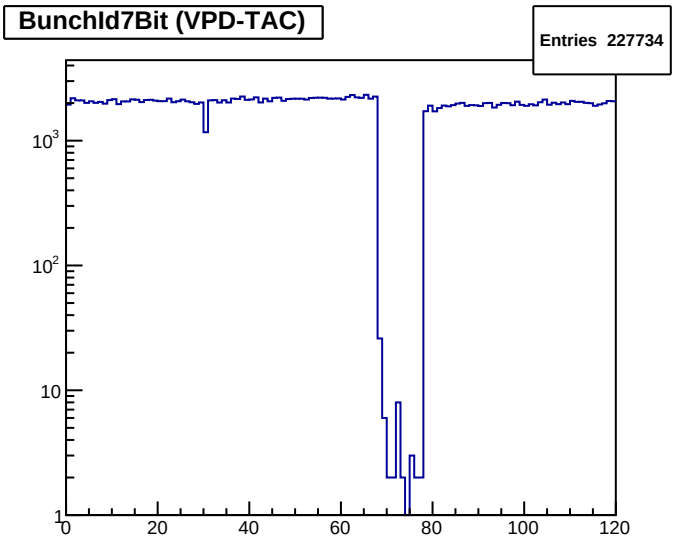
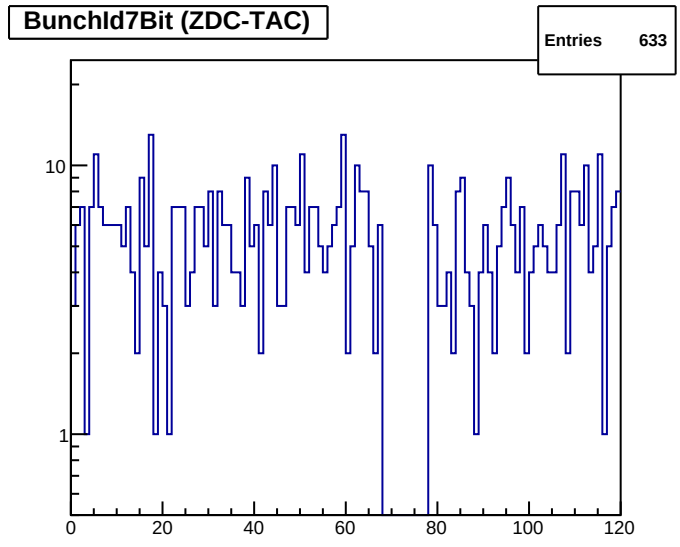
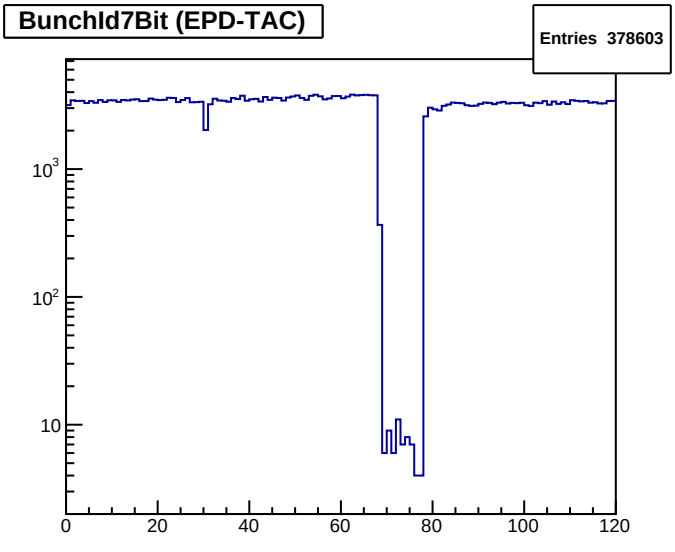
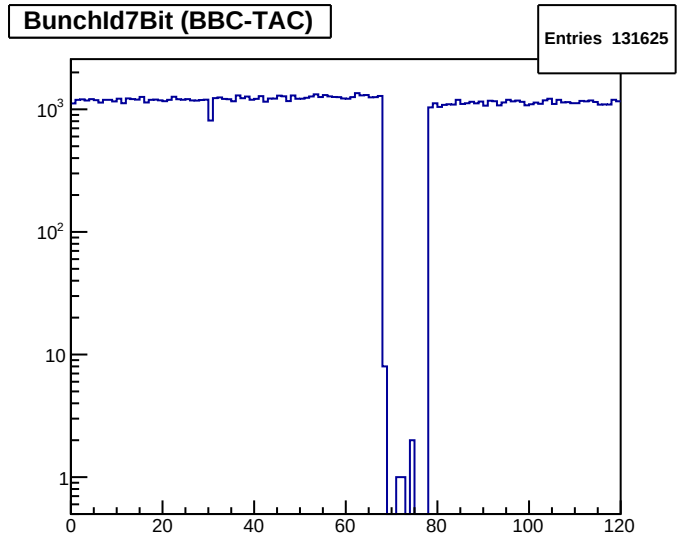
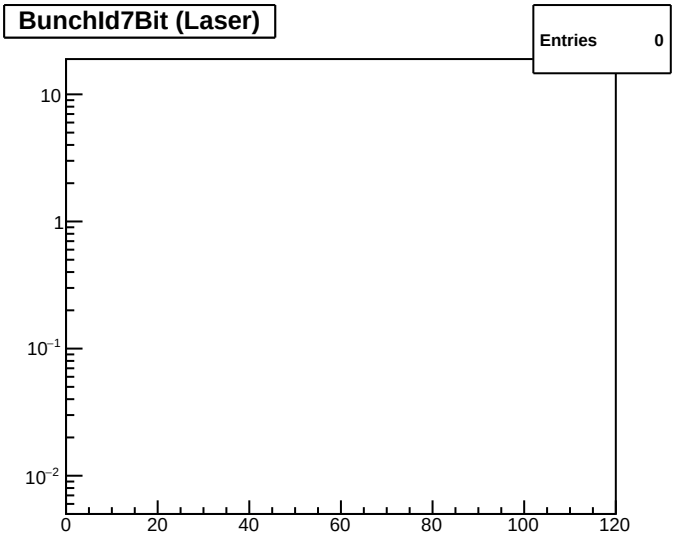
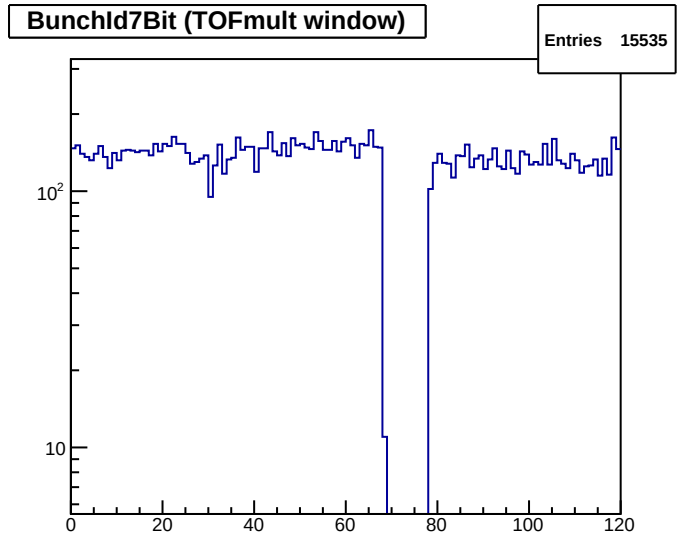

