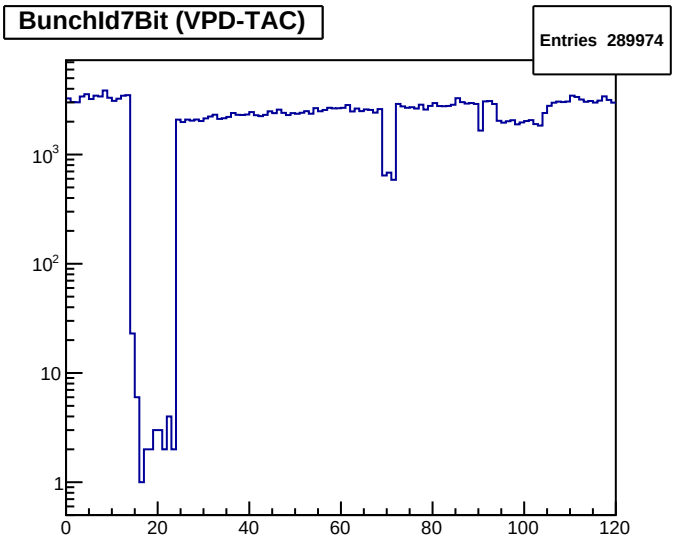
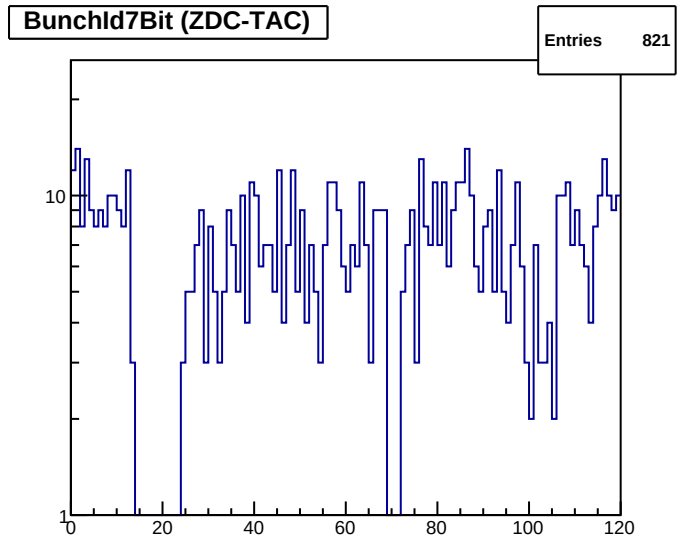
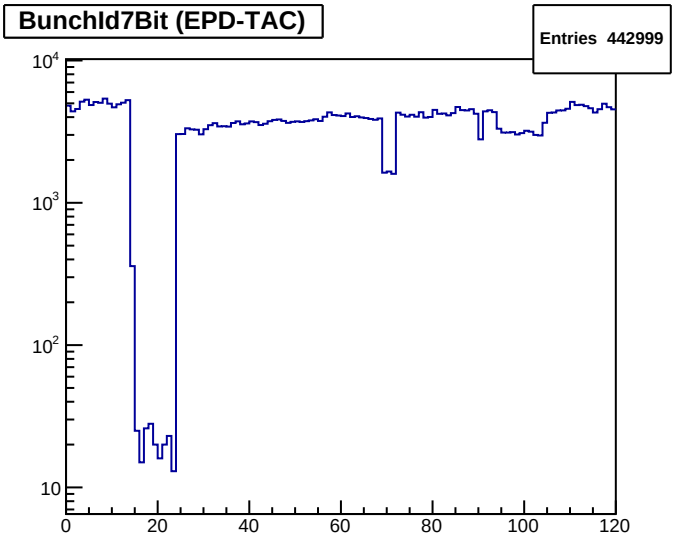
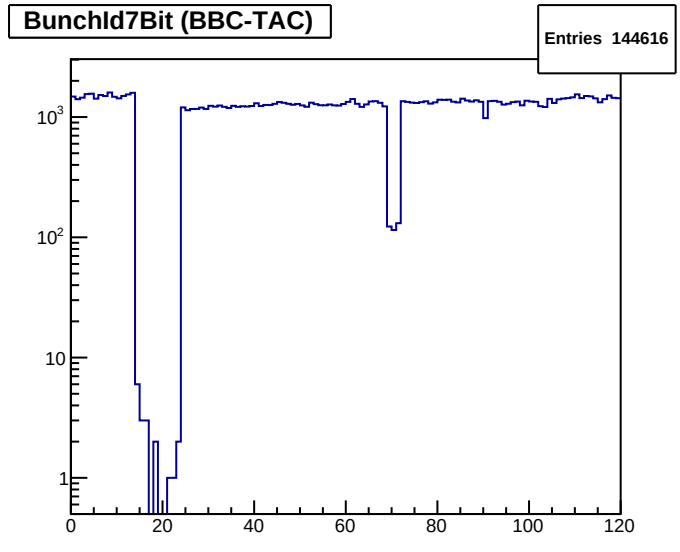
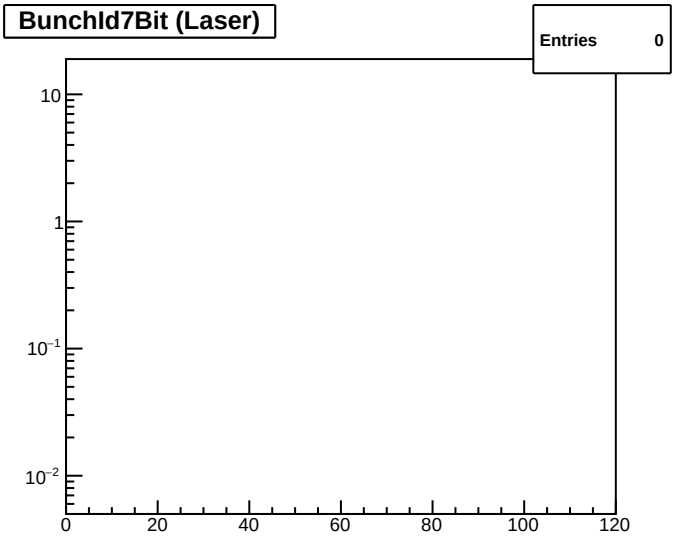
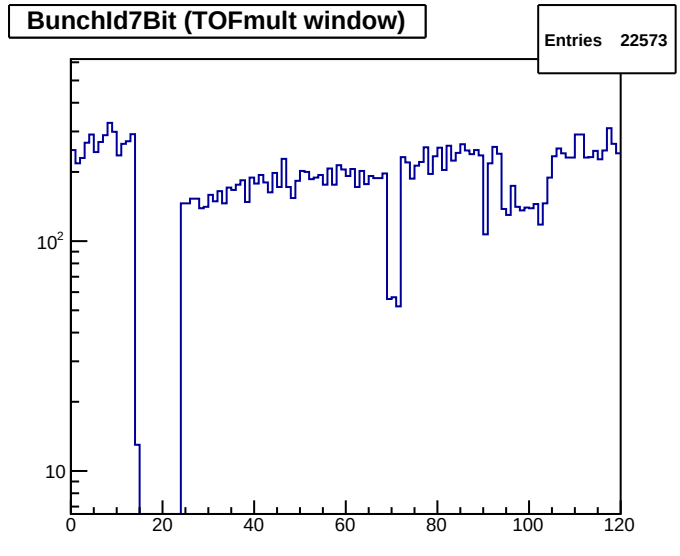

