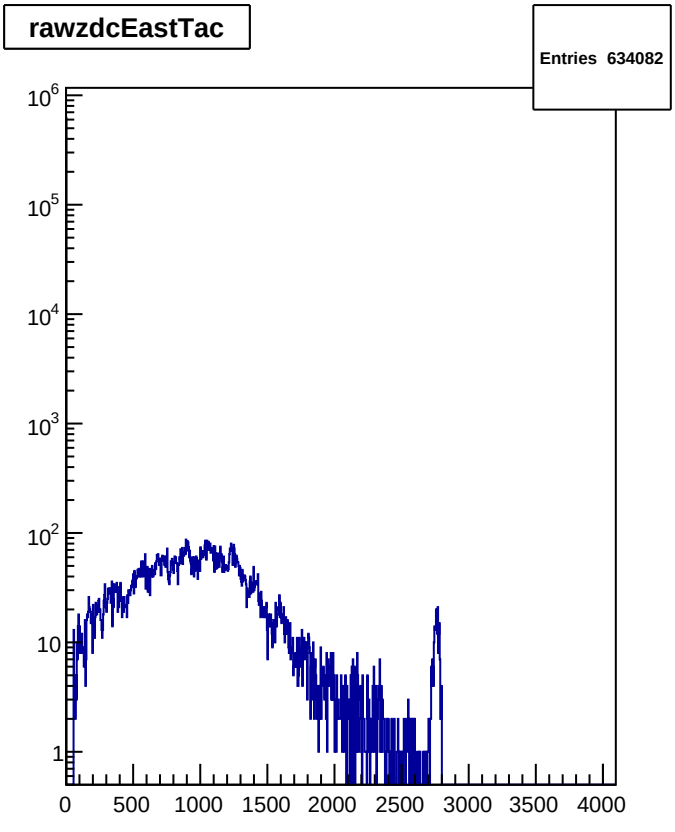

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.014531e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

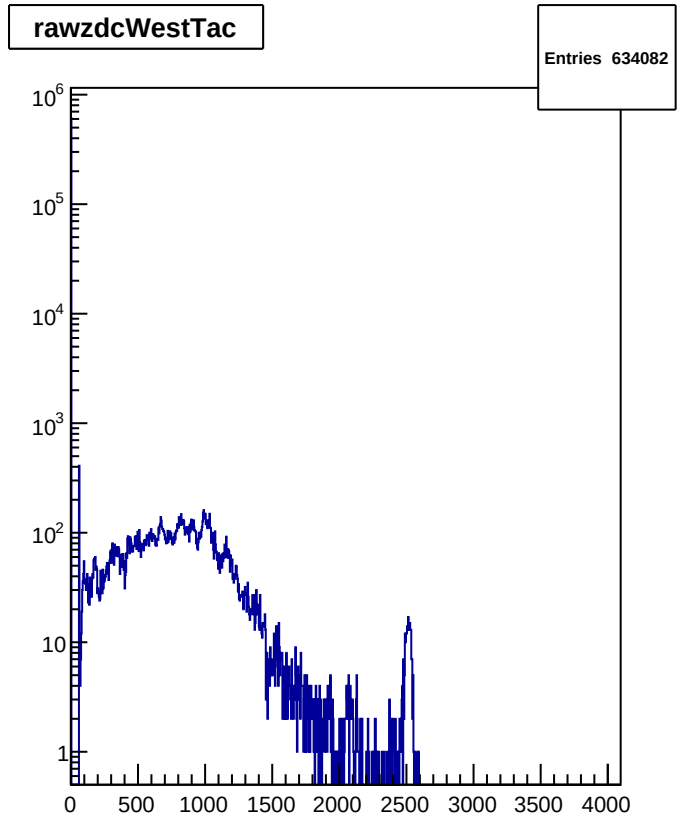

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.014531e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

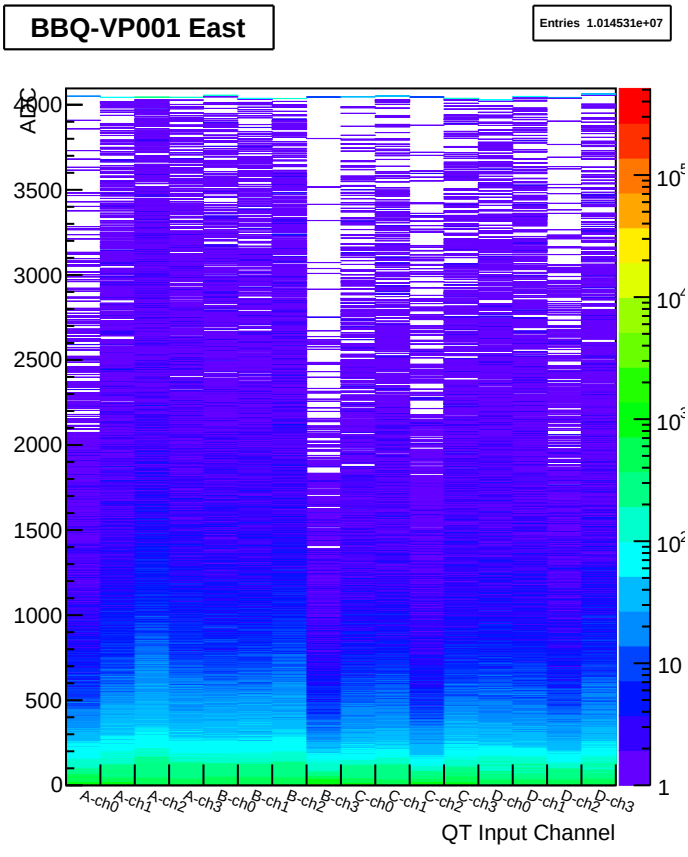

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.014531e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

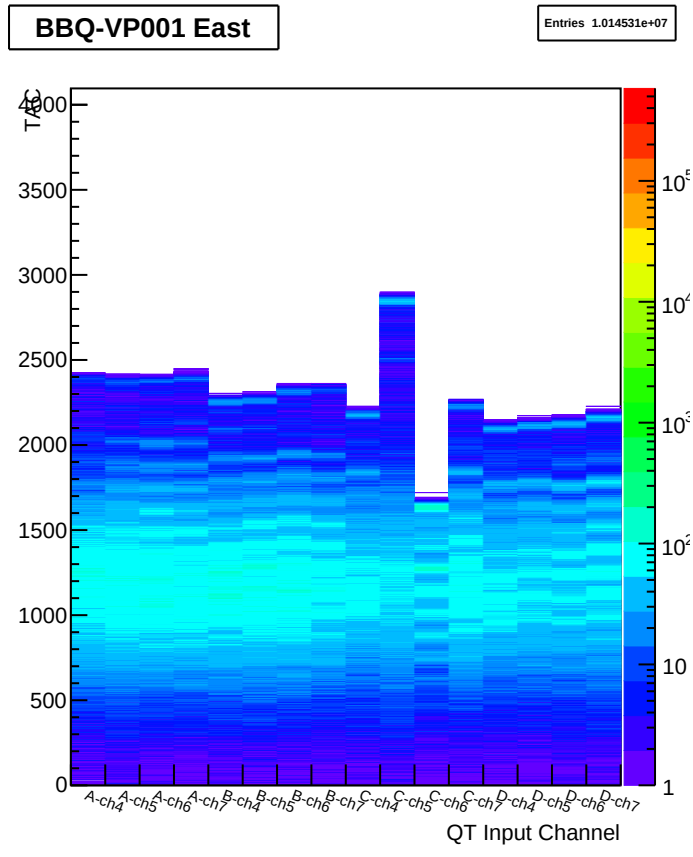

BBQ-ZD001 (ZDC TOWER)
Entries 1.014531e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1
Wsum
WsumA
W2
W3
W2A

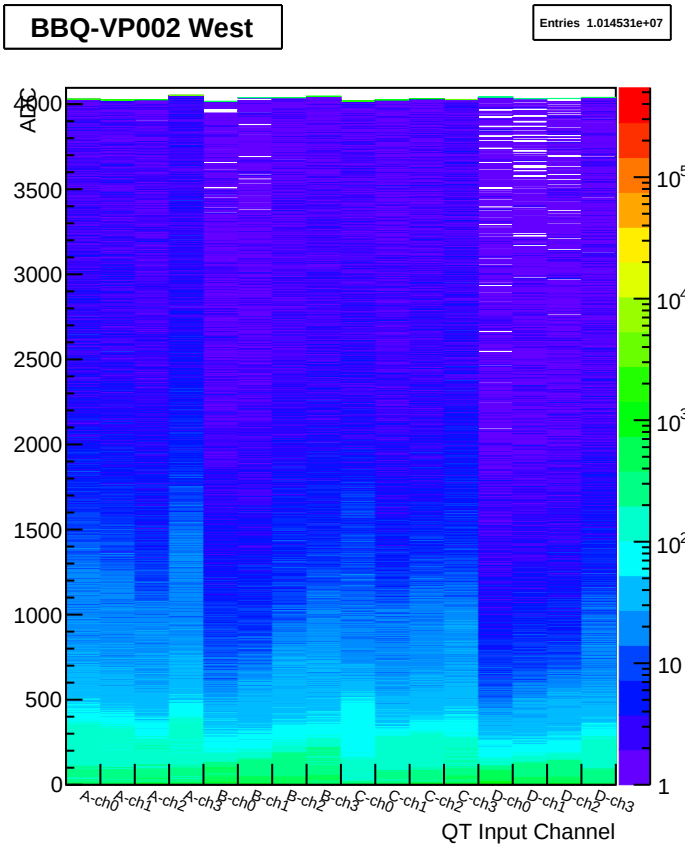

BBQ-ZD001 (ZDC TOWER)
Entries 1.014531e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