BunchId7Bit (VPD-TAC)
Entries 227734

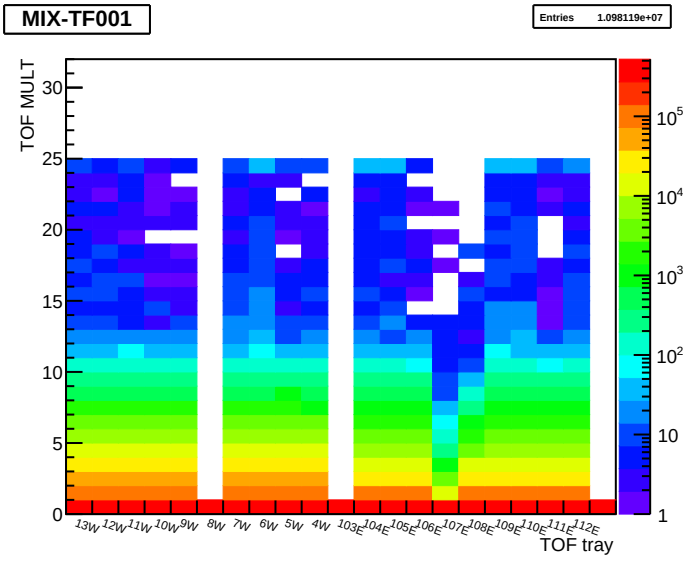

BunchId7Bit (ZDC-TAC)
Entries 633

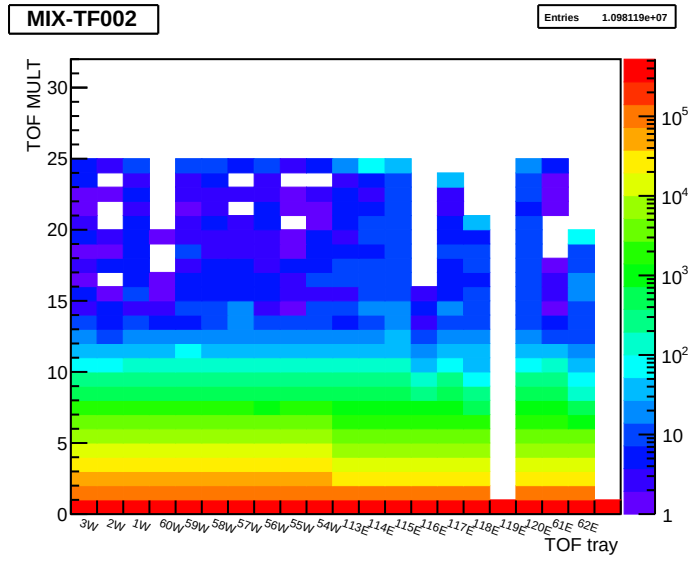

BunchId7Bit (EPD-TAC)
Entries 378603

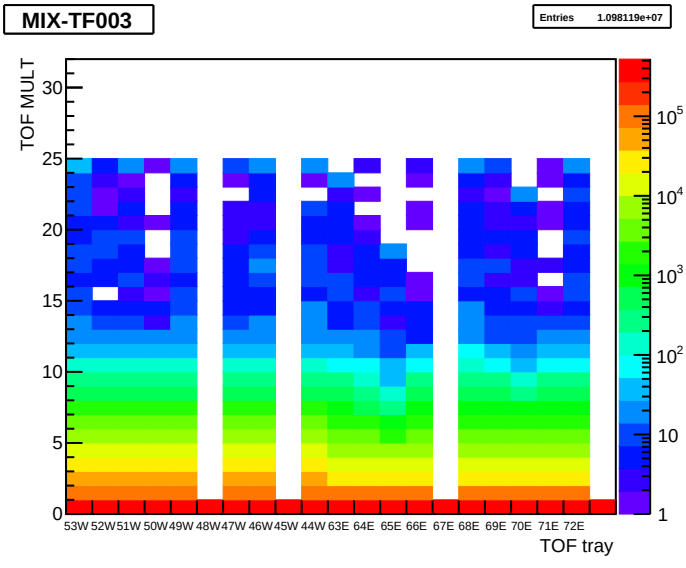

BunchId7Bit (BBC-TAC)
Entries 131625

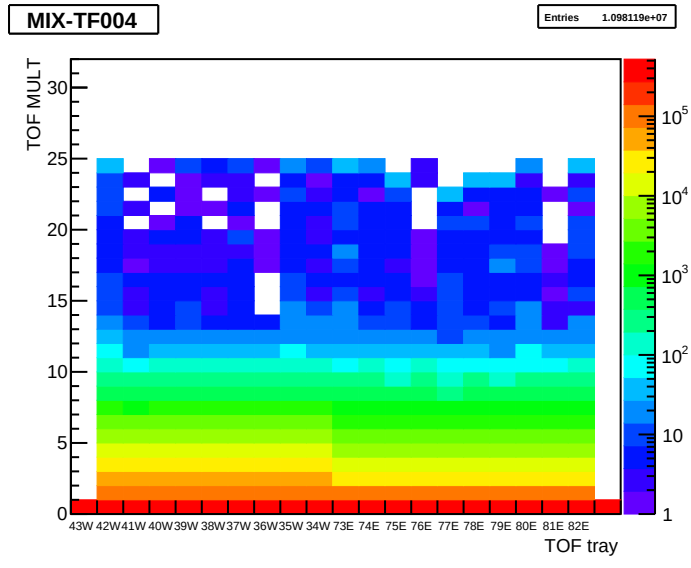

BunchId7Bit (Laser)
Entries 0

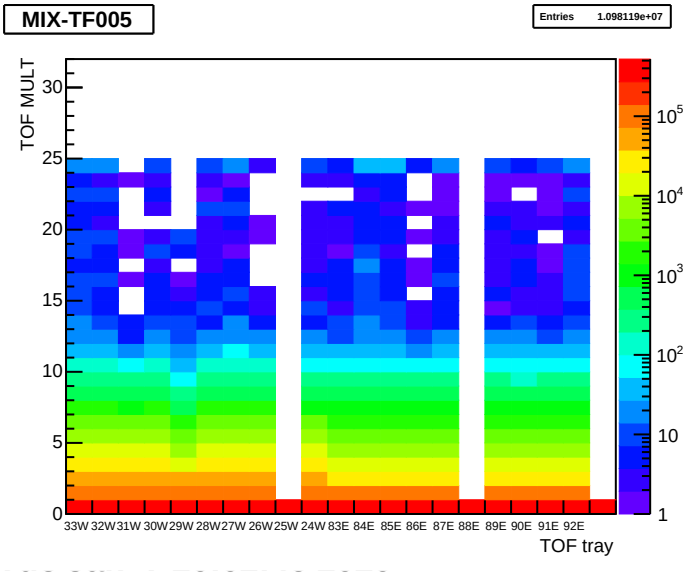

BunchId7Bit (TOFmult window)
Entries 15535

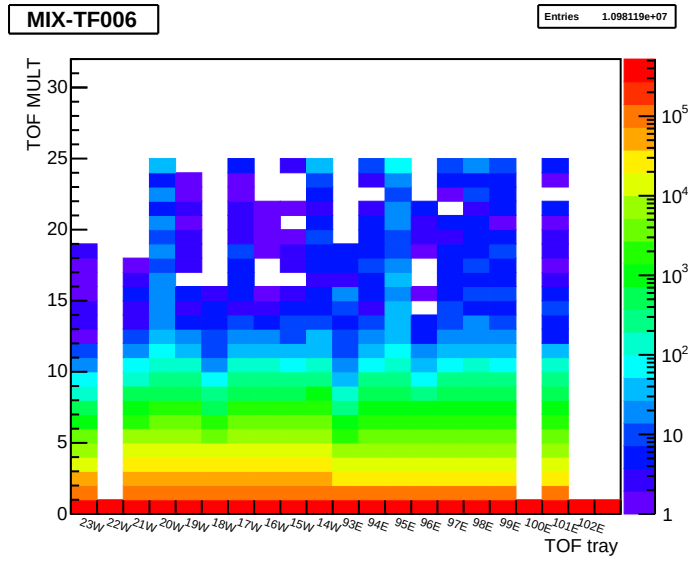

MIX-TF001
Entries 1.098119e+07
TOF MULT
TOF tray

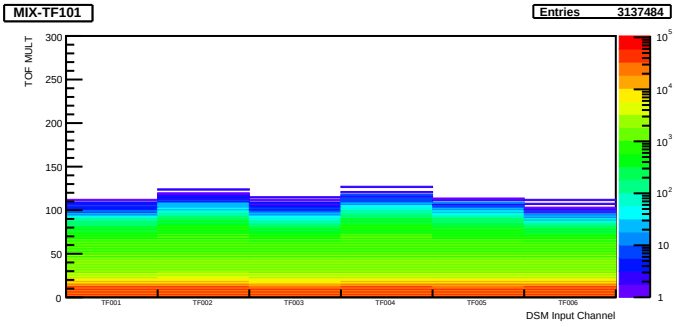

MIX-TF002
Entries 1.098119e+07
TOF MULT
TOF tray

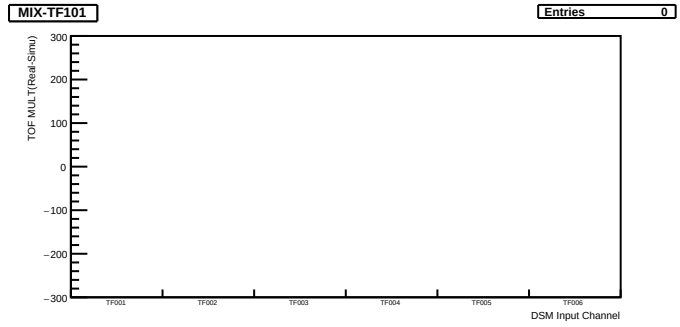

MIX-TF003
Entries 1.098119e+07
TOF MULT
TOF tray

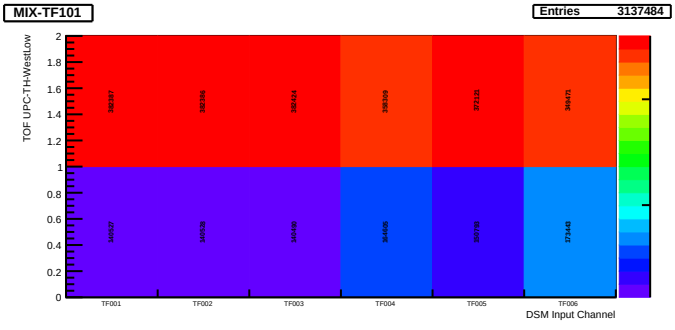

MIX-TF004
Entries 1.098119e+07
TOF MULT
TOF tray

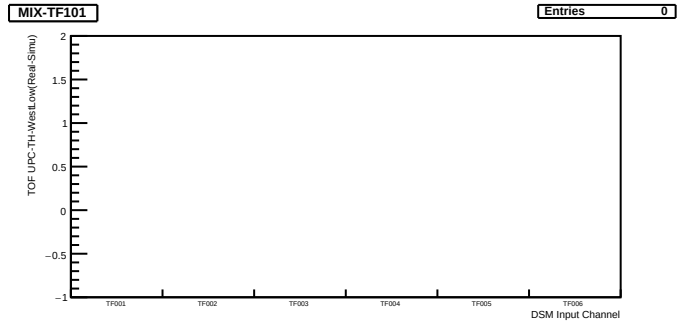

MIX-TF005
Entries 1.098119e+07
TOF MULT
TOF tray

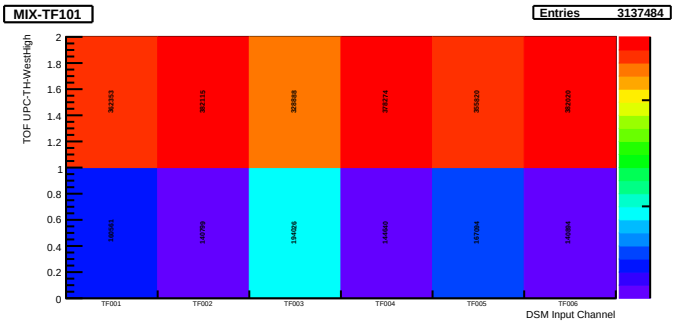

MIX-TF006
Entries 1.098119e+07
TOF MULT
TOF tray

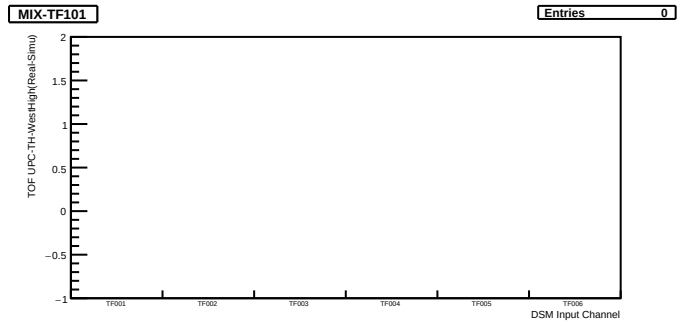

MIX-TF101
Entries 3137484
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

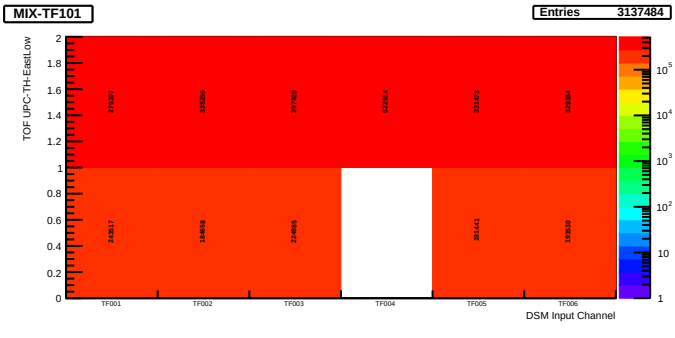

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

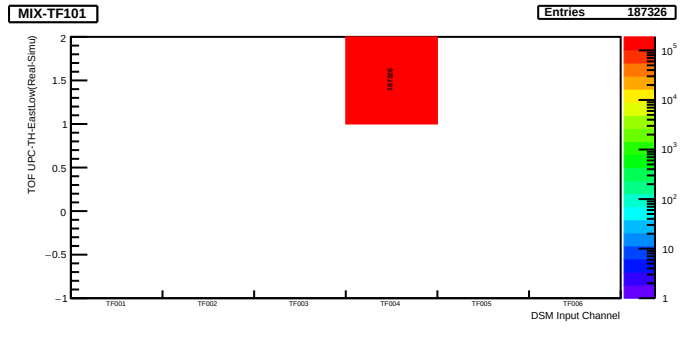

MIX-TF101
Entries 3137484
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

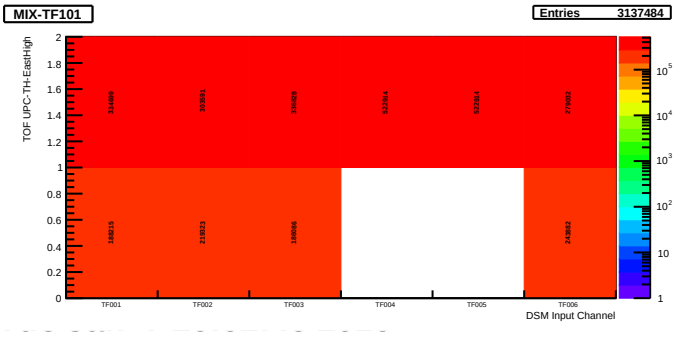

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

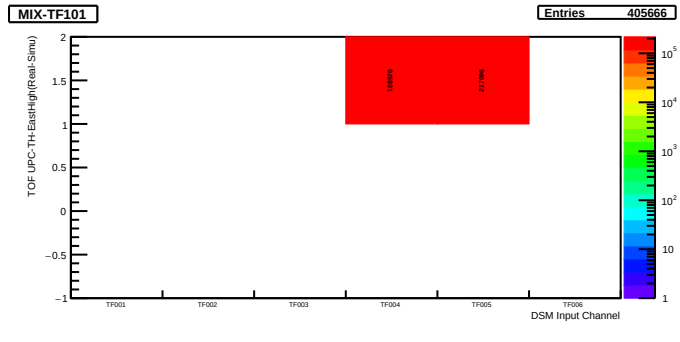

MIX-TF101
Entries 3137484
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

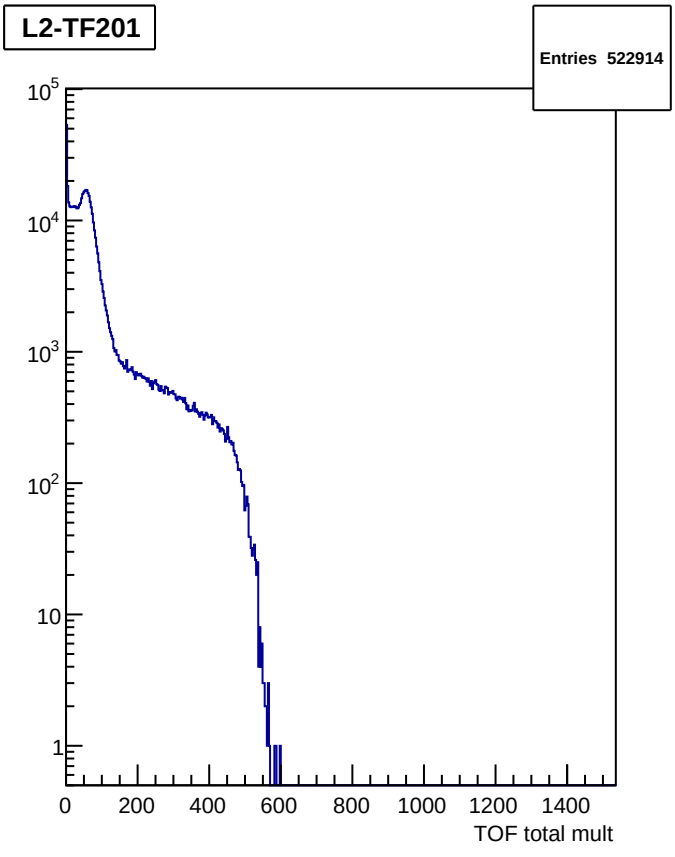

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

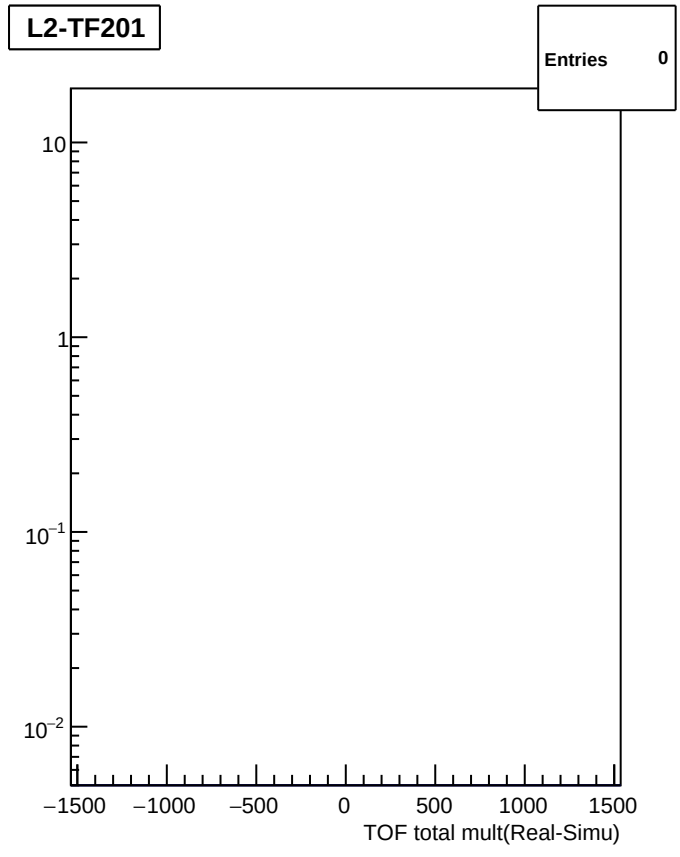

MIX-TF101
Entries 3137484
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

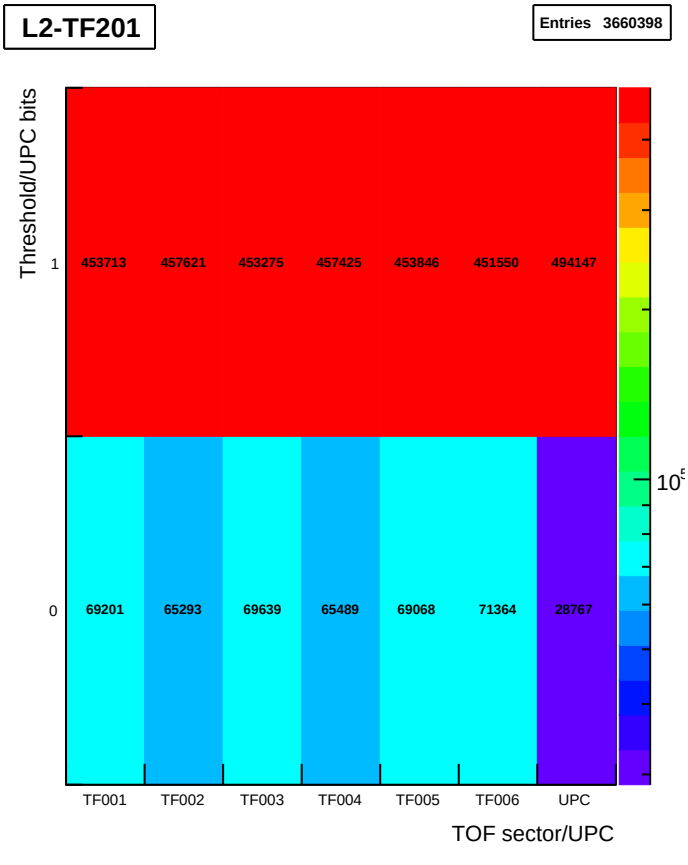

MIX-TF101
Entries 187326
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

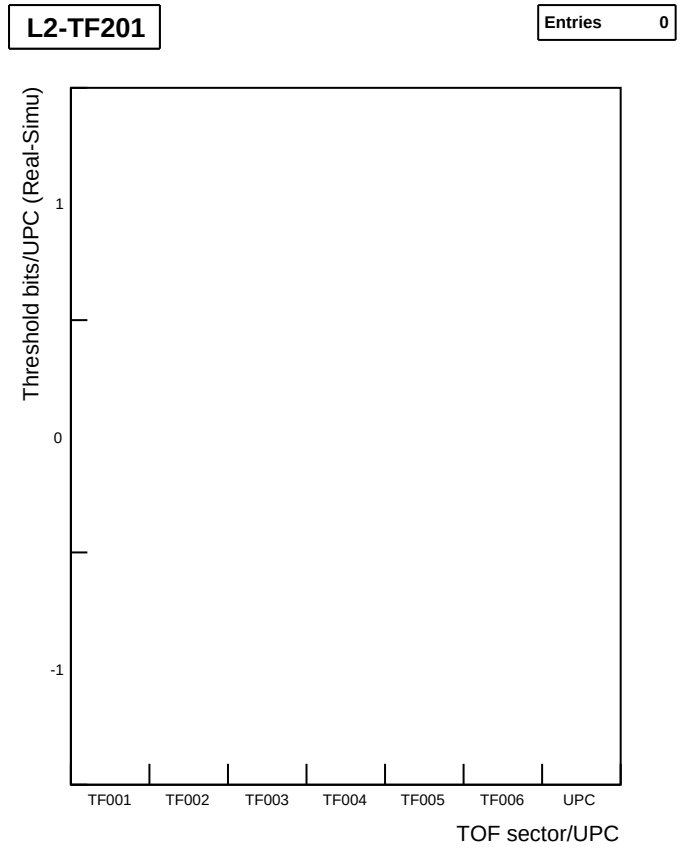

MIX-TF101
Entries 3137484
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

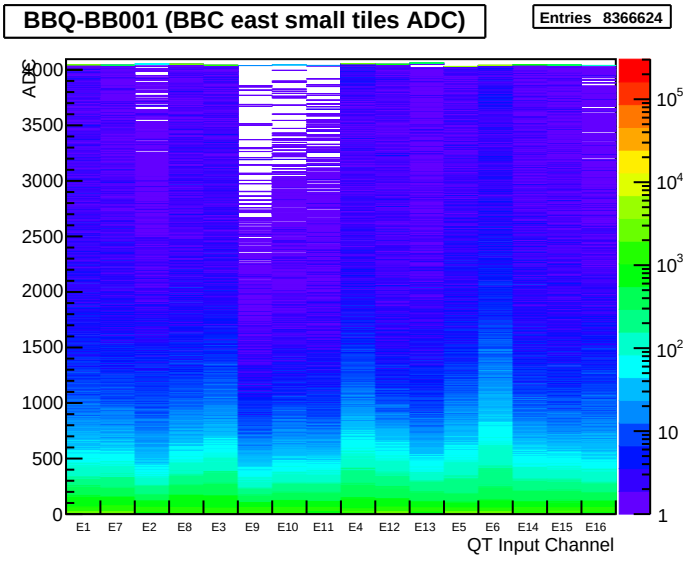

MIX-TF101
Entries 405666
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

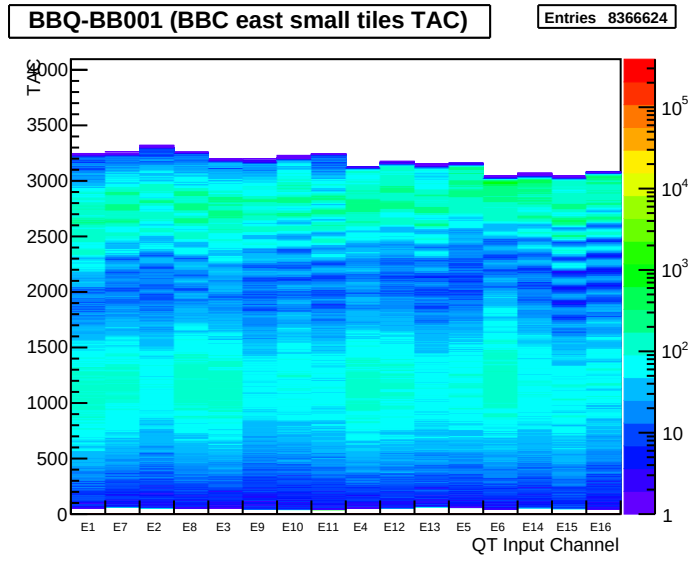

L2-TF201
Entries 522914
TOF total mult

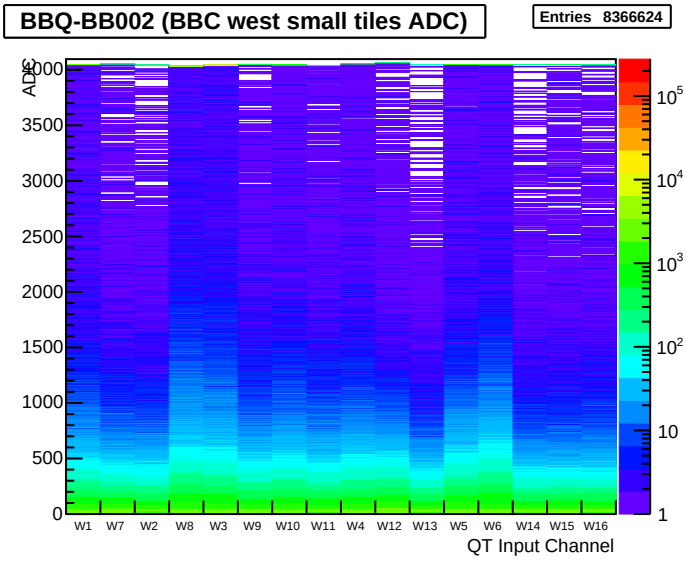

L2-TF201
Entries 0
TOF total mult(Real-Simu)

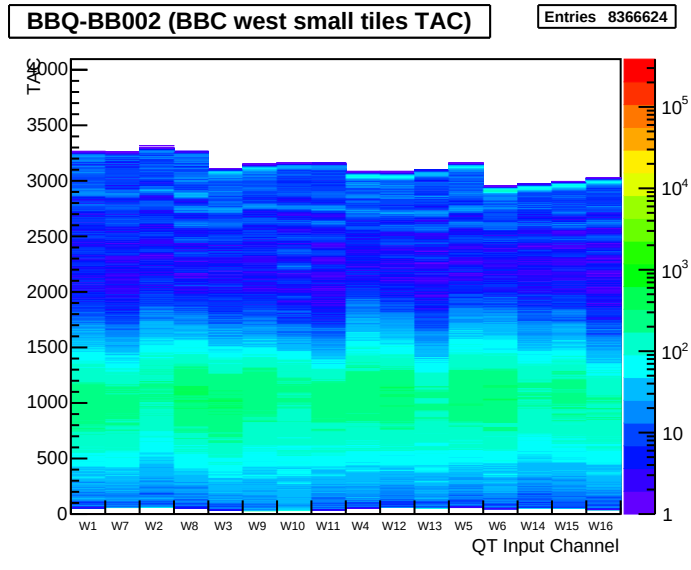

L2-TF201
Entries 3660398
Threshold/UPC bits
453713
457621
453275
457425
453846
451550
494147
69201
65293
69639
65489
69068
71364
28767
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

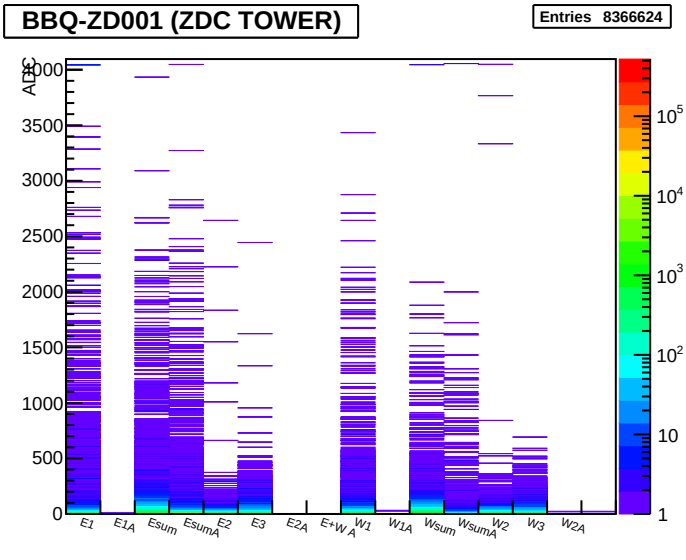

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

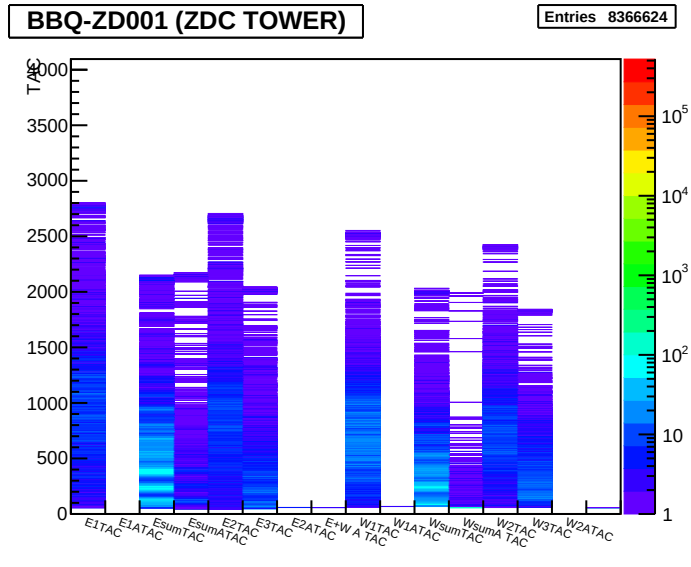

BBQ-BB001 (BBC east small tiles ADC)
Entries 8366624
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

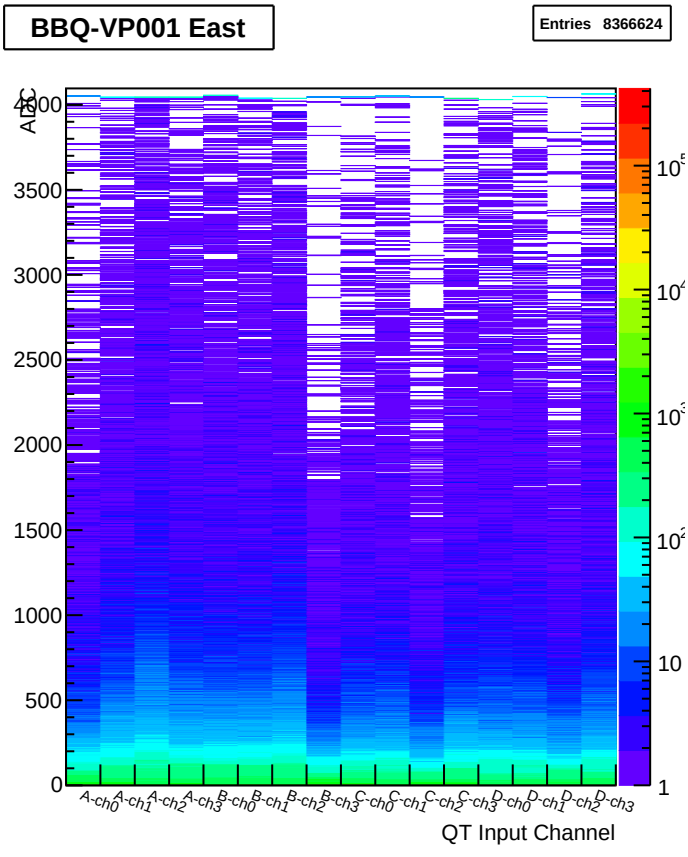

BBQ-BB001 (BBC east small tiles TAC)
Entries 8366624
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

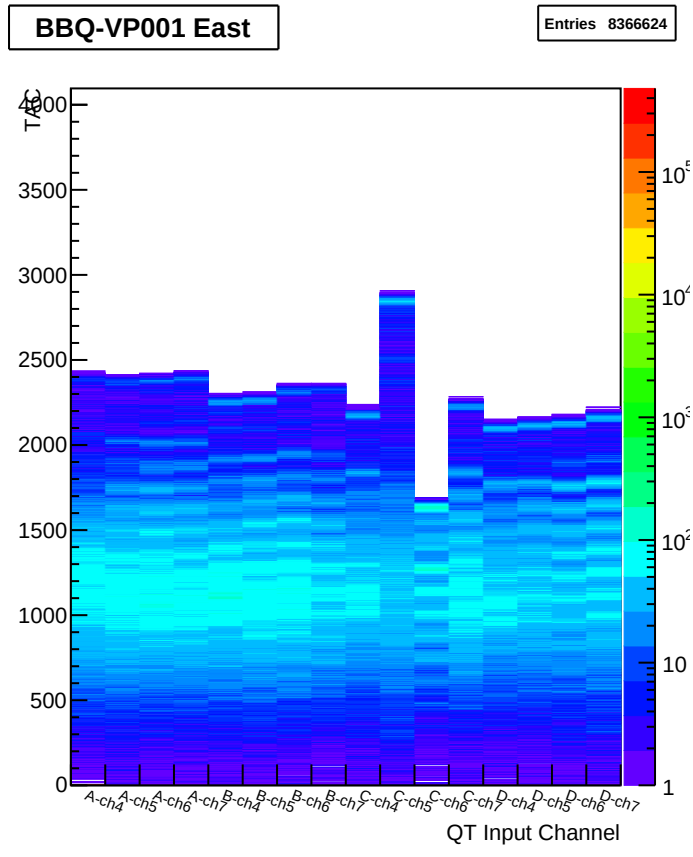

BBQ-BB002 (BBC west small tiles ADC)
Entries 8366624
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