BunchId7Bit (VPD-TAC)
Entries 289974

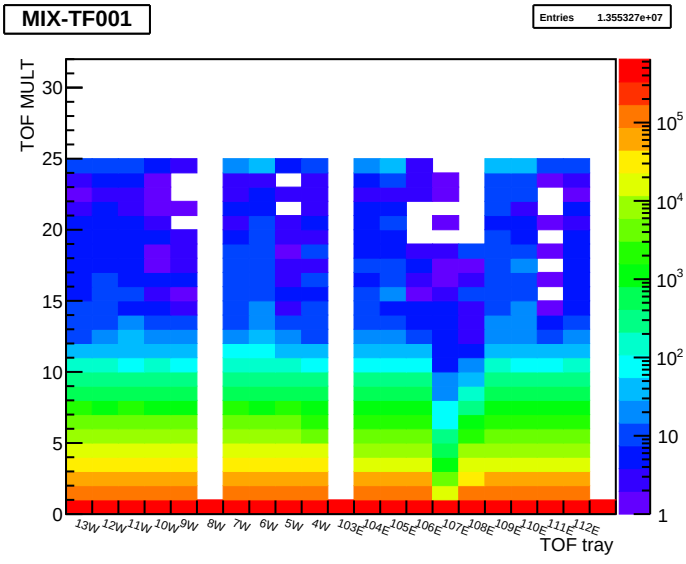

BunchId7Bit (ZDC-TAC)
Entries 821

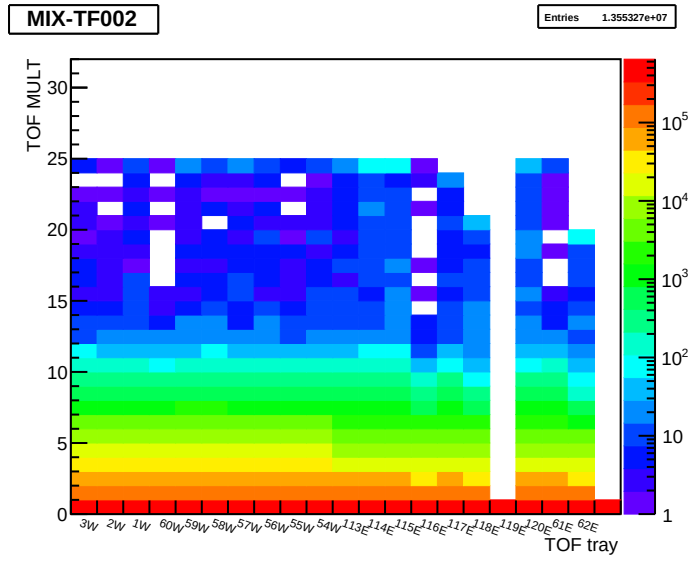

BunchId7Bit (EPD-TAC)
Entries 442999

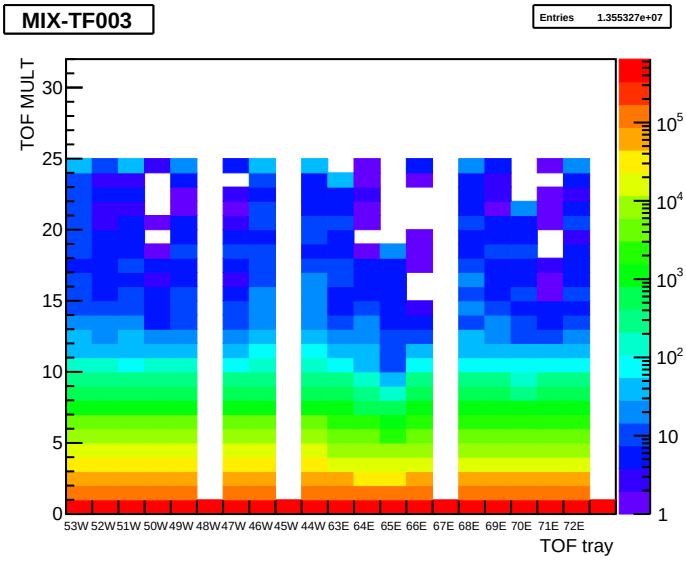

BunchId7Bit (BBC-TAC)
Entries 144616

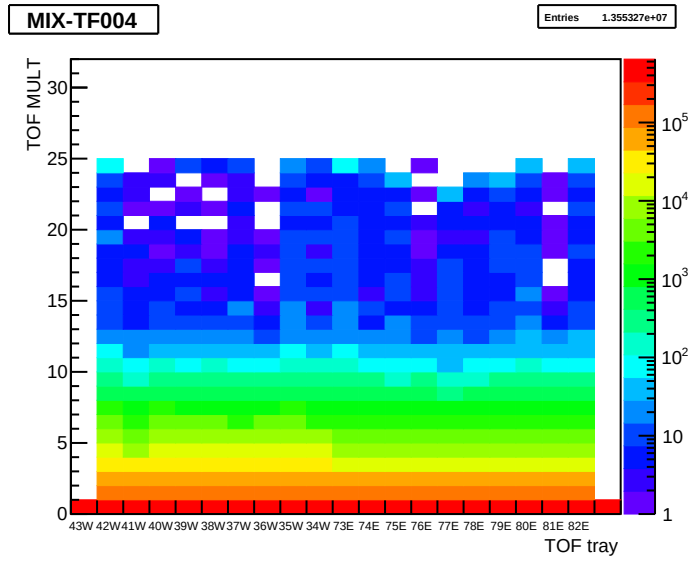

BunchId7Bit (Laser)
Entries 0

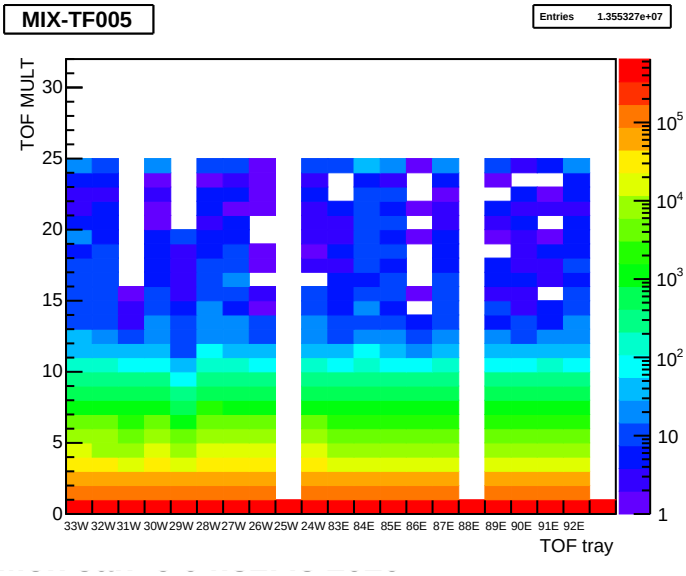

BunchId7Bit (TOFmult window)
Entries 22573

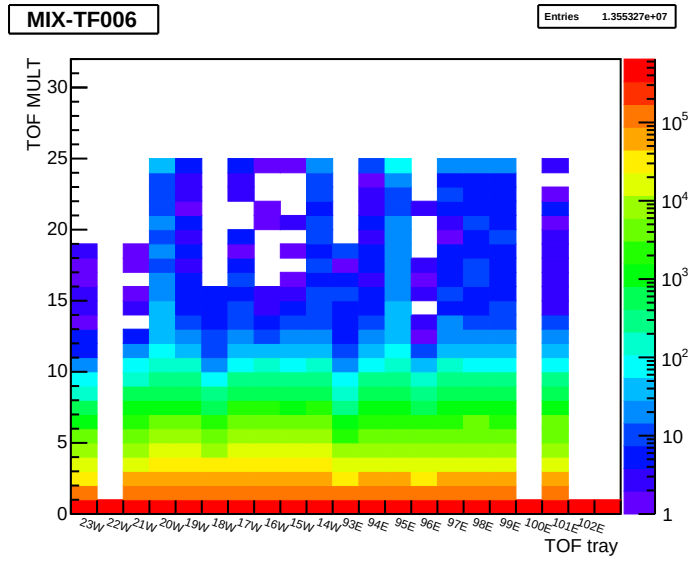

MIX-TF001
Entries 1.355327e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

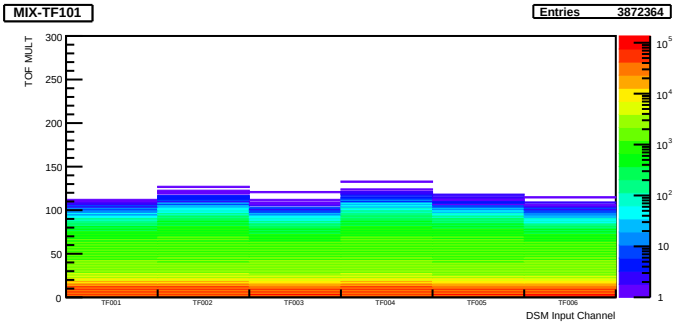

MIX-TF002
Entries 1.355327e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

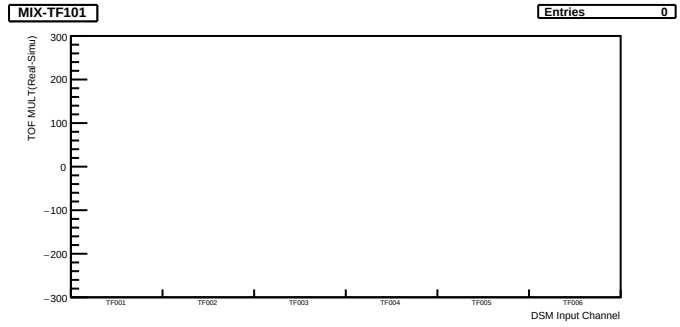

MIX-TF003
Entries 1.355327e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

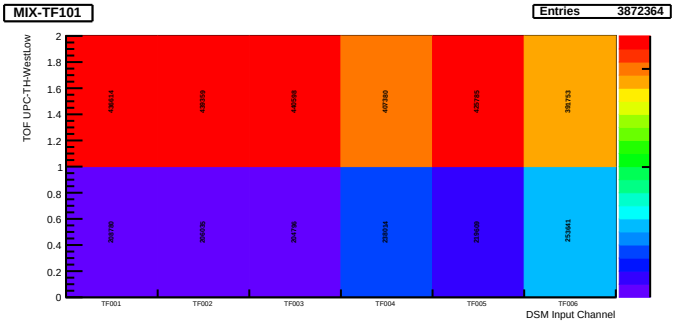

MIX-TF004
Entries 1.355327e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

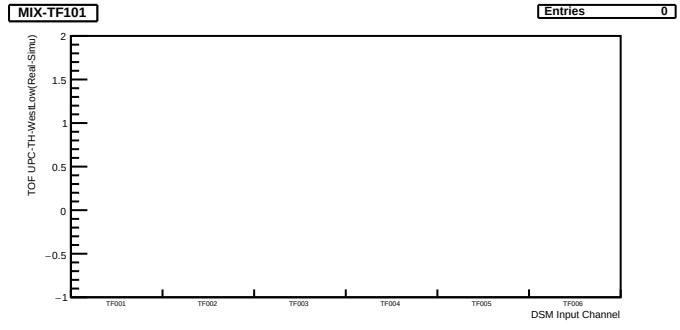

MIX-TF005
Entries 1.355327e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

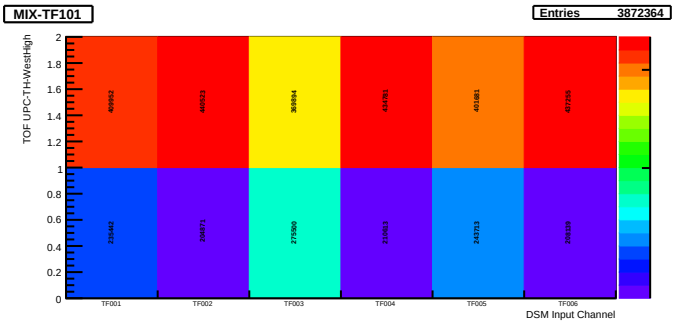

MIX-TF006
Entries 1.355327e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

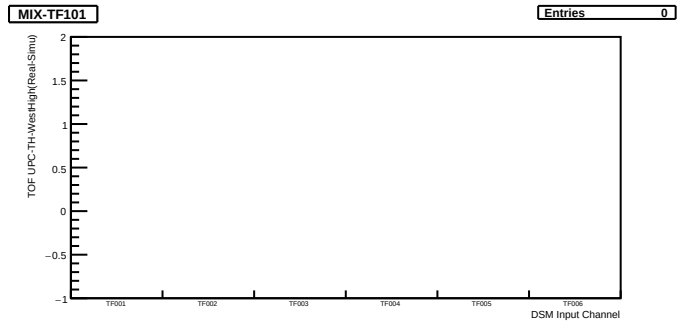

MIX-TF101
Entries 3872364
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

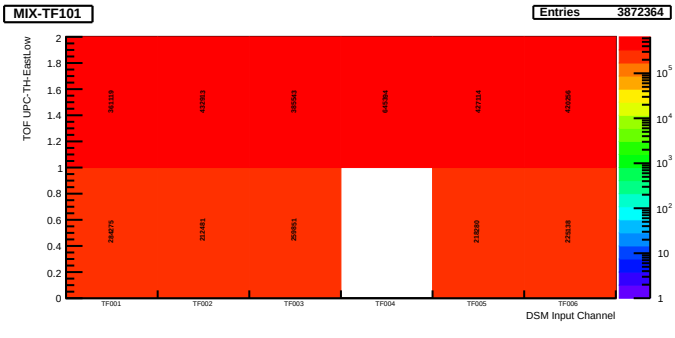

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

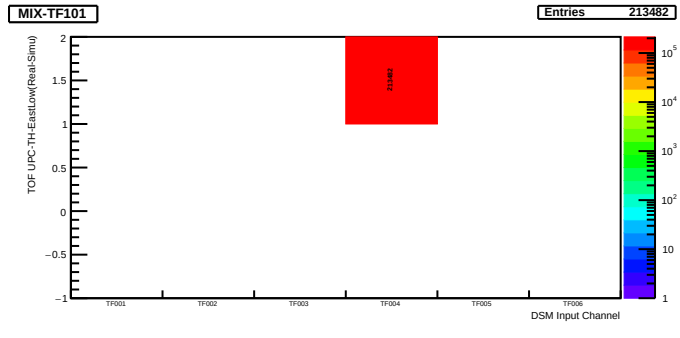

MIX-TF101
Entries 3872364
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

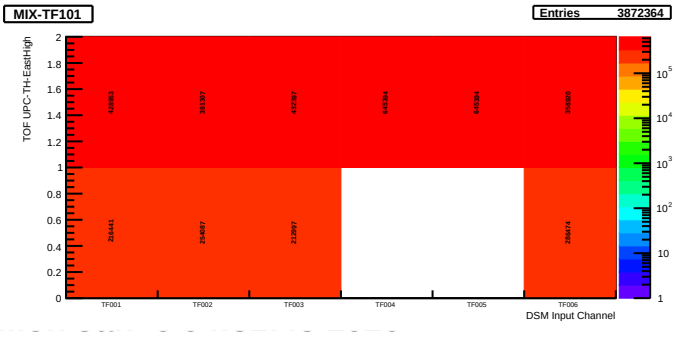

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

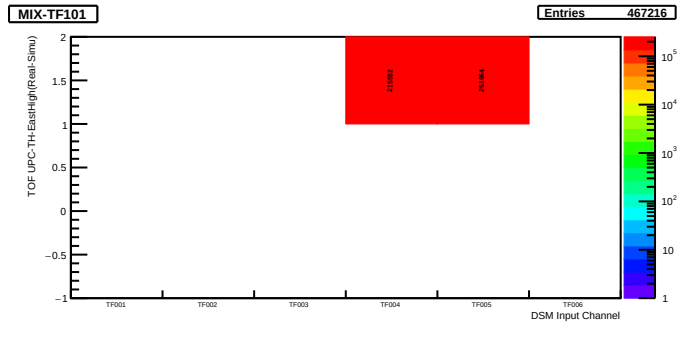

MIX-TF101
Entries 3872364
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

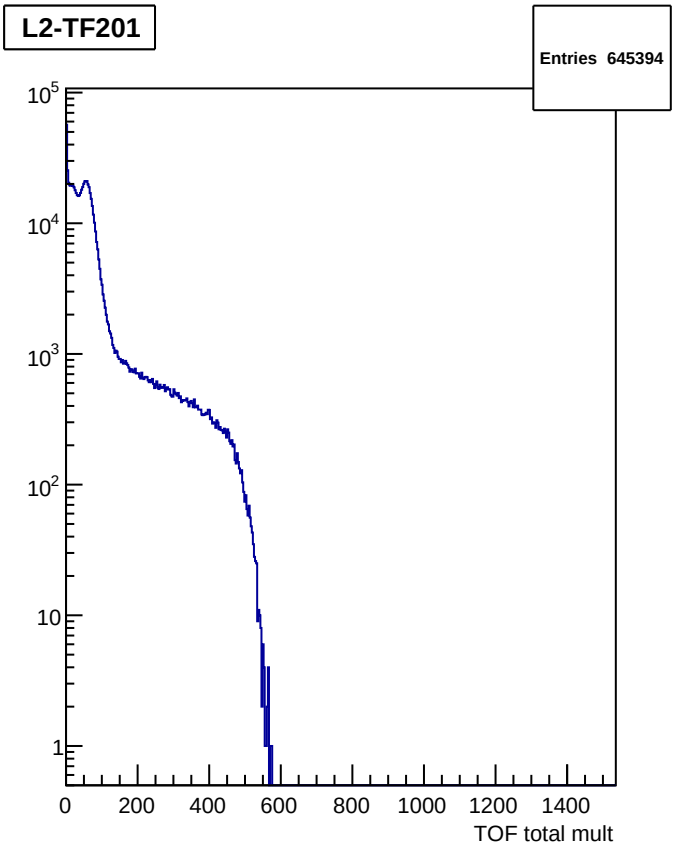

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

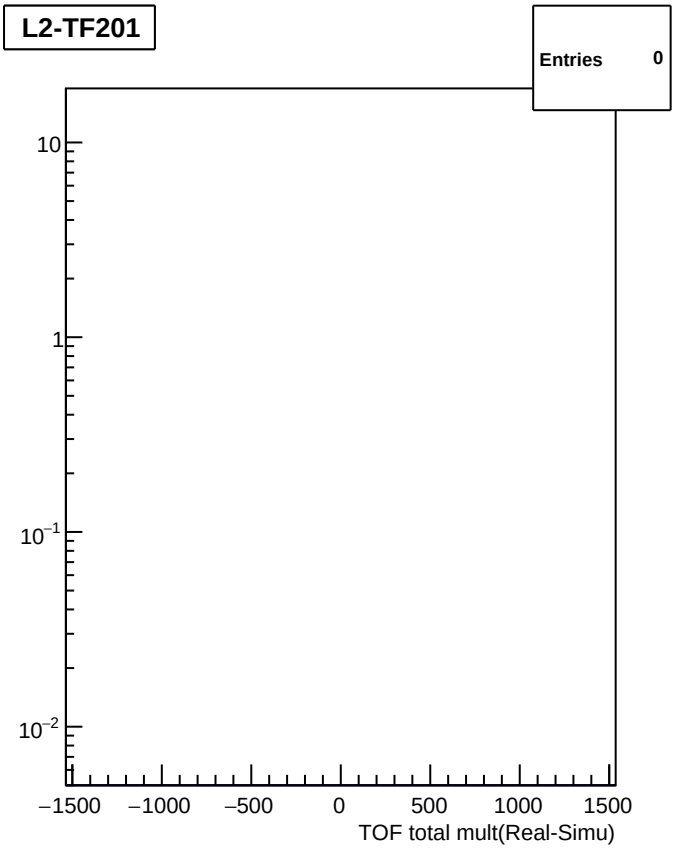

MIX-TF101
Entries 3872364
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

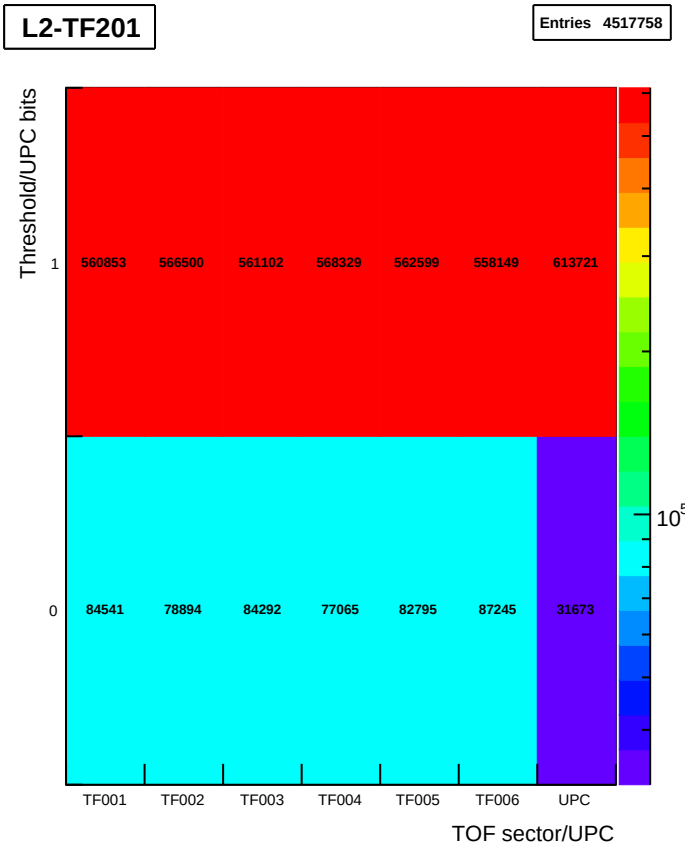

MIX-TF101
Entries 213482
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

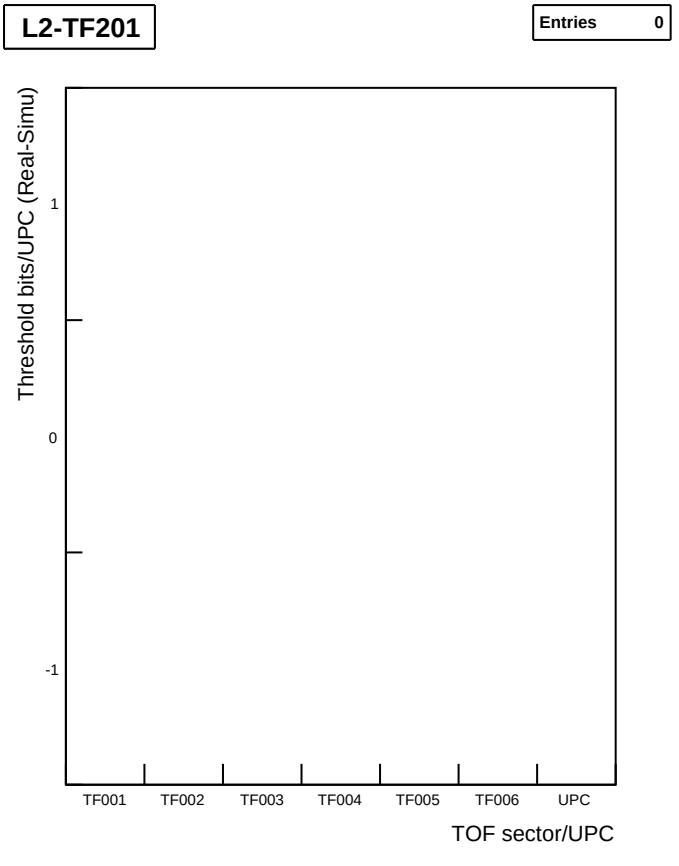

MIX-TF101
Entries 3872364
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

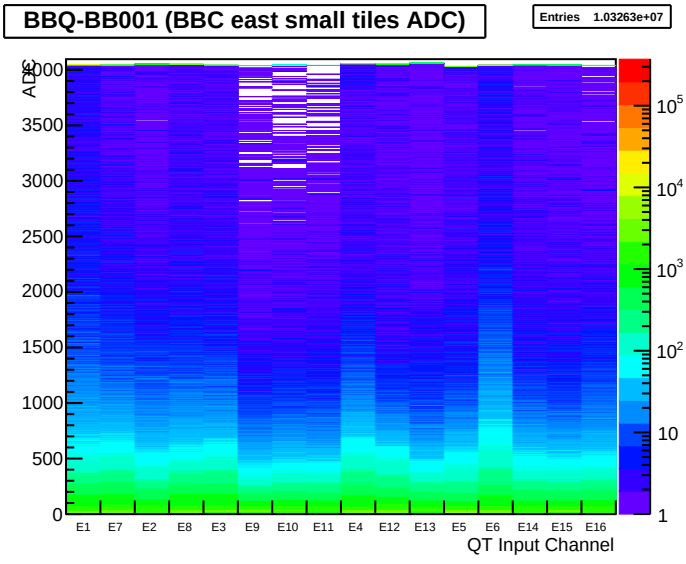

MIX-TF101
Entries 467216
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

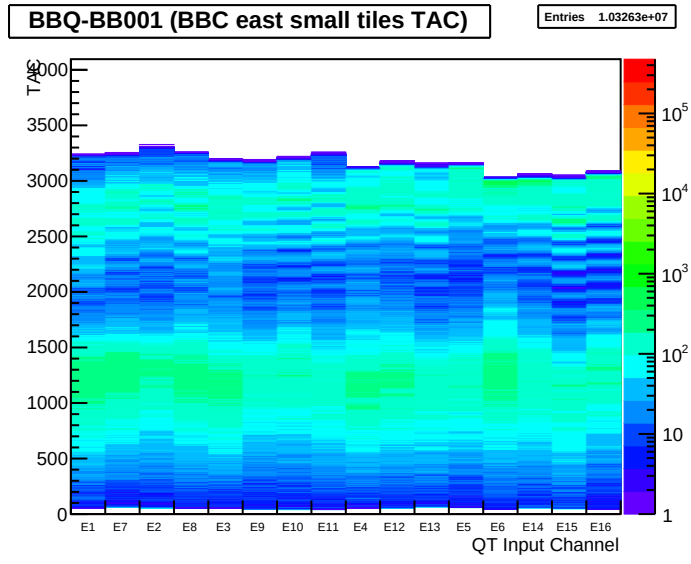

L2-TF201
Entries 645394
TOF total mult

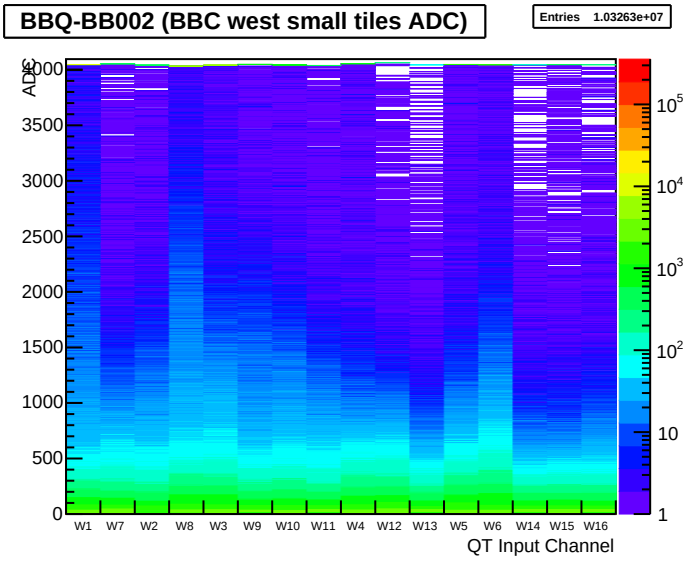

L2-TF201
Entries 0
TOF total mult(Real-Simu)

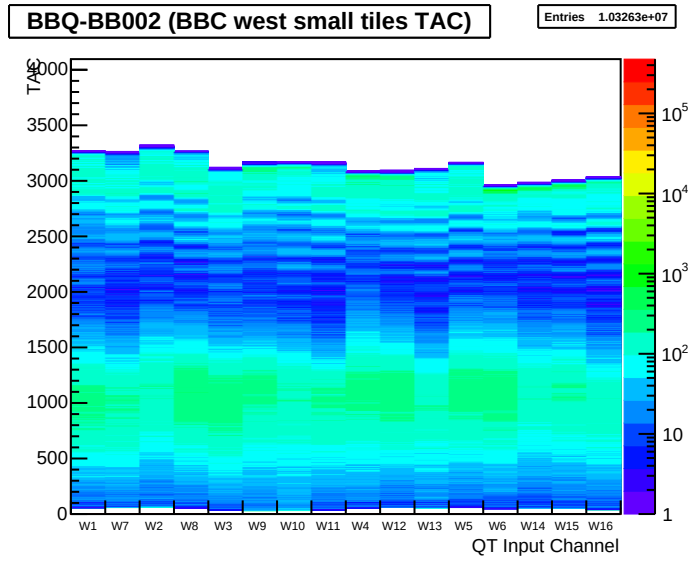

L2-TF201
Entries 4517758
Threshold/UPC bits
560853 566500 561102 568329 562599 558149 613721
84541 78894 84292 77065 82795 87245 31673
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

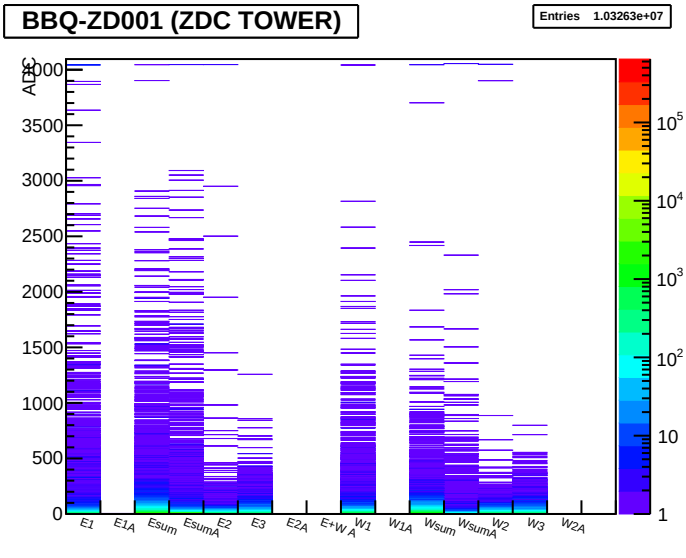

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

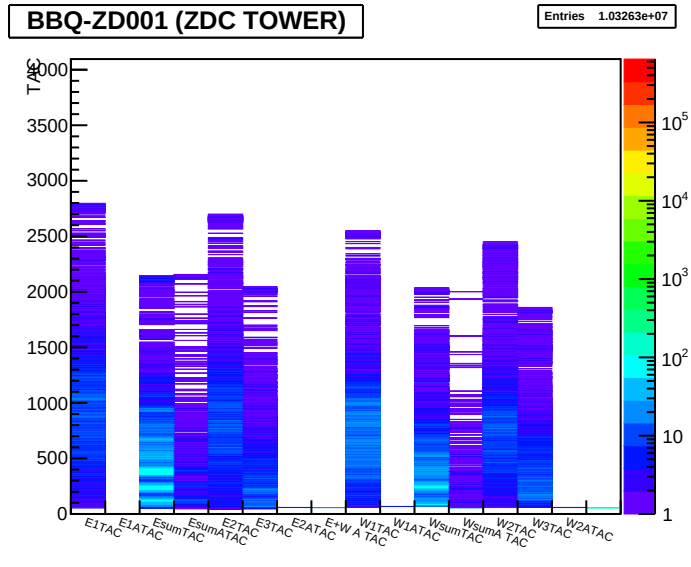

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.03263e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

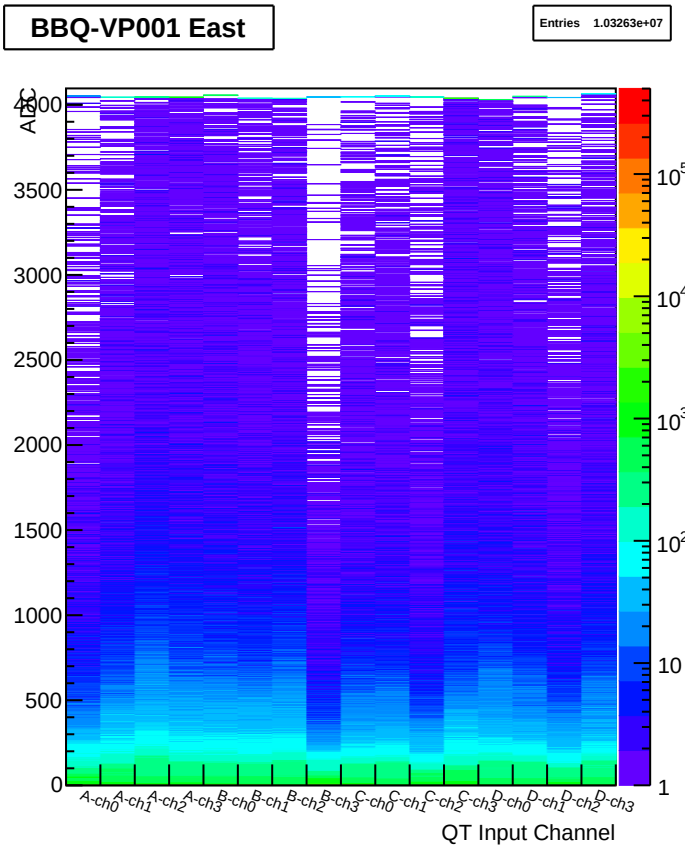

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.03263e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

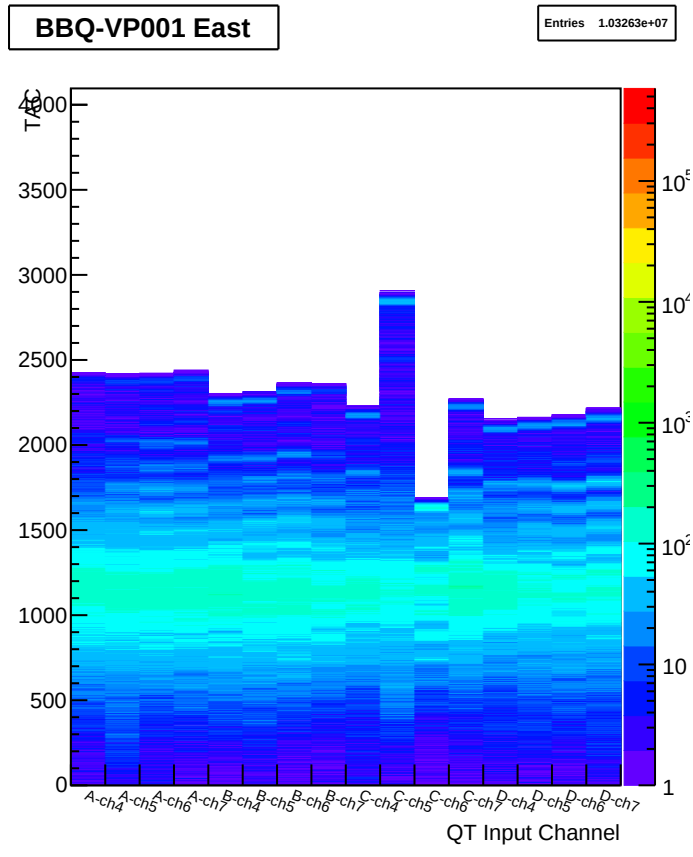

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.03263e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