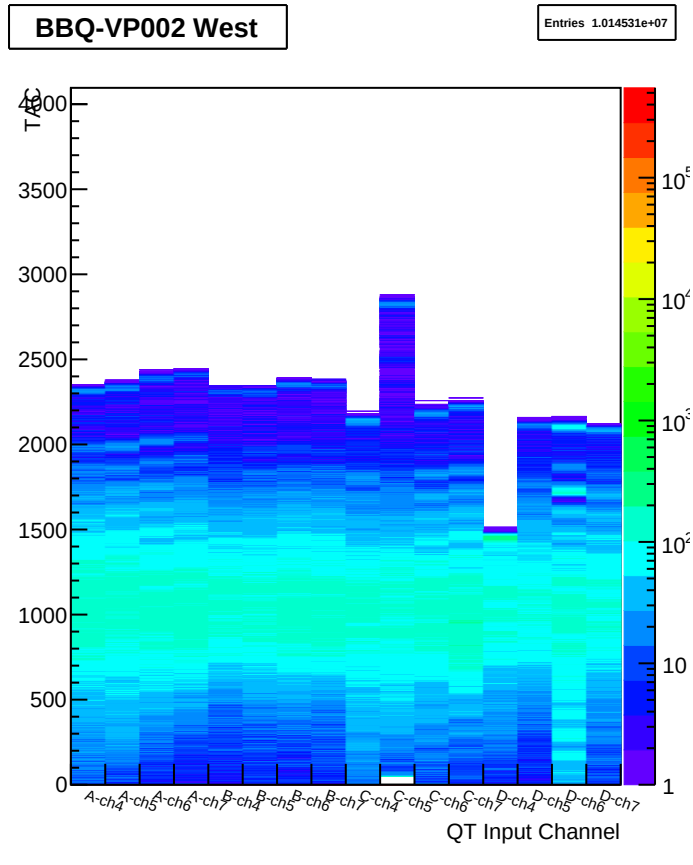

rawzdcEastTac
Entries 634082

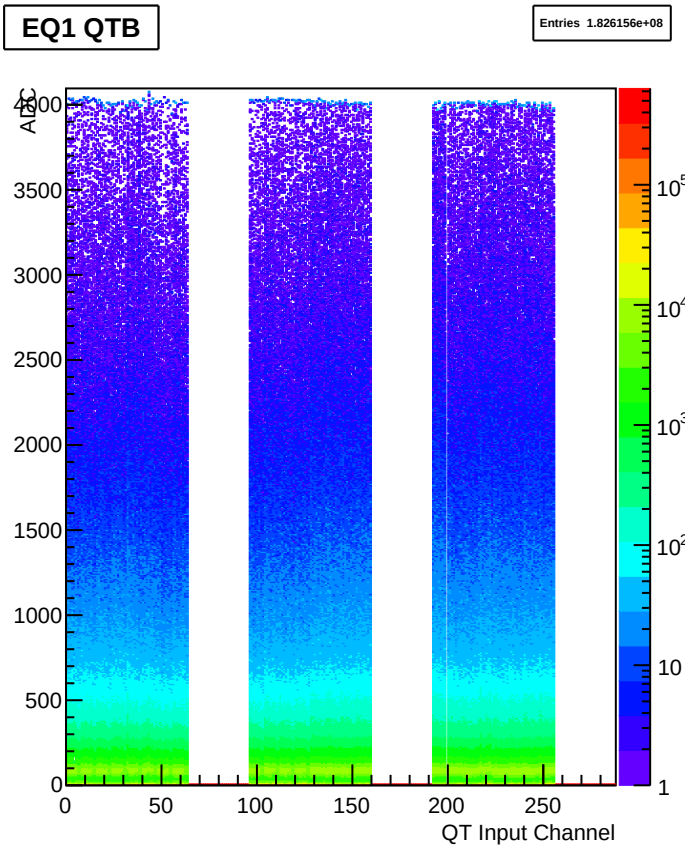

rawzdcWestTac
Entries 634082

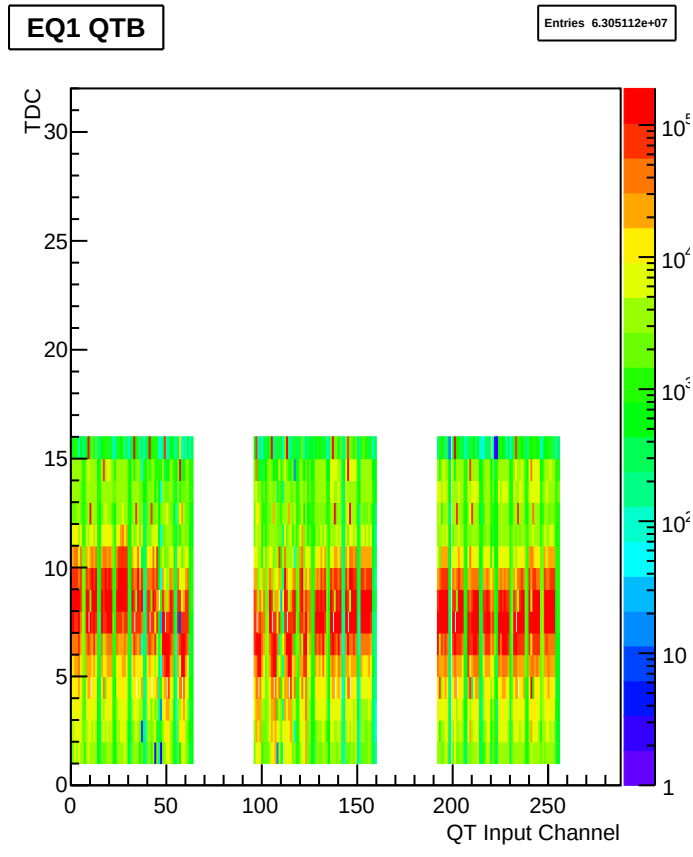

BBQ-VP001 East
Entries 1.014531e+07
ADC
QT Input Channel

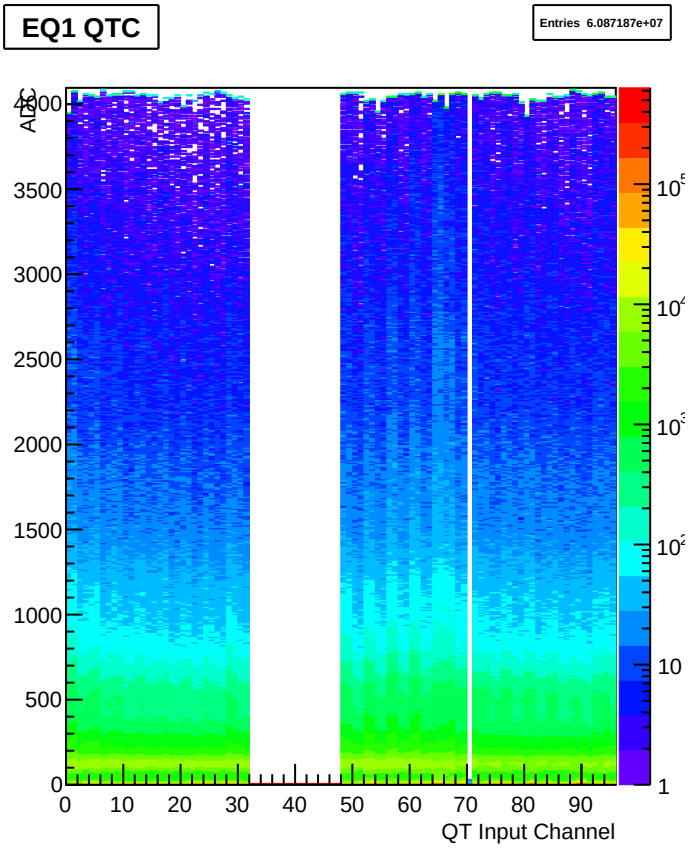

BBQ-VP001 East
Entries 1.014531e+07
ADC
QT Input Channel

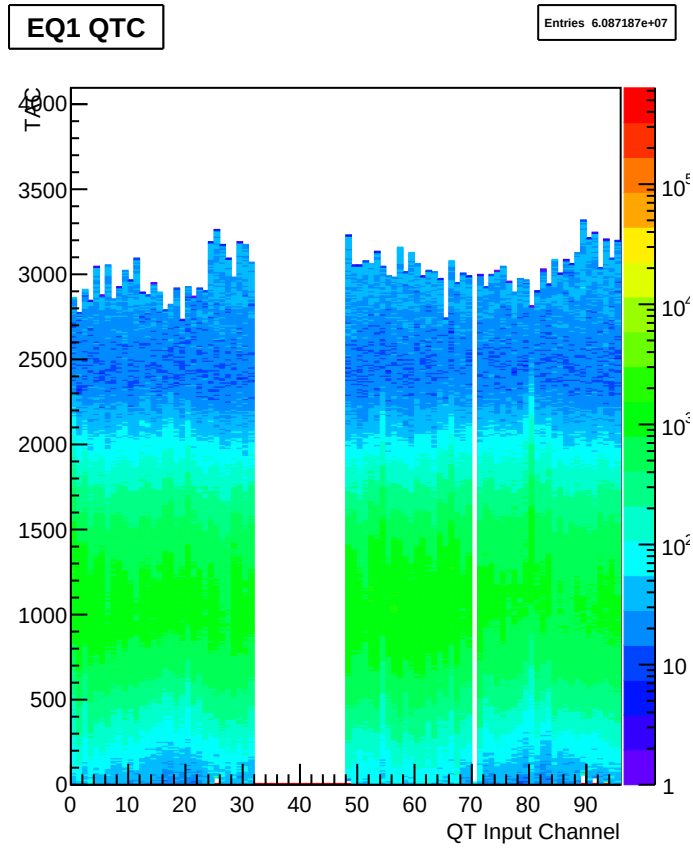

BBQ-VP002 West
Entries 1.014531e+07
ADC
QT Input Channel

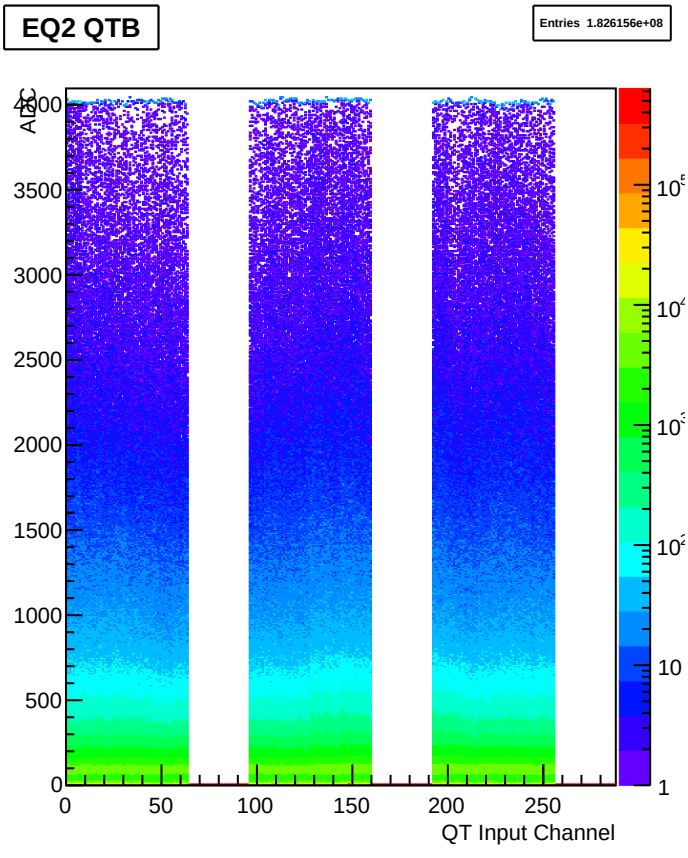

BBQ-VP002 West
Entries 1.014531e+07
ADC
QT Input Channel

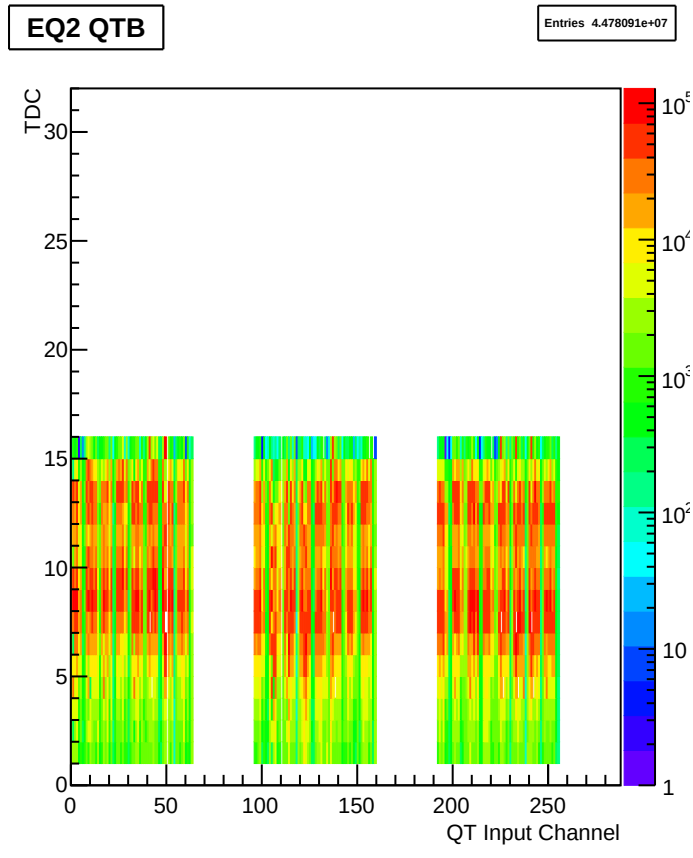

EQ1 QTB
Entries 1.826156e+08
ADC
QT Input Channel

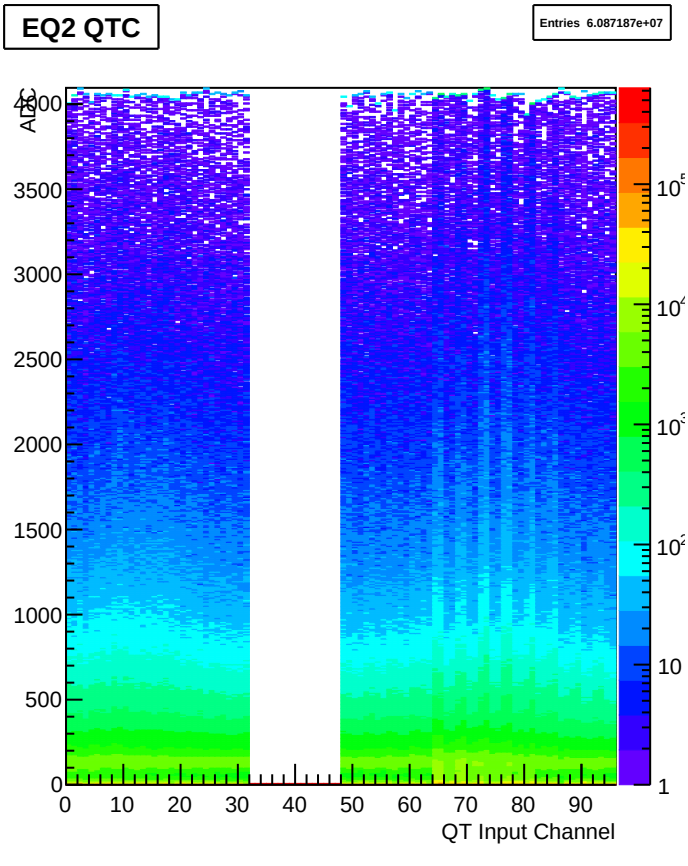

EQ1 QTB
Entries 6.305112e+07
TDC
QT Input Channel

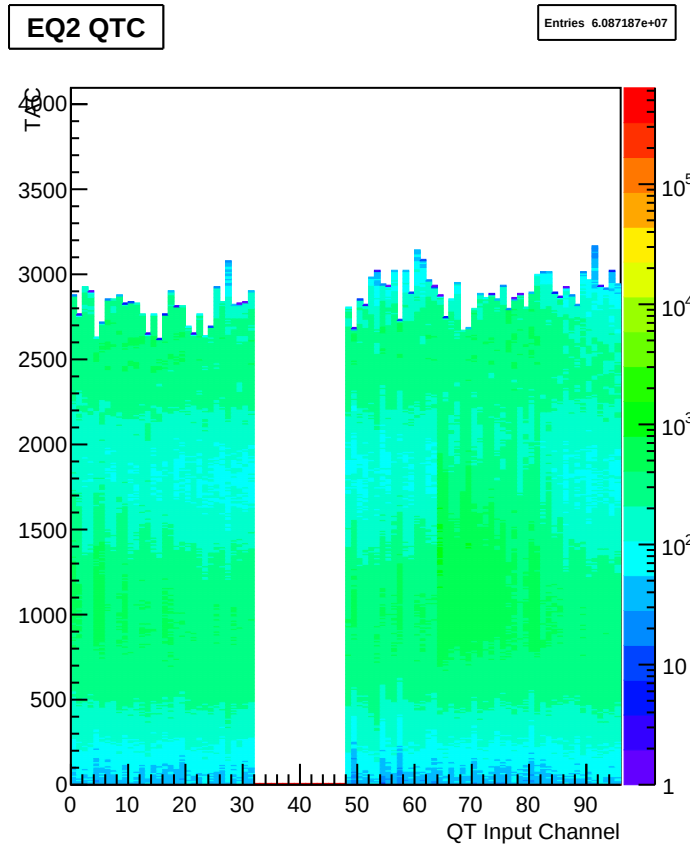

EQ1 QTC
Entries 6.087187e+07
ADC
QT Input Channel

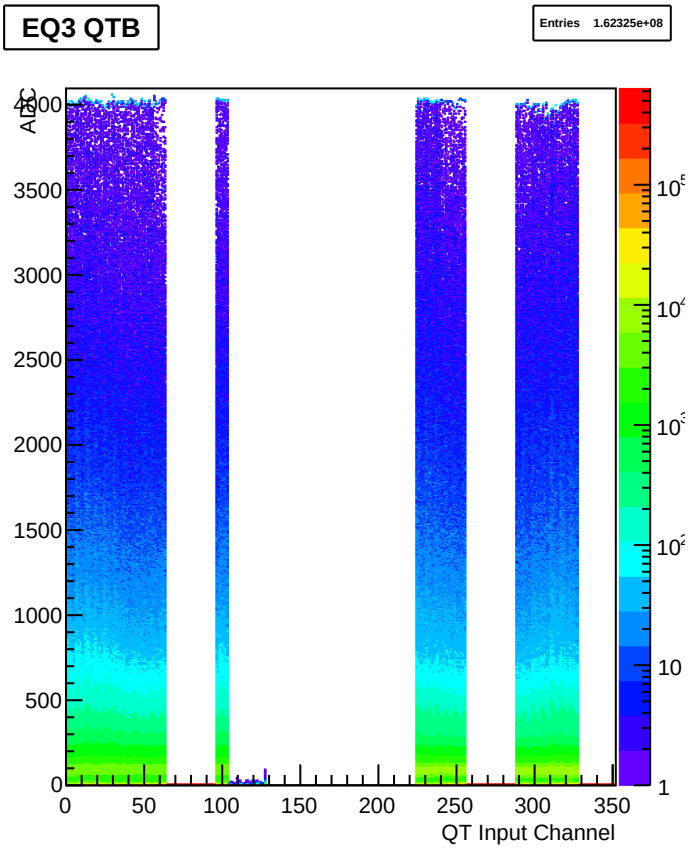

EQ1 QTC
Entries 6.087187e+07
TADC
QT Input Channel

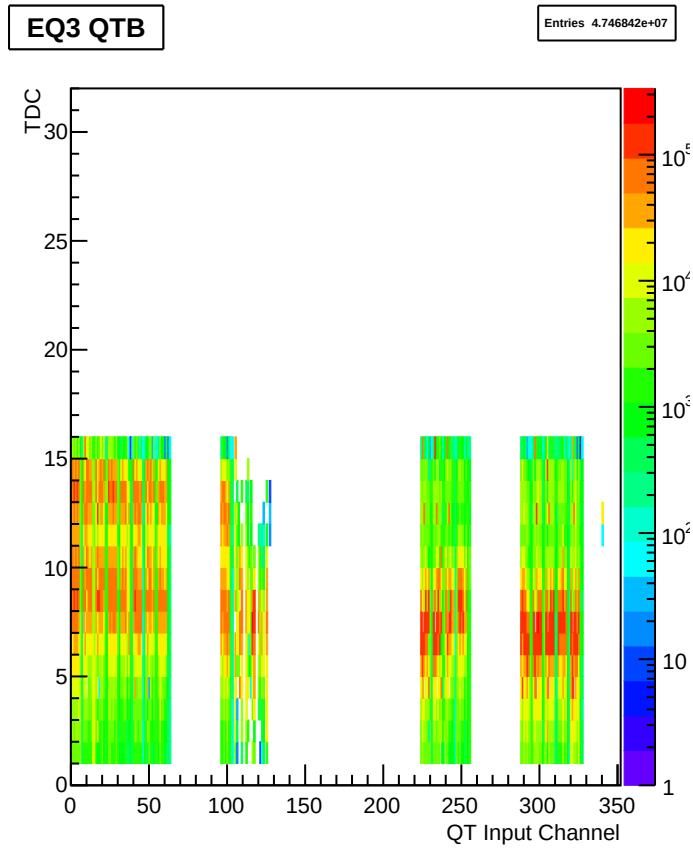

EQ2 QTB
Entries 1.826156e+08
ADC
QT Input Channel

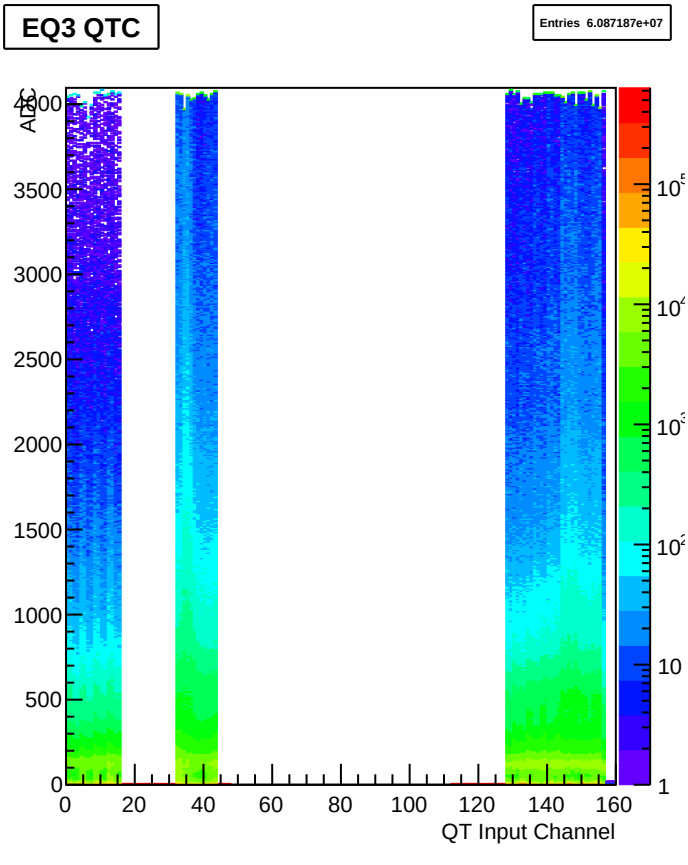

EQ2 QTB
Entries 4.478091e+07
TDC
QT Input Channel


EQ2 QTC
Entries 6.087187e+07
ADC
QT Input Channel


EQ2 QTC
Entries 6.087187e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.62325e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.746842e+07
TDC
QT Input Channel


