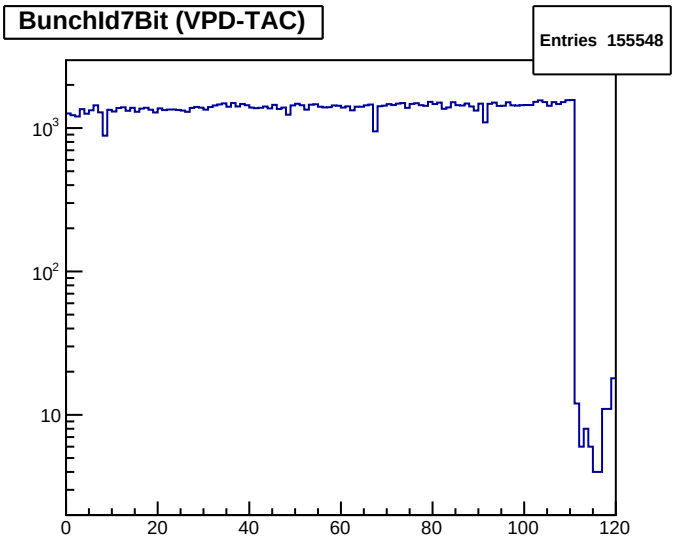
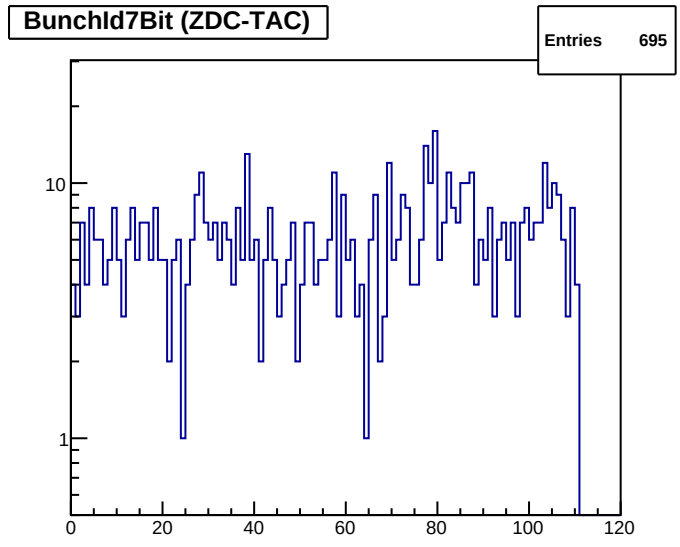
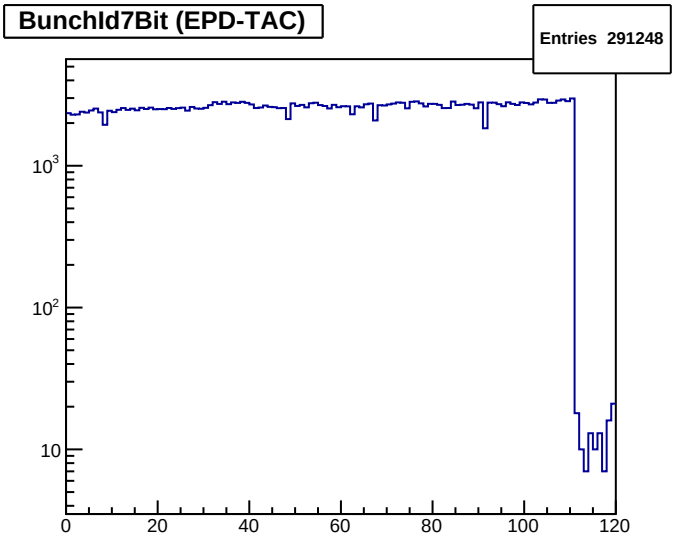
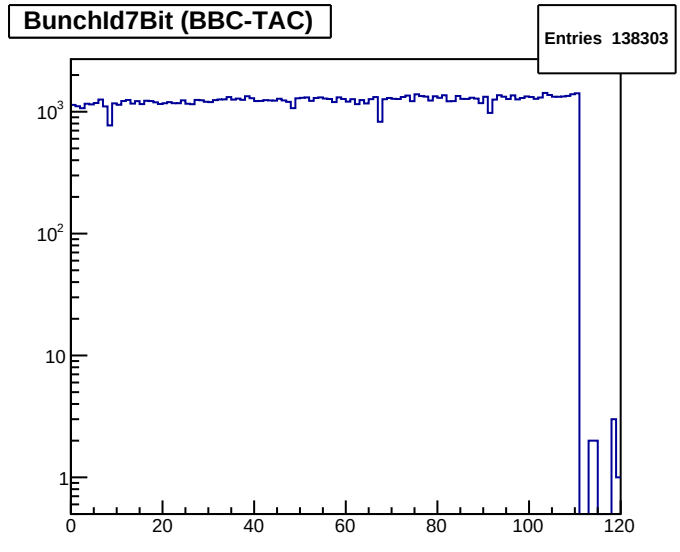
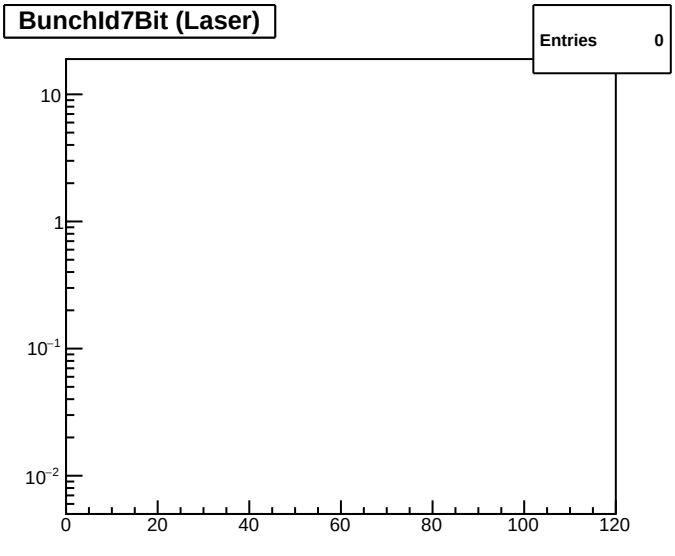
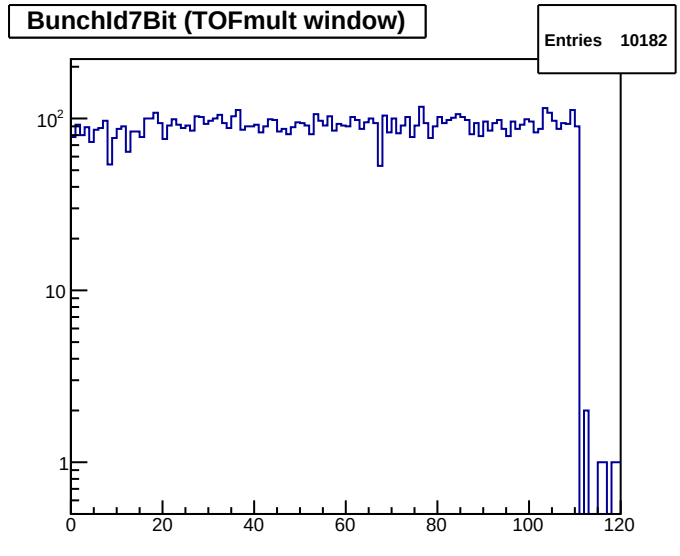

