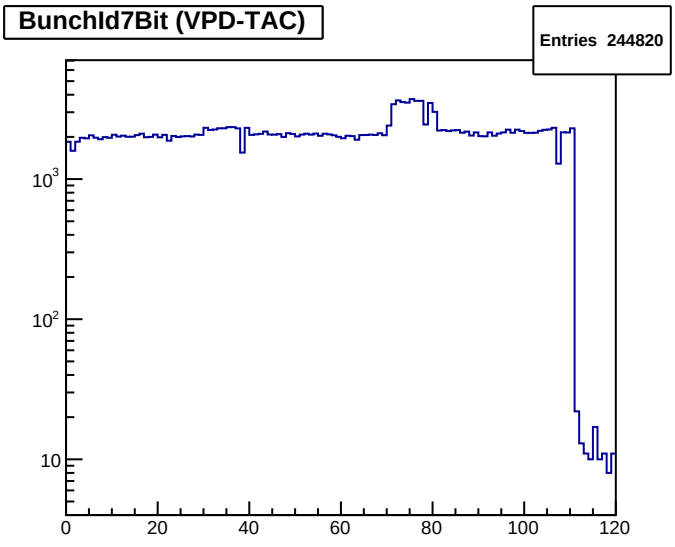
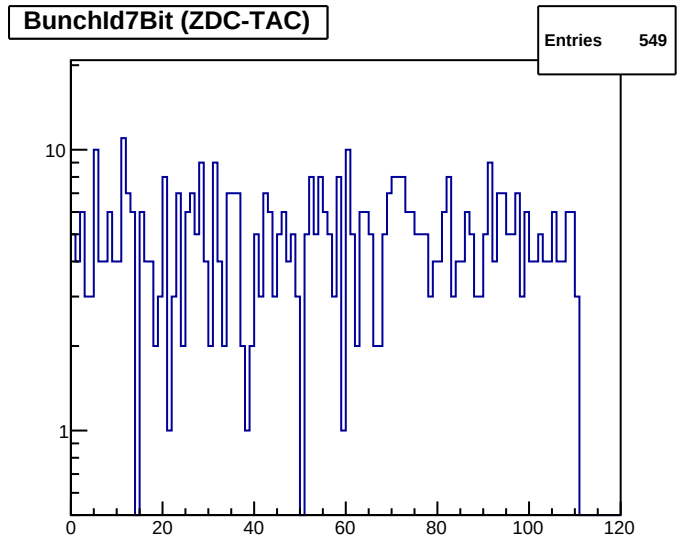
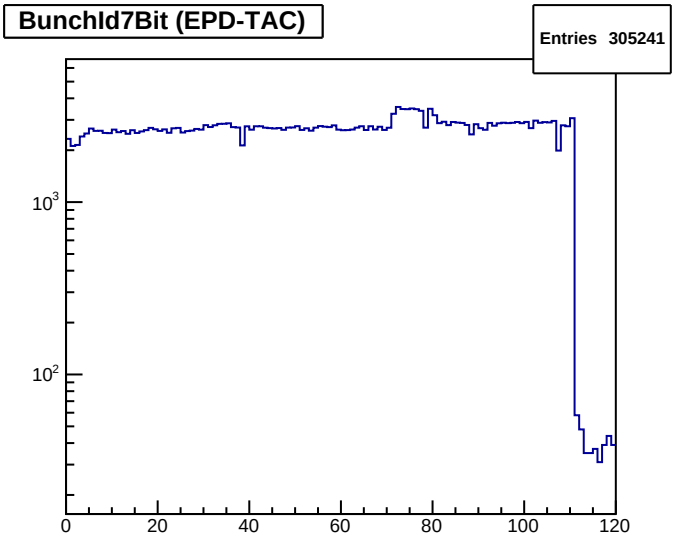

BunchId7Bit (VPD-TAC)
Entries 244820


BunchId7Bit (ZDC-TAC)
Entries 549


BunchId7Bit (EPD-TAC)
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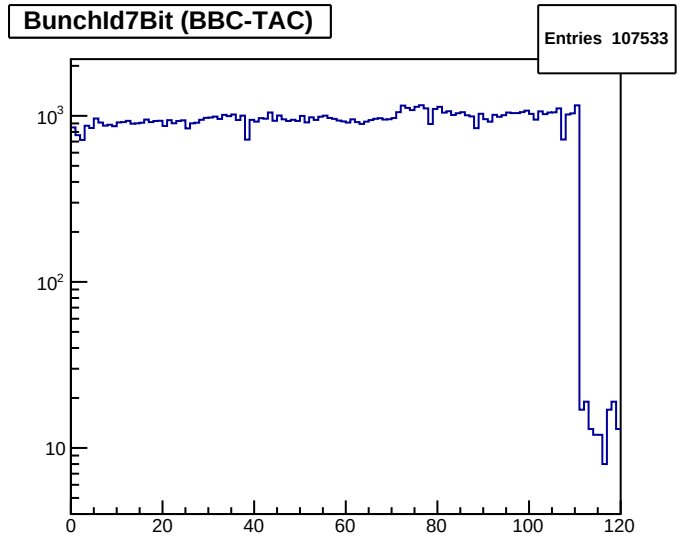
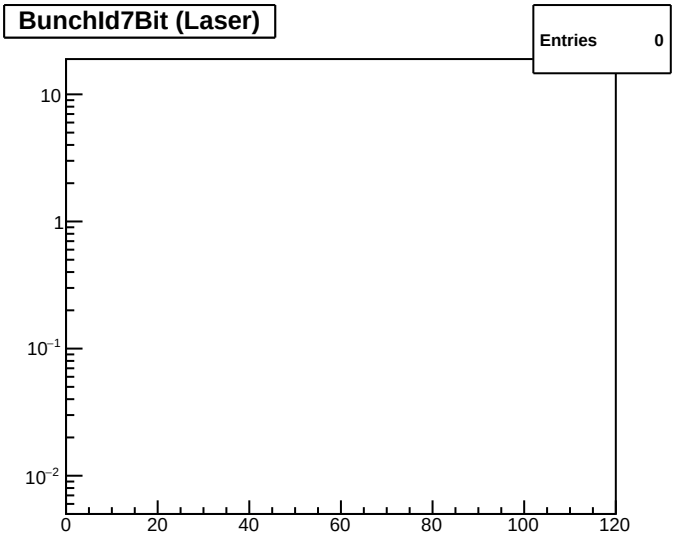
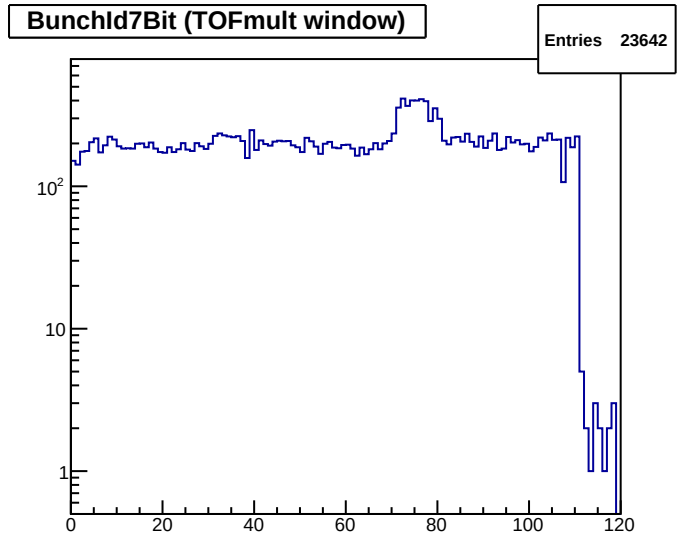
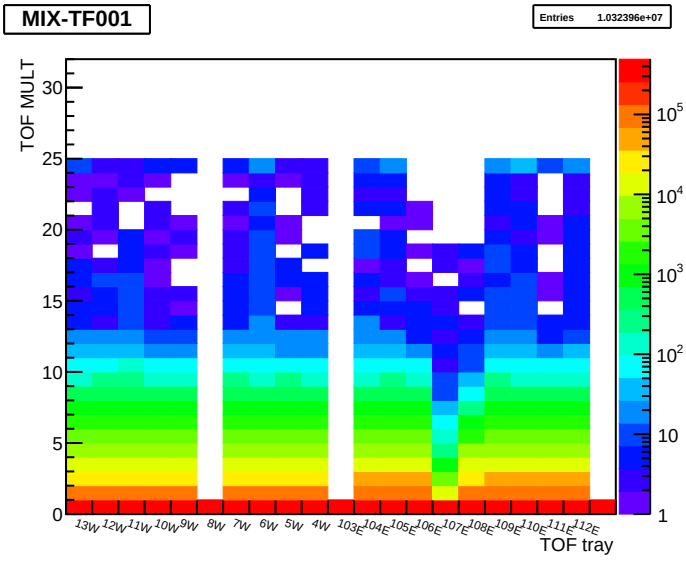
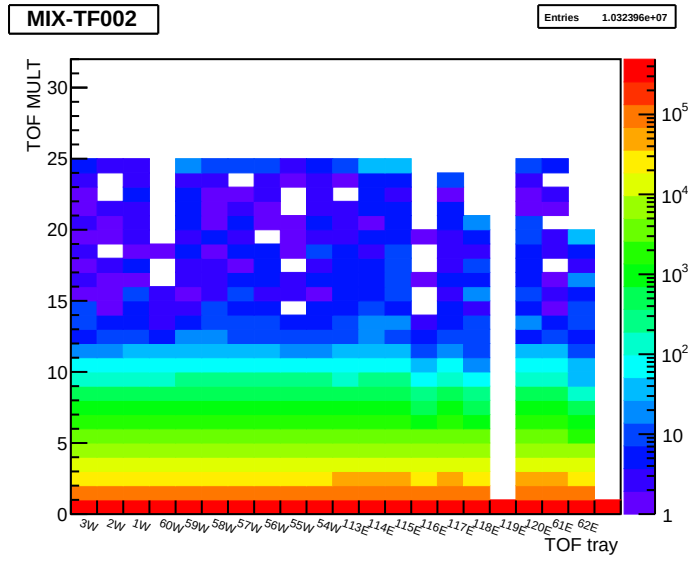
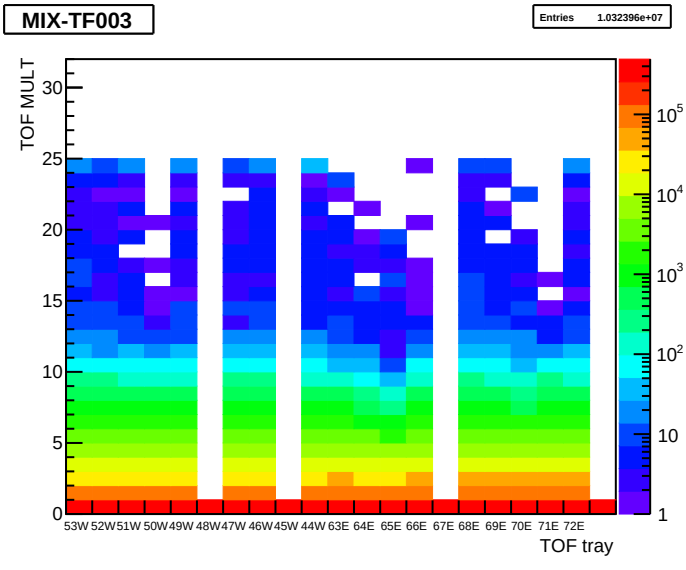