EQ3 QTC
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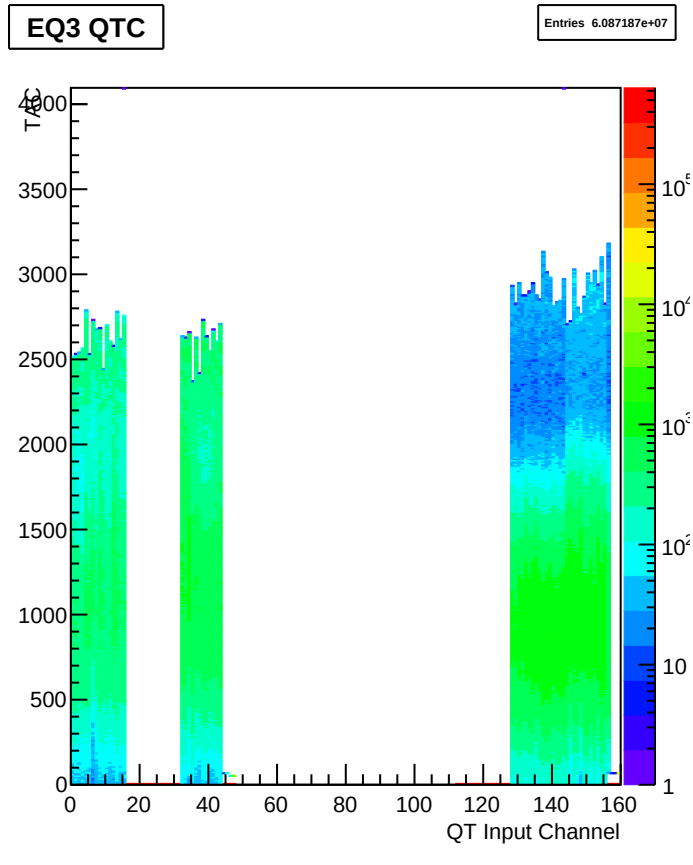
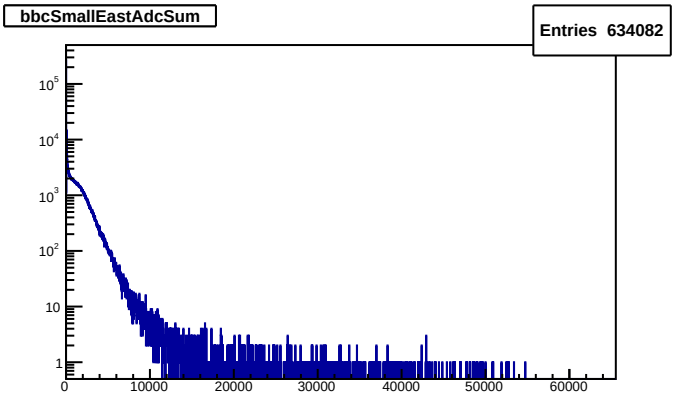
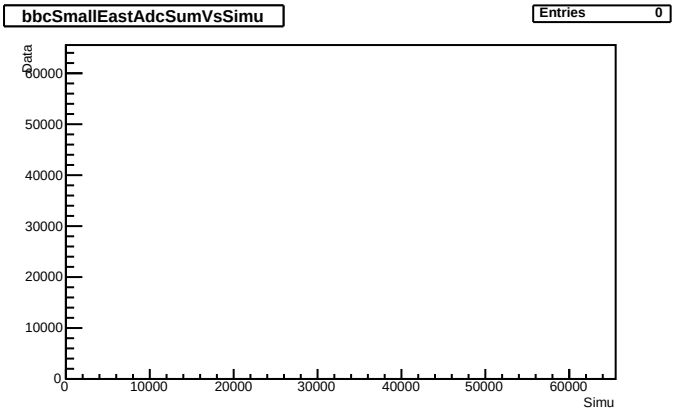
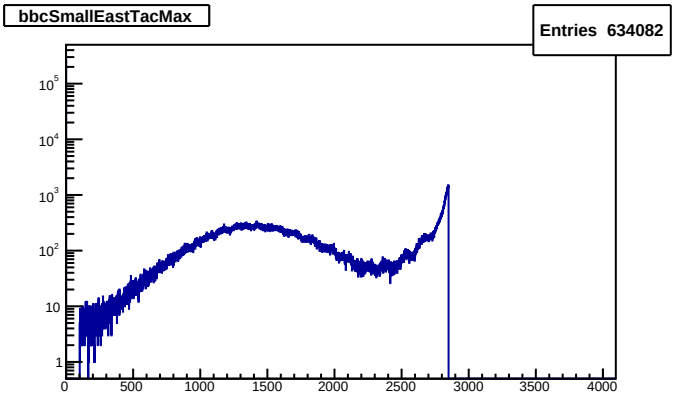
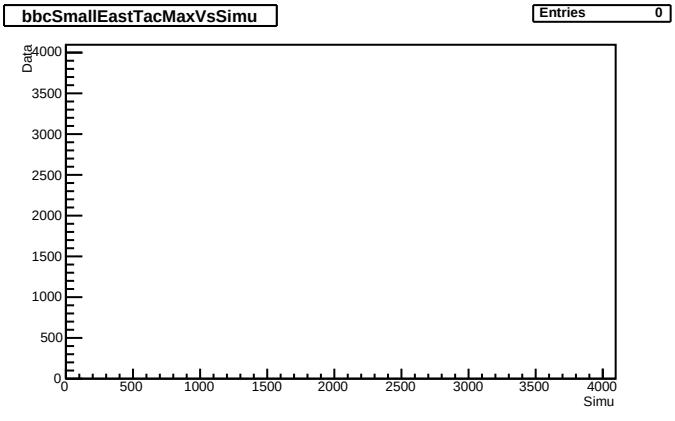
ADC
QT Input Channel


EQ3 QTC
Entries 6.087187e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 634082


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 634082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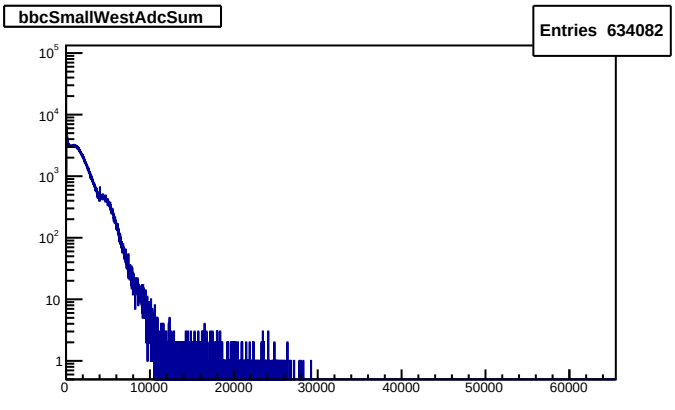
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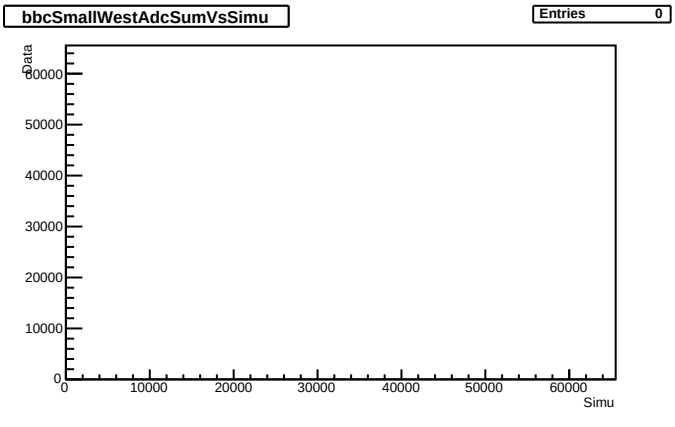
Entries 634082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Entries 0
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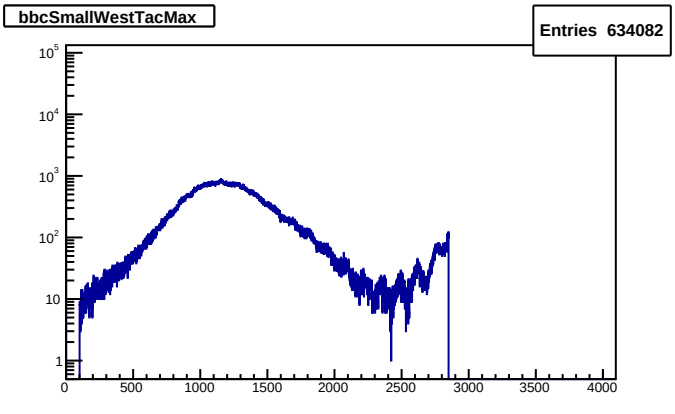
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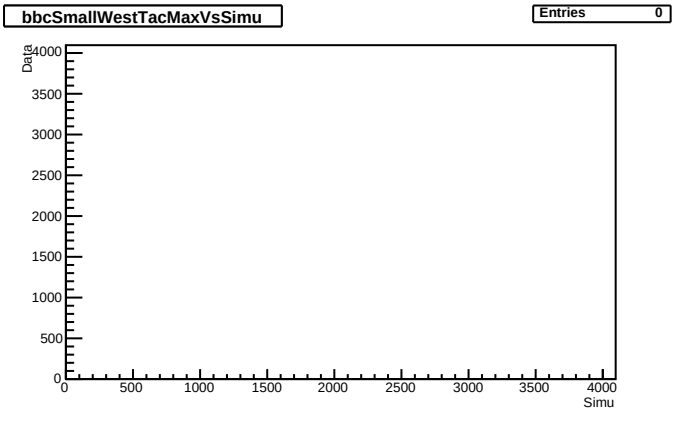
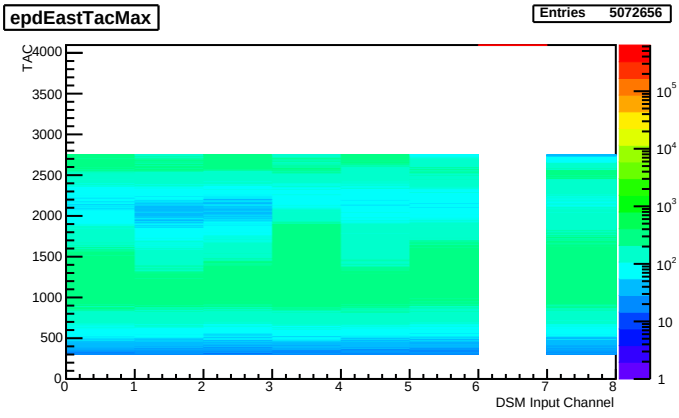
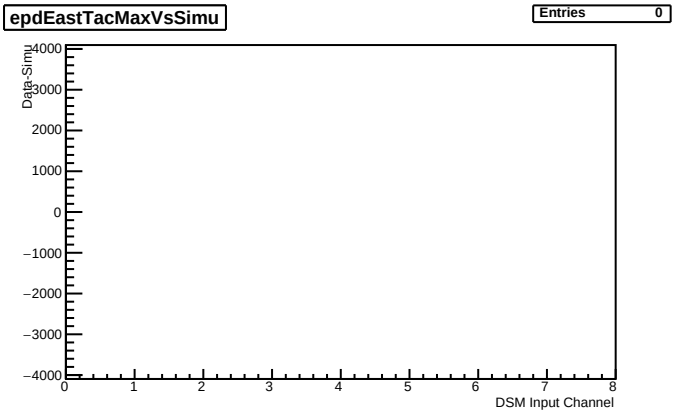
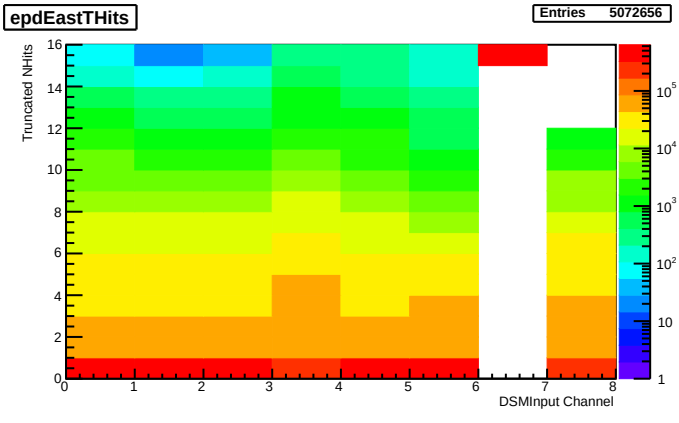
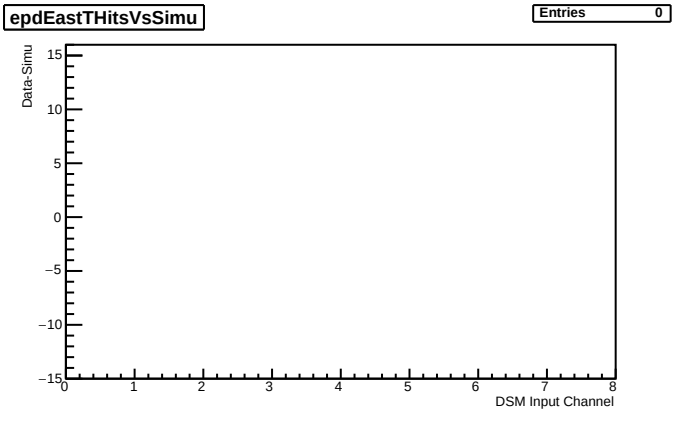
Entries 634082


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5072656
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5072656
Truncated NHits
DSMInput Channel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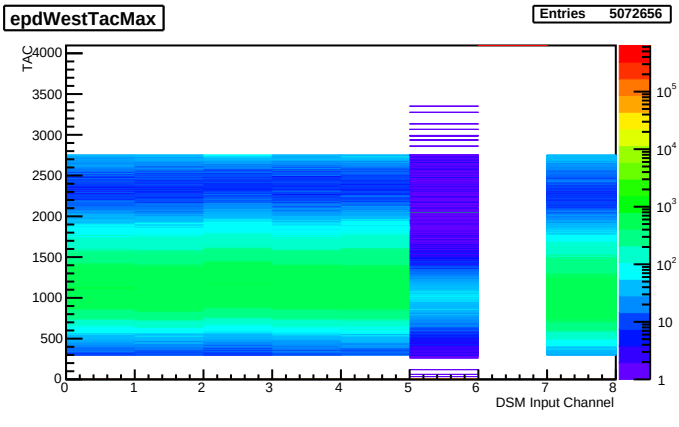
Data-Simu
DSM Input Channel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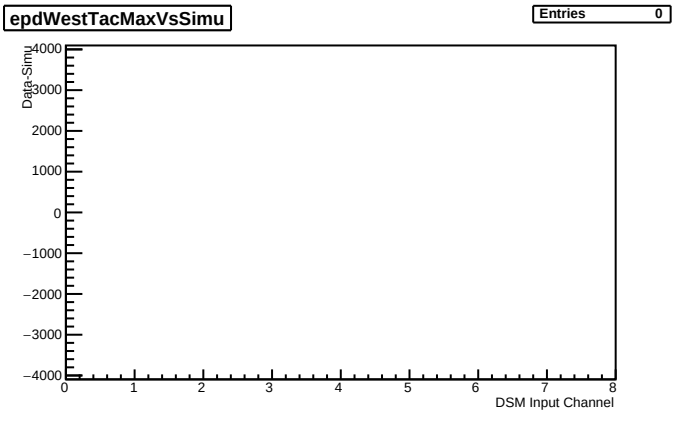
Entries 5072656
TAC
DSM Input Channel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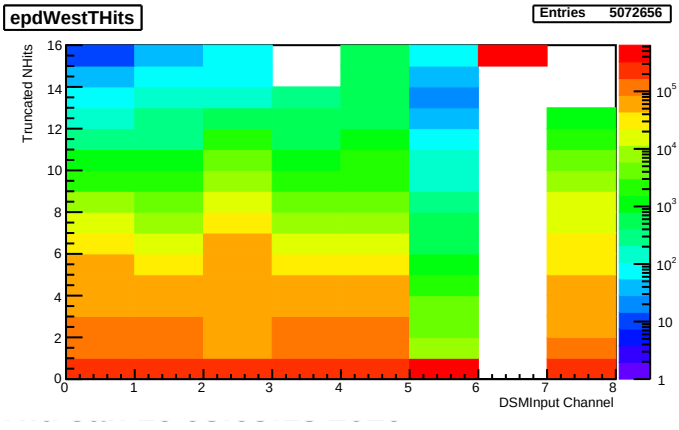
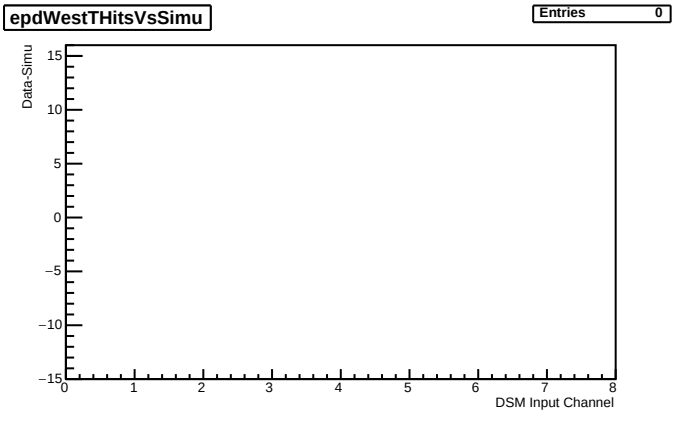
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5072656
Truncated NHits
DSMInput Channel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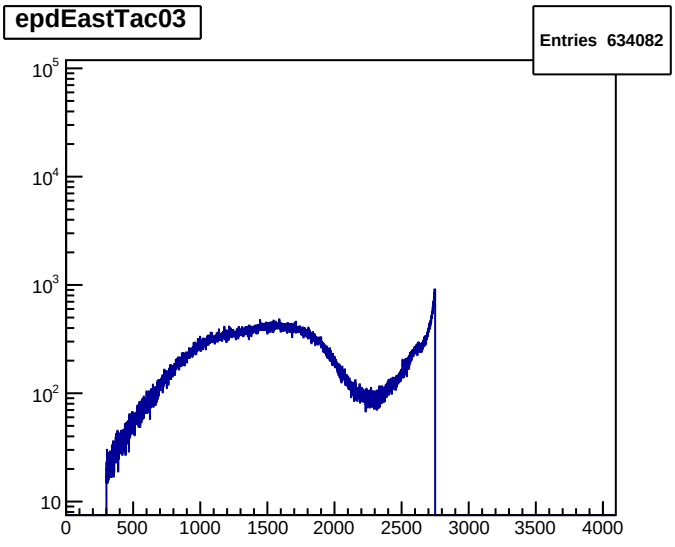
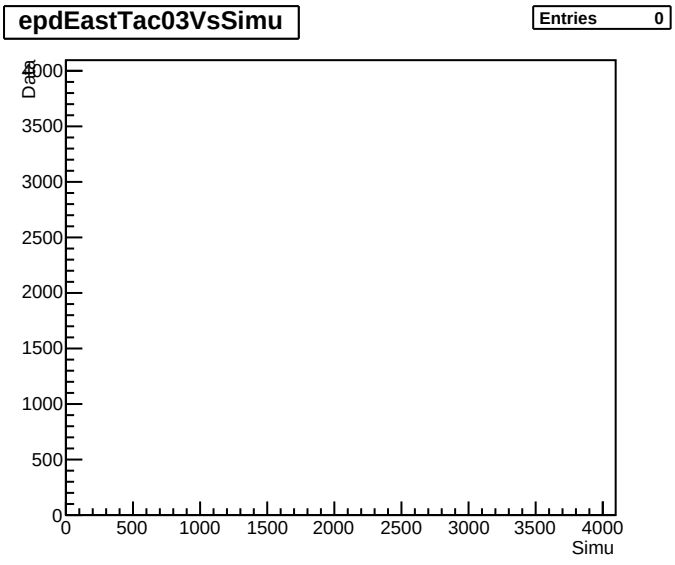
Data-Simu
DSM Input Channel