BunchId7Bit (VPD-TAC)
Entries 155548

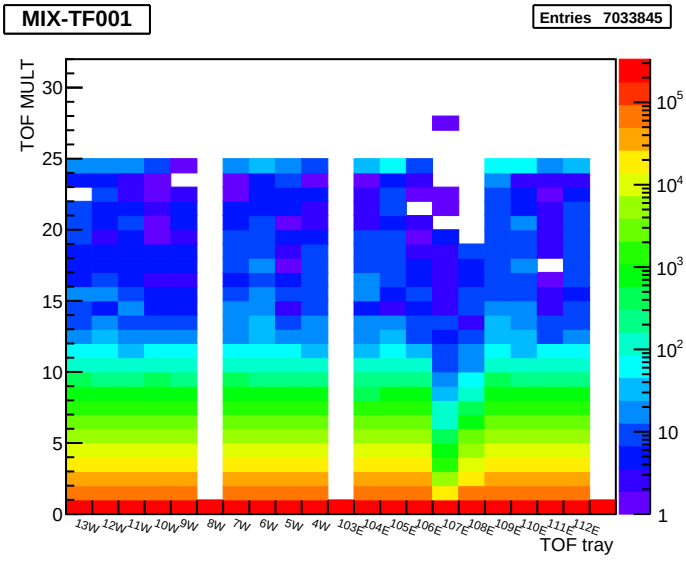

BunchId7Bit (ZDC-TAC)
Entries 695

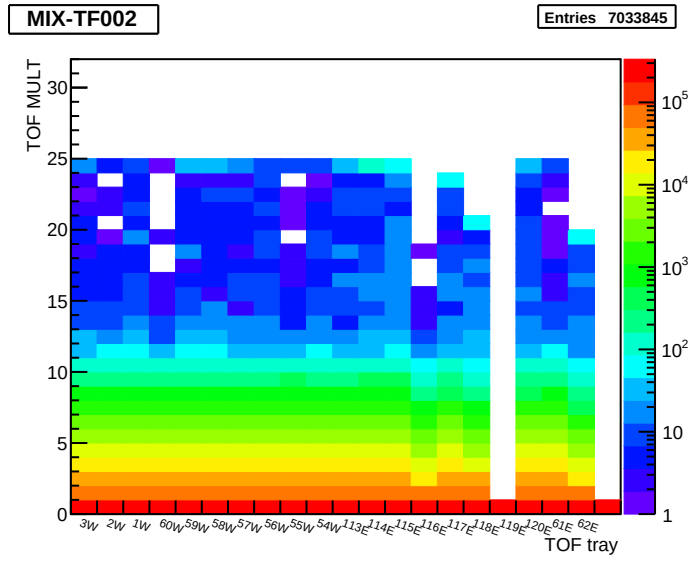

BunchId7Bit (EPD-TAC)
Entries 291248

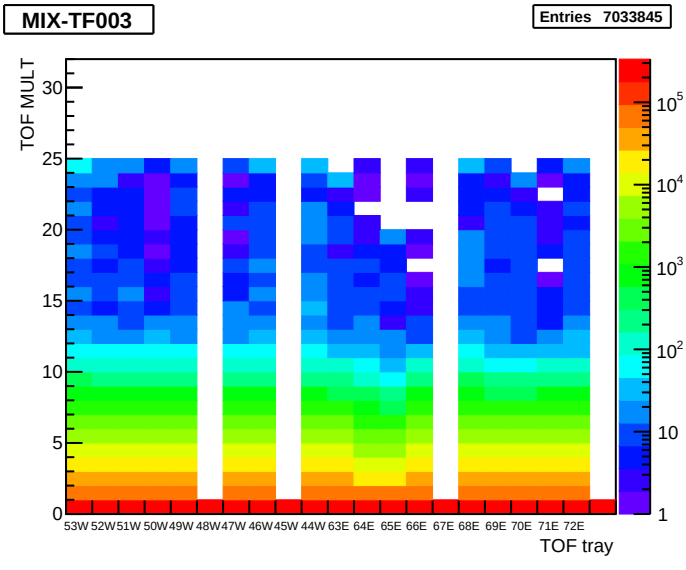

BunchId7Bit (BBC-TAC)
Entries 138303

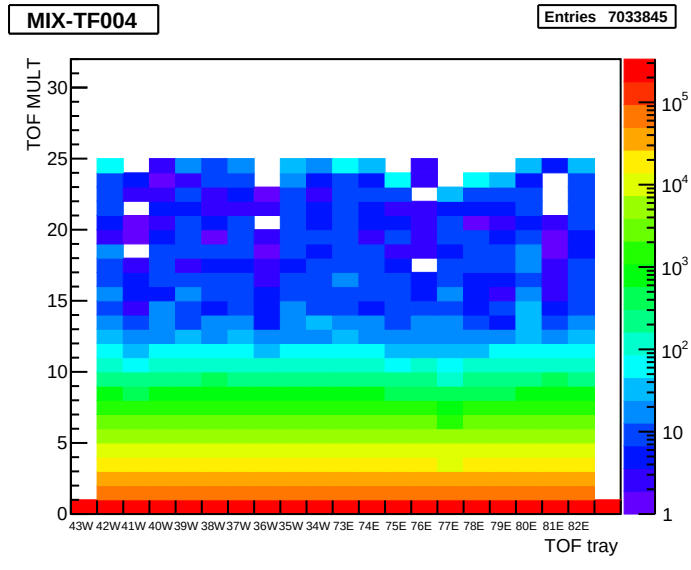

BunchId7Bit (Laser)
Entries 0

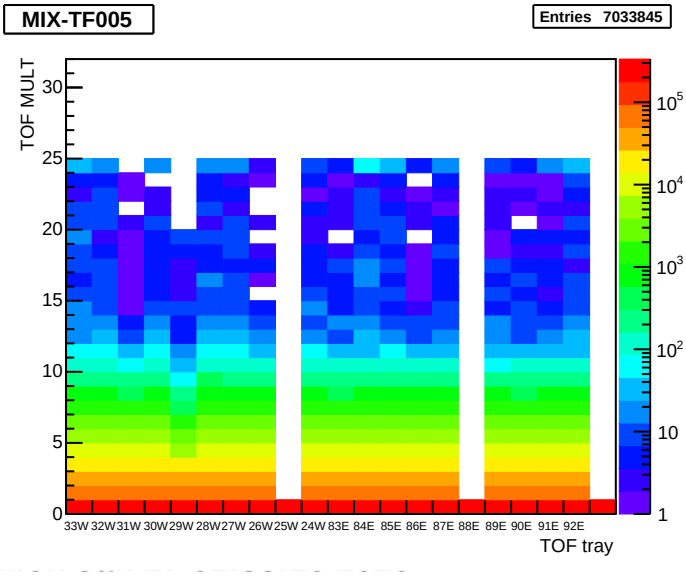

BunchId7Bit (TOFmult window)
Entries 10182

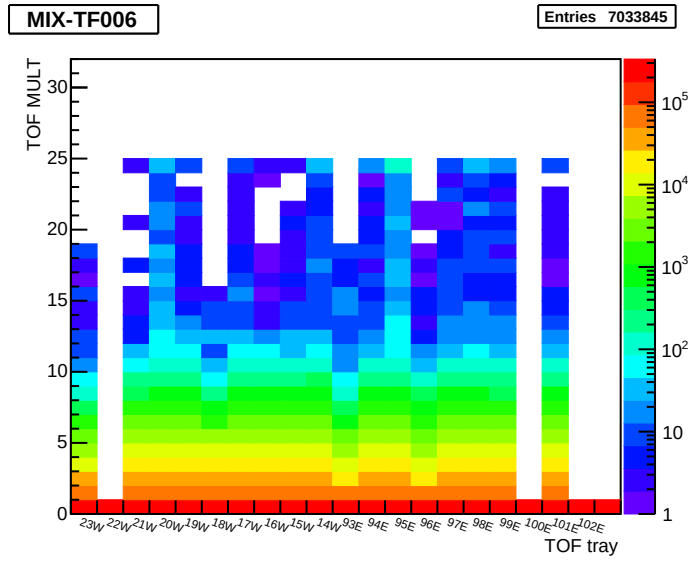

MIX-TF001
Entries 7033845
TOF MULT
TOF tray

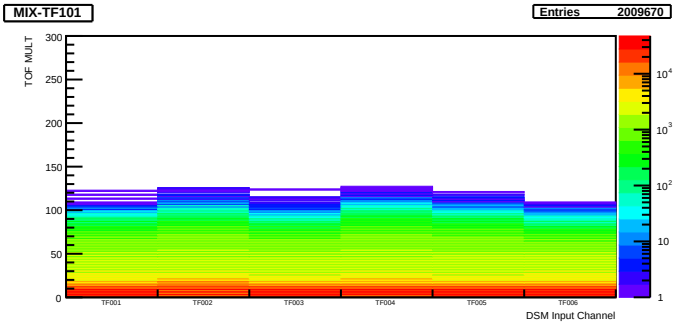

MIX-TF002
Entries 7033845
TOF MULT
TOF tray

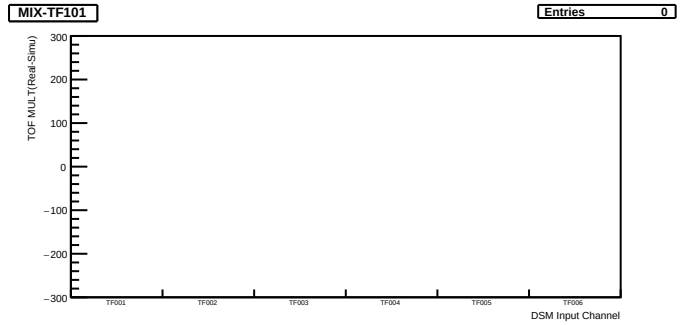

MIX-TF003
Entries 7033845
TOF MULT
TOF tray

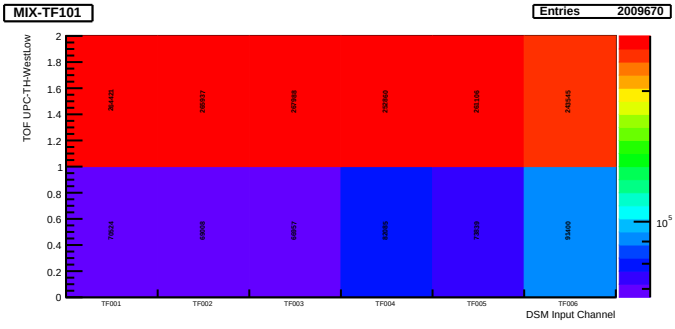

MIX-TF004
Entries 7033845
TOF MULT
TOF tray

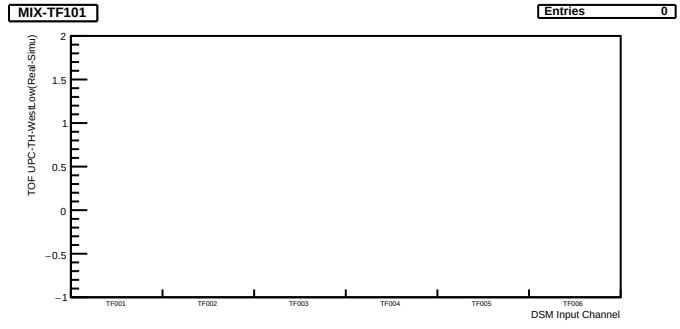

MIX-TF005
Entries 7033845
TOF MULT
TOF tray

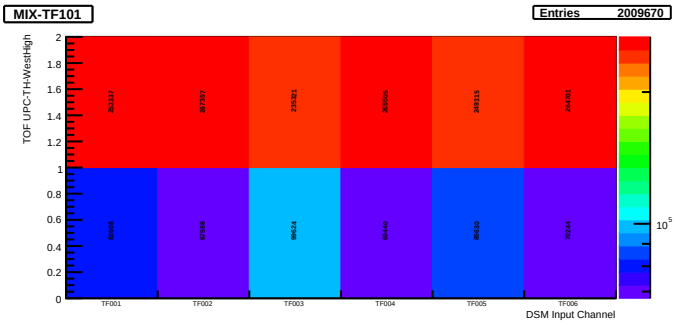

MIX-TF006
Entries 7033845
TOF MULT
TOF tray

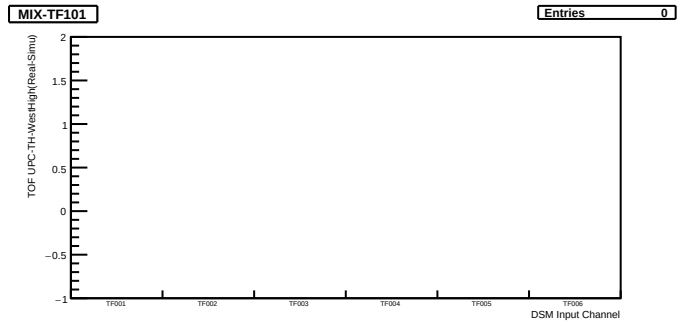

MIX-TF101
Entries 2009670
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

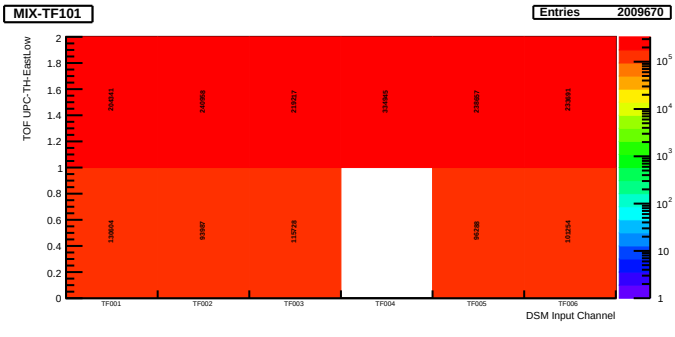

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

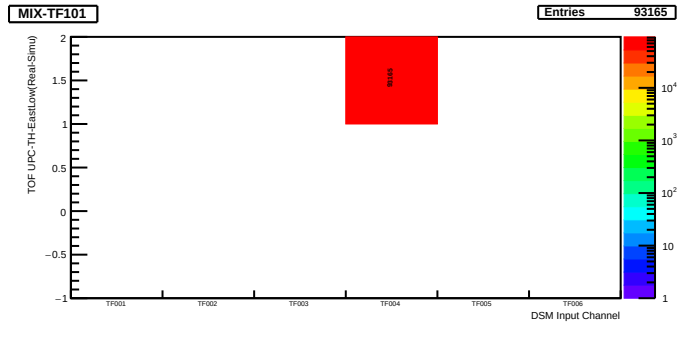

MIX-TF101
Entries 2009670
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

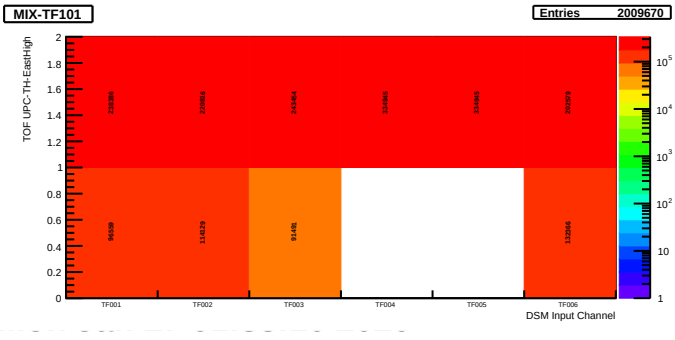

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

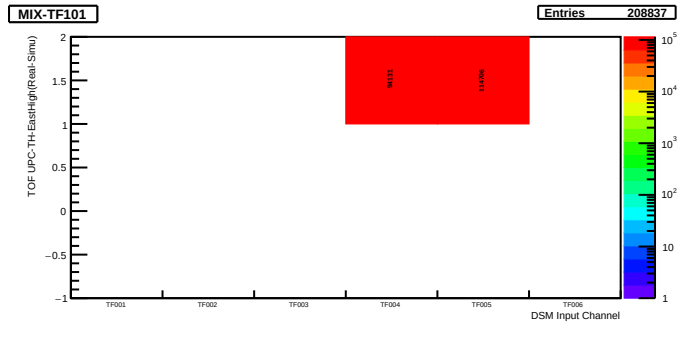

MIX-TF101
Entries 2009670
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

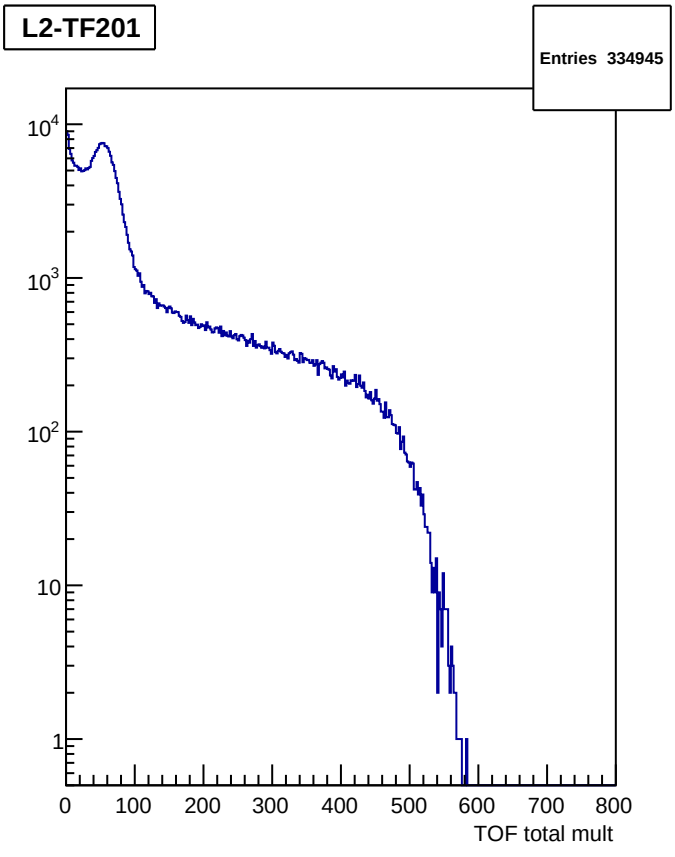

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

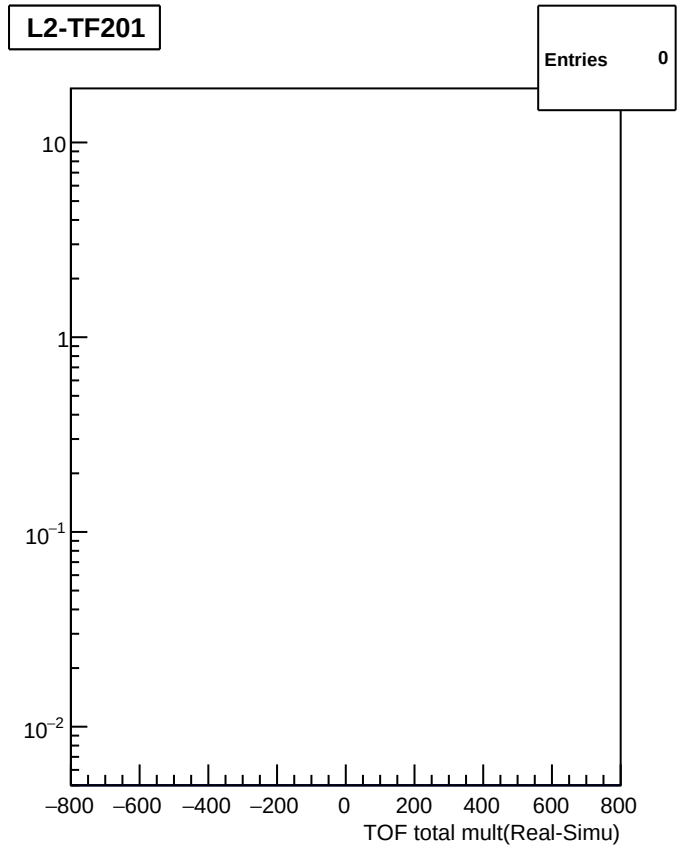

MIX-TF101
Entries 2009670
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

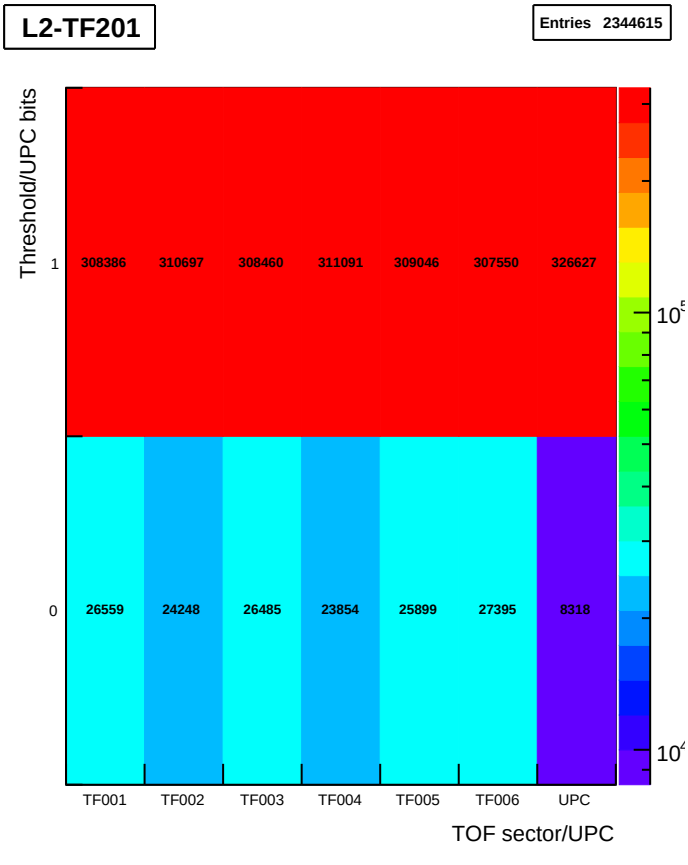

MIX-TF101
Entries 93165
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

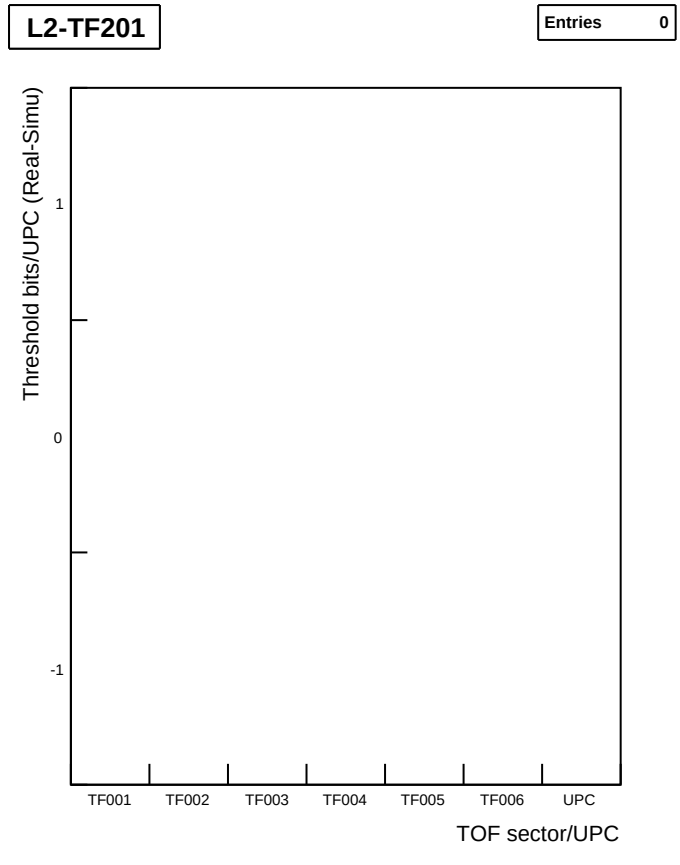

MIX-TF101
Entries 2009670
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

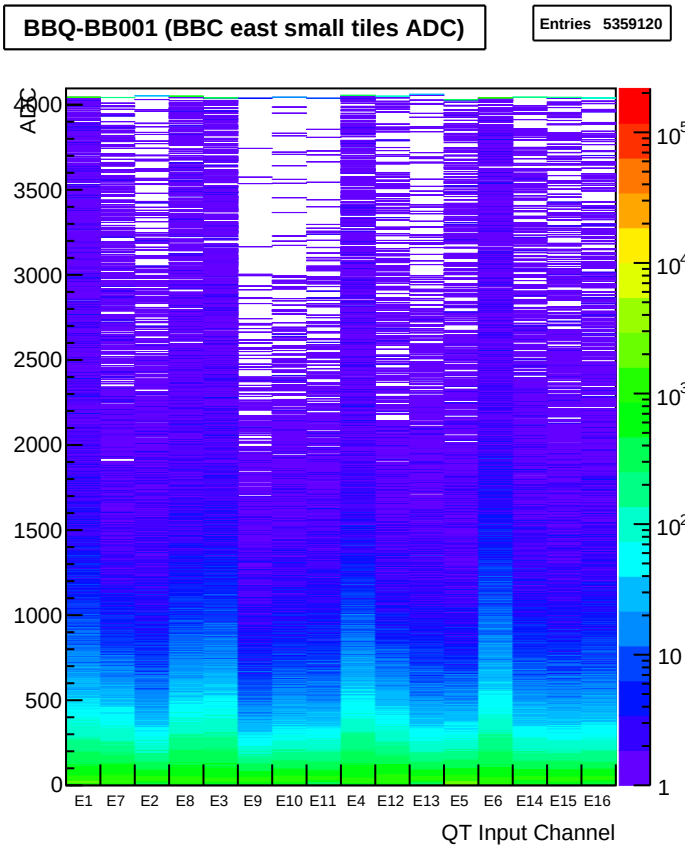

MIX-TF101
Entries 208837
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

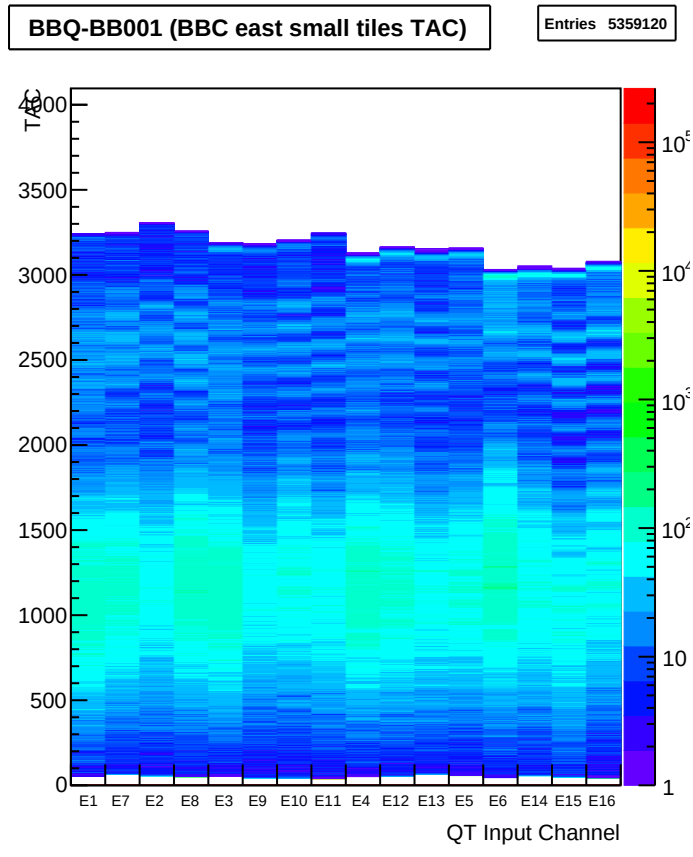

L2-TF201
Entries 334945
TOF total mult

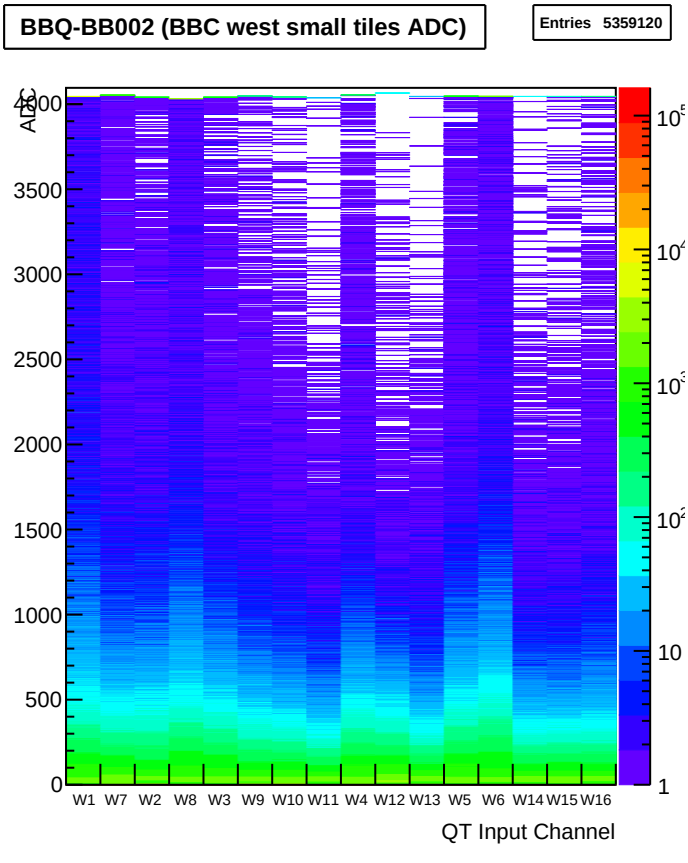

L2-TF201
Entries 0
TOF total mult(Real-Simu)

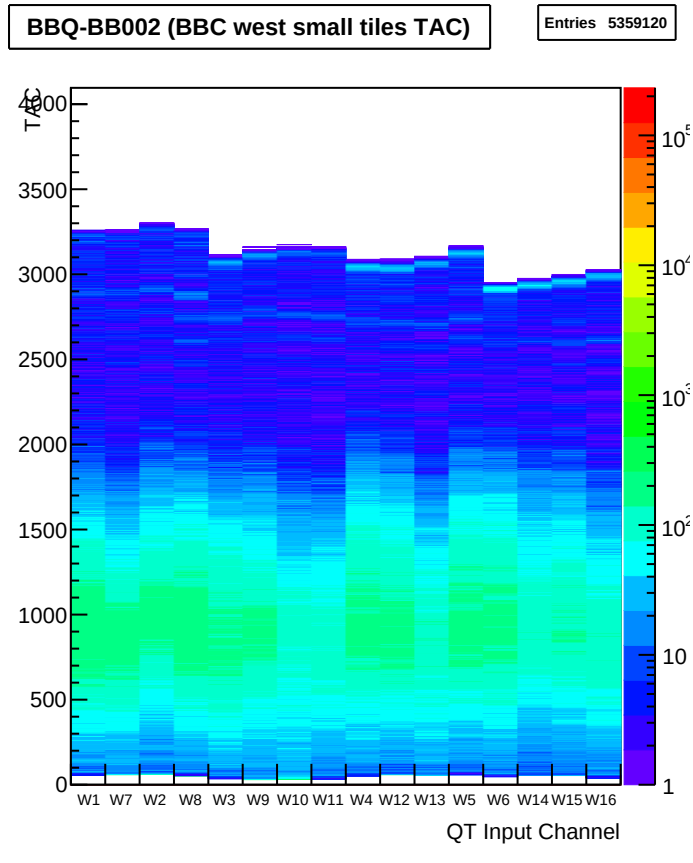

L2-TF201
Entries 2344615
Threshold/UPC bits
308386
310697
308460
311091
309046
307550
326627
26559
24248
26485
23854
25899
27395
8318
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

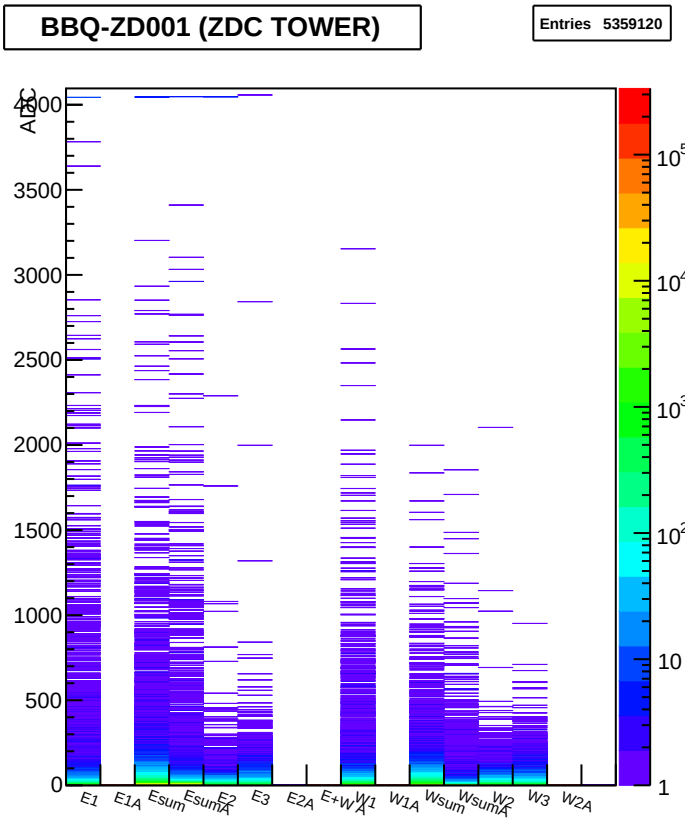

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

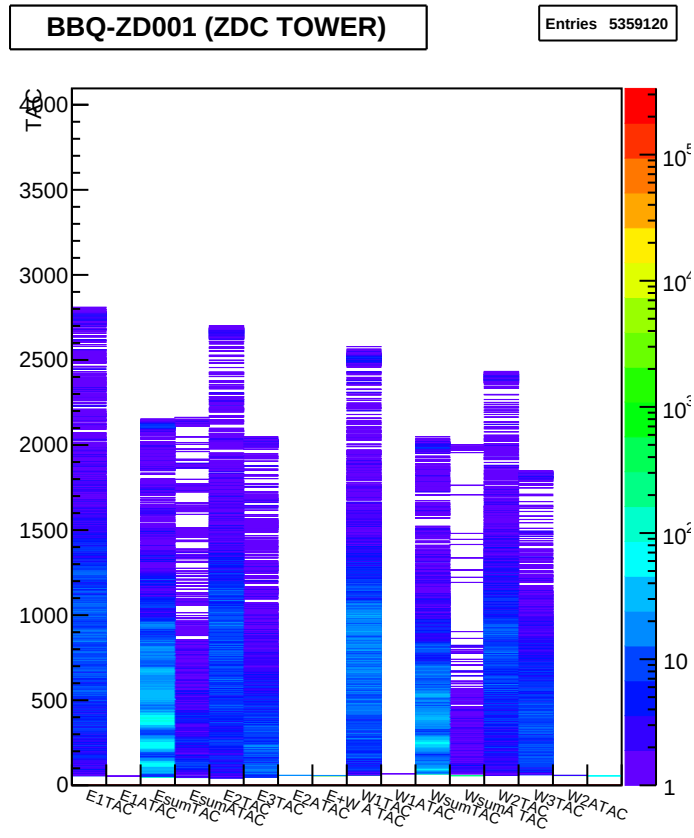

BBQ-BB001 (BBC east small tiles ADC)
Entries 5359120
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

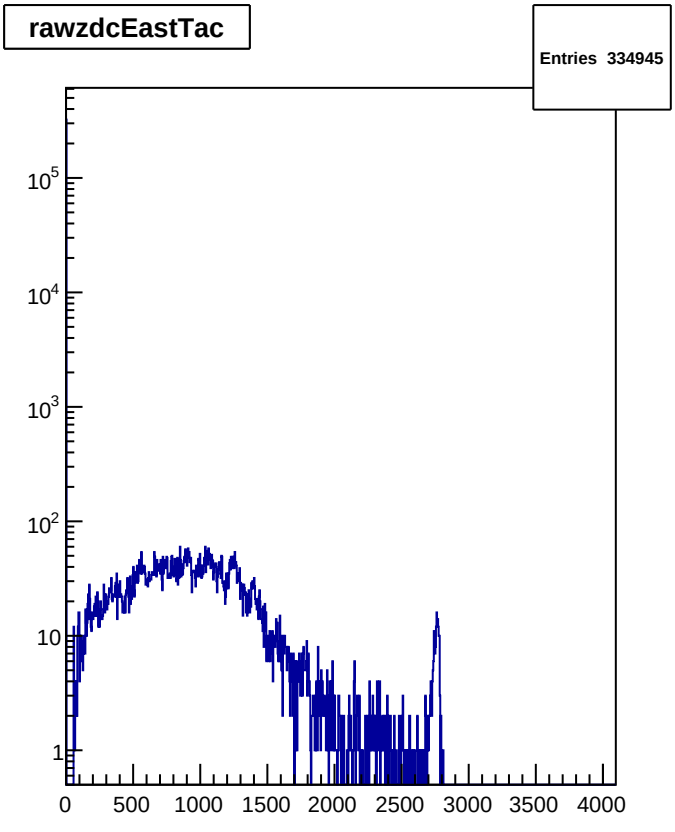

BBQ-BB001 (BBC east small tiles TAC)
Entries 5359120
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