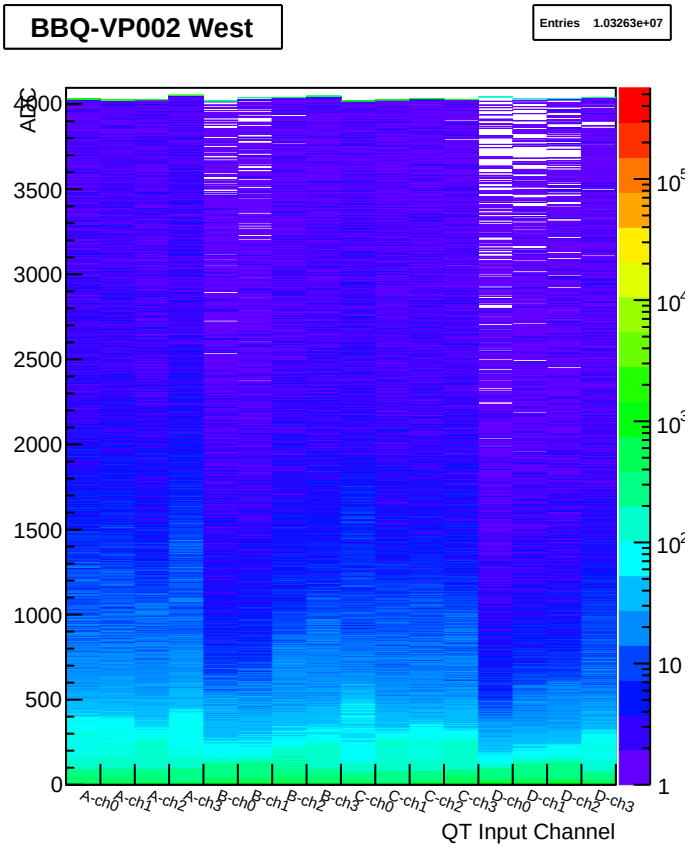

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.03263e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

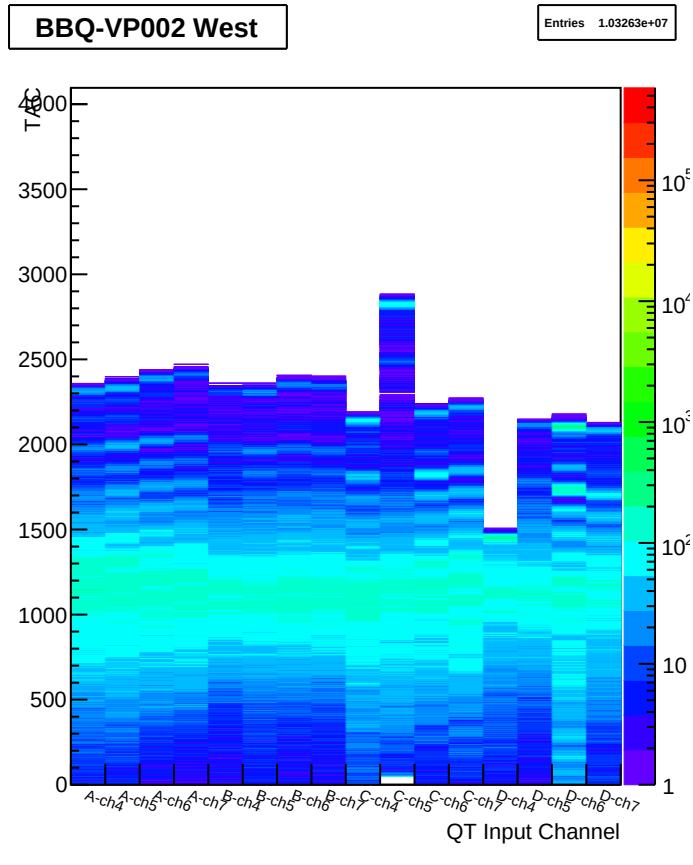

BBQ-ZD001 (ZDC TOWER)
Entries 1.03263e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

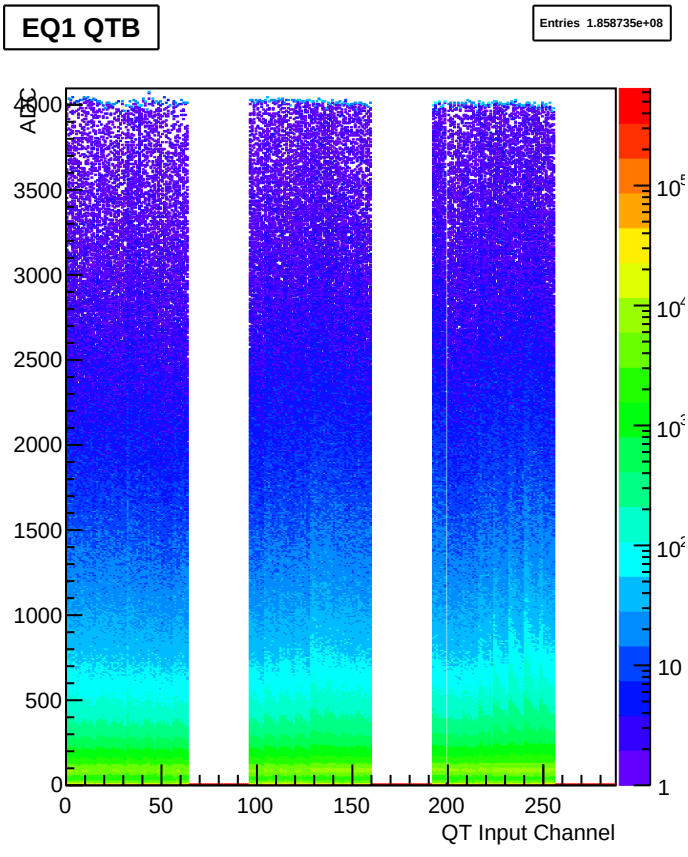

BBQ-ZD001 (ZDC TOWER)
Entries 1.03263e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

