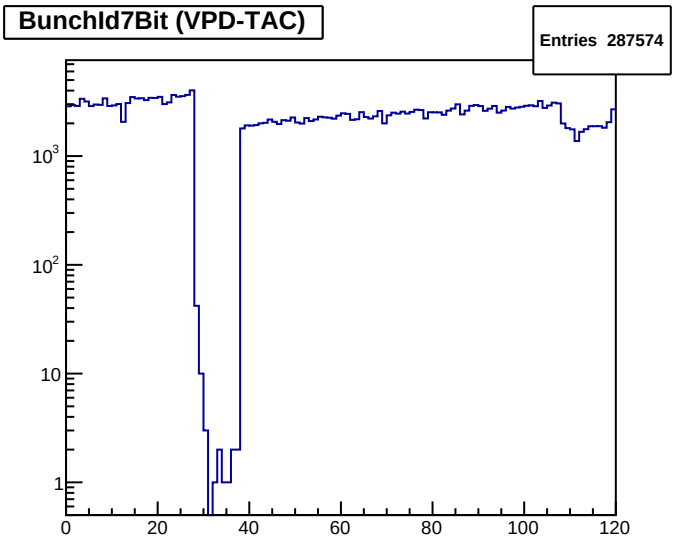
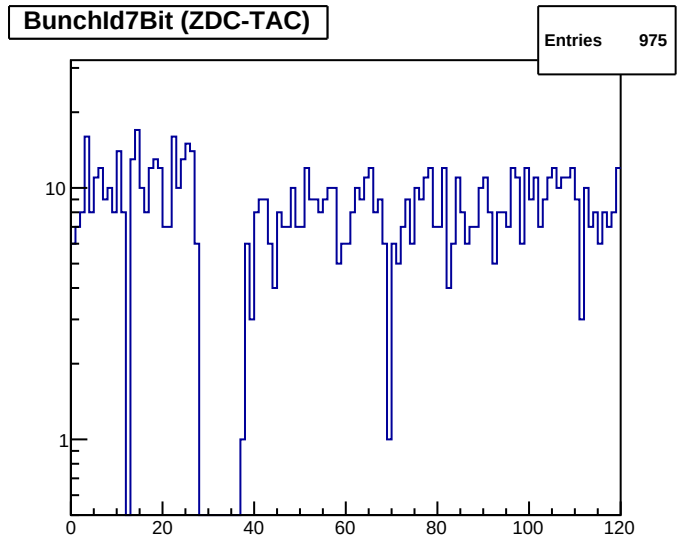
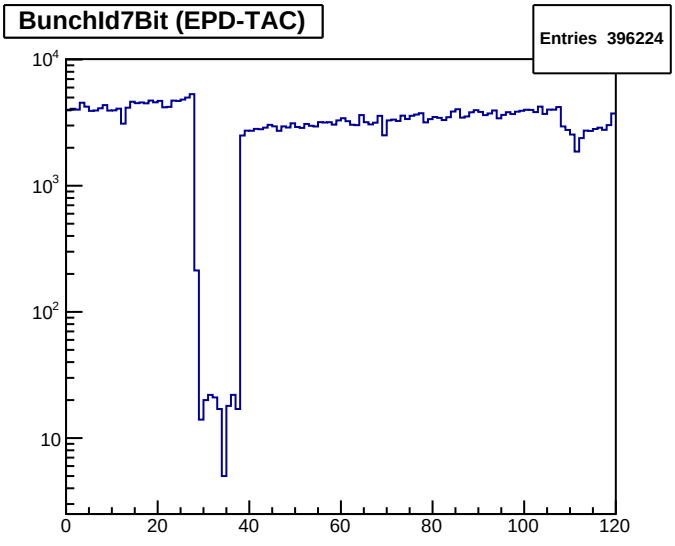