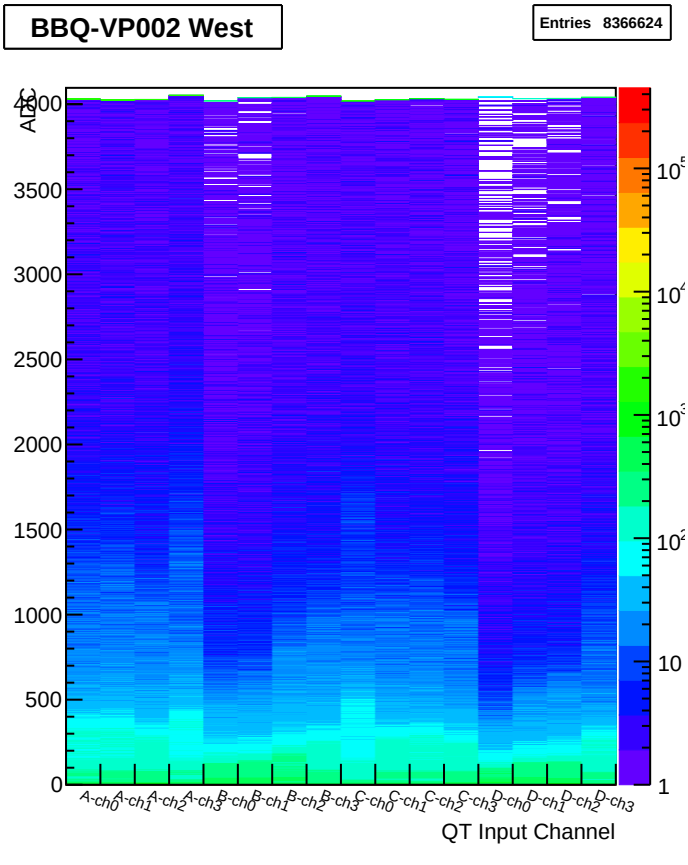

BBQ-BB002 (BBC west small tiles TAC)
Entries 8366624
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

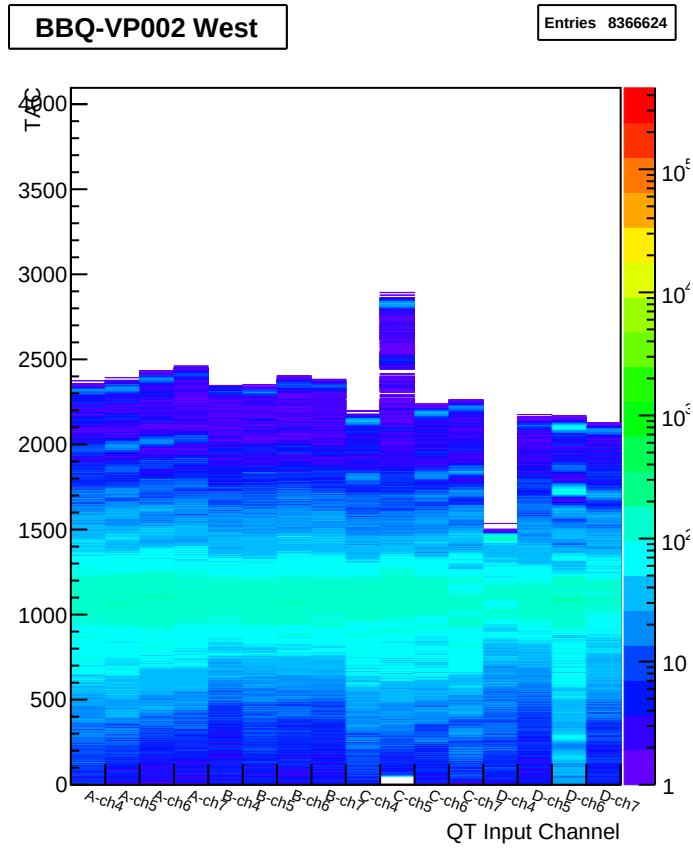

BBQ-ZD001 (ZDC TOWER)
Entries 8366624
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

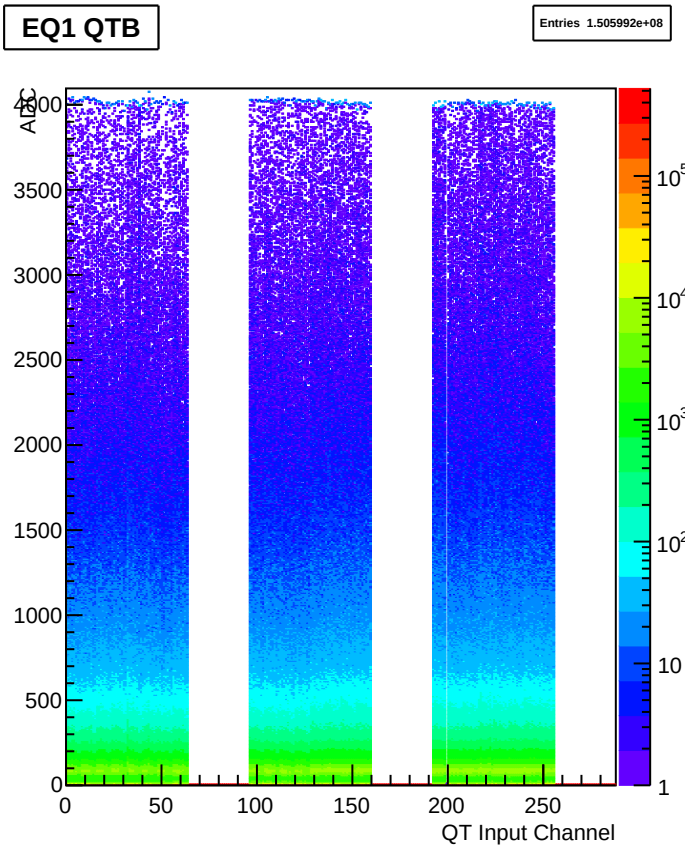

BBQ-ZD001 (ZDC TOWER)
Entries 8366624
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