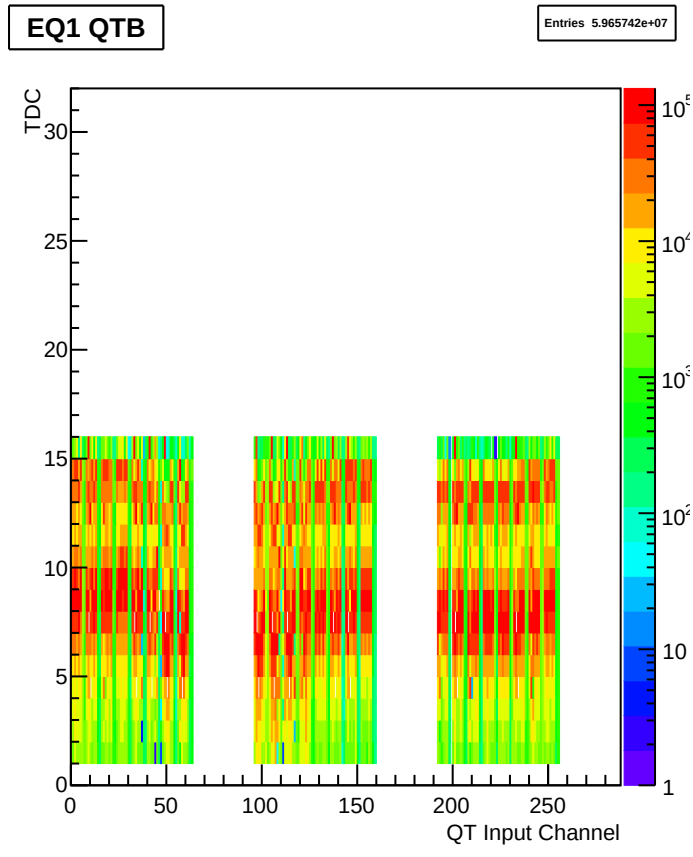

BBQ-VP001 East
Entries 1.03263e+07
ADC
QT Input Channel

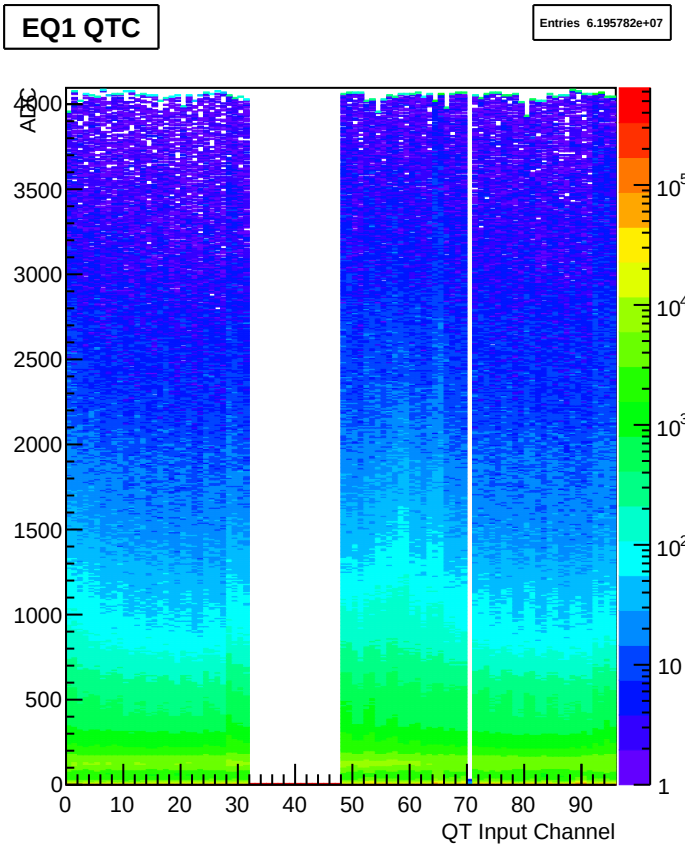

BBQ-VP001 East
Entries 1.03263e+07
TADC
QT Input Channel

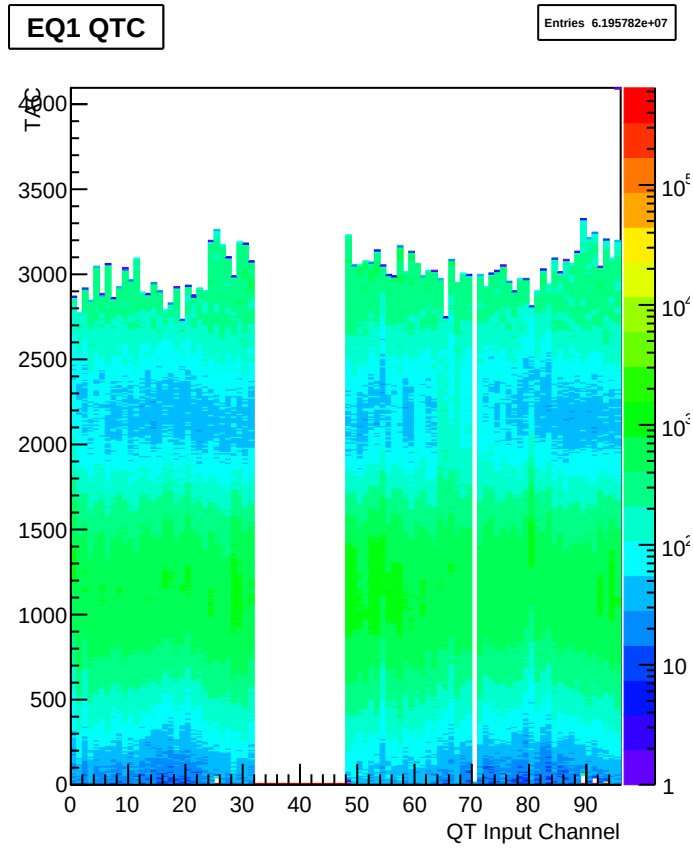

BBQ-VP002 West
Entries 1.03263e+07
ADC
QT Input Channel

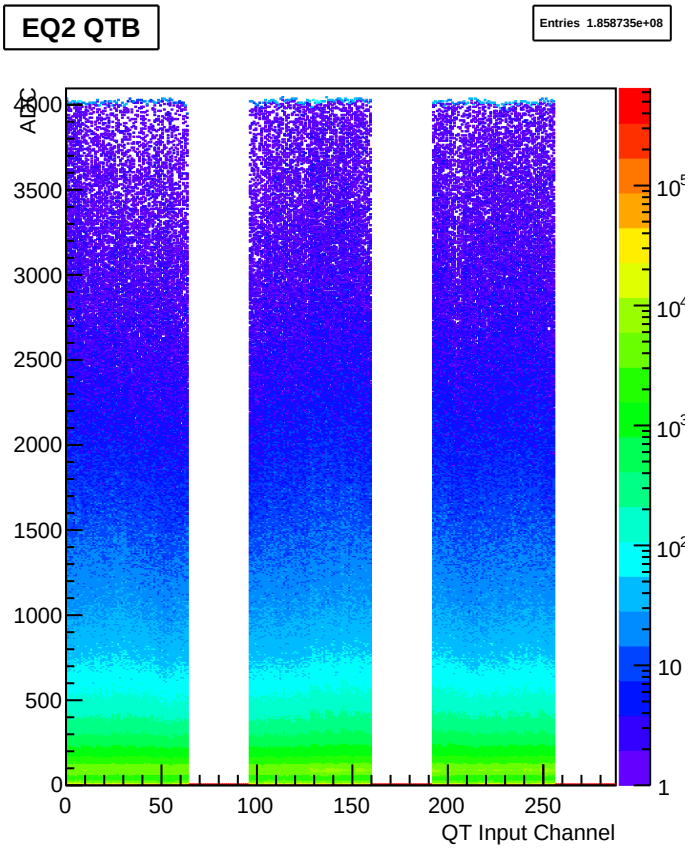

BBQ-VP002 West
Entries 1.03263e+07
TADC
QT Input Channel

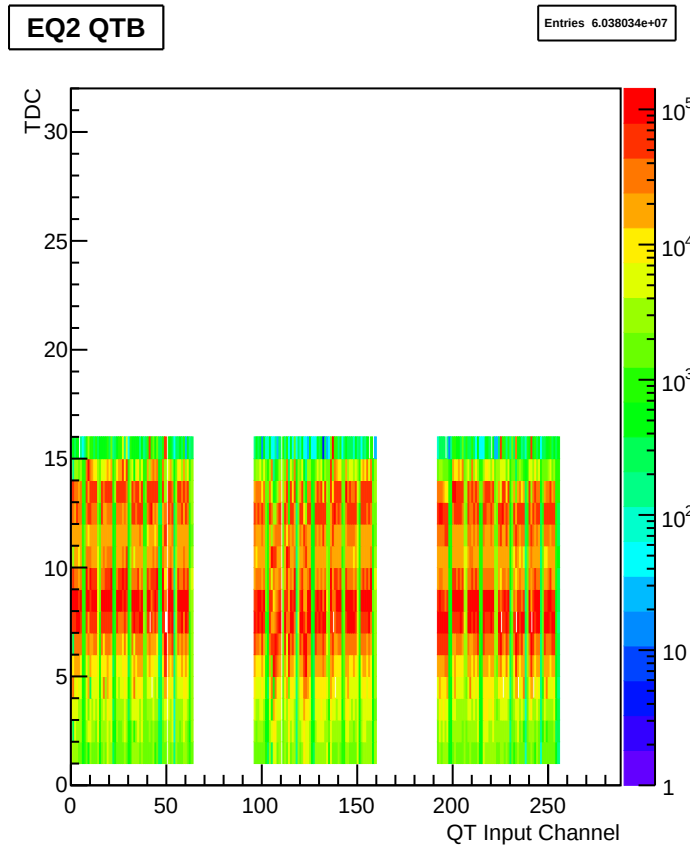

EQ1 QTB
Entries 1.858735e+08
ADC
QT Input Channel

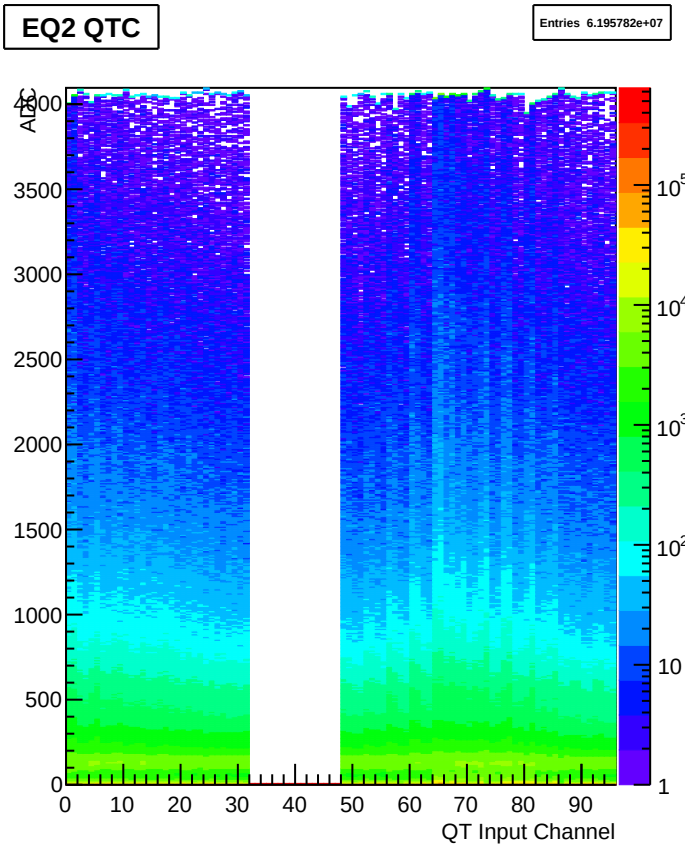

EQ1 QTB
Entries 5.965742e+07
TDC
QT Input Channel

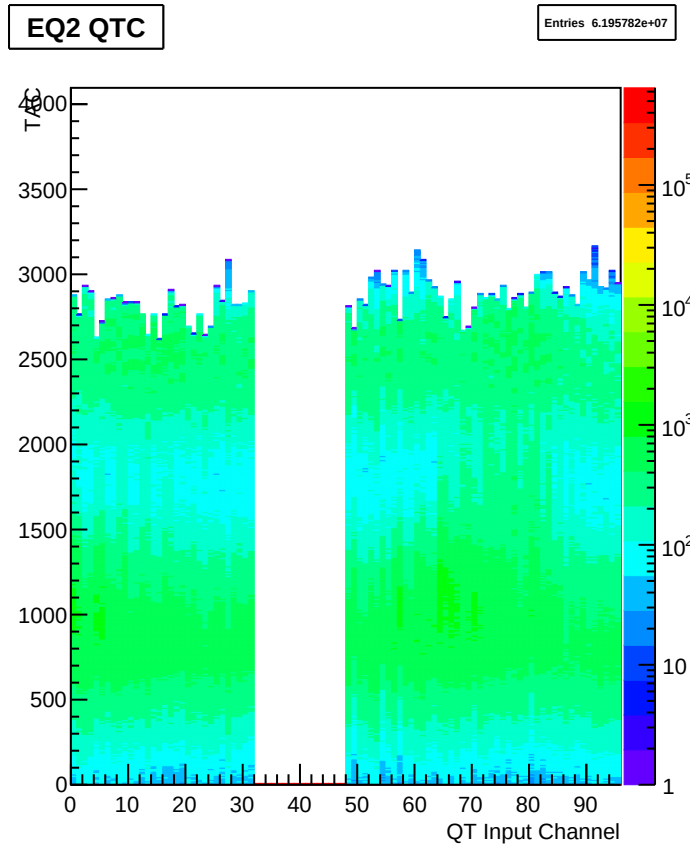

EQ1 QTC
Entries 6.195782e+07
ADC
QT Input Channel

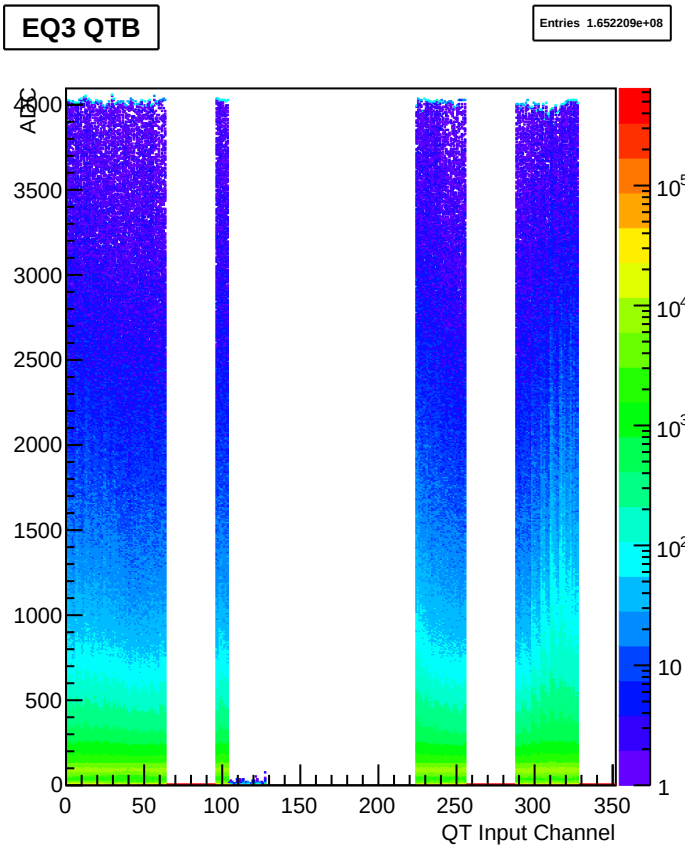

EQ1 QTC
Entries 6.195782e+07
TADC
QT Input Channel

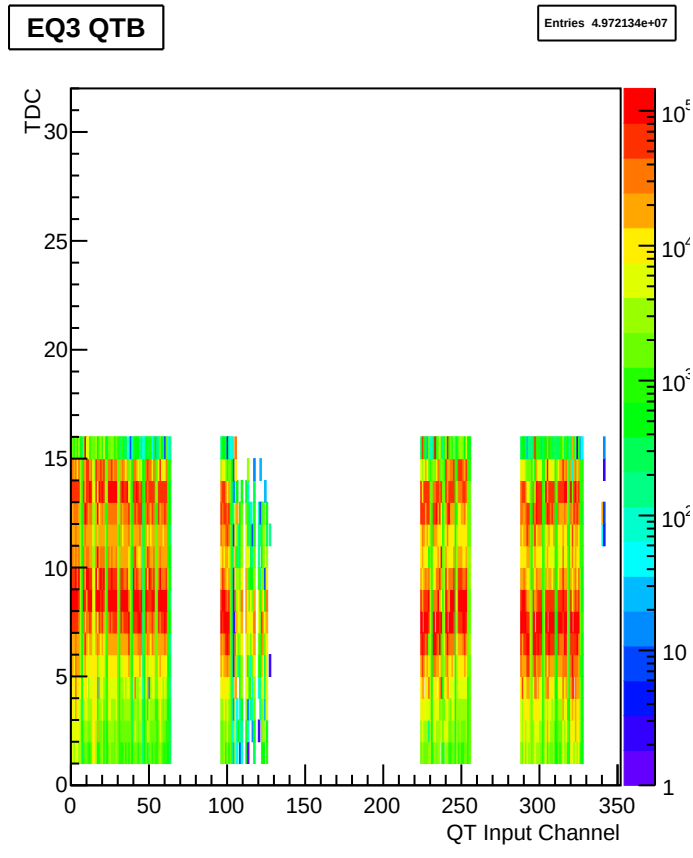

EQ2 QTB
Entries 1.858735e+08
ADC
QT Input Channel

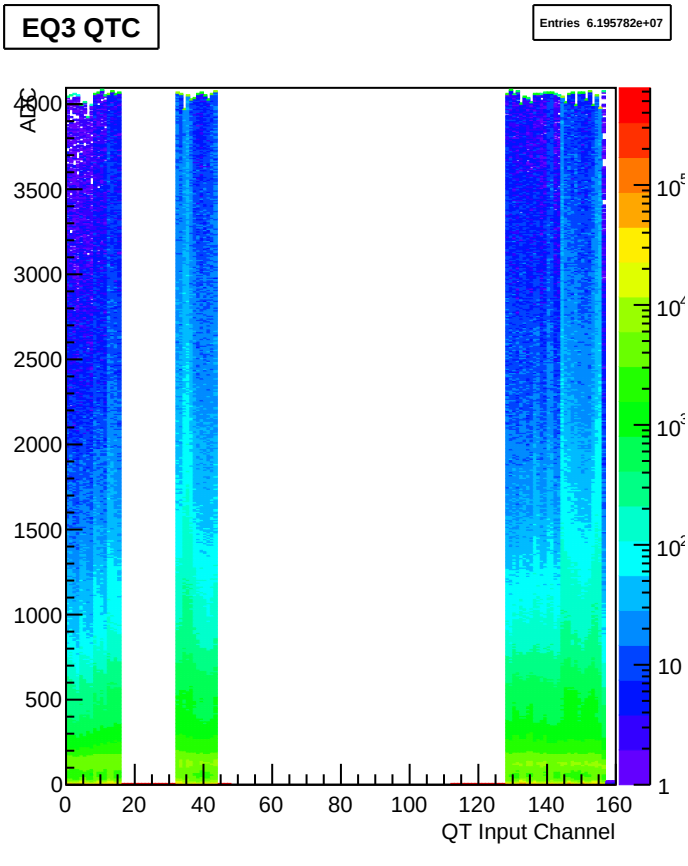

EQ2 QTB
Entries 6.038034e+07
TDC
QT Input Channel

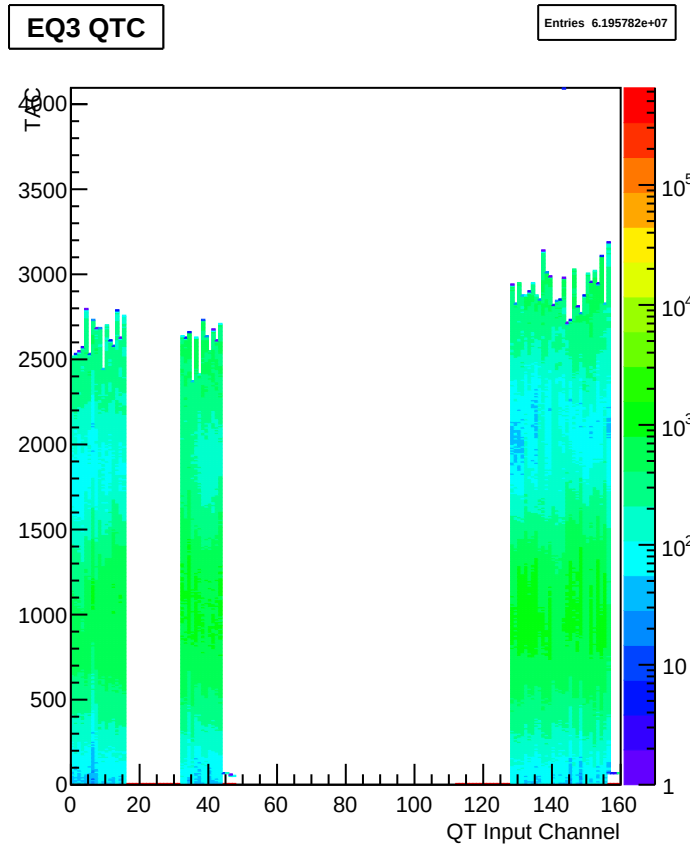

EQ2 QTC
Entries 6.195782e+07
ADC
QT Input Channel

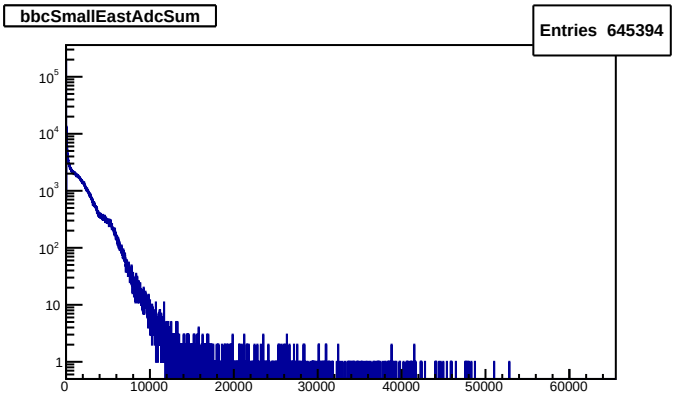

EQ2 QTC
Entries 6.195782e+07
TADC
QT Input Channel

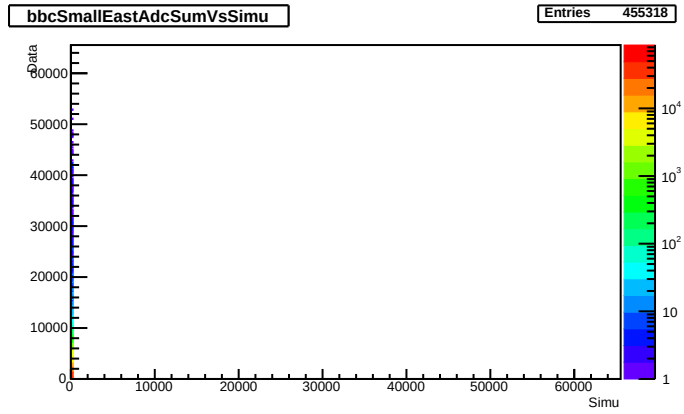

EQ3 QTB
Entries 1.652209e+08
ADC
QT Input Channel

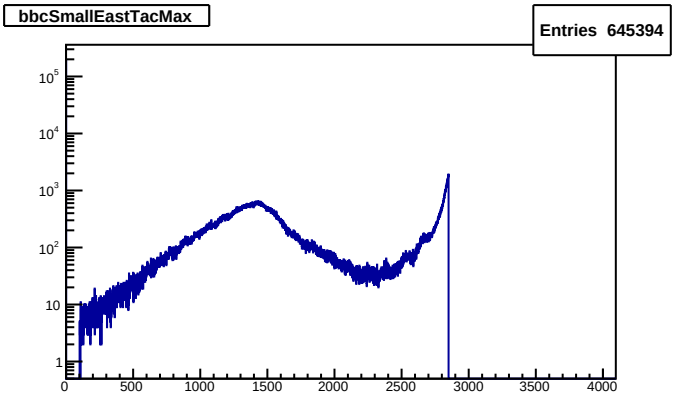

EQ3 QTB
Entries 4.972134e+07
TDC
QT Input Channel

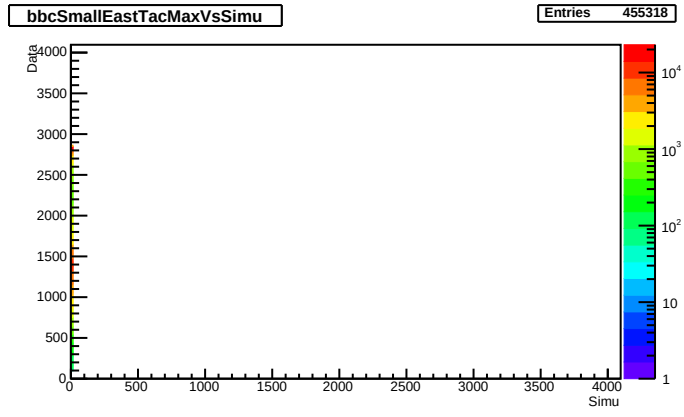

EQ3 QTC
Entries 6.195782e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.195782e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 645394


bbcSmallEastAdcSumVsSimu
Entries 455318
Data
Simu


bbcSmallEastTacMax
Entries 645394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Entries 455318
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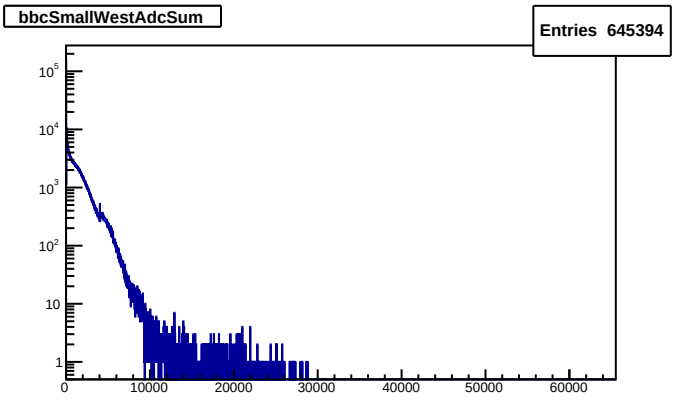
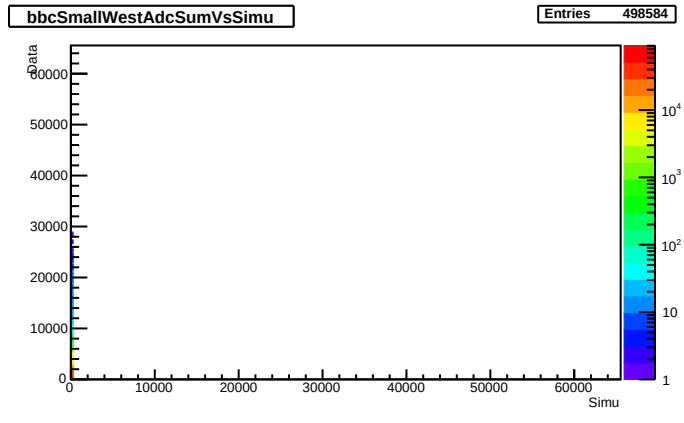

bbcSmallWestAdcSum
Entries 645394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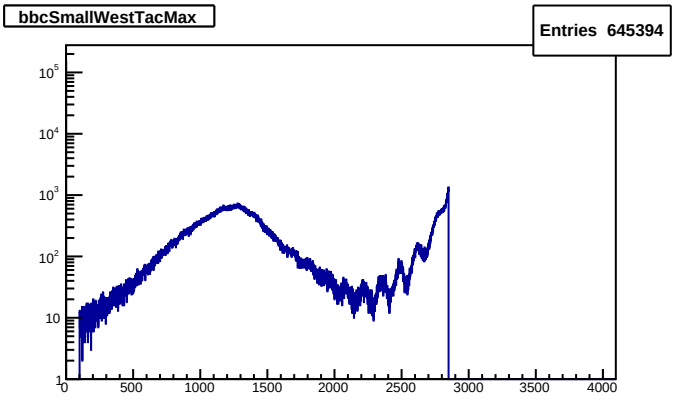
Entries 498584
Data
Simu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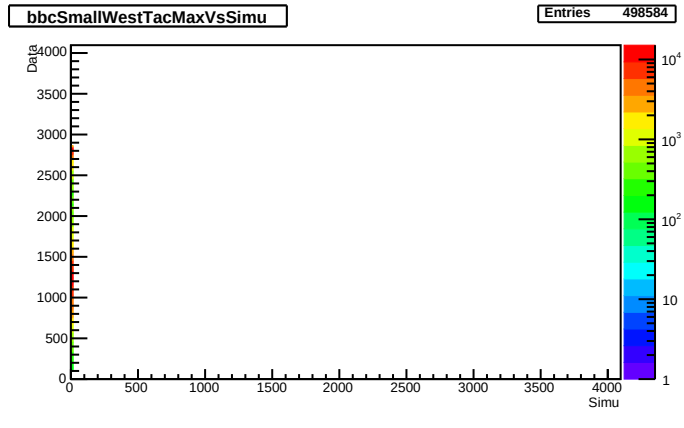
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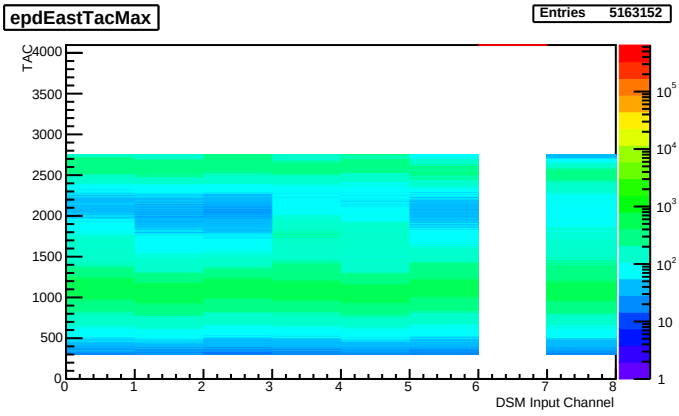
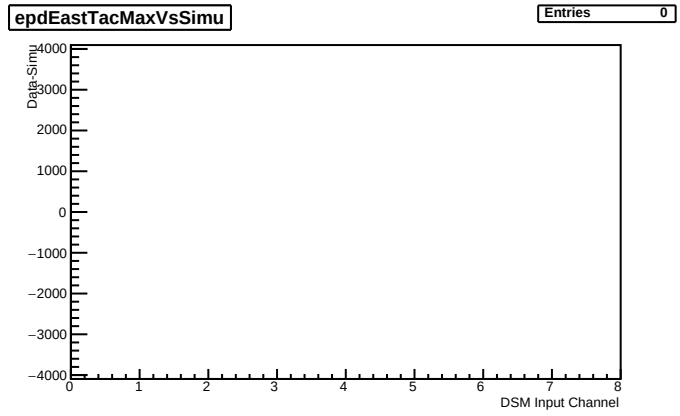
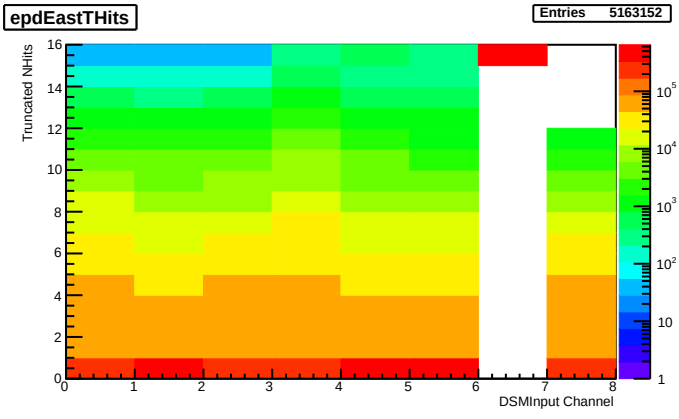
Entries 498584
Data
Simu


epdEastTacMax
Entries 5163152
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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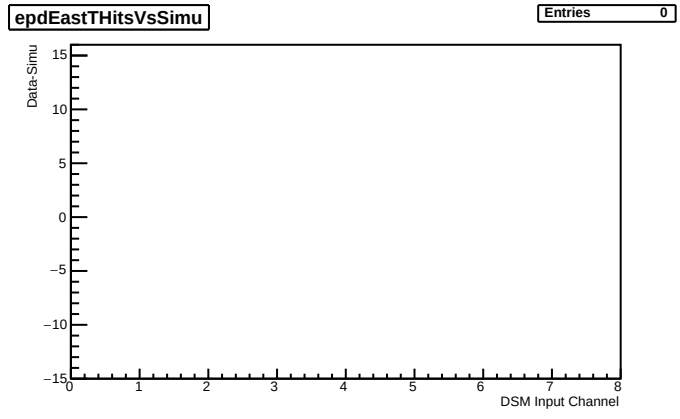
Entries 5163152
Truncated NHits
DSMInput Channel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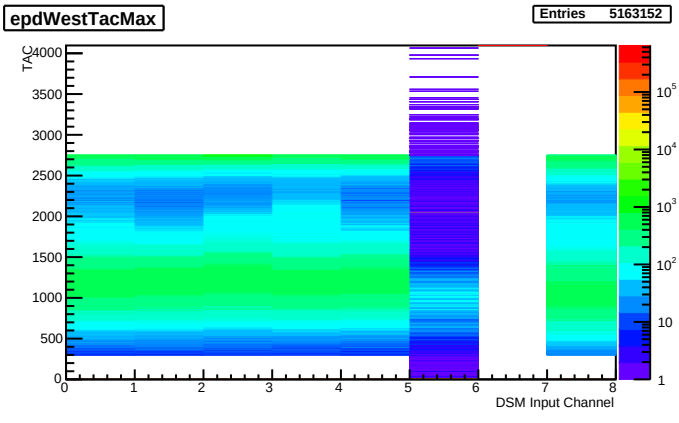
DSM Input Channel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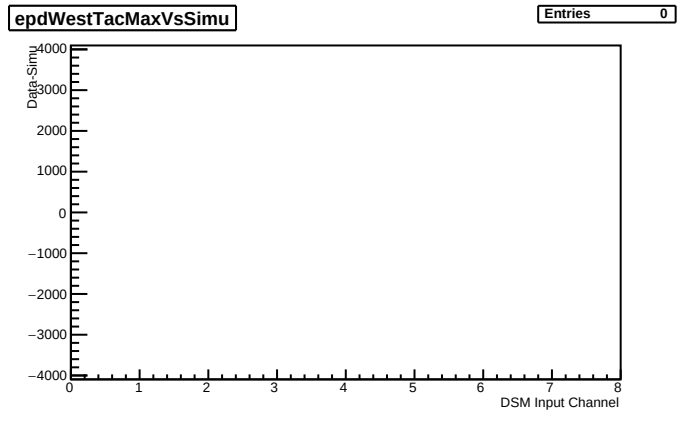
DSM Input Channel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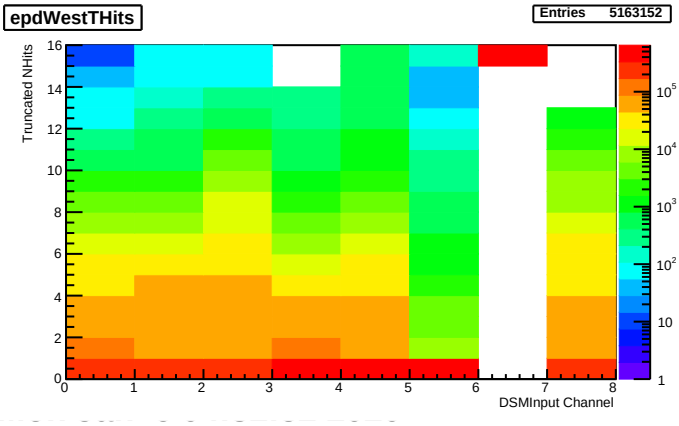
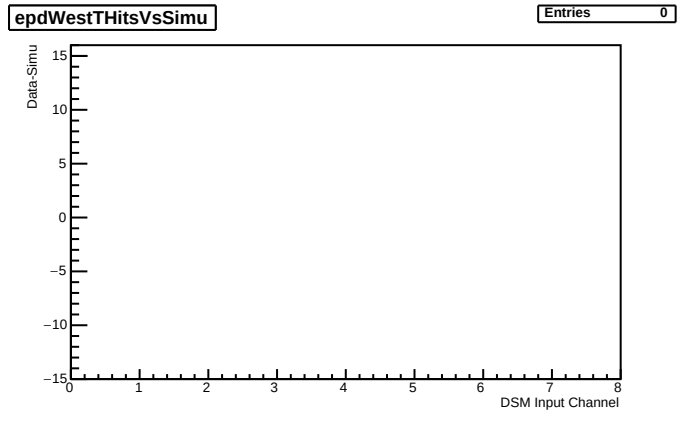
DSM Input Channel