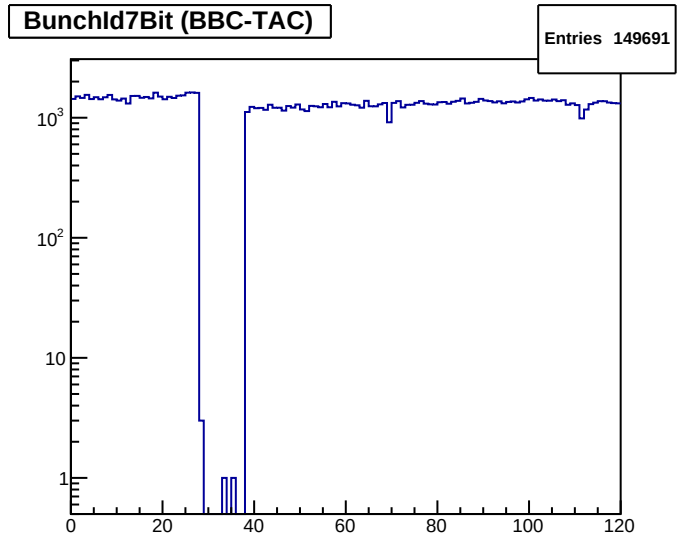
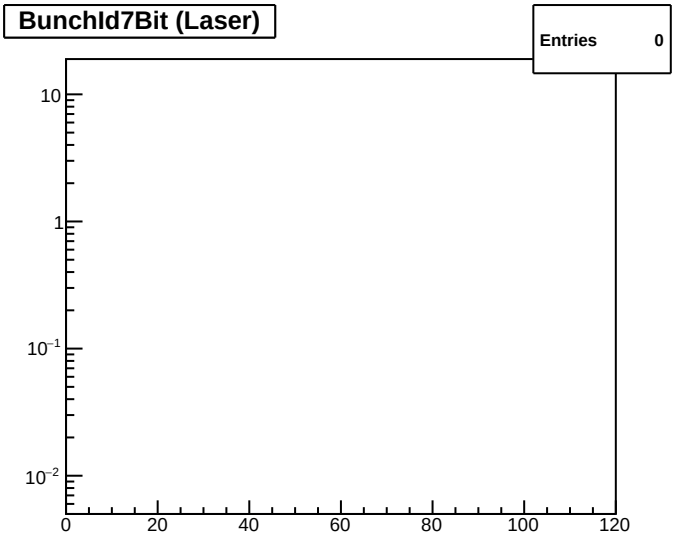
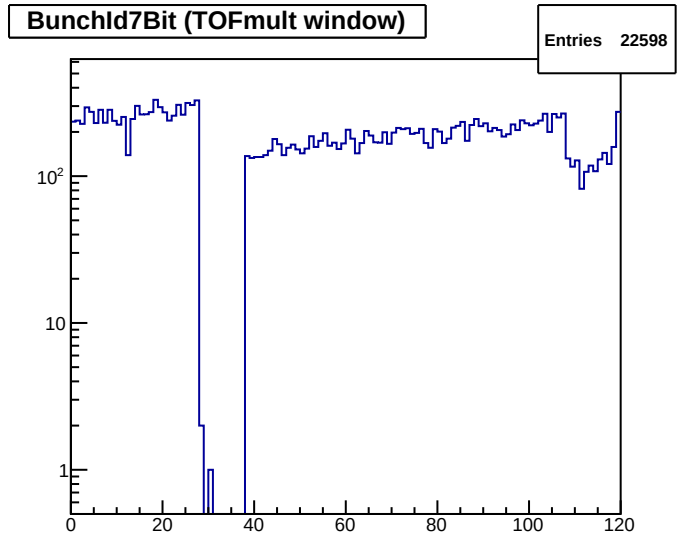