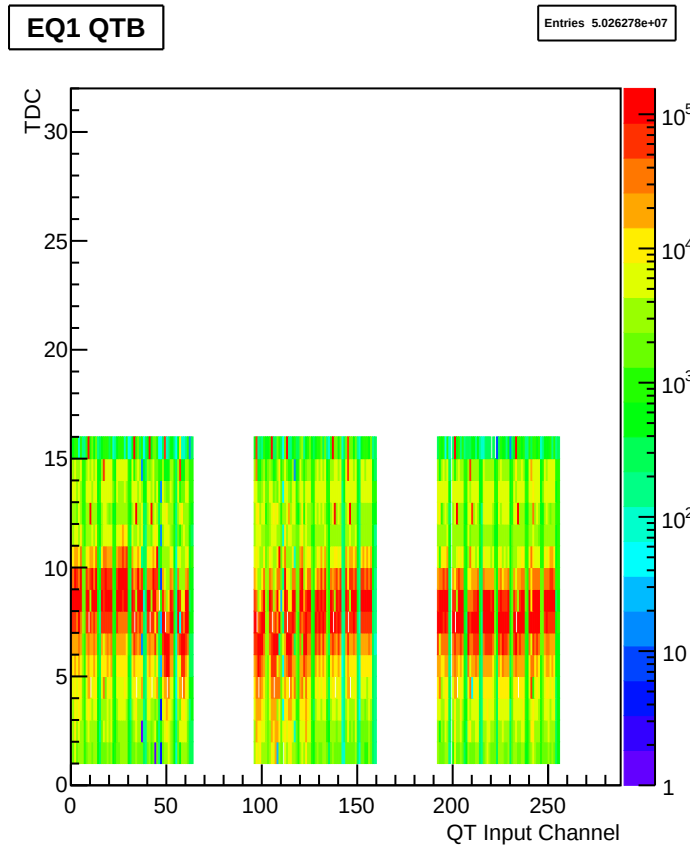

BBQ-VP001 East
Entries 8366624
ADC
QT Input Channel

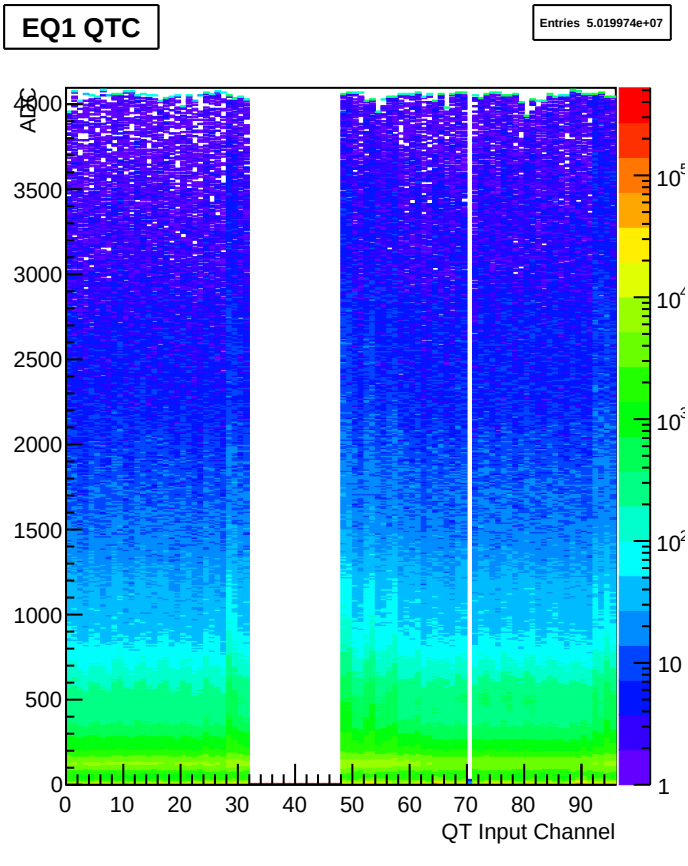

BBQ-VP001 East
Entries 8366624
ADC
QT Input Channel

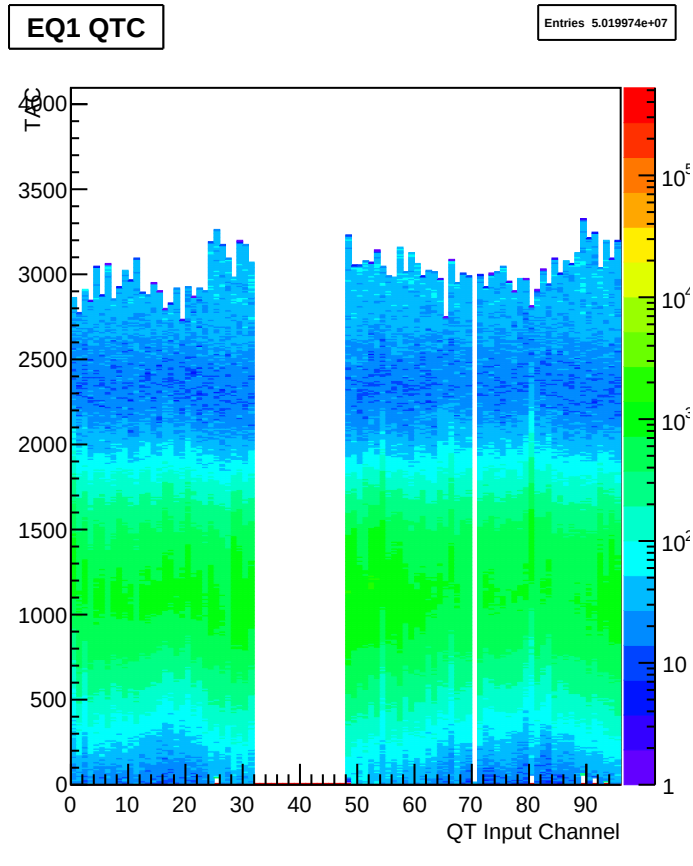

BBQ-VP002 West
Entries 8366624
ADC
QT Input Channel

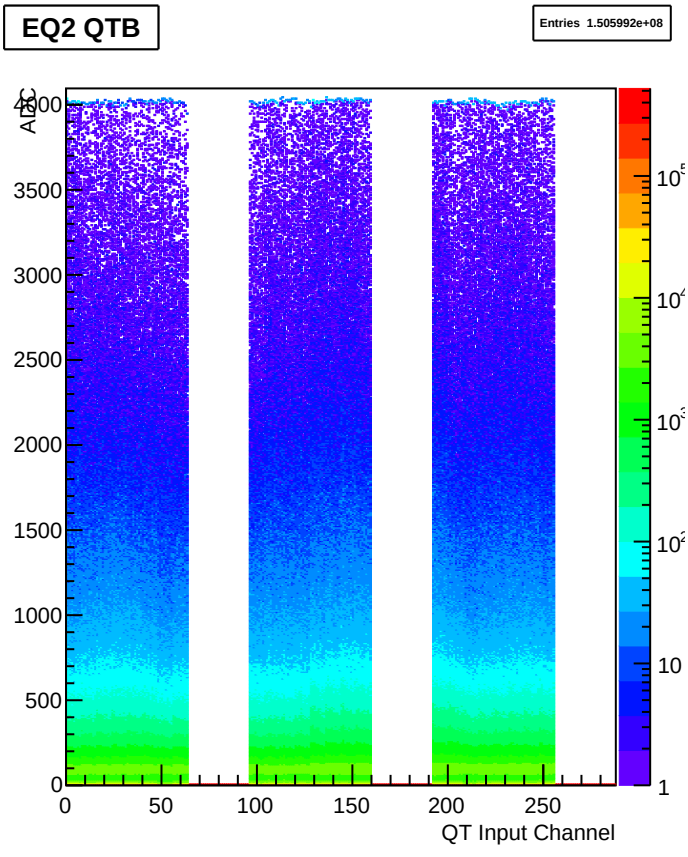

BBQ-VP002 West
Entries 8366624
ADC
QT Input Channel

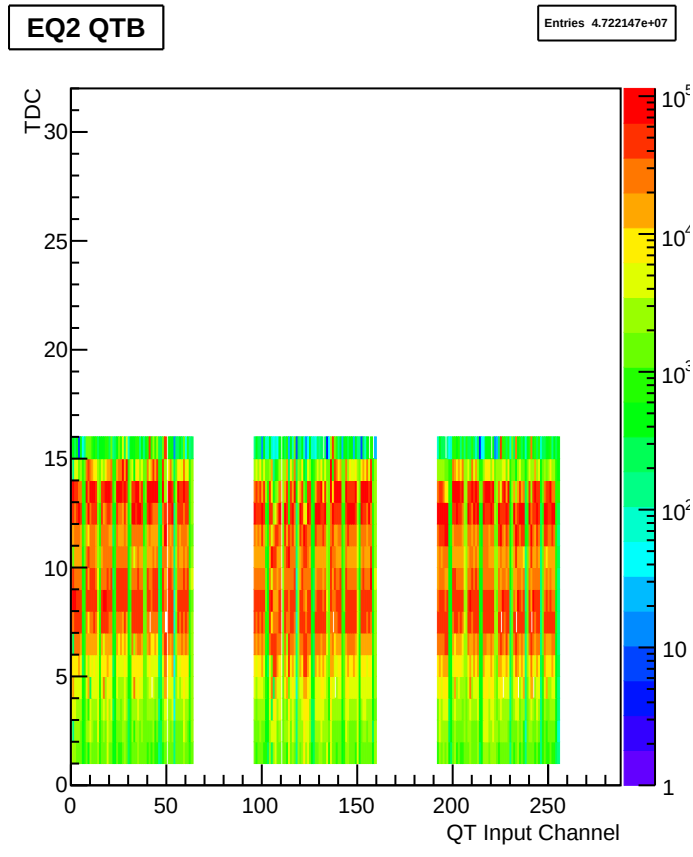

EQ1 QTB
Entries 1.505992e+08
ADC
QT Input Channel

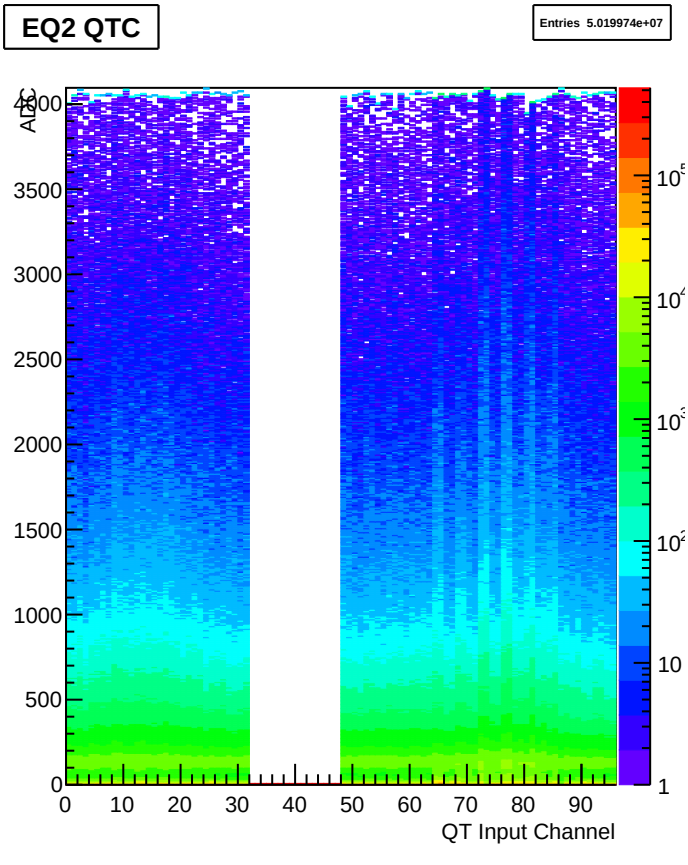

EQ1 QTB
Entries 5.026278e+07
TDC
QT Input Channel

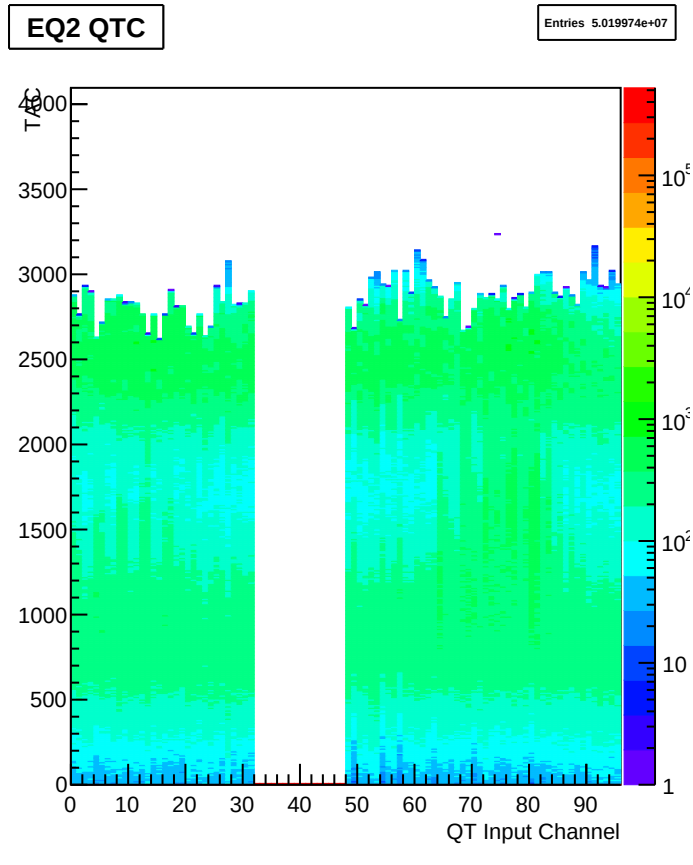

EQ1 QTC
Entries 5.019974e+07
ADC
QT Input Channel

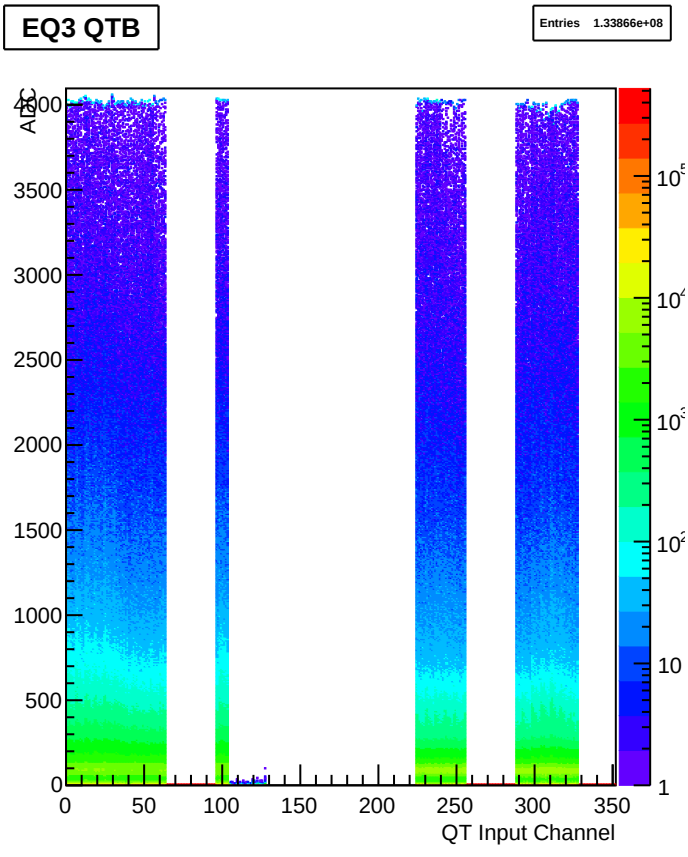

EQ1 QTC
Entries 5.019974e+07
TADC
QT Input Channel

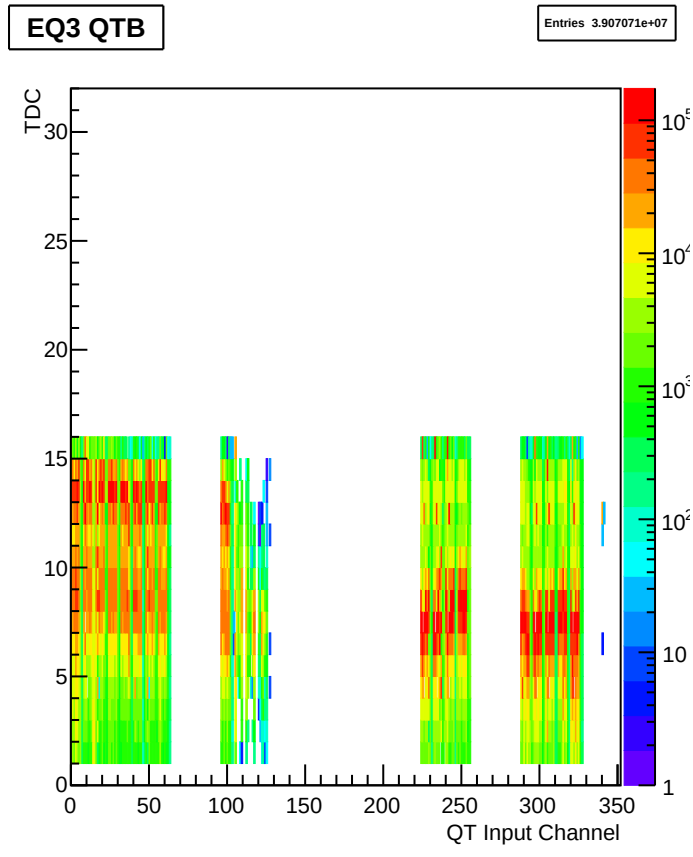

EQ2 QTB
Entries 1.505992e+08
ADC
QT Input Channel

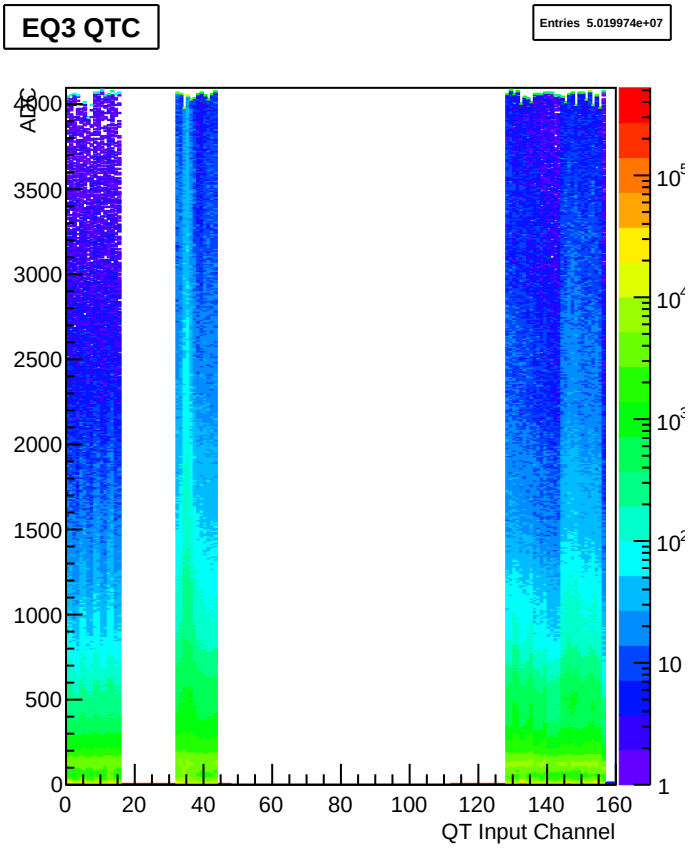

EQ2 QTB
Entries 4.722147e+07
TDC
QT Input Channel

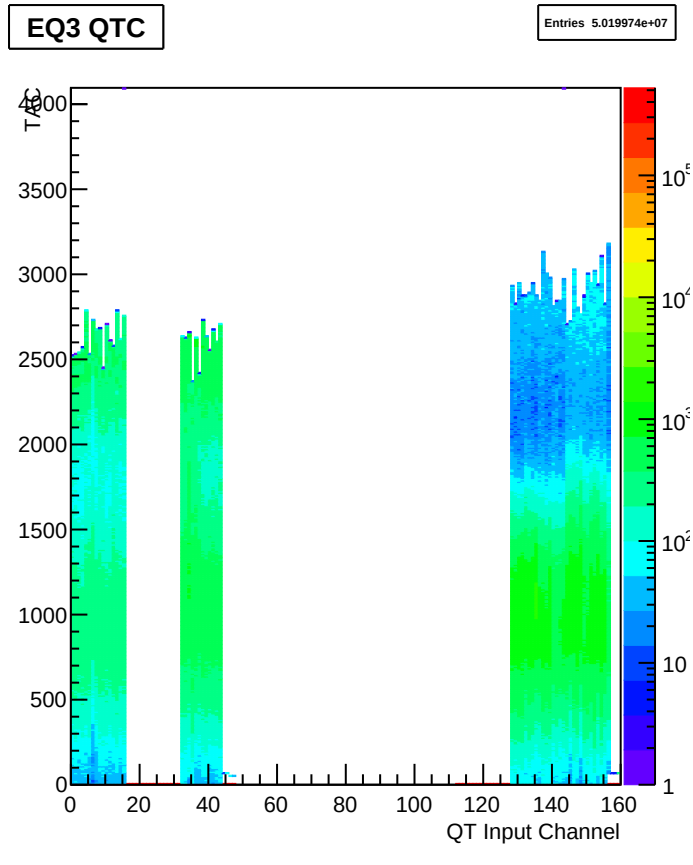

EQ2 QTC
Entries 5.019974e+07
ADC
QT Input Channel

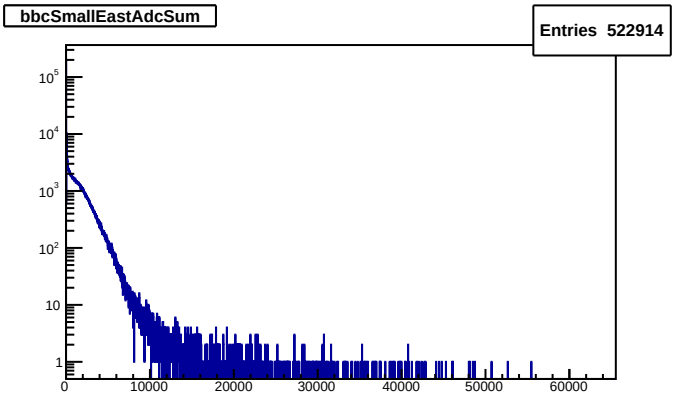

EQ2 QTC
Entries 5.019974e+07
TADC
QT Input Channel

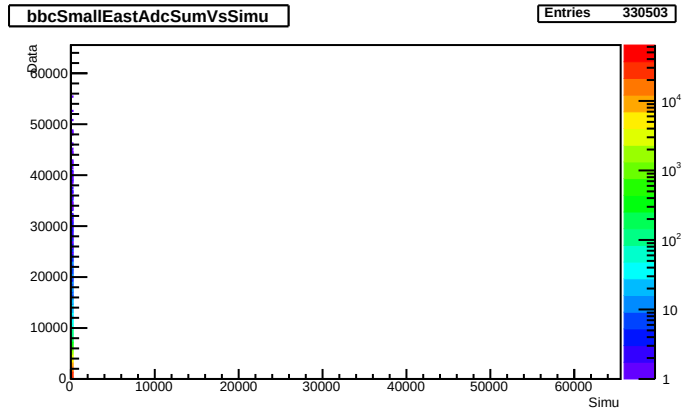

EQ3 QTB
Entries 1.33866e+08
ADC
QT Input Channel

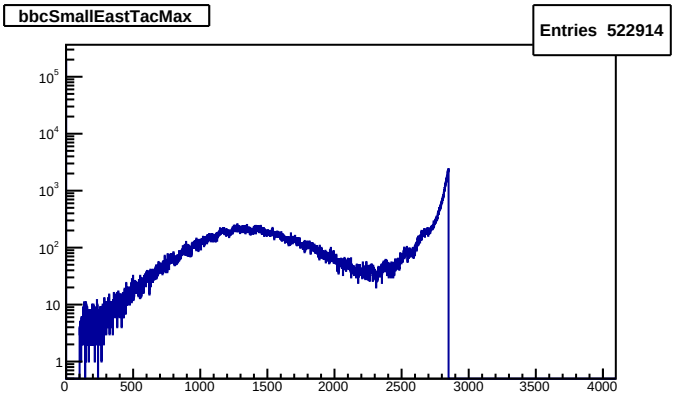

EQ3 QTB
Entries 3.907071e+07
TDC
QT Input Channel

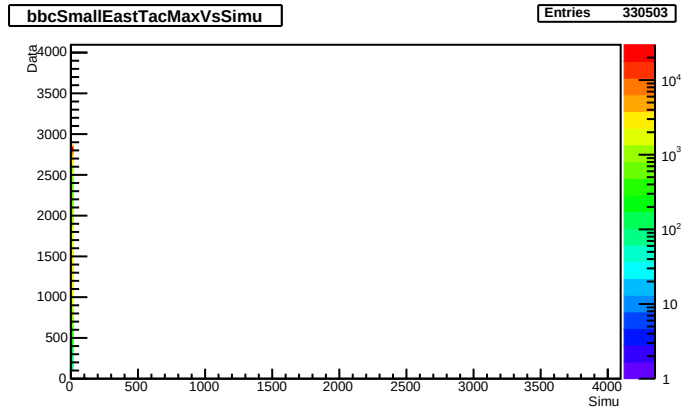

EQ3 QTC
Entries 5.019974e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.019974e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 522914


bbcSmallEastAdcSumVsSimu
Entries 330503
Data
Simu


bbcSmallEastTacMax
Entries 522914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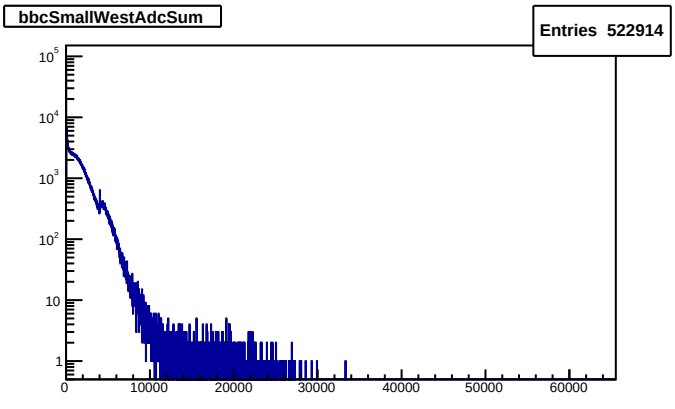
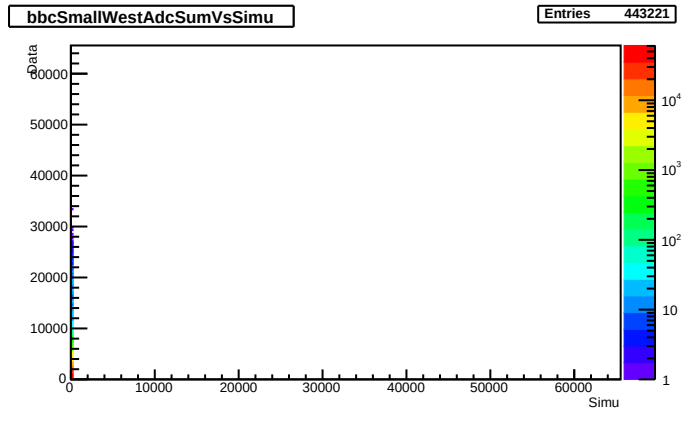
Entries 330503
Data
Simu


bbcSmallWestAdcSum
Entries 522914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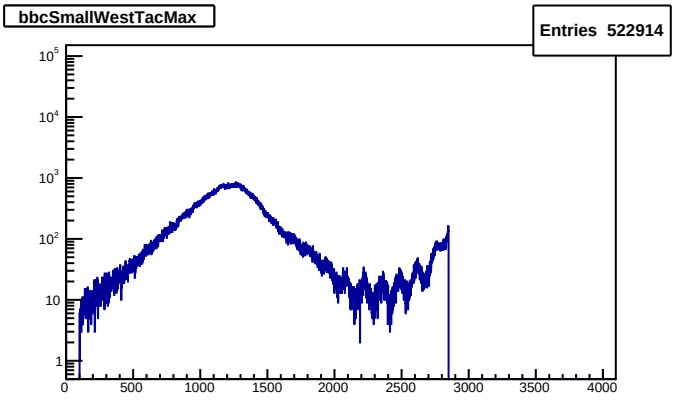
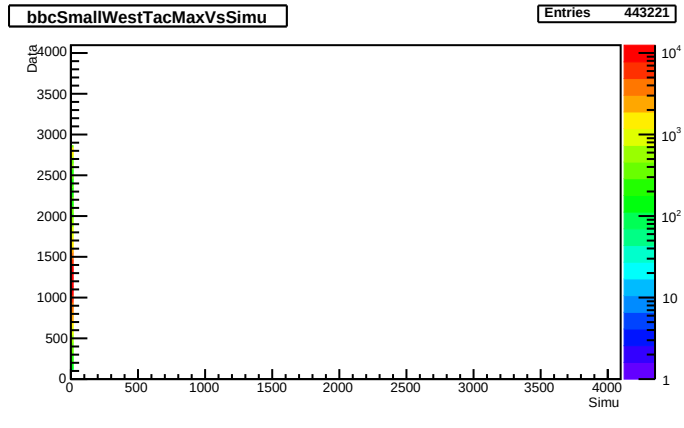
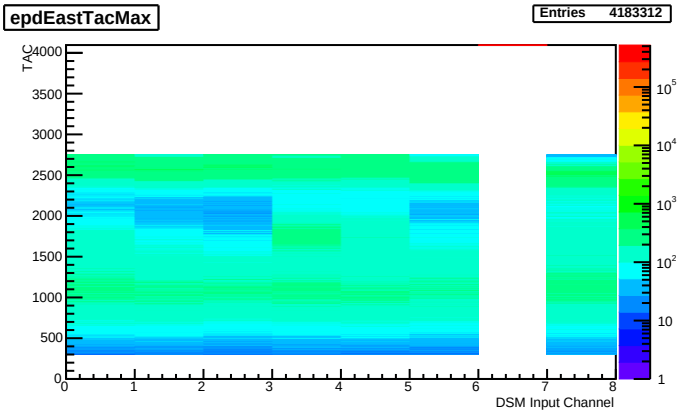
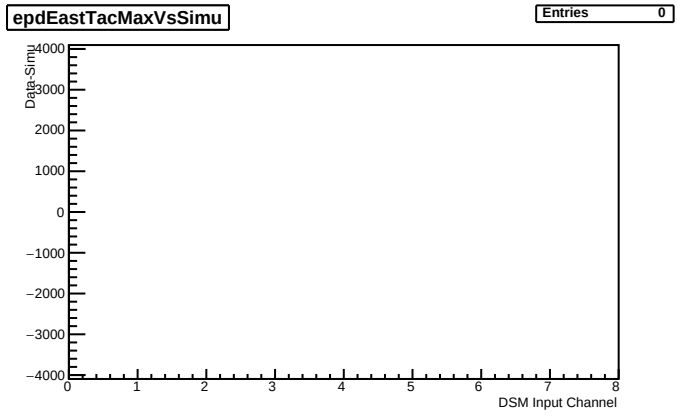
Entries 443221
Data
Simu