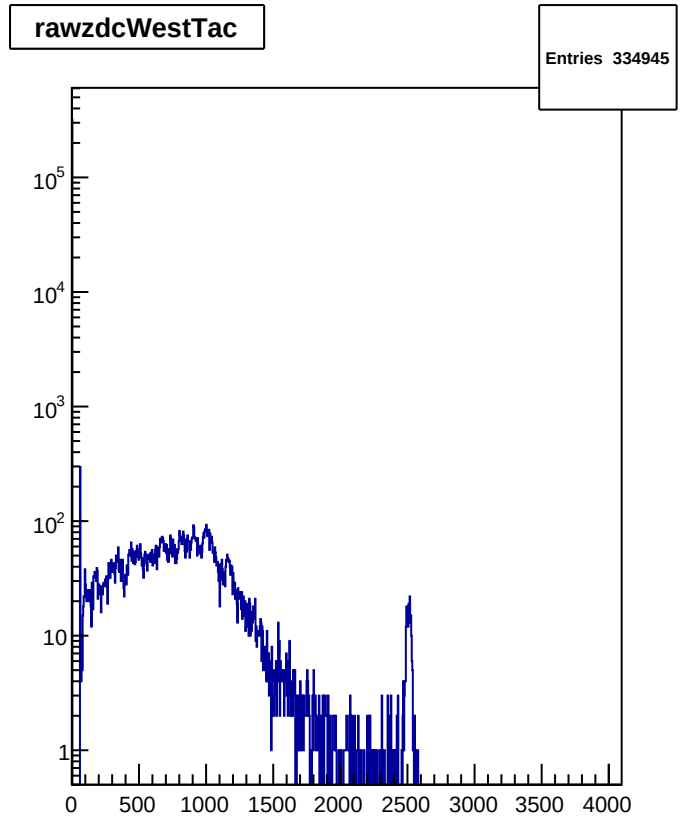

BBQ-BB002 (BBC west small tiles ADC)
Entries 5359120
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

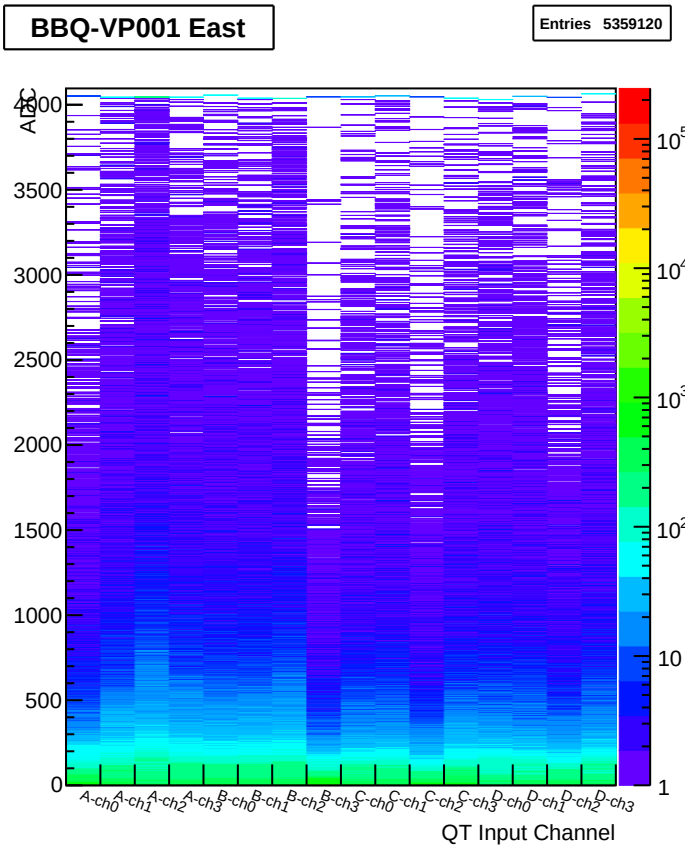

BBQ-BB002 (BBC west small tiles TAC)
Entries 5359120
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

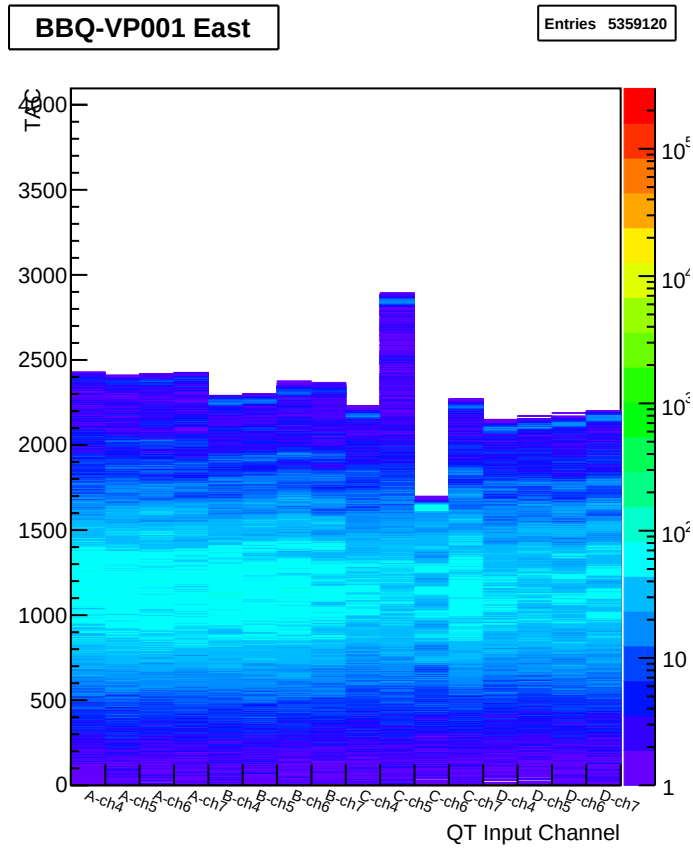

BBQ-ZD001 (ZDC TOWER)
Entries 5359120
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

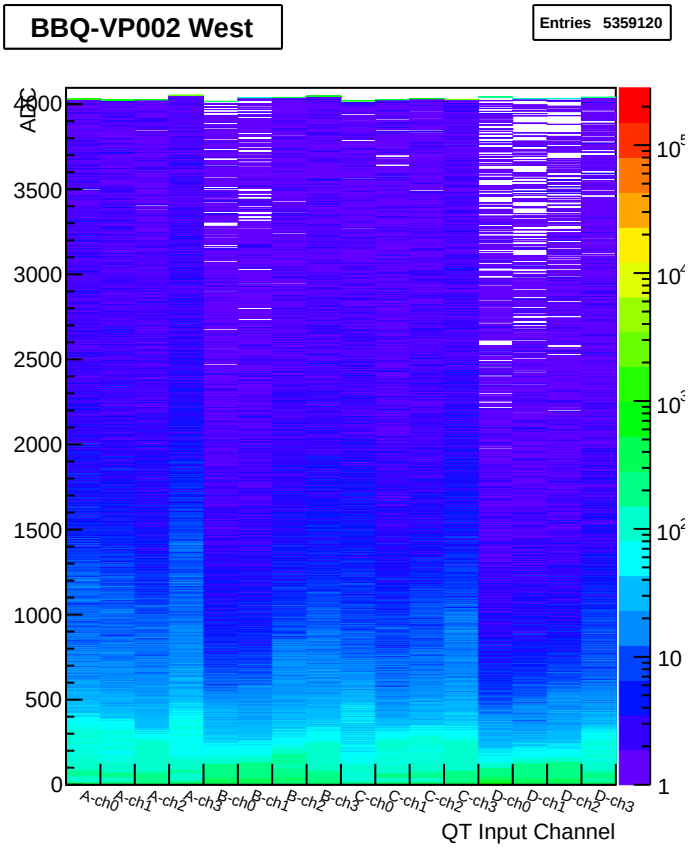

BBQ-ZD001 (ZDC TOWER)
Entries 5359120
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