BunchId7Bit (VPD-TAC)
Entries 287574

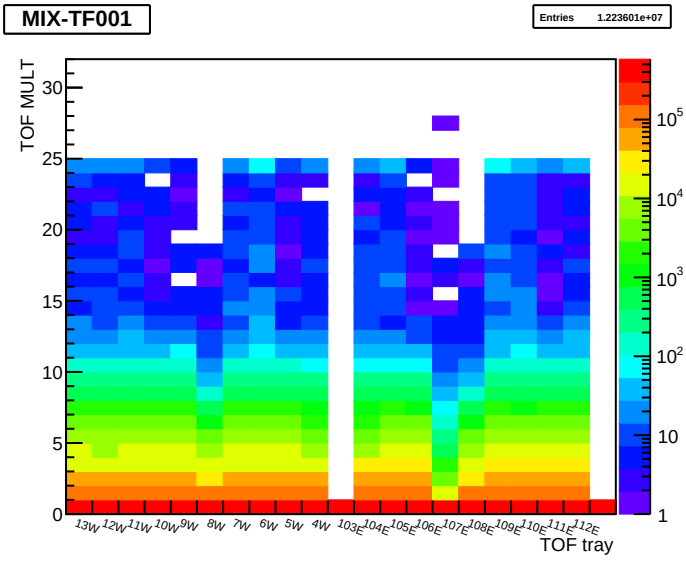

BunchId7Bit (ZDC-TAC)
Entries 975

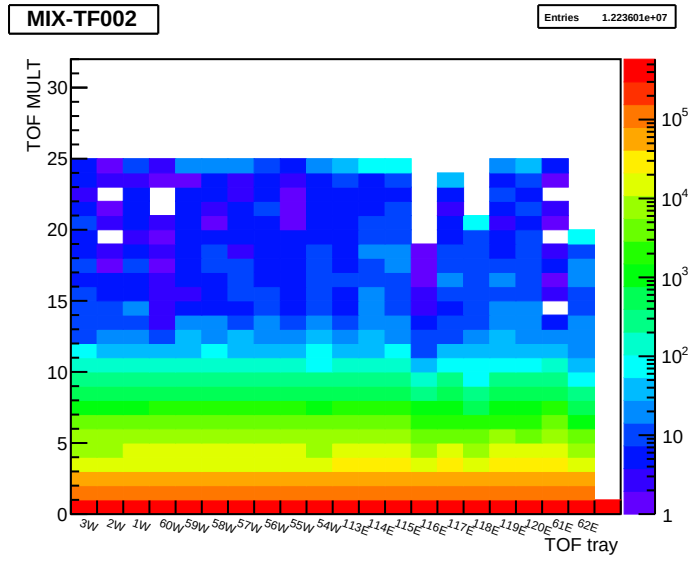

BunchId7Bit (EPD-TAC)
Entries 396224

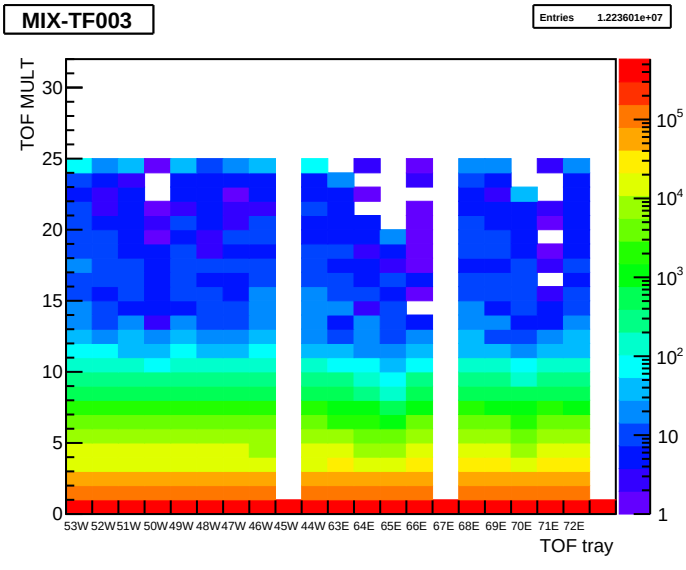

BunchId7Bit (BBC-TAC)
Entries 149691

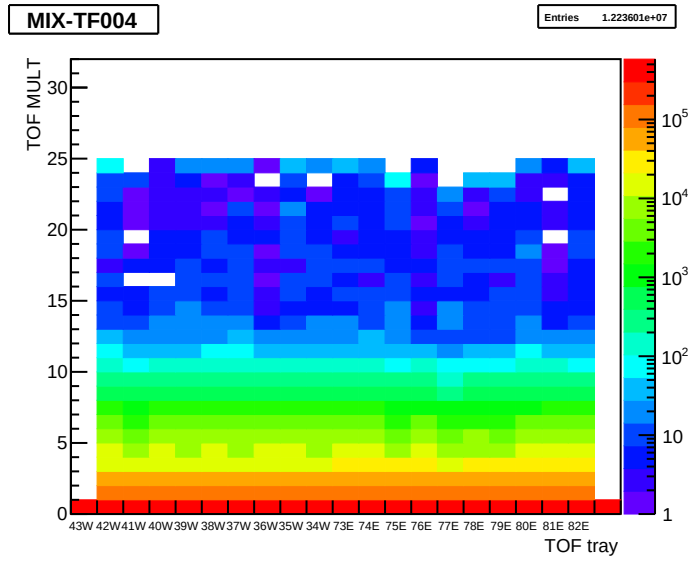

BunchId7Bit (Laser)
Entries 0

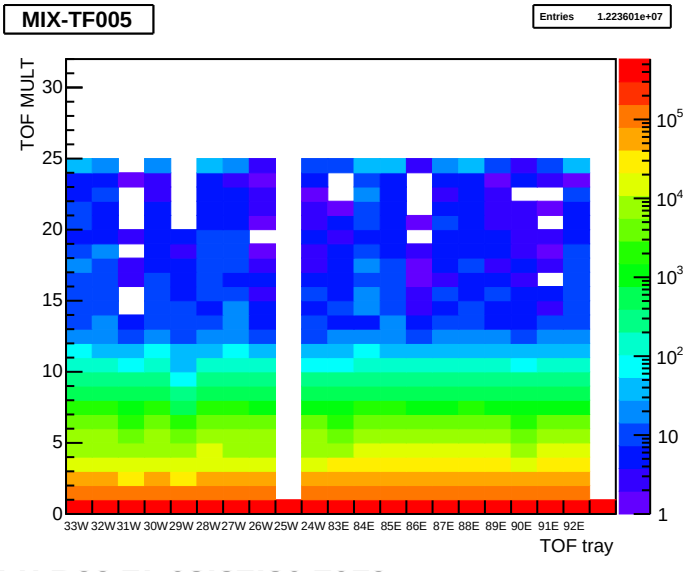

BunchId7Bit (TOFmult window)
Entries 22598

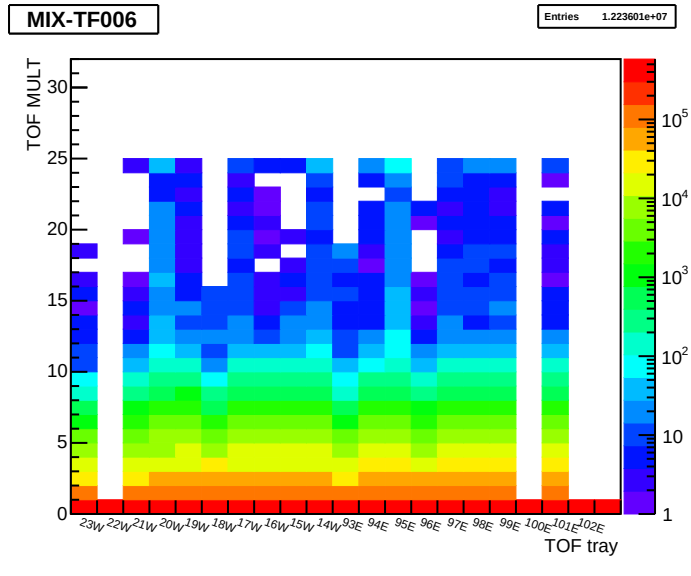