epdEastTac03
Entries 634082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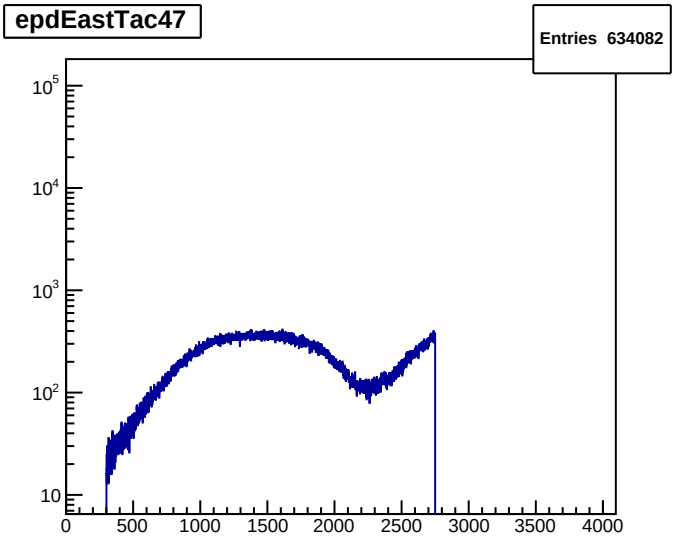
Entries 0
Data
Simu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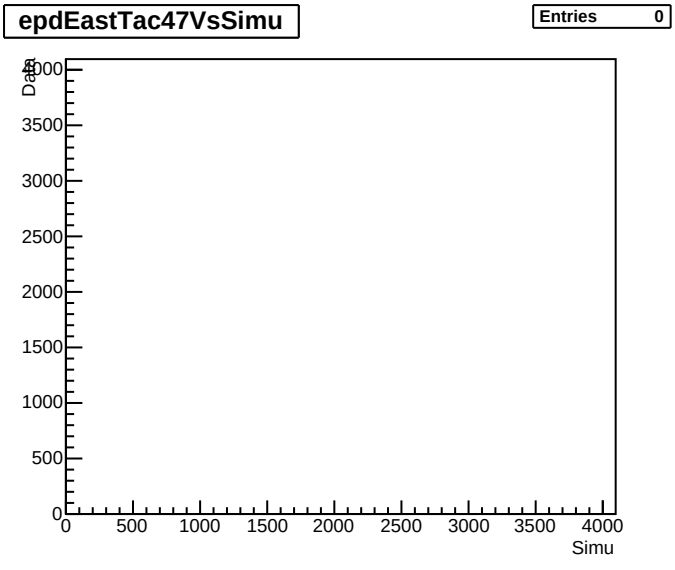
Entries 634082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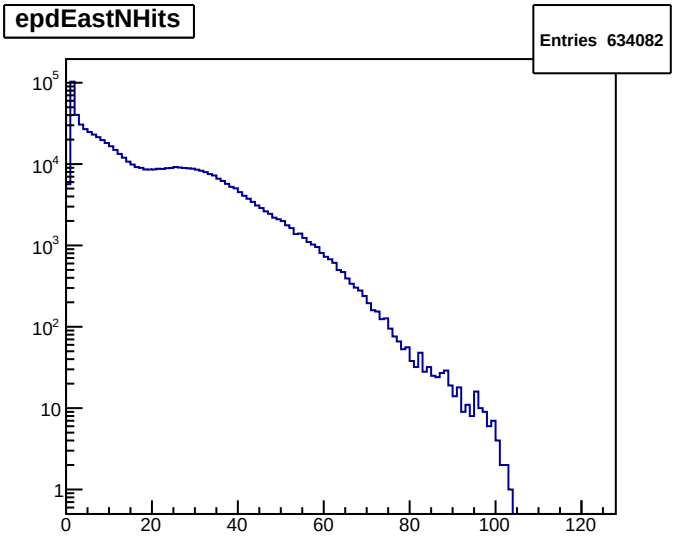
Entries 0
Data
Simu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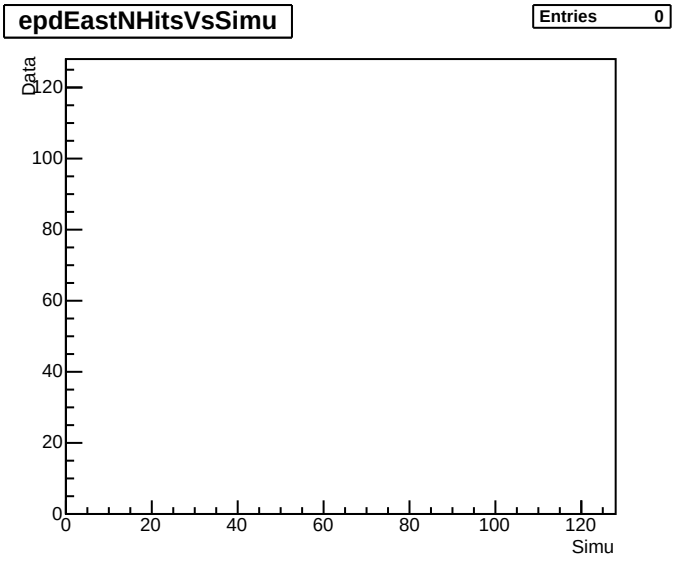
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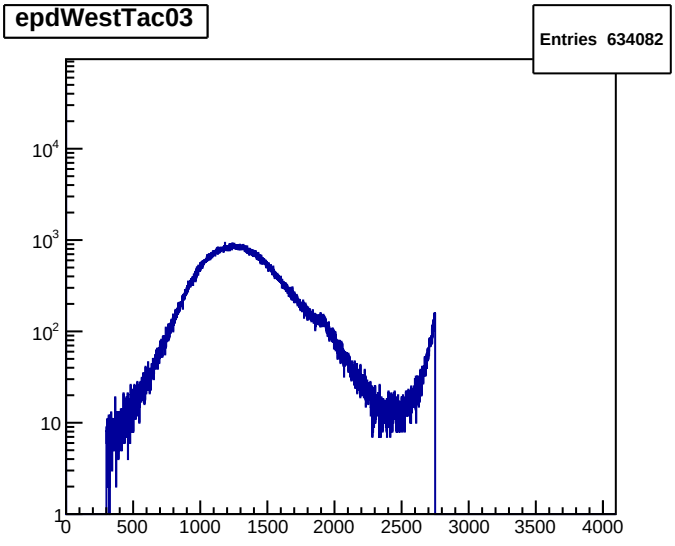
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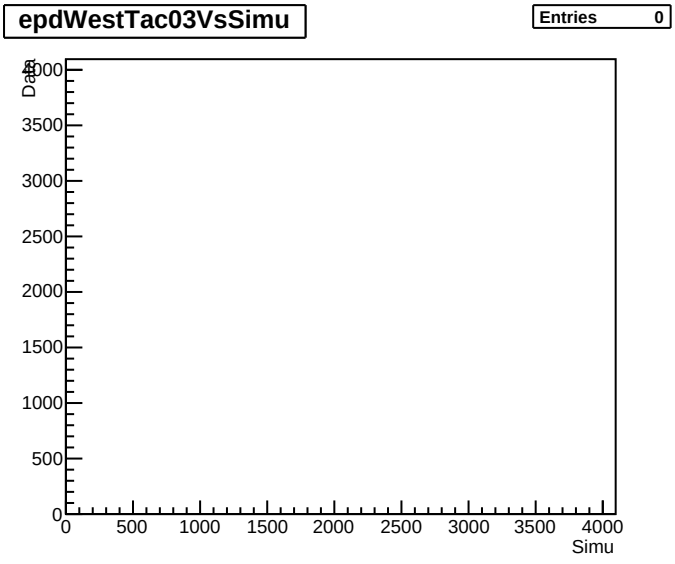
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Entries 0
Data
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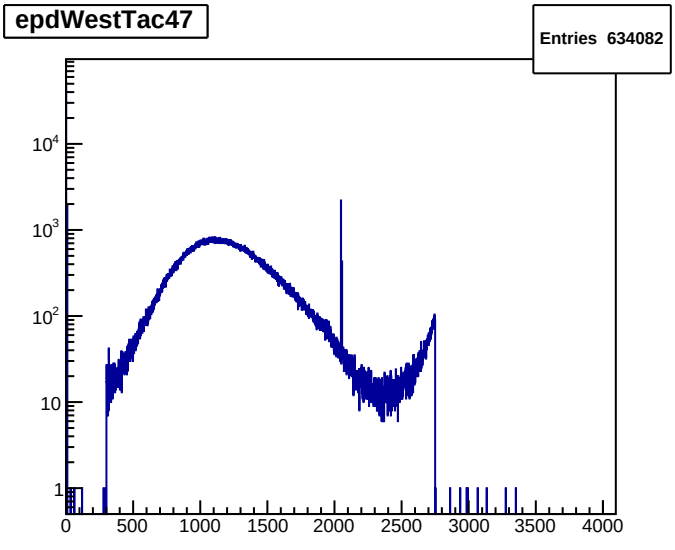
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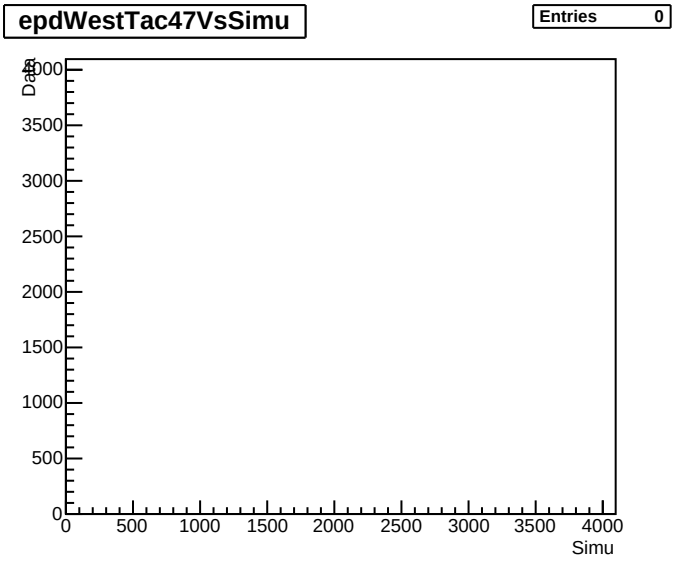
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Entries 0
Data
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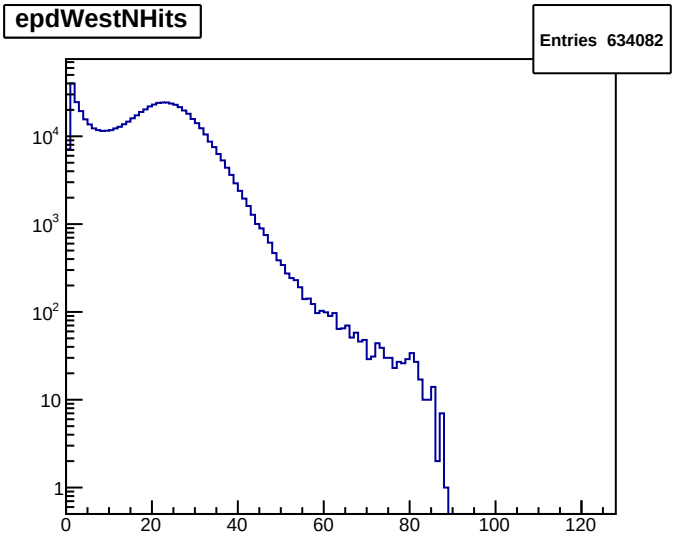
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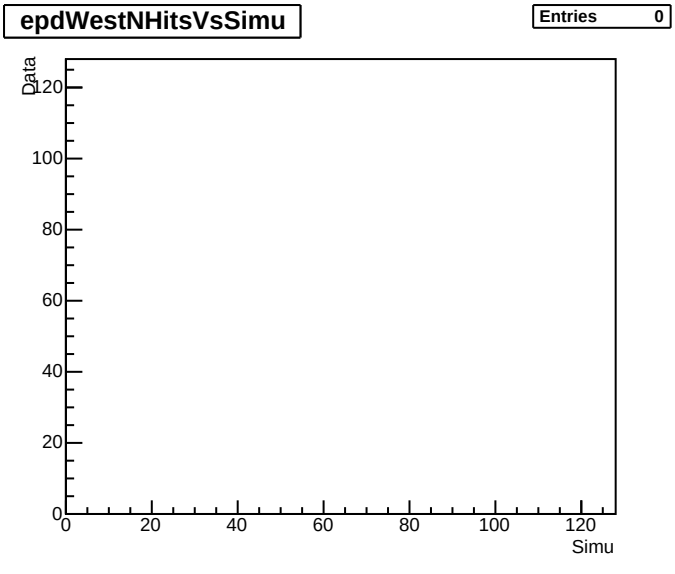
Entries 634082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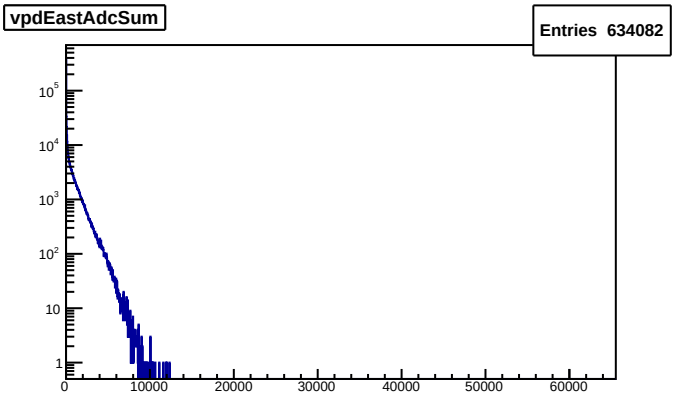
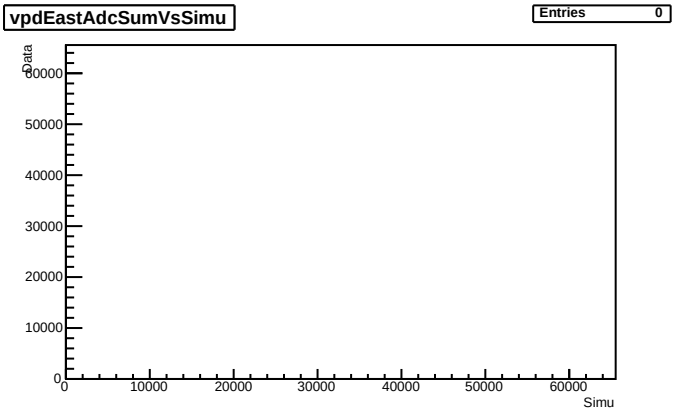
Entries 0
Data
Simu