epdWestTHits
Entries 5163152
Truncated NHits
DSMInput Channel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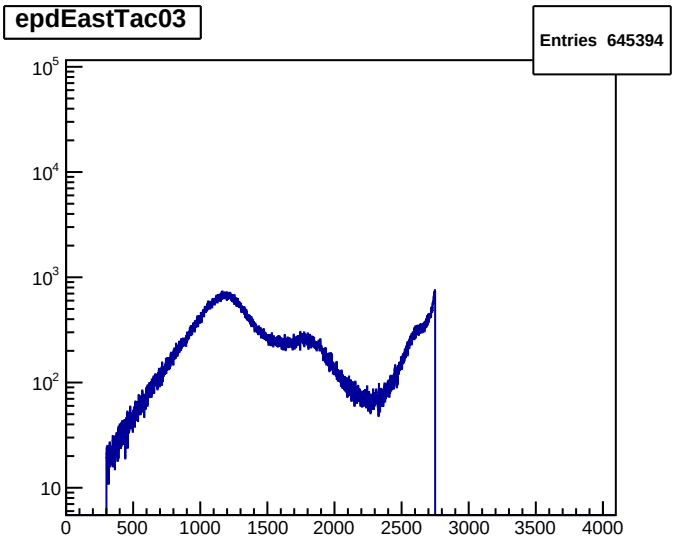
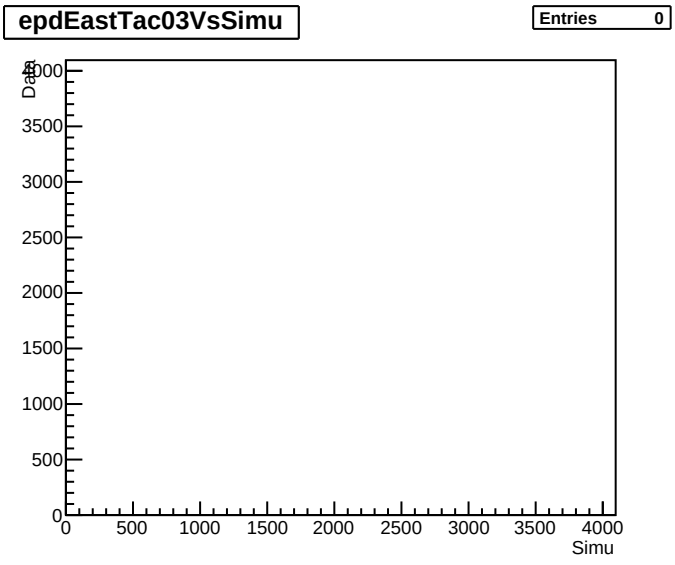
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 645394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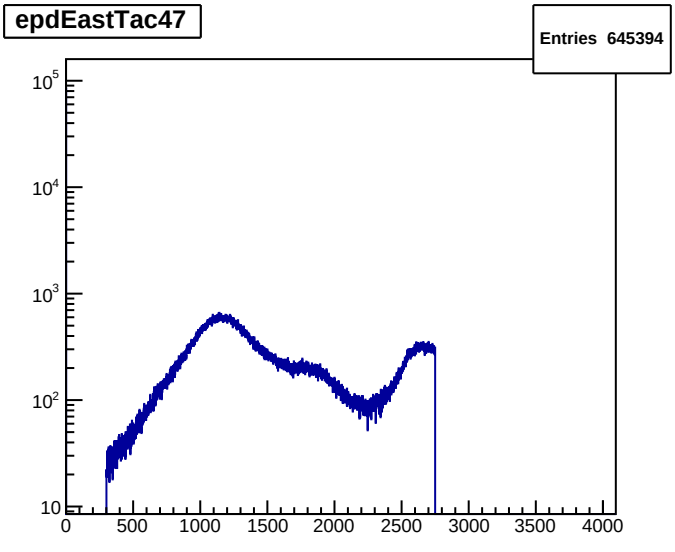
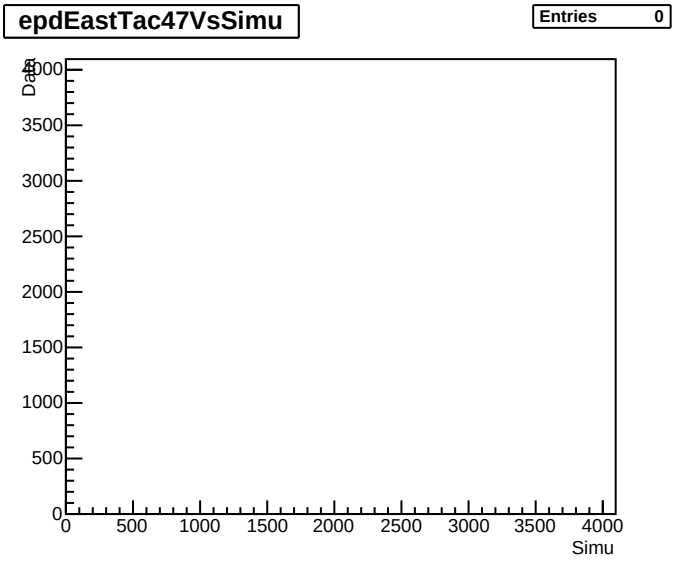
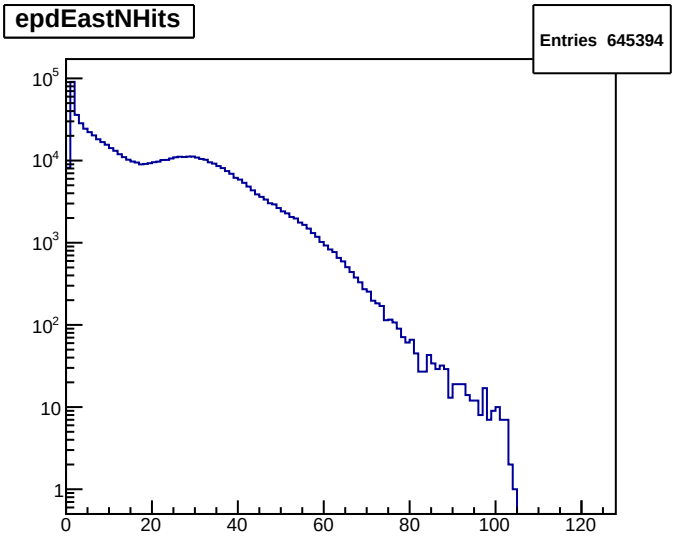
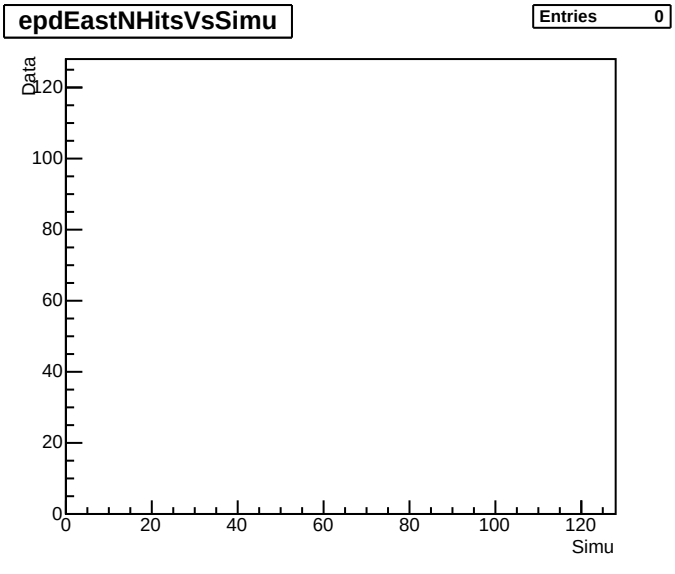
Entries 0
Data
Simu


epdEastTac47
Entries 645394


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 645394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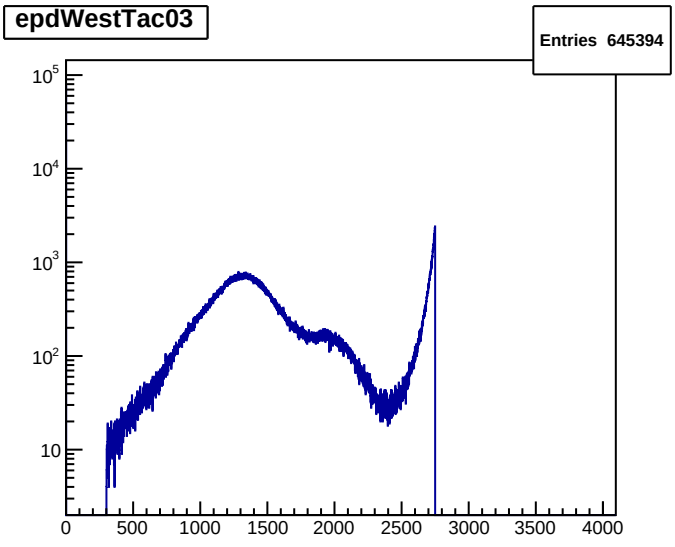
Entries 0
Data
Simu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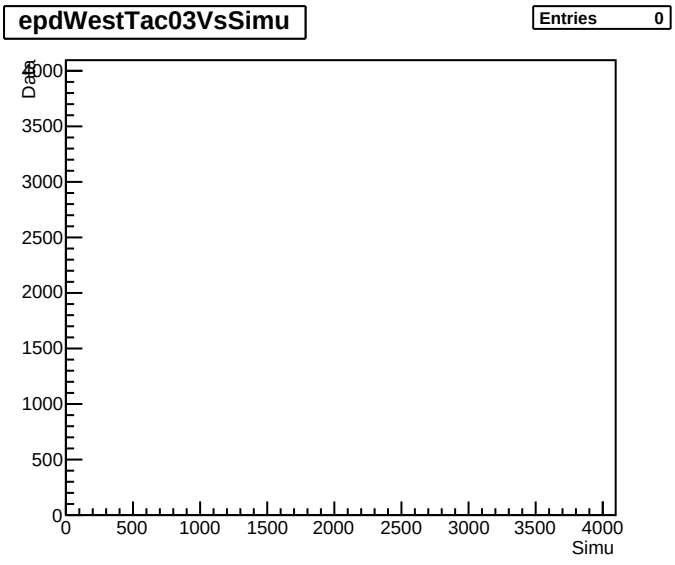
Entries 645394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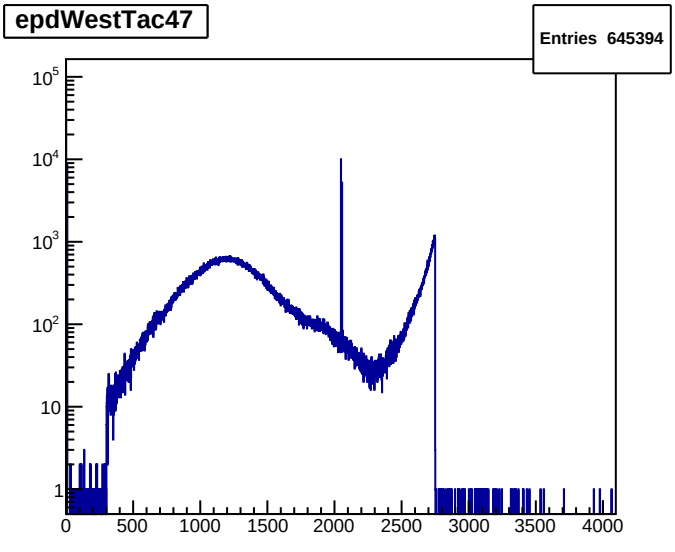
Data
Simu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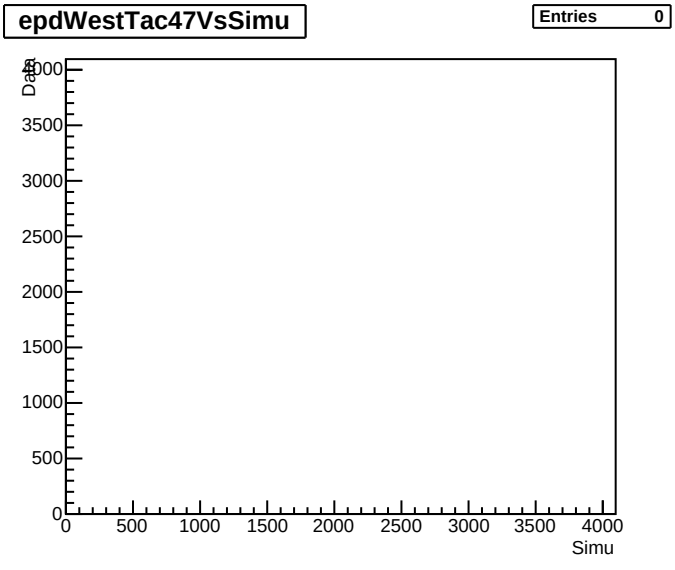
Entries 645394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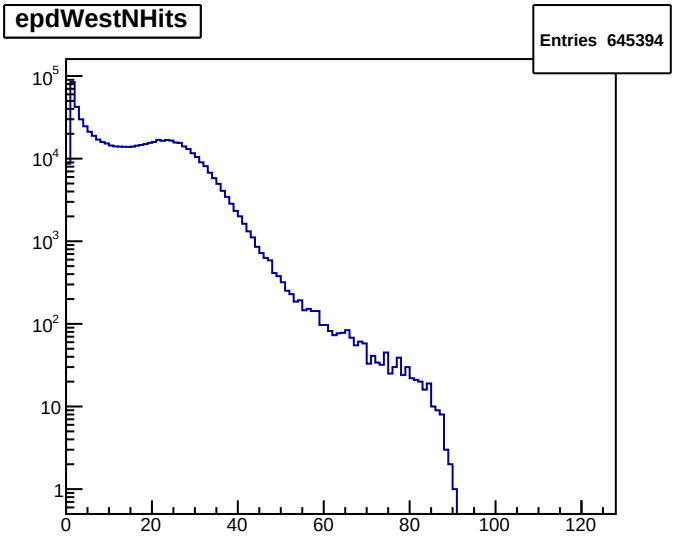
Entries 0
Data
Simu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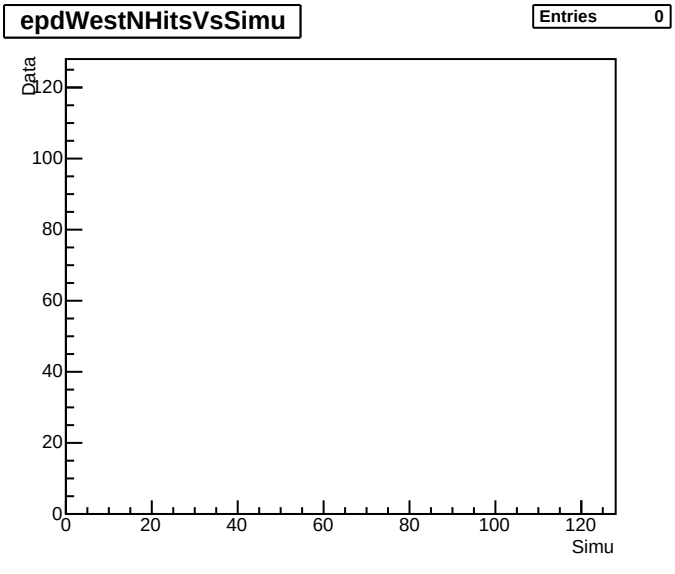
Entries 645394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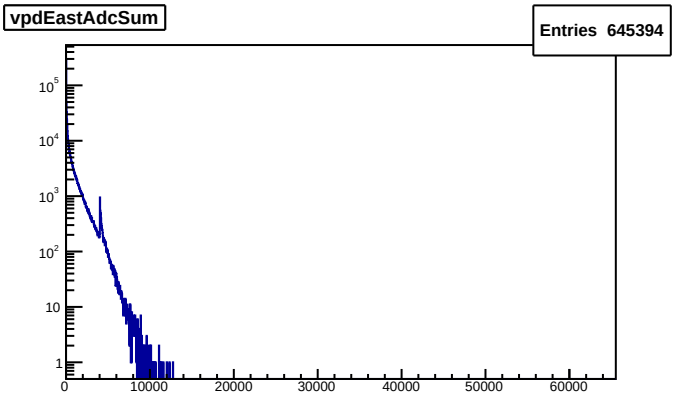
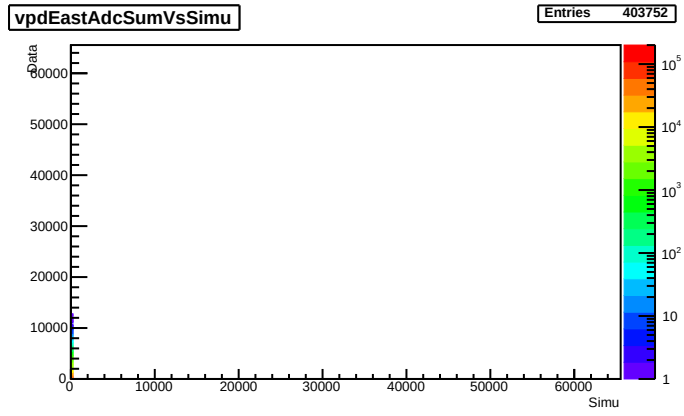
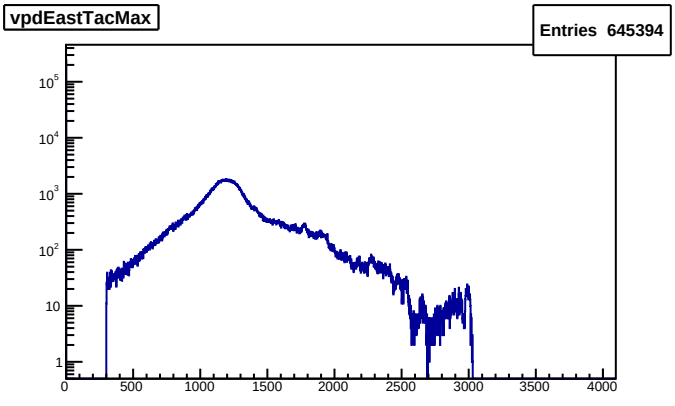
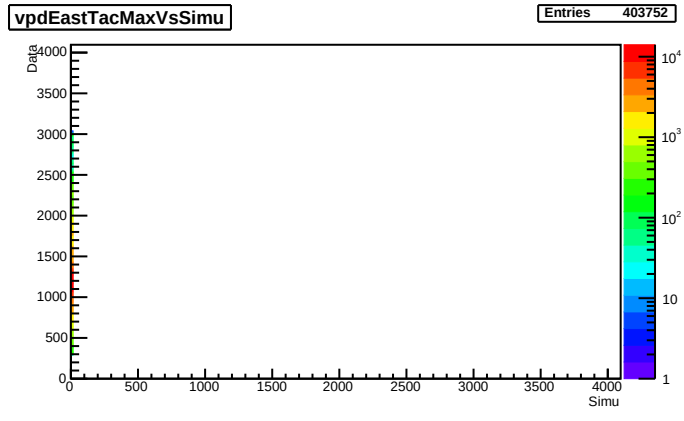
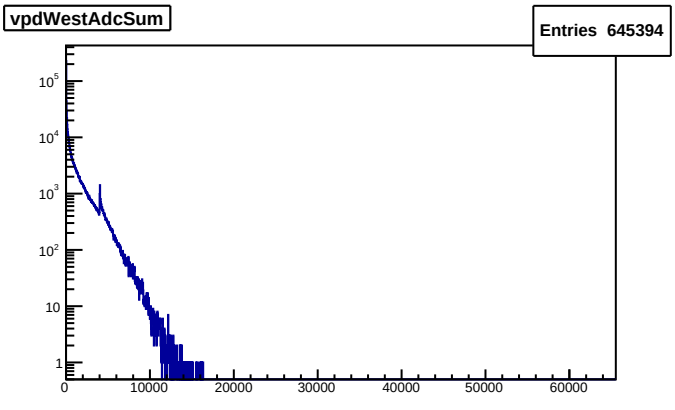
Entries 0
Data
Simu