MIX-TF001
Entries 1.223601e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

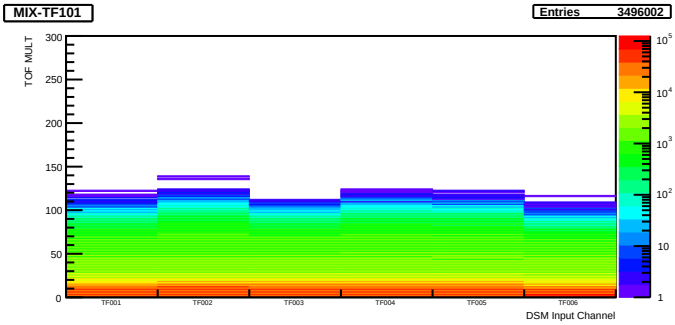

MIX-TF002
Entries 1.223601e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

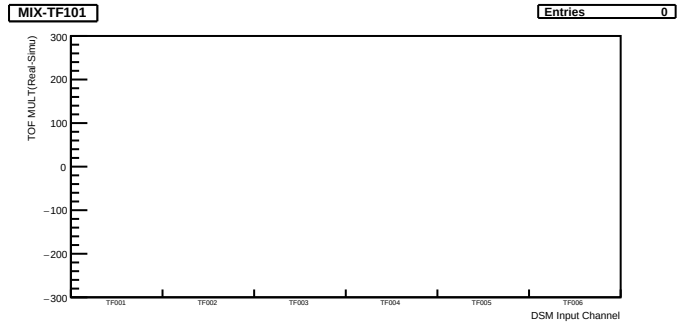

MIX-TF003
Entries 1.223601e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

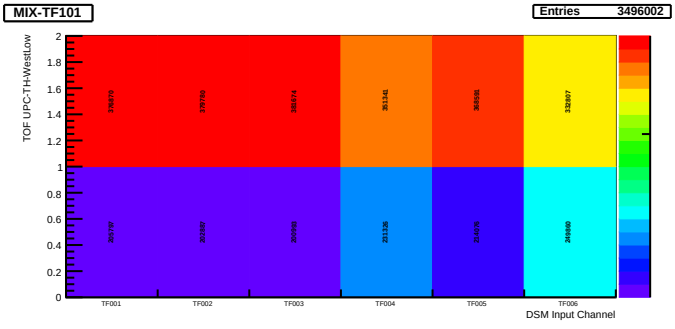

MIX-TF004
Entries 1.223601e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