vpdEastAdcSum
Entries 634082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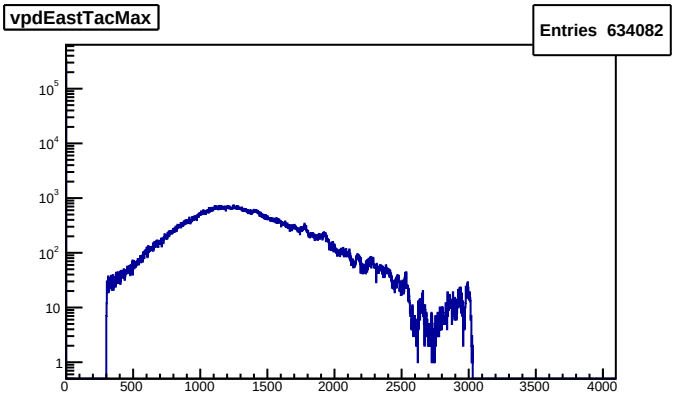
Entries 0
Data
Simu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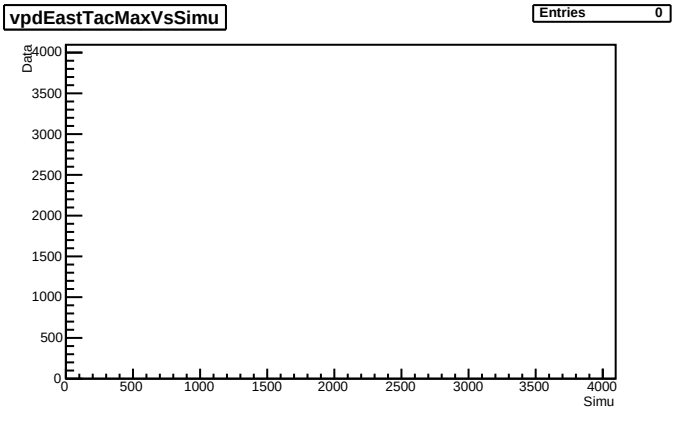
Entries 634082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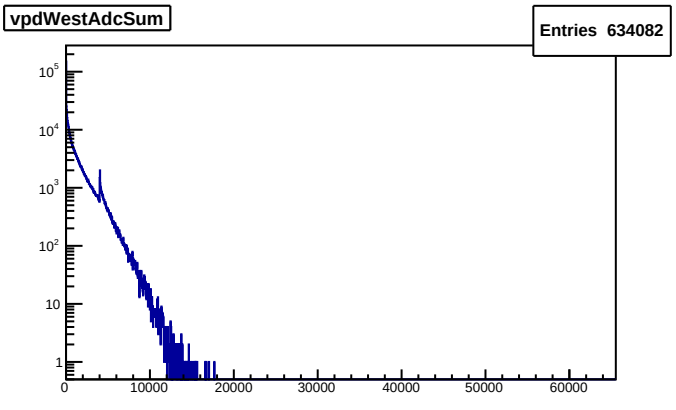
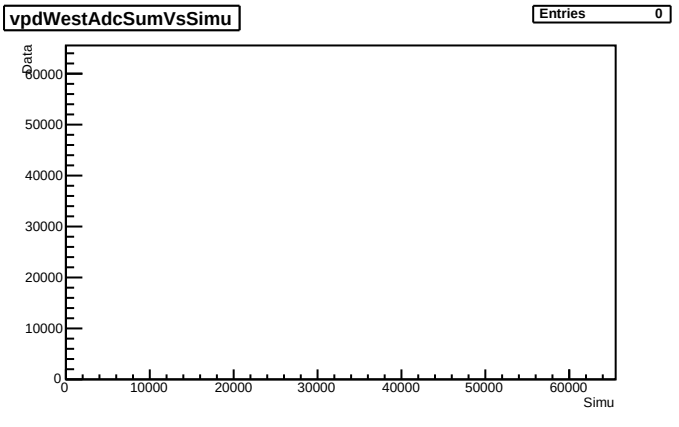
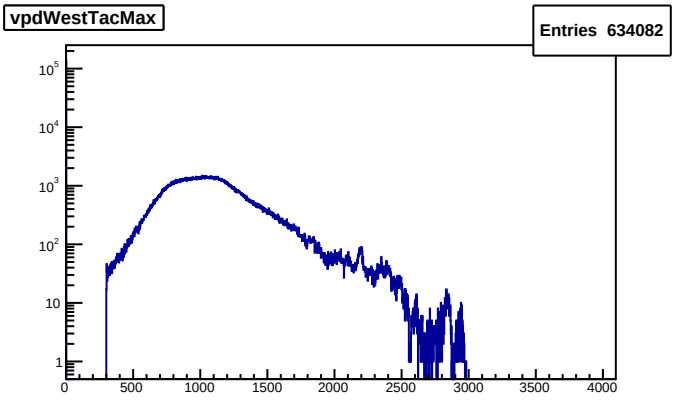
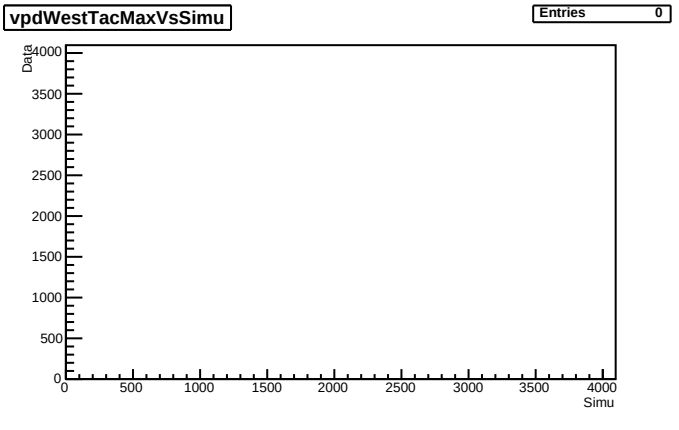
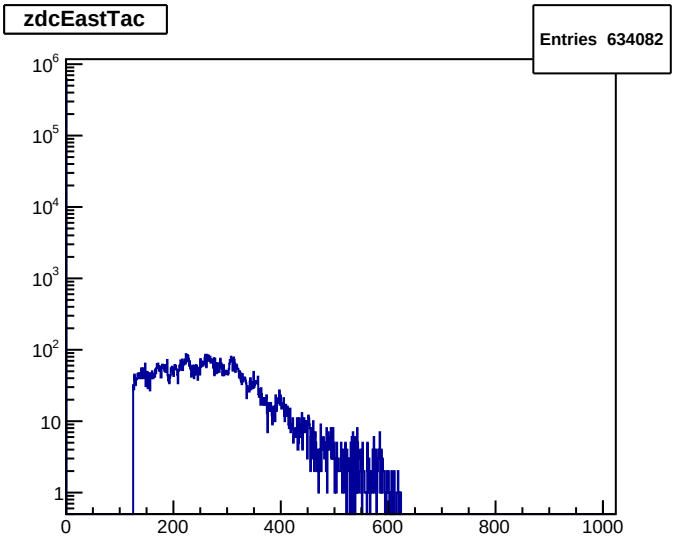
Entries 0
Data
Simu

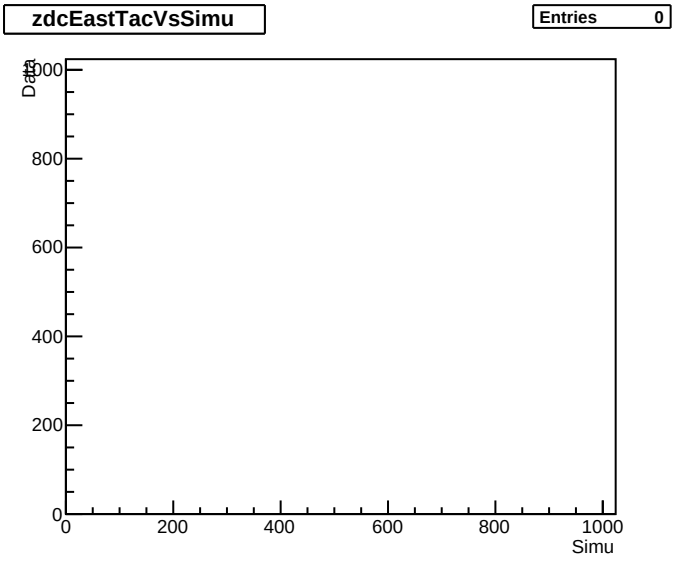

vpdWestAdcSum
Entries 634082

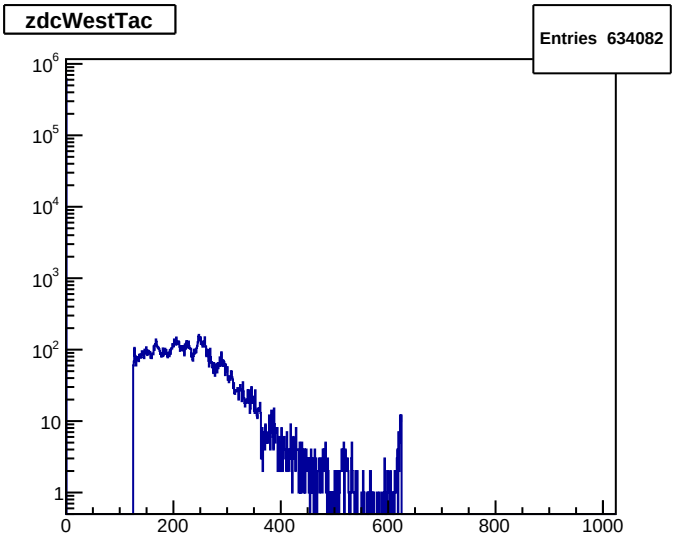

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

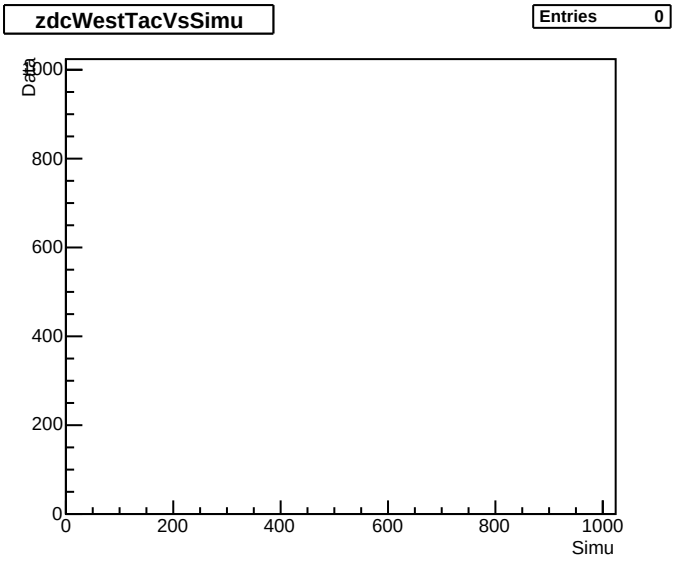

vpdWestTacMax
Entries 634082

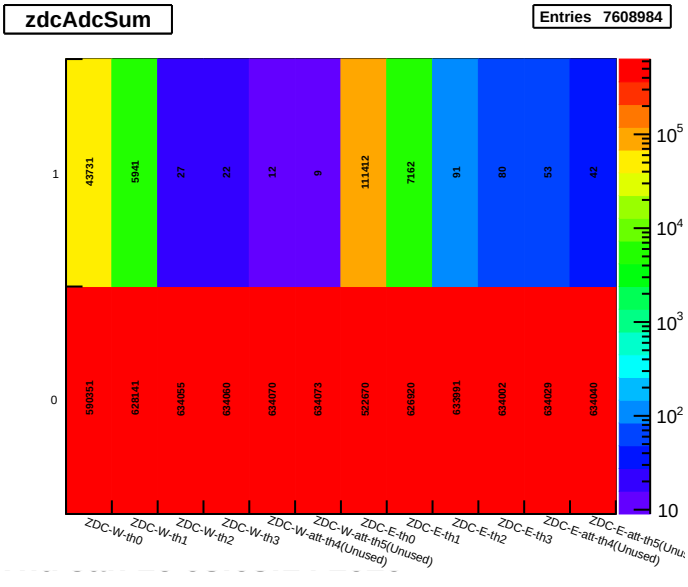

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

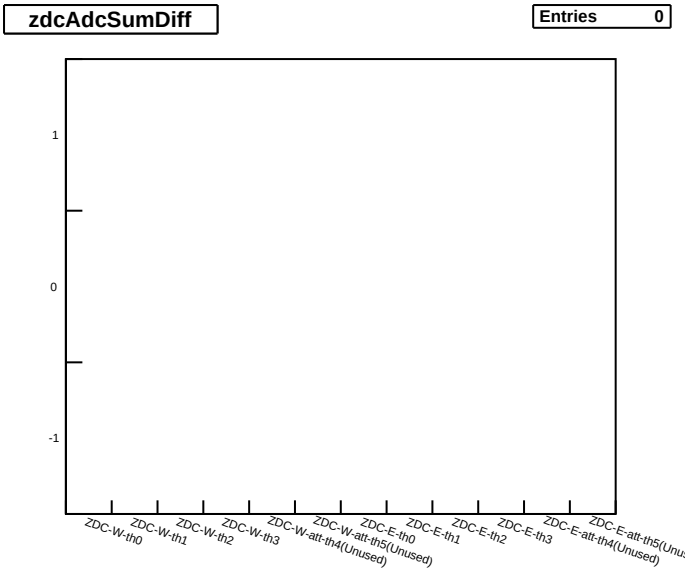

zdcEastTac
Entries 634082

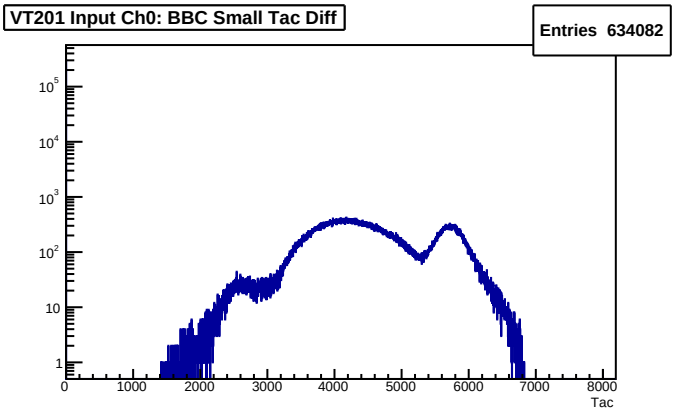

zdcEastTacVsSimu
Entries 0
Data
Simu

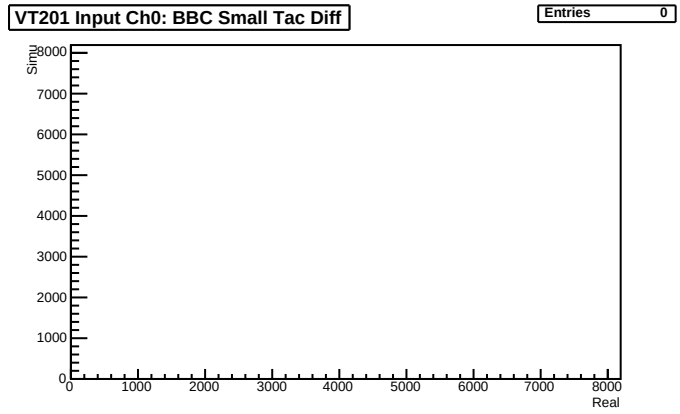

zdcWestTac
Entries 634082

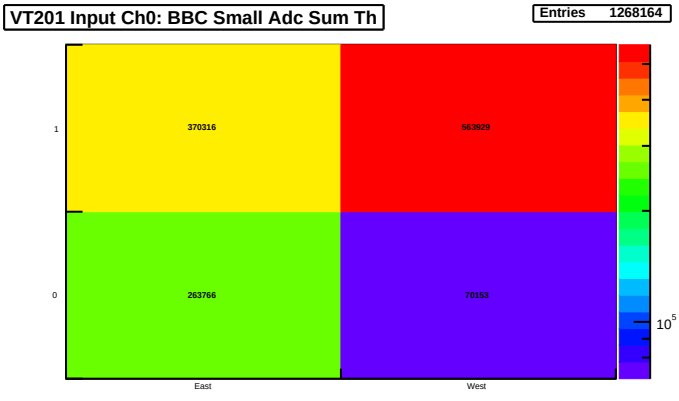

zdcWestTacVsSimu
Entries 0
Data
Simu

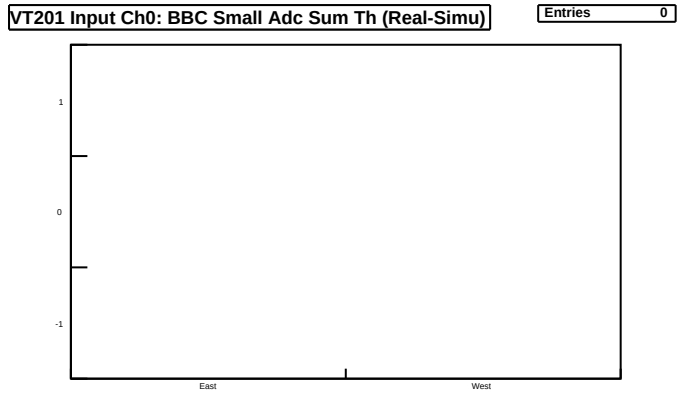

zdcAdcSum
Entries 7608984
43731
5941
27
22
12
9
111412
7162
91
80
53
42
590351
628141
634055
634060
634070
634073
522670
626920
633991
634002
634029
634040
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