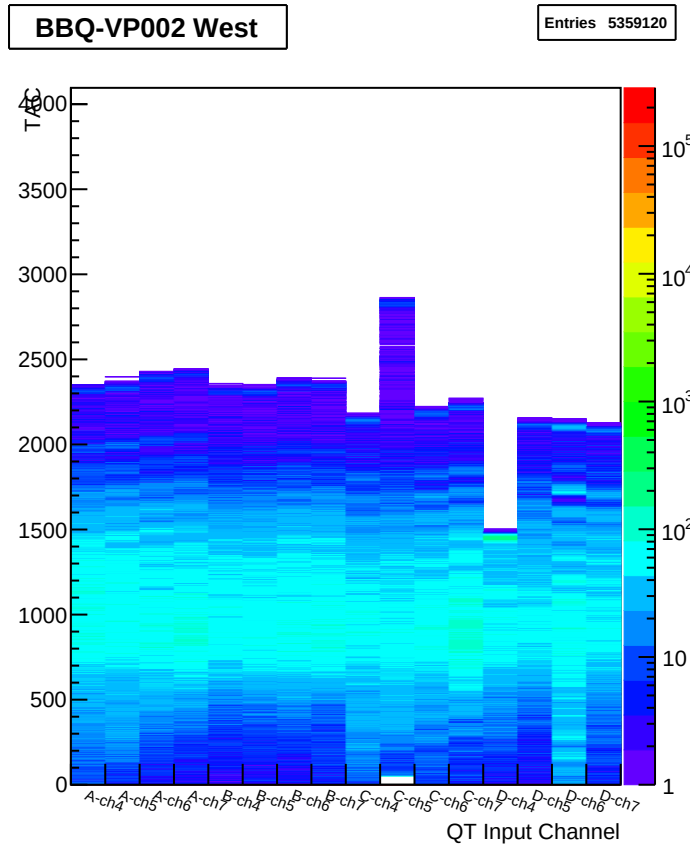

rawzdcEastTac
Entries 334945

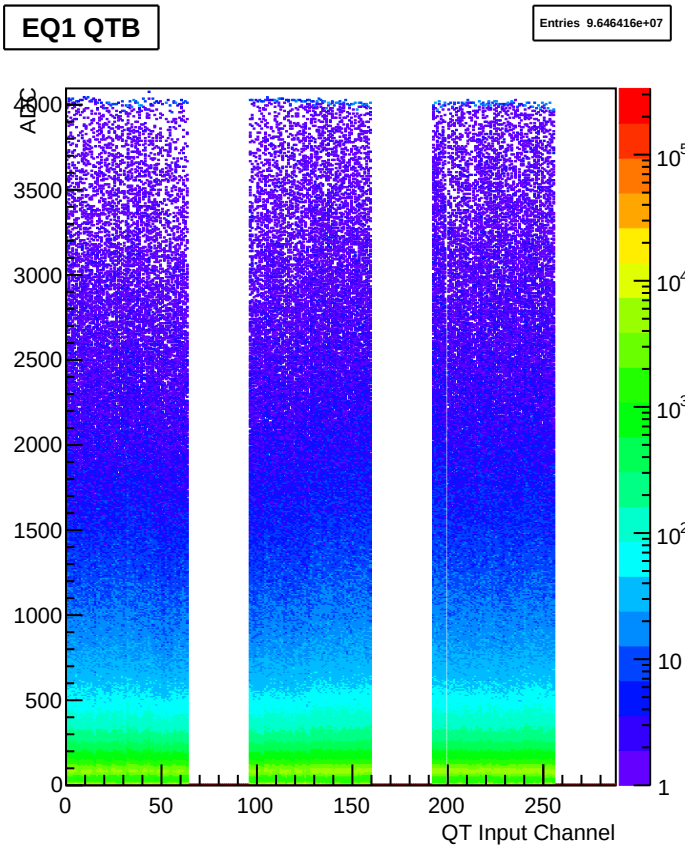

rawzdcWestTac
Entries 334945

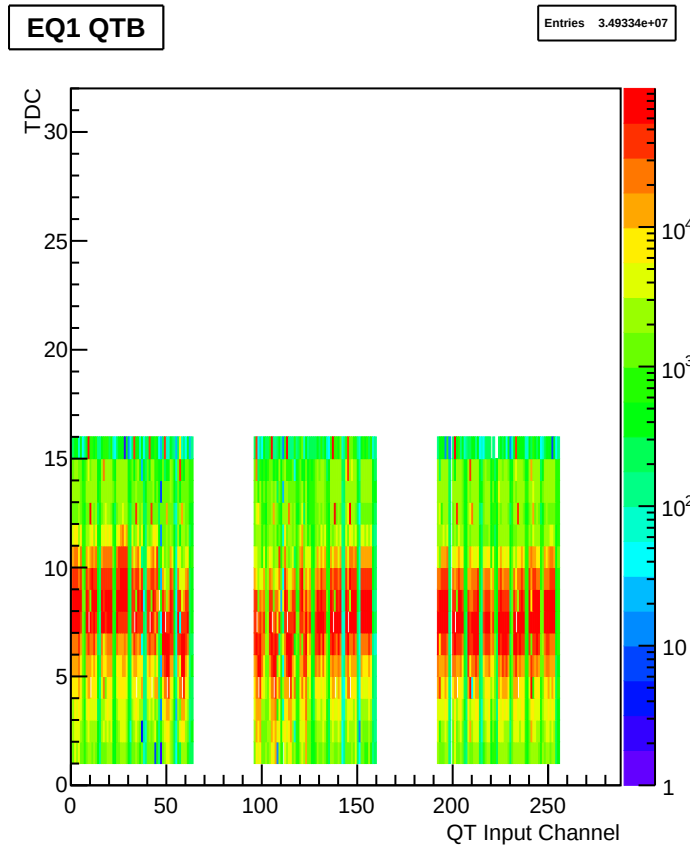

BBQ-VP001 East
Entries 5359120
ADC
QT Input Channel

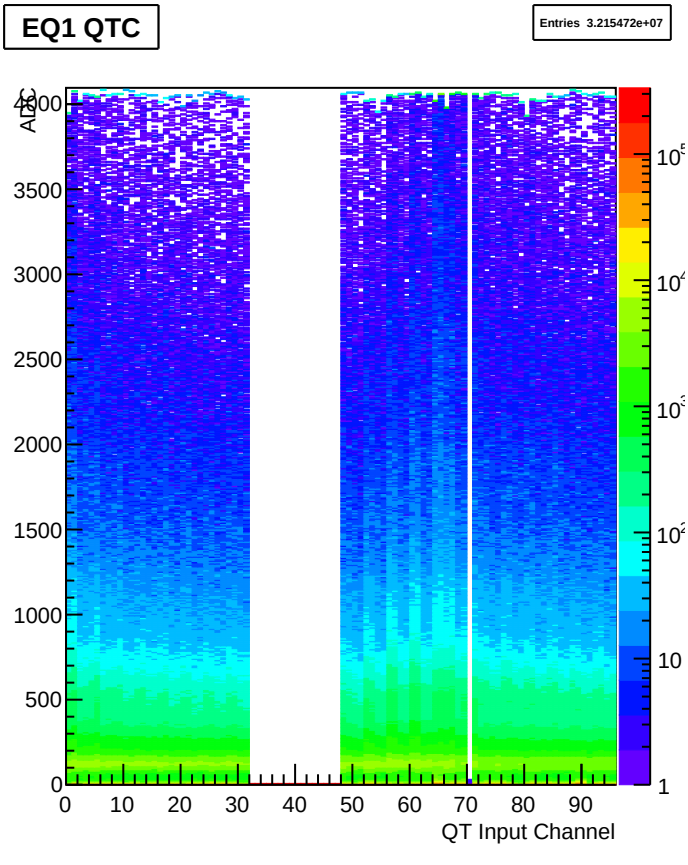

BBQ-VP001 East
Entries 5359120
TADC
QT Input Channel

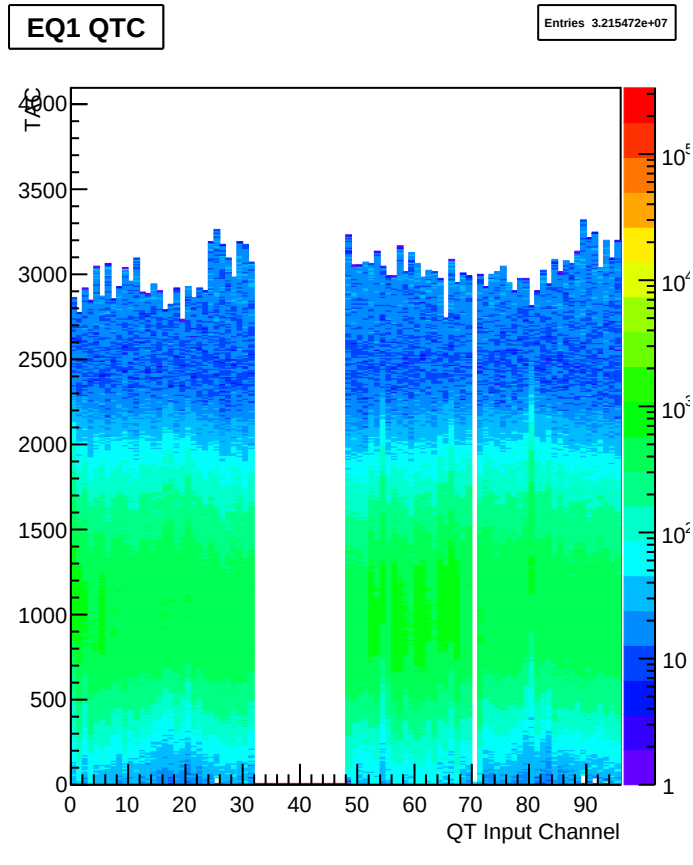

BBQ-VP002 West
Entries 5359120
ADC
QT Input Channel

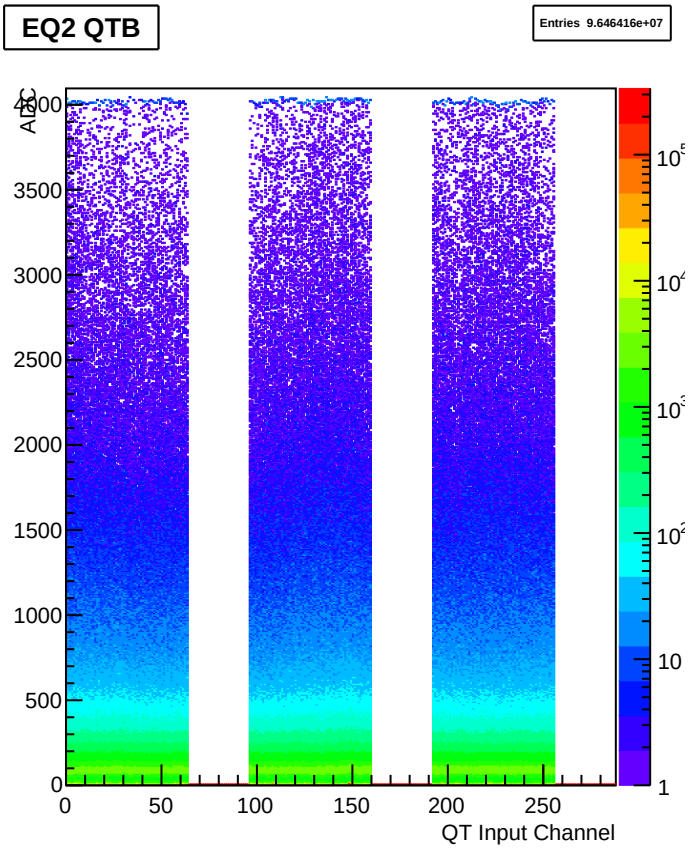

BBQ-VP002 West
Entries 5359120
TADC
QT Input Channel

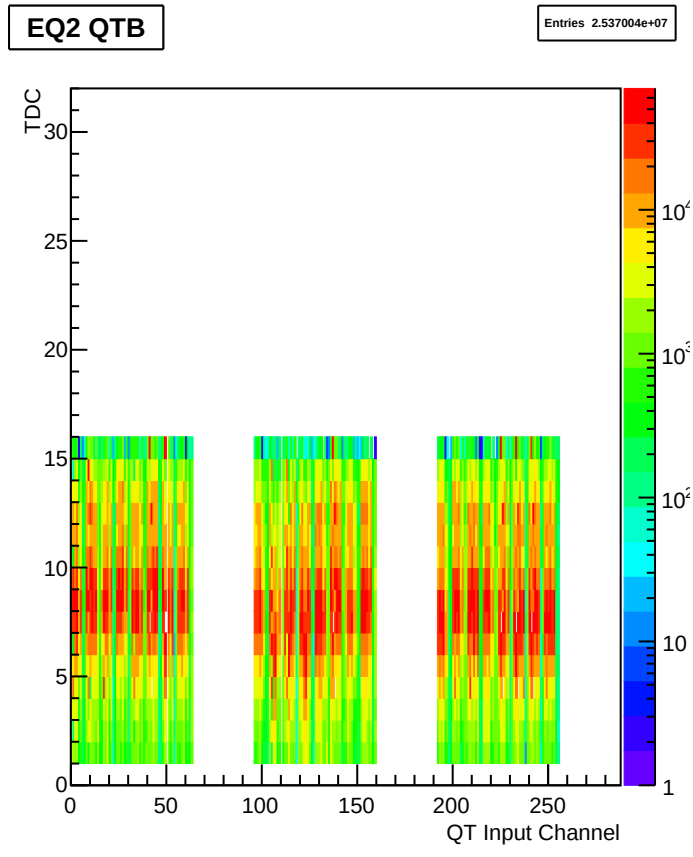

EQ1 QTB
Entries 9.646416e+07
ADC
QT Input Channel

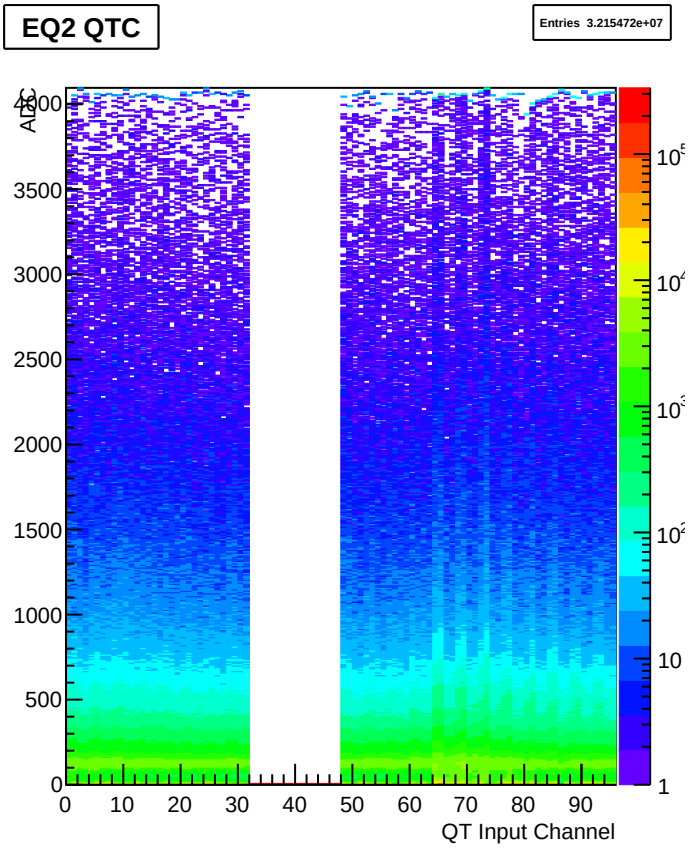

EQ1 QTB
Entries 3.49334e+07
TDC
QT Input Channel

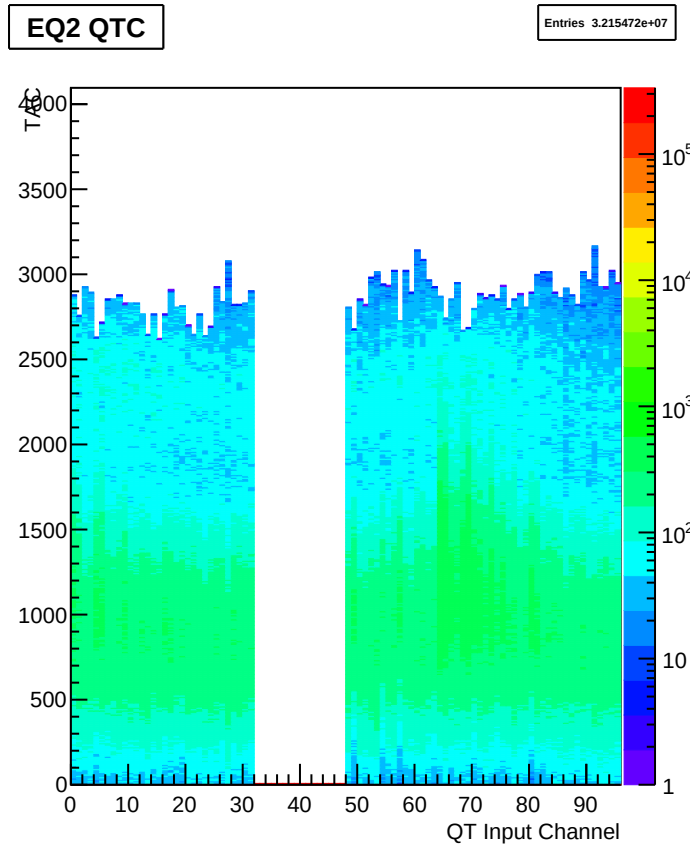

EQ1 QTC
Entries 3.215472e+07
ADC
QT Input Channel

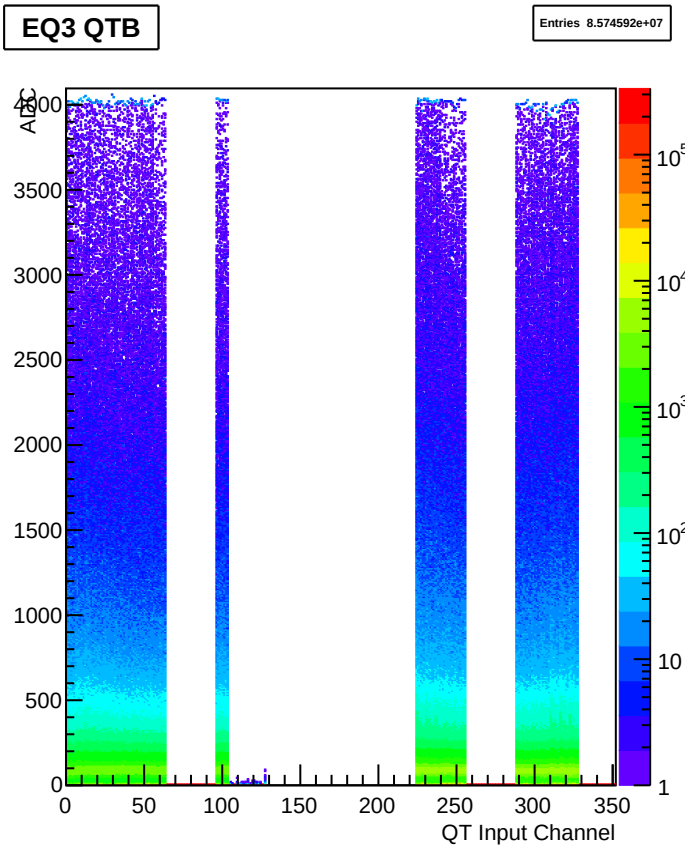

EQ1 QTC
Entries 3.215472e+07
TADC
QT Input Channel

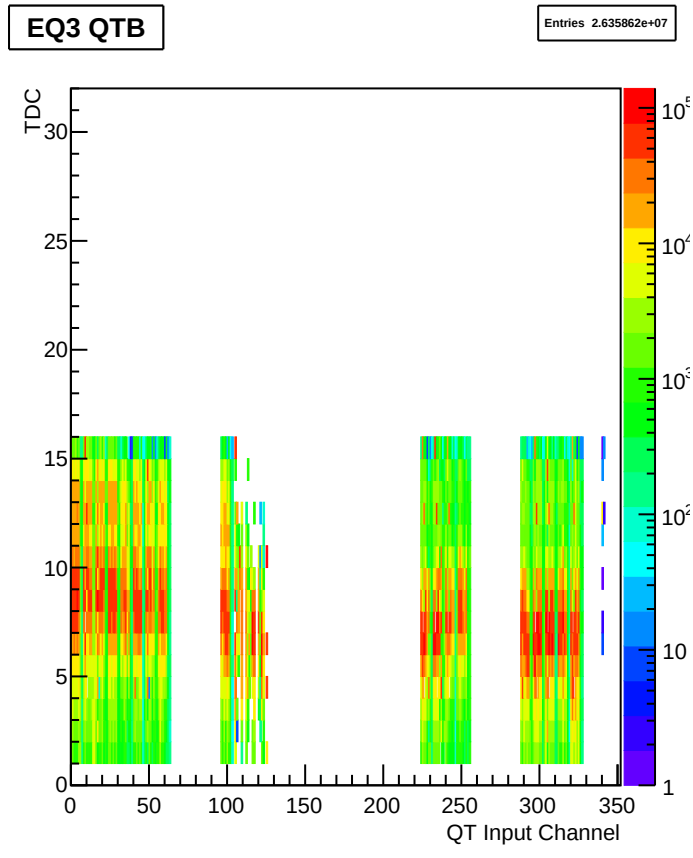

EQ2 QTB
Entries 9.646416e+07
ADC
QT Input Channel

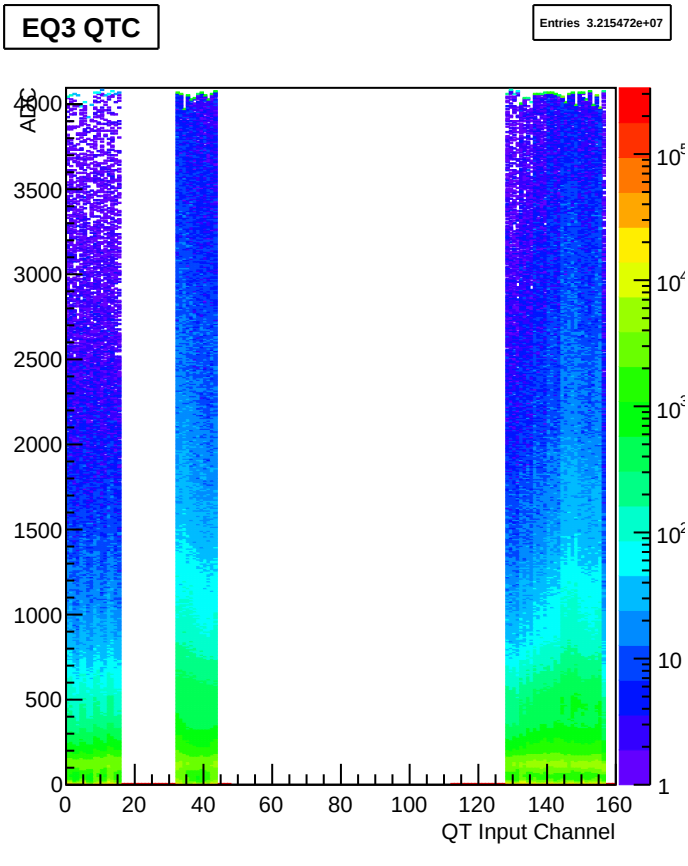

EQ2 QTB
Entries 2.537004e+07
TDC
QT Input Channel

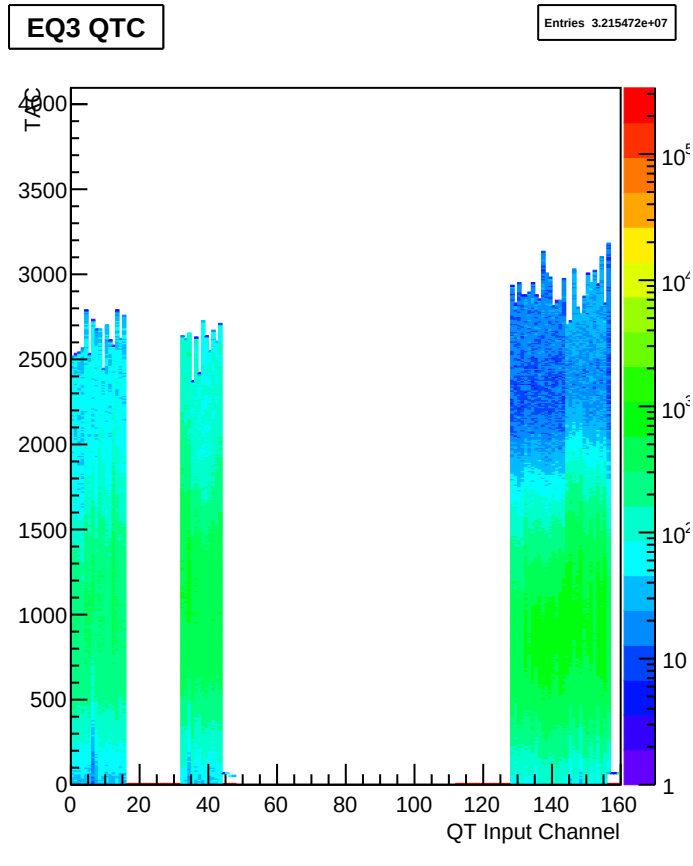

EQ2 QTC
Entries 3.215472e+07
ADC
QT Input Channel

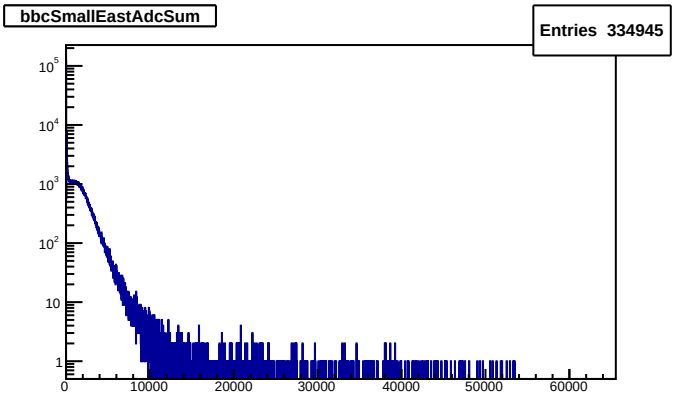

EQ2 QTC
Entries 3.215472e+07
TADC
QT Input Channel

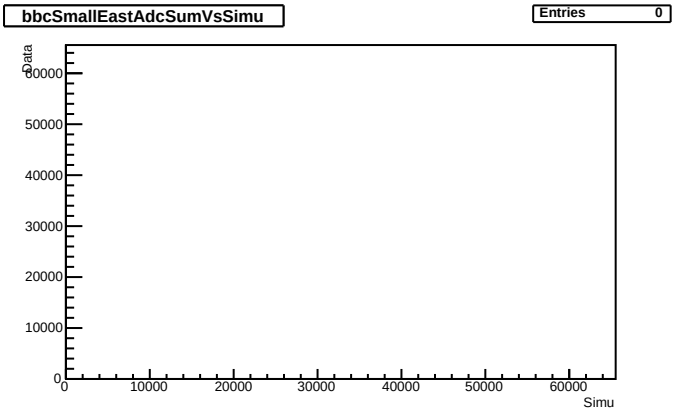

EQ3 QTB
Entries 8.574592e+07
ADC
QT Input Channel

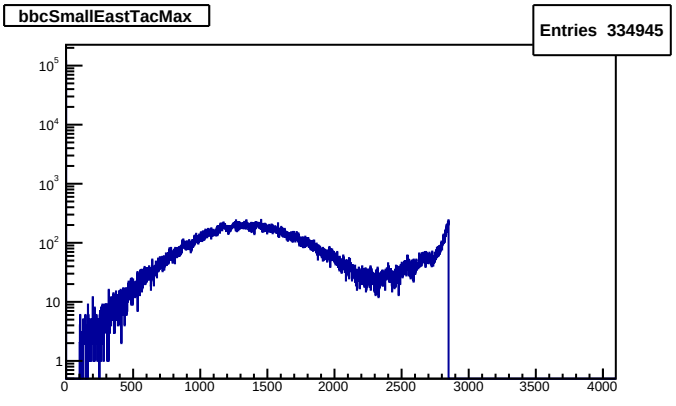

EQ3 QTB
Entries 2.635862e+07
TDC
QT Input Channel

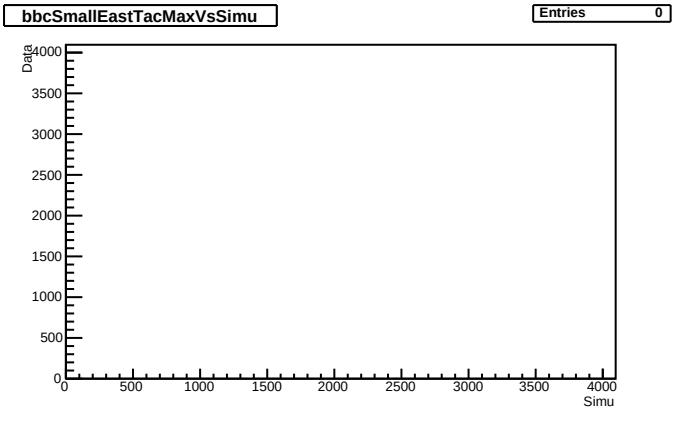

EQ3 QTC
Entries 3.215472e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.215472e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 334945


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 334945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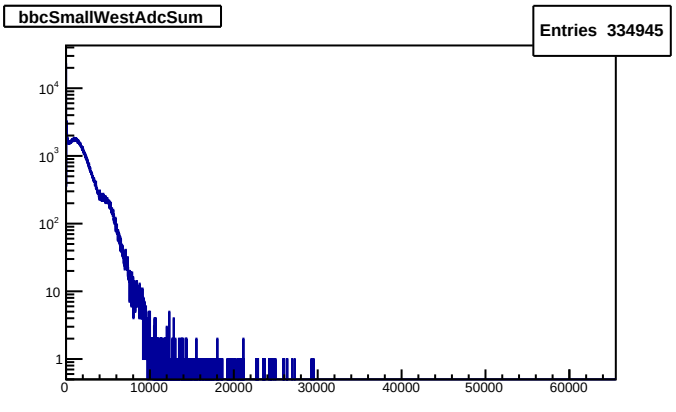
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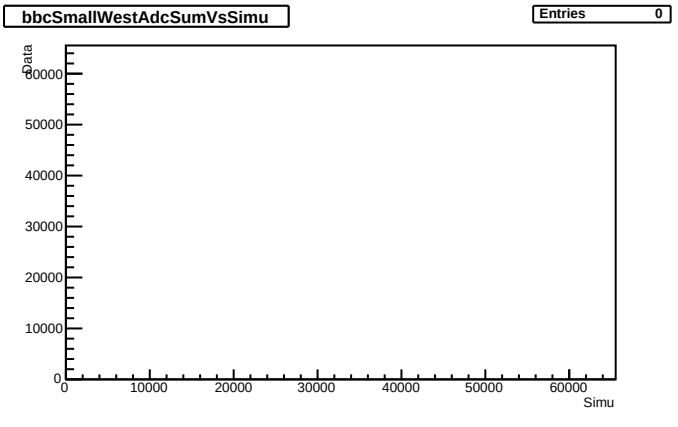
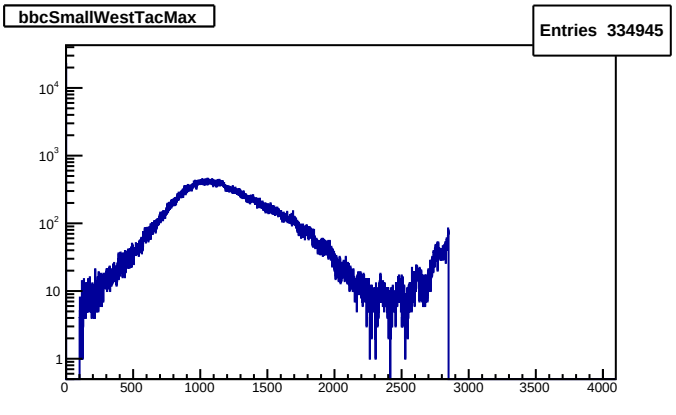
Entries 334945


bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu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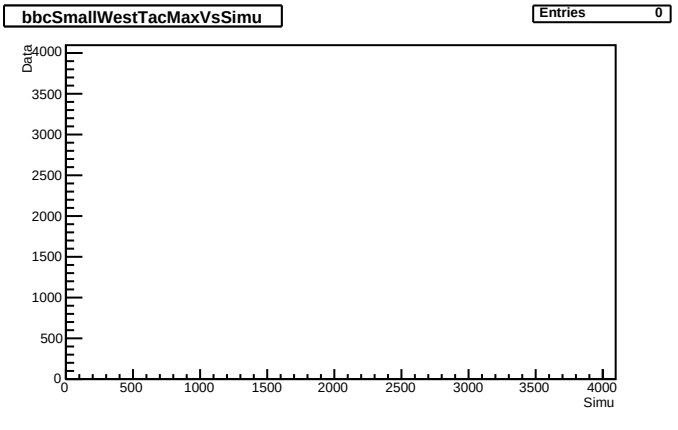
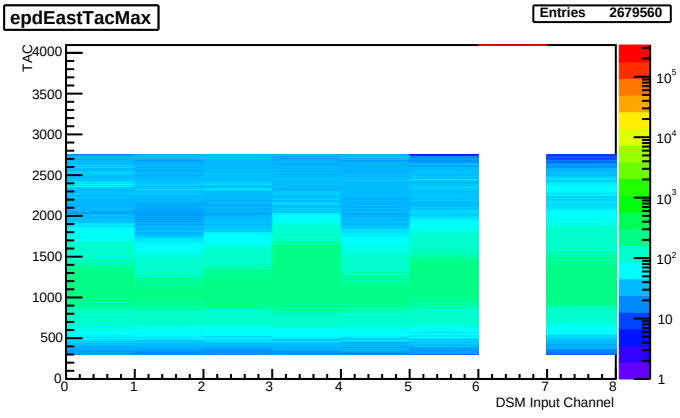
Entries 334945