BunchId7Bit (BBC-TAC)
Entries 107533

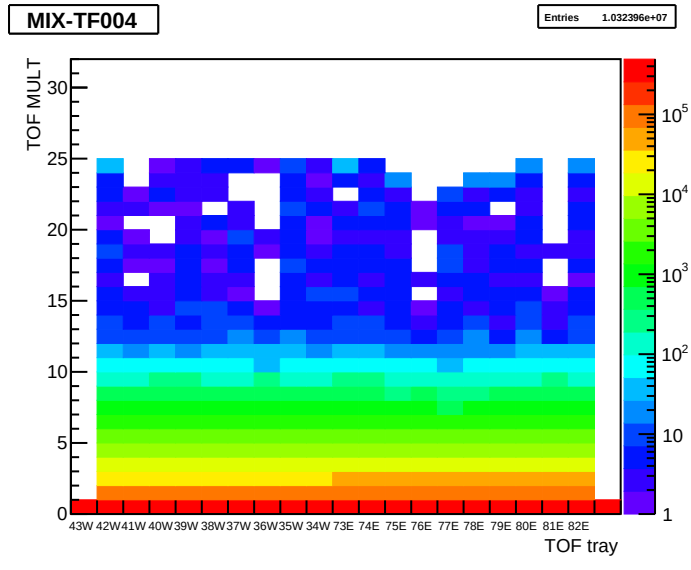

BunchId7Bit (Laser)
Entries 0

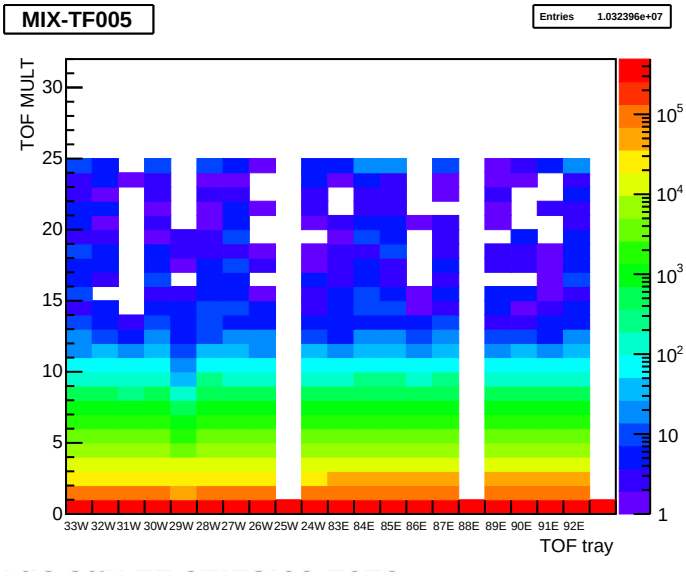

BunchId7Bit (TOFmult window)
Entries 23642

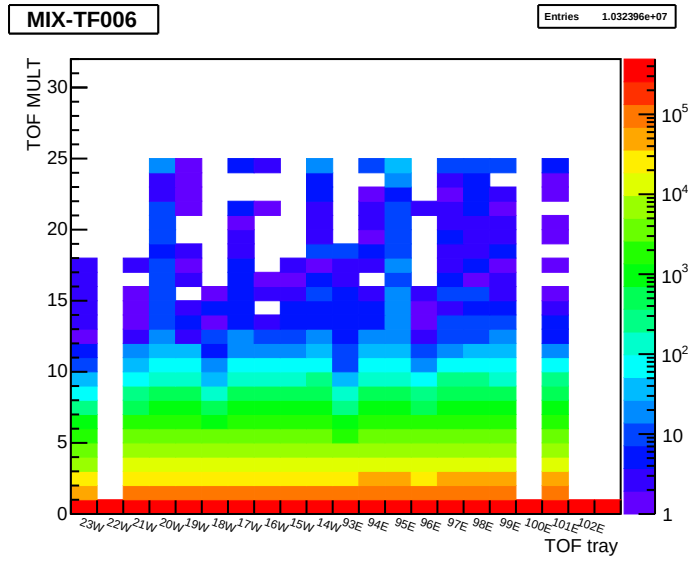

MIX-TF001
Entries 1.032396e+07
TOF MULT
TOF tray

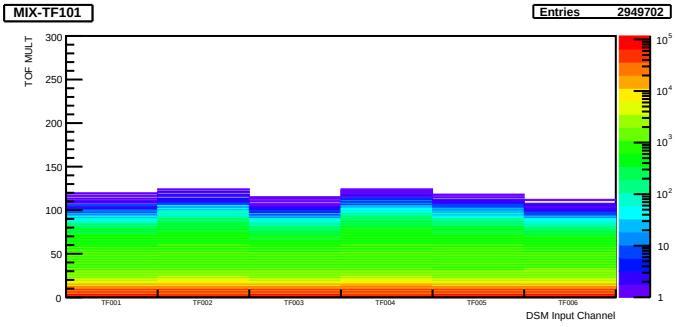

MIX-TF002
Entries 1.032396e+07
TOF MULT
TOF tray

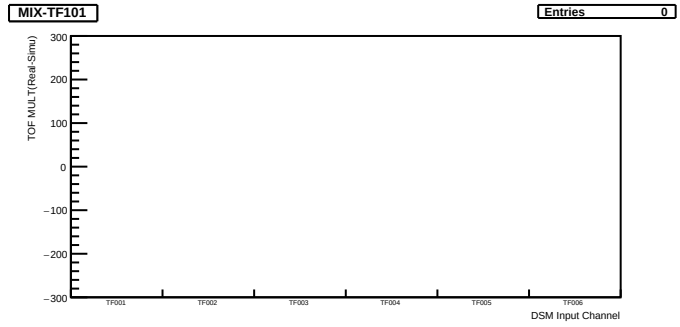

MIX-TF003
Entries 1.032396e+07
TOF MULT
TOF tray

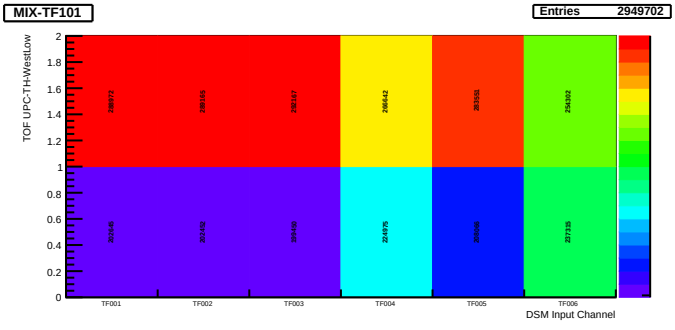

MIX-TF004
Entries 1.032396e+07
TOF MULT
TOF tray

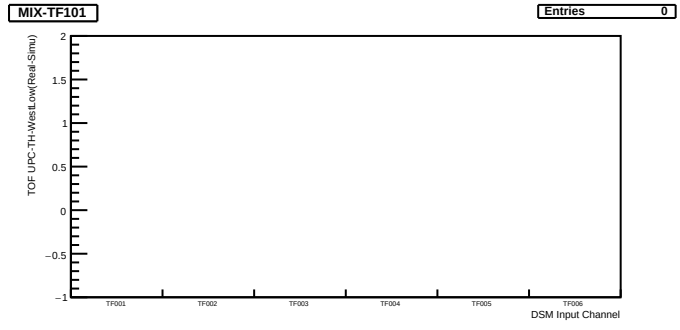

MIX-TF005
Entries 1.032396e+07
TOF MULT
TOF tray

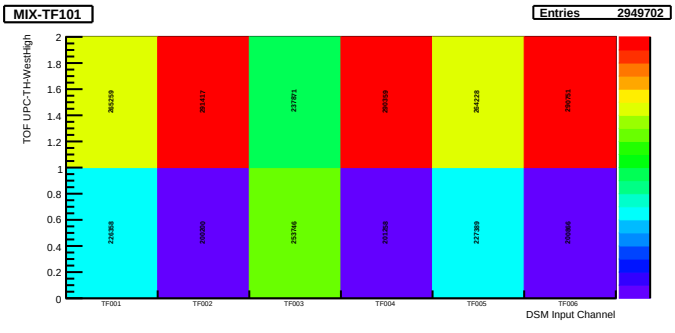

MIX-TF006
Entries 1.032396e+07
TOF MULT
TOF tray

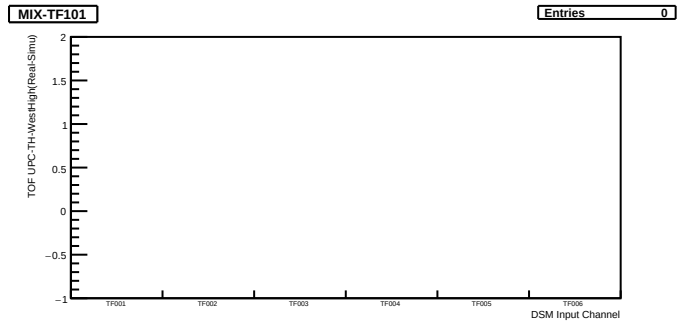

MIX-TF101
Entries 2949702
TOF MULT
DSM Input Channel

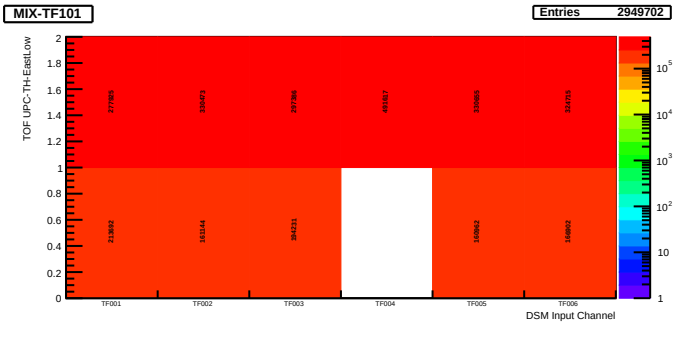

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel

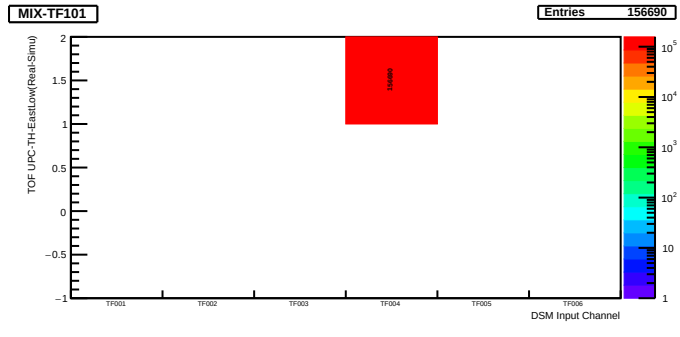

MIX-TF101
Entries 2949702
TOF UPC-TH-WestLow
DSM Input Channel

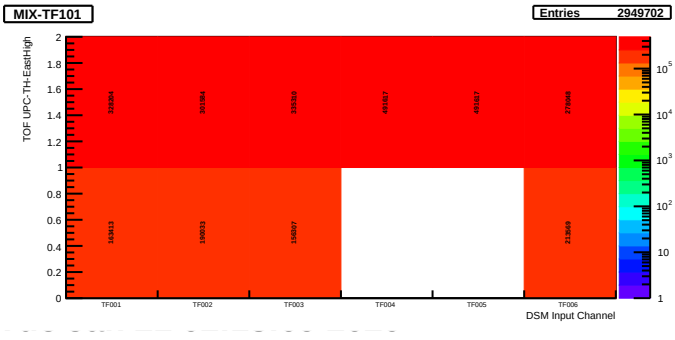

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

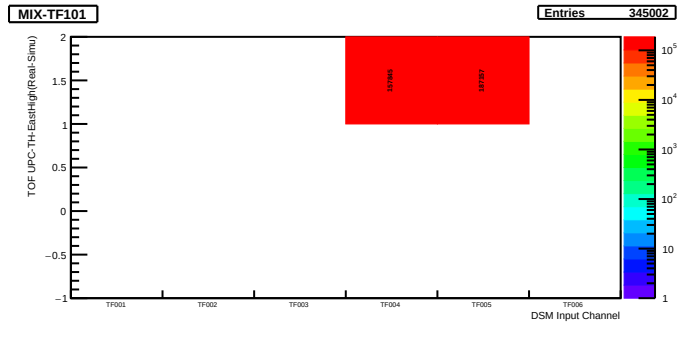

MIX-TF101
Entries 2949702
TOF UPC-TH-WestHigh
DSM Input Channel

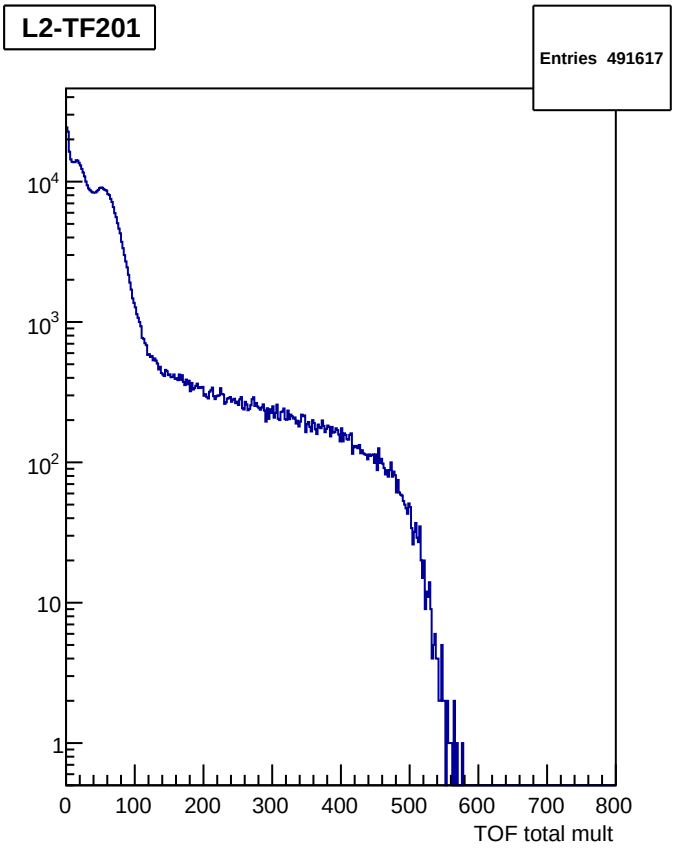

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

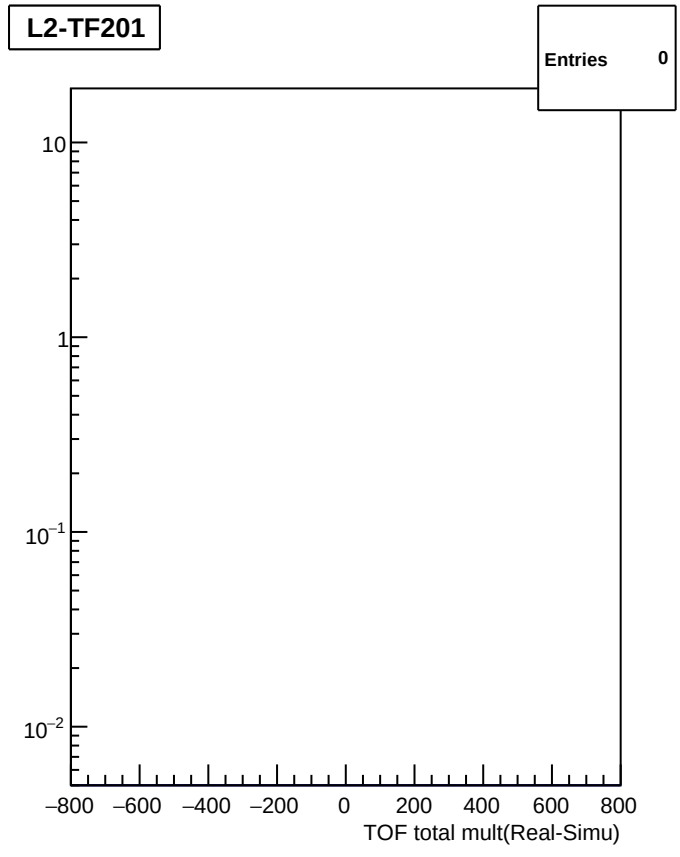

MIX-TF101
Entries 2949702
TOF UPC-TH-EastLow
DSM Input Channel

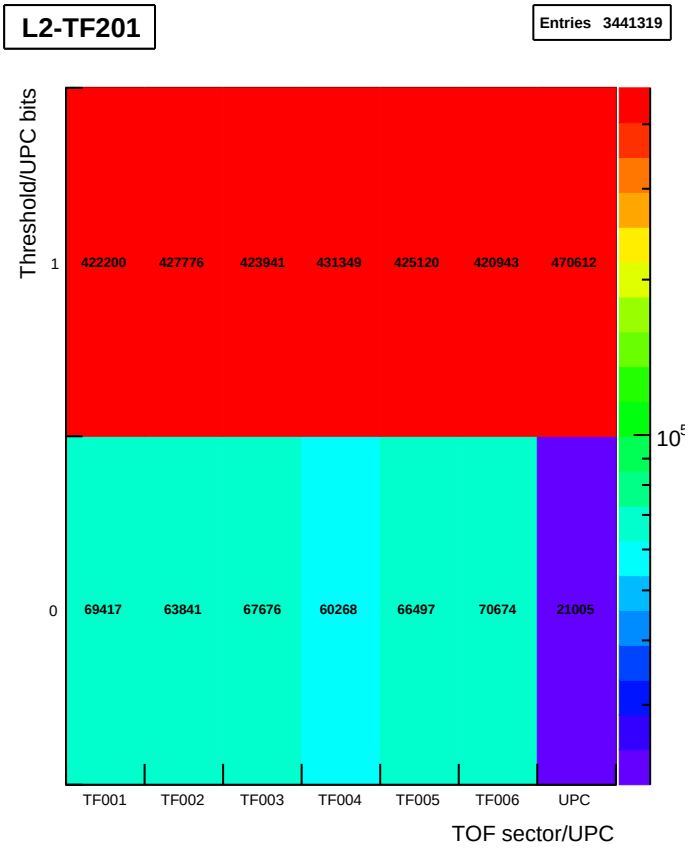

MIX-TF101
Entries 156690
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

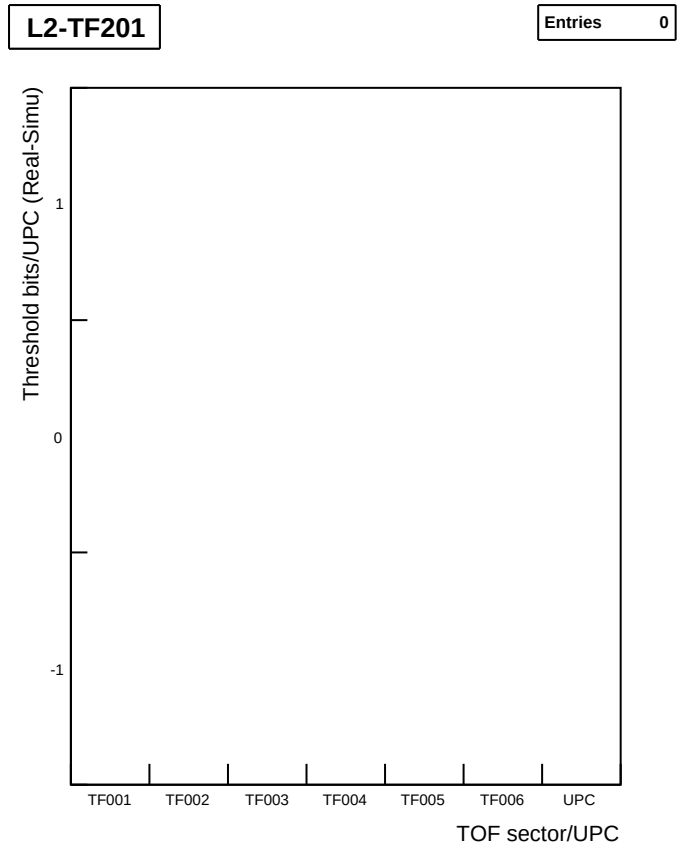

MIX-TF101
Entries 2949702
TOF UPC-TH-EastHigh
DSM Input Channel

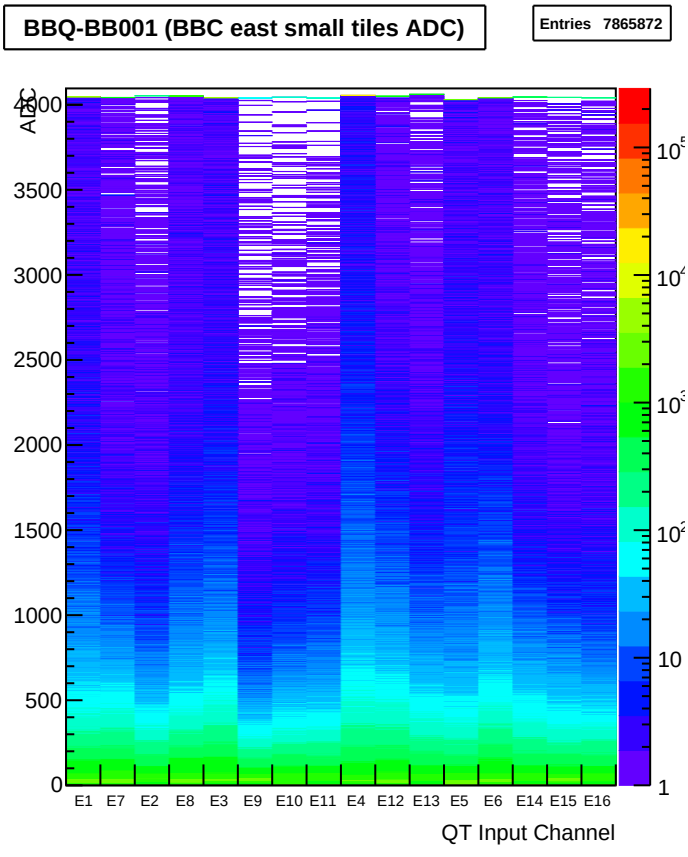

MIX-TF101
Entries 345002
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

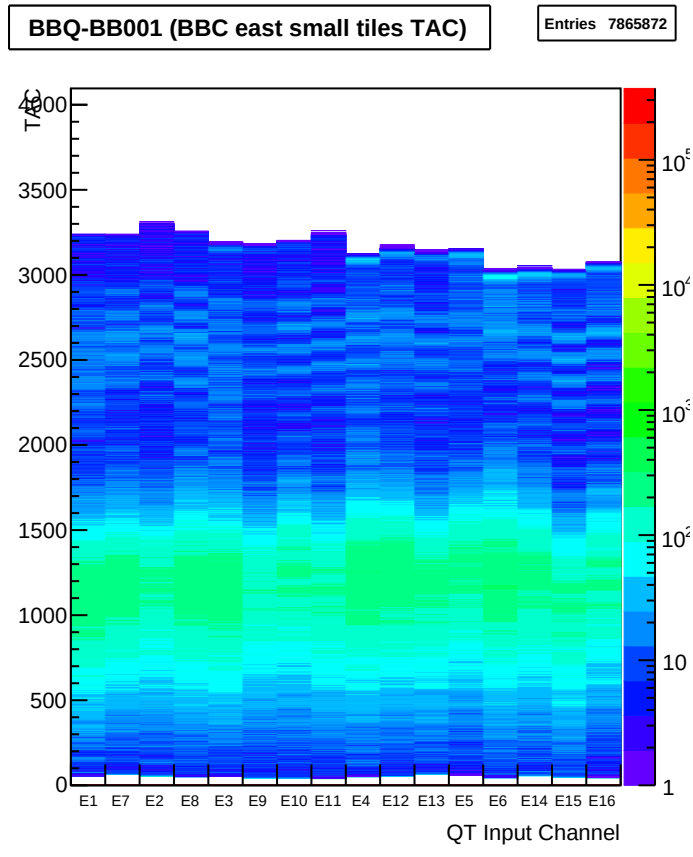

L2-TF201
Entries 491617
TOF total mult

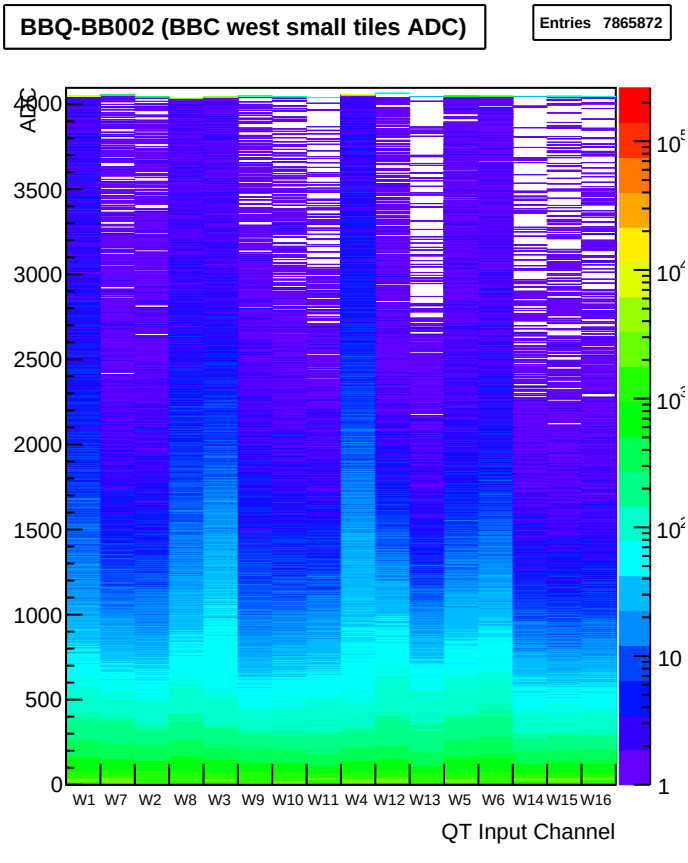

L2-TF201
Entries 0
TOF total mult(Real-Simu)

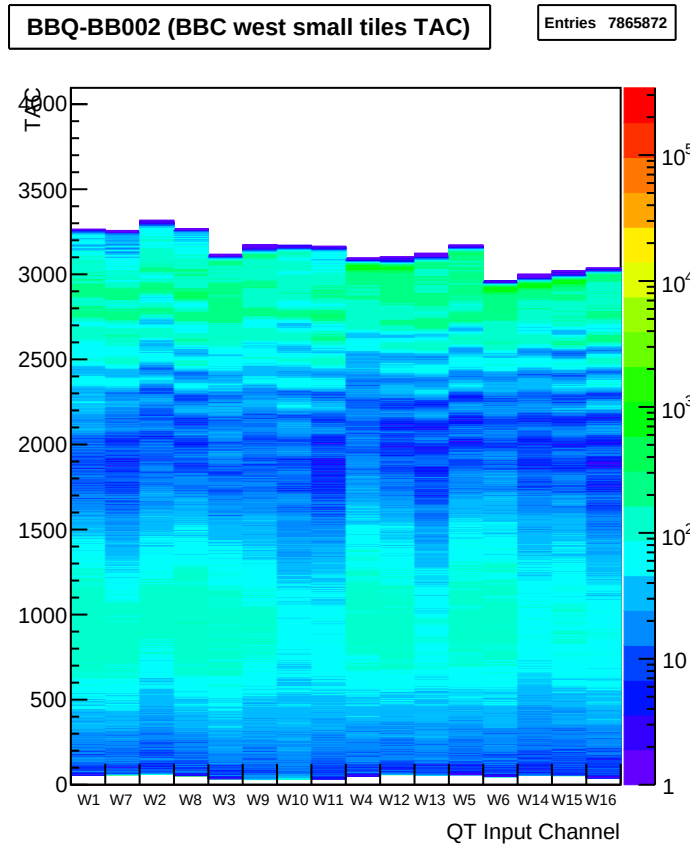

L2-TF201
Entries 3441319
Threshold/UPC bits
422200
427776
423941
431349
425120
420943
470612
69417
63841
67676
60268
66497
70674
21005
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

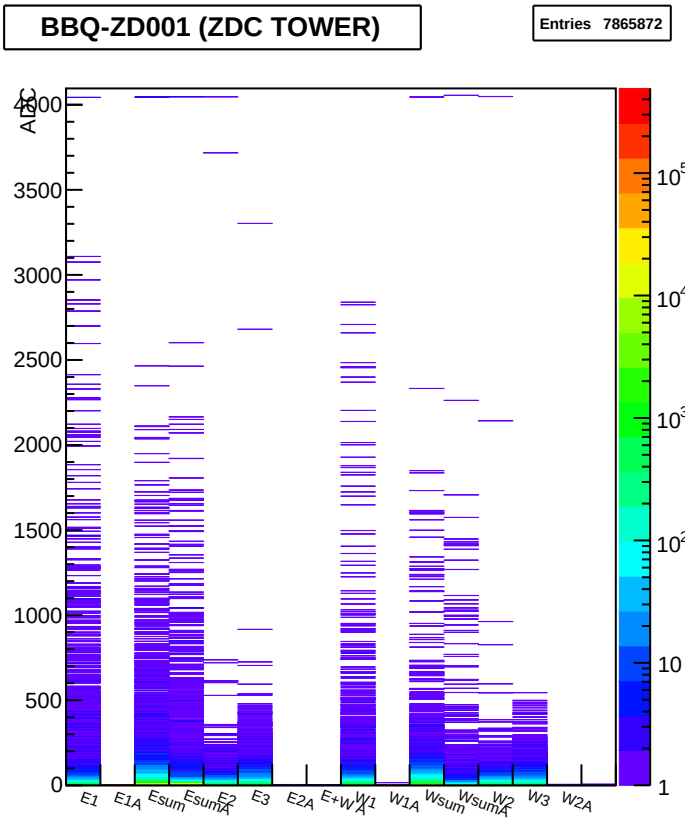

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

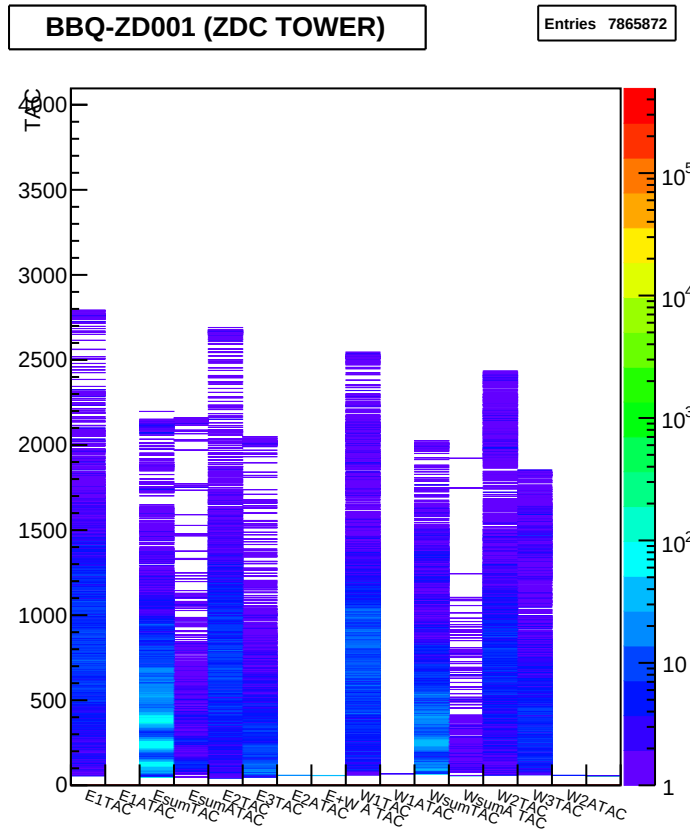

BBQ-BB001 (BBC east small tiles ADC)
Entries 7865872
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

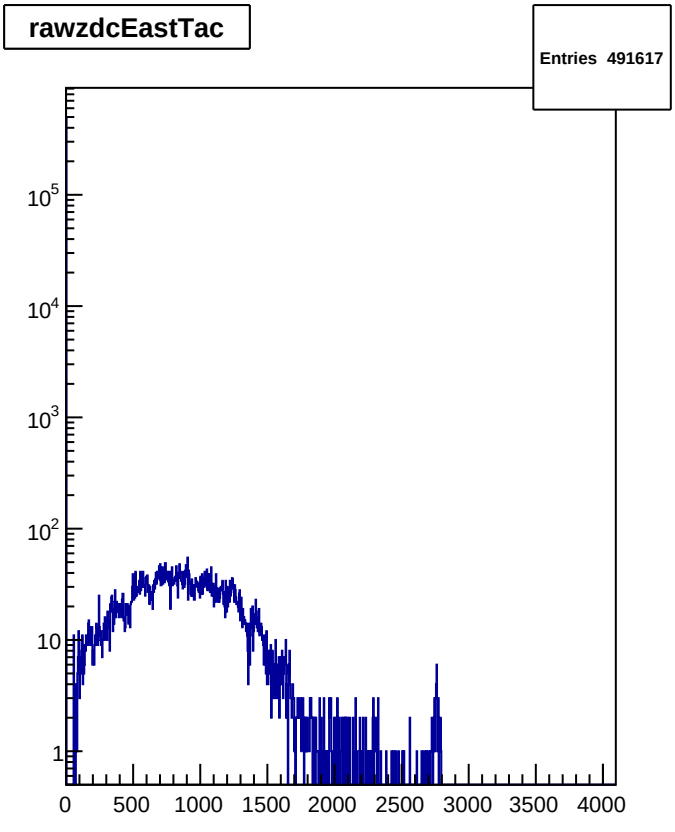

BBQ-BB001 (BBC east small tiles TAC)
Entries 7865872
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