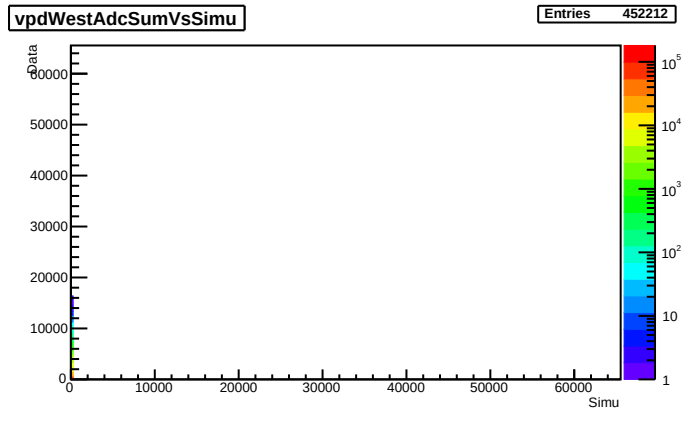

vpdEastAdcSum
Entries 645394


vpdEastAdcSumVsSimu
Entries 403752
Data
Simu


vpdEastTacMax
Entries 645394


vpdEastTacMaxVsSimu
Entries 403752
Data
Simu


vpdWestAdcSum
Entries 645394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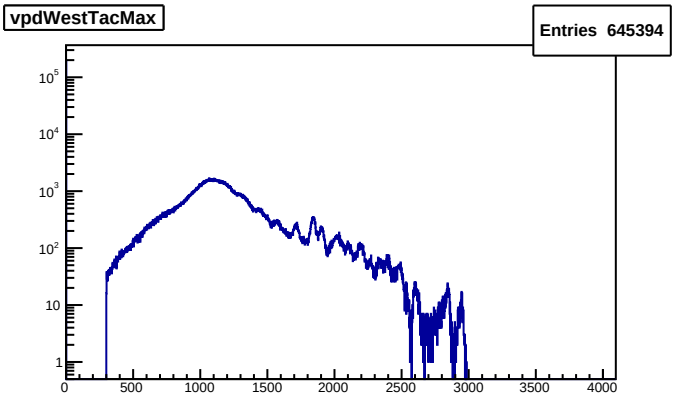
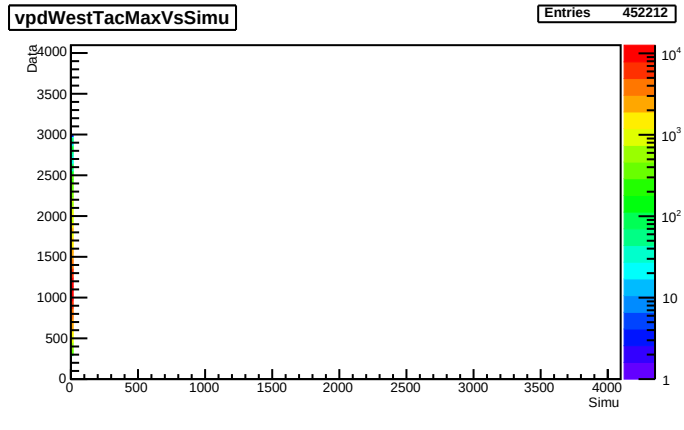
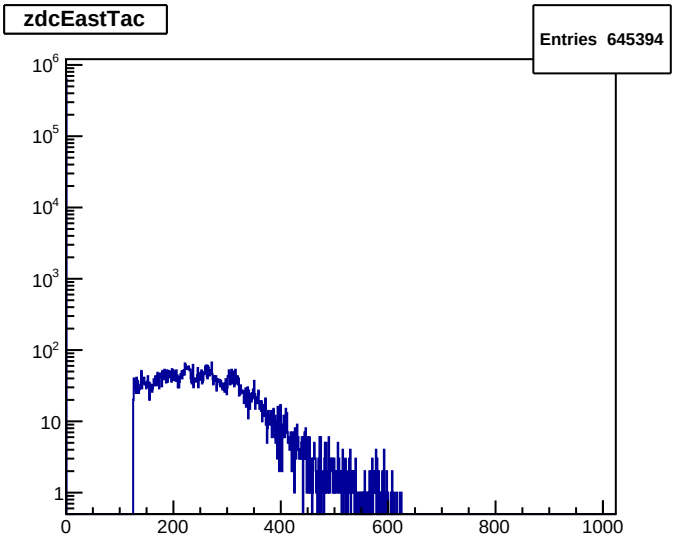
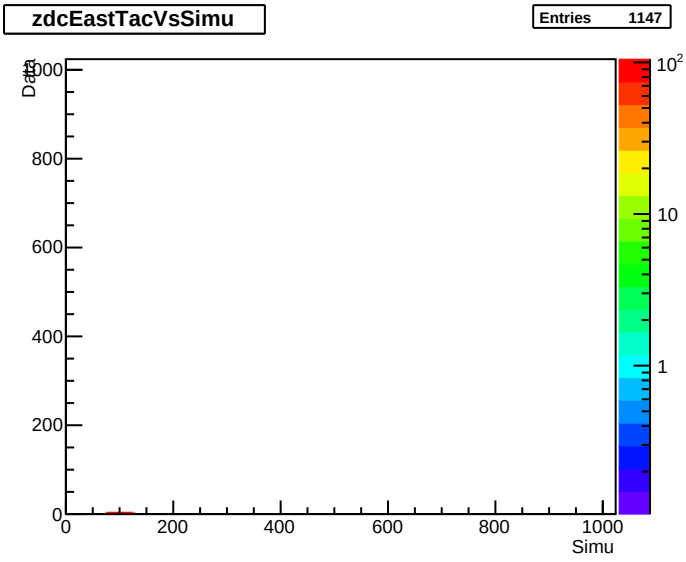
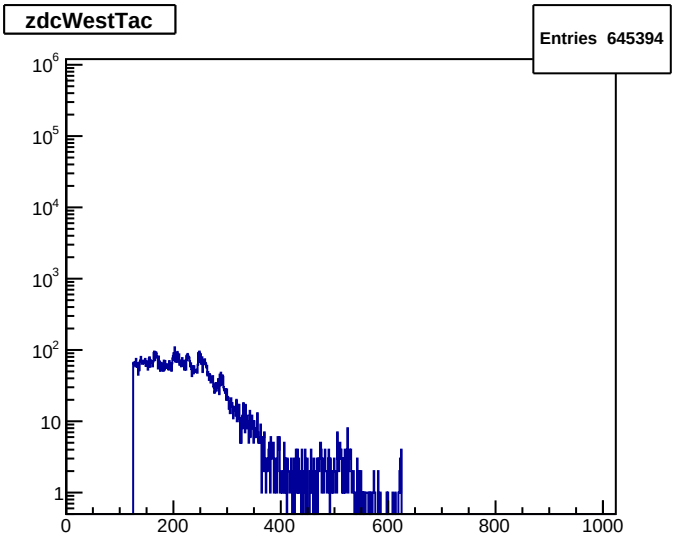
Entries 452212
Data
Simu

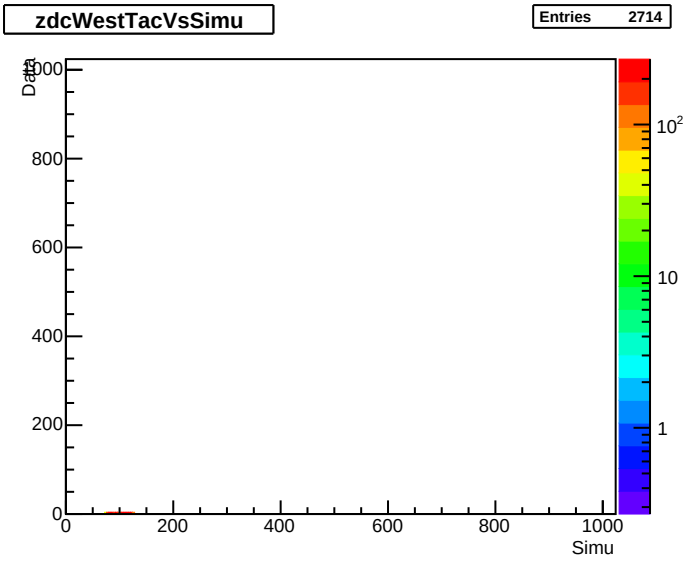

vpdWestTacMax
Entries 645394

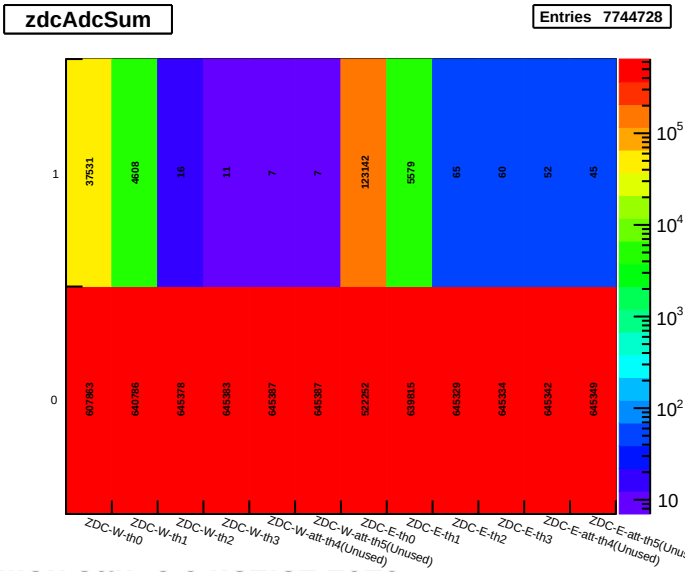

vpdWestTacMaxVsSimu
Entries 452212
Data
Simu

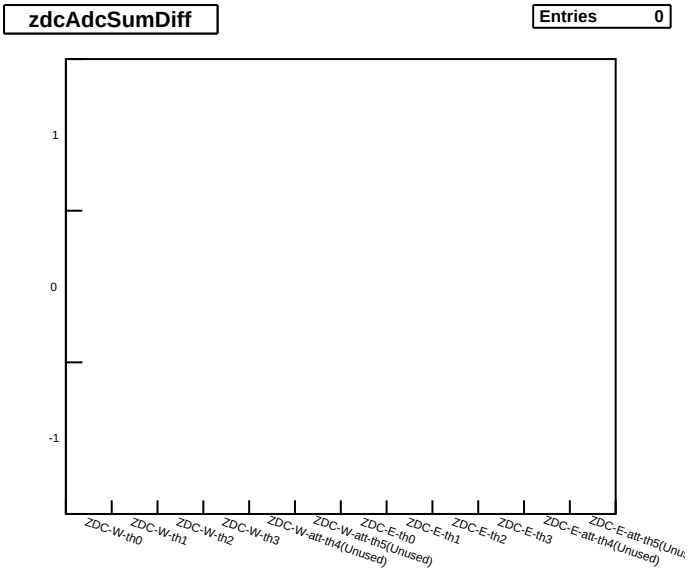

zdcEastTac
Entries 645394

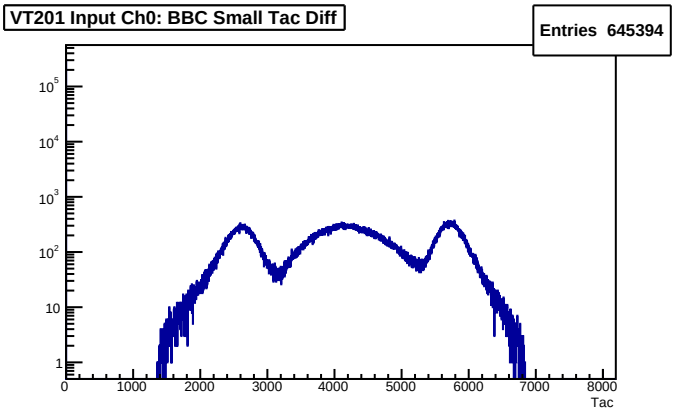

zdcEastTacVsSimu
Entries 1147
Data
Simu

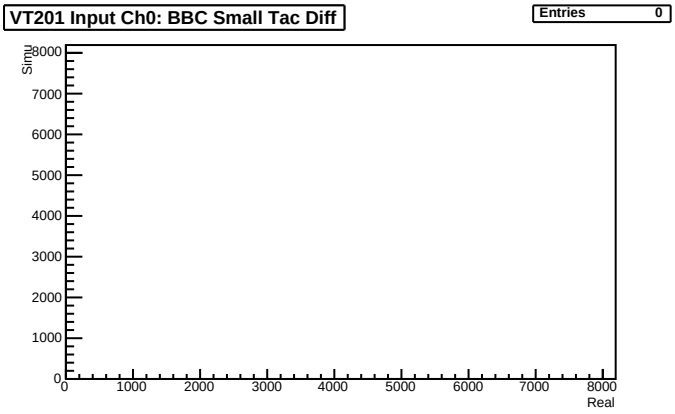

zdcWestTac
Entries 645394

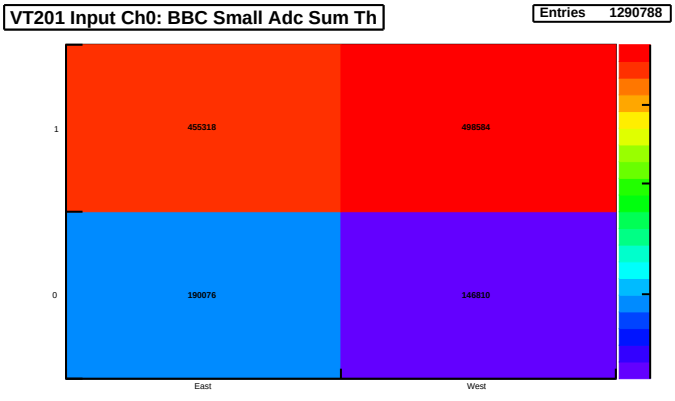

zdcWestTacVsSimu
Entries 2714
Data
Simu

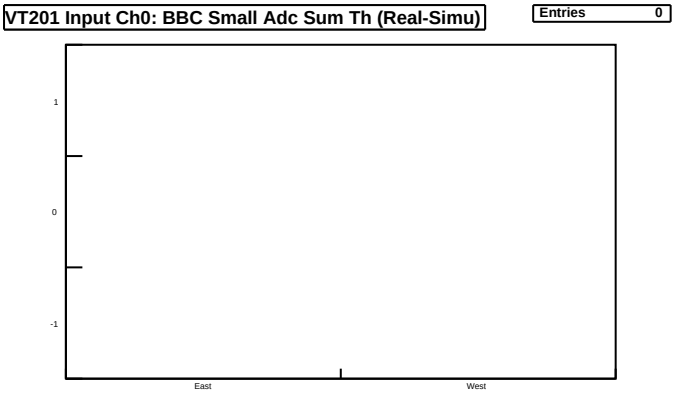

zdcAdcSum
Entries 7744728
37531
4608
16
11
7
7
123142
5579
65
60
52
45
607863
640786
645378
645383
645387
645387
522252
639815
645329
645334
645342
645349
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

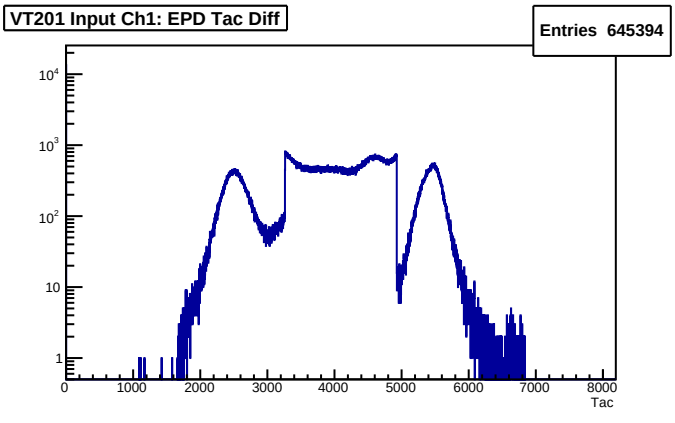

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

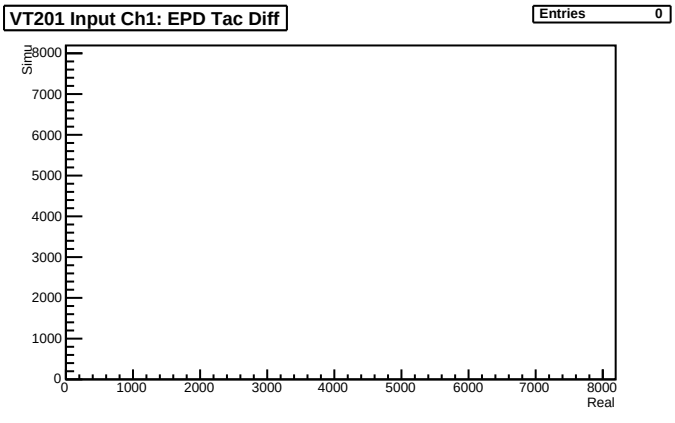

VT201 Input Ch0: BBC Small Tac Diff
Entries 645394
Tac

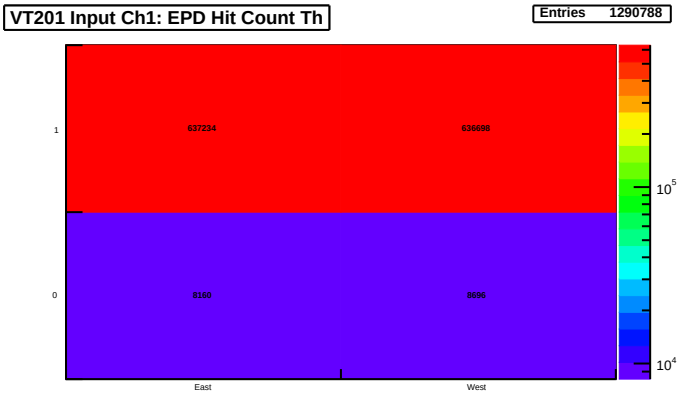

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

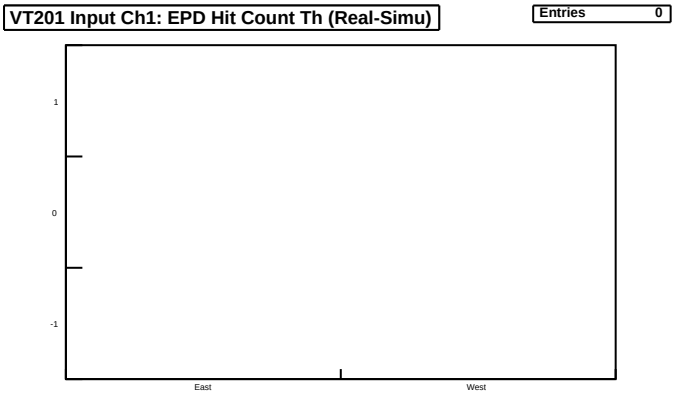

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1290788
455318
498584
190076
146810
East
West

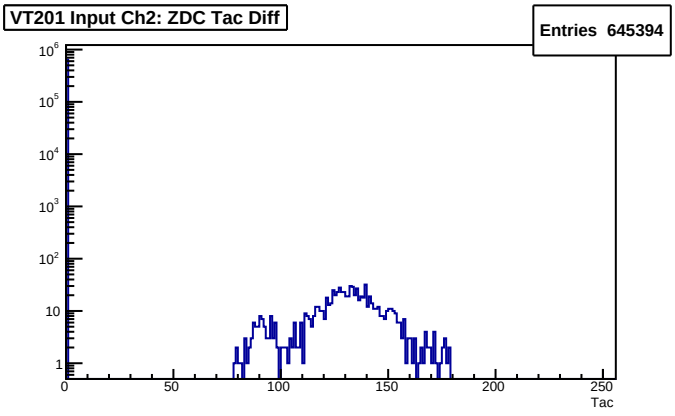

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

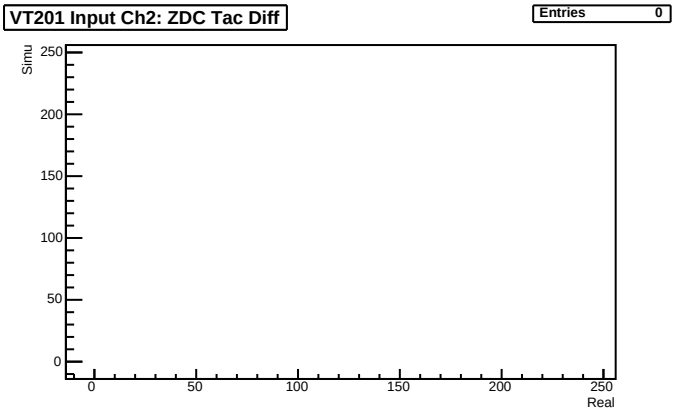

VT201 Input Ch1: EPD Tac Diff
Entries 645394
Tac

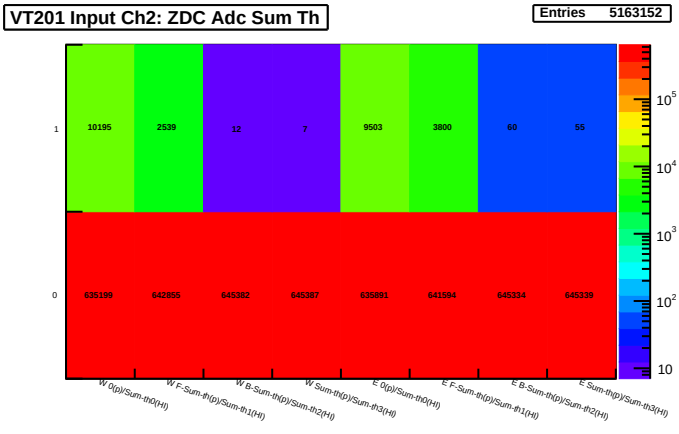

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

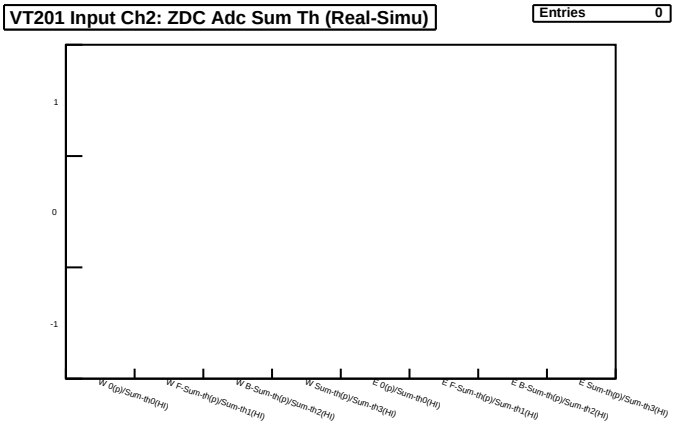

VT201 Input Ch1: EPD Hit Count Th
Entries 1290788
637234
636698
8160
8696
East
West