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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Entries 2679560
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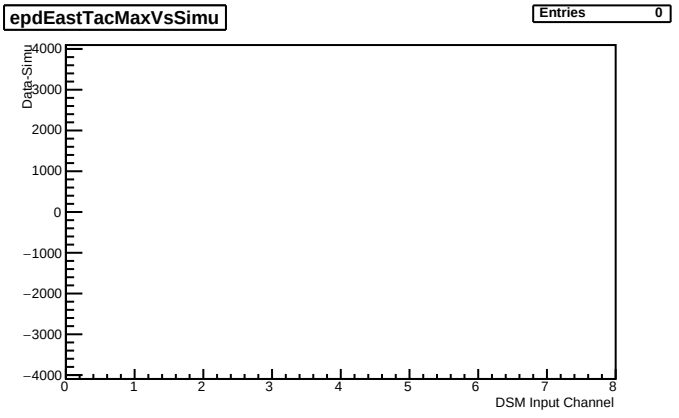
DSM Input Channel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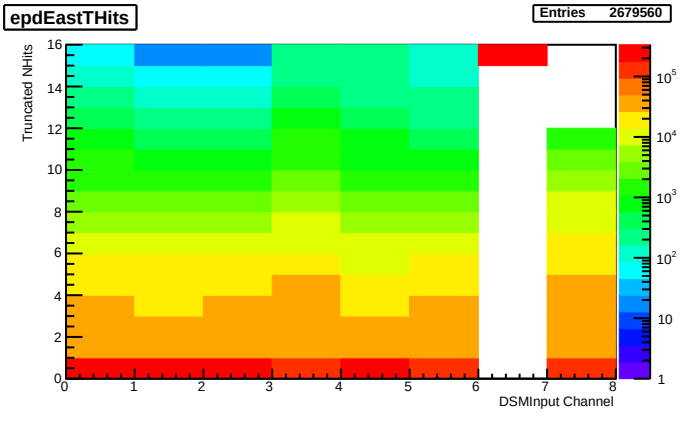
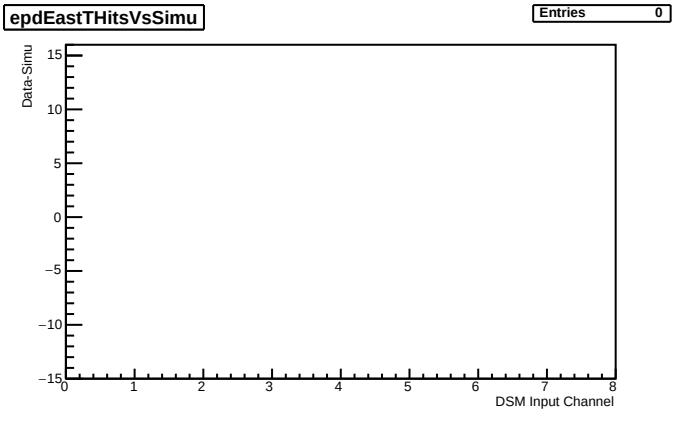
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2679560
Truncated NHits
DSMInput Channel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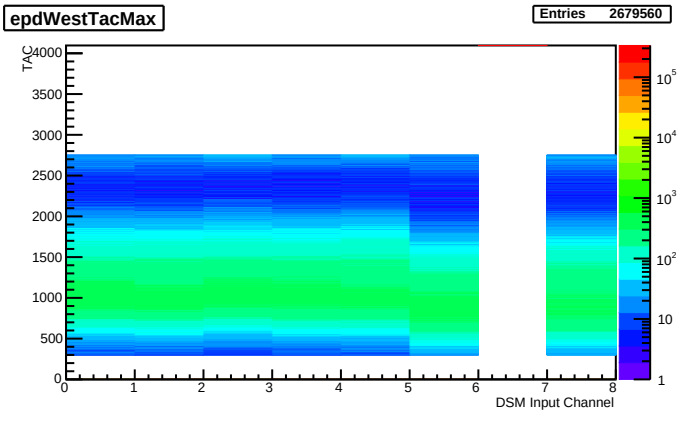
Data-Simu
DSM Input Channel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Entries 2679560
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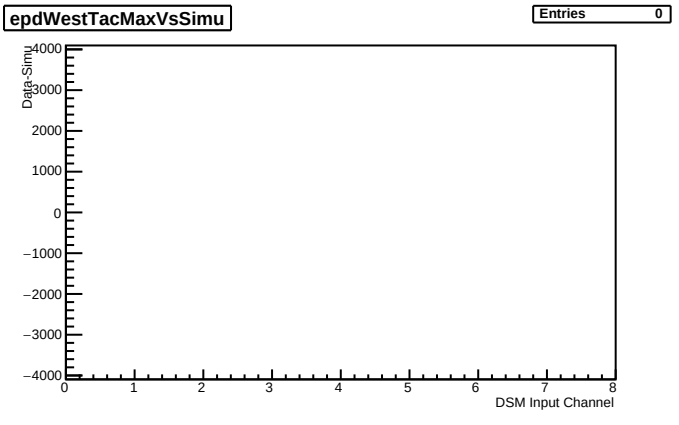
DSM Input Channel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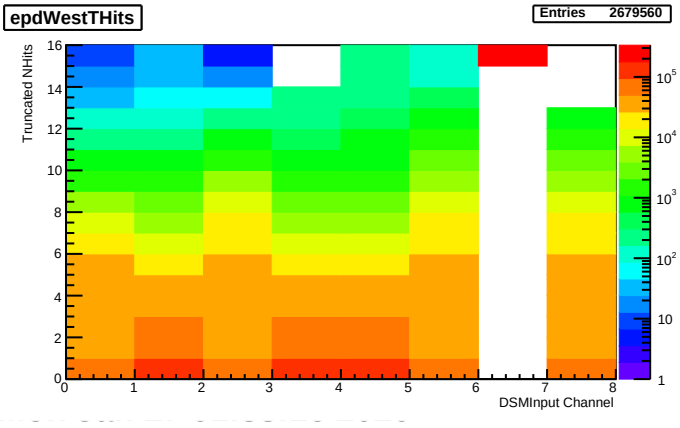
Entries 0
Data-Simu
DSM Input Channel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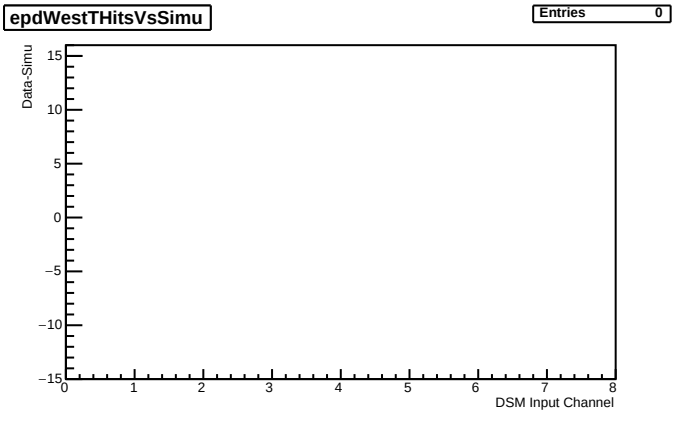
Entries 2679560
Truncated NHits
DSMInput Channel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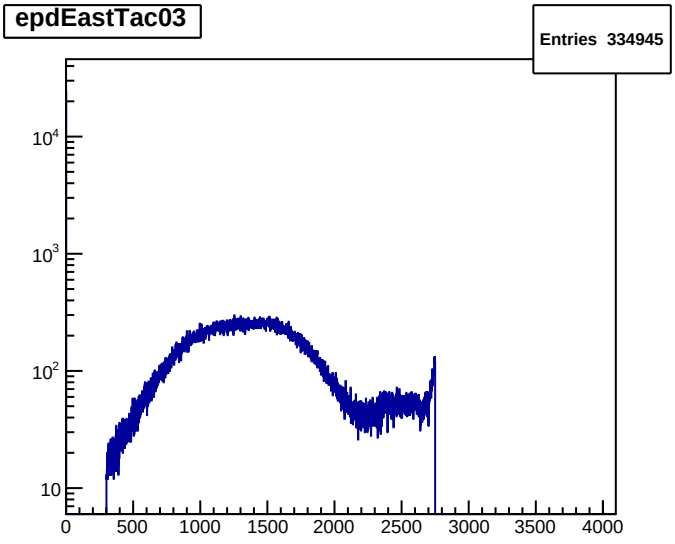
Entries 0
Data-Simu
DSM Input Channel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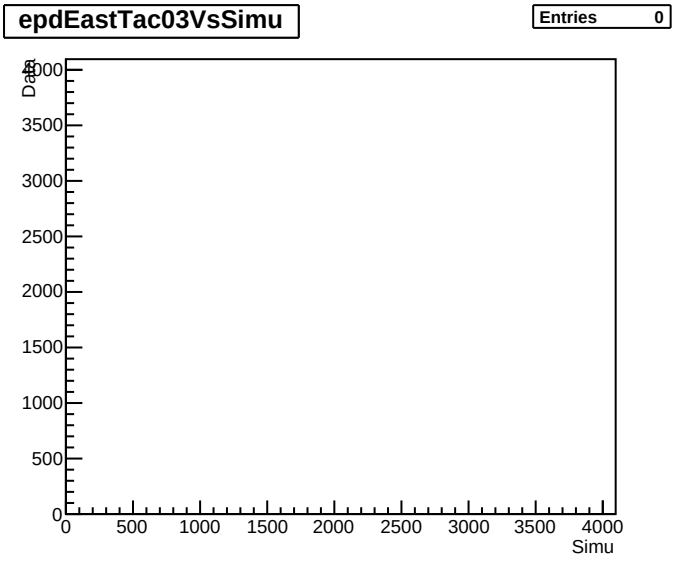
Entries 334945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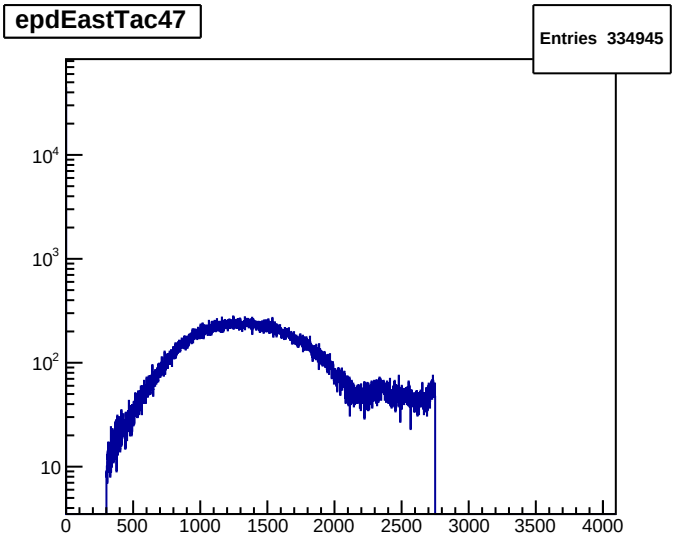
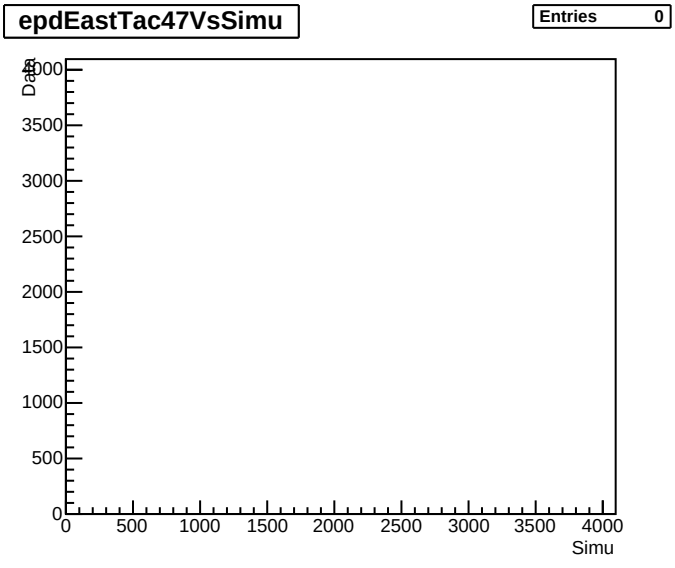
Entries 0
Data
Simu


epdEastTac47
Entries 334945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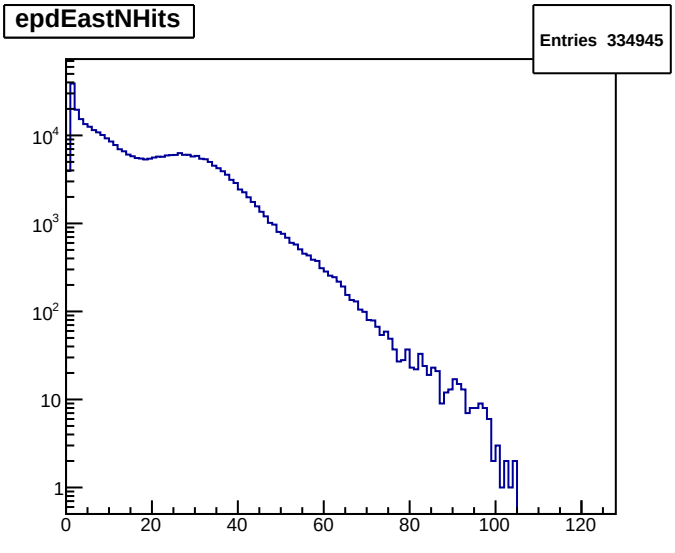
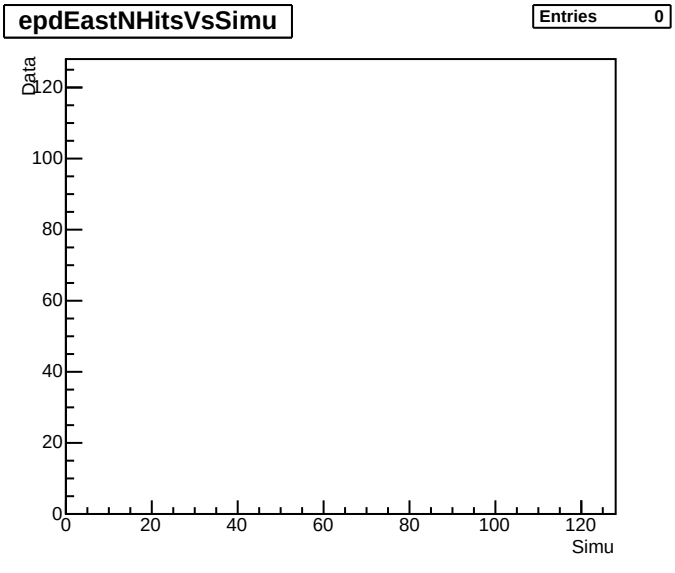
Entries 0
Data
Simu


epdEastNHits
Entries 334945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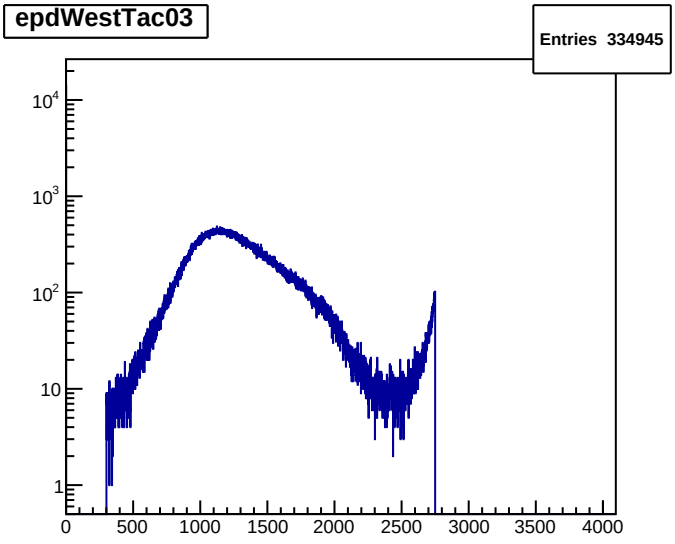
Data
Simu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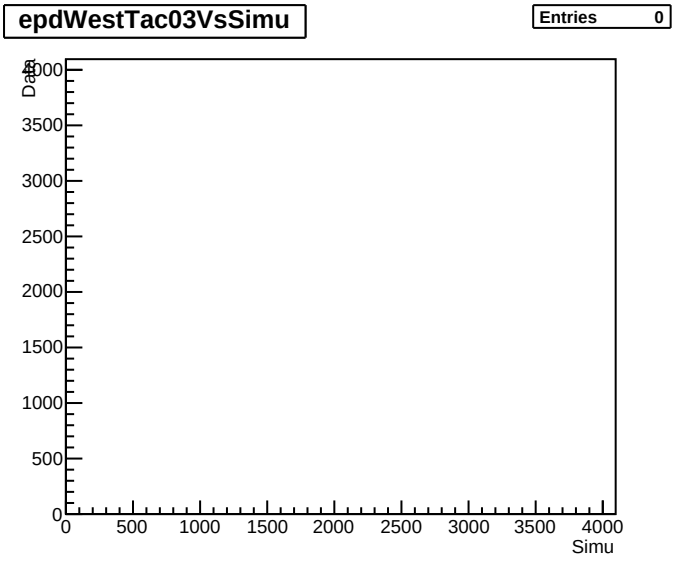
Entries 334945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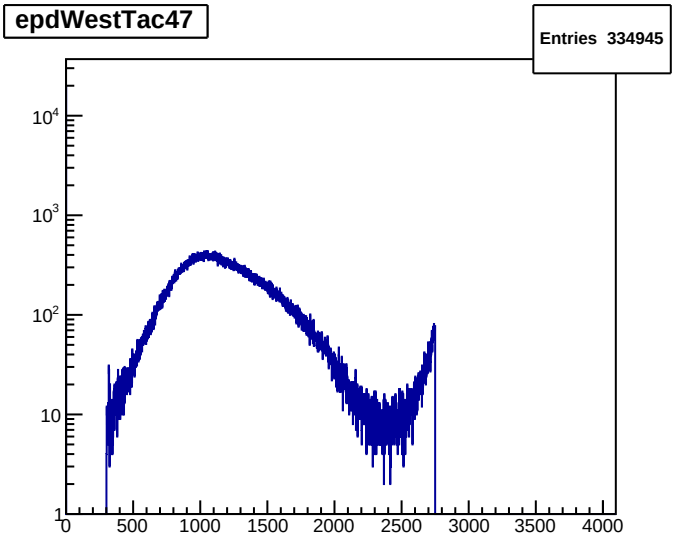
Entries 0
Data
Simu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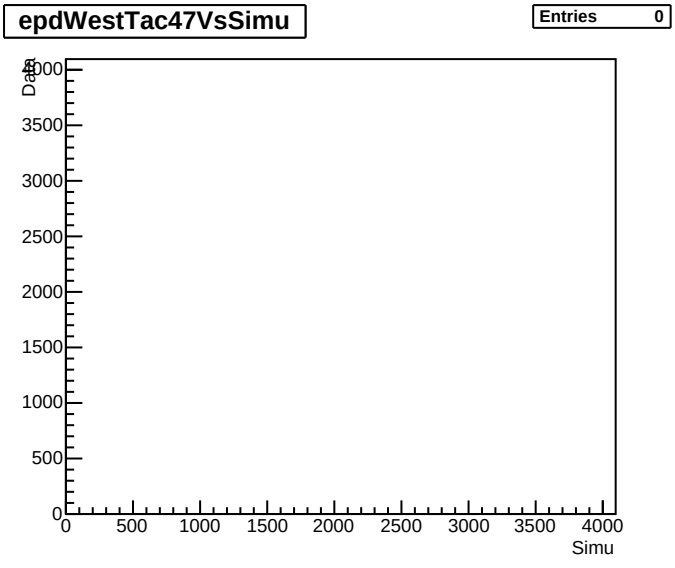
Entries 334945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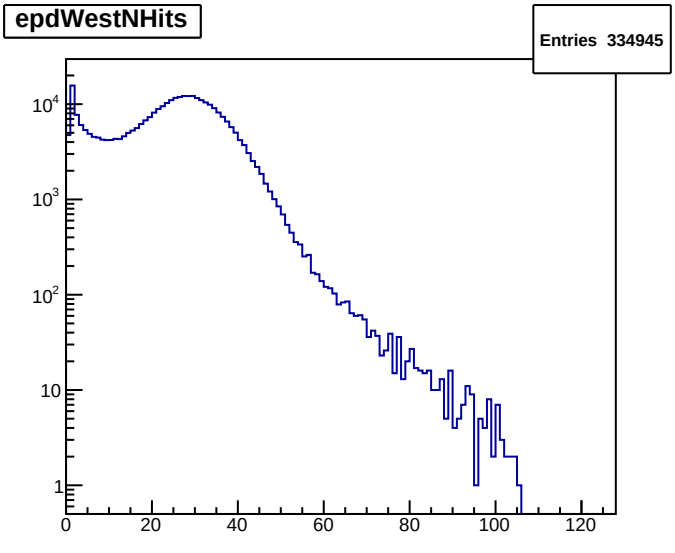
Entries 0
Data
Simu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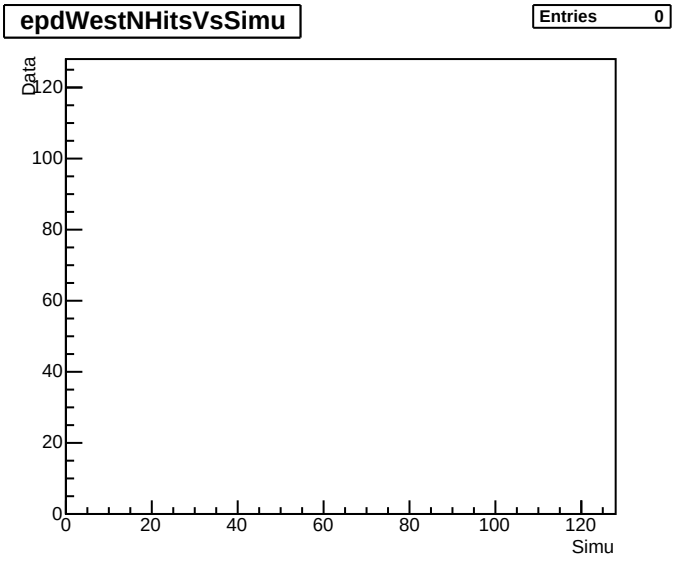
Entries 334945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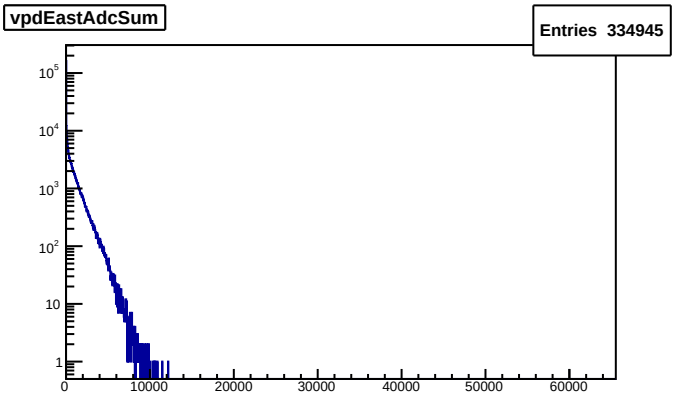
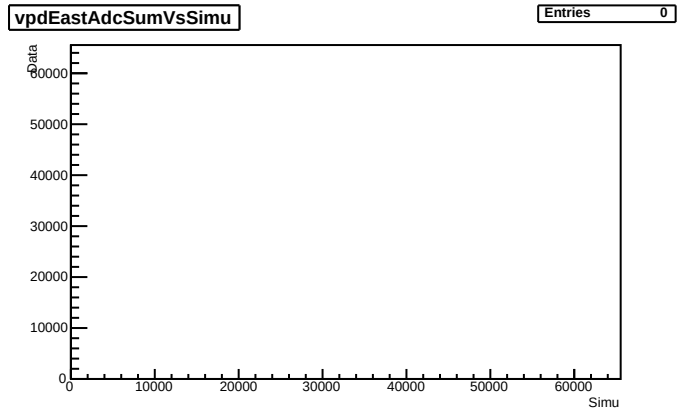
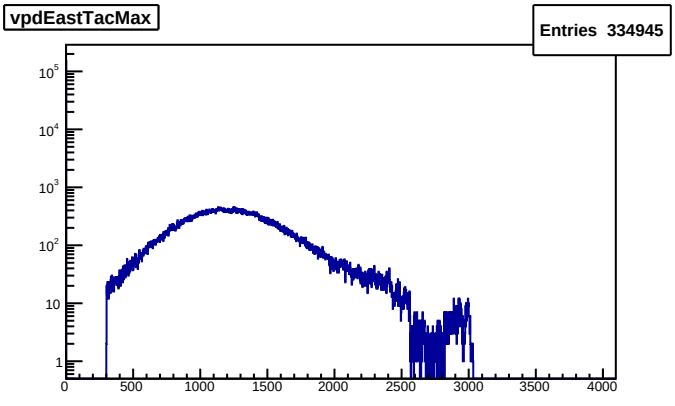
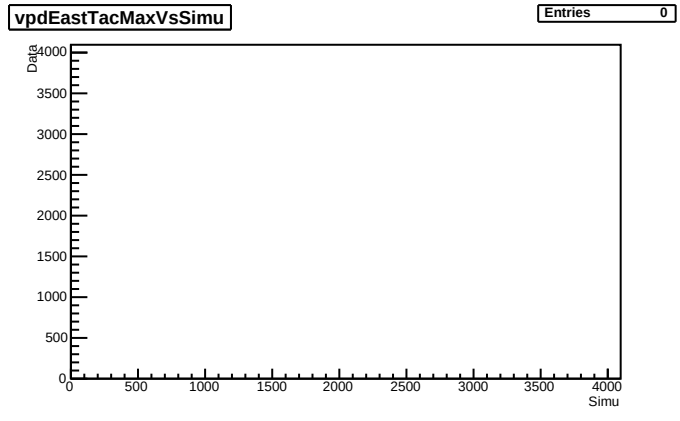
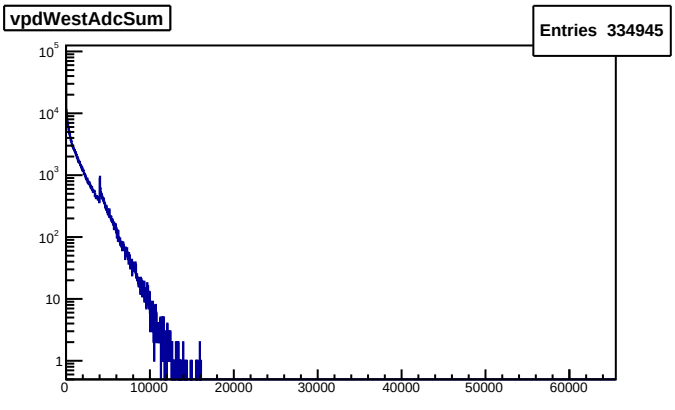
Entries 0
Data
Simu