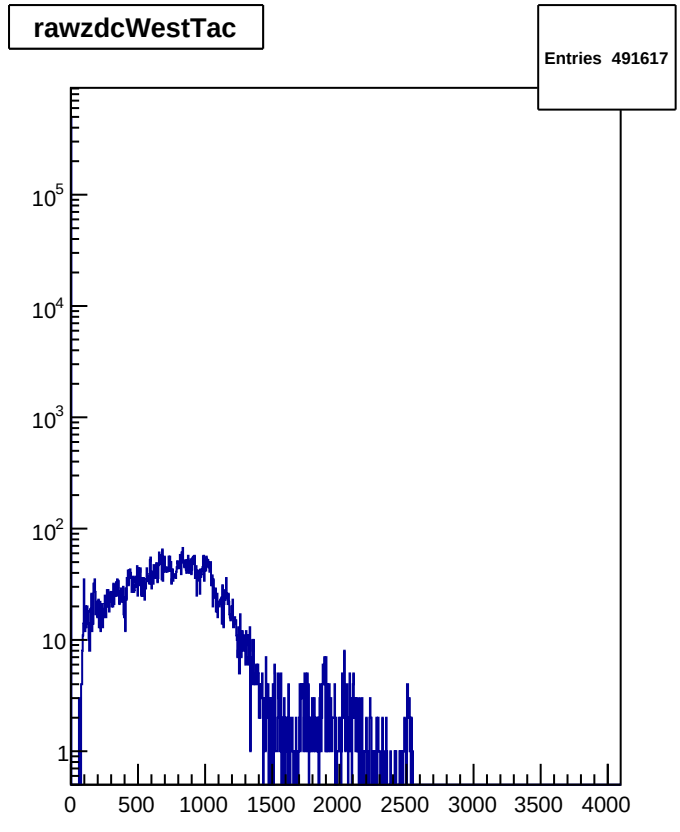

BBQ-BB002 (BBC west small tiles ADC)
Entries 7865872
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

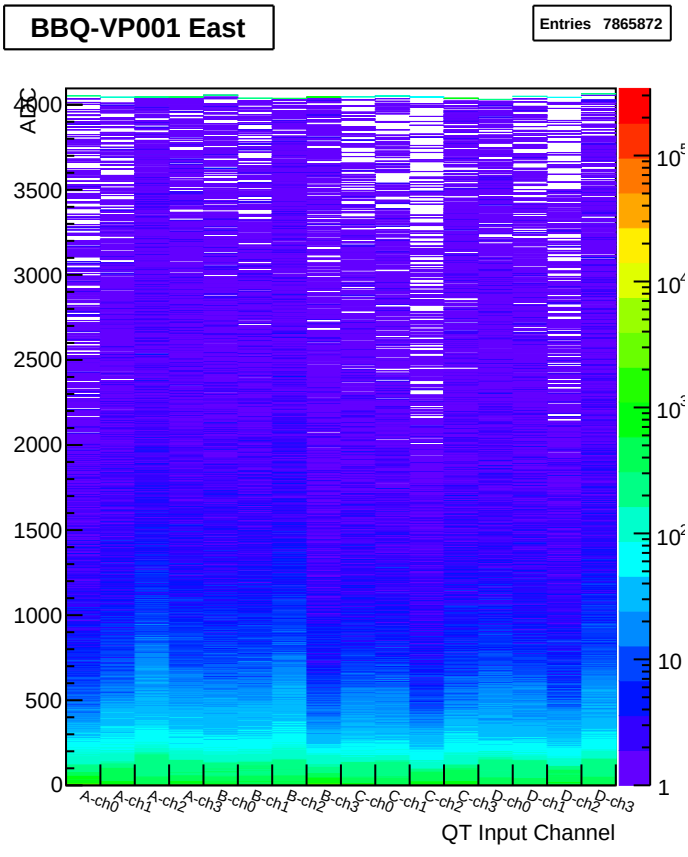

BBQ-BB002 (BBC west small tiles TAC)
Entries 7865872
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

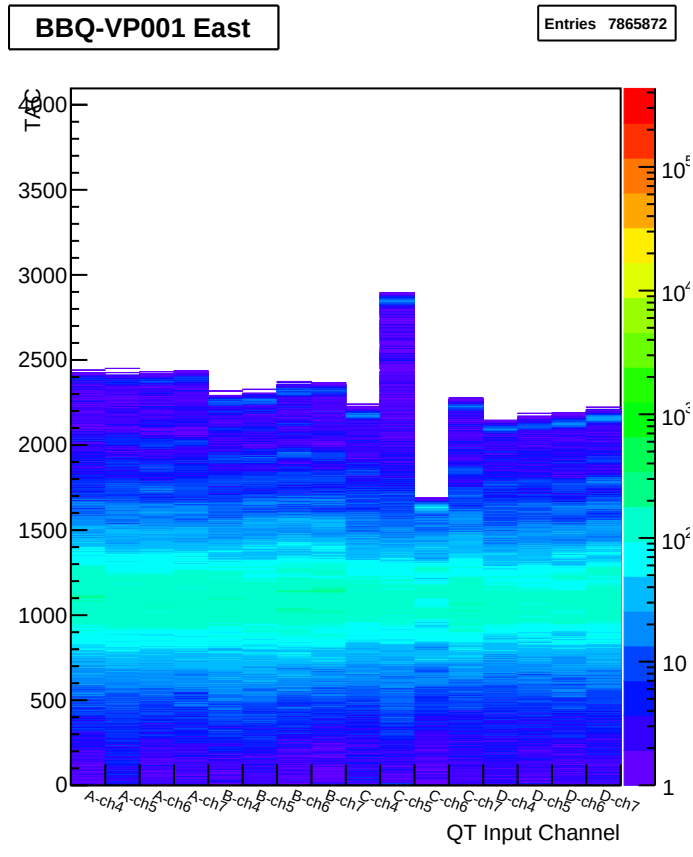

BBQ-ZD001 (ZDC TOWER)
Entries 7865872
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

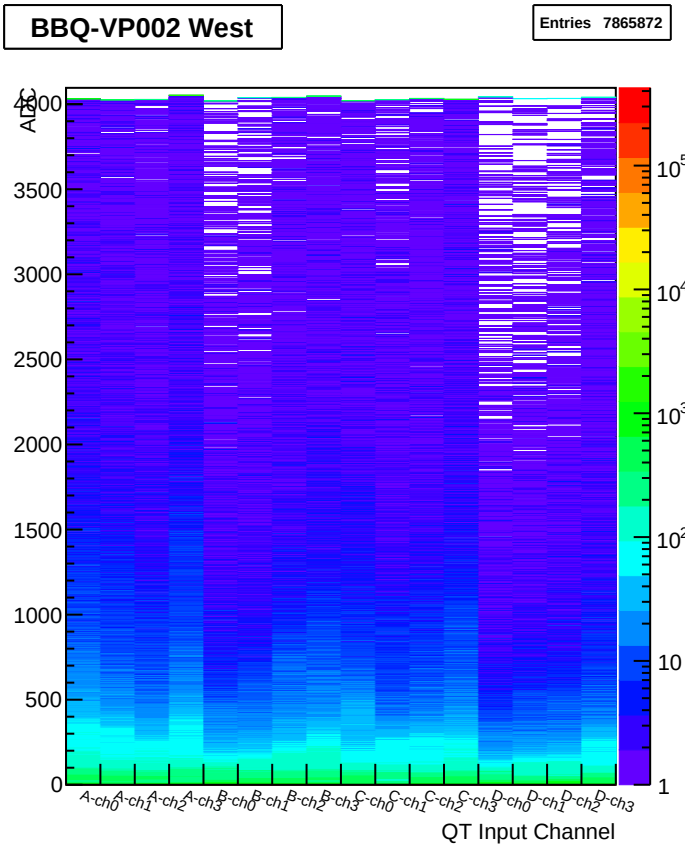

BBQ-ZD001 (ZDC TOWER)
Entries 7865872
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