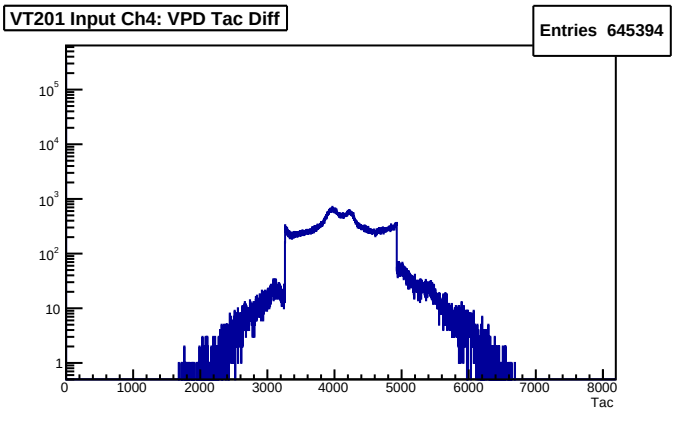

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

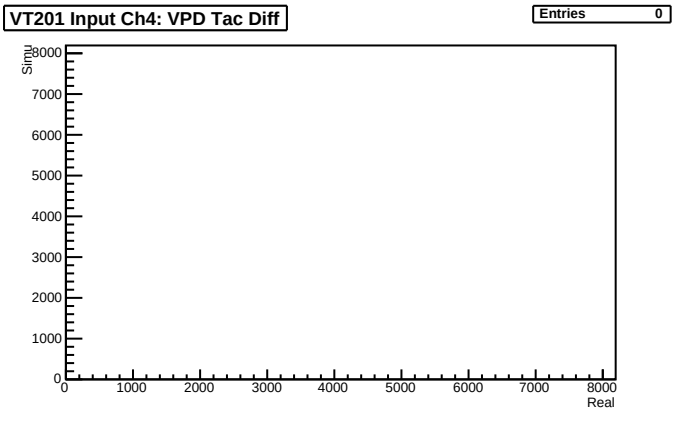

VT201 Input Ch2: ZDC Tac Diff
Entries 645394
Tac

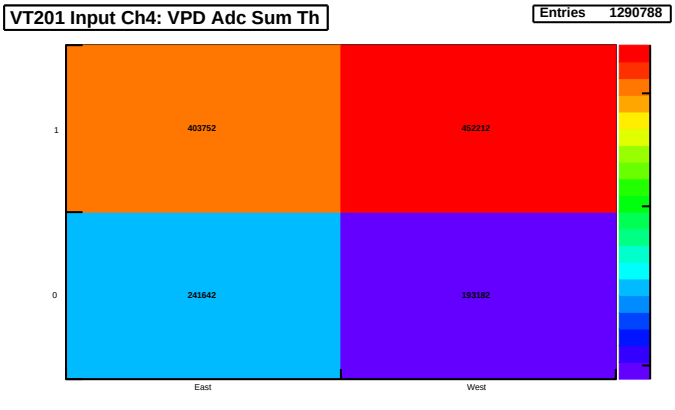

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

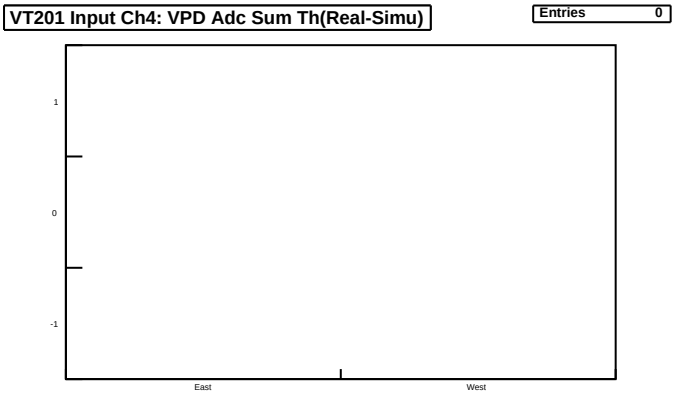

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5163152
10195
2539
12
7
9503
3800
60
55
635199
642855
645382
645387
635891
641594
645334
645339
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

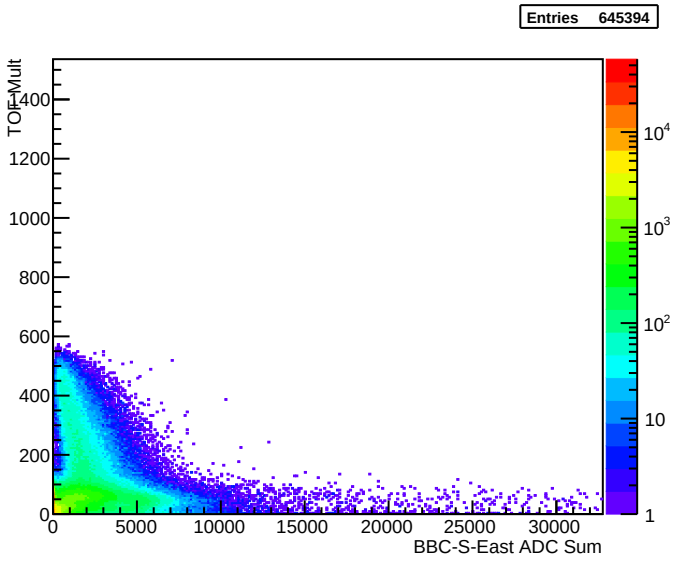

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

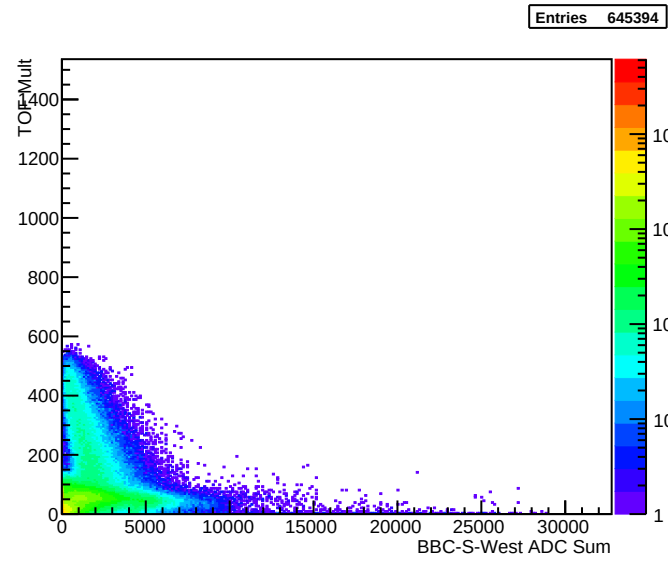

VT201 Input Ch4: VPD Tac Diff
Entries 645394
Tac

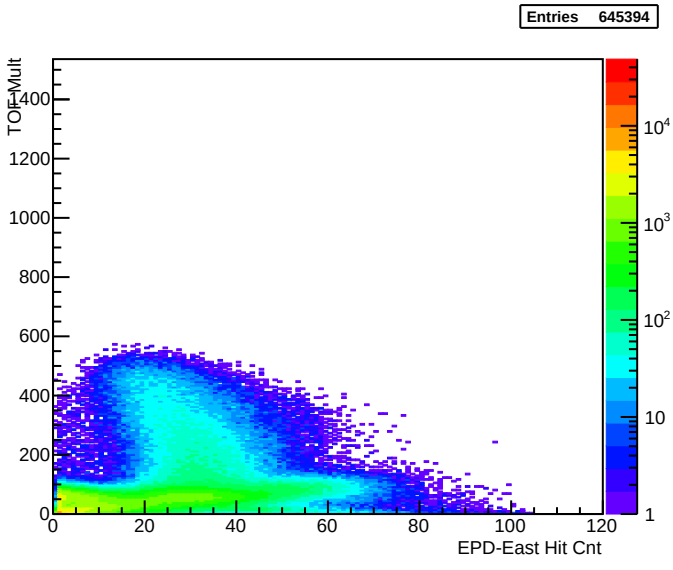

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

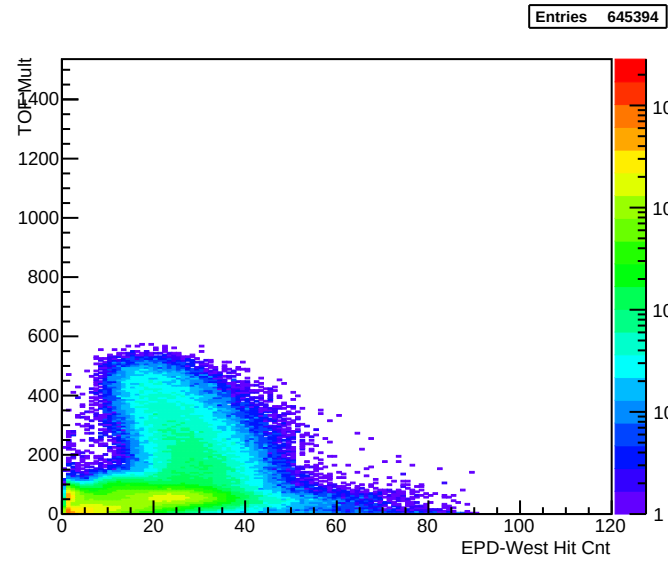

VT201 Input Ch4: VPD Adc Sum Th
Entries 1290788
403752
452212
241642
193182
East
West