vpdEastAdcSum
Entries 334945


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 334945


vpdEastTacMaxVsSimu
Entries 0
Data
Simu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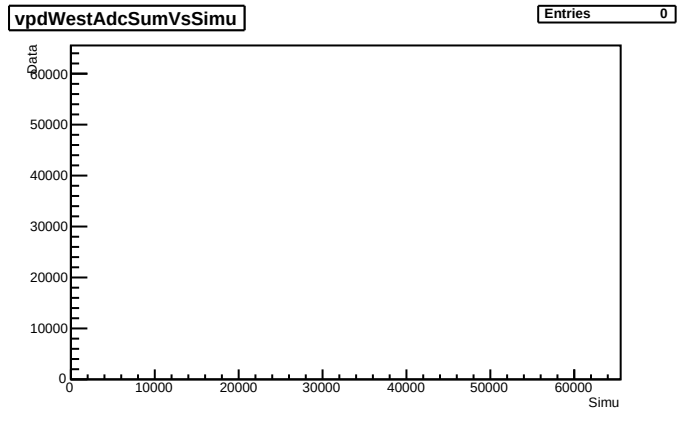
Entries 334945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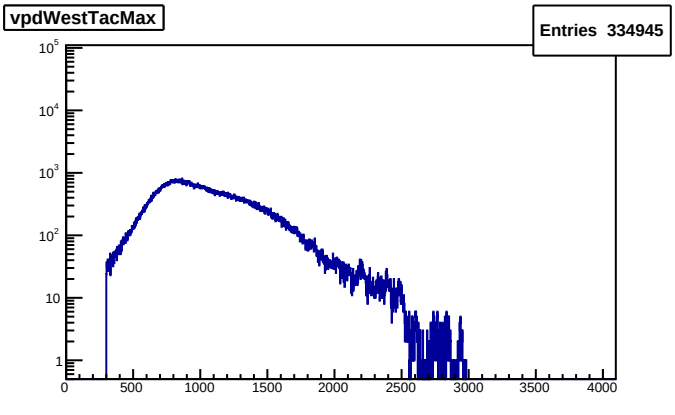
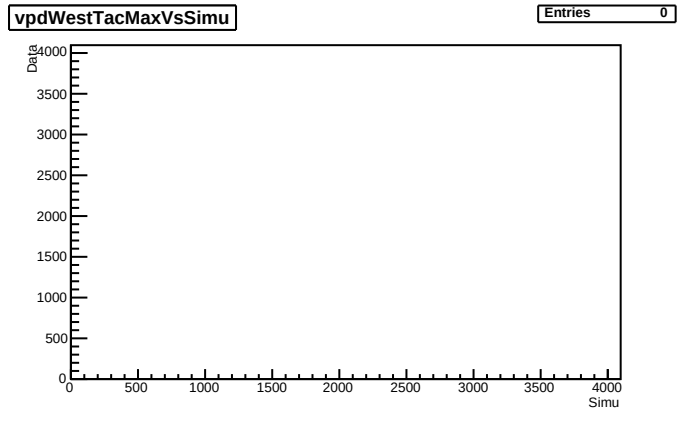
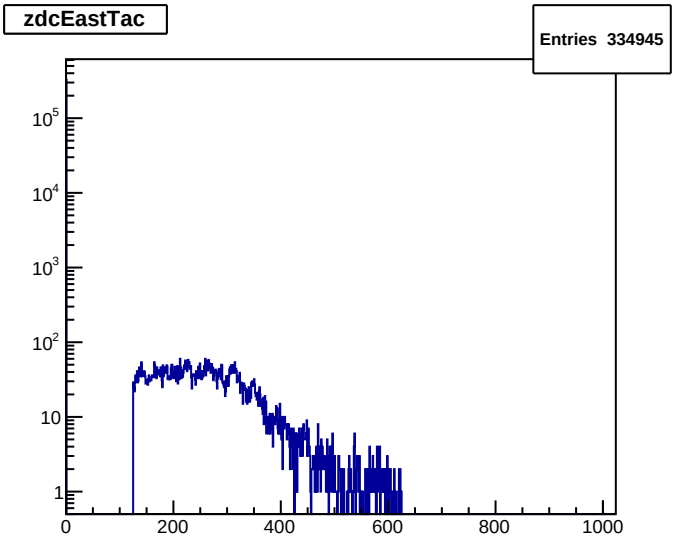
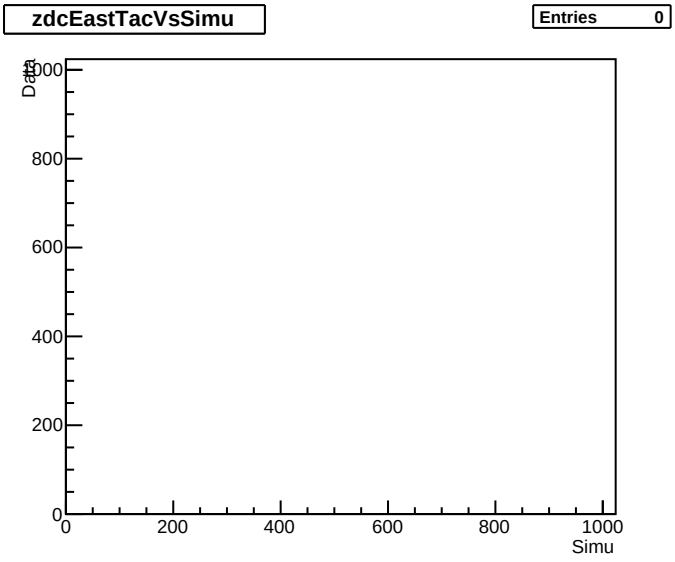
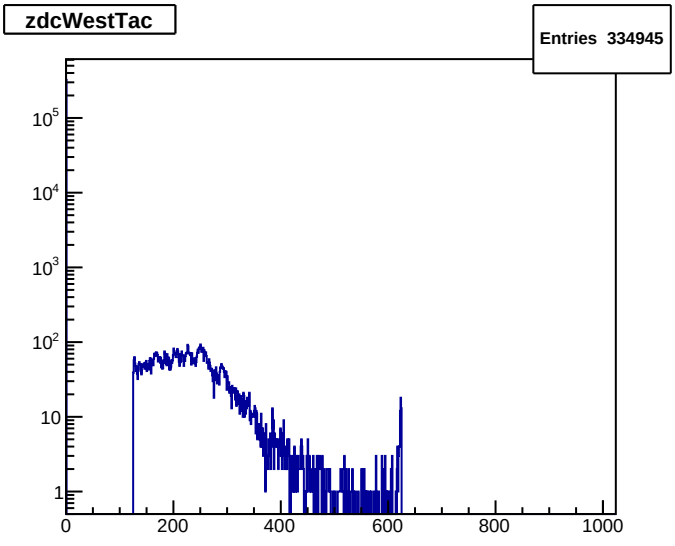
Entries 0
Data
Simu

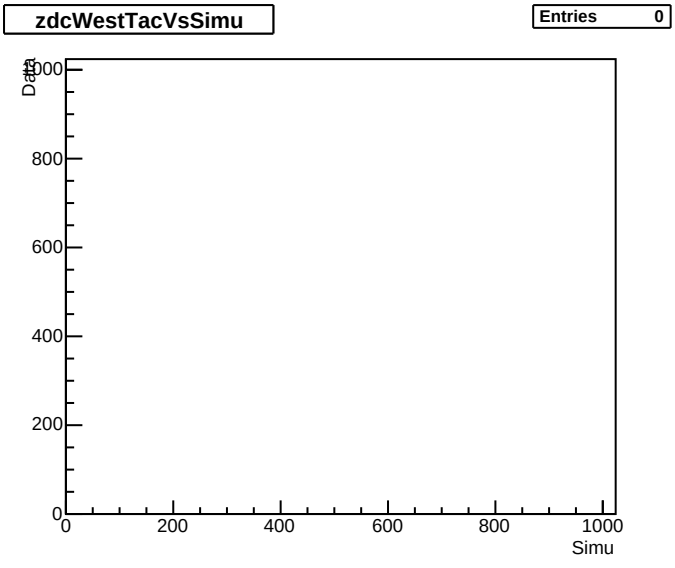

vpdWestTacMax
Entries 334945

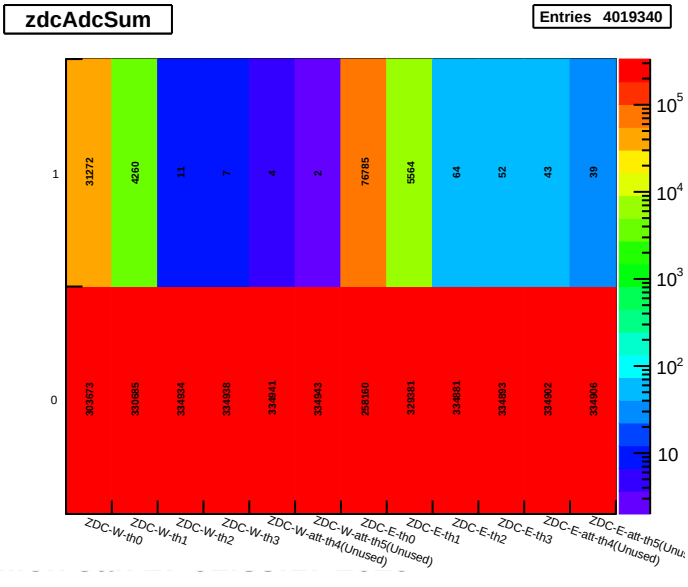

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 334945
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


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


zdcWestTac
Entries 334945
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 4019340
1
0
31272
4260
11
7
4
2
76785
5564
64
52
43
39
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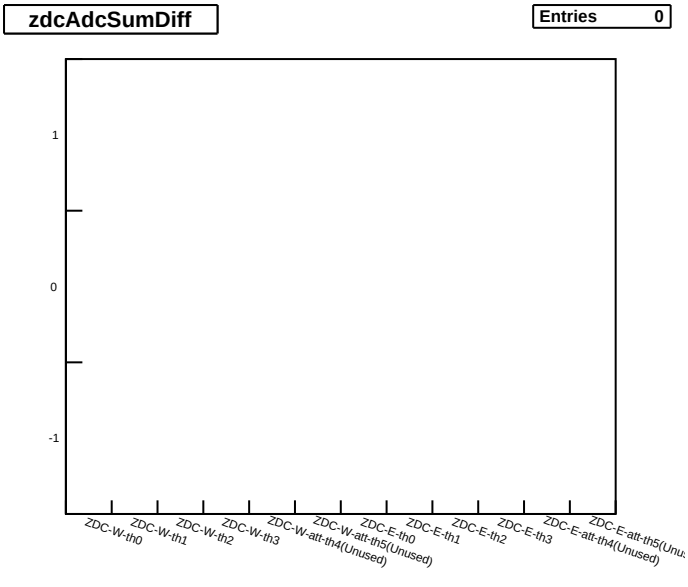
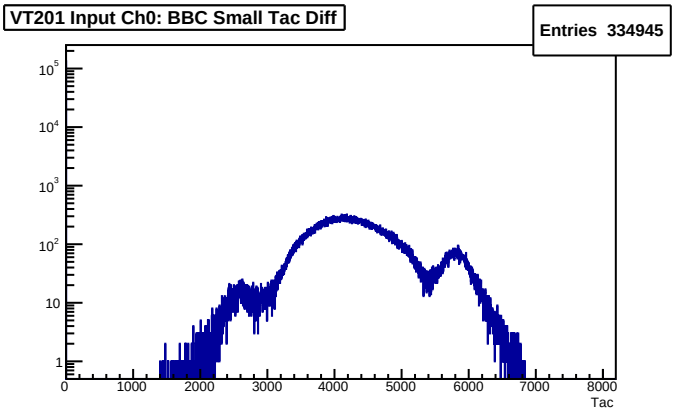
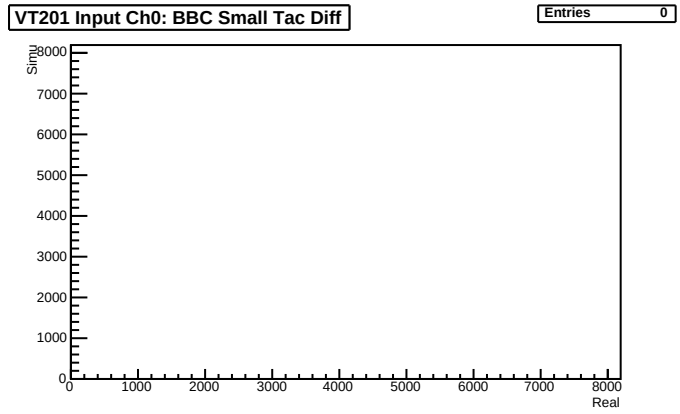
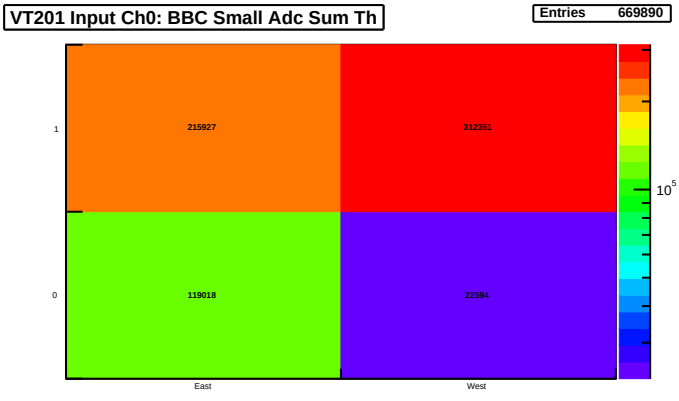
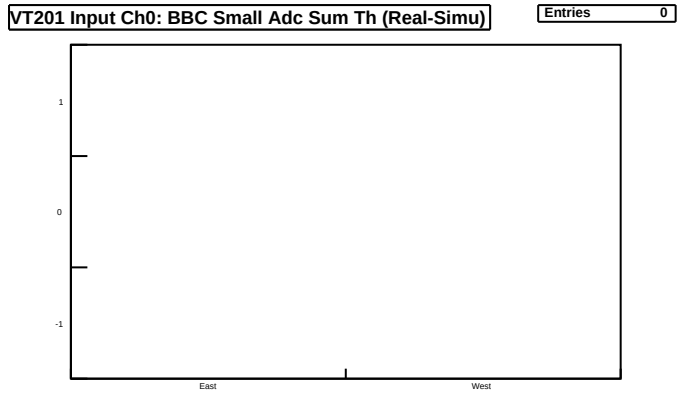
330685
334934
334938
334941
334943
258160
329381
334881
334893
334902
334906
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

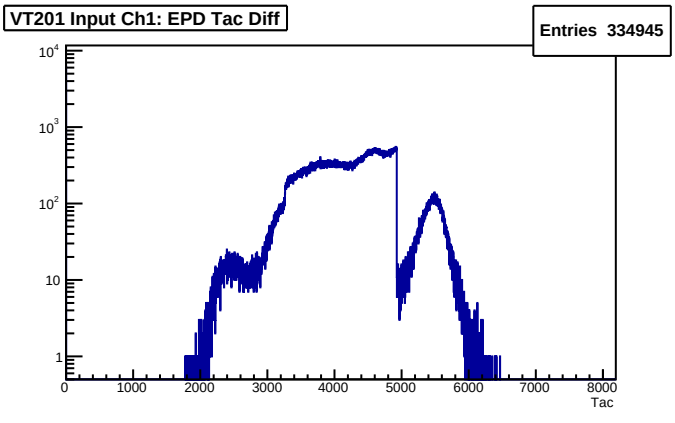

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

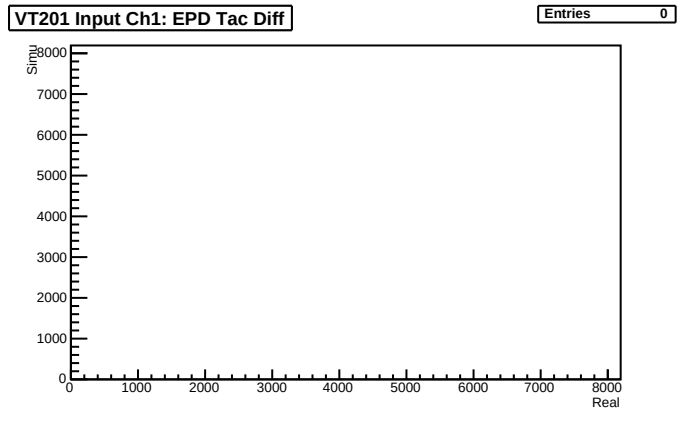

VT201 Input Ch0: BBC Small Tac Diff
Entries 334945
Tac

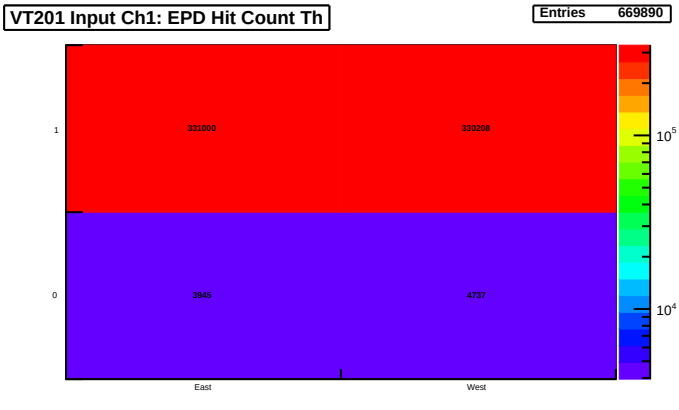

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

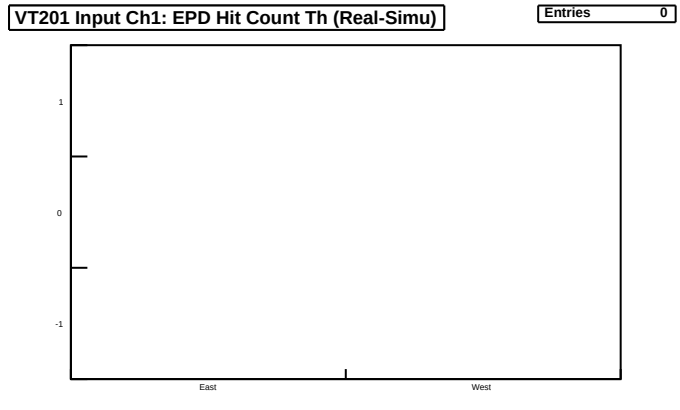

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 669890
215927
312351
119018
22594
East
West