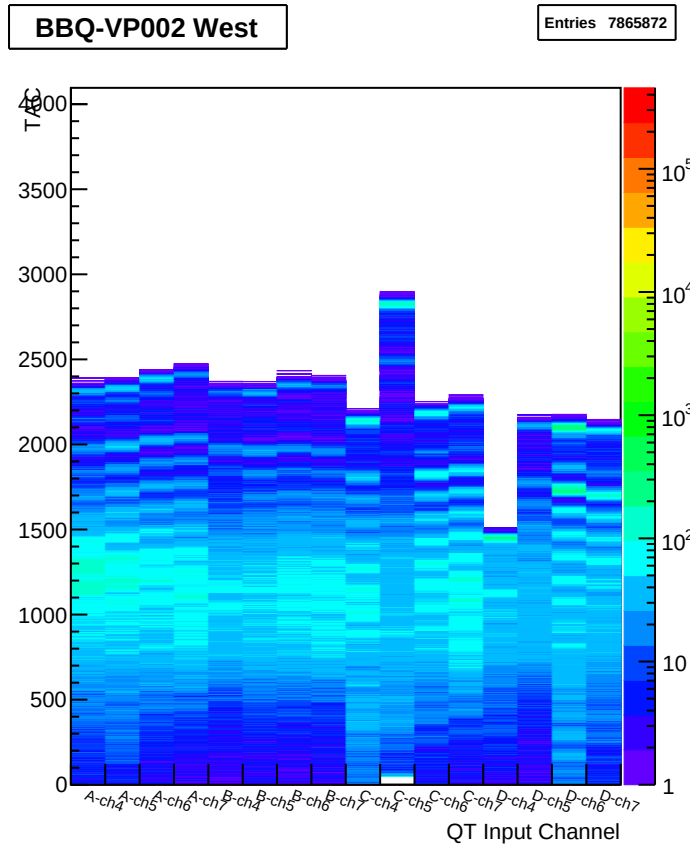

rawzdcEastTac
Entries 491617

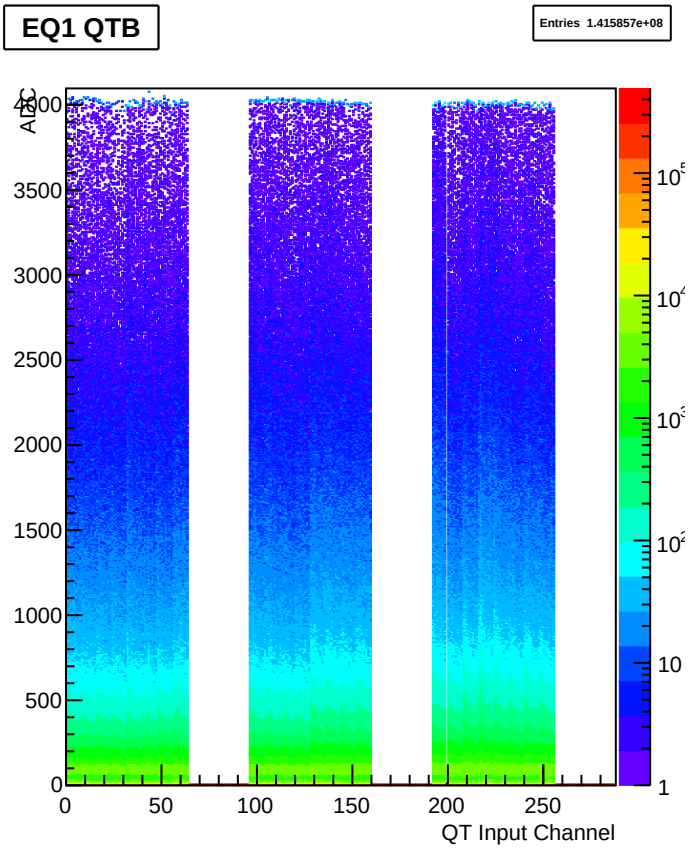

rawzdcWestTac
Entries 491617

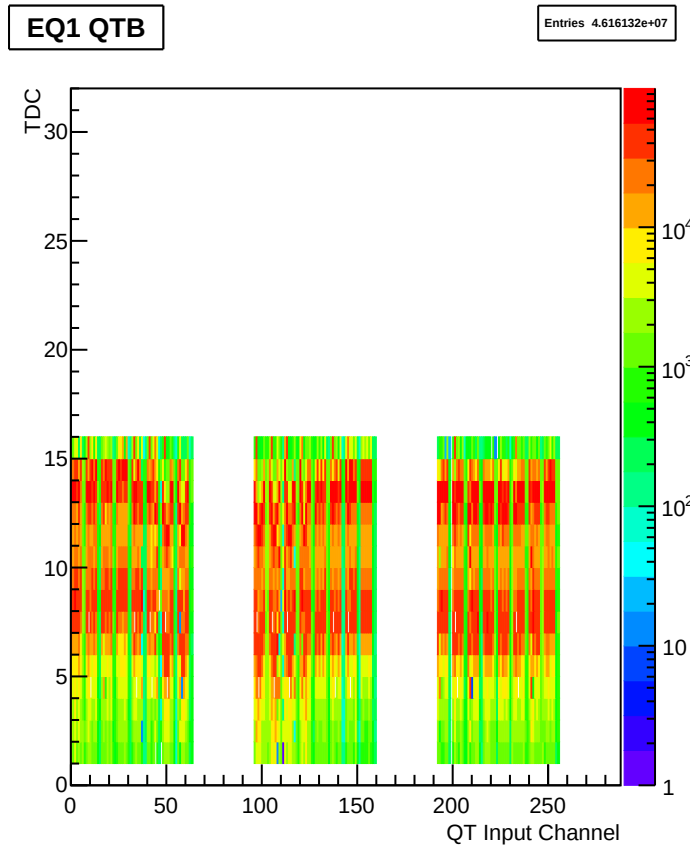

BBQ-VP001 East
Entries 7865872
ADC
QT Input Channel

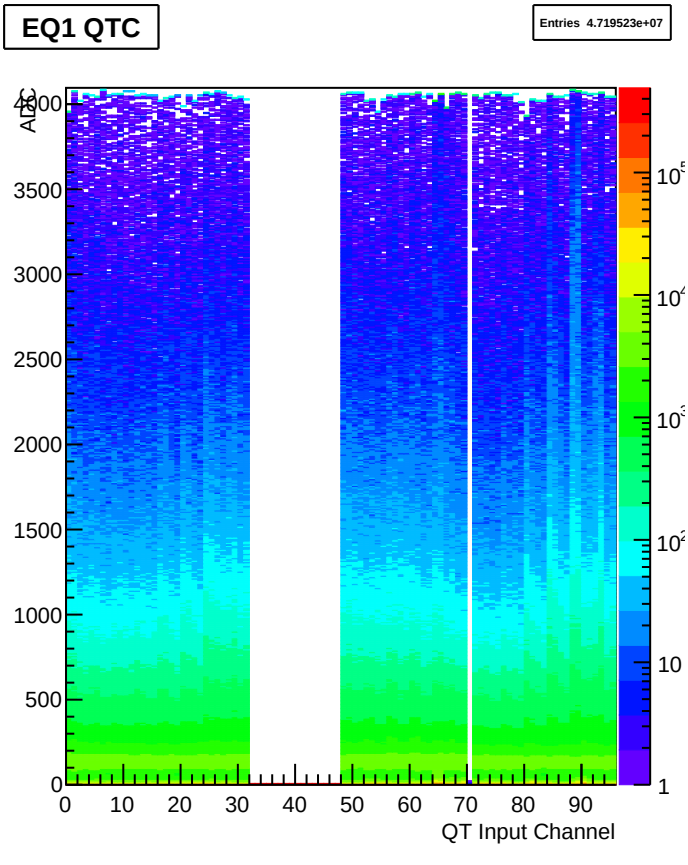

BBQ-VP001 East
Entries 7865872
ADC
QT Input Channel

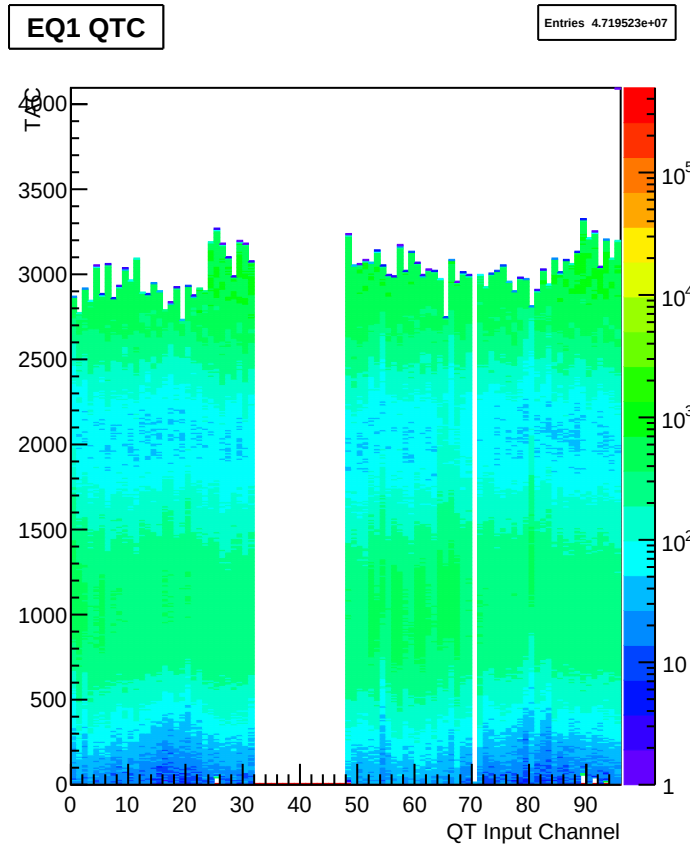

BBQ-VP002 West
Entries 7865872
ADC
QT Input Channel

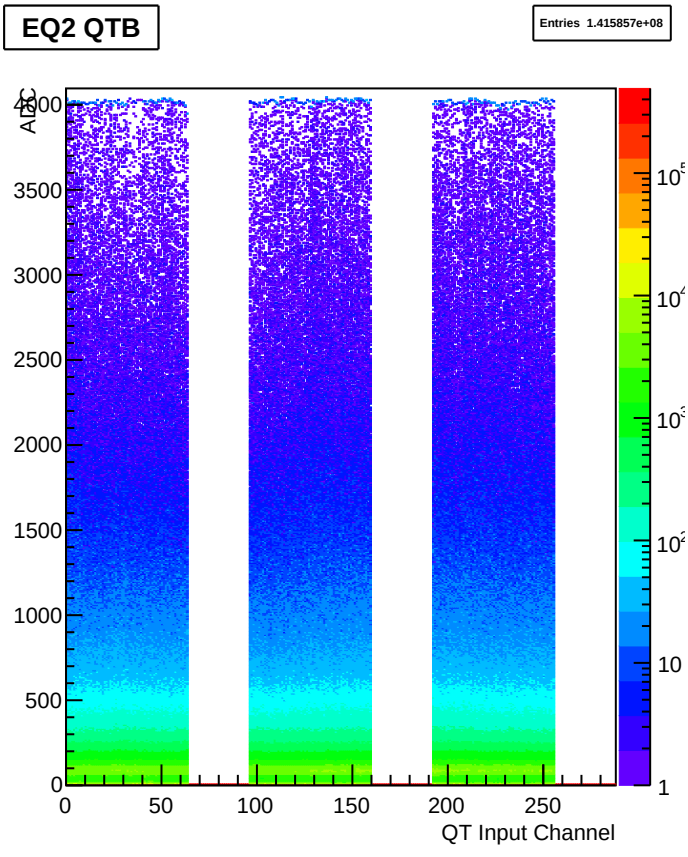

BBQ-VP002 West
Entries 7865872
ADC
QT Input Channel

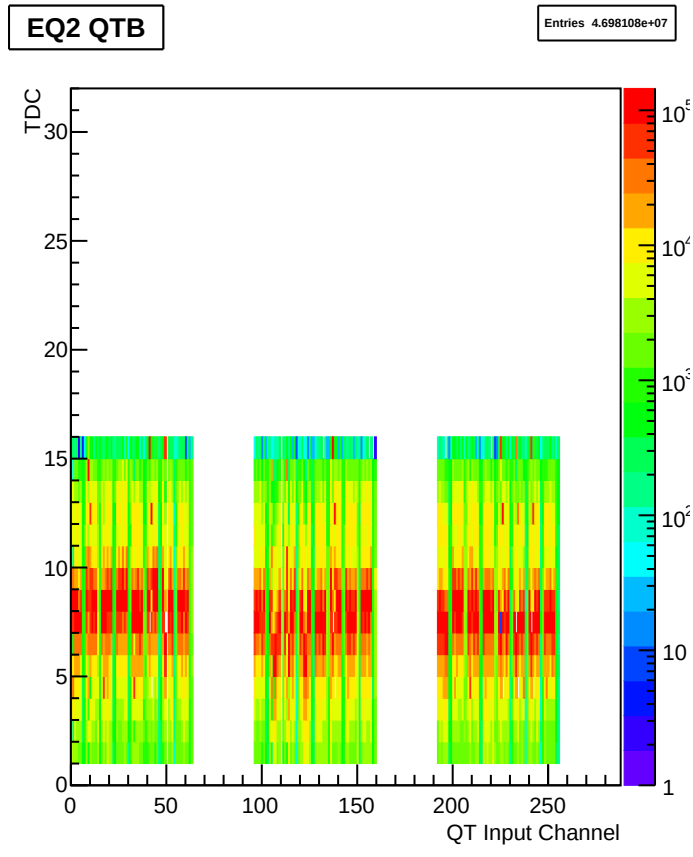

EQ1 QTB
Entries 1.415857e+08
ADC
QT Input Channel

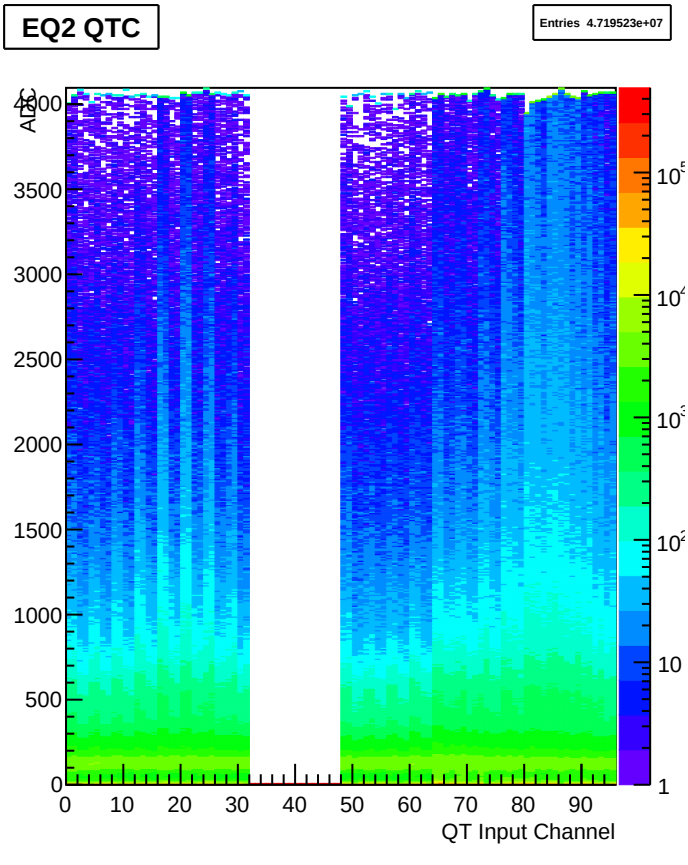

EQ1 QTB
Entries 4.616132e+07
TDC
QT Input Channel

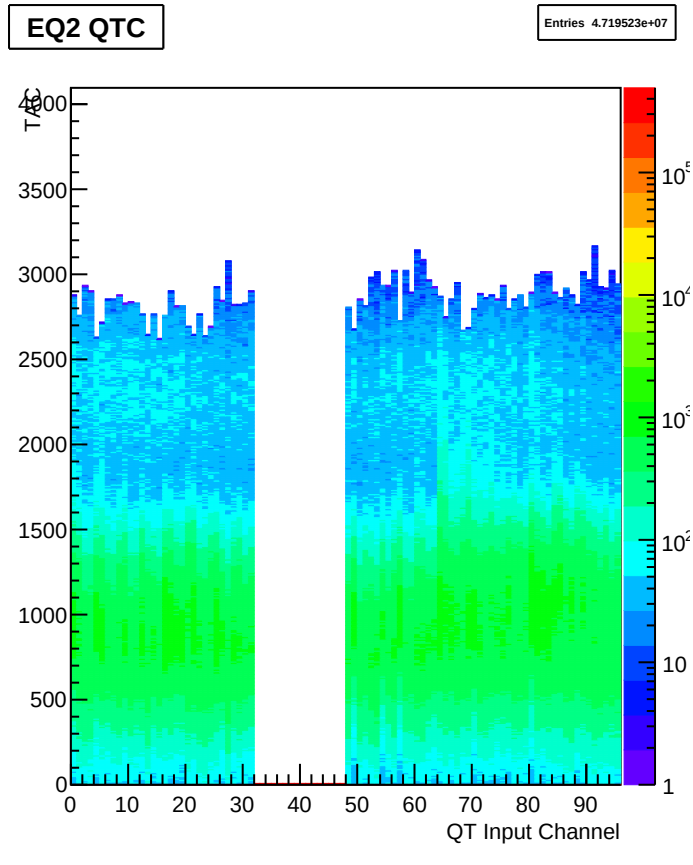

EQ1 QTC
Entries 4.719523e+07
ADC
QT Input Channel

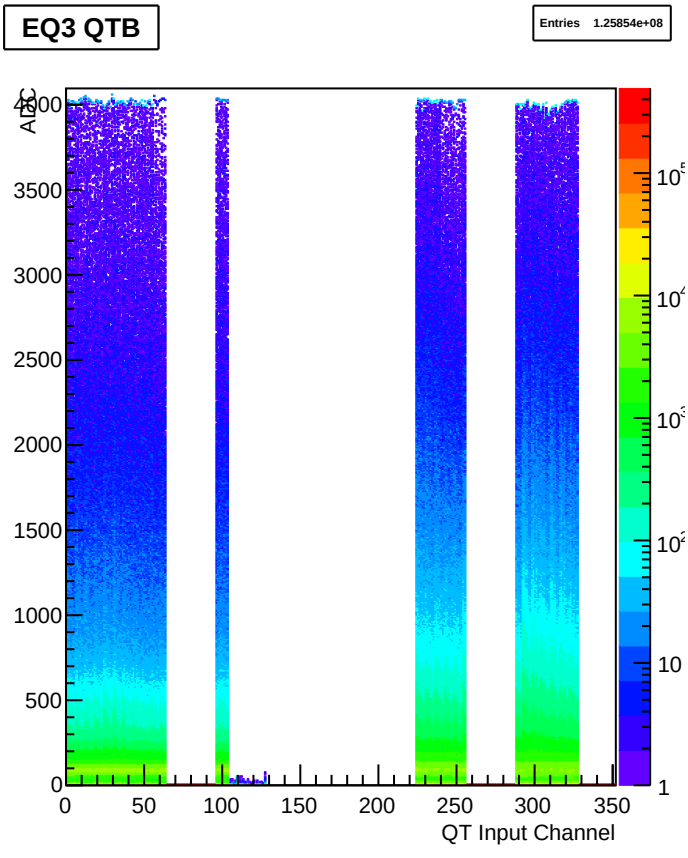

EQ1 QTC
Entries 4.719523e+07
TADC
QT Input Channel

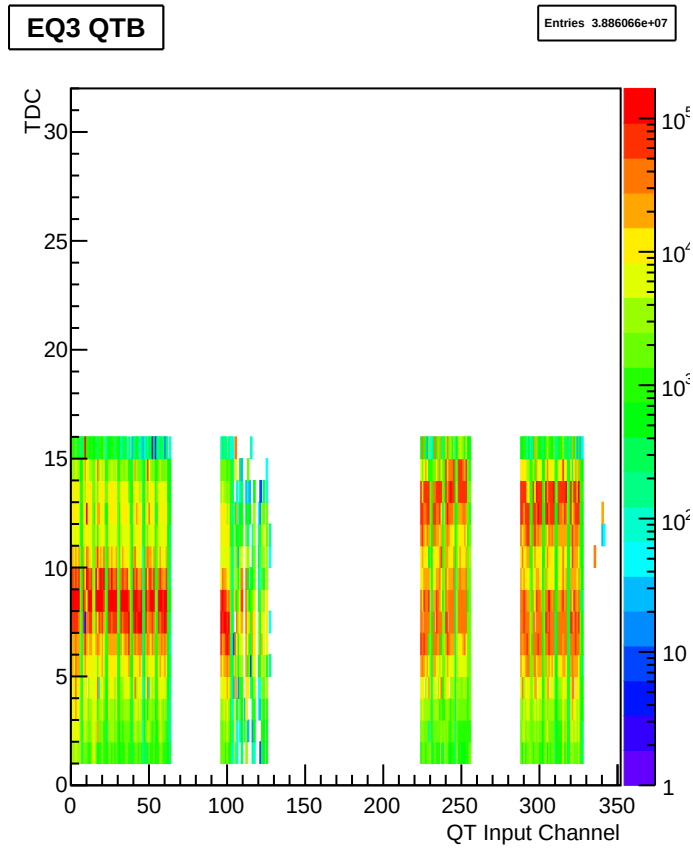

EQ2 QTB
Entries 1.415857e+08
ADC
QT Input Channel

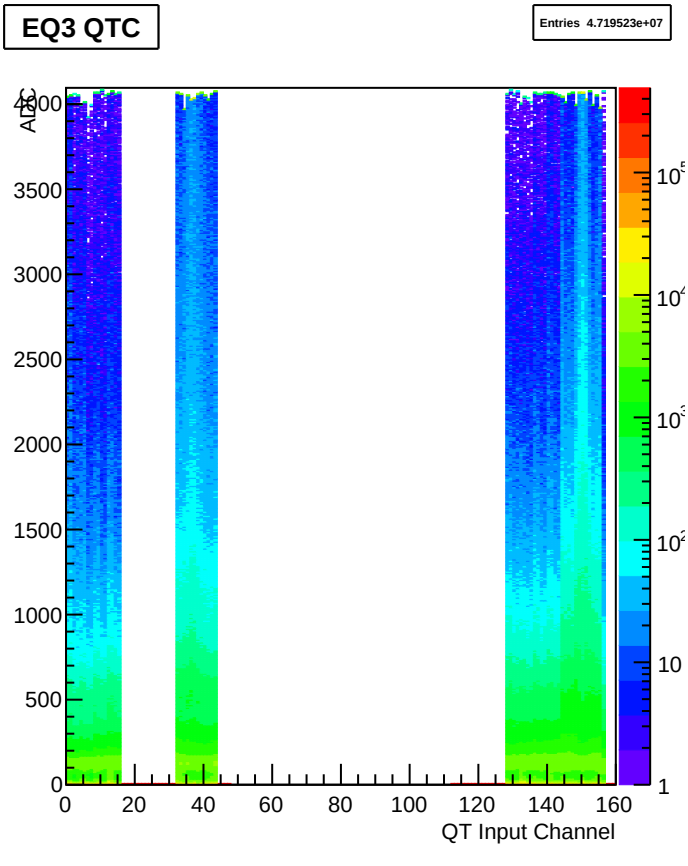

EQ2 QTB
Entries 4.698108e+07
TDC
QT Input Channel

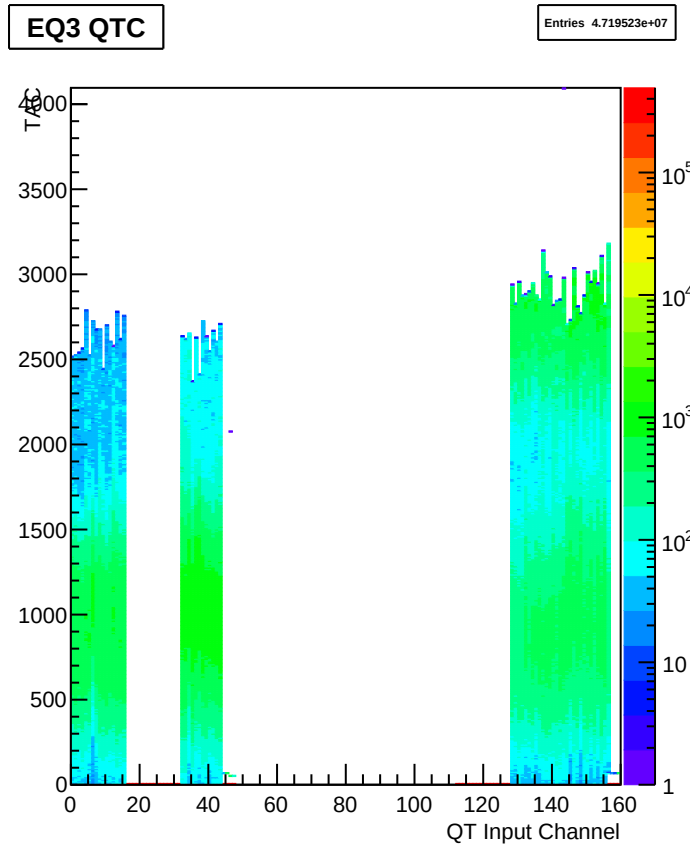

EQ2 QTC
Entries 4.719523e+07
ADC
QT Input Channel

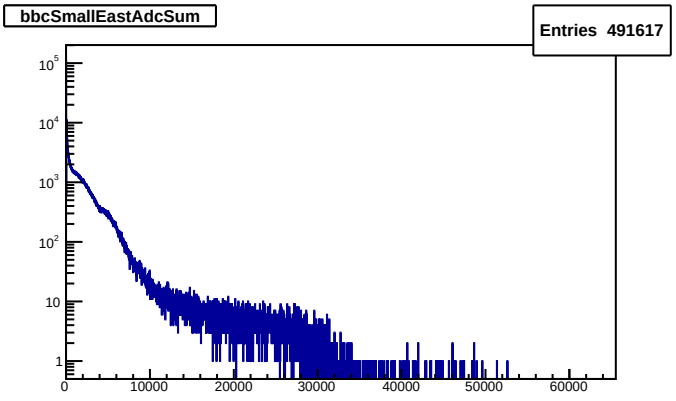

EQ2 QTC
Entries 4.719523e+07
TADC
QT Input Channel

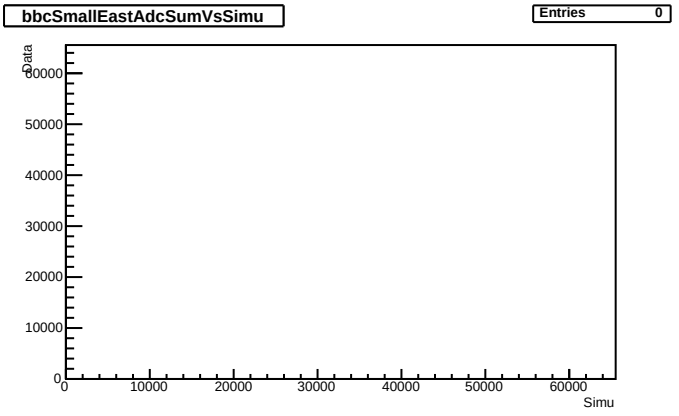

EQ3 QTB
Entries 1.25854e+08
ADC
QT Input Channel

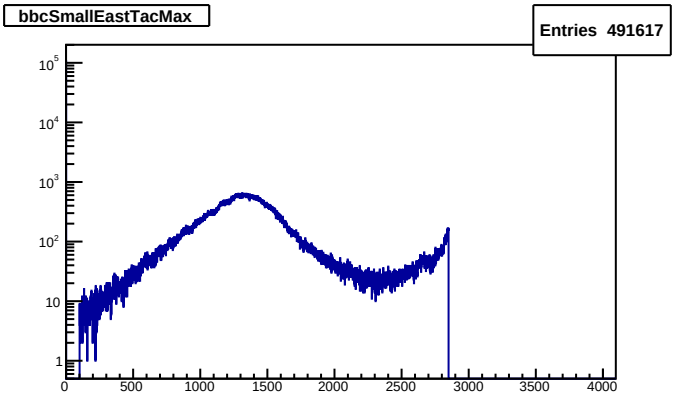

EQ3 QTB
Entries 3.886066e+07
TDC
QT Input Channel

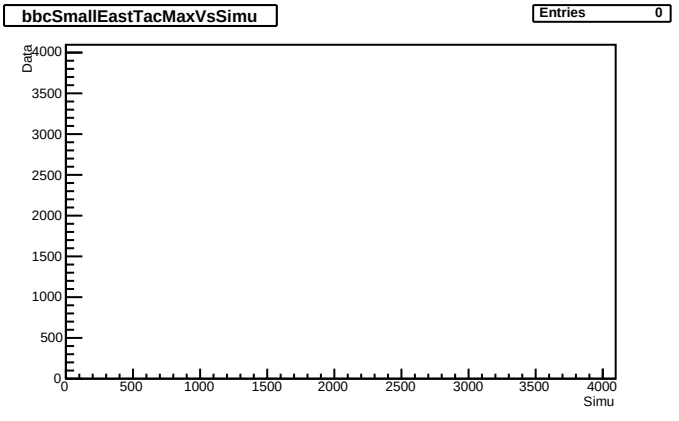

EQ3 QTC
Entries 4.719523e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.719523e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 491617


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 491617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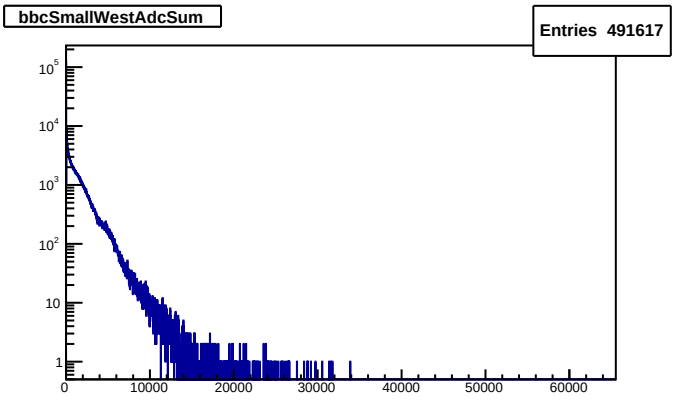
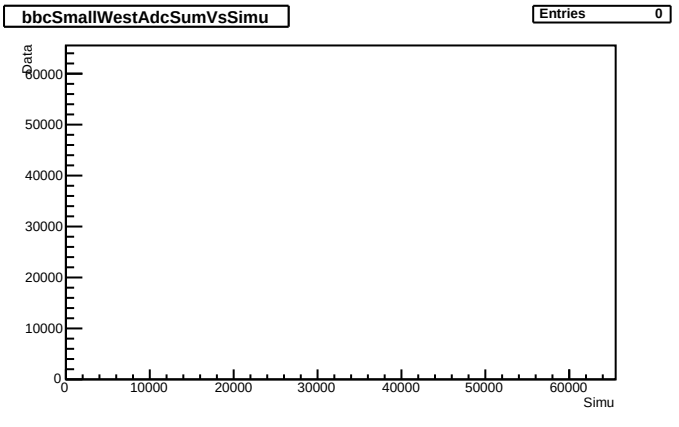
Data
Simu


bbcSmallWestAdcSum
Entries 491617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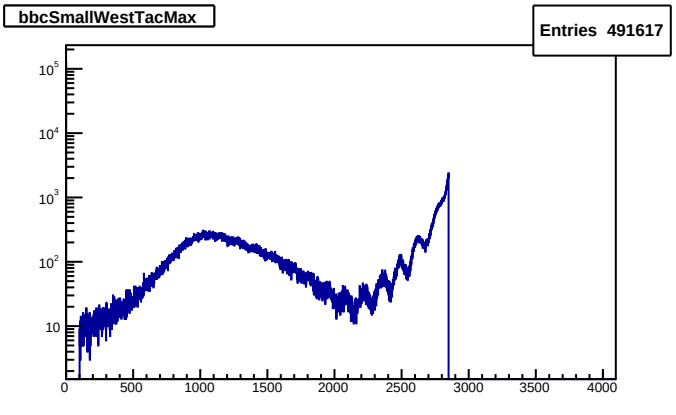
Entries 0
Data
Simu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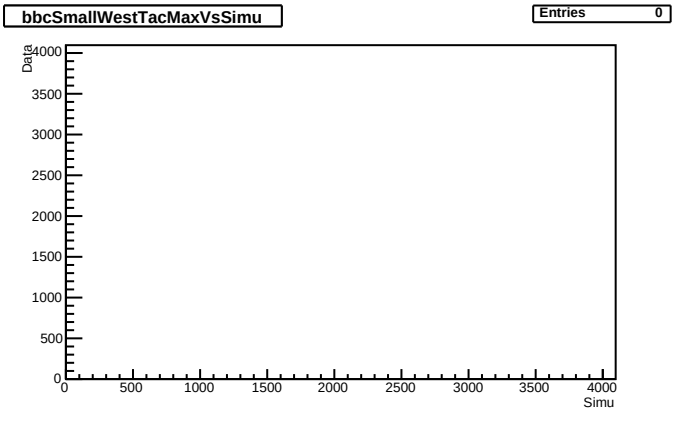
Entries 491617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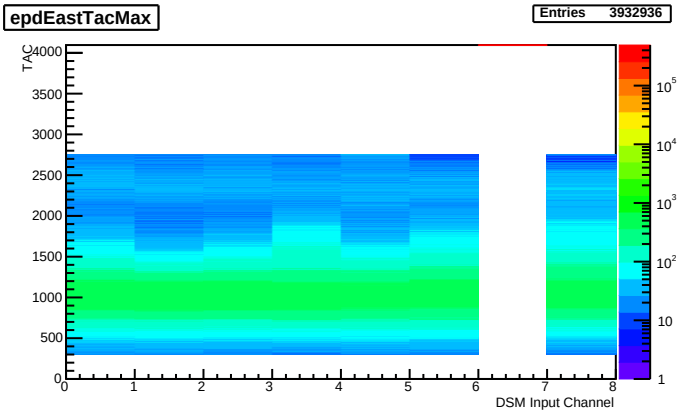
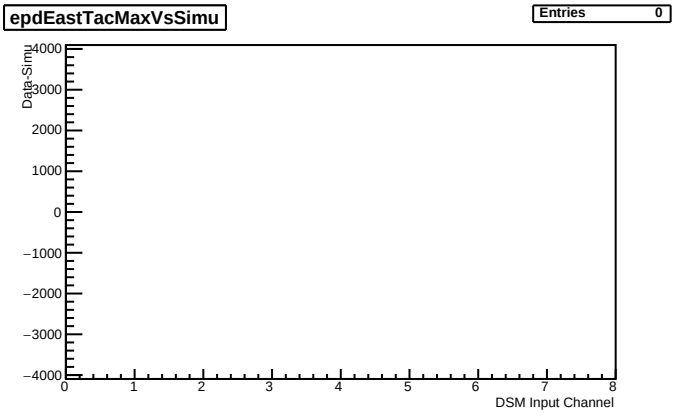
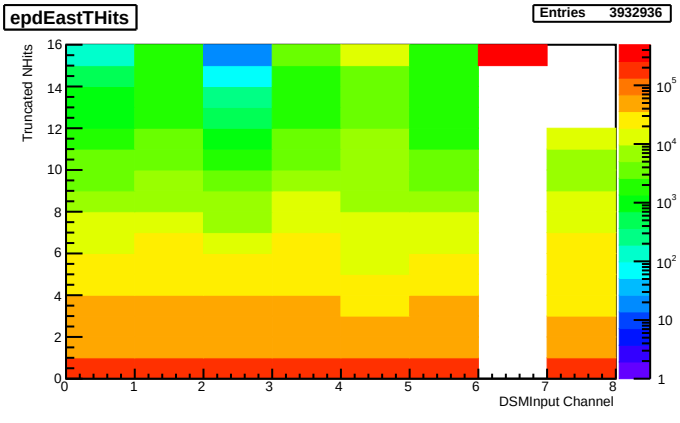
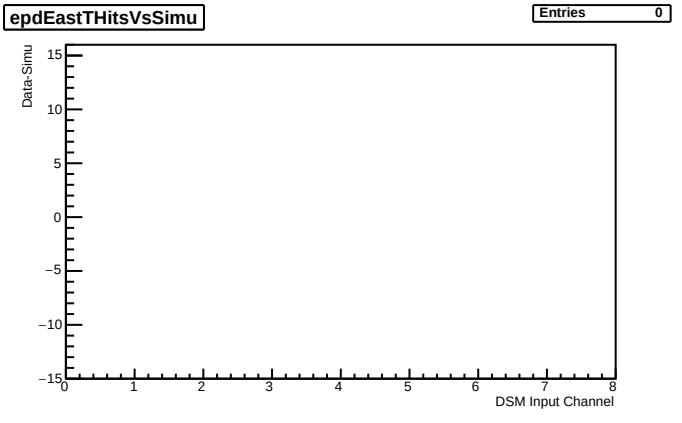
Entries 0
Data
Simu