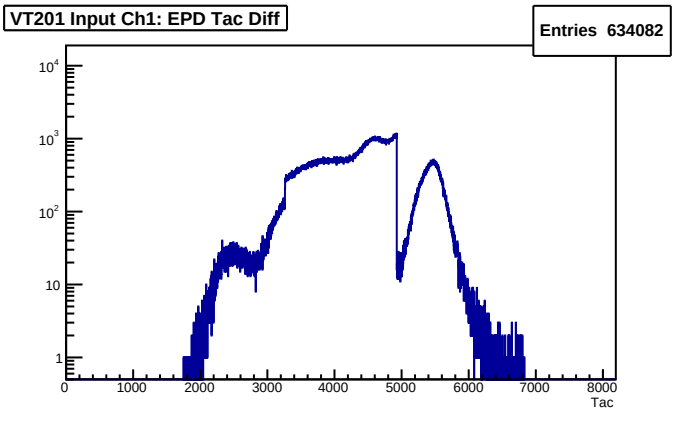

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

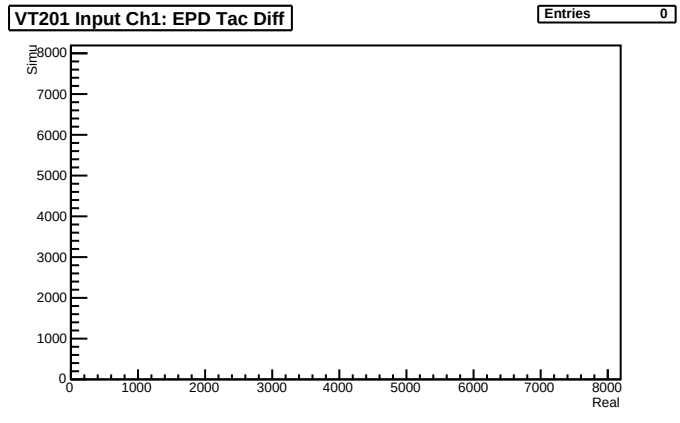

VT201 Input Ch0: BBC Small Tac Diff
Entries 634082
Tac

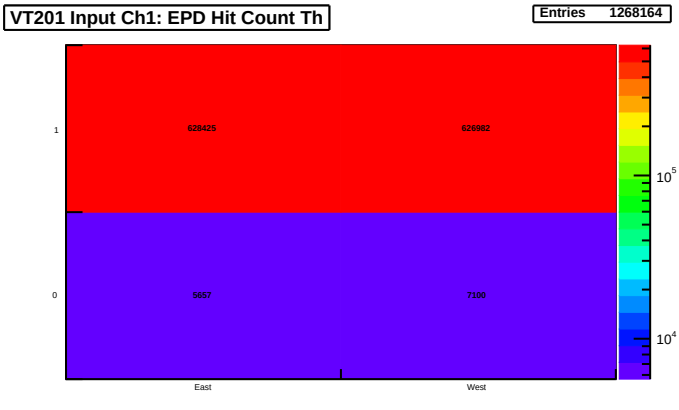

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

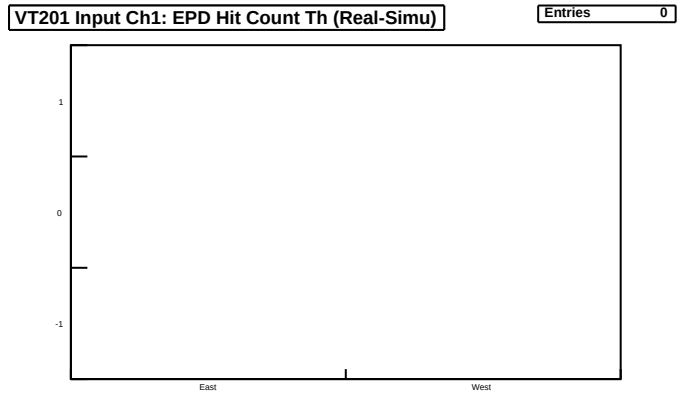

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1268164
370316
563929
263766
70153
East
West

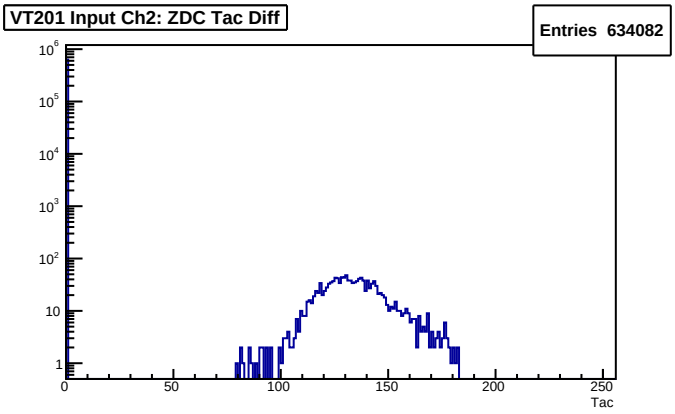

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

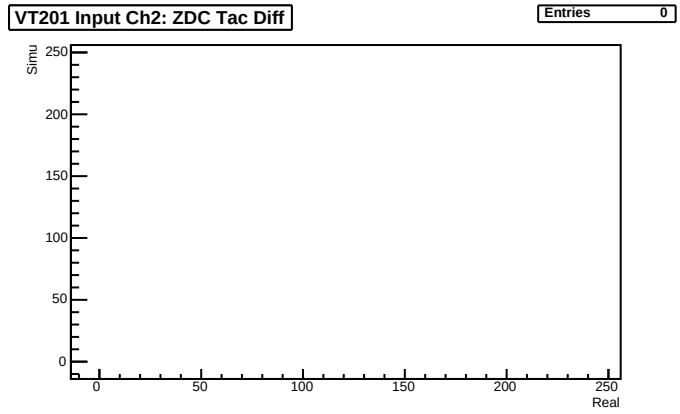

VT201 Input Ch1: EPD Tac Diff
Entries 634082
Tac

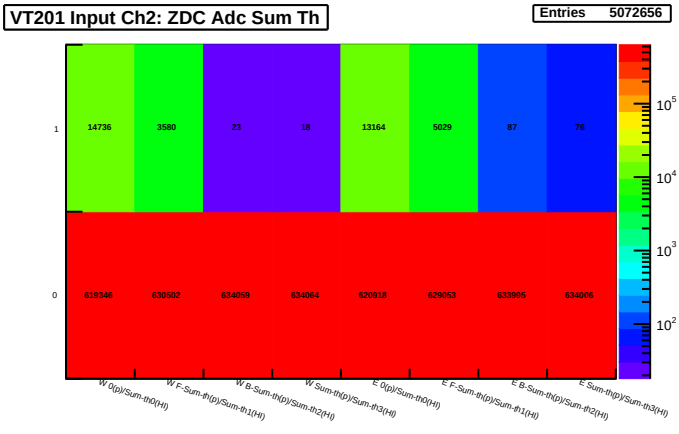

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

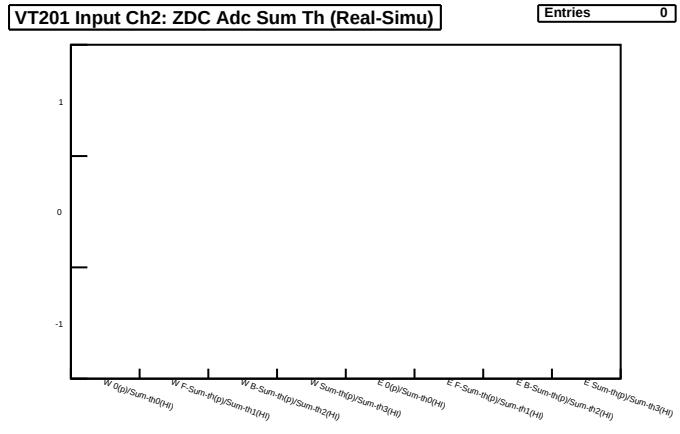

VT201 Input Ch1: EPD Hit Count Th
Entries 1268164
628425
620982
5657
7100
East
West

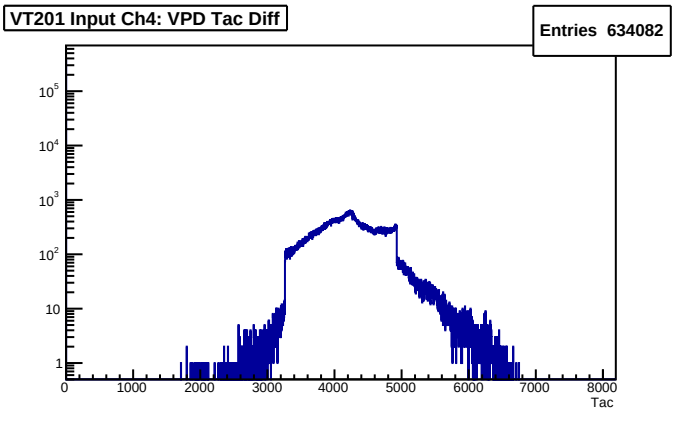

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

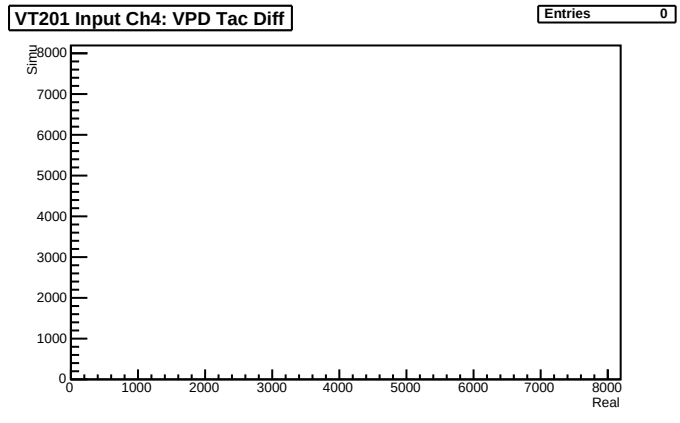

VT201 Input Ch2: ZDC Tac Diff
Entries 634082
Tac

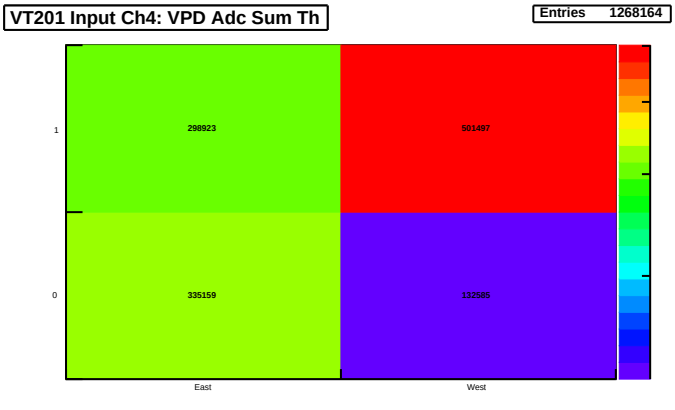

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

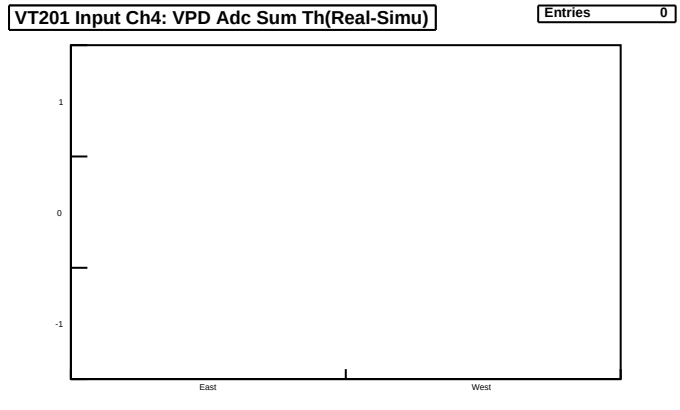

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5072656
14736
3580
23
18
13164
5029
87
76
619346
630502
634059
634064
620918
629053
633995
634006
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

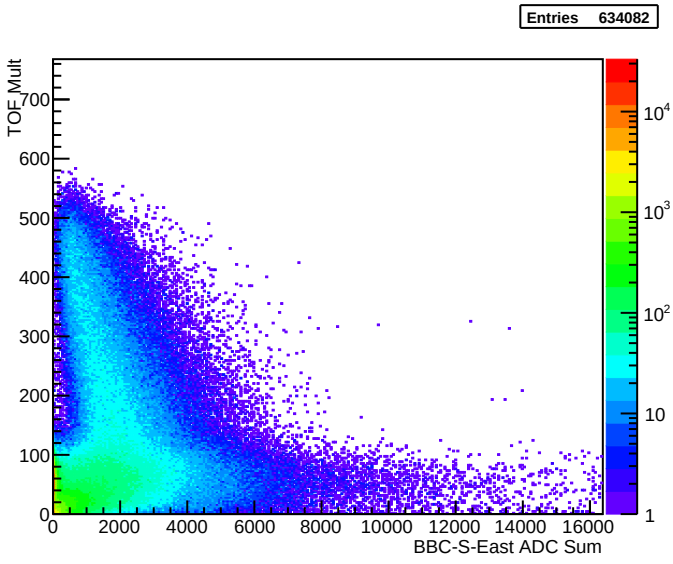

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

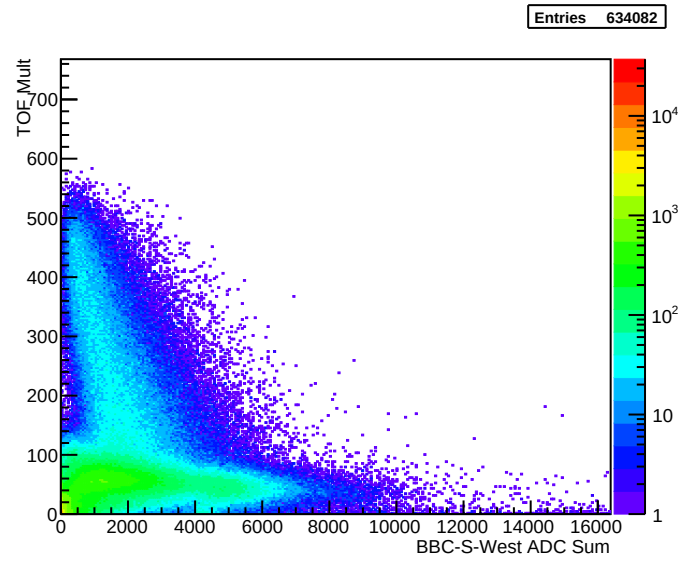

VT201 Input Ch4: VPD Tac Diff
Entries 634082
Tac

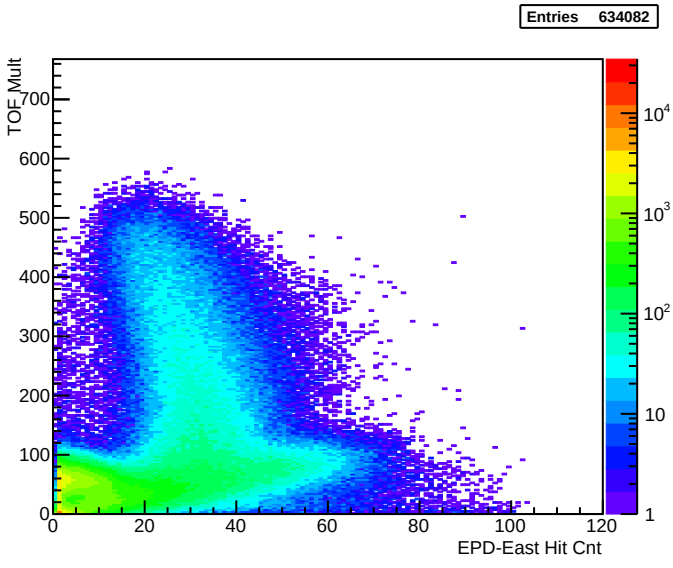

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

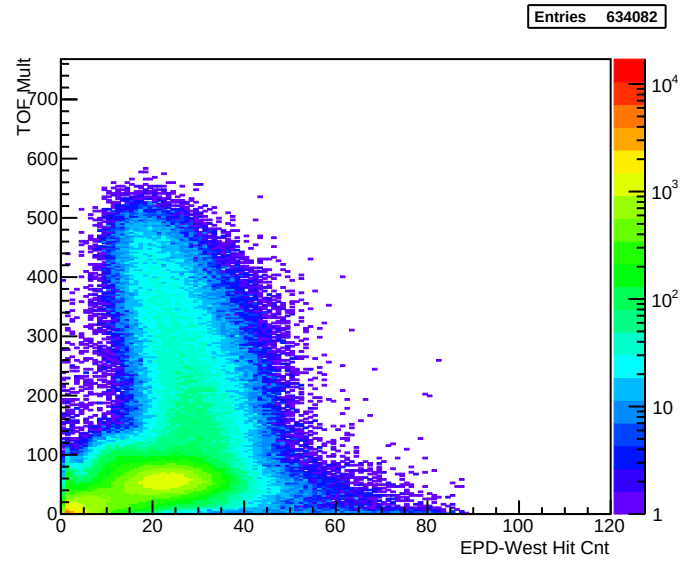

VT201 Input Ch4: VPD Adc Sum Th
Entries 1268164
298923
501497
335159
132585
East
West