bbcSmallWestTacMax
Entries 522914


bbcSmallWestTacMaxVsSimu
Entries 443221
Data
Simu


epdEastTacMax
Entries 4183312
TAC
DSM Input Channel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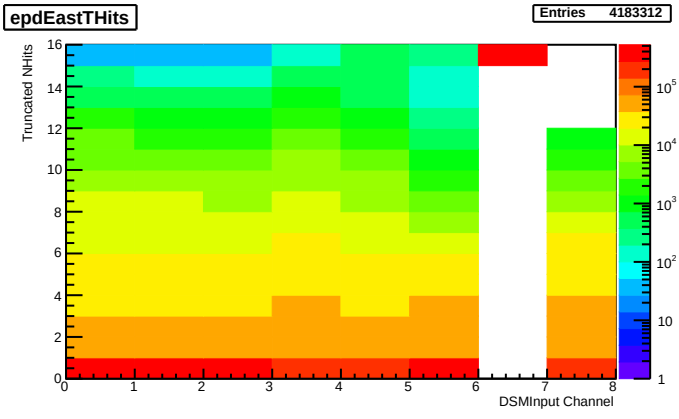
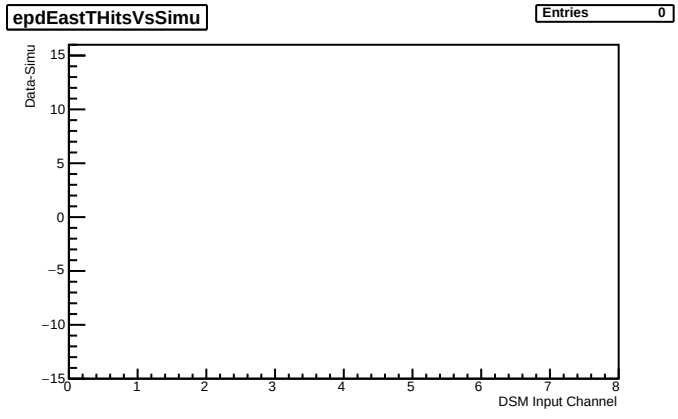
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4183312
Truncated NHits
DSMInput Channel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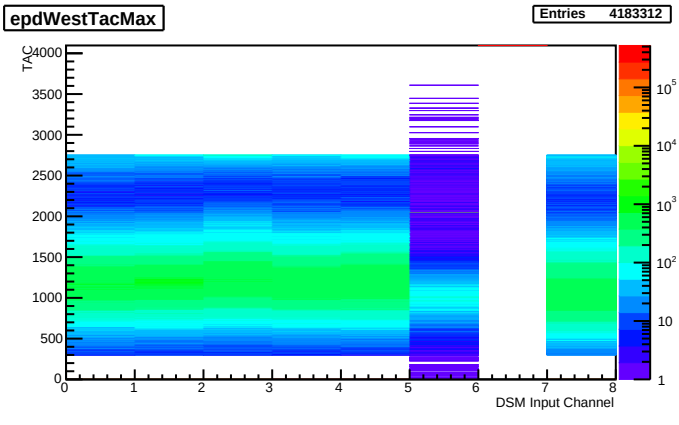
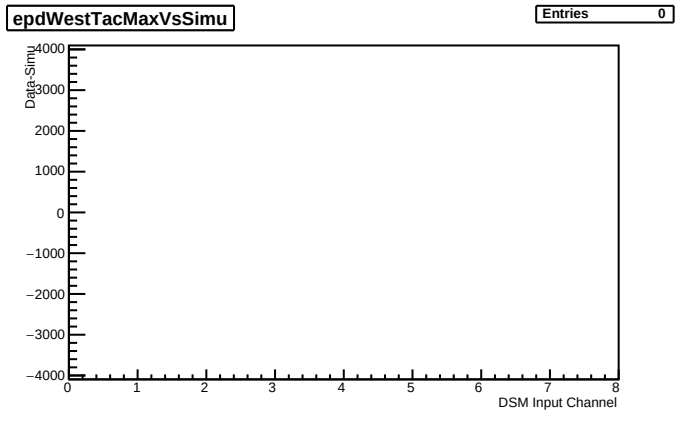
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4183312
TAC
DSM Input Channel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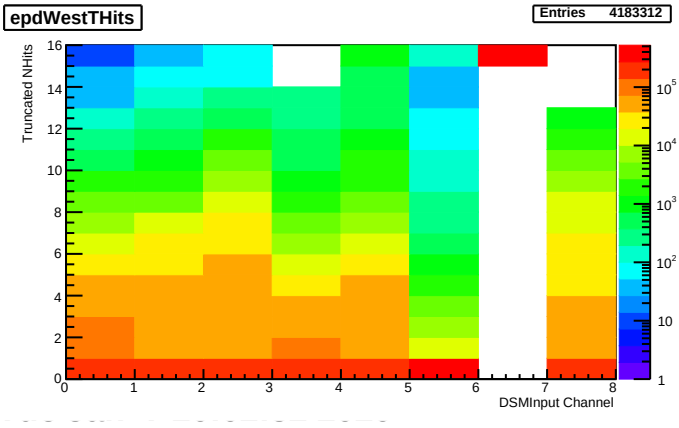
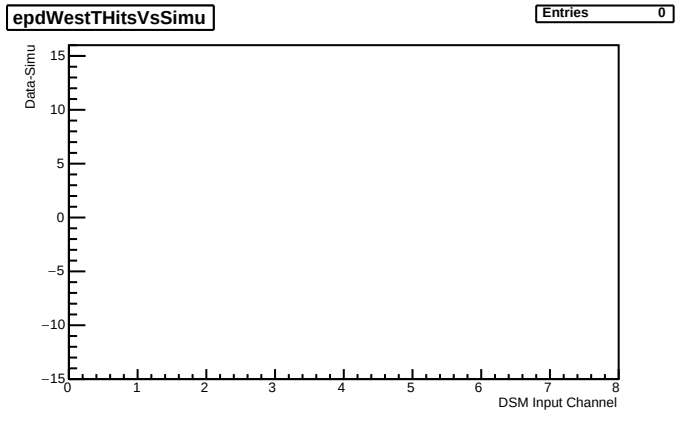
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4183312
Truncated NHits
DSMInput Channel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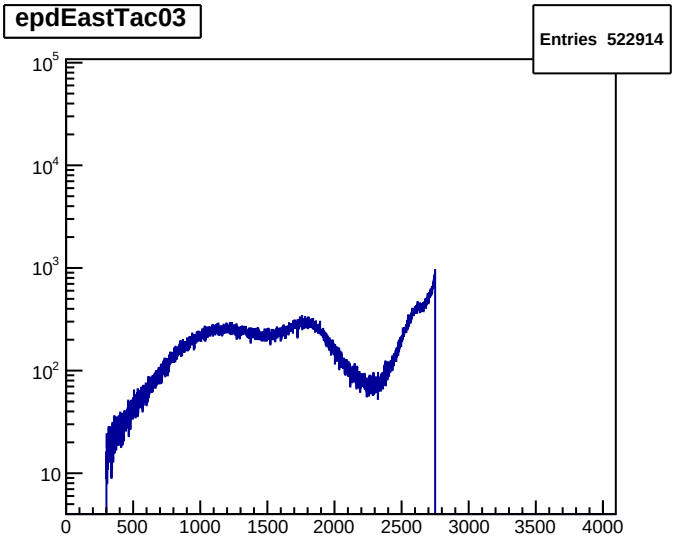
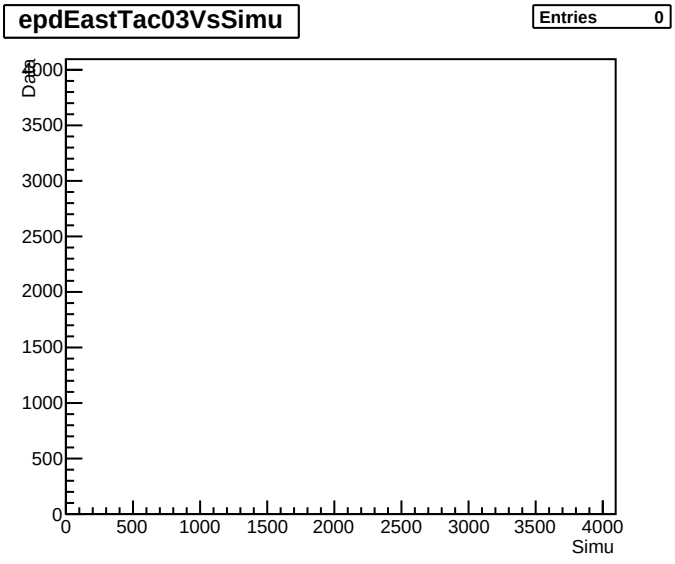
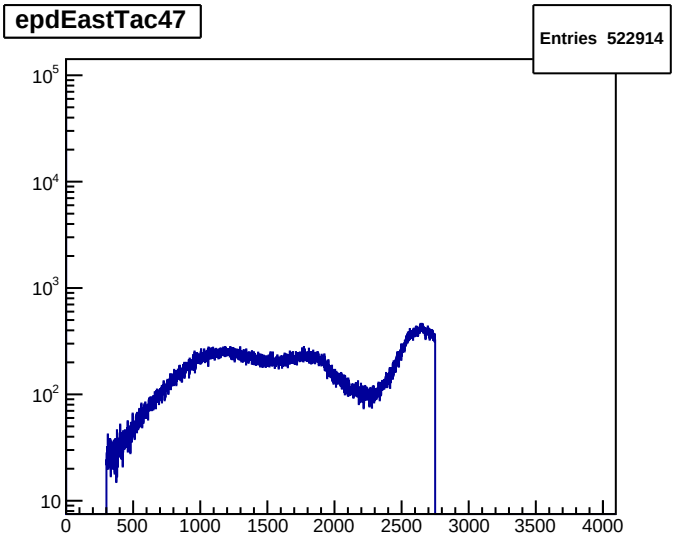
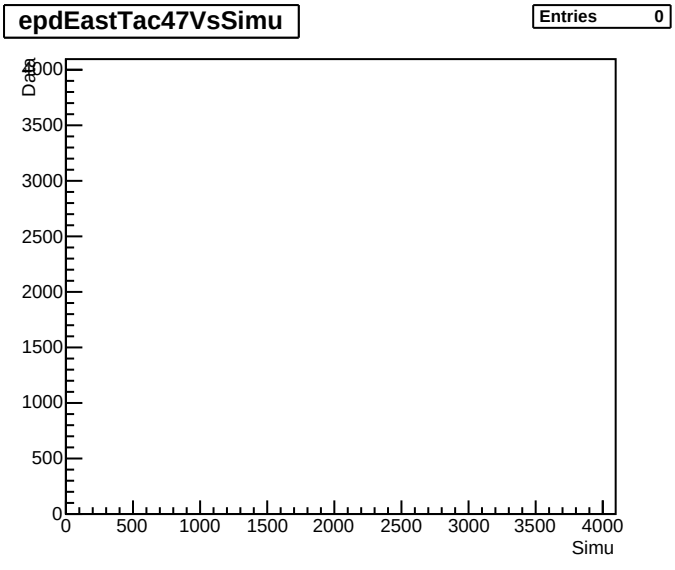
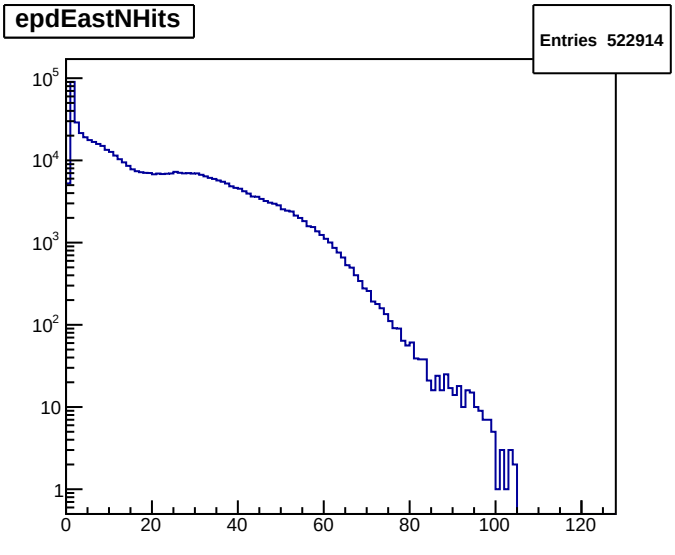
Entries 0
Data-Simu
DSM Input Channel

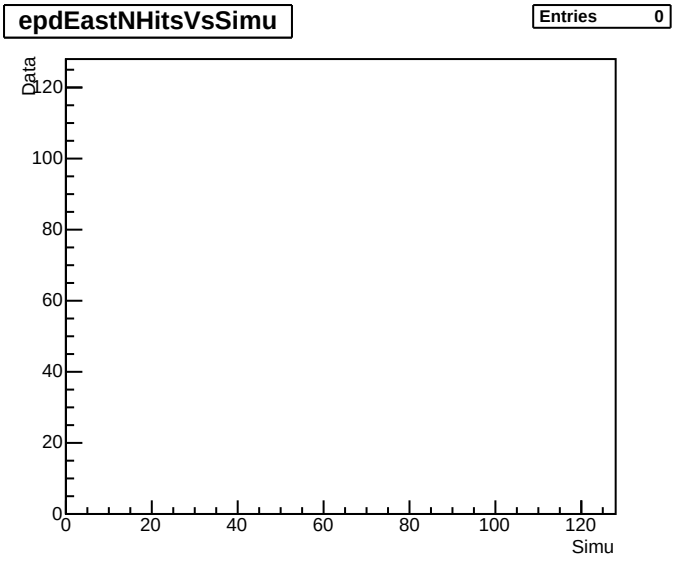

epdEastTac03
Entries 522914


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 522914


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 522914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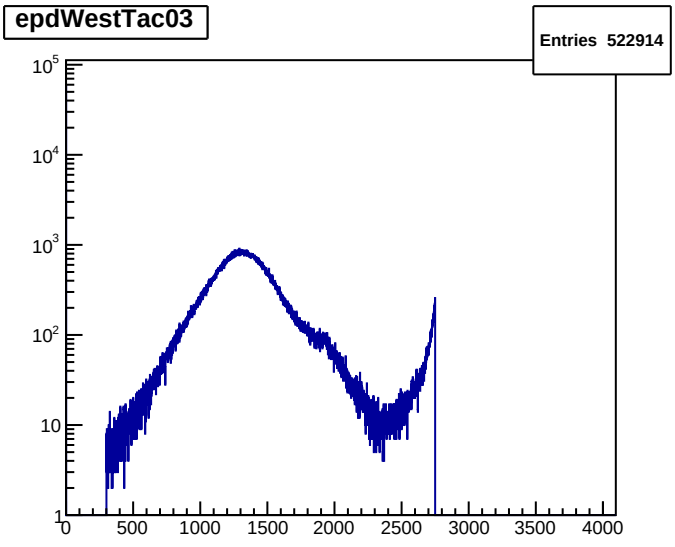
Entries 0
Data
Simu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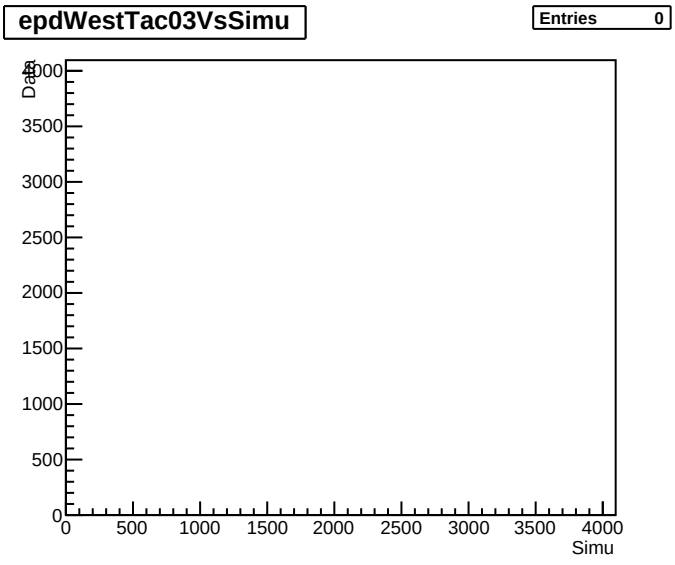
Entries 522914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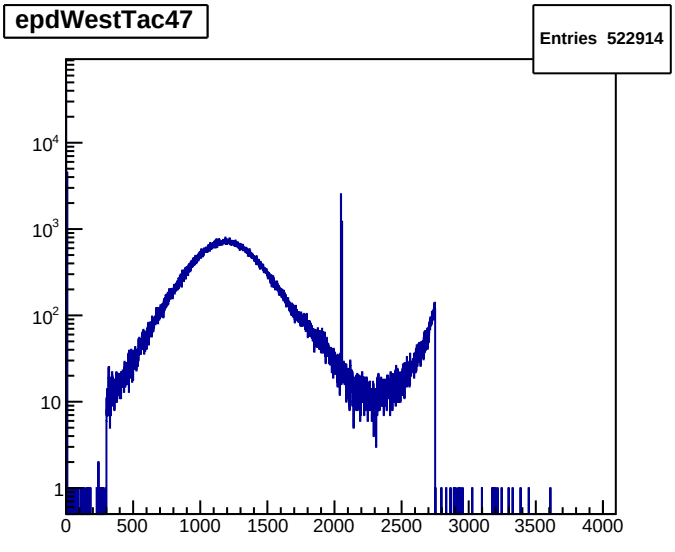
Entries 0
Data
Simu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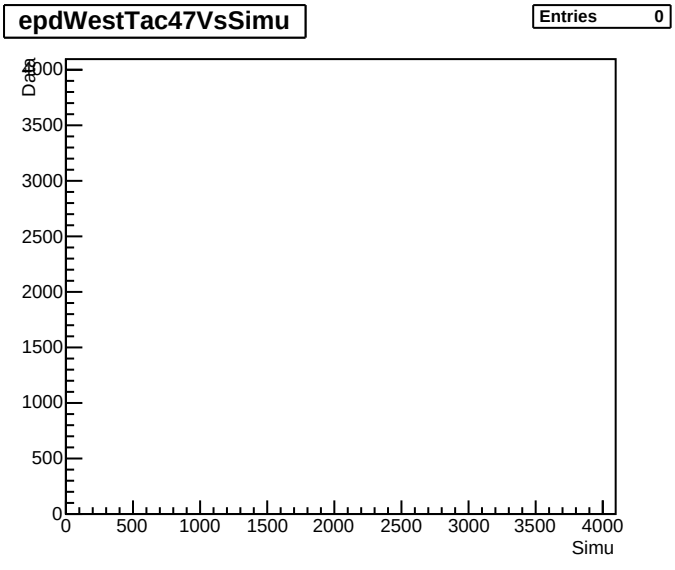
Entries 522914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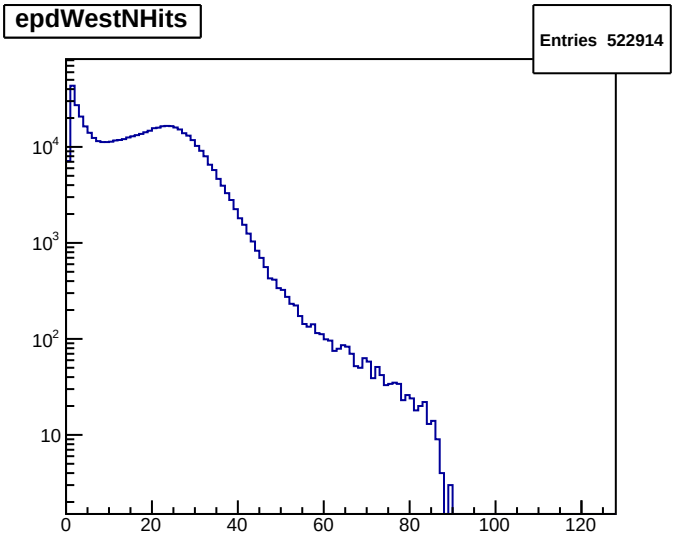
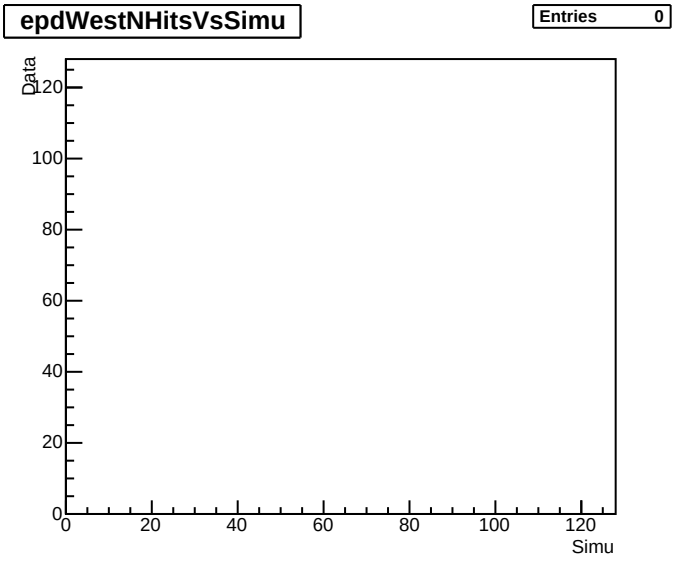
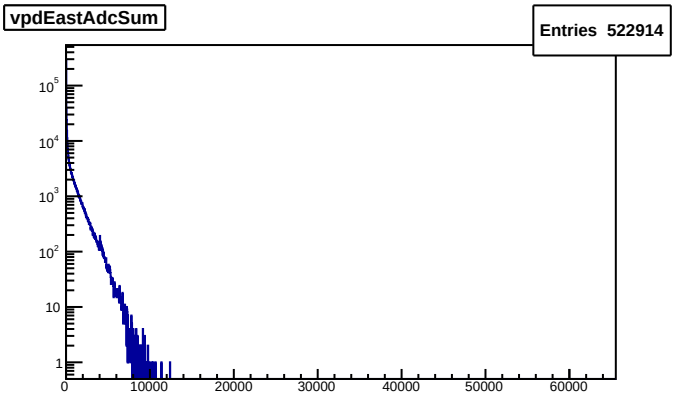
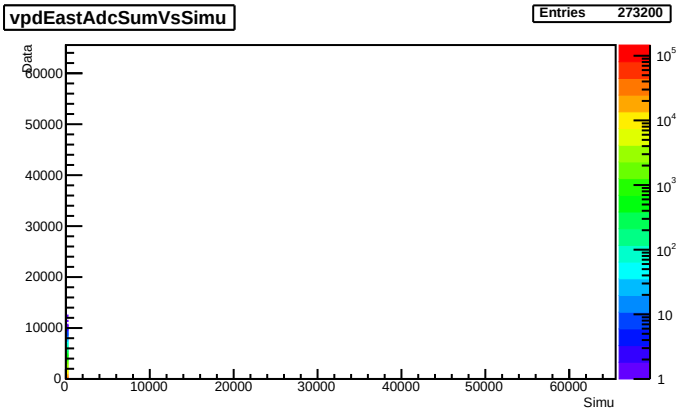
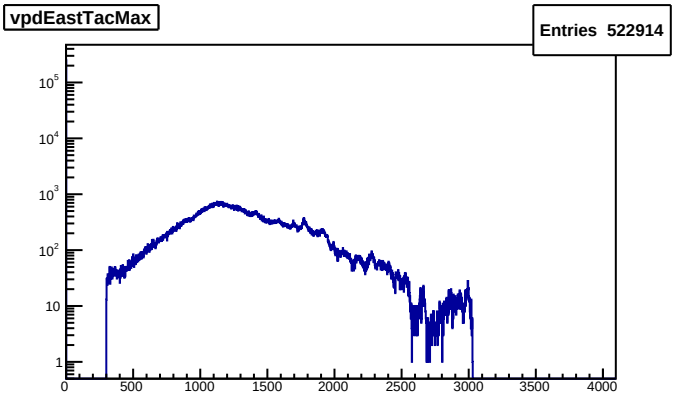
Entries 0
Data
Simu