epdEastTacMax
Entries 3932936
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3932936
Truncated NHits
DSMInput Channel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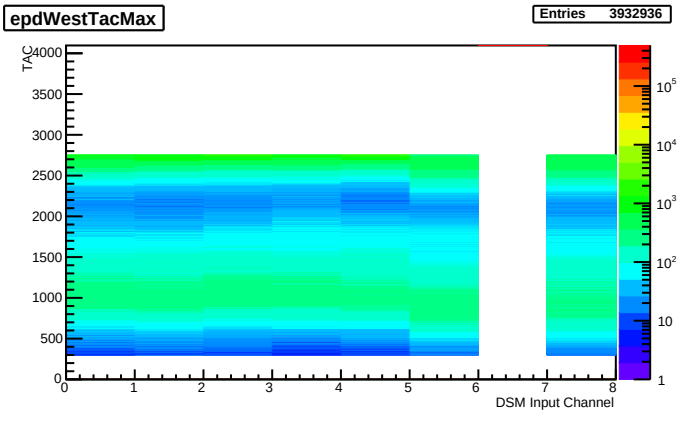
Data-Simu
DSM Input Channel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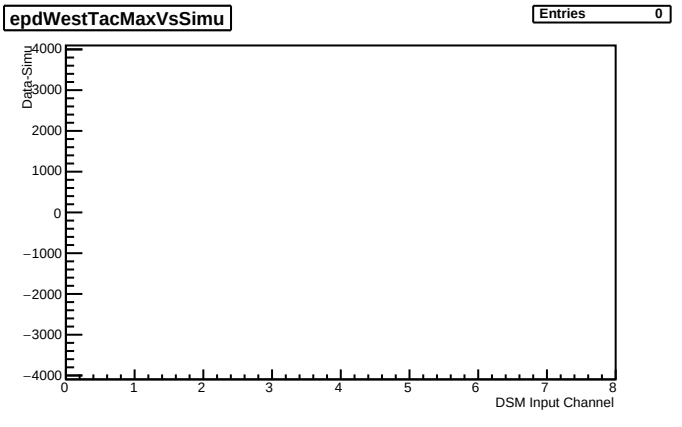
DSM Input Channel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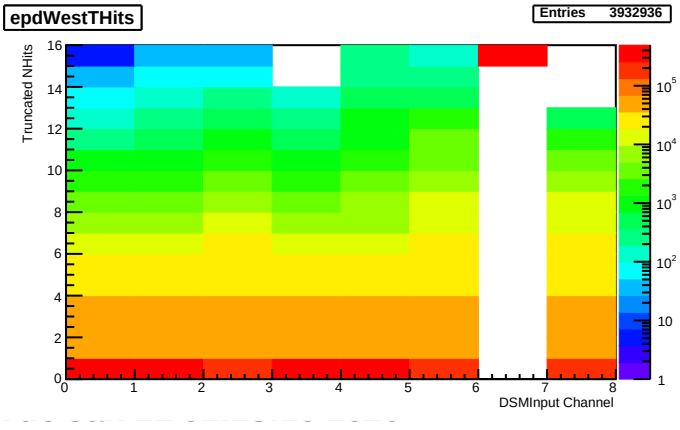
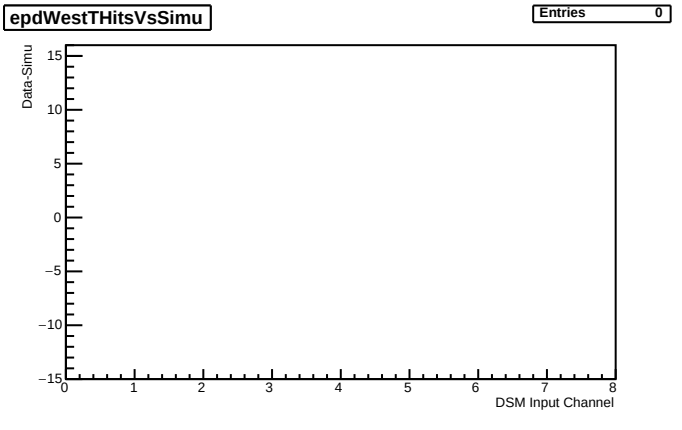
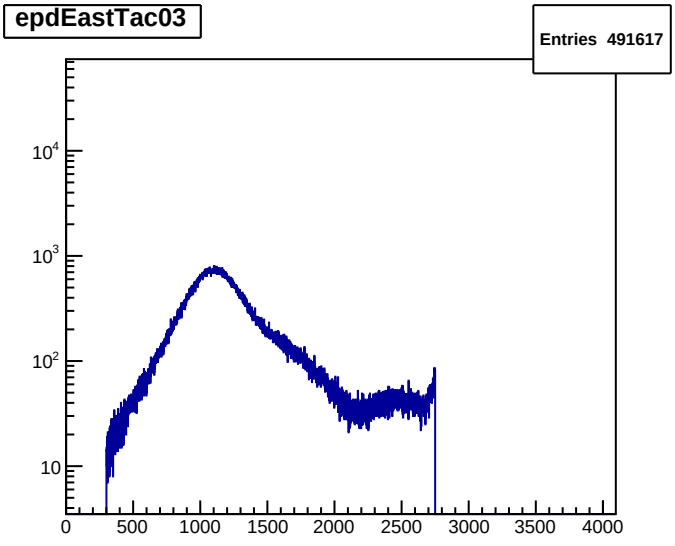
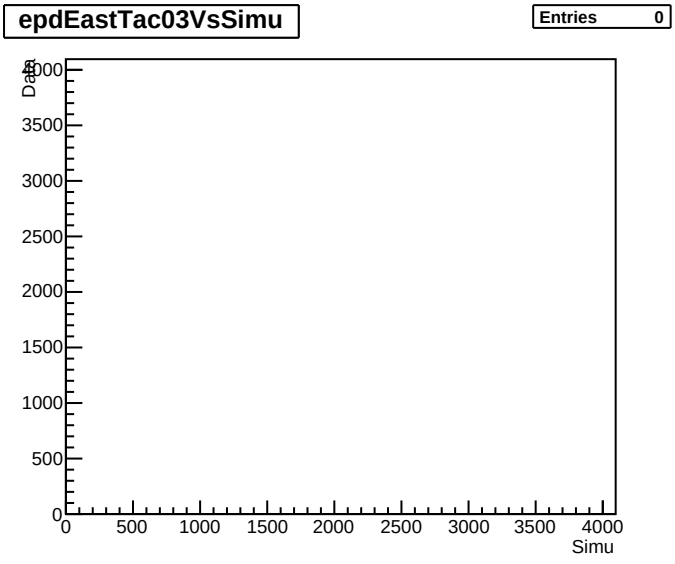
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3932936
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 491617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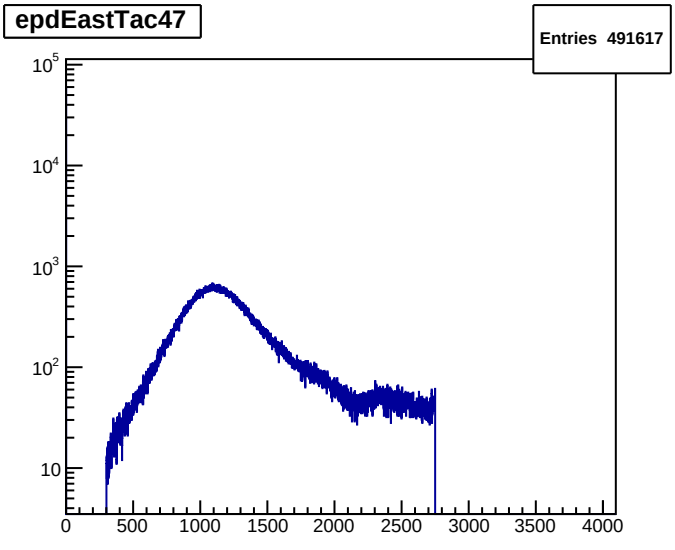
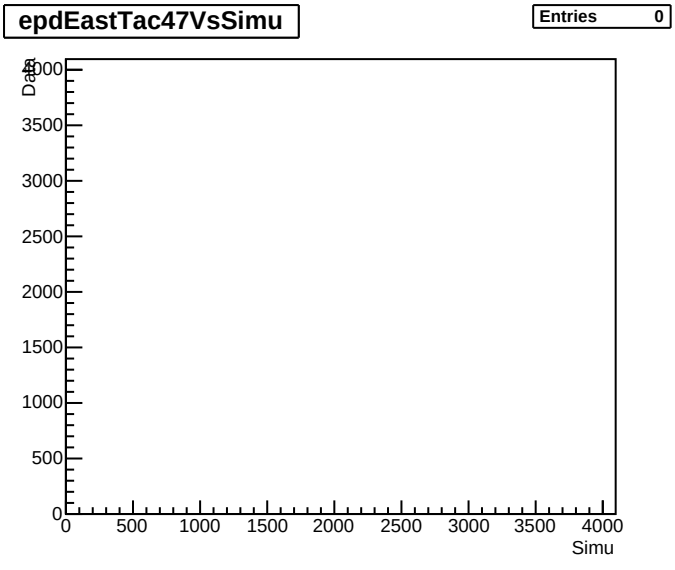
Entries 0
Data
Simu


epdEastTac47
Entries 491617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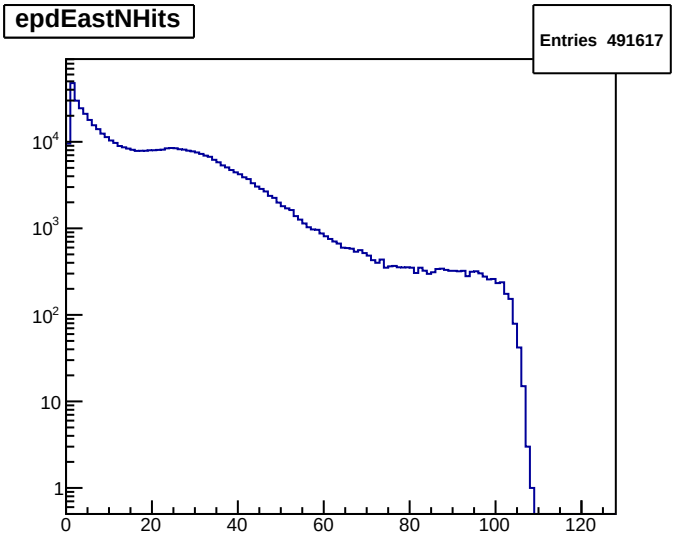
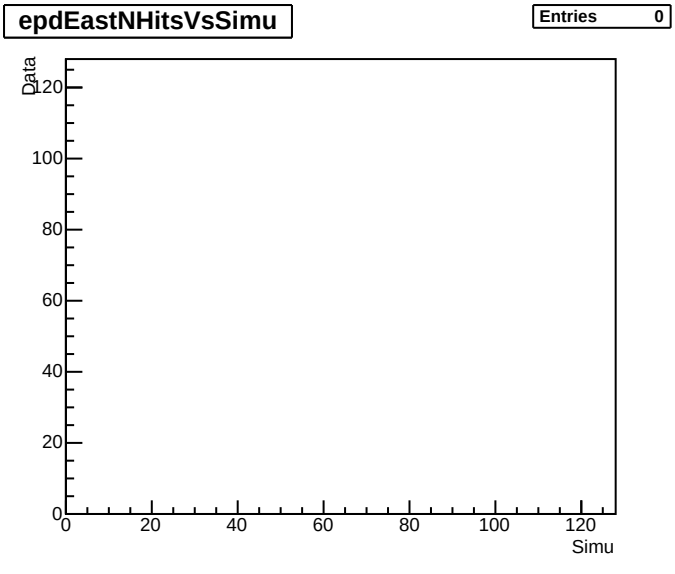
Entries 0
Data
Simu


epdEastNHits
Entries 491617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Data
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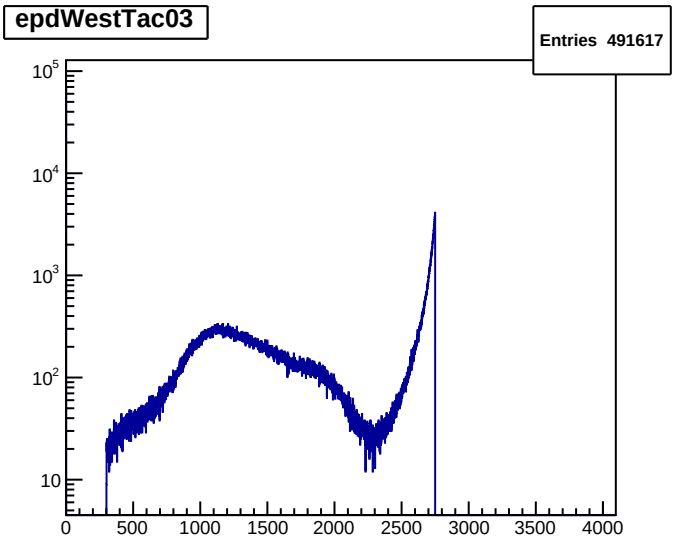
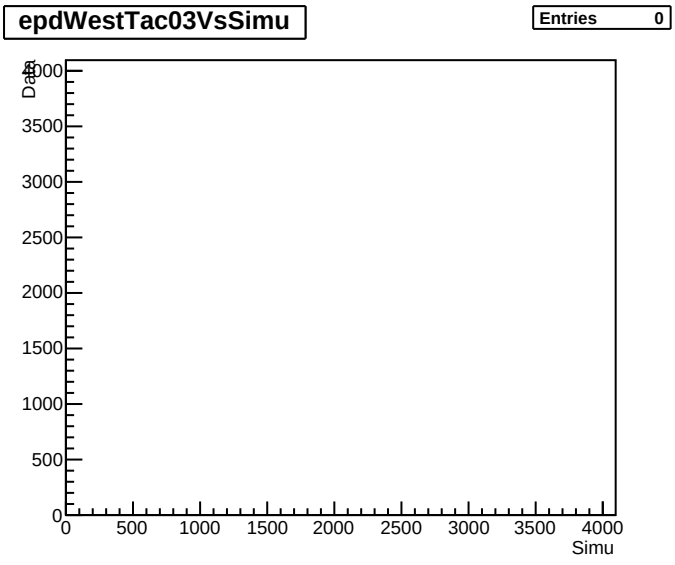

epdWestTac03
Entries 491617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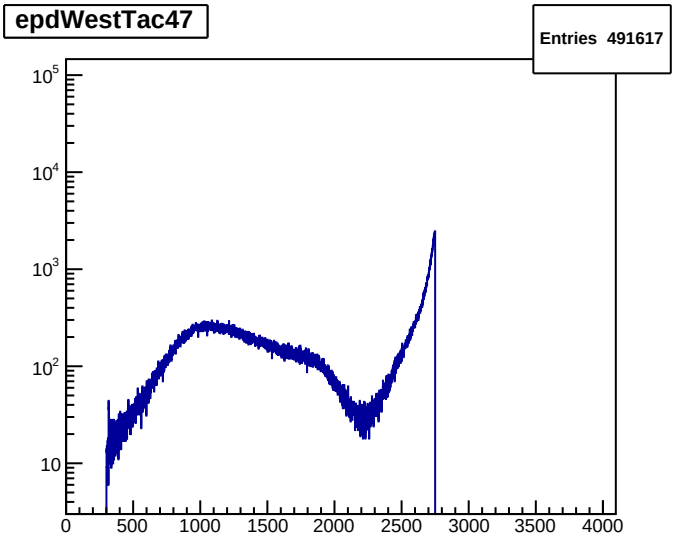
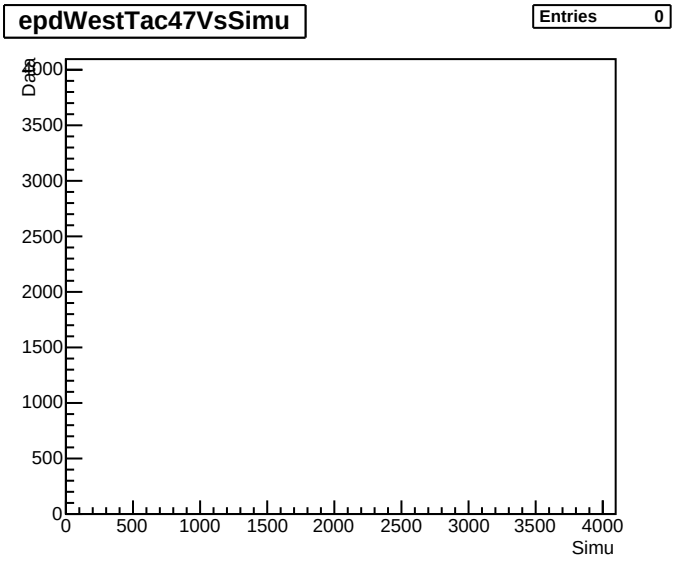
Data
Simu


epdWestTac47
Entries 491617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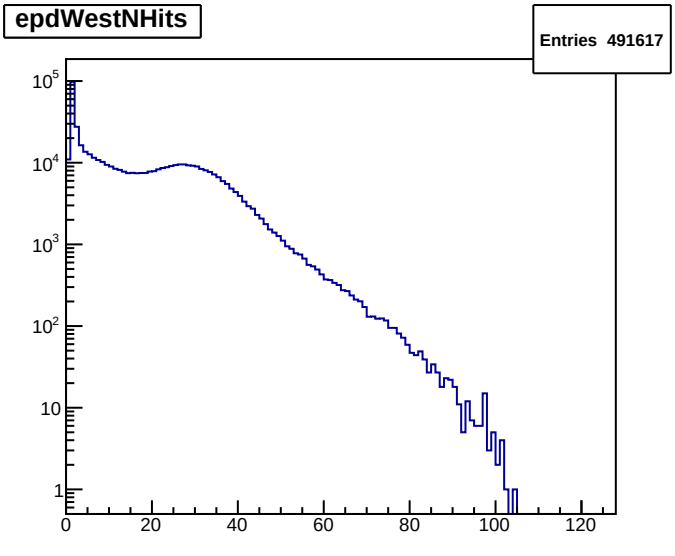
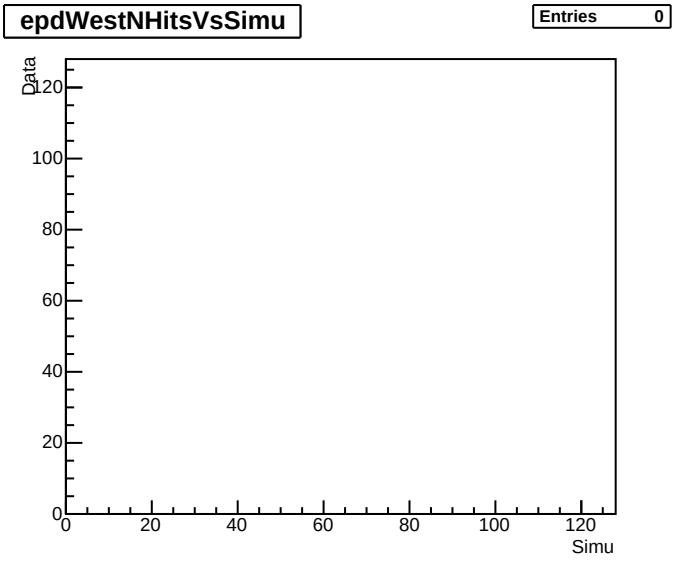
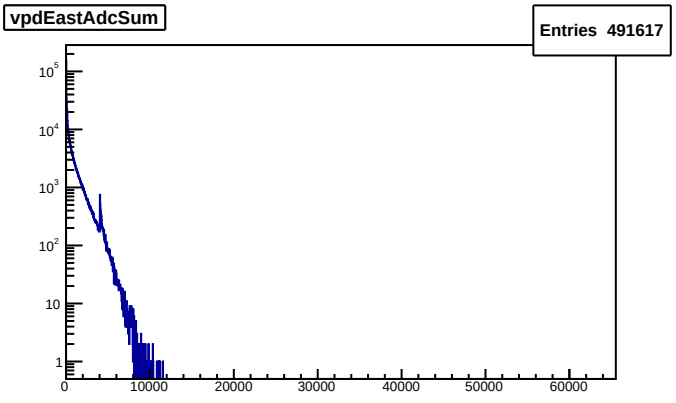
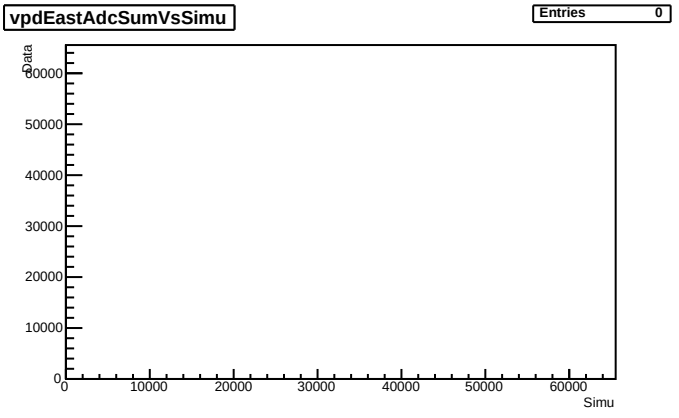
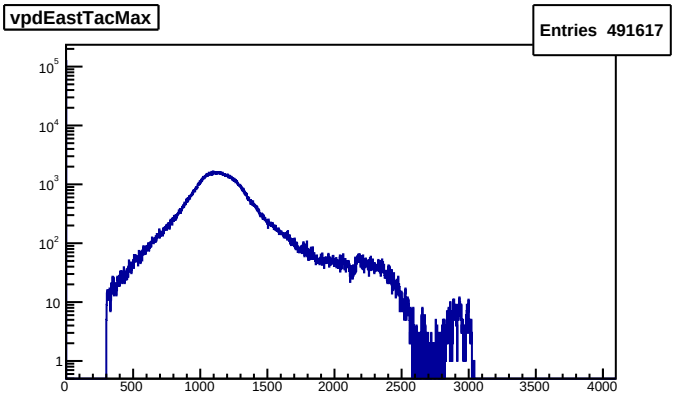
Entries 0
Data
Simu