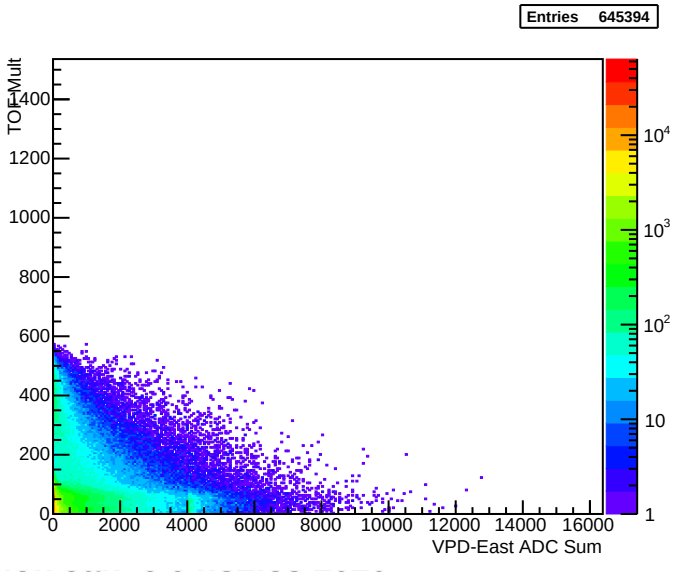

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

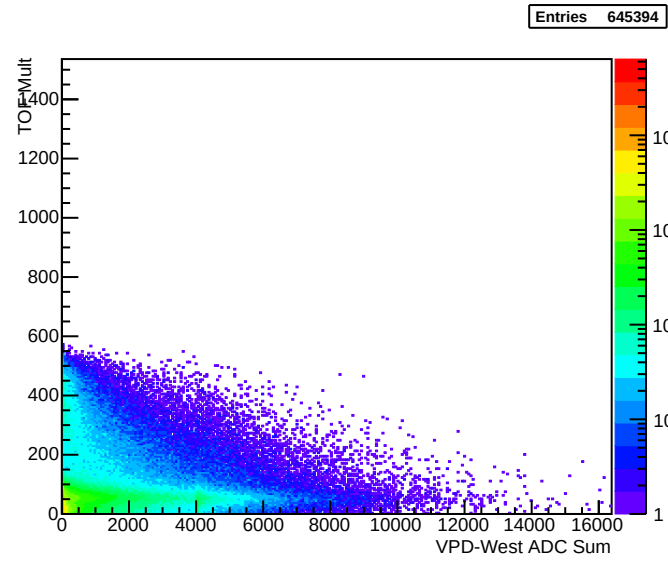

Entries 645394
TOF-Mult
BBC-S-East ADC Sum

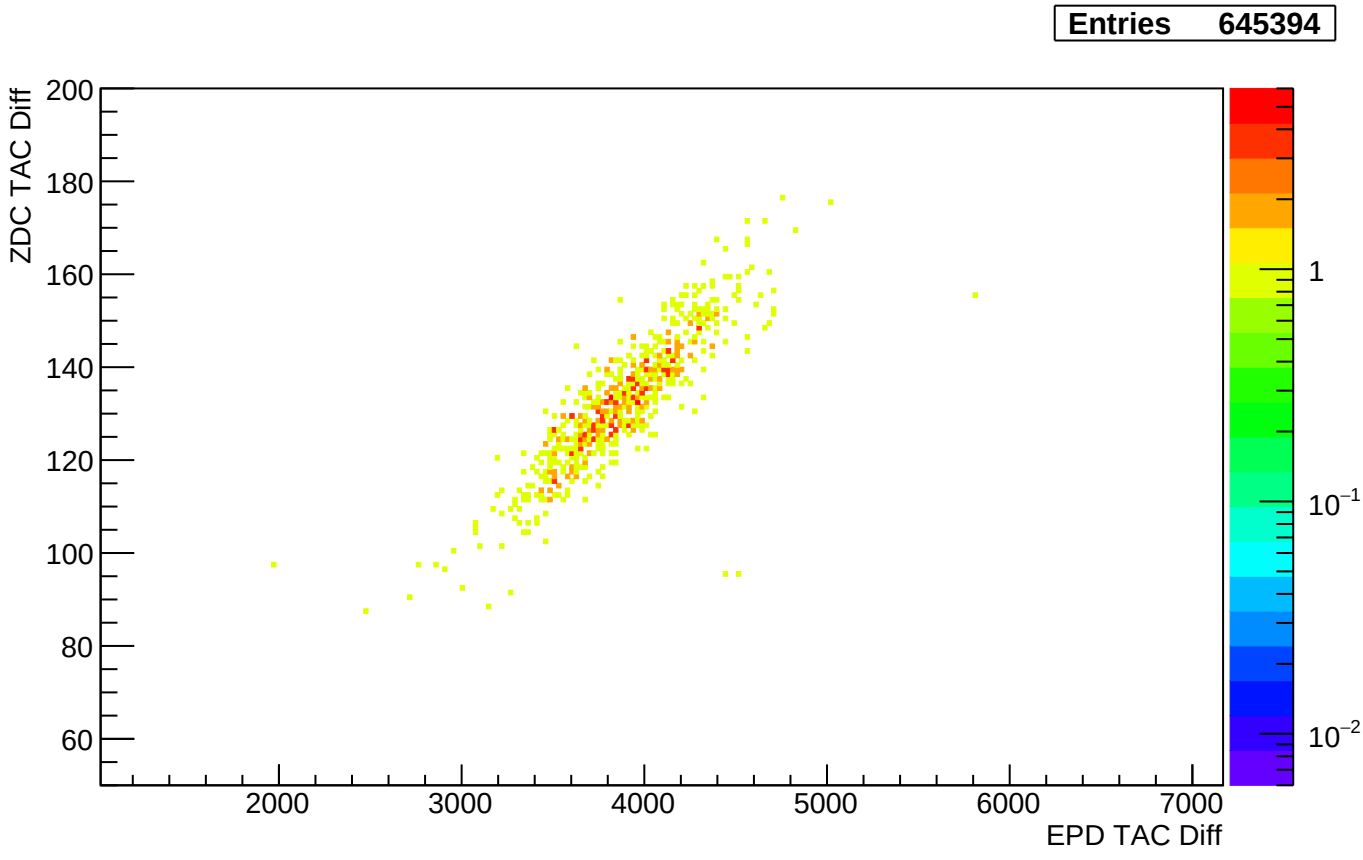

Entries 645394
TOF-Mult
BBC-S-West ADC Sum

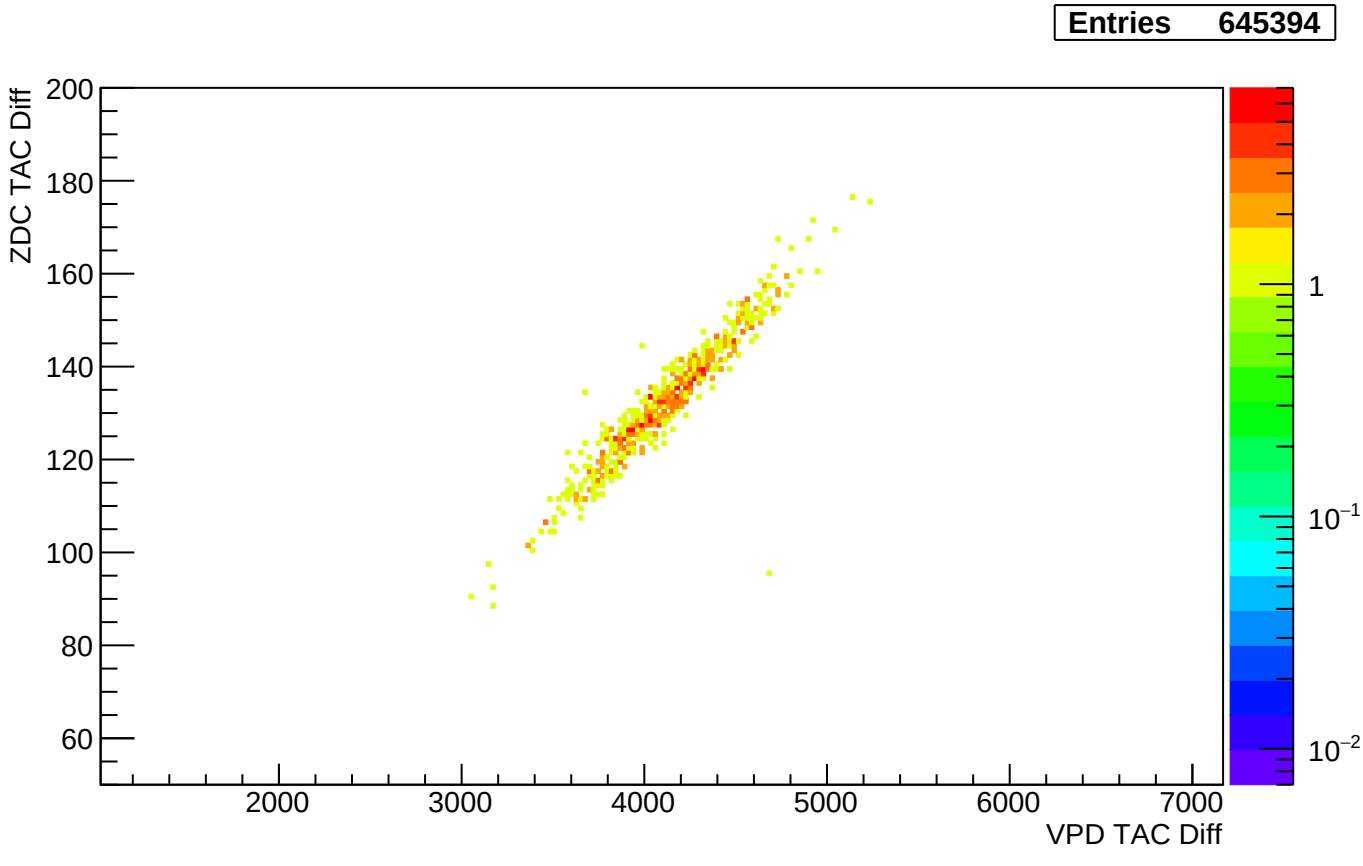

Entries 645394
TOF-Mult
EPD-East Hit Cnt

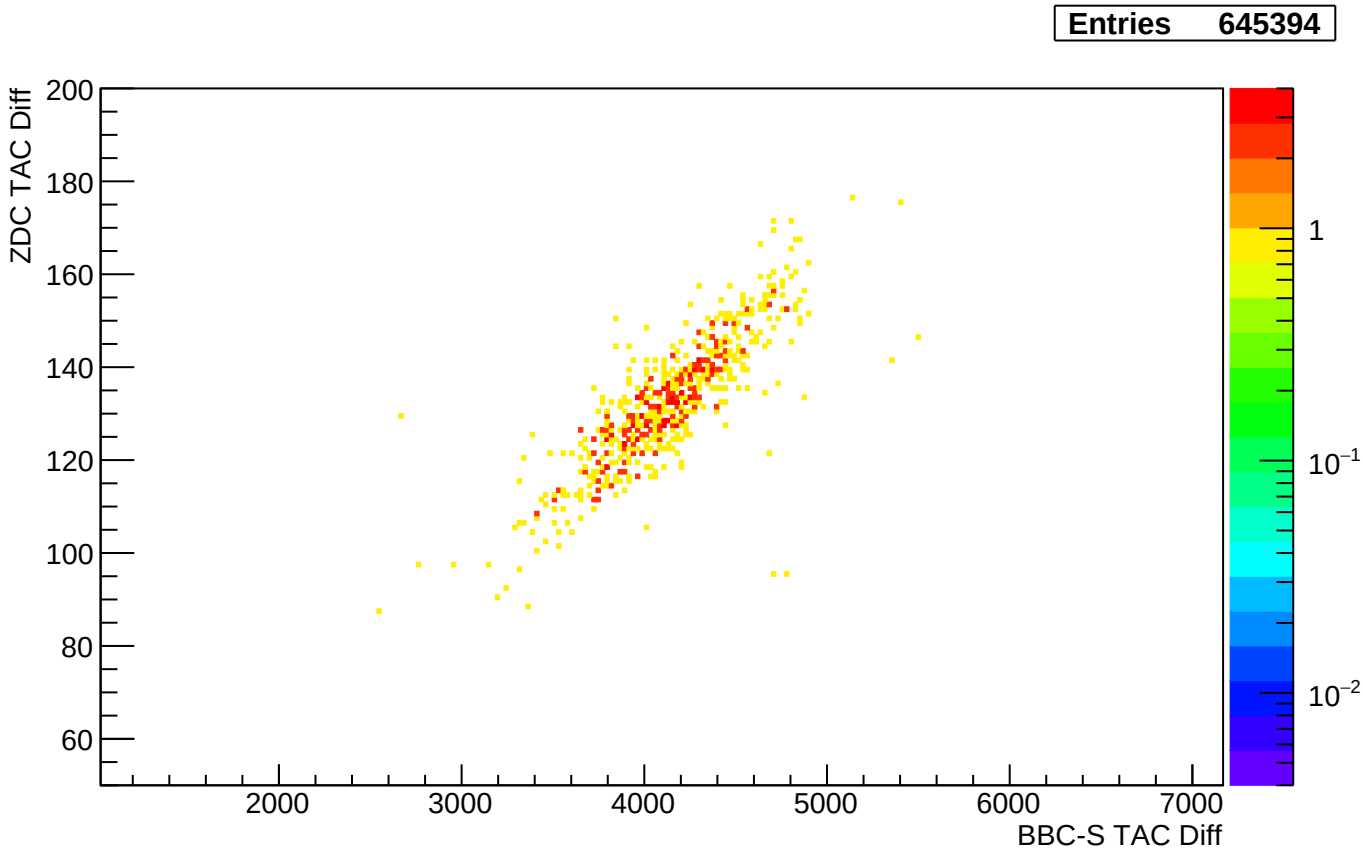

Entries 645394
TOF-Mult
EPD-West Hit Cnt

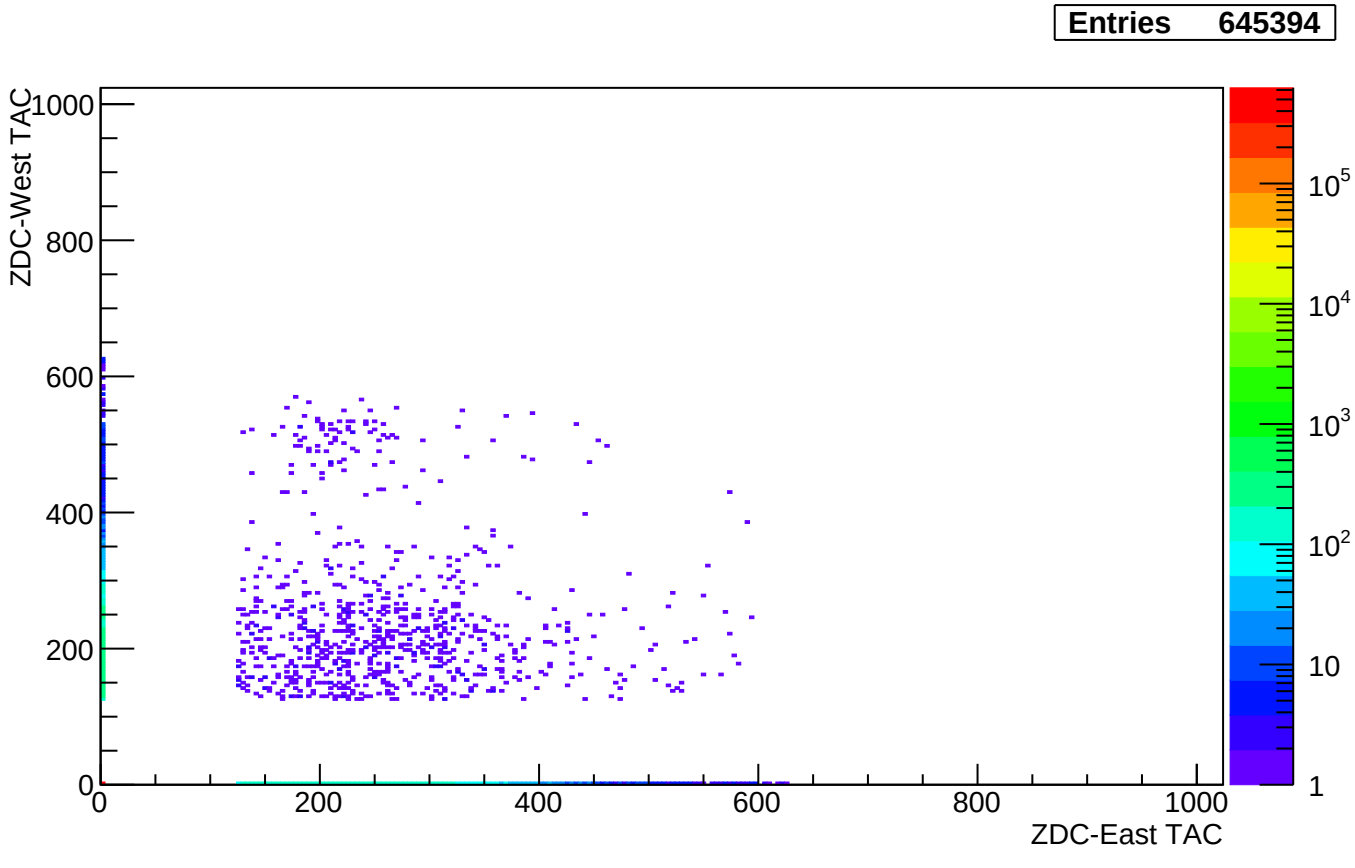

Entries 645394
TOF-Mult
VPD-East ADC Sum

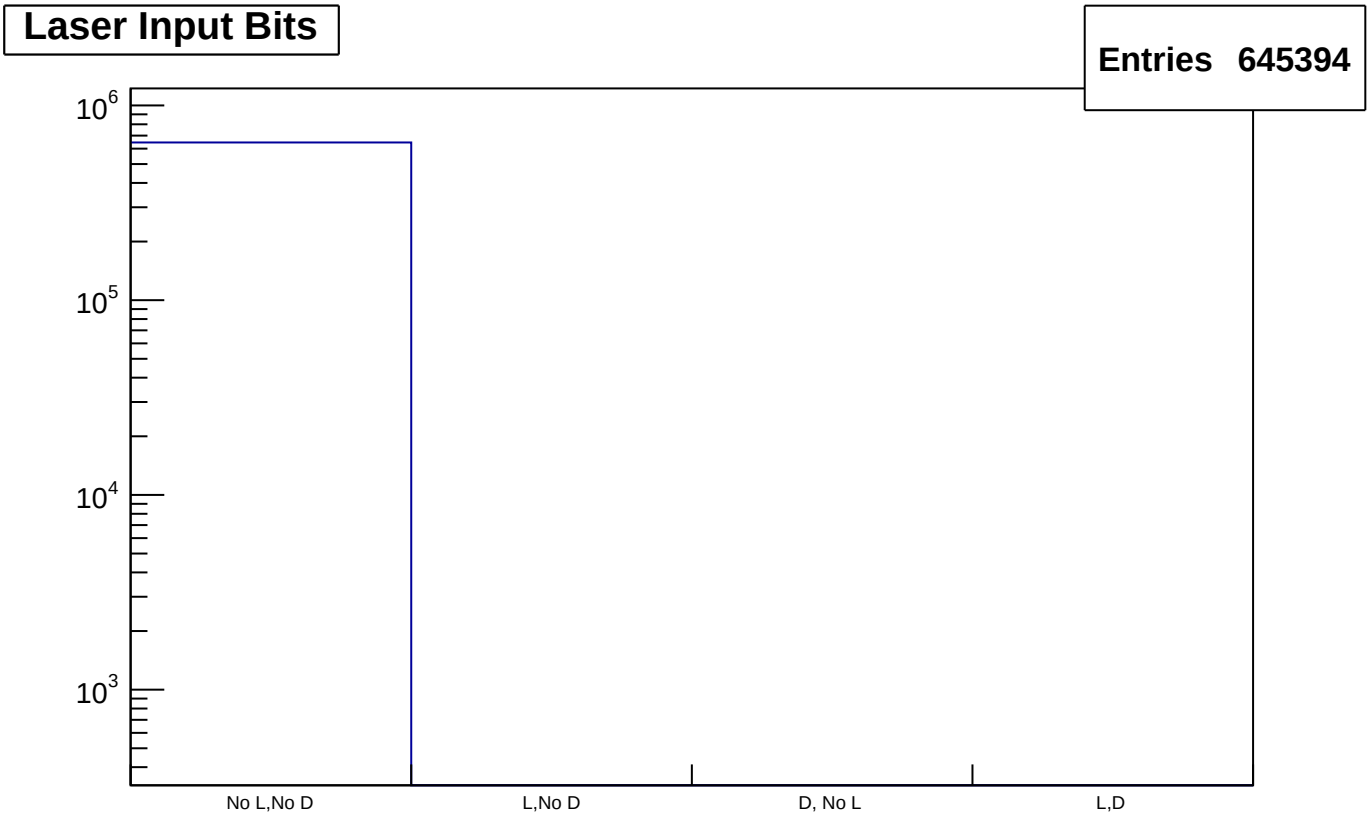

Entries 645394
TOF-Mult
VPD-West ADC Sum

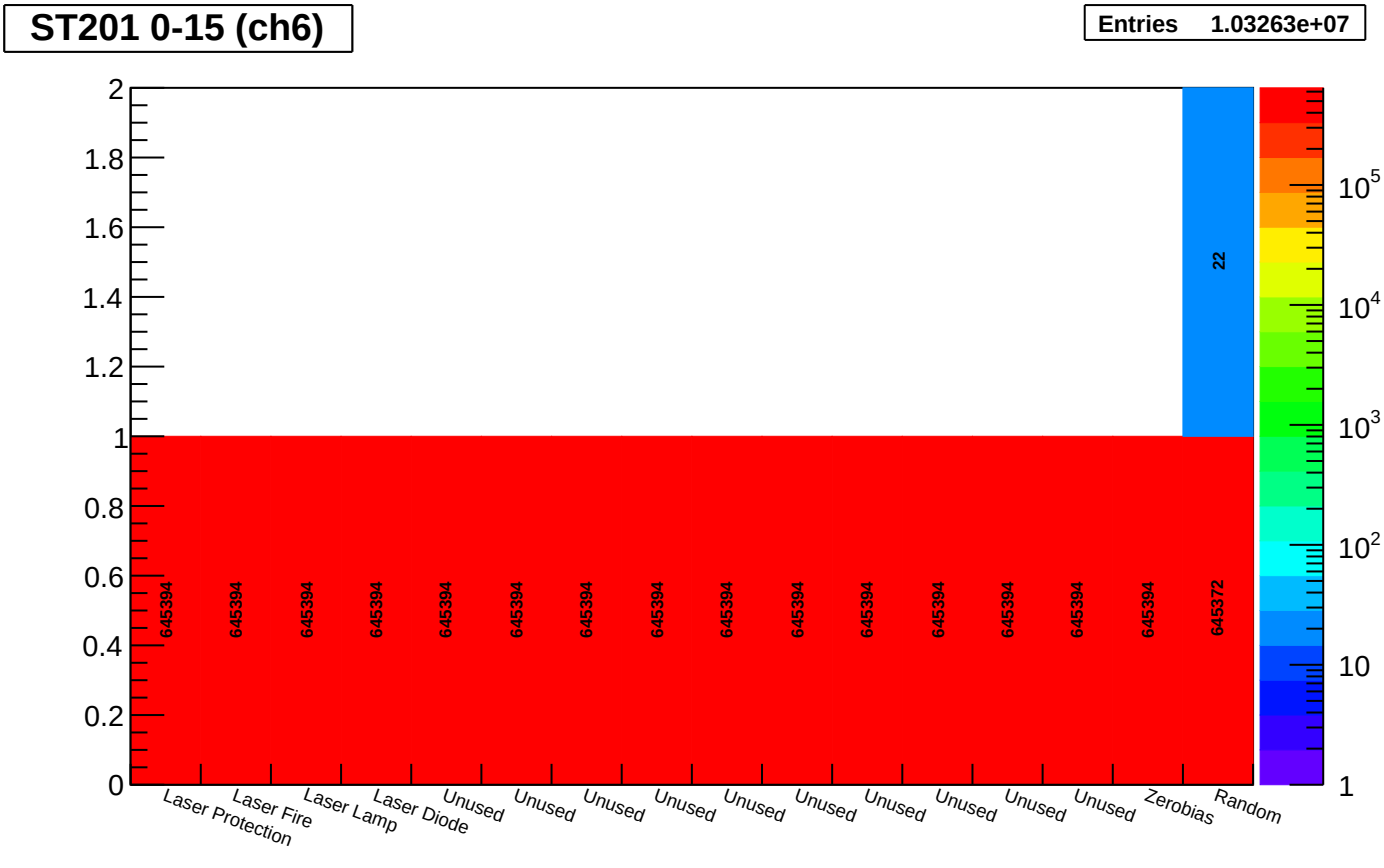

Entries 645394
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

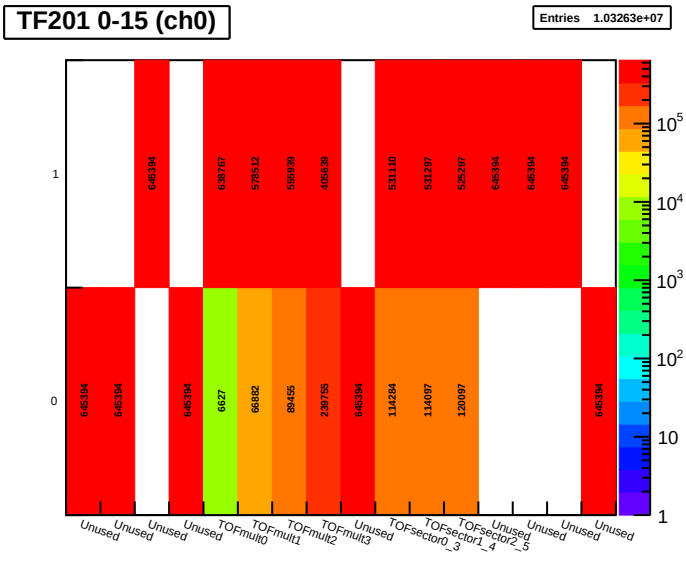

Entries 645394
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

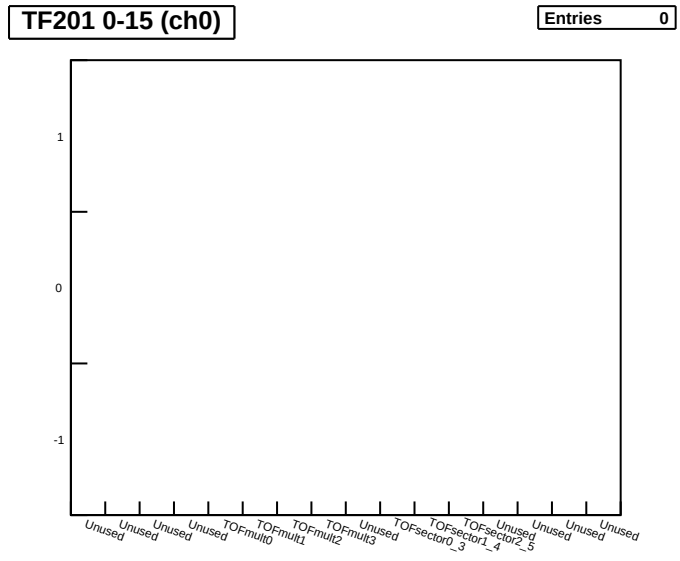

Entries 645394
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

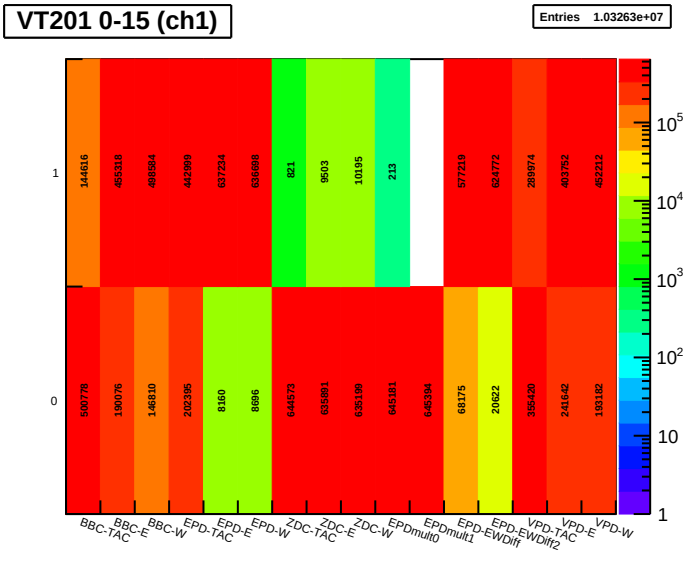

Entries 645394
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

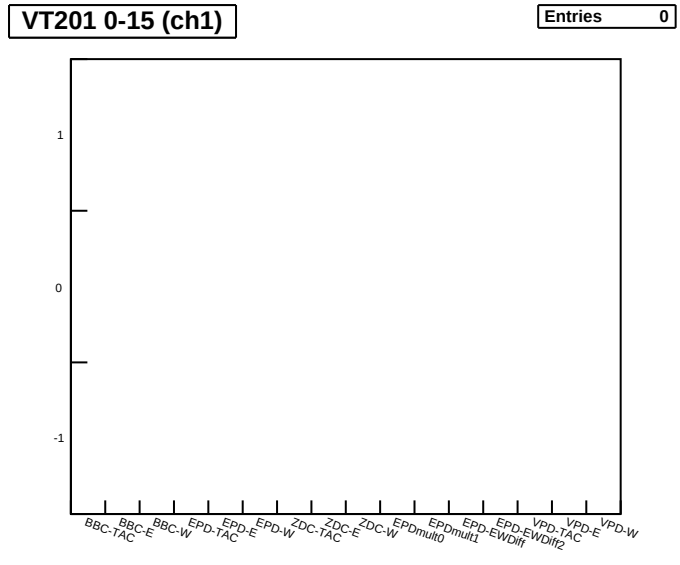

Laser Input Bits
Entries 645394
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

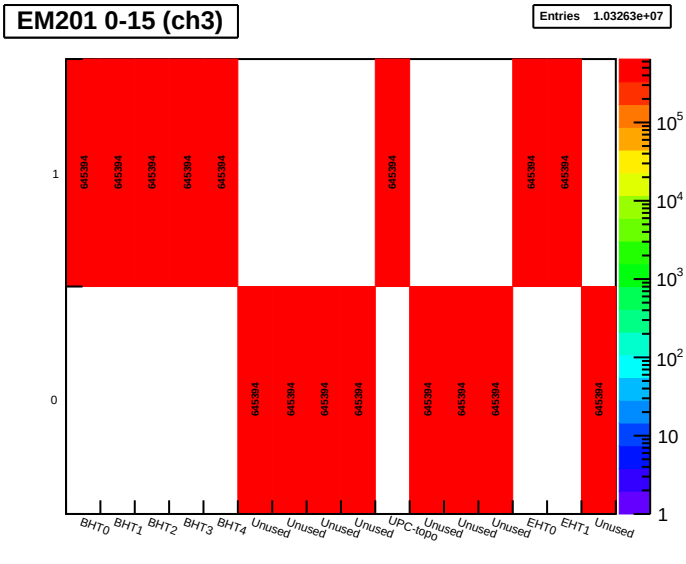

ST201 0-15 (ch6)
Entries 1.03263e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
22
645394
645372
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

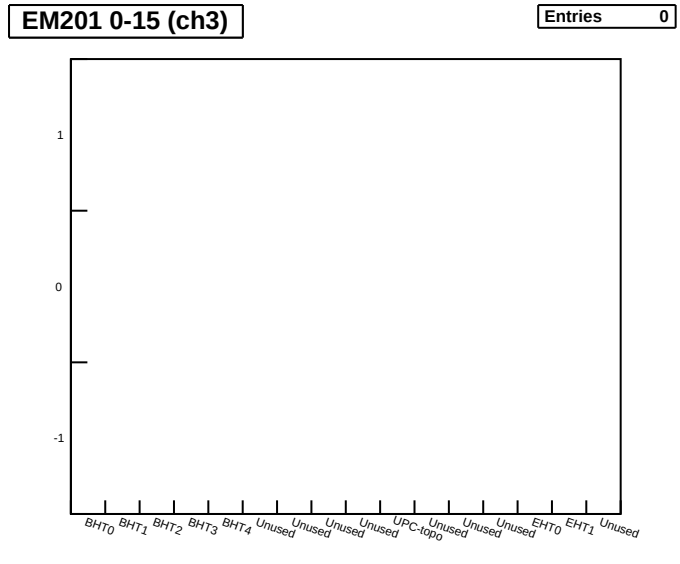

TF201 0-15 (ch0)
Entries 1.03263e+07
1
0
645394
638767
578512
555939
405639
531110
531297
525297
645394
645394
645394
645394
645394
645394
6627
66882
89455
239755
645394
114284
114097
120097
645394
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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


VT201 0-15 (ch1)
Entries 1.03263e+07
1
0
144616
455318
498584
442999
637234
636698
821
9503
10195
213
577219
624772
289974
403752
452212
500778
190076
146810
202395
8160
8696
644573
635891
635199
645181
645394
68175
20622
355420
241642
193182
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
1
10
10^2
10^3
10^4
10^5


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 1.03263e+07
1
0
645394
645394
645394
645394
645394
645394
645394
645394
645394
645394
645394
645394
645394
645394
645394
645394
645394
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1