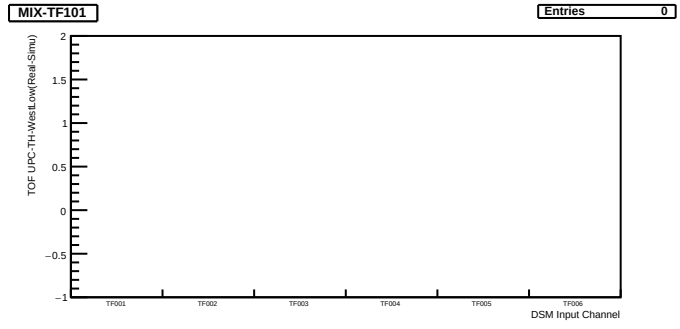

MIX-TF005
Entries 1.223601e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

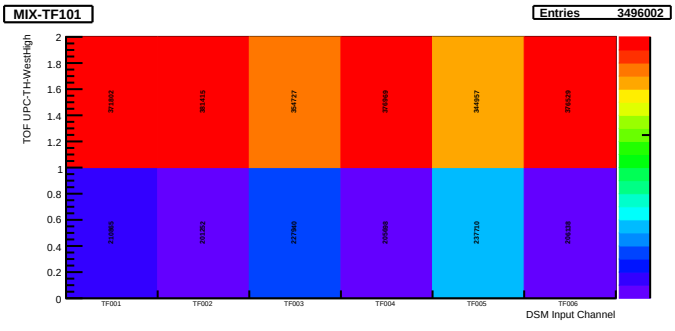

MIX-TF006
Entries 1.223601e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

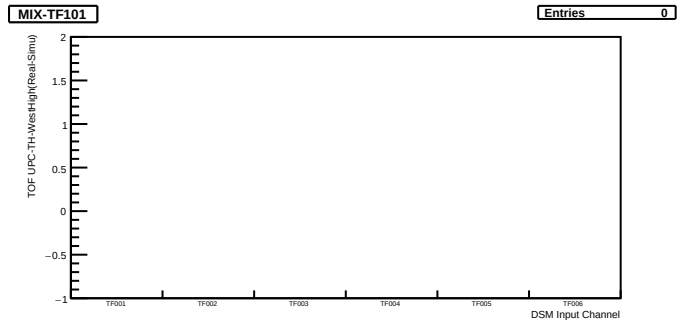

MIX-TF101
Entries 3496002
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

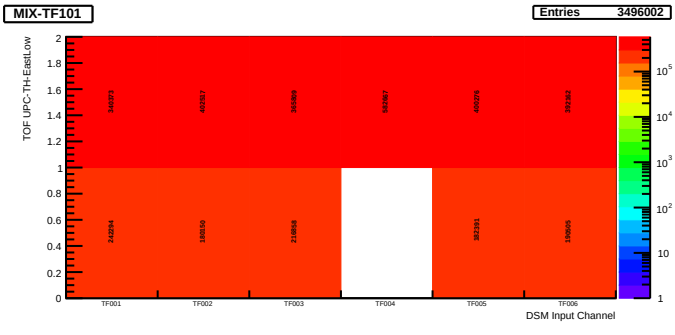

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