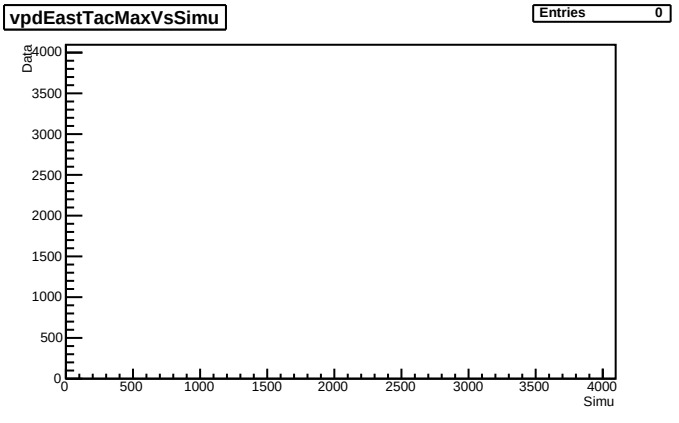

epdWestNHits
Entries 491617

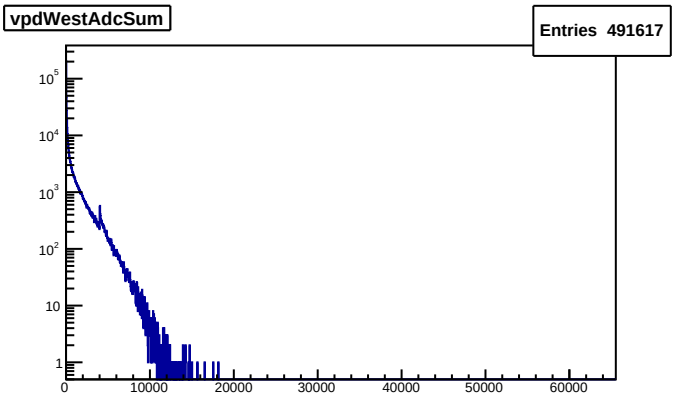

epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 491617


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 491617


vpdEastTacMaxVsSimu
Entries 0
Data
Simu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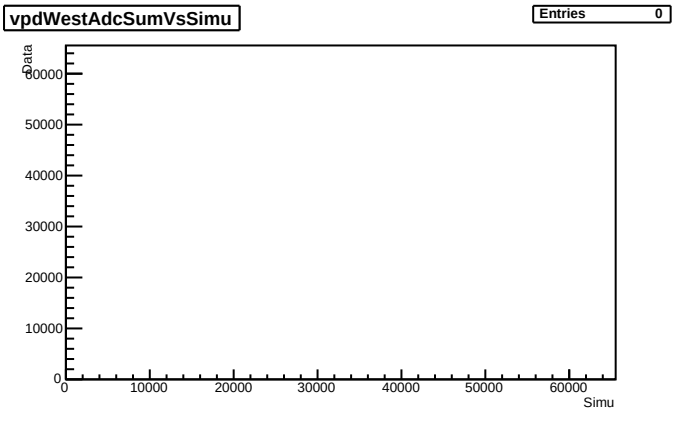
Entries 491617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Entries 0
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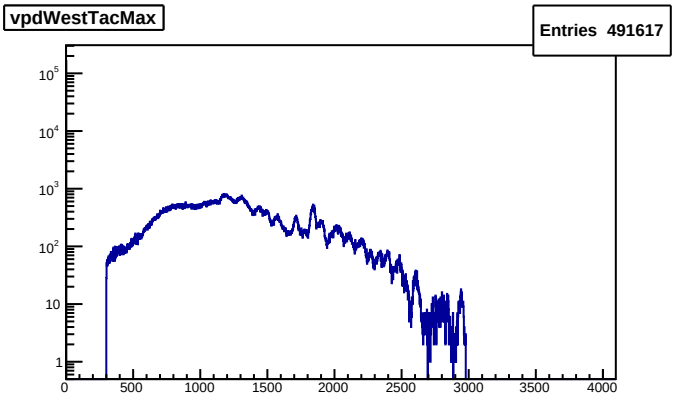
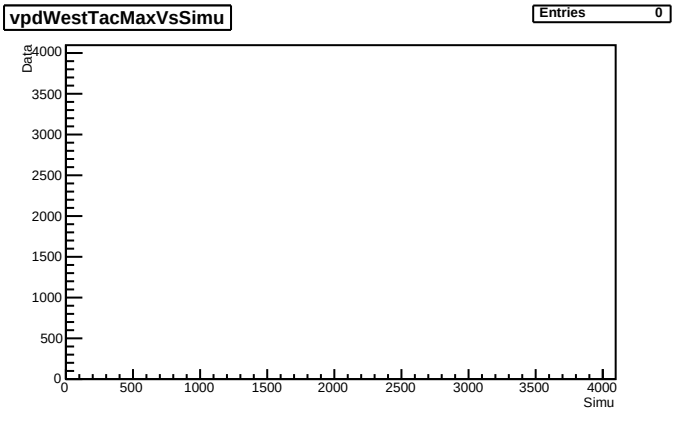
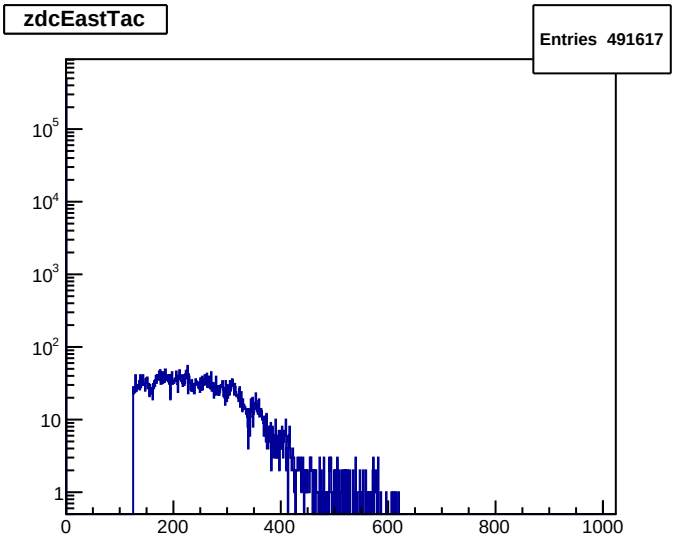
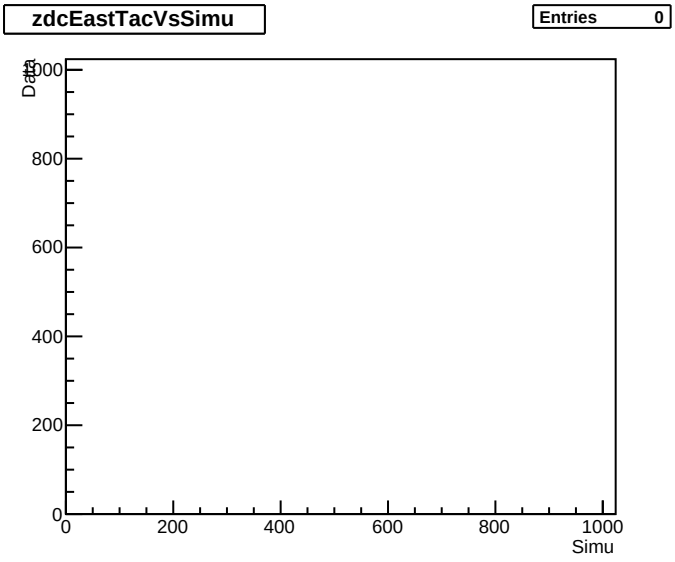

vpdWestTacMax
Entries 491617


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 491617
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
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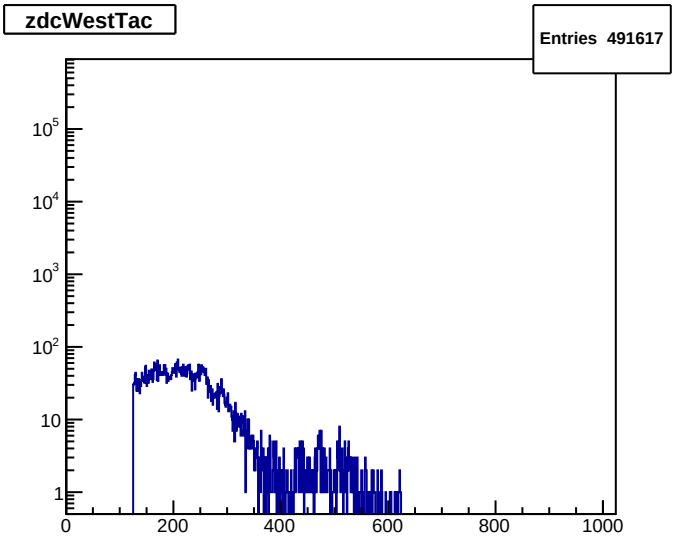
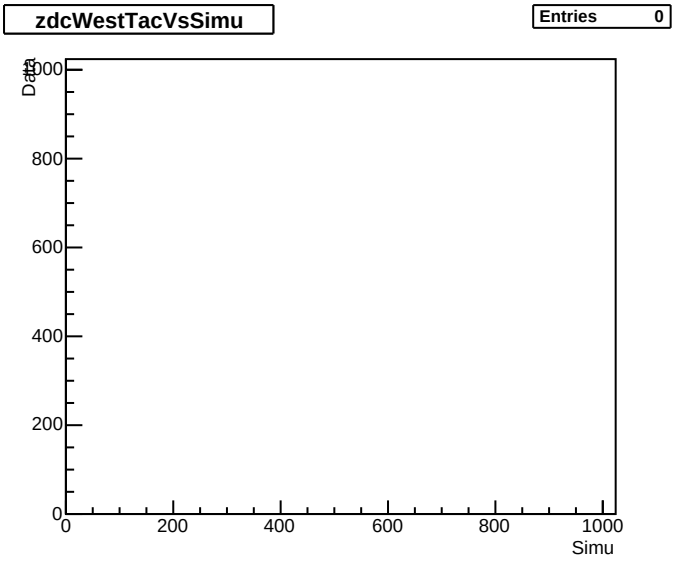
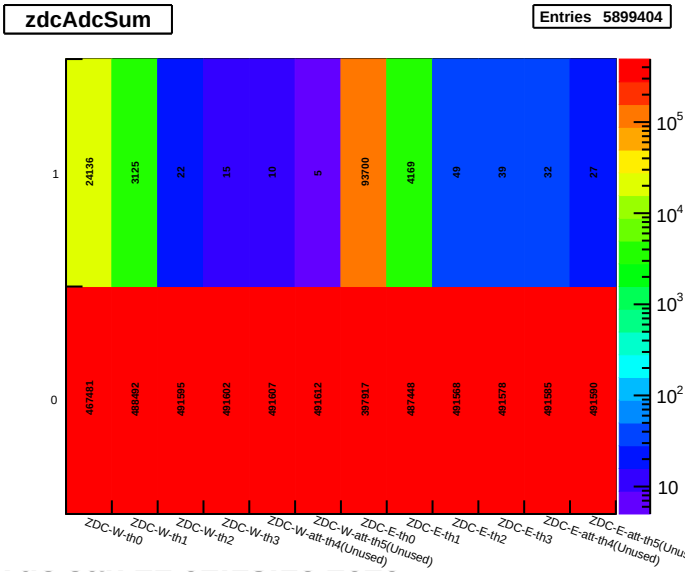
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 491617
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 5899404
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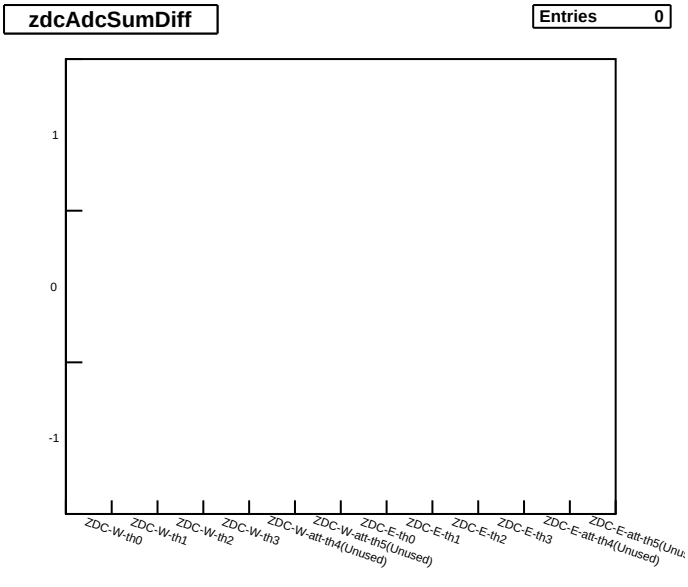
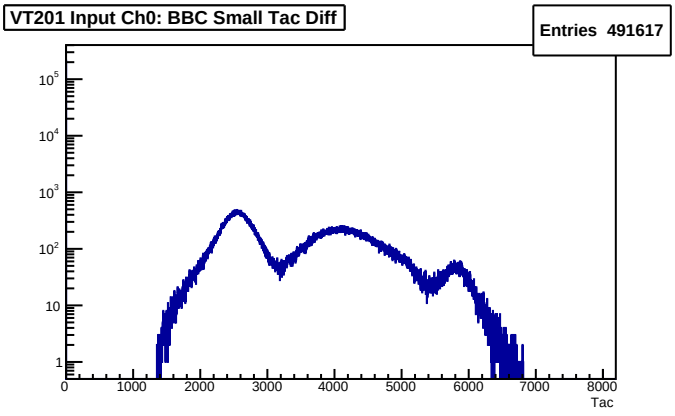
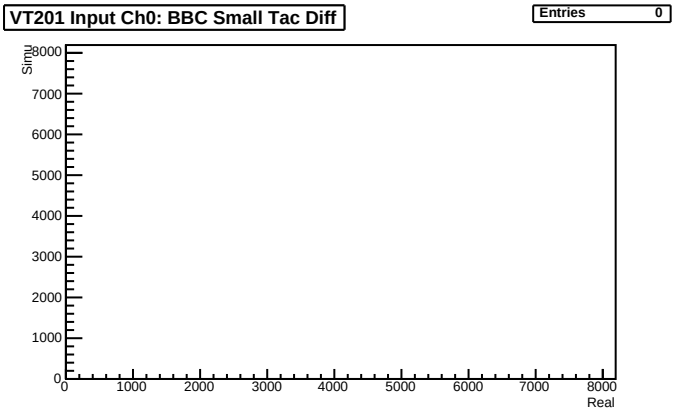
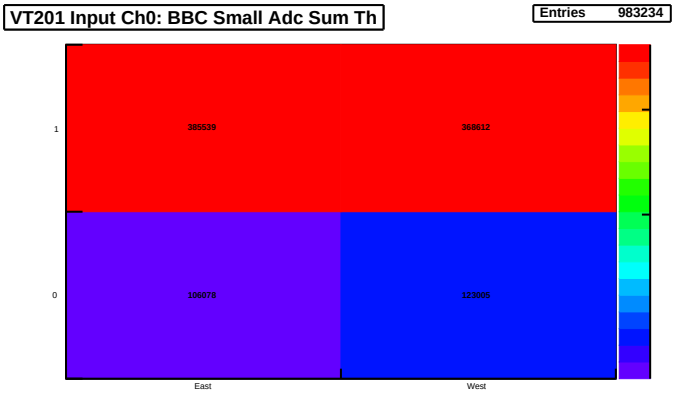
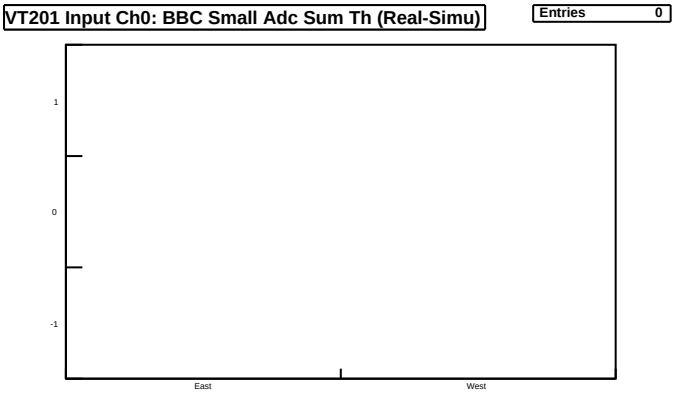
0
24136
3125
22
15
10
5
93700
4169
49
39
32
27
467481
488492
491595
491602
491607
491612
397917
487446
491568
491578
491585
491590
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

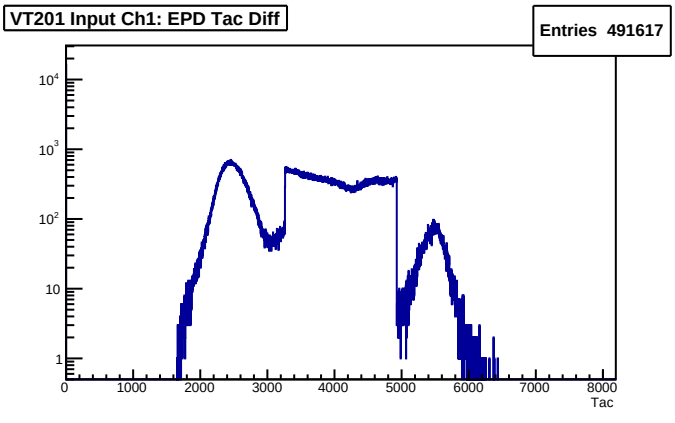

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

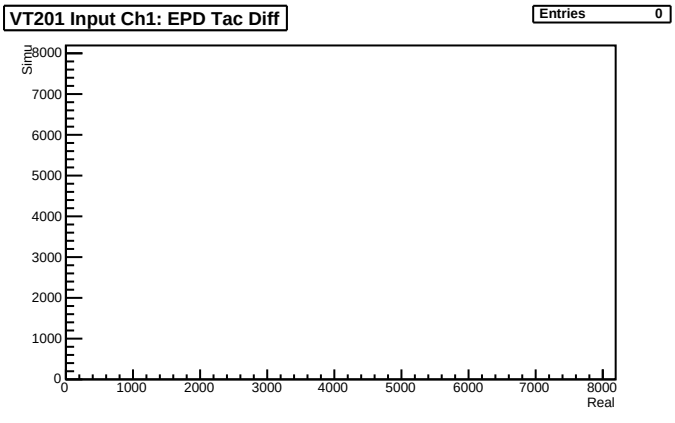

VT201 Input Ch0: BBC Small Tac Diff
Entries 491617
Tac

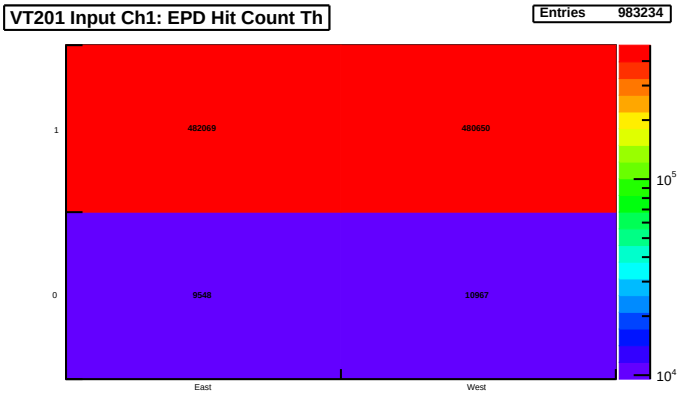

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

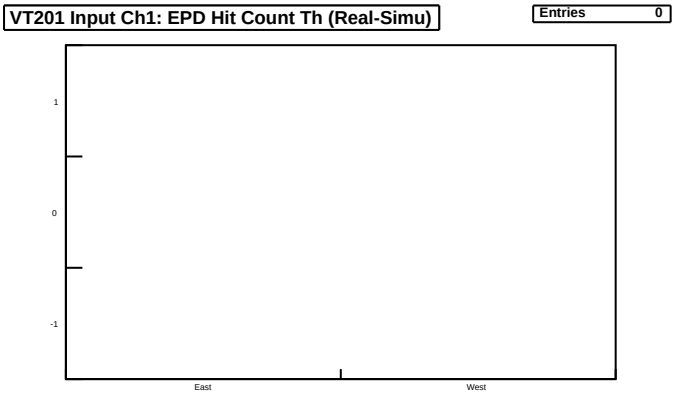

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 983234
385539
368612
106078
123005
East
West