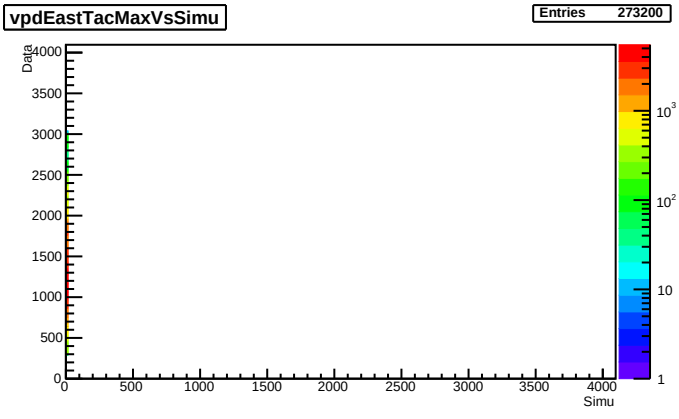

epdWestNHits
Entries 522914


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 522914


vpdEastAdcSumVsSimu
Entries 273200
Data
Simu


vpdEastTacMax
Entries 522914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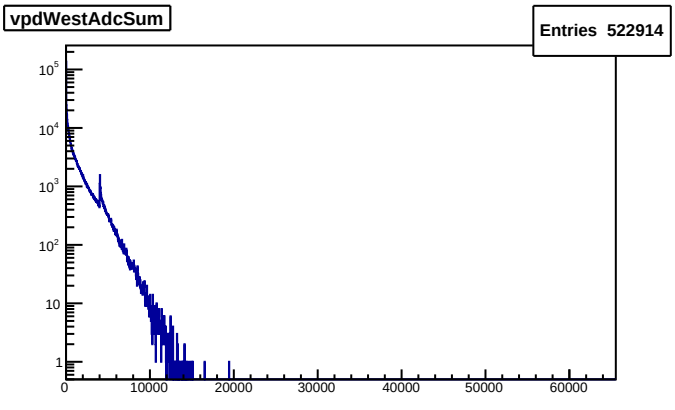
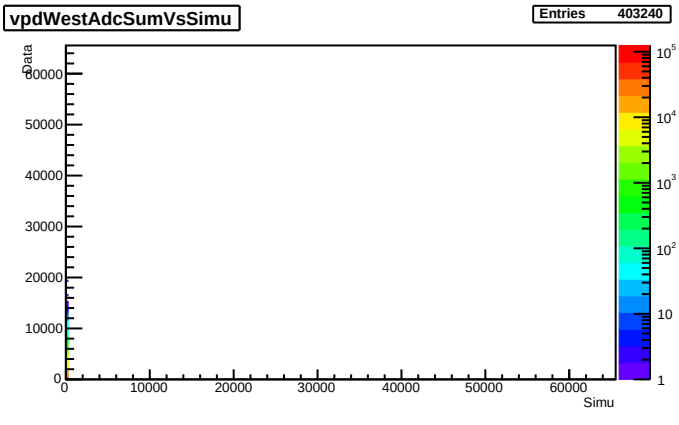
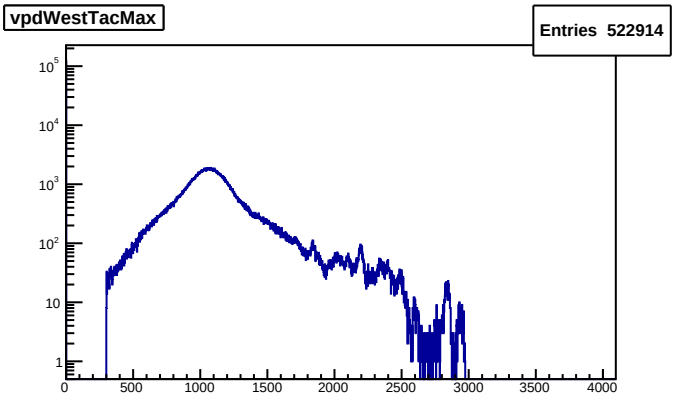
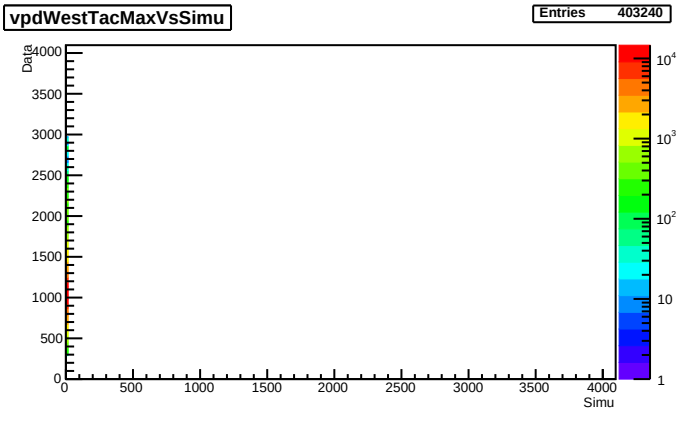
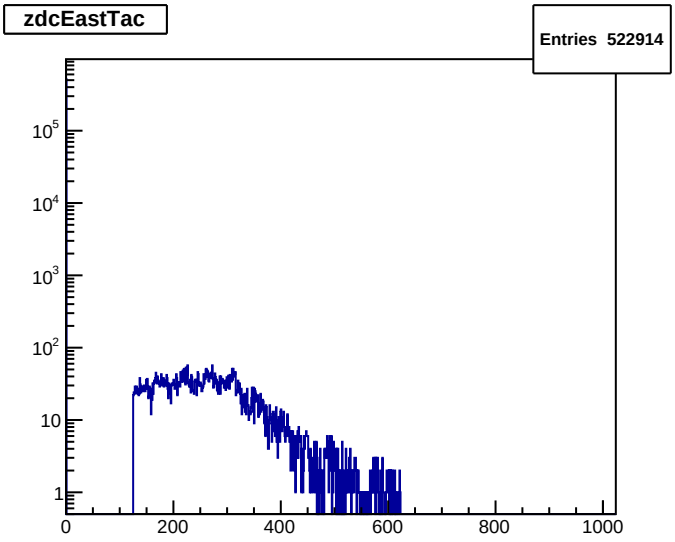
Entries 273200
Data
Simu

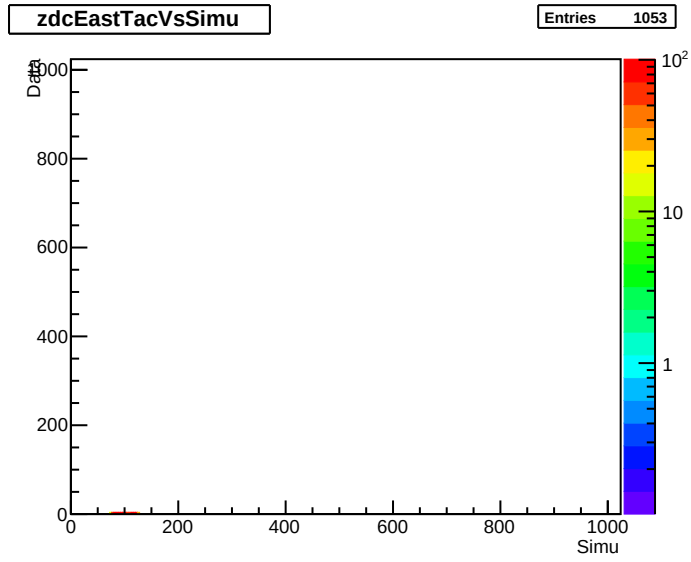

vpdWestAdcSum
Entries 522914

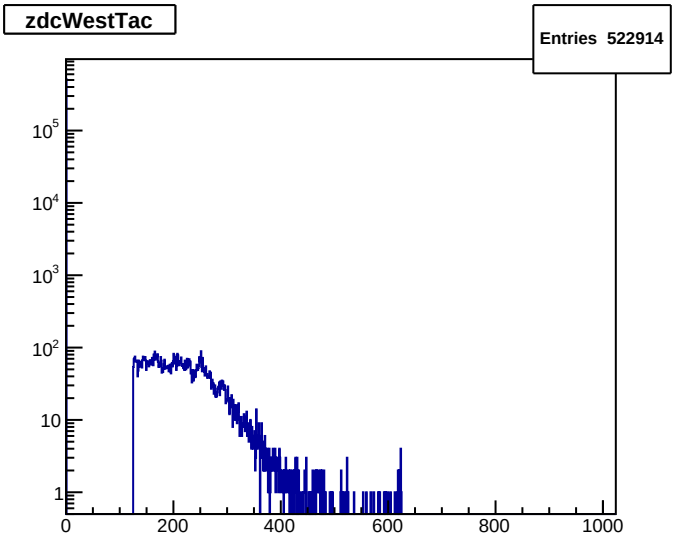

vpdWestAdcSumVsSimu
Entries 403240
Data
Simu

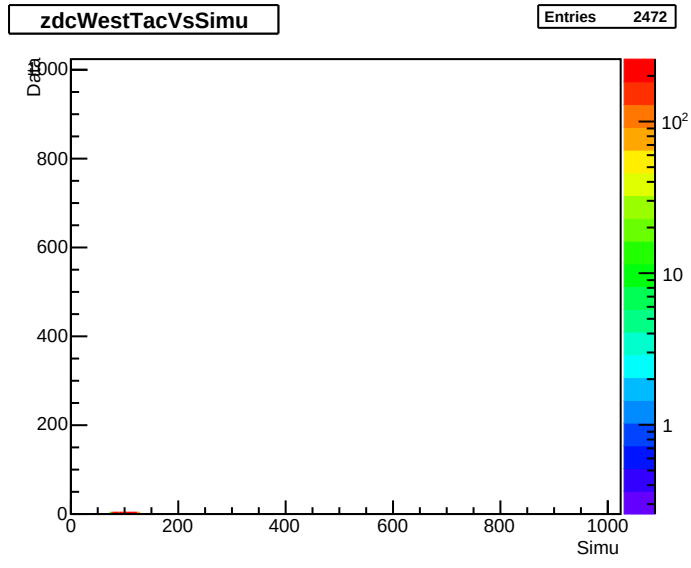

vpdWestTacMax
Entries 522914

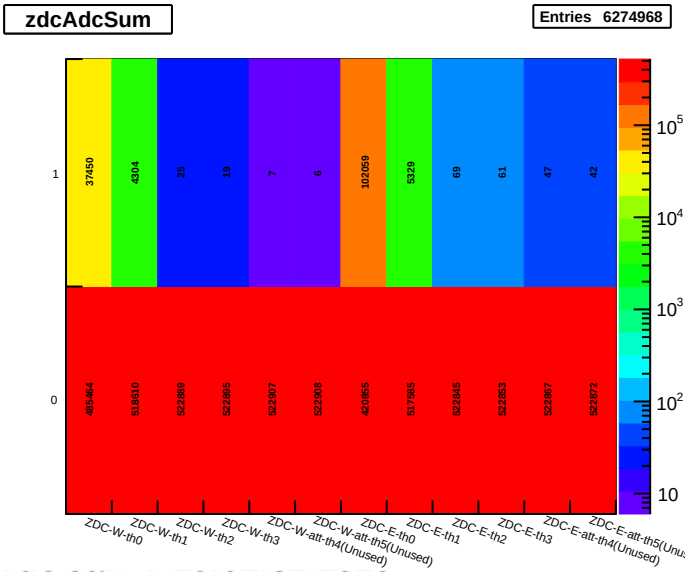

vpdWestTacMaxVsSimu
Entries 403240
Data
Simu

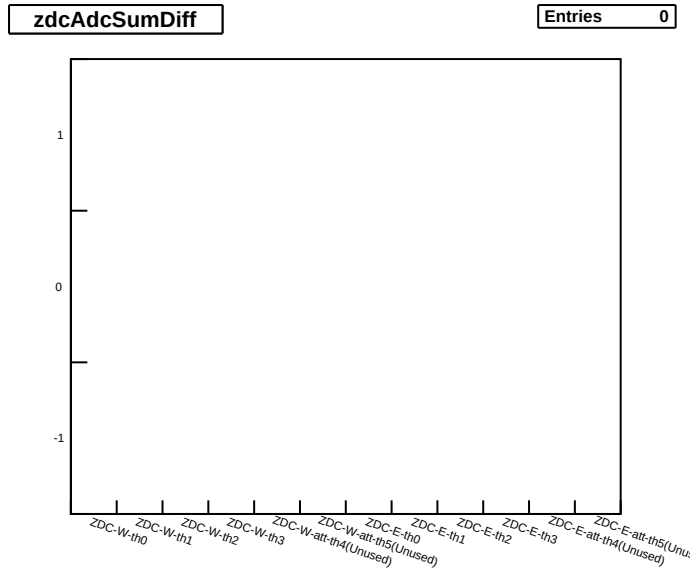

zdcEastTac
Entries 522914

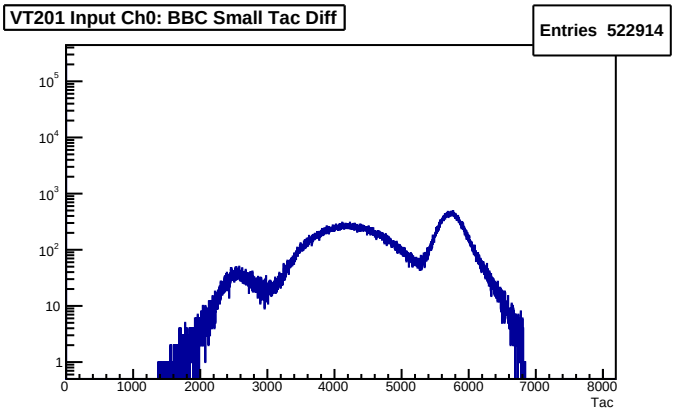

zdcEastTacVsSimu
Entries 1053
Data
Simu

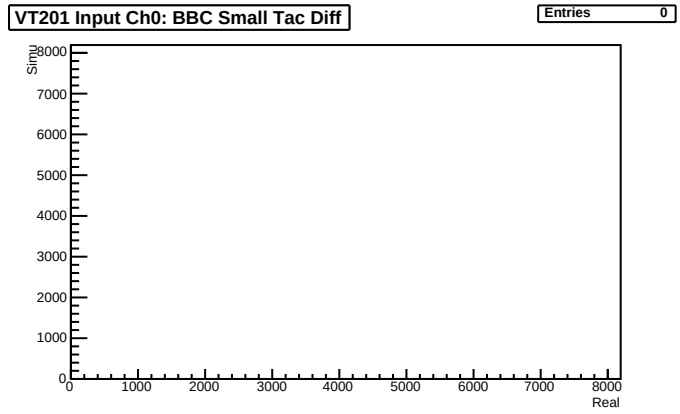

zdcWestTac
Entries 522914

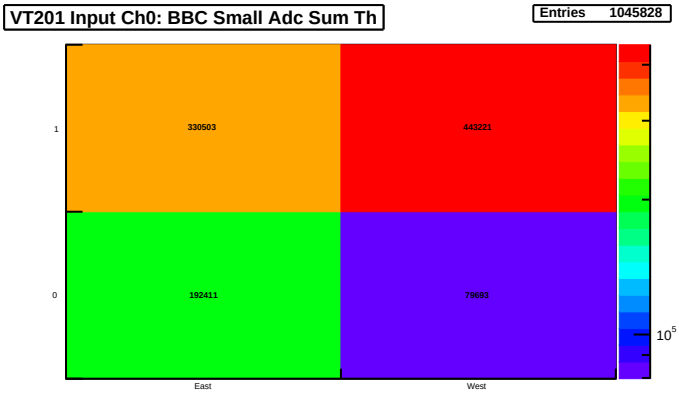

zdcWestTacVsSimu
Entries 2472
Data
Simu

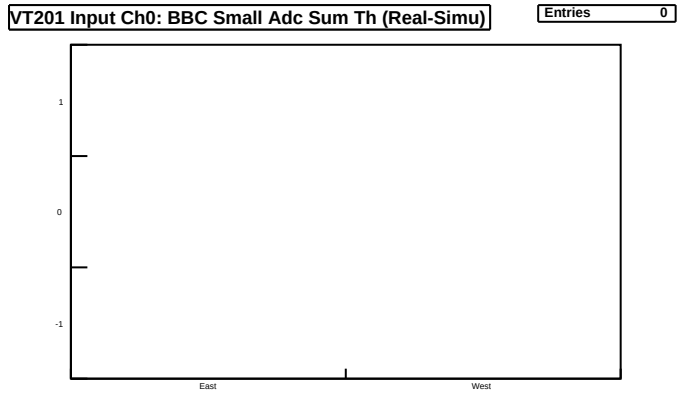

zdcAdcSum
Entries 6274968
37450
4304
25
19
7
6
102059
5329
69
61
47
42
485464
518610
522889
522895
522907
522908
420655
517585
522845
522853
522867
522872
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

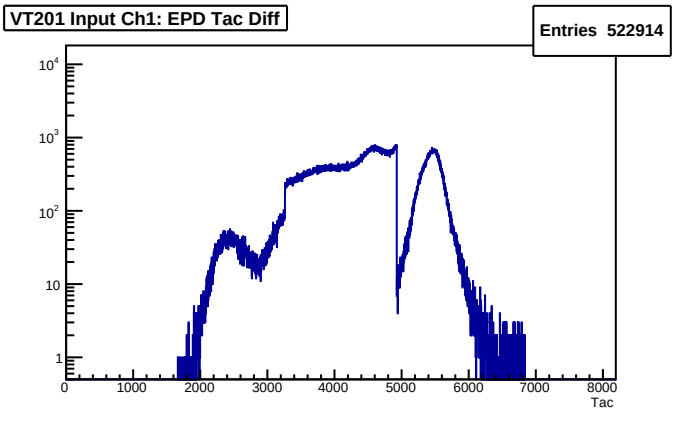

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

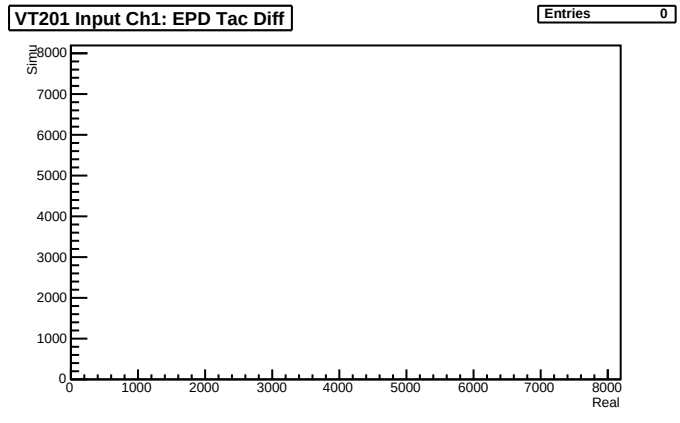

VT201 Input Ch0: BBC Small Tac Diff
Entries 522914
Tac

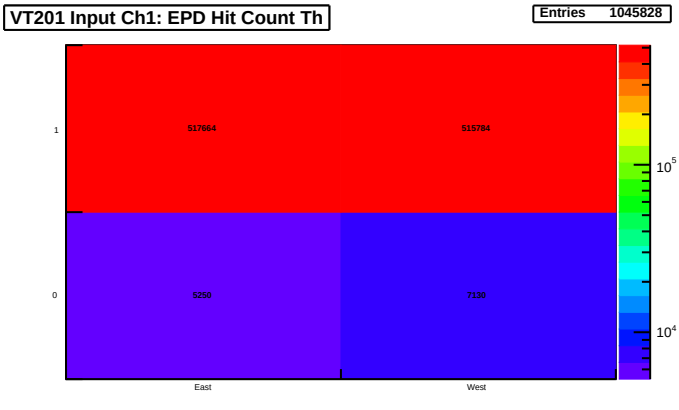

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

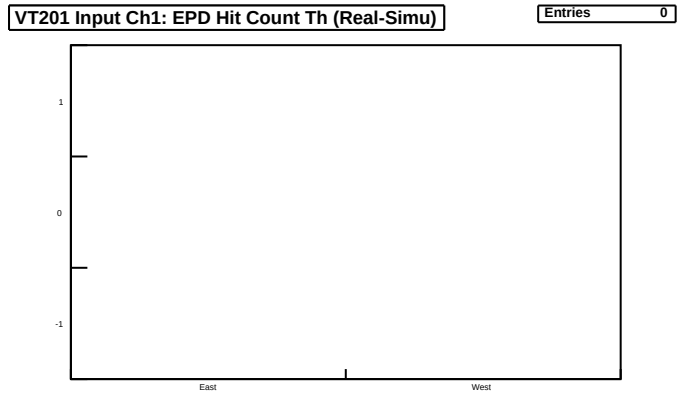

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1045828
330503
443221
192411
79693
East
West

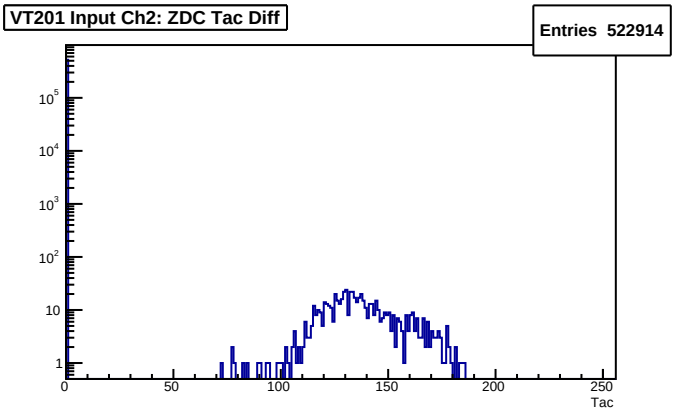

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

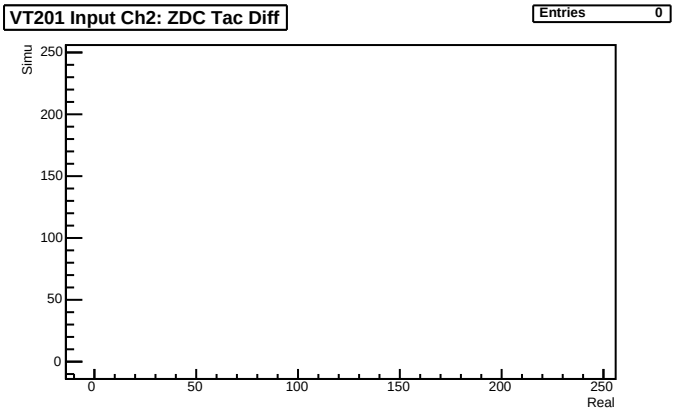

VT201 Input Ch1: EPD Tac Diff
Entries 522914
Tac

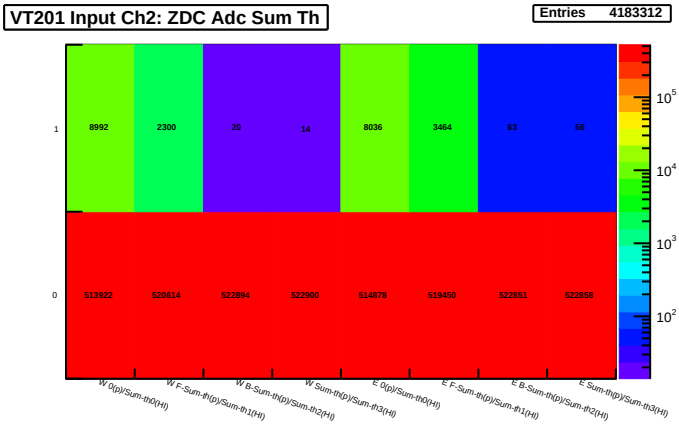

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

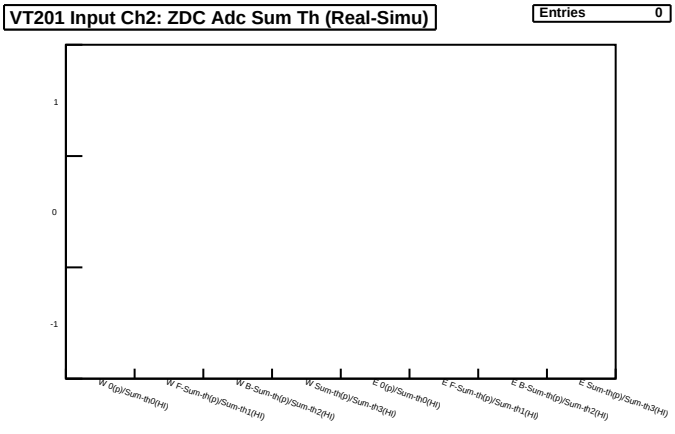

VT201 Input Ch1: EPD Hit Count Th
Entries 1045828
517664
515784
5250
7130
East
West