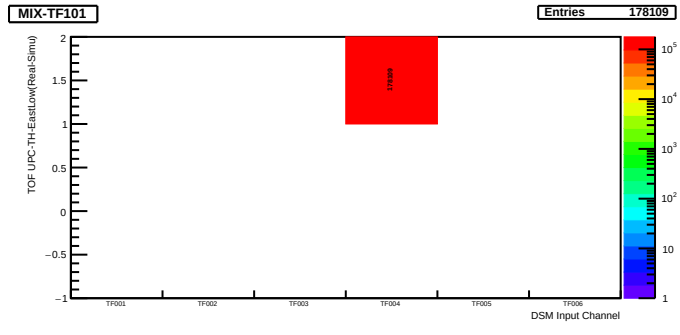

MIX-TF101
Entries 3496002
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

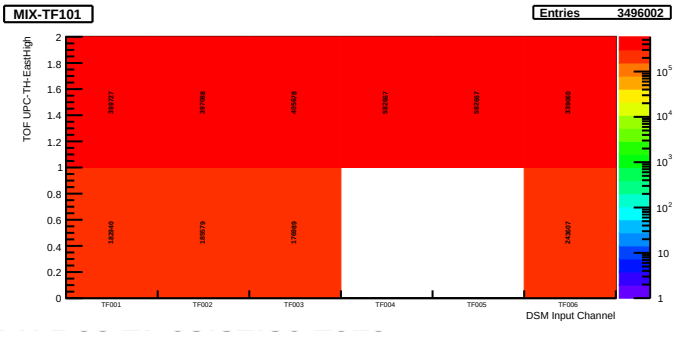

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

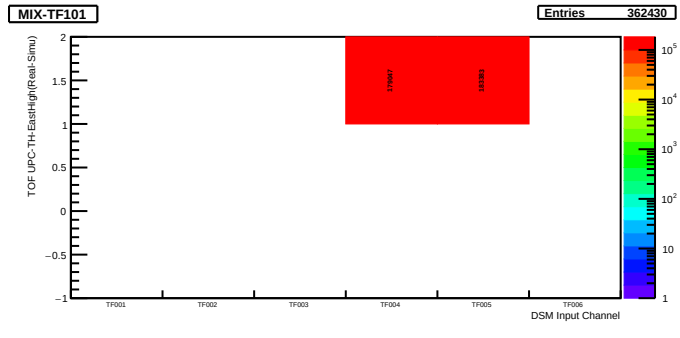

MIX-TF101
Entries 3496002
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

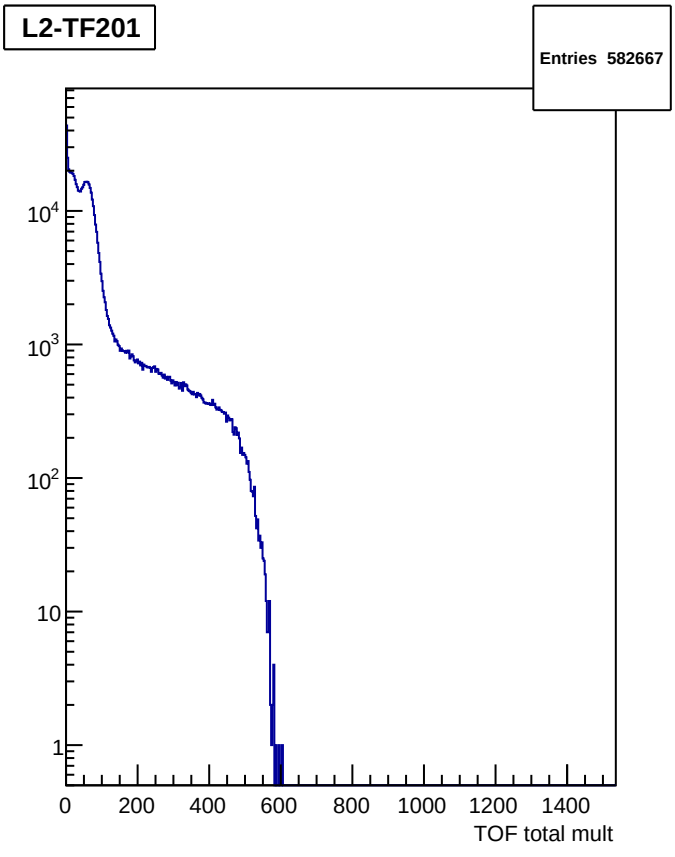

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