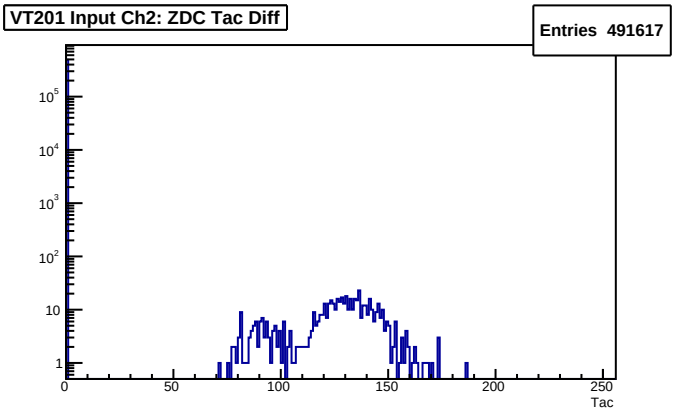

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

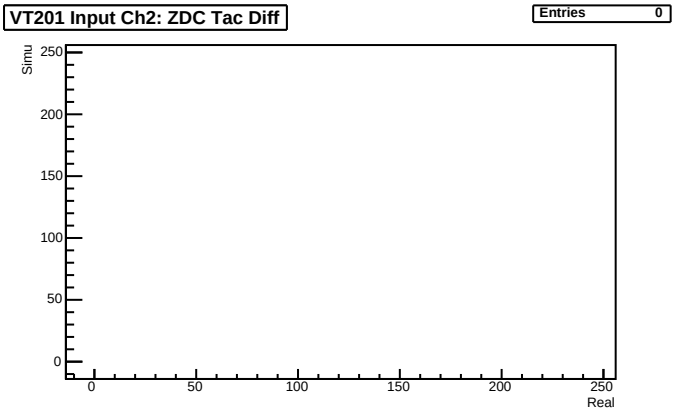

VT201 Input Ch1: EPD Tac Diff
Entries 491617
Tac

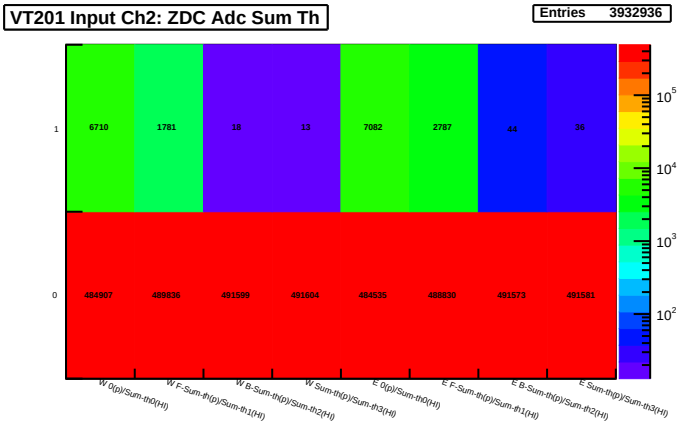

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

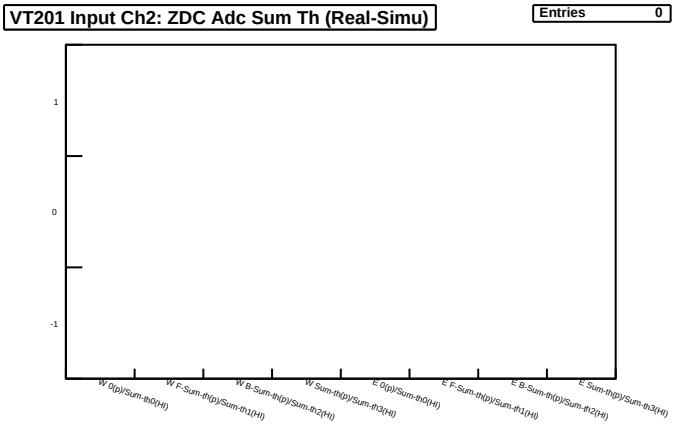

VT201 Input Ch1: EPD Hit Count Th
Entries 983234
482069
480650
9548
10967
East
West

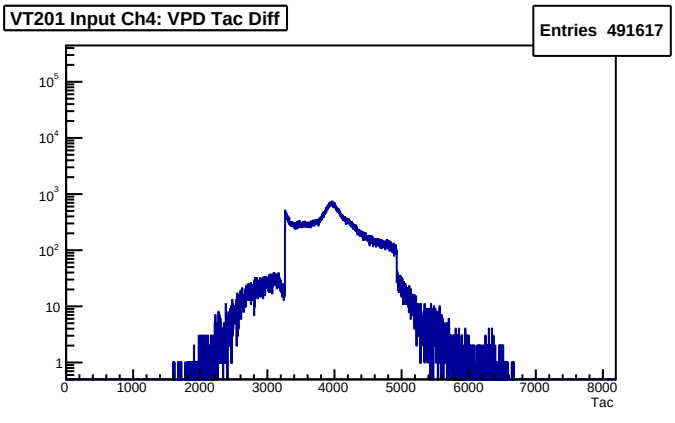

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

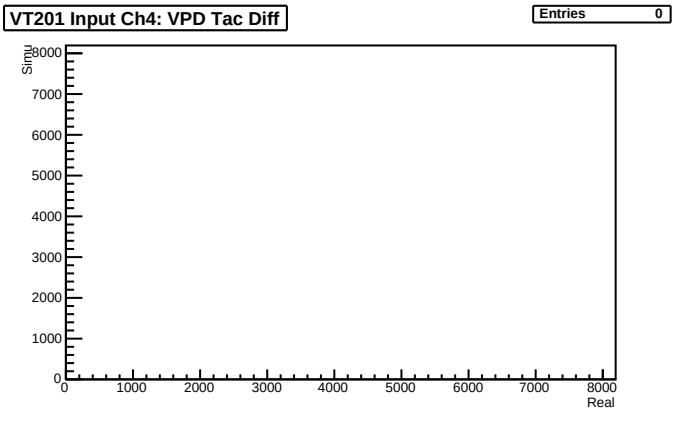

VT201 Input Ch2: ZDC Tac Diff
Entries 491617
Tac

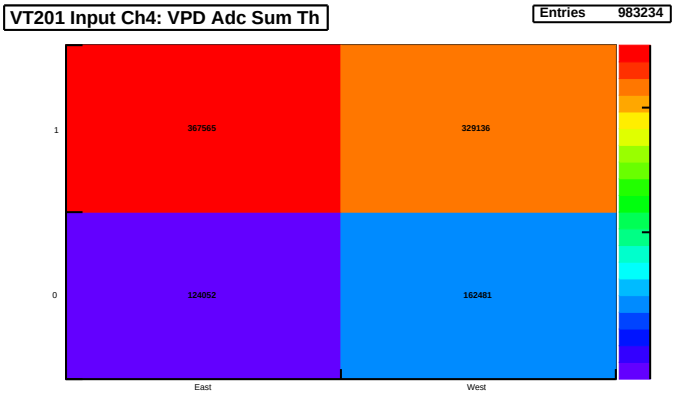

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

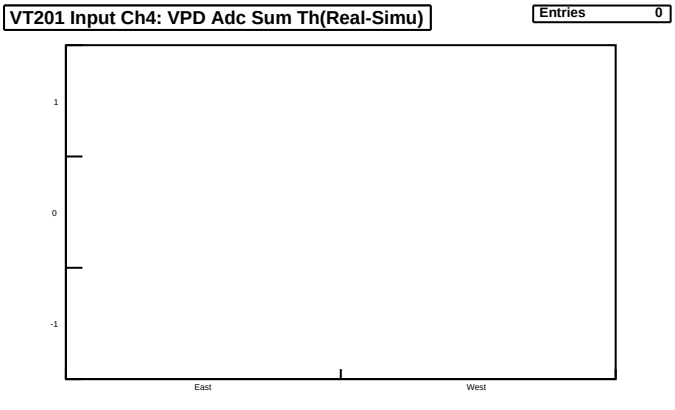

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3932936
6710
1781
18
13
7082
2787
44
36
484907
489836
491599
491604
484535
488830
491573
491581
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

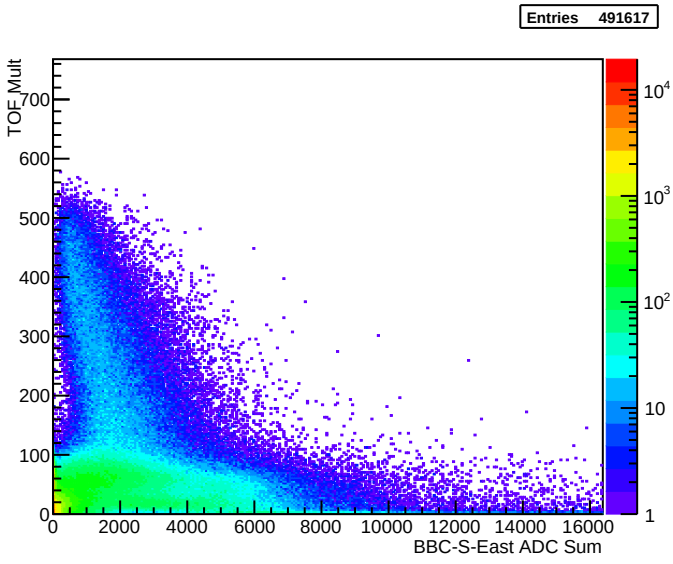

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

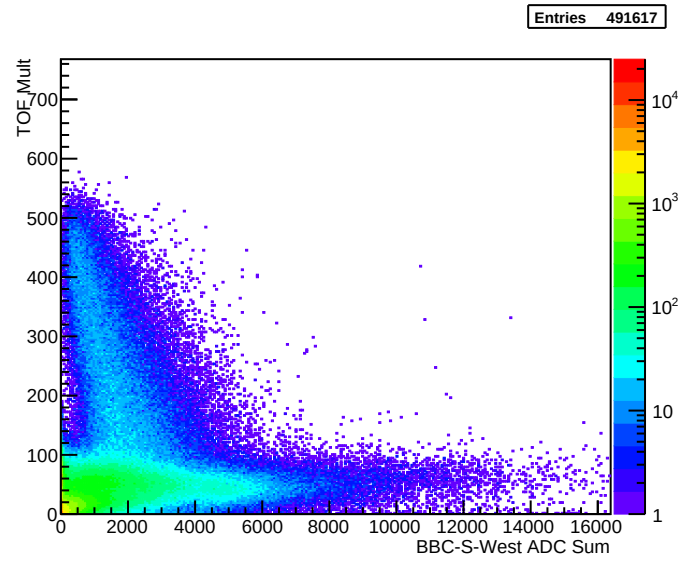

VT201 Input Ch4: VPD Tac Diff
Entries 491617
Tac

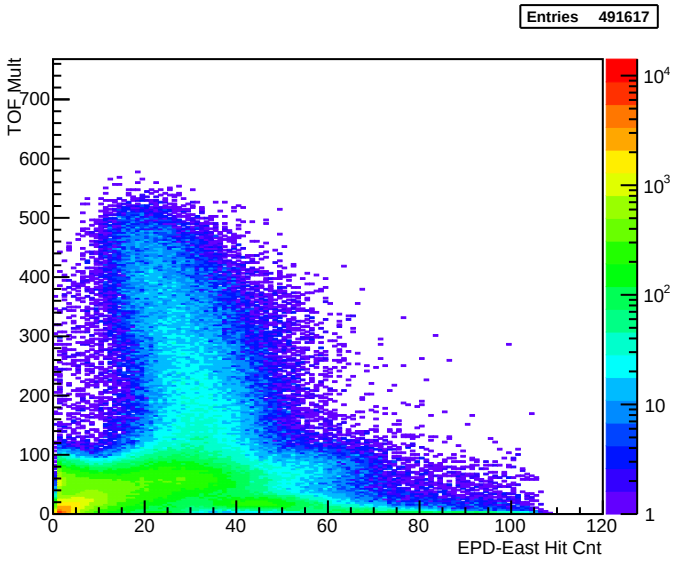

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

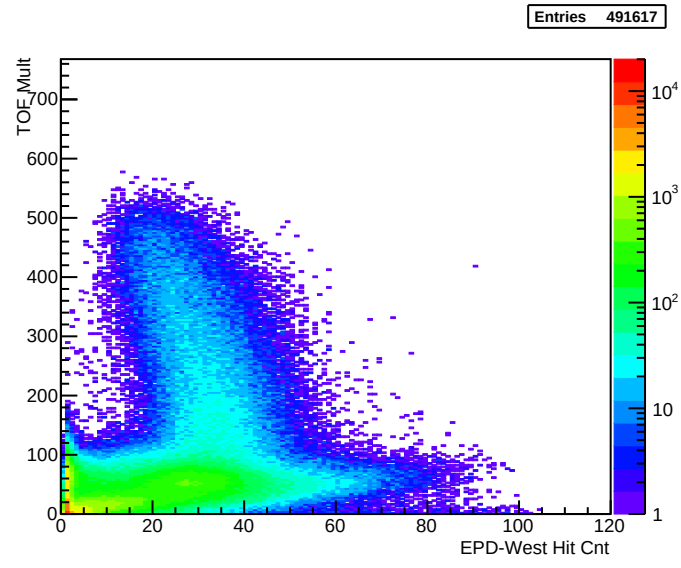

VT201 Input Ch4: VPD Adc Sum Th
Entries 983234
367565
329136
124052
162481
East
West