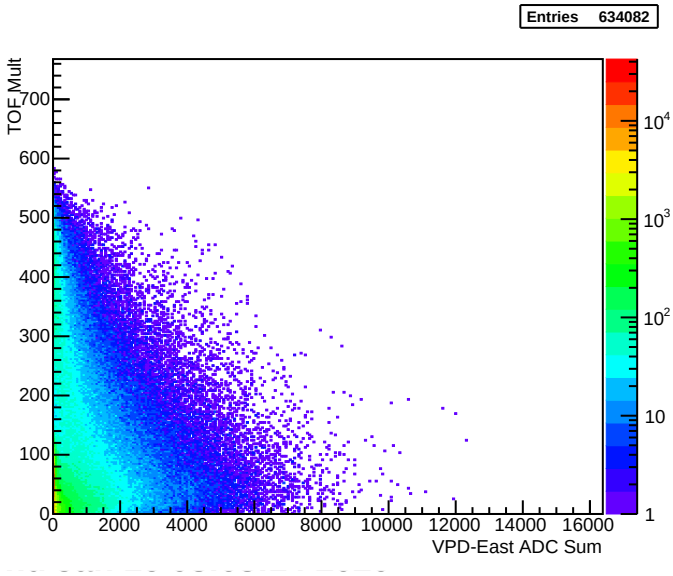

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

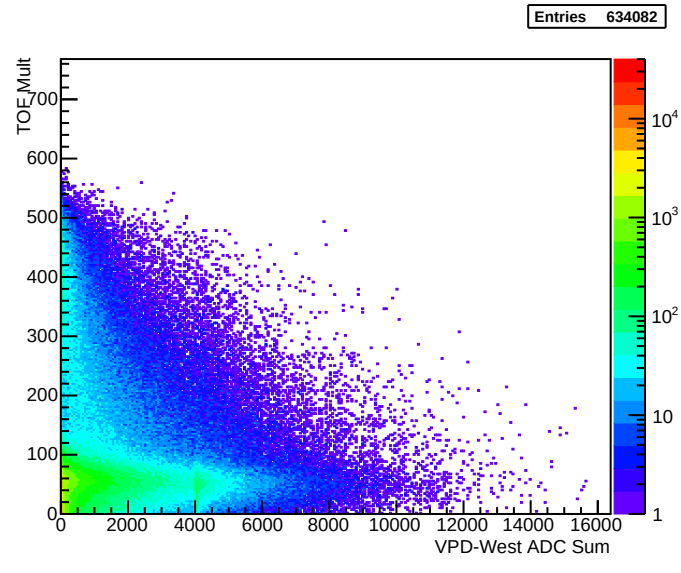

Entries 634082
TOF_Mult
BBC-S-East ADC Sum

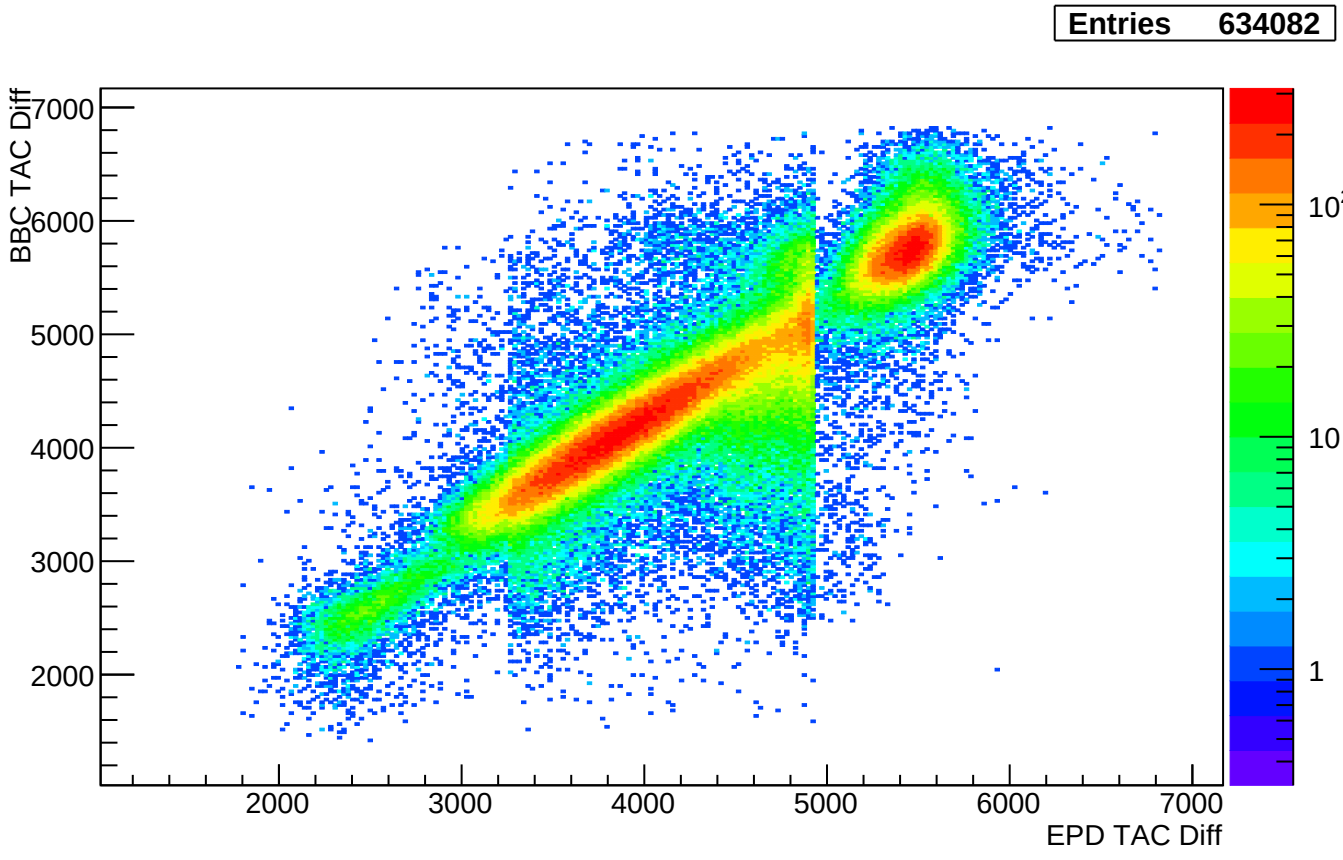

Entries 634082
TOF_Mult
BBC-S-West ADC Sum

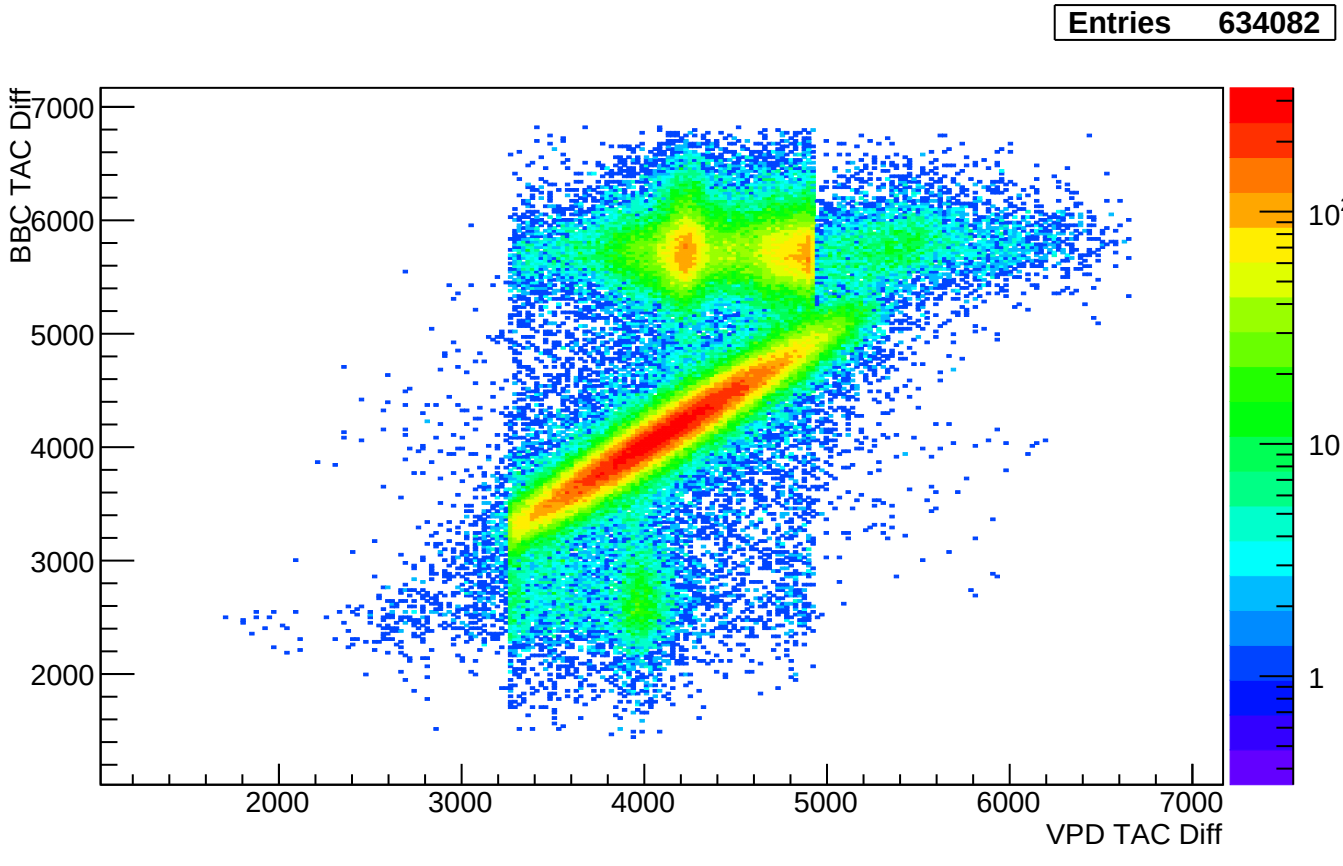

Entries 634082
TOF_Mult
EPD-East Hit Cnt

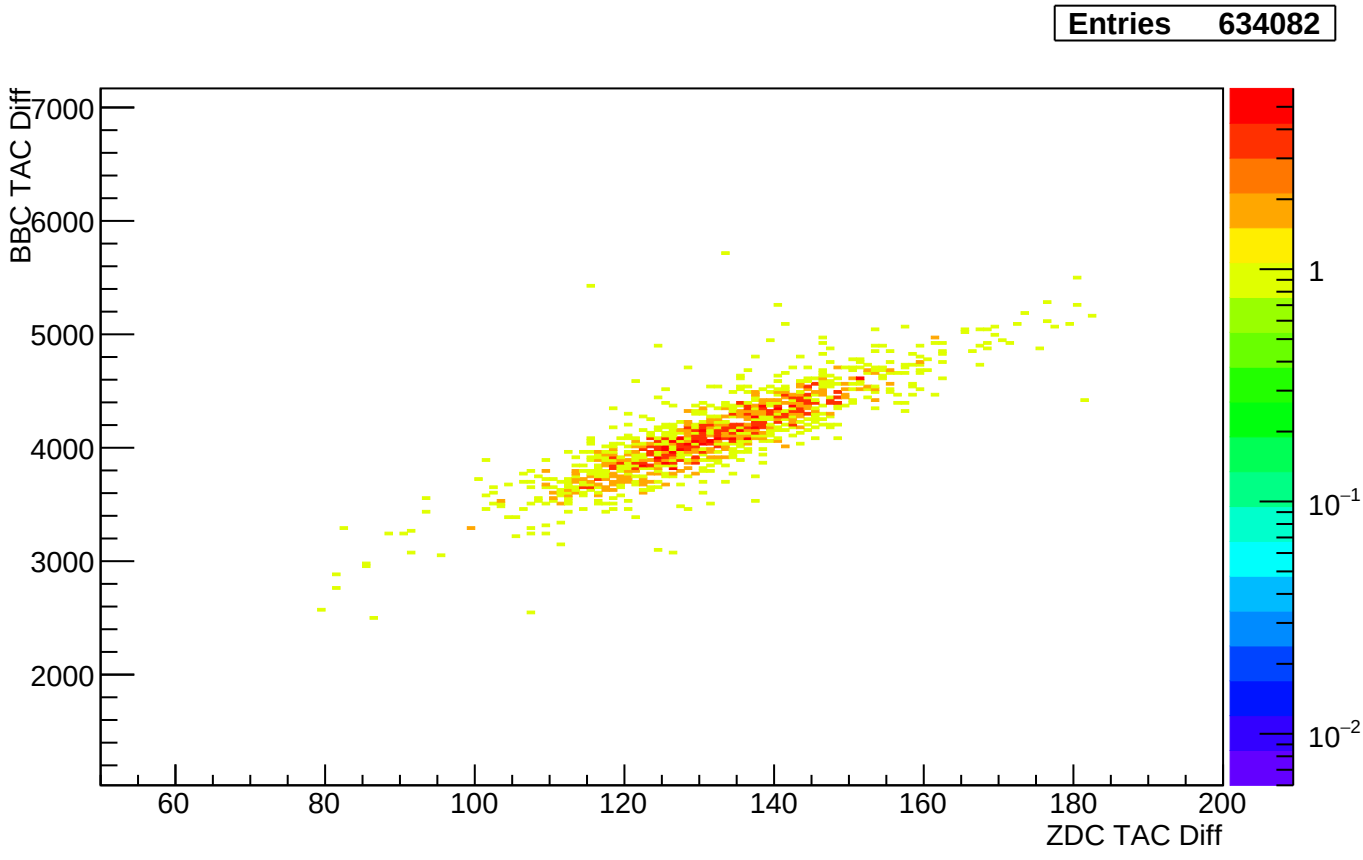

Entries 634082
TOF_Mult
EPD-West Hit Cnt

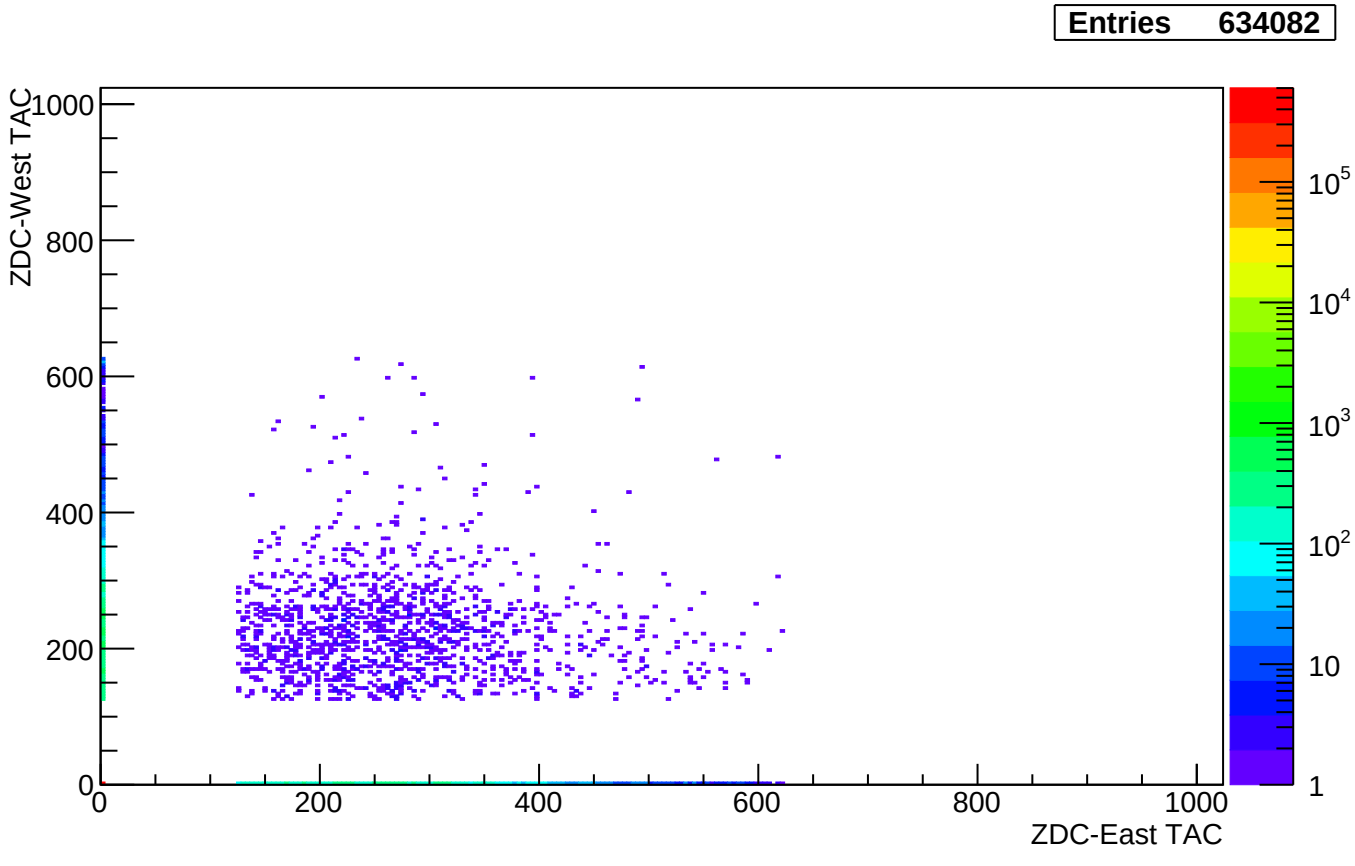

Entries 634082
TOF_Mult
VPD-East ADC Sum

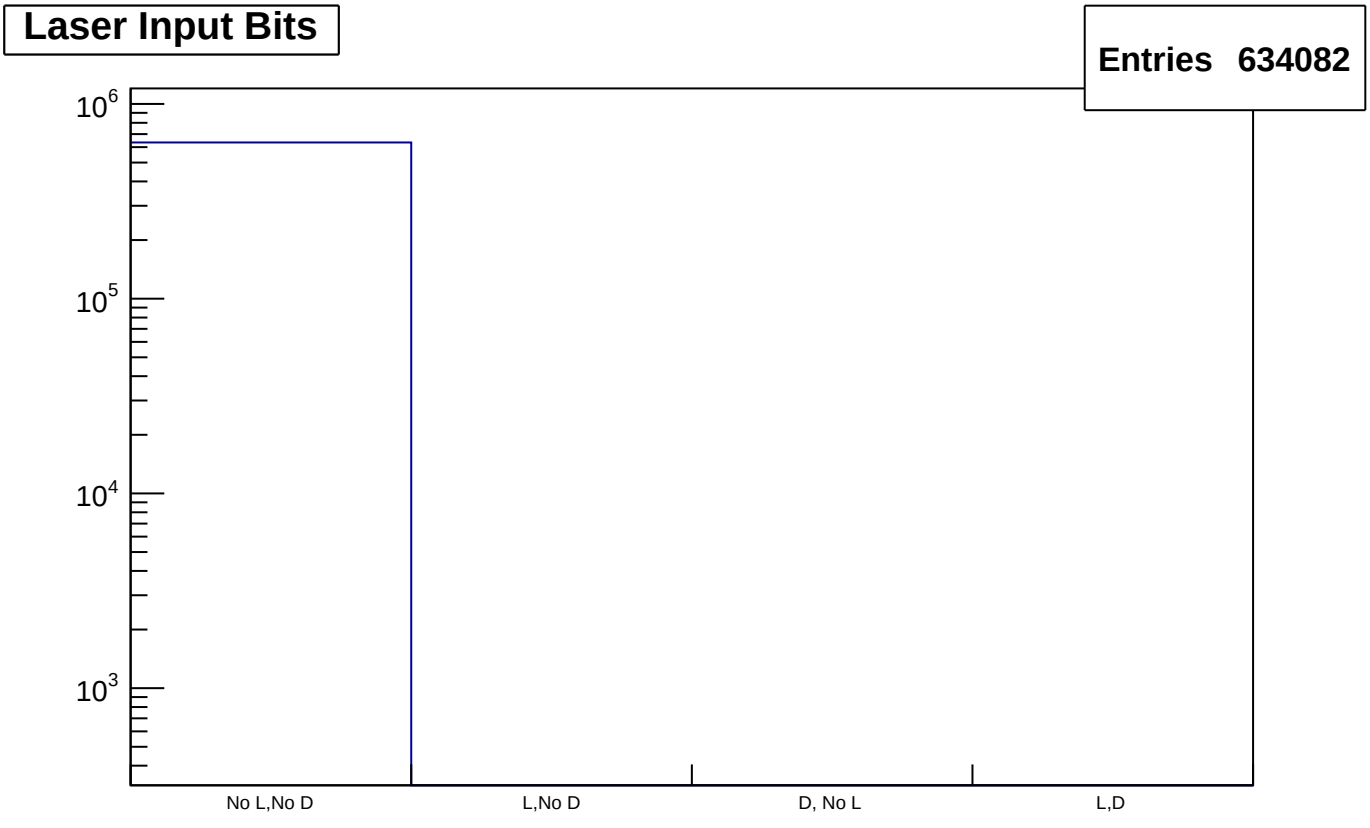

Entries 634082
TOF_Mult
VPD-West ADC Sum

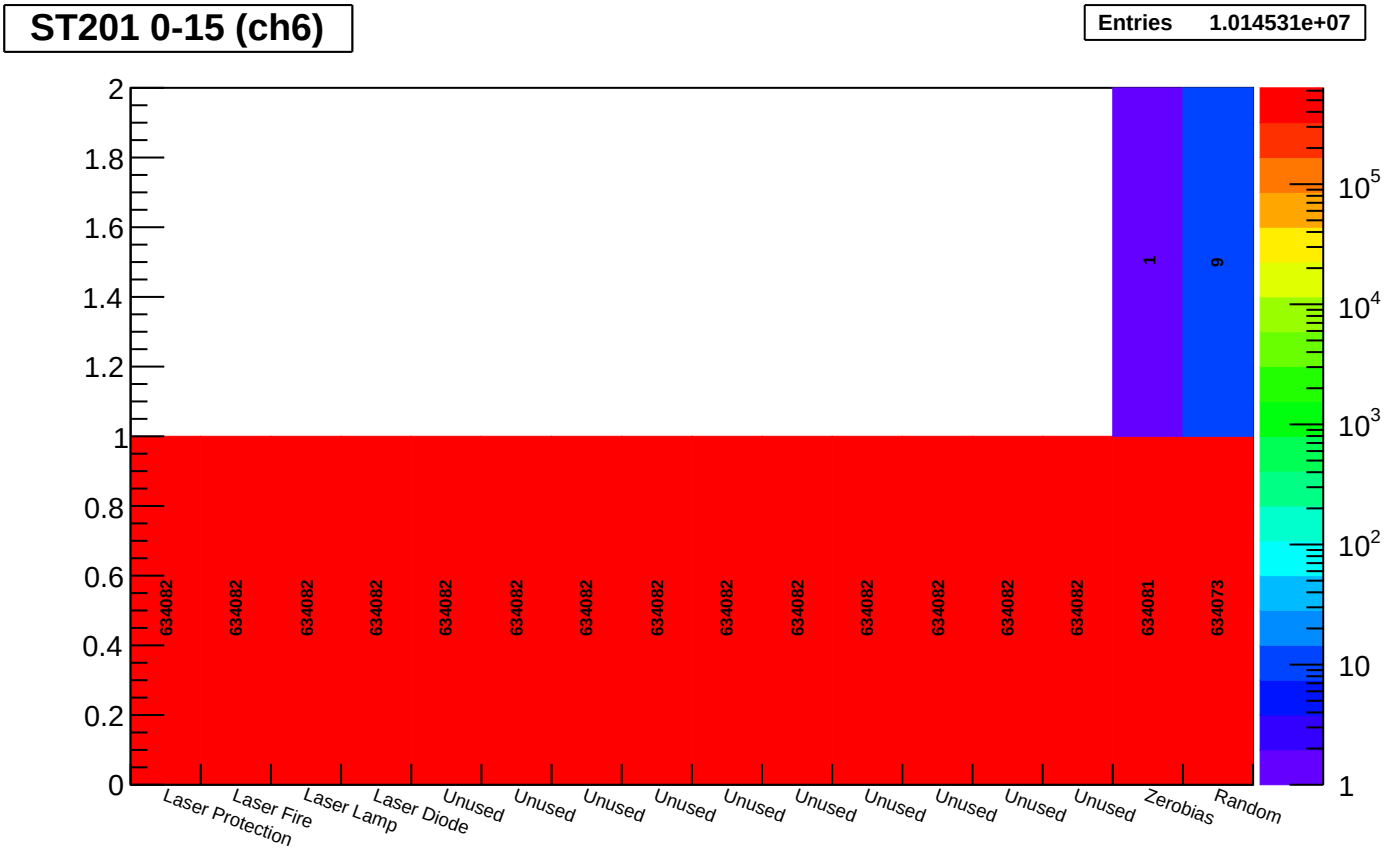

Entries 634082
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

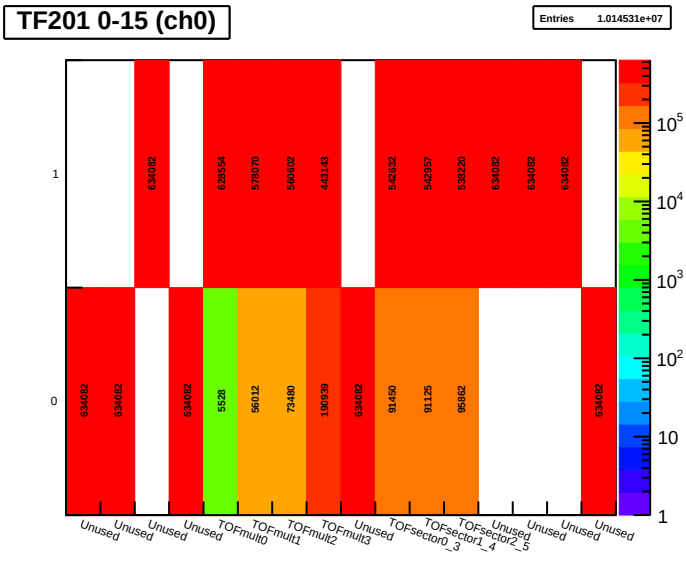

Entries 634082
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

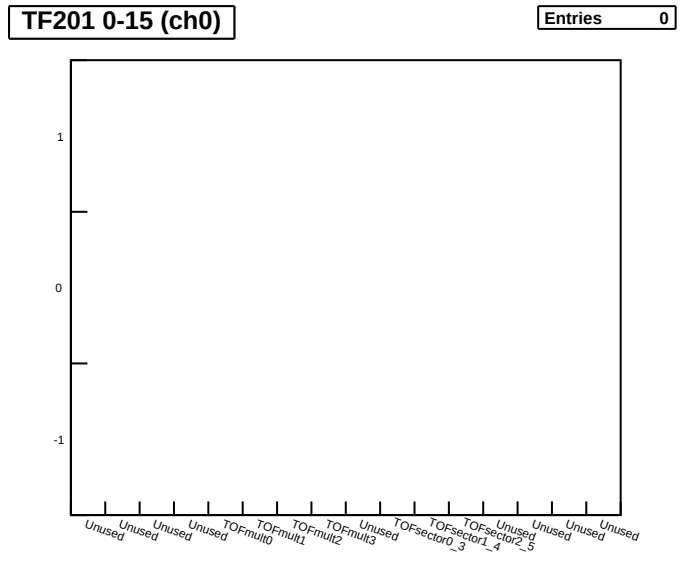

Entries 634082
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

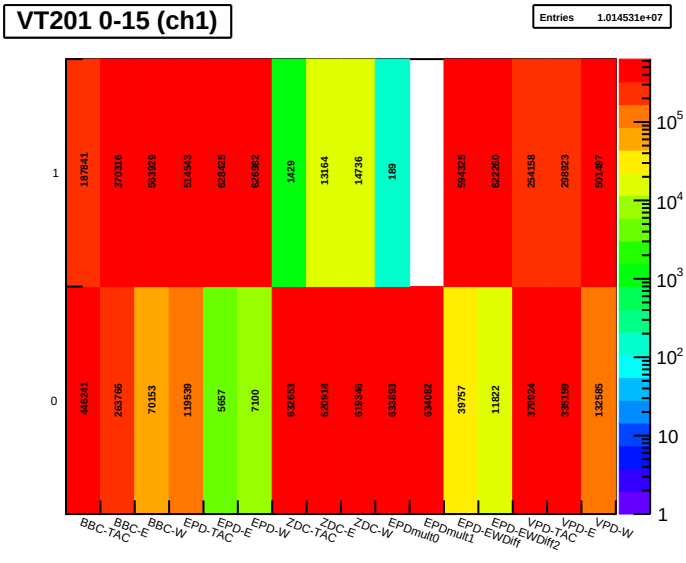

Entries 634082
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

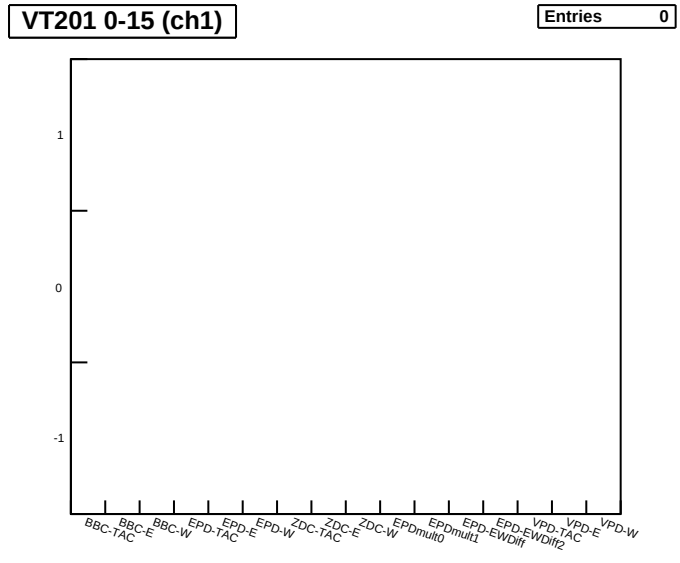

Laser Input Bits
Entries 634082