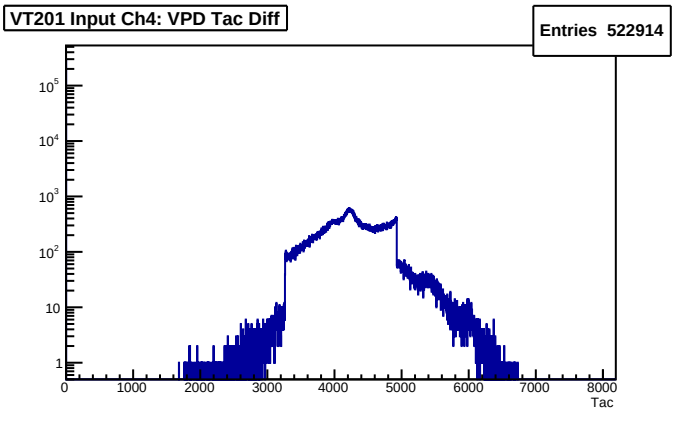

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

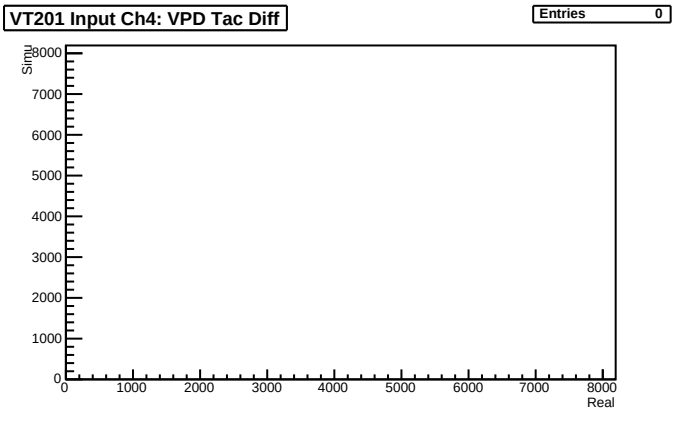

VT201 Input Ch2: ZDC Tac Diff
Entries 522914
Tac

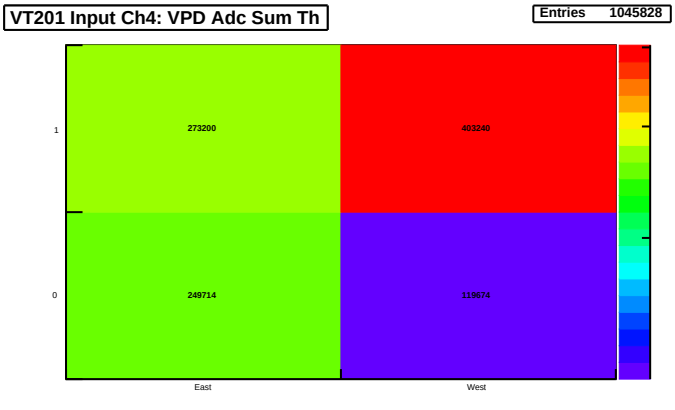

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

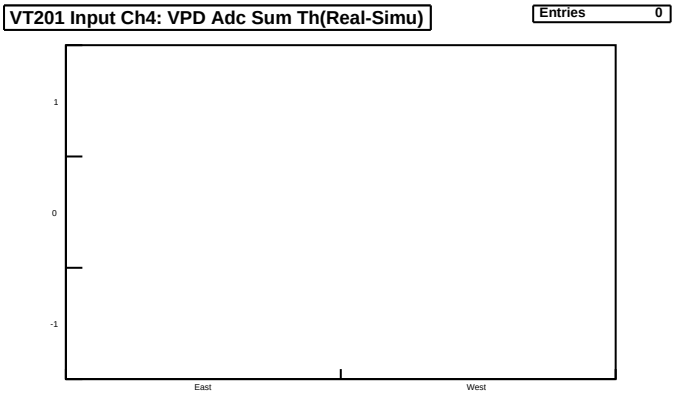

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4183312
8992
2300
20
14
8036
3464
63
56
513922
520614
522894
522900
514878
519450
522851
522858
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

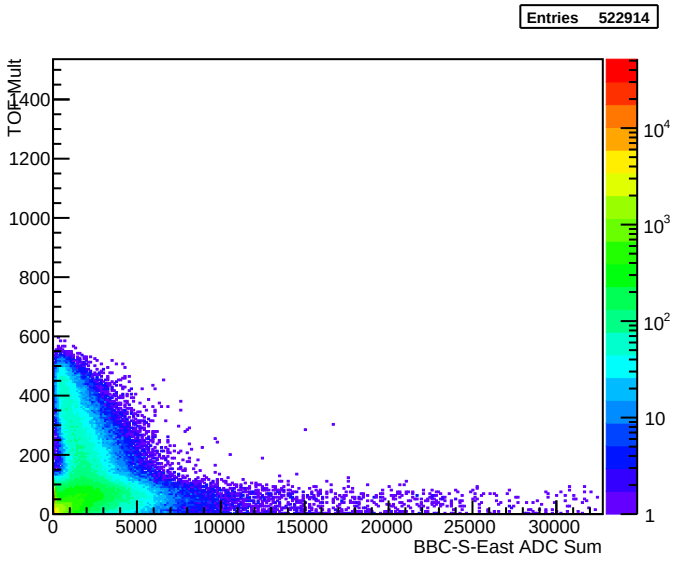

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

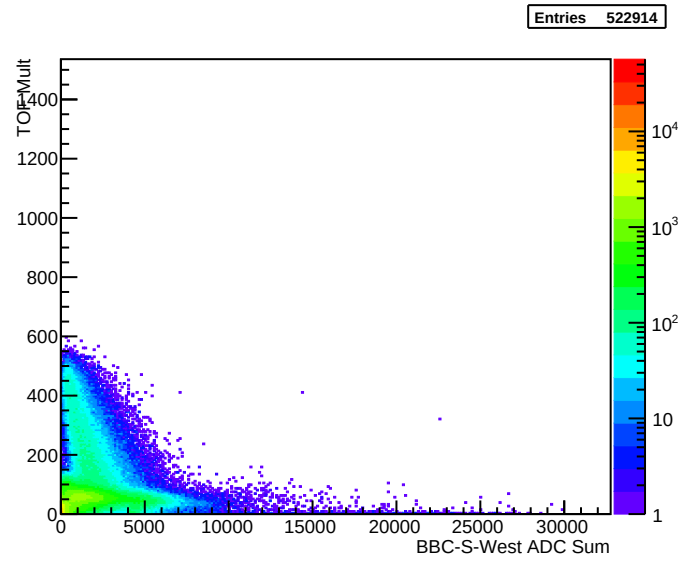

VT201 Input Ch4: VPD Tac Diff
Entries 522914
Tac

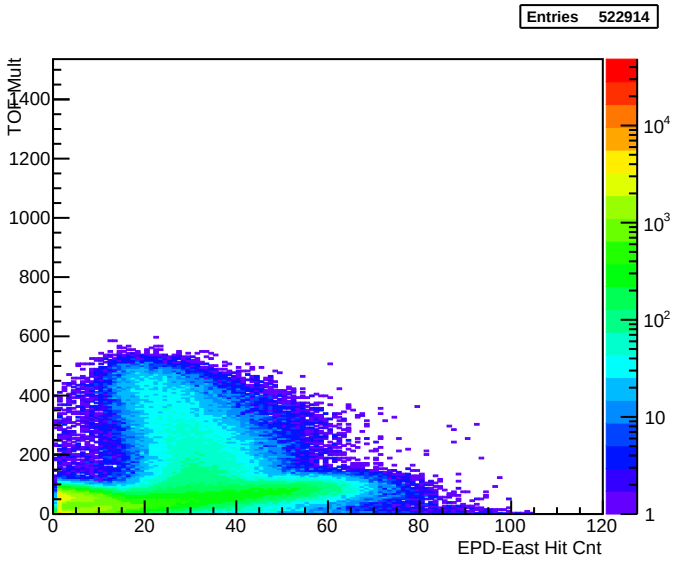

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

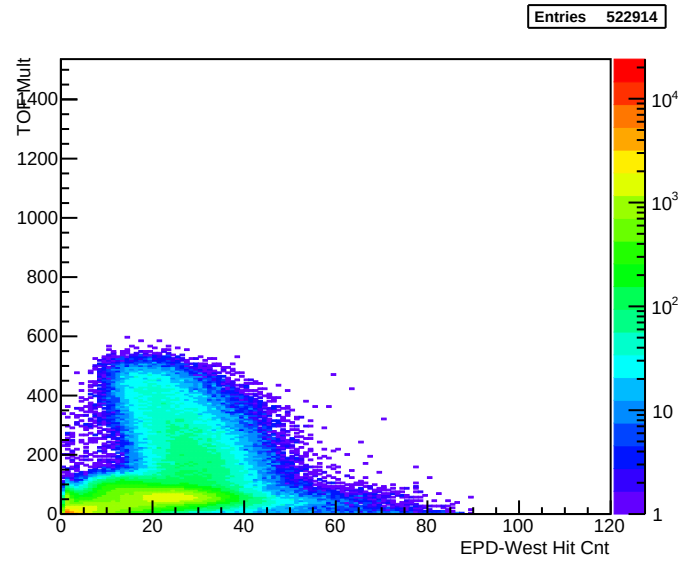

VT201 Input Ch4: VPD Adc Sum Th
Entries 1045828
273200
403240
249714
119674
East
West