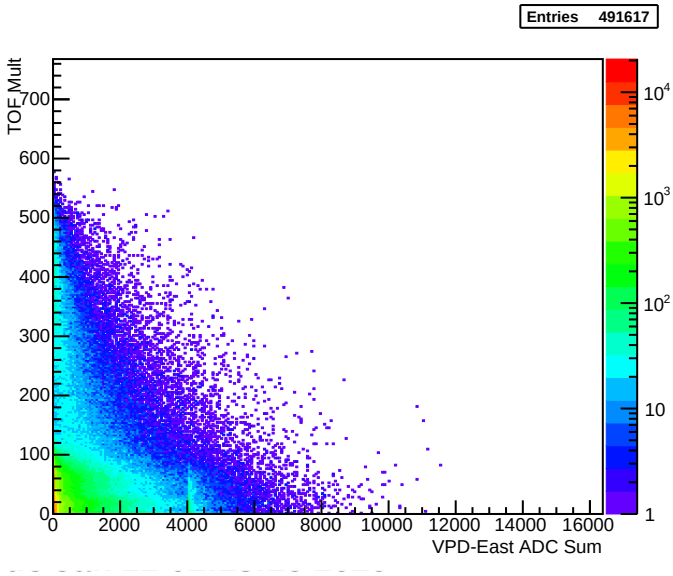

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

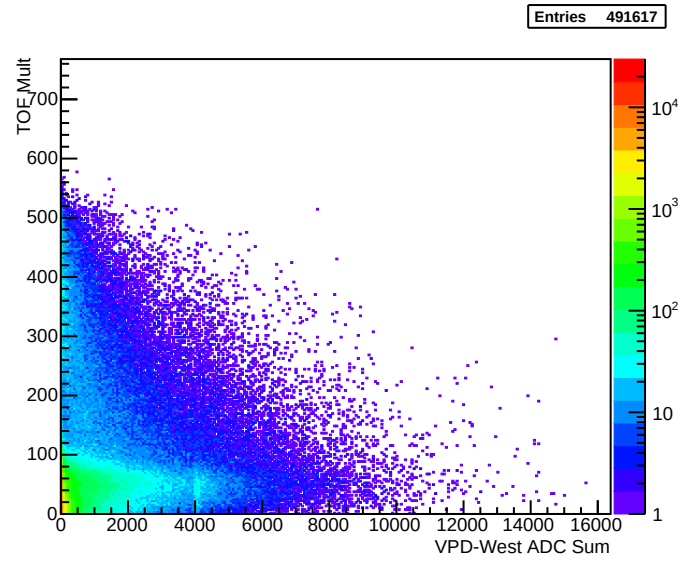

Entries 491617
TOF_Mult
BBC-S-East ADC Sum

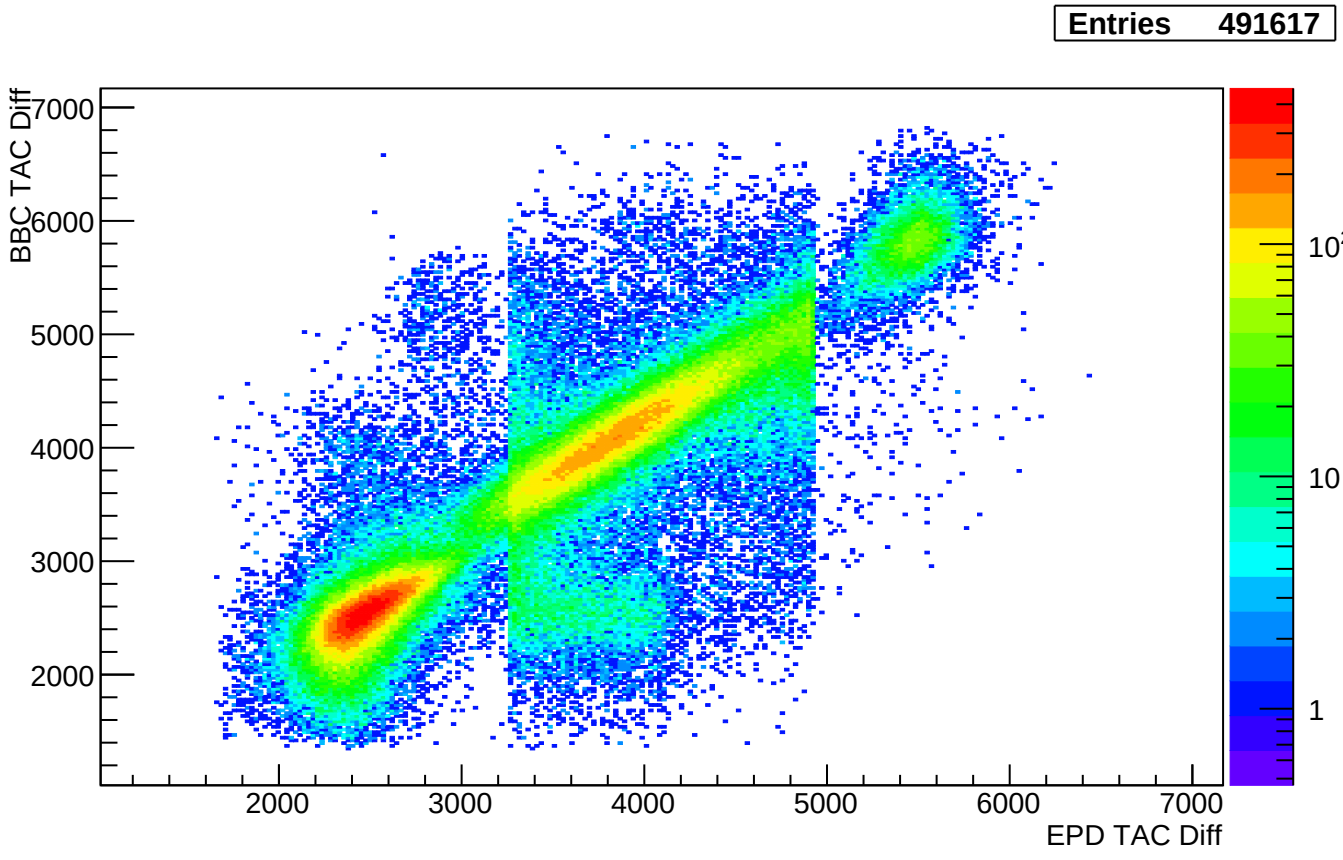

Entries 491617
TOF_Mult
BBC-S-West ADC Sum

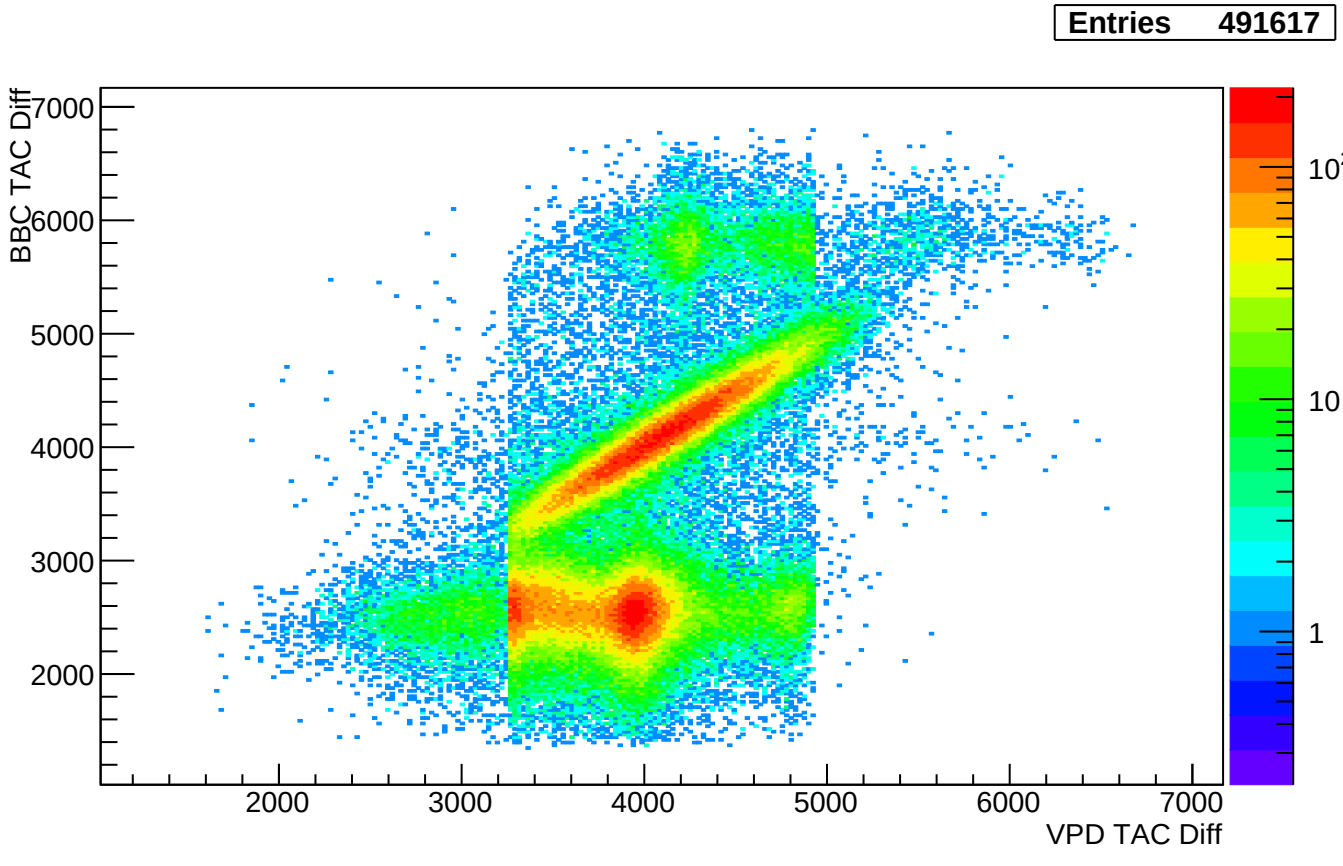

Entries 491617
TOF_Mult
EPD-East Hit Cnt

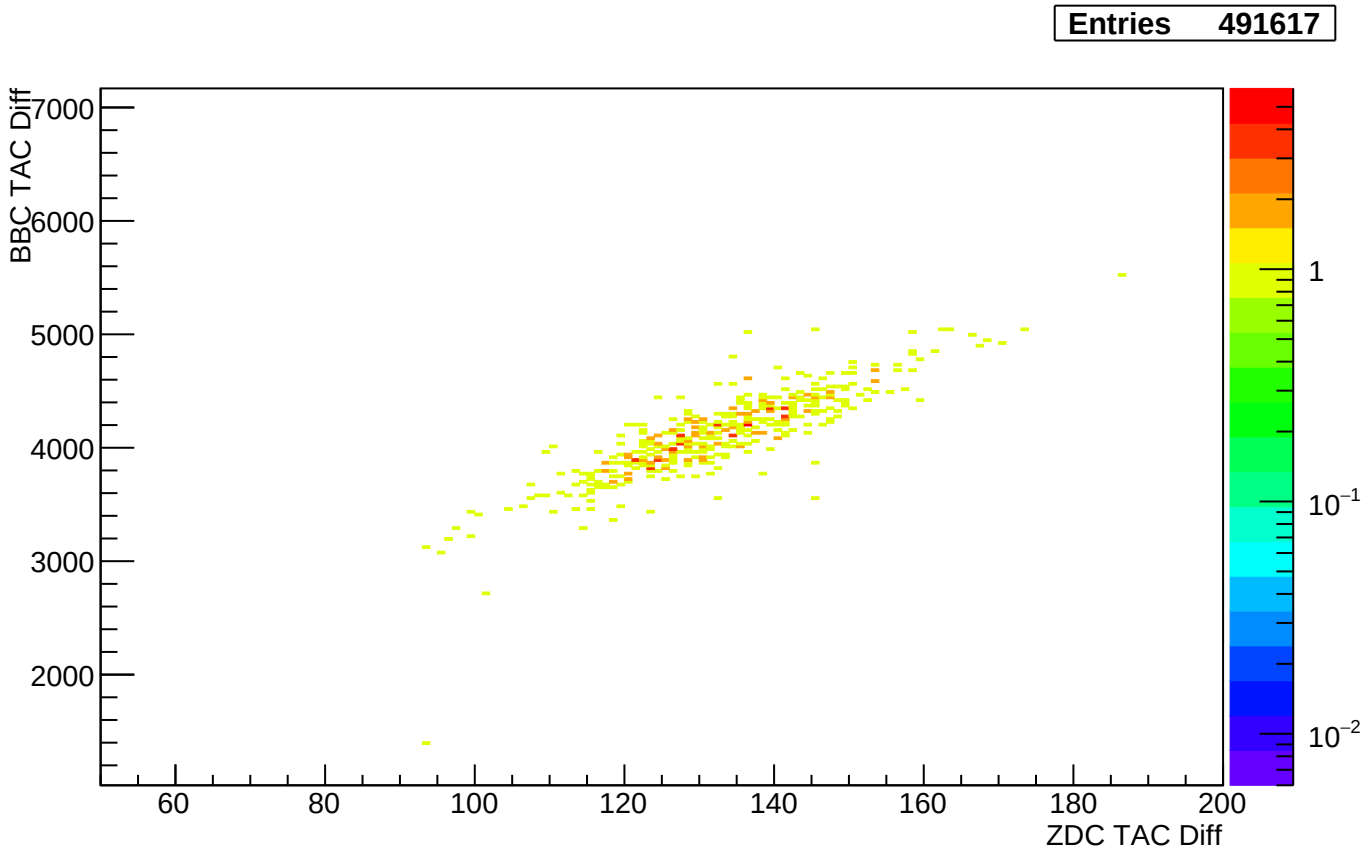

Entries 491617
TOF_Mult
EPD-West Hit Cnt

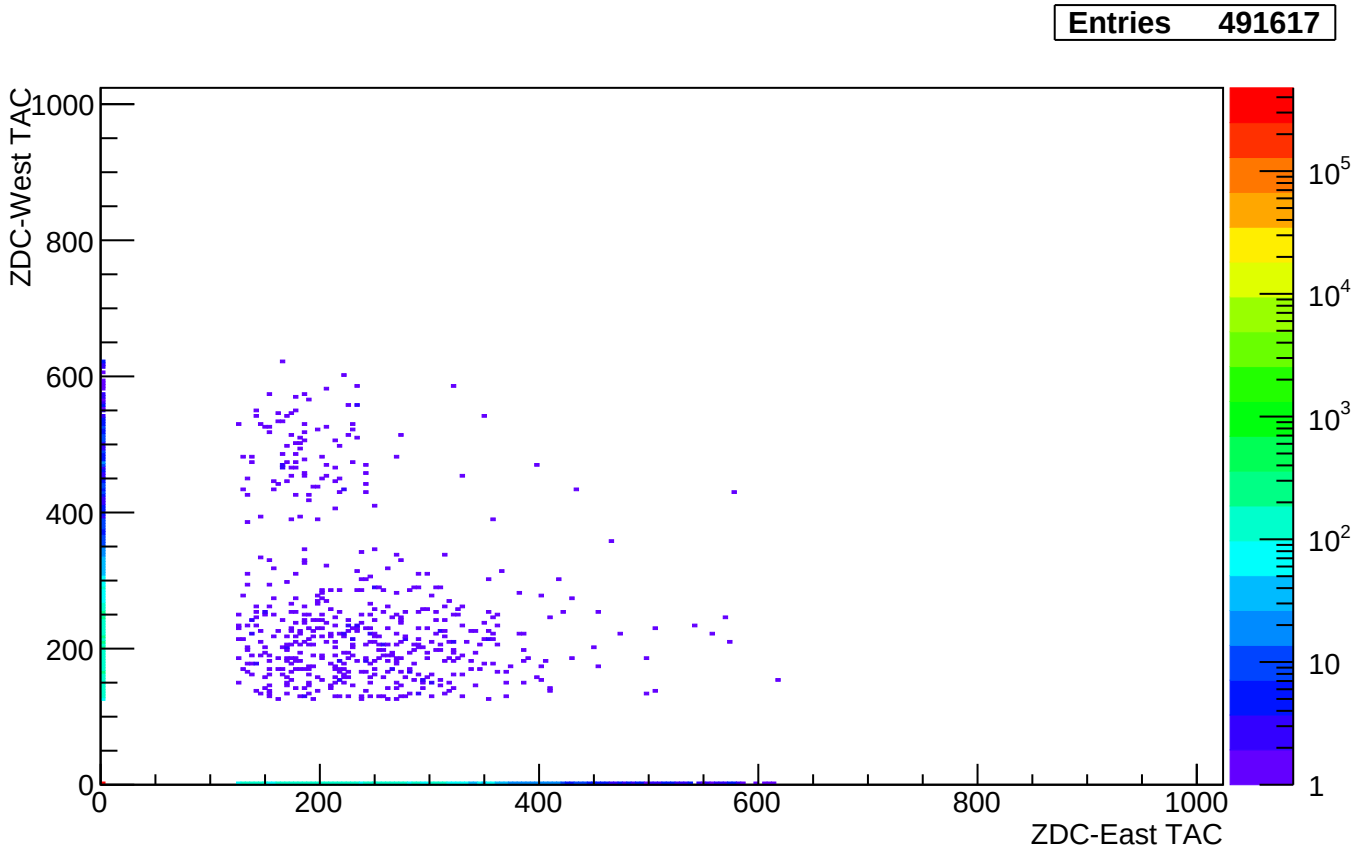

Entries 491617
TOF_Mult
VPD-East ADC Sum

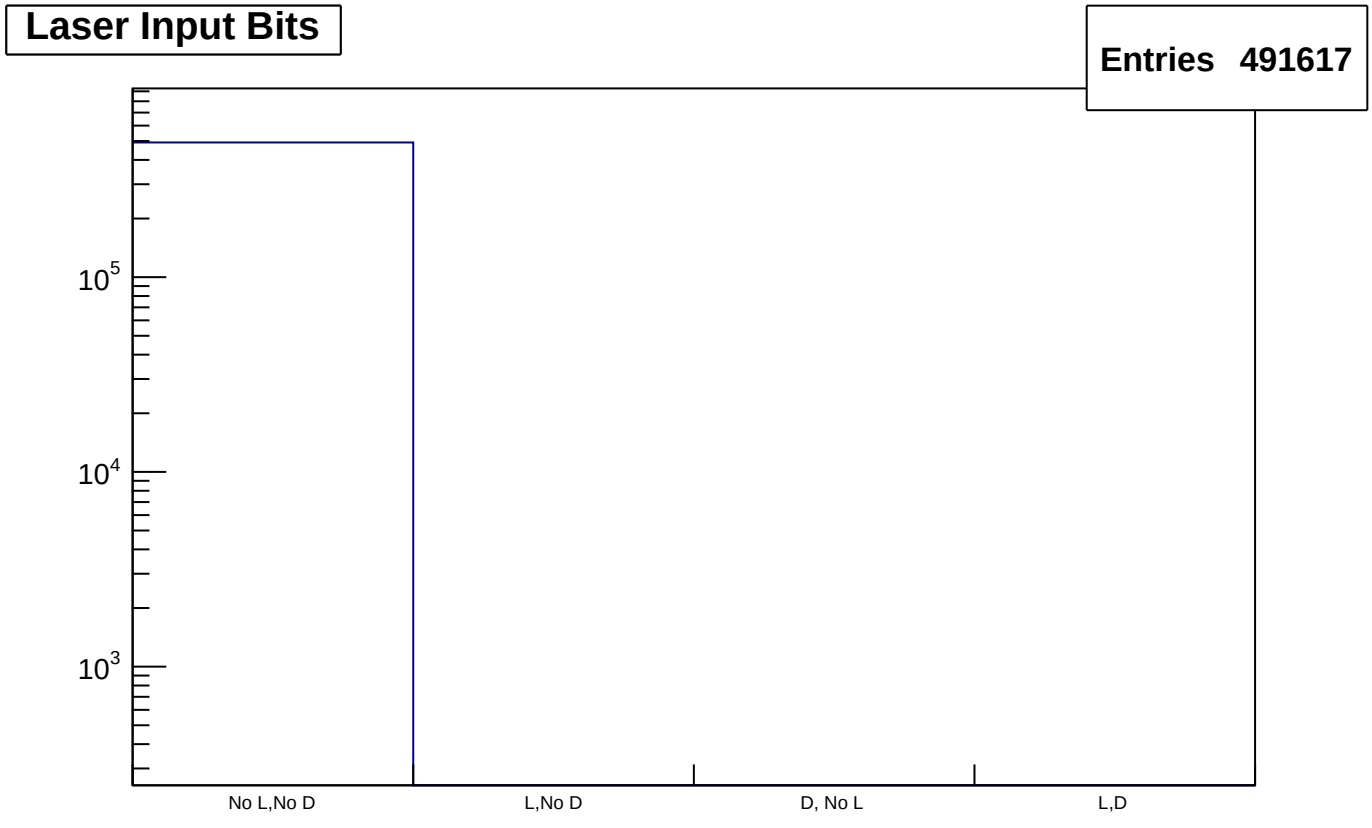

Entries 491617
TOF_Mult
VPD-West ADC Sum

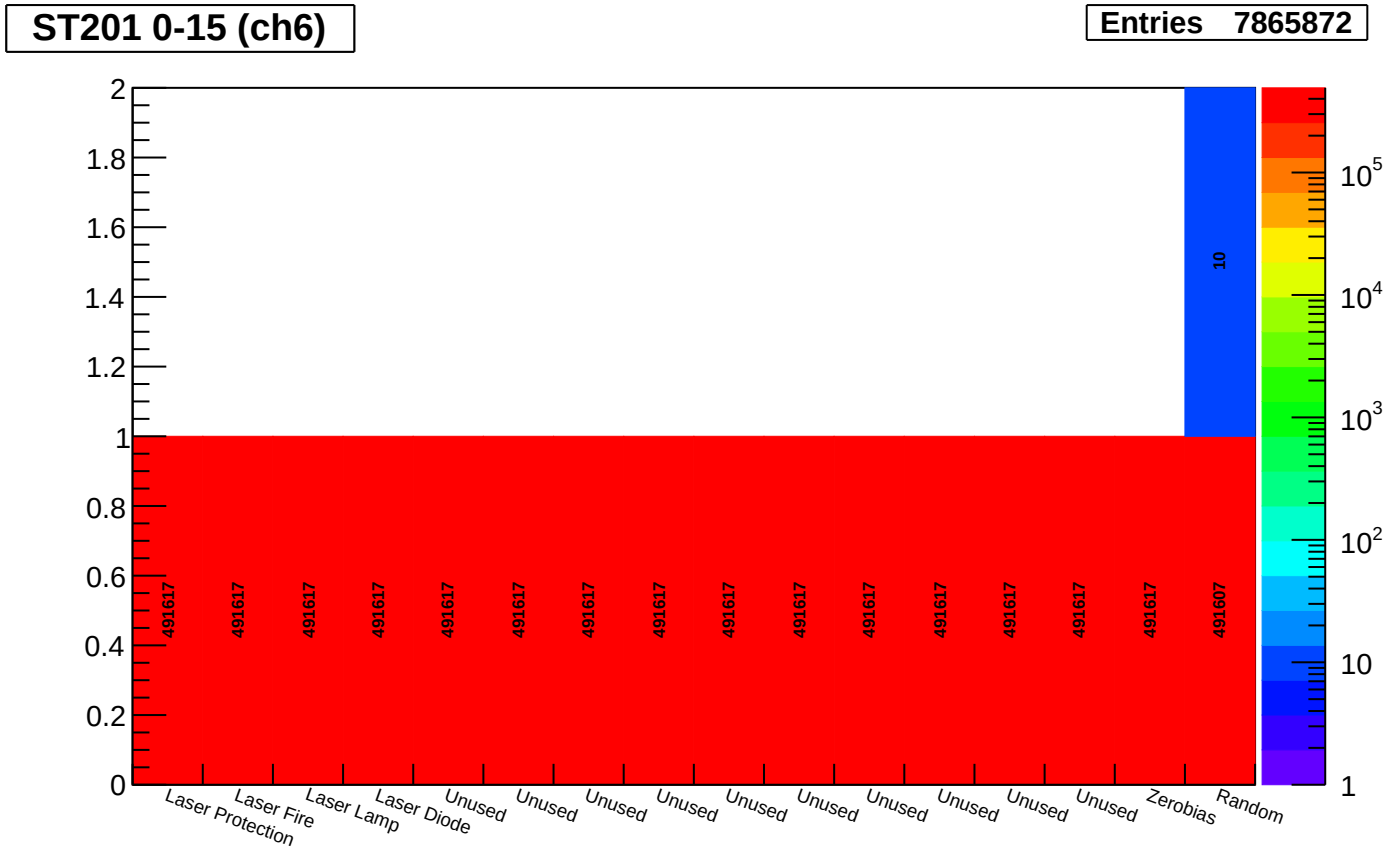

Entries 491617
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

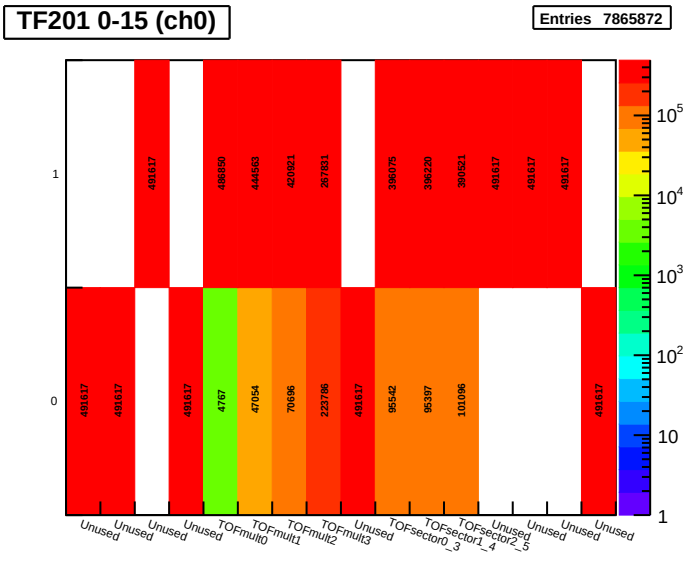

Entries 491617
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

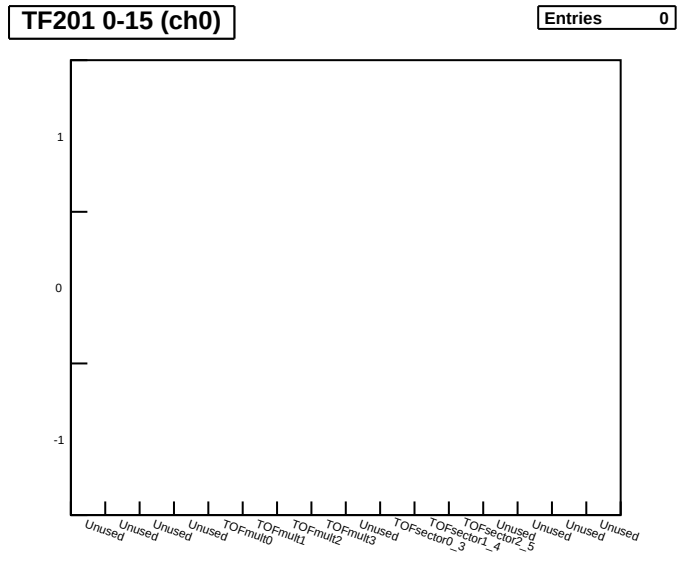

Entries 491617
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

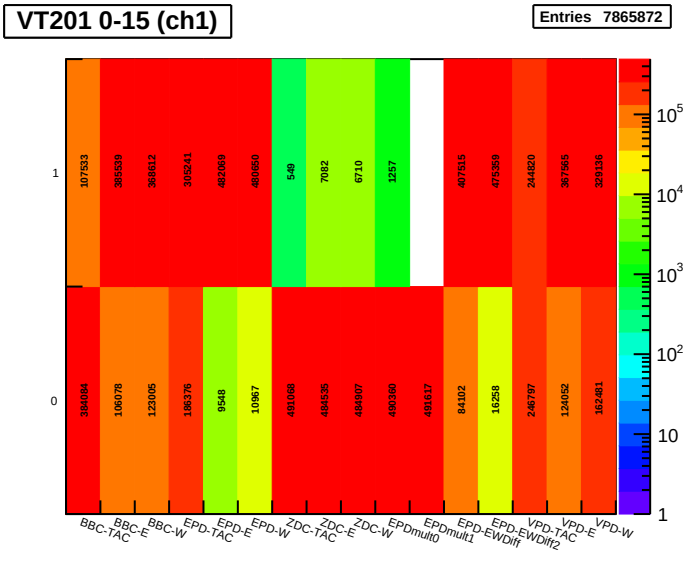

Entries 491617
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

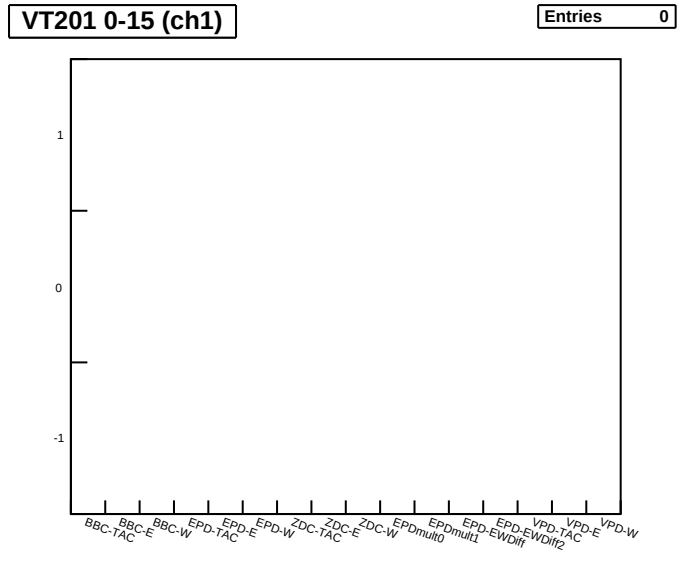

Laser Input Bits
Entries 491617
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

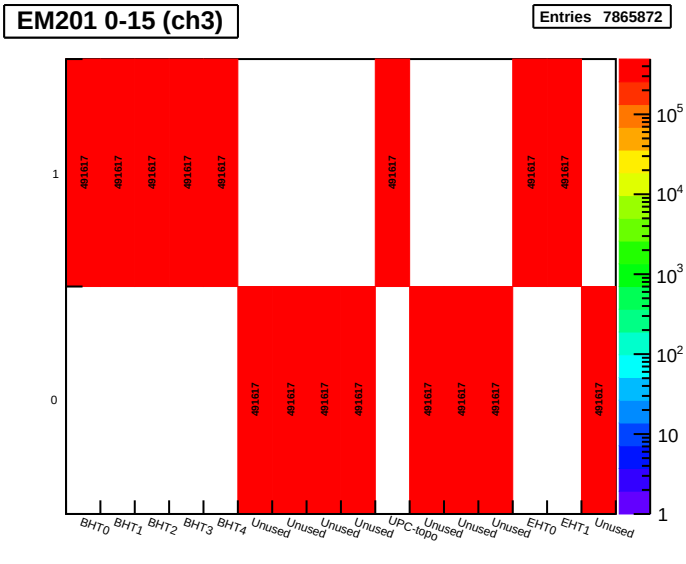

ST201 0-15 (ch6)
Entries 7865872
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
491617
491607
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

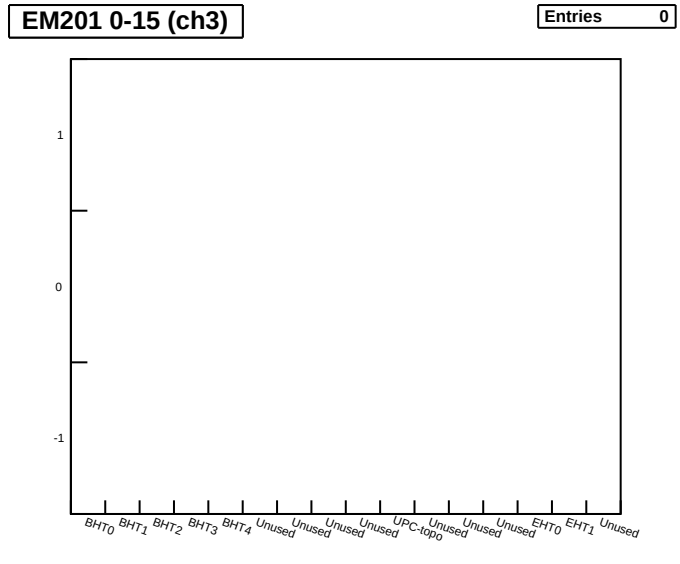

TF201 0-15 (ch0)
Entries 7865872
1
0
491617
436850
444563
420921
297831
396075
396220
390921
491617
491617
491617
491617
491617
4767
47054
70696
223786
491617
95542
95397
101096
491617
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 7865872
1
0
107533
385539
368612
305241
482069
480650
549
7082
6710
1257
407515
475359
244820
367565
329136
384084
106078
123005
188376
9548
10967
491068
484535
484907
490360
491617
84102
16258
246797
124052
162481
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 7865872
1
0
491617
491617
491617
491617
491617
491617
491617
491617
491617
491617
491617
491617
491617
491617
491617
491617
491617
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