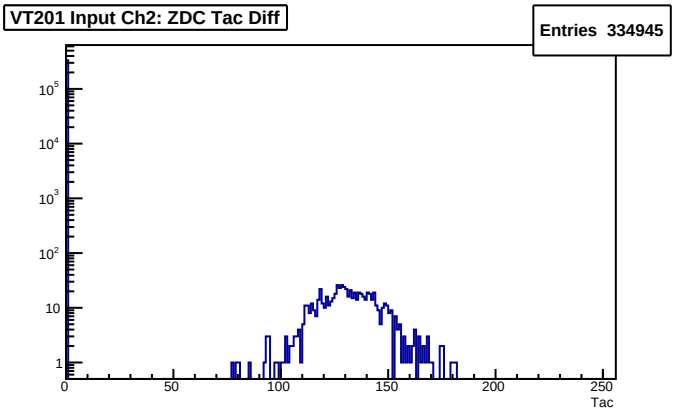

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

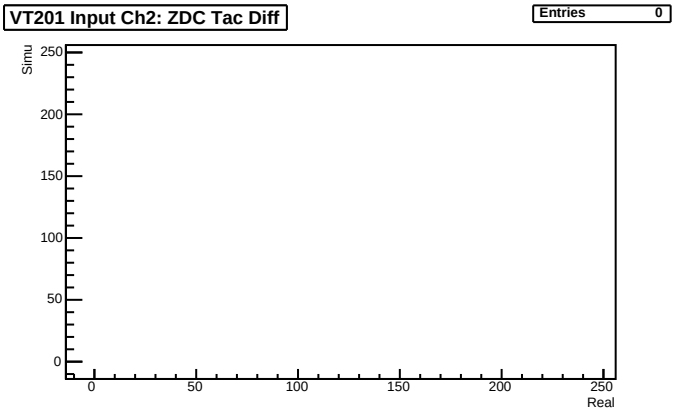

VT201 Input Ch1: EPD Tac Diff
Entries 334945
Tac

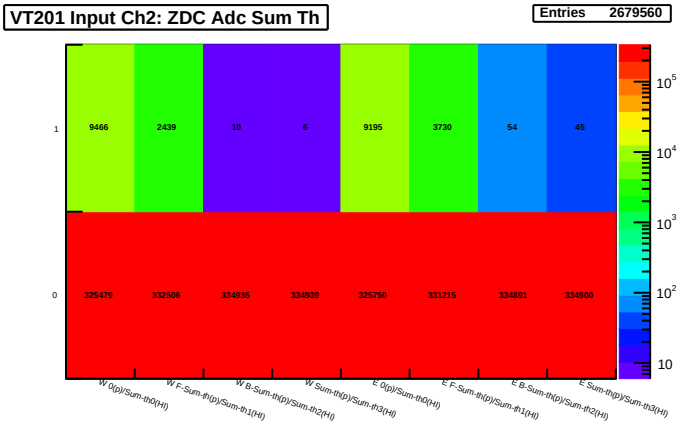

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

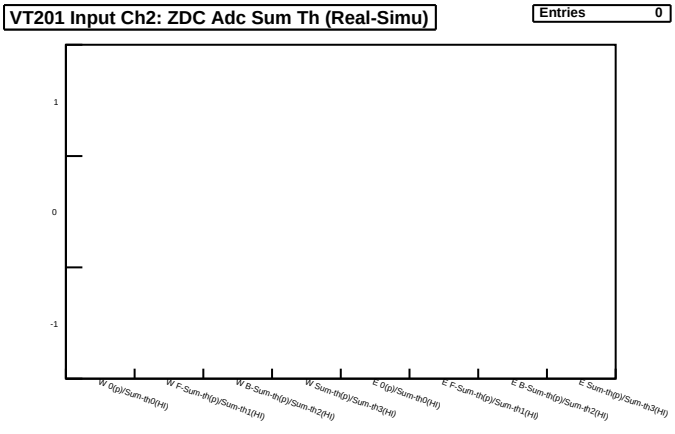

VT201 Input Ch1: EPD Hit Count Th
Entries 669890
331000
330208
3945
4737
East
West

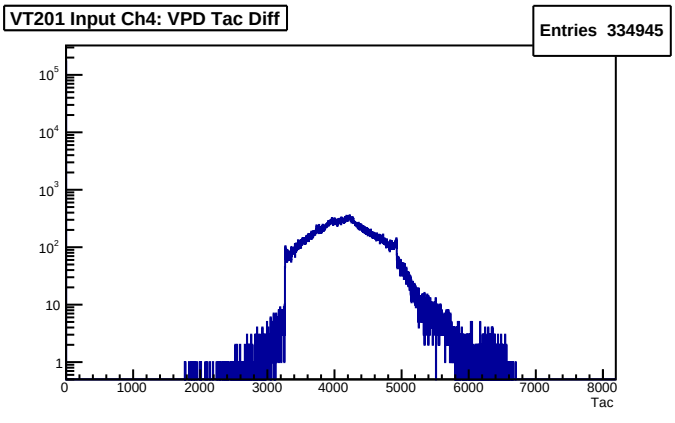

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

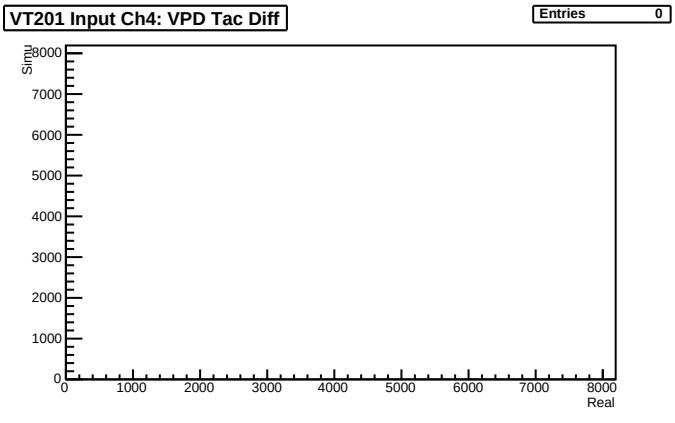

VT201 Input Ch2: ZDC Tac Diff
Entries 334945
Tac

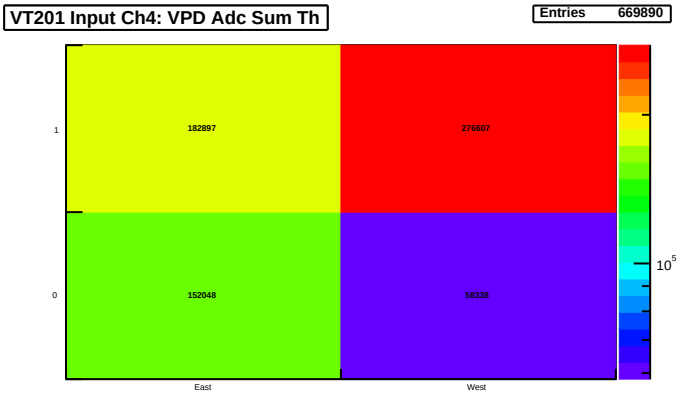

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

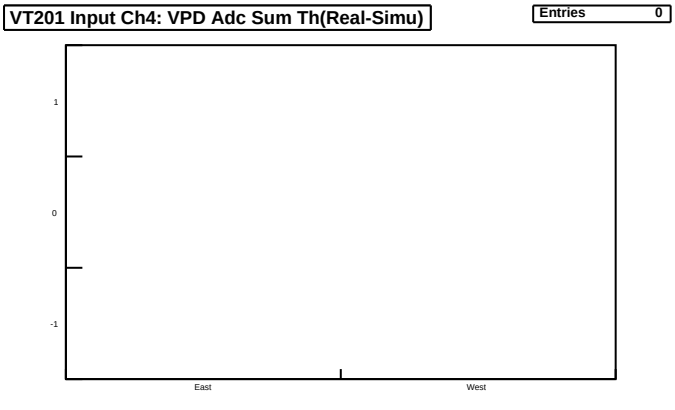

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2679560
9466
2439
10
6
9195
3730
54
45
325479
332506
334935
334939
325750
331215
334891
334900
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

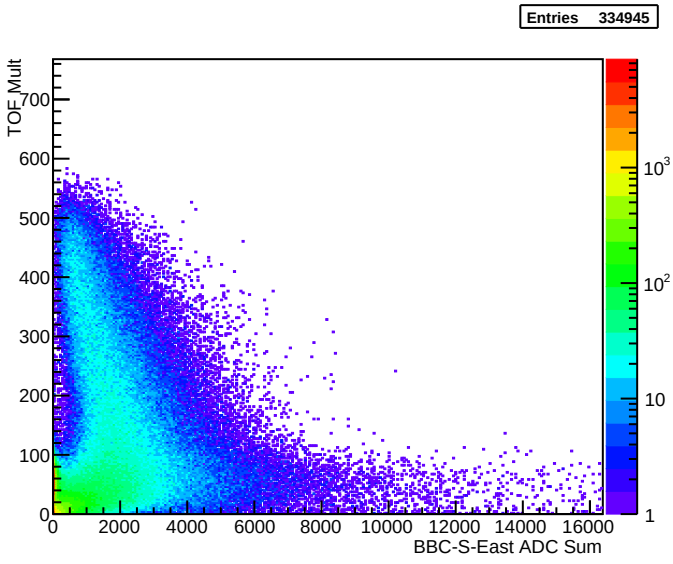

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

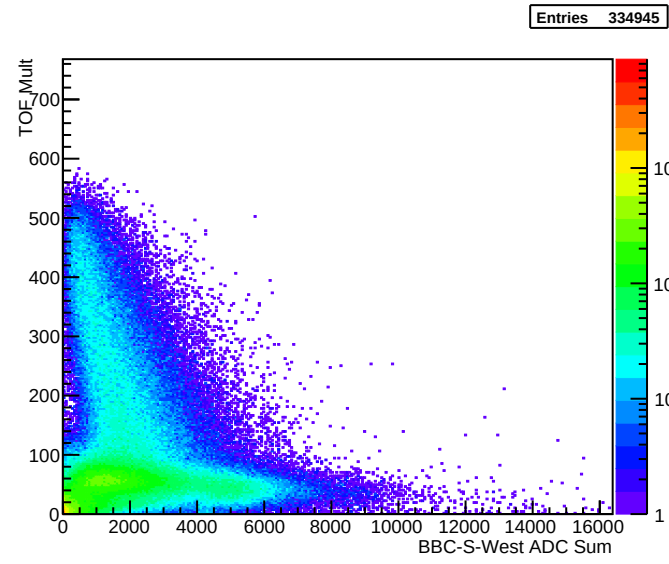

VT201 Input Ch4: VPD Tac Diff
Entries 334945
Tac

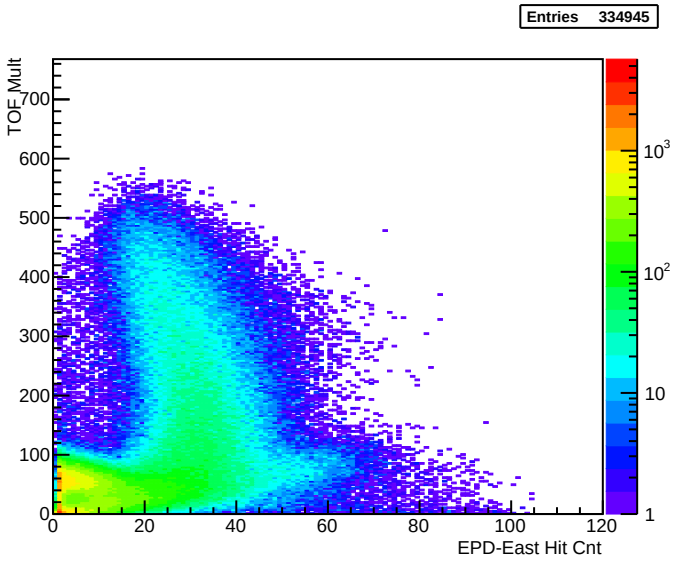

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

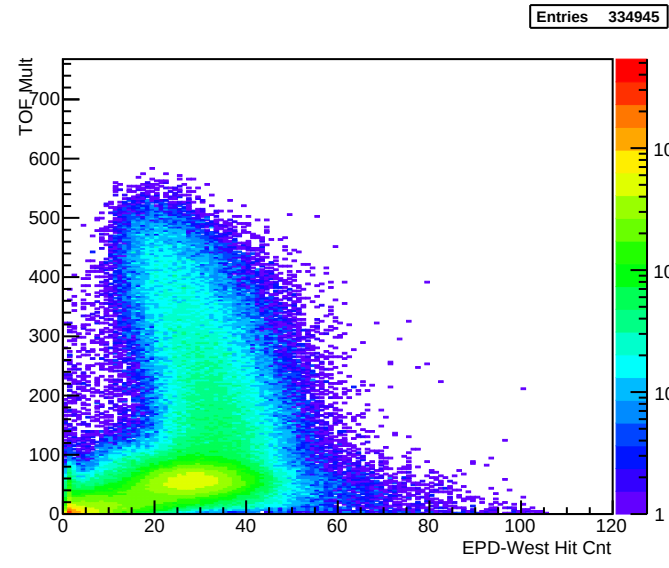

VT201 Input Ch4: VPD Adc Sum Th
Entries 669890
182897
276607
152048
58338
East
West