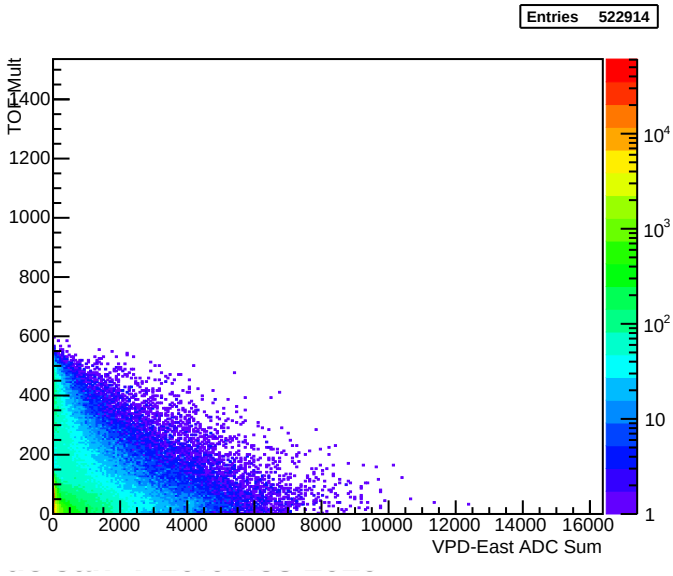

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

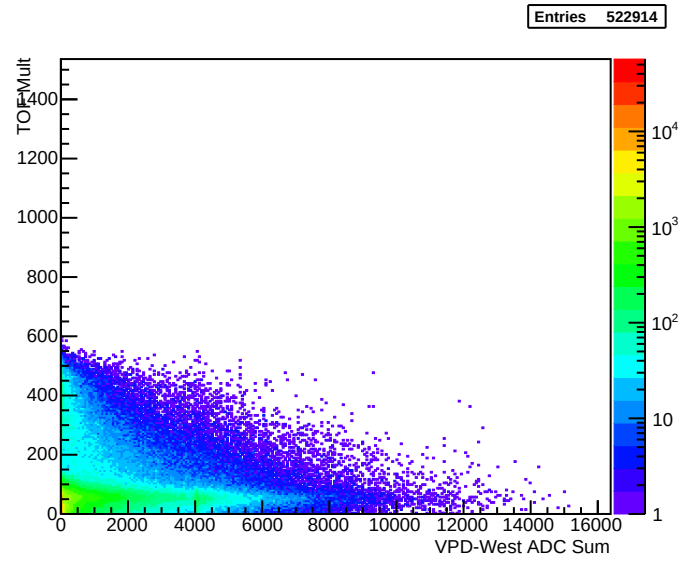

Entries 522914
TOF-Mult
BBC-S-East ADC Sum

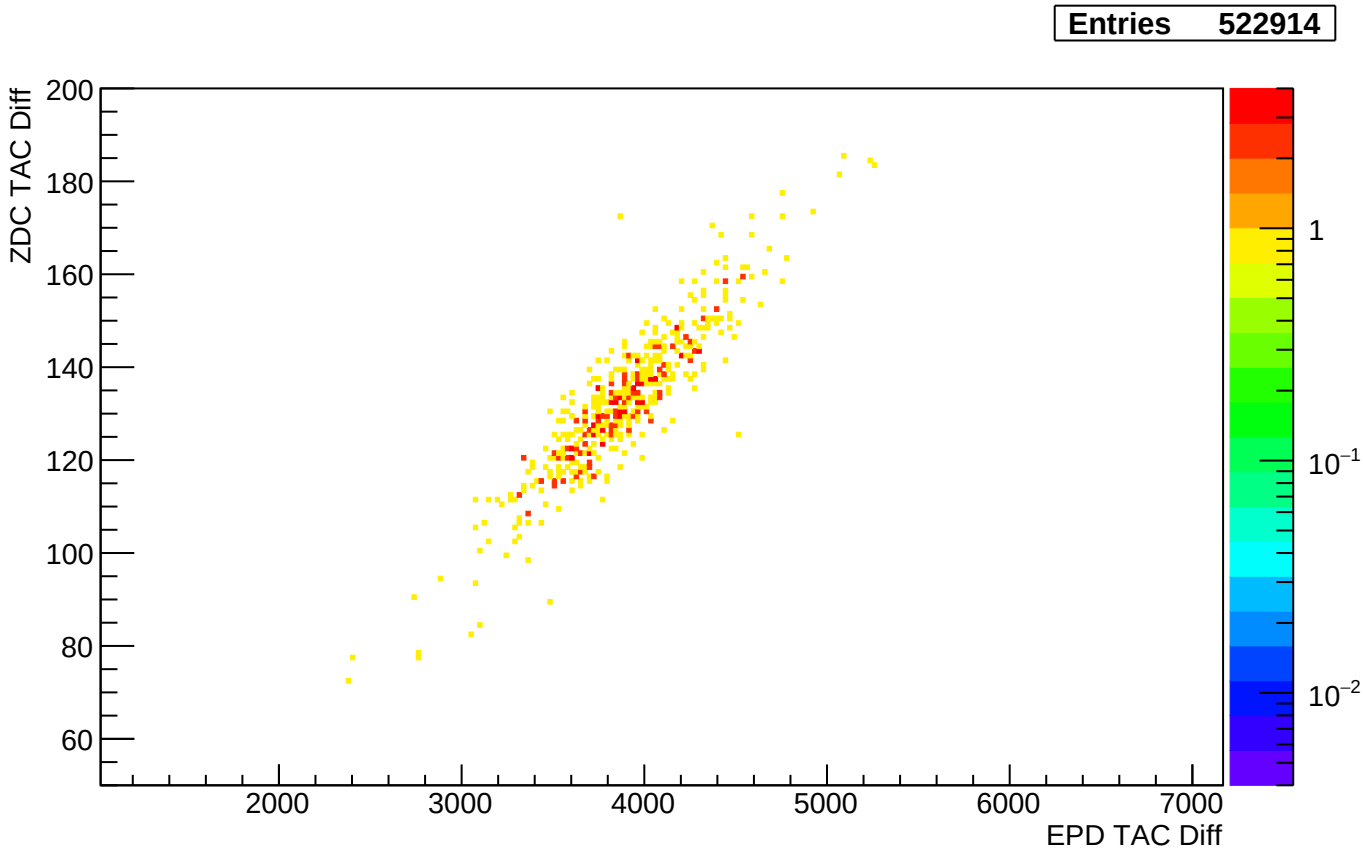

Entries 522914
TOF-Mult
BBC-S-West ADC Sum

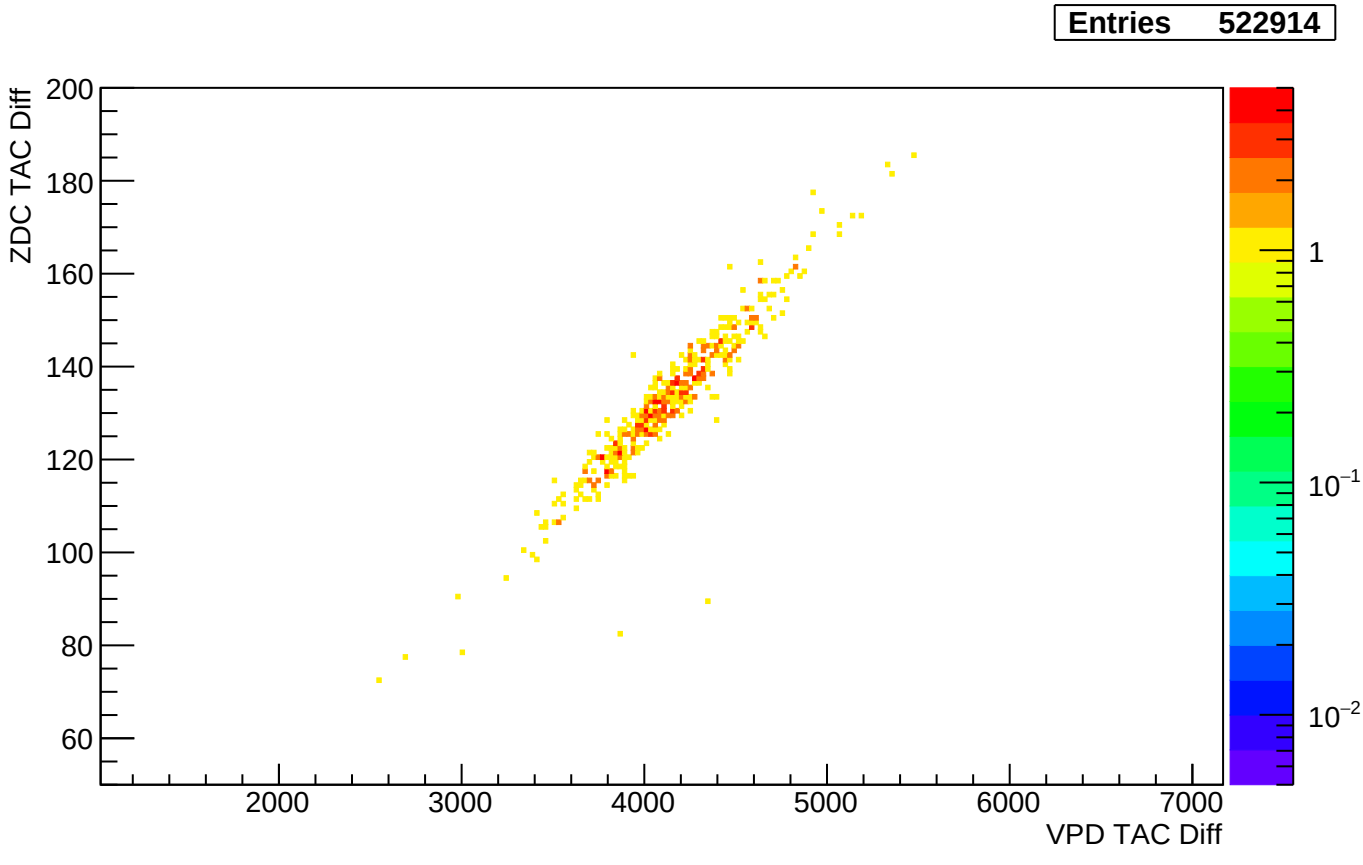

Entries 522914
TOF-Mult
EPD-East Hit Cnt

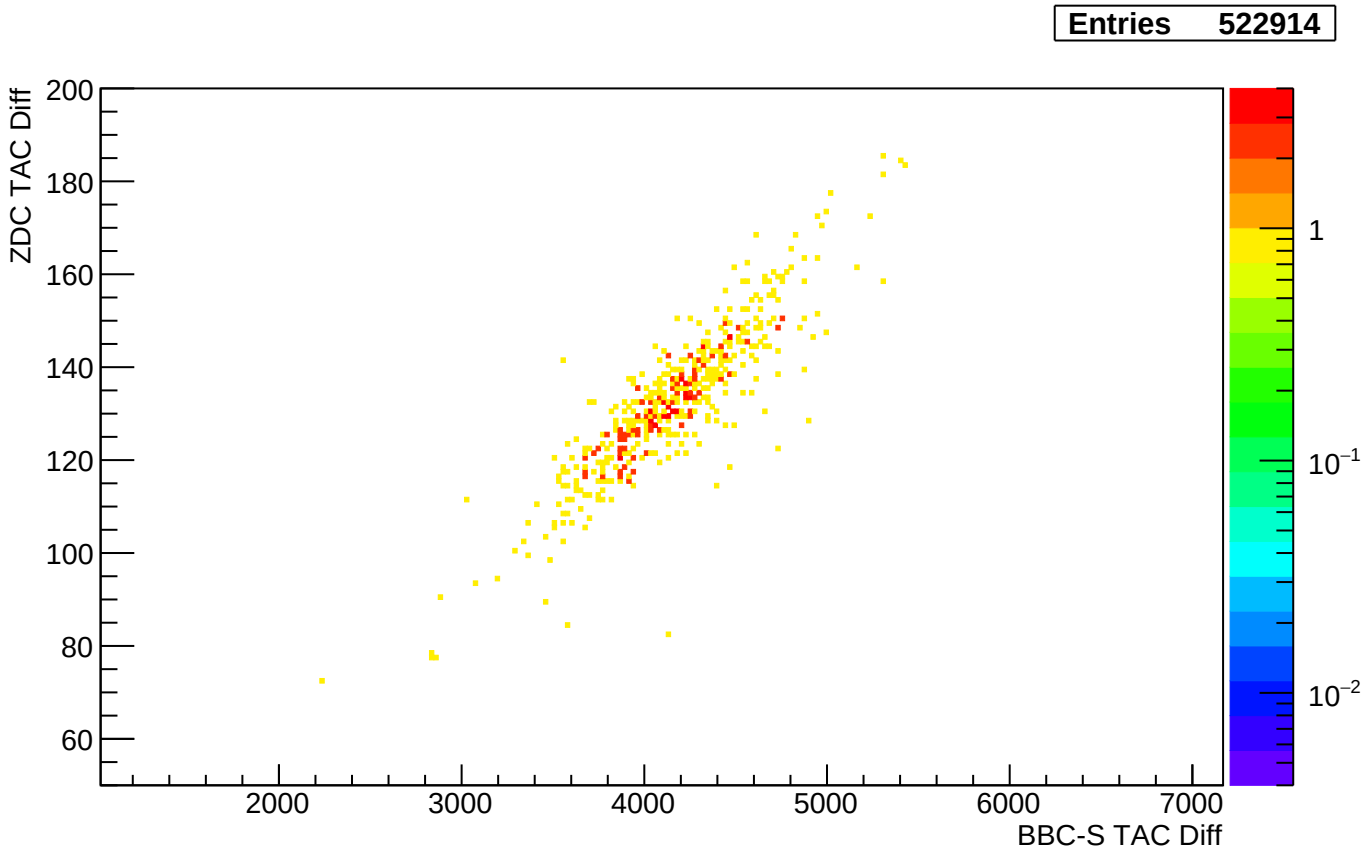

Entries 522914
TOF-Mult
EPD-West Hit Cnt

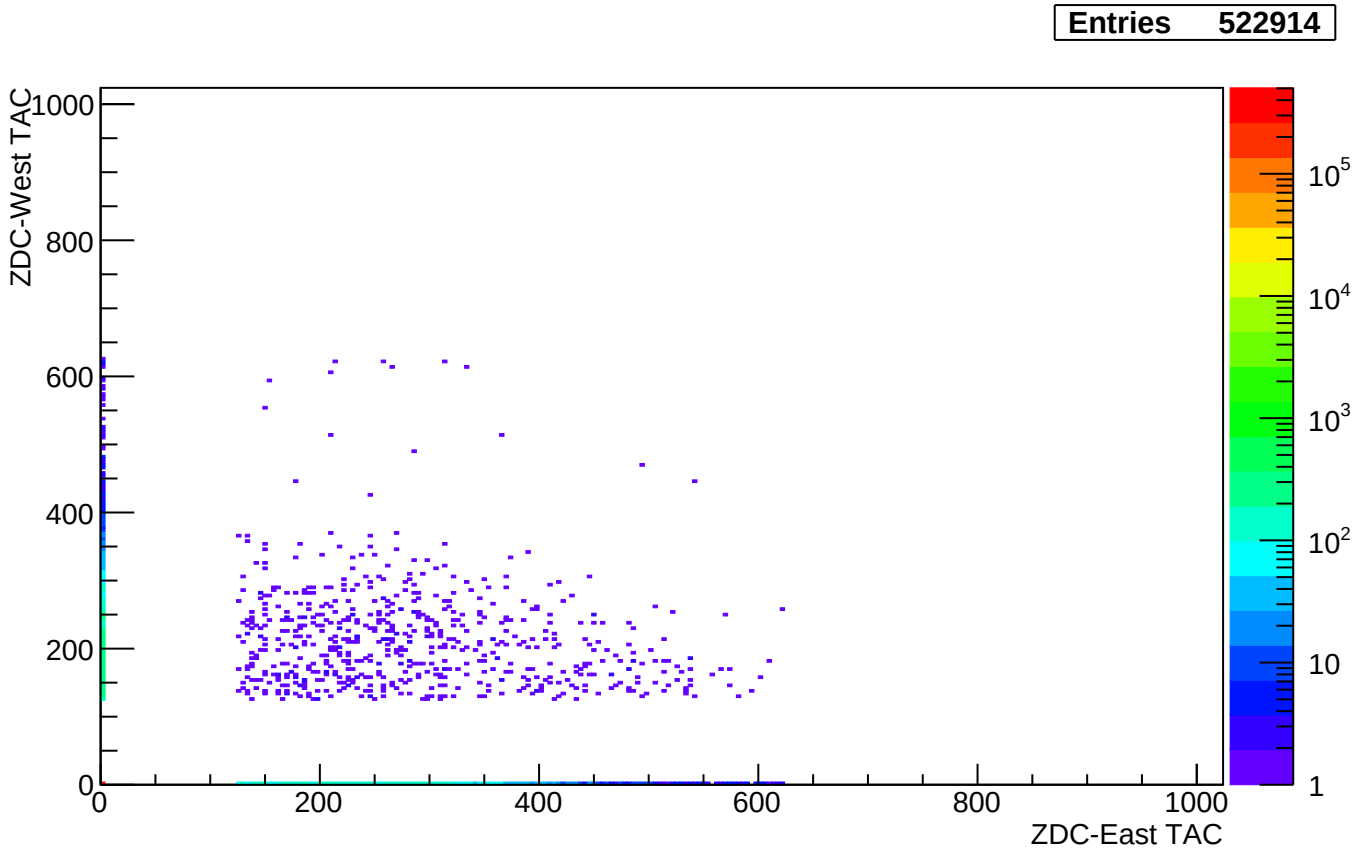

Entries 522914
TOF-Mult
VPD-East ADC Sum

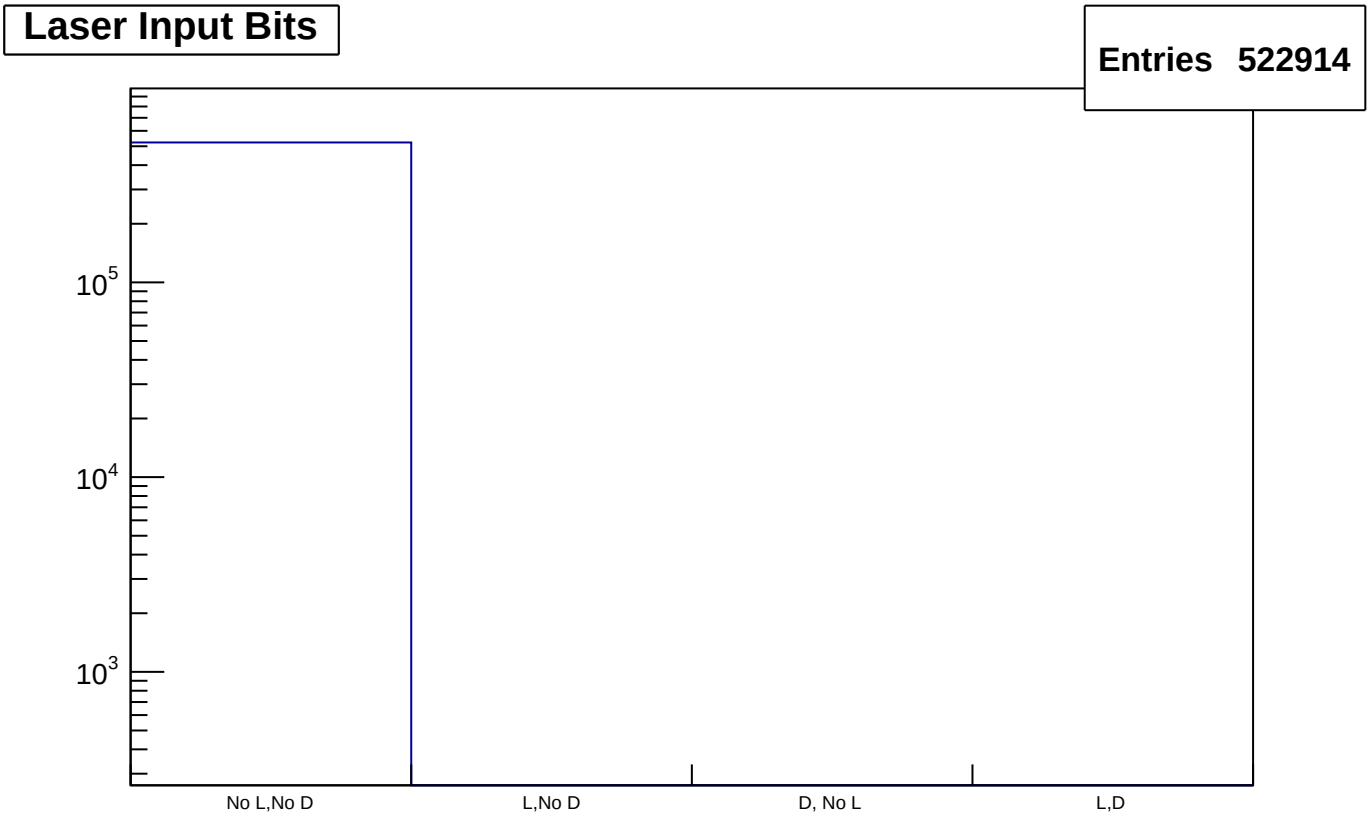

Entries 522914
TOF-Mult
VPD-West ADC Sum

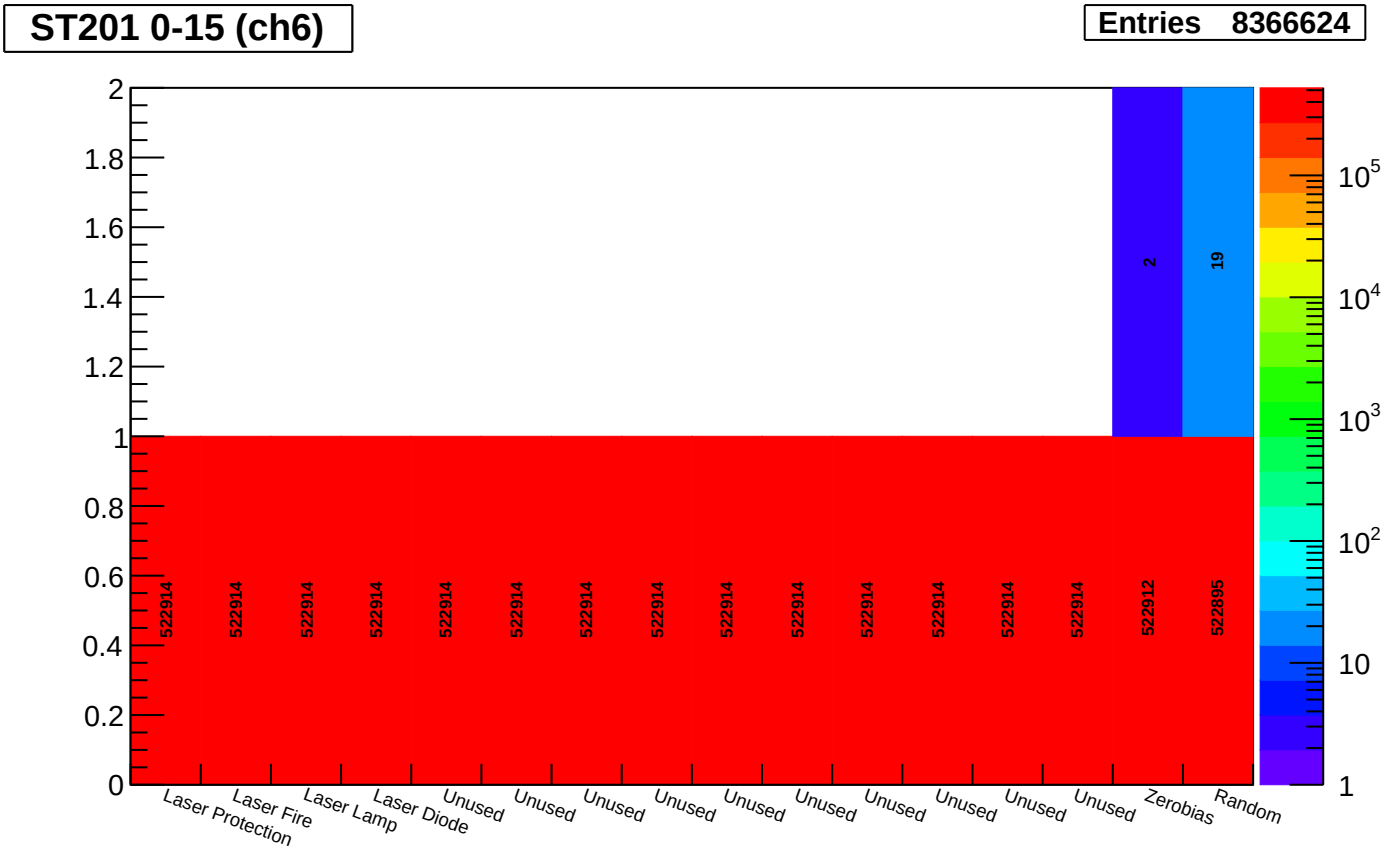

Entries 522914
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

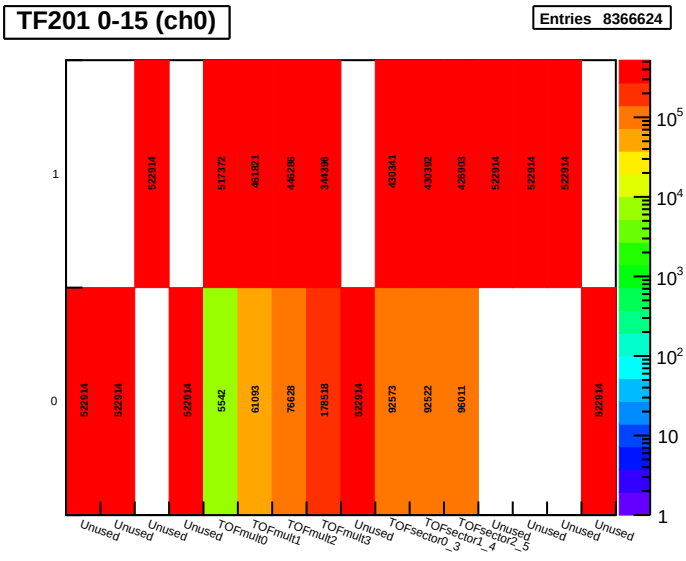

Entries 522914
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

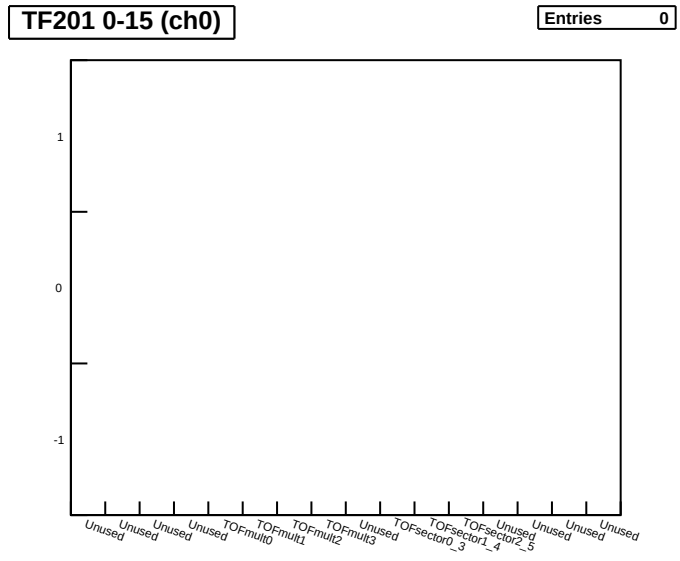

Entries 522914
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

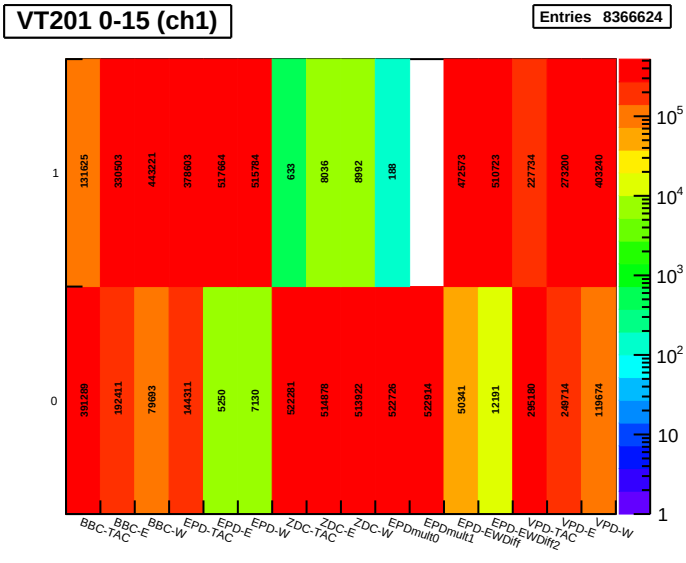

Entries 522914
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

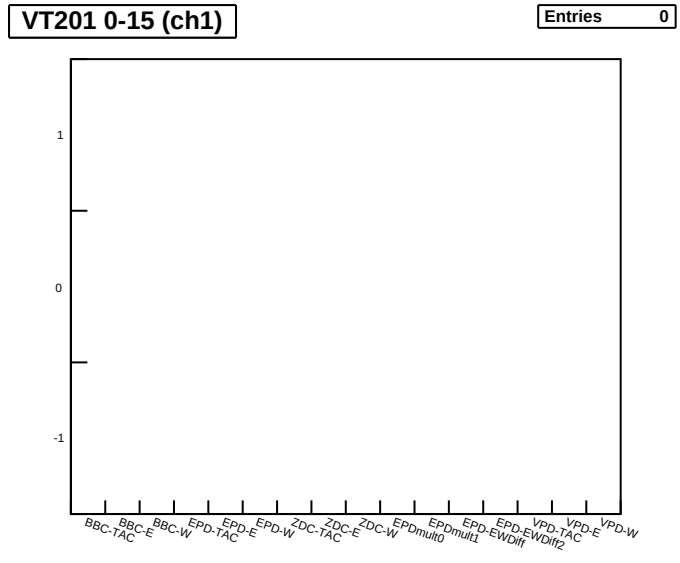

Laser Input Bits
Entries 522914
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

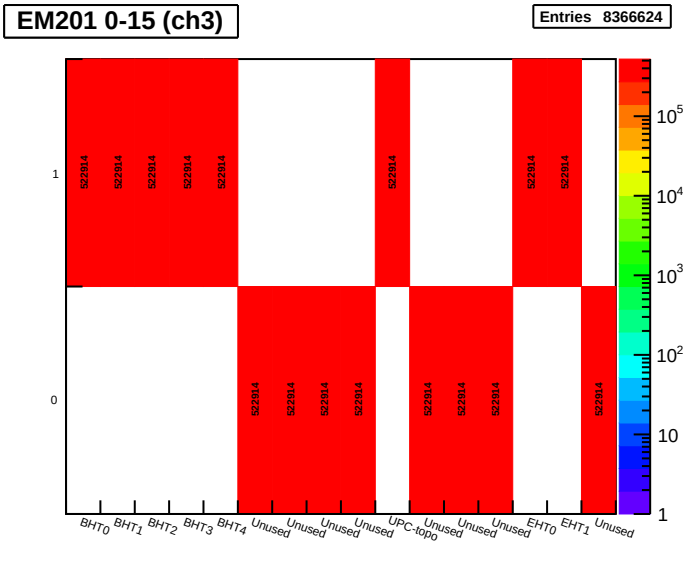

ST201 0-15 (ch6)
Entries 8366624
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
522912
522895
2
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

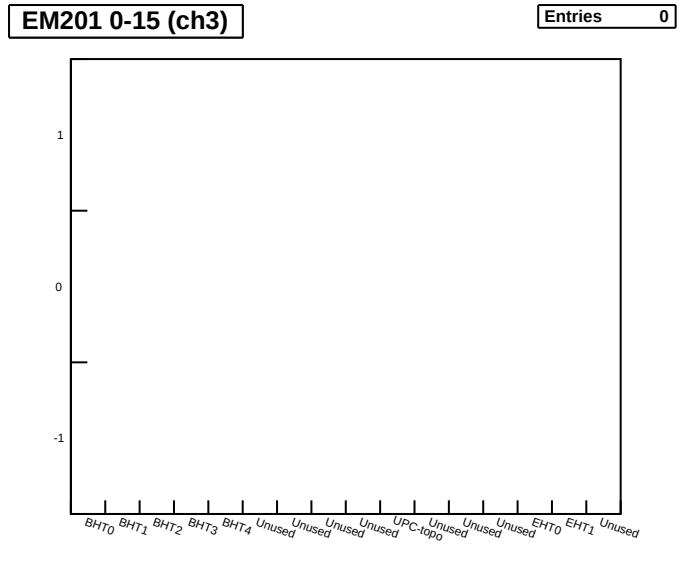

TF201 0-15 (ch0)
Entries 8366624
1
0
522914
517372
461821
446286
344396
430341
430392
426903
522914
522914
522914
522914
522914
5542
61093
76628
178518
522914
92573
92522
96011
522914
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 8366624
1
0
131625
330503
443221
378603
517664
515784
633
8036
8992
188
472573
510723
227734
273200
403240
391289
192411
79693
144311
5250
7130
522281
514878
513922
522726
522914
50341
12191
285180
249714
119674
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 8366624
1
0
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
522914
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