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

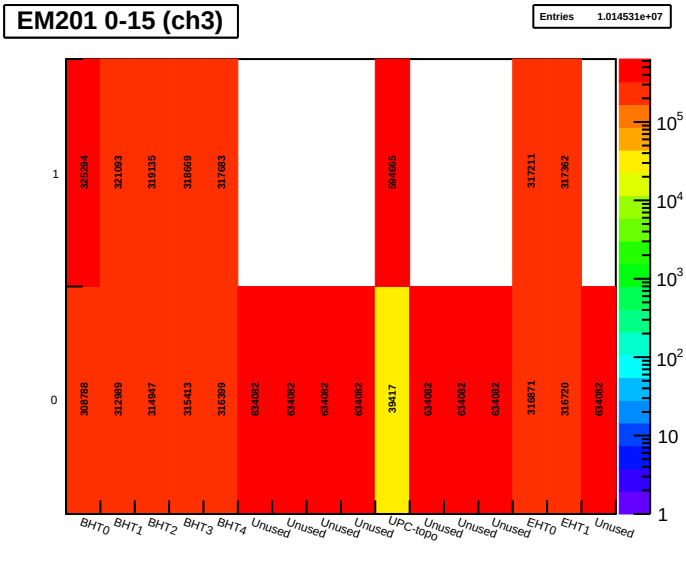

ST201 0-15 (ch6)
Entries 1.014531e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
634082
634082
634082
634082
634082
634082
634082
634082
634082
634082
634082
634082
634082
634082
634081
634073
1
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

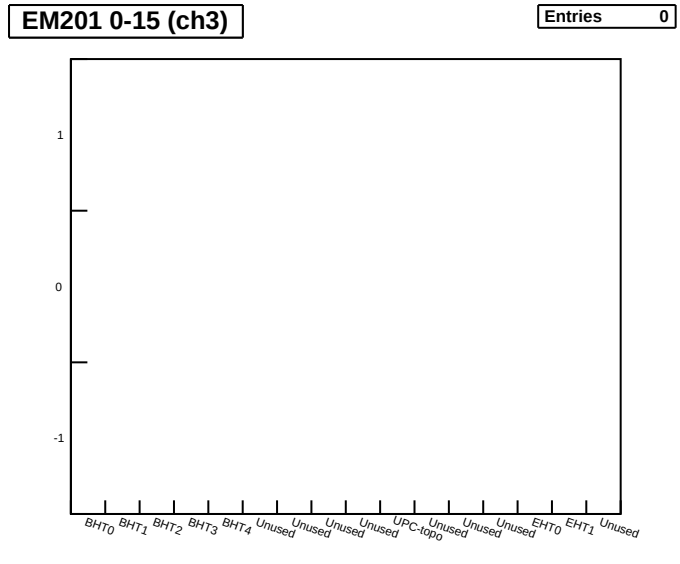

TF201 0-15 (ch0)
Entries 1.014531e+07
1
0
634082 634082 634082 634082 628554 578070 560602 443143 542632 542957 538220 634082 634082 634082
634082 5528 56012 73480 190939 634082 91450 91125 95862 634082
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 1.014531e+07
1
0
187841 370316 563929 514543 628425 626982 1429 13164 14736 189 594325 622260 254158 298923 501487
446241 263766 70153 119539 5657 7100 632653 620918 619346 633893 634082 39757 11822 379924 335159 132585
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 1.014531e+07
1
0
325294 321093 319135 318669 317683 594665 317211 317362
308788 312989 314947 315413 316399 634082 634082 634082 634082 39417 634082 634082 634082 316871 316720 634082
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