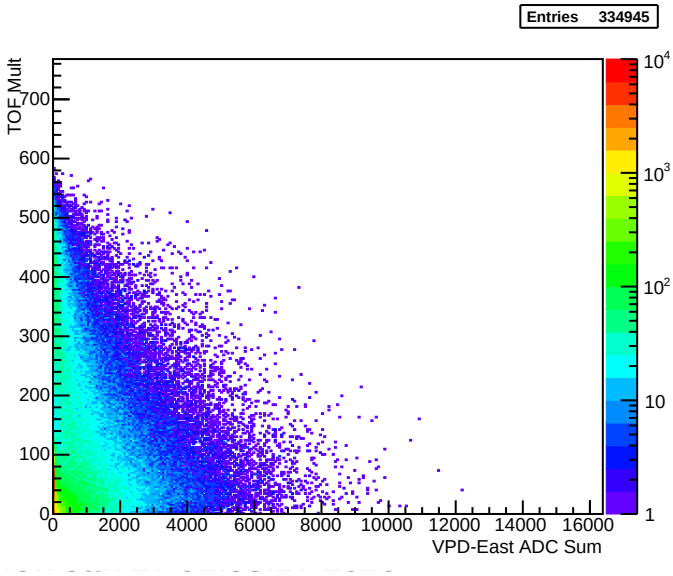

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

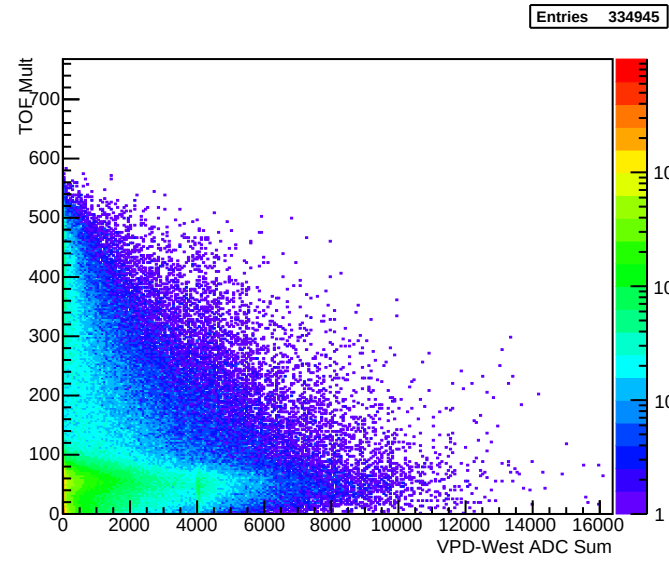

Entries 334945
TOF_Mult
BBC-S-East ADC Sum

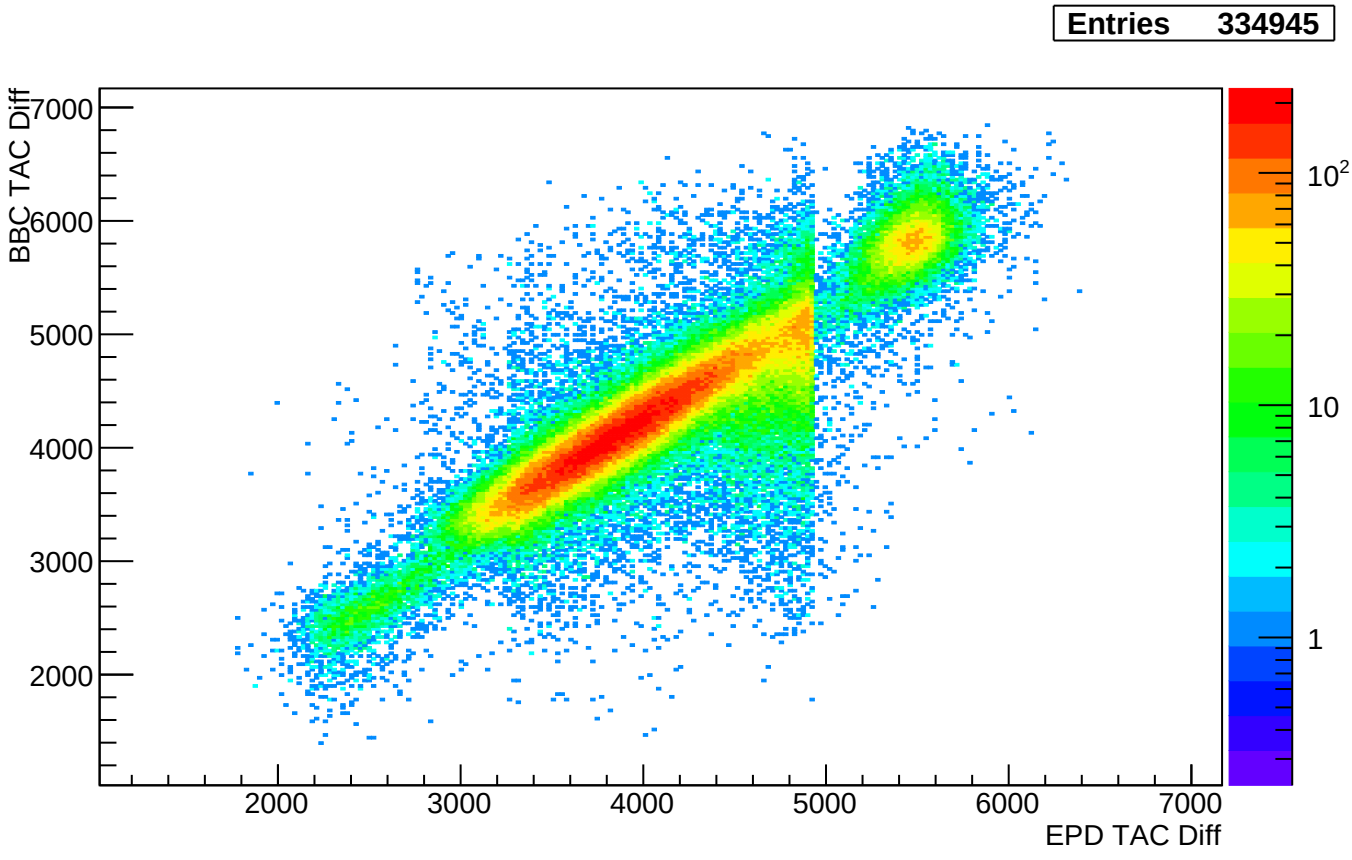

Entries 334945
TOF_Mult
BBC-S-West ADC Sum

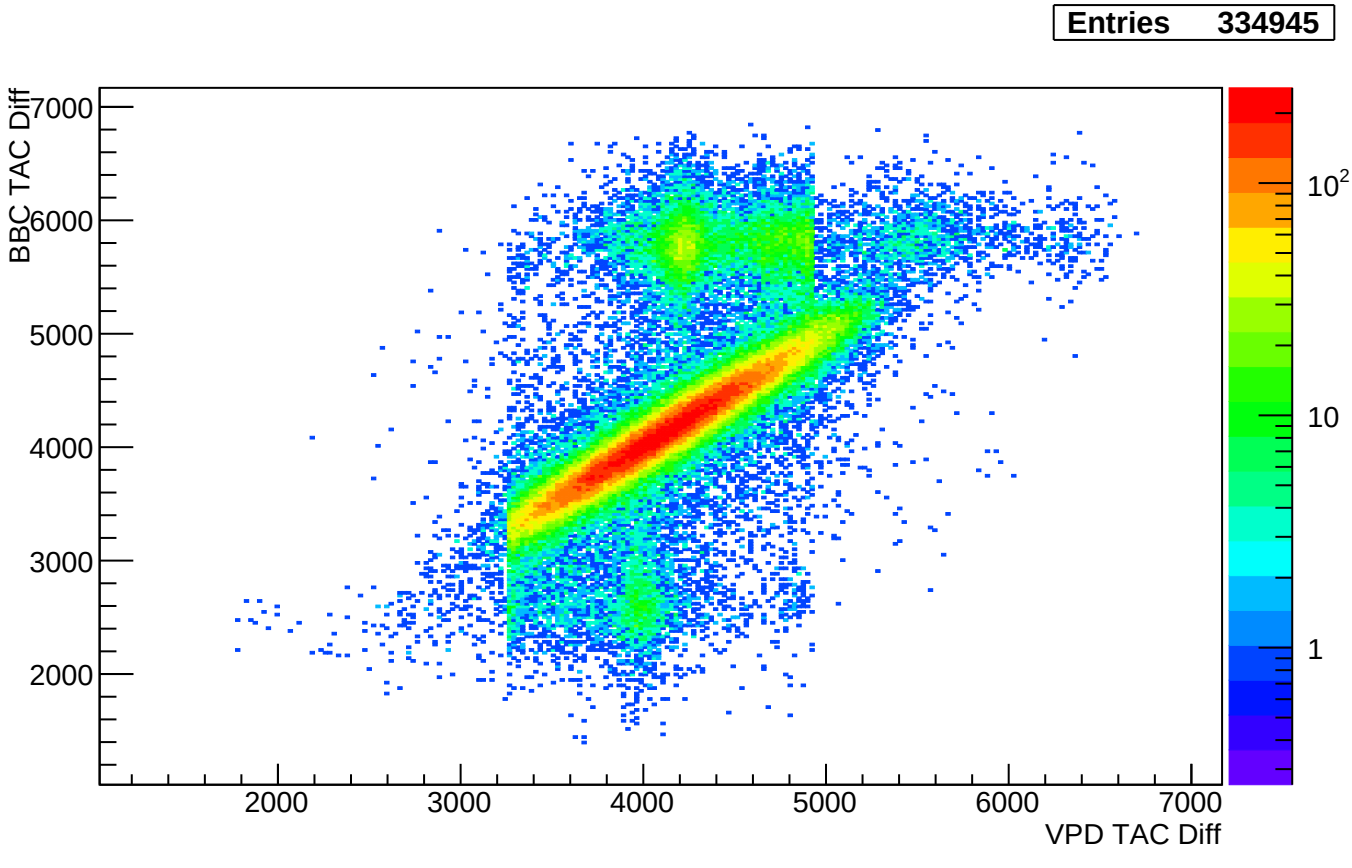

Entries 334945
TOF_Mult
EPD-East Hit Cnt

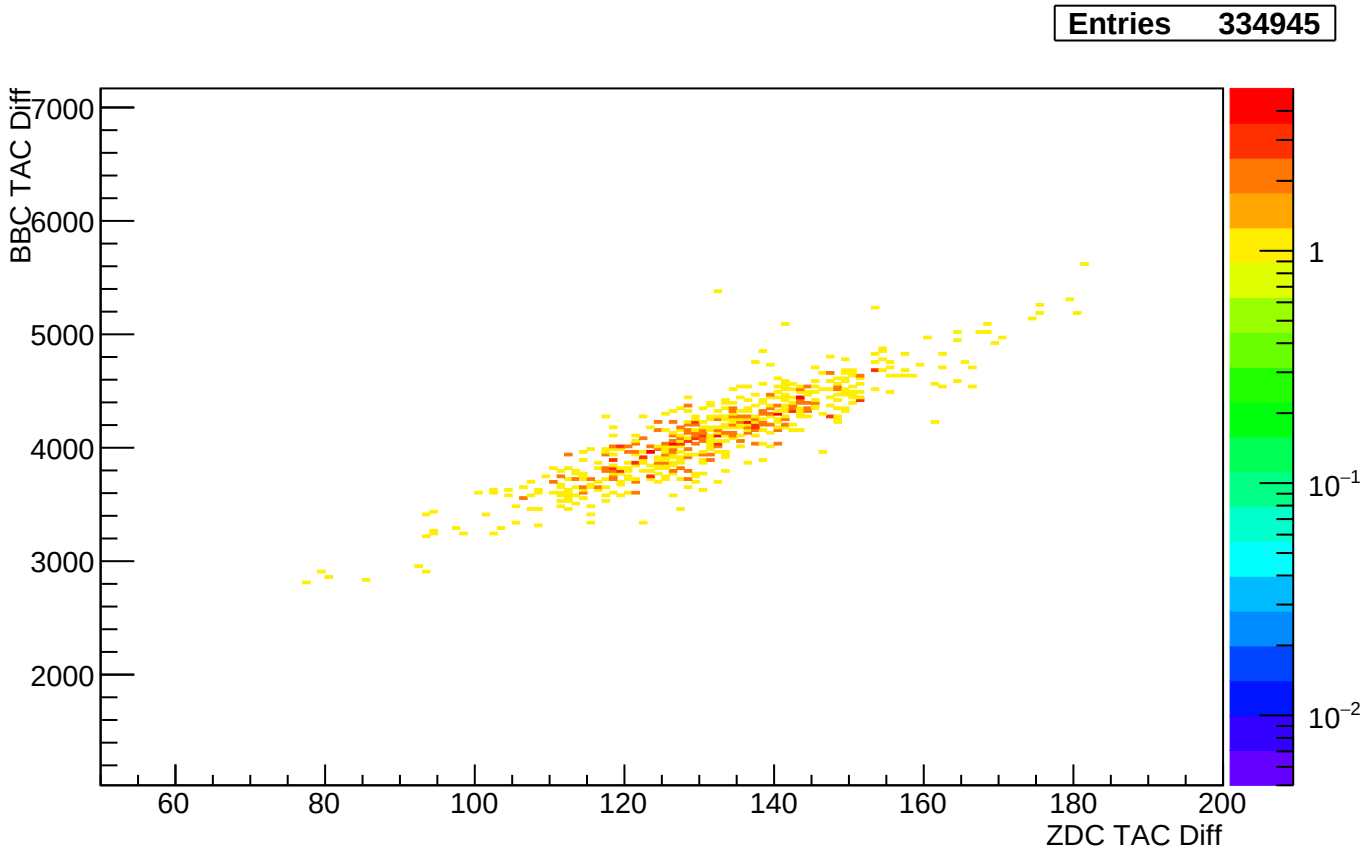

Entries 334945
TOF_Mult
EPD-West Hit Cnt

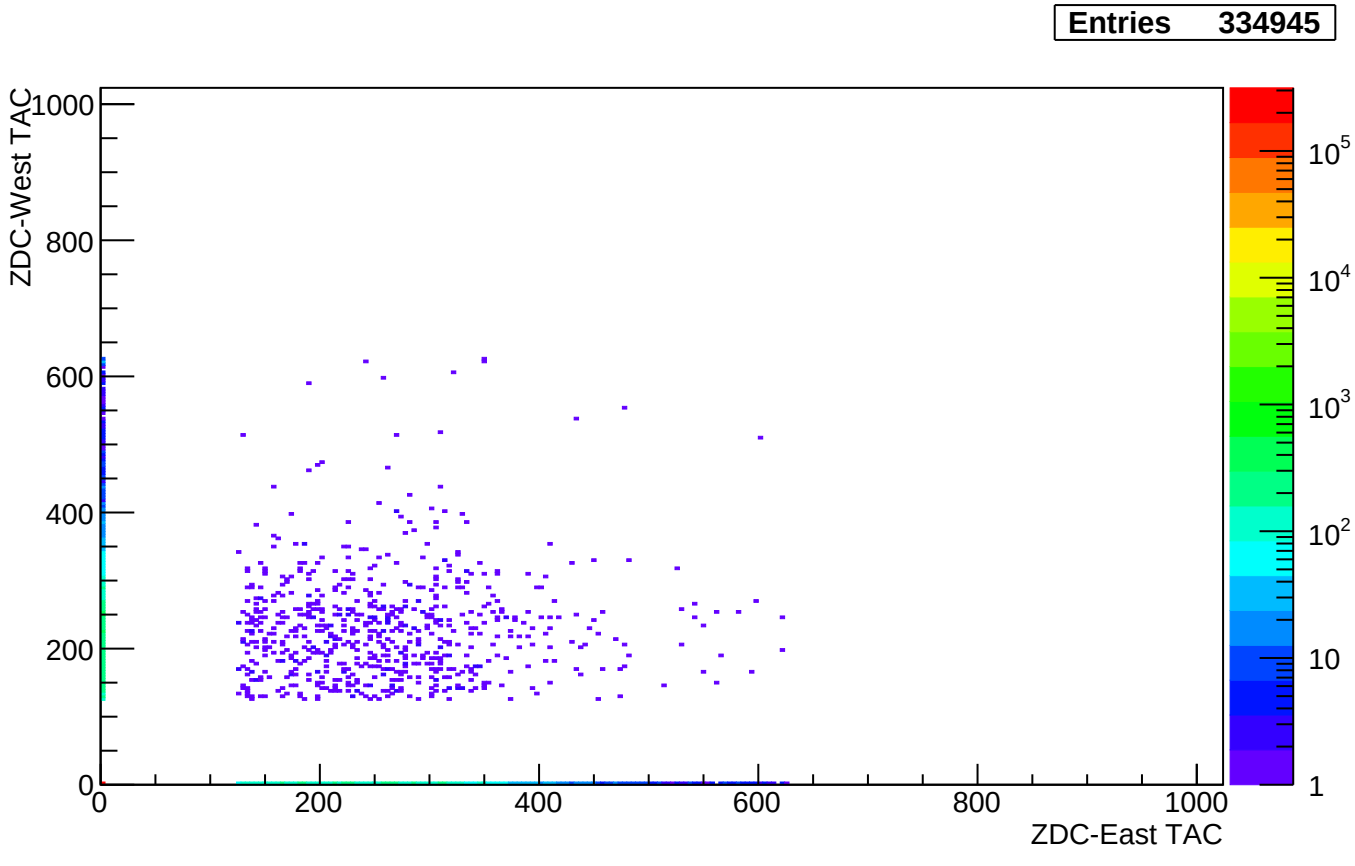

Entries 334945
TOF_Mult
VPD-East ADC Sum

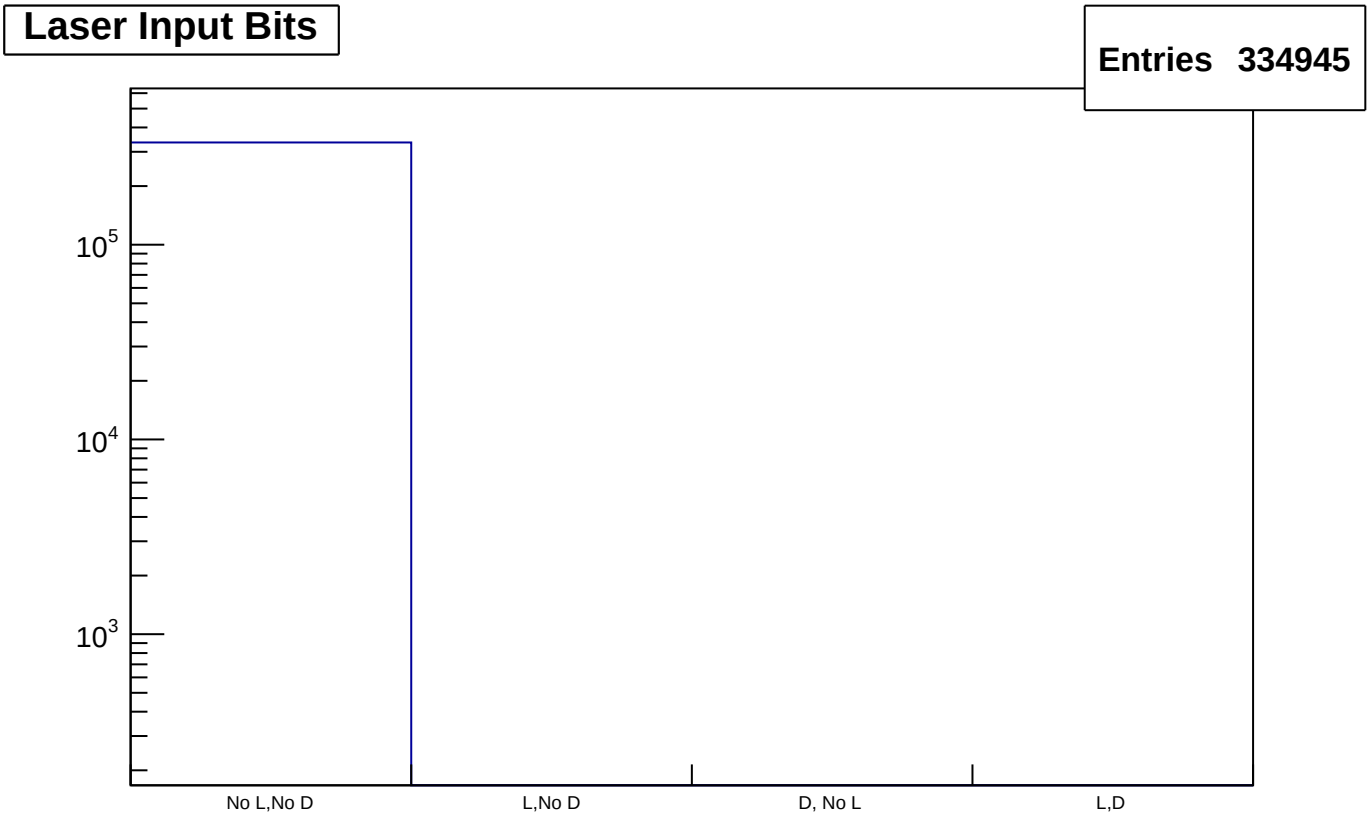

Entries 334945
TOF_Mult
VPD-West ADC Sum

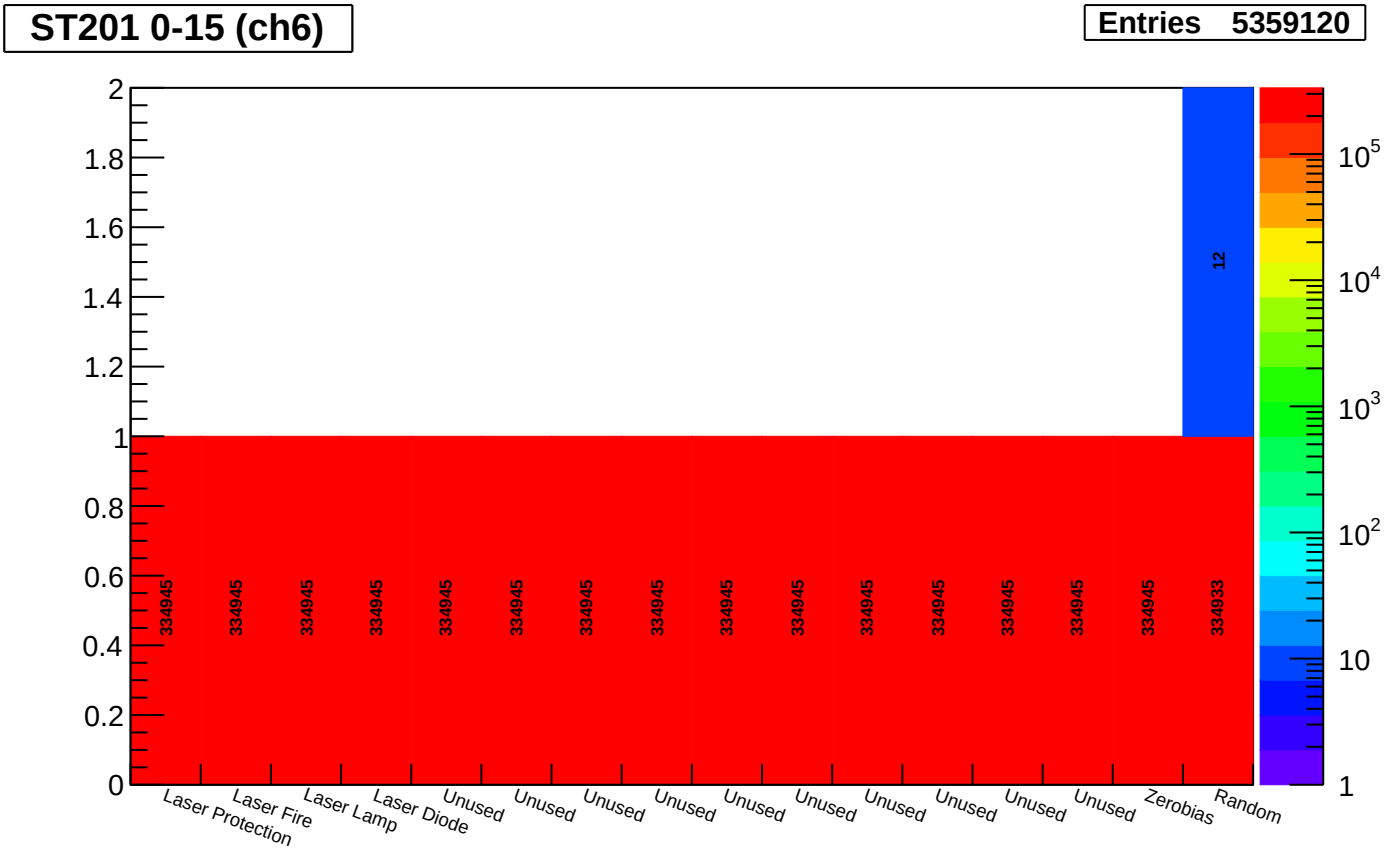

Entries 334945
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

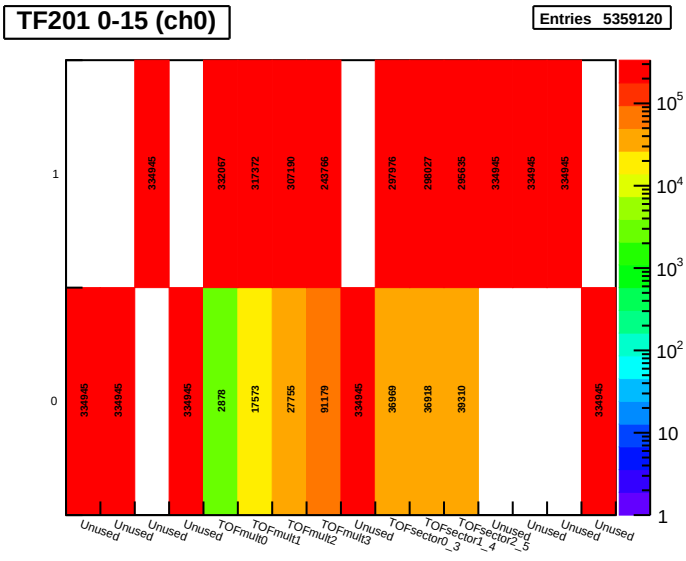

Entries 334945
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

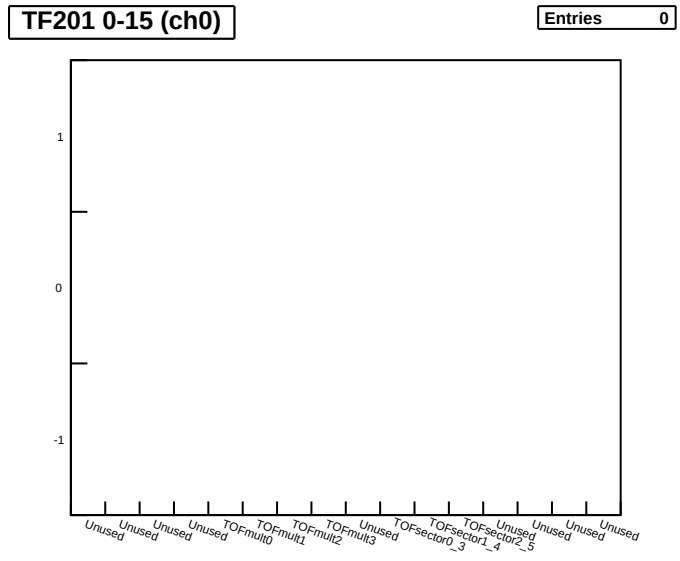

Entries 334945
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

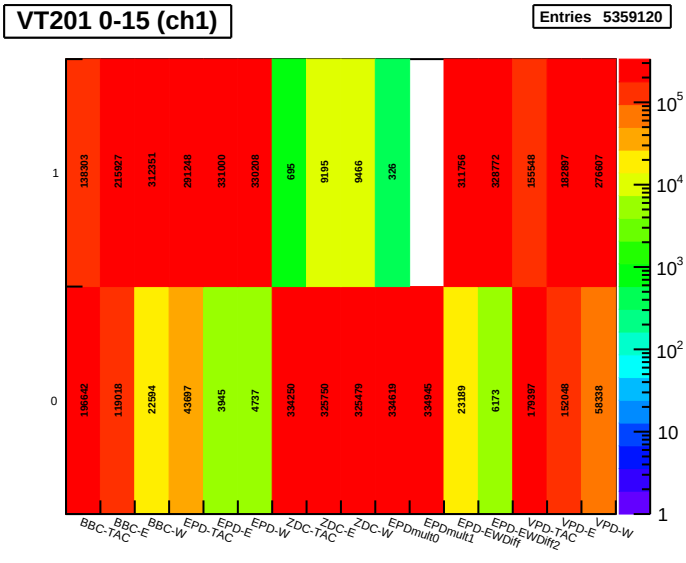

Entries 334945
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

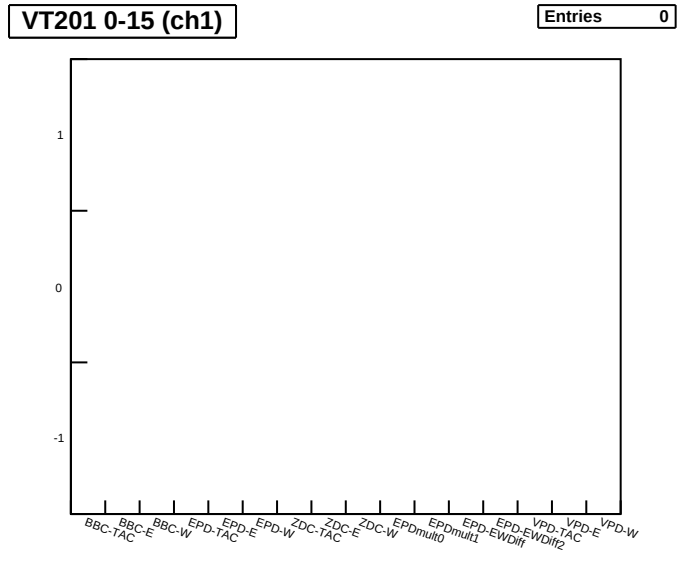

Laser Input Bits
Entries 334945
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

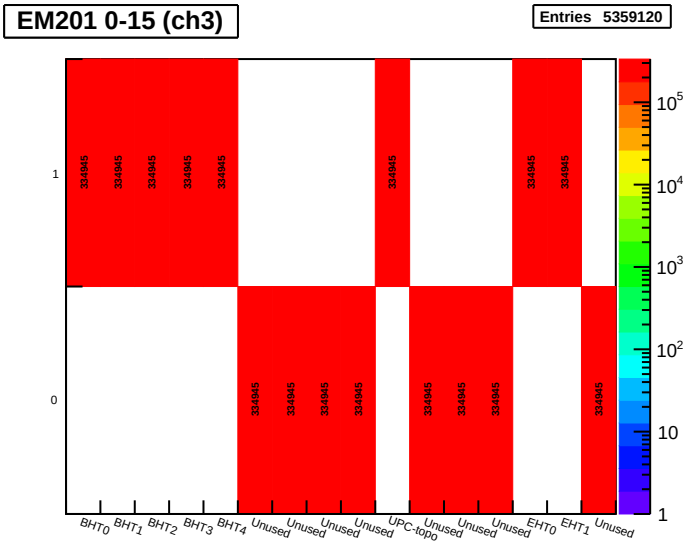

ST201 0-15 (ch6)
Entries 5359120
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12
334945
334933
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

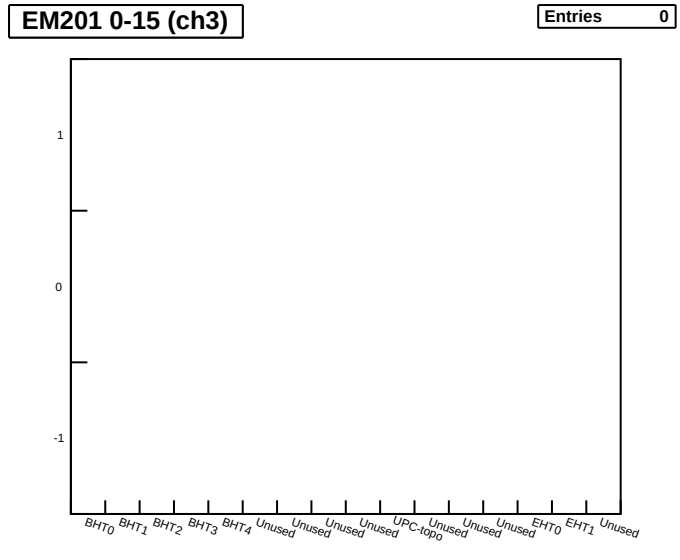

TF201 0-15 (ch0)
Entries 5359120
1
0
334945
334945
334945
334945
332067
317372
307190
243766
297976
298027
295635
334945
334945
334945
334945
2878
17573
27755
91179
334945
36969
36918
39310
334945
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 5359120
1
0
138303
215927
312351
291248
331000
330208
695
9195
9466
326
311756
328772
155548
182897
276607
136642
119018
22594
43697
3945
4737
334250
325790
325479
334619
334945
23189
6173
179397
152048
58338
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 5359120
1
0
334945
334945
334945
334945
334945
334945
334945
334945
334945
334945
334945
334945
334945
334945
334945
334945
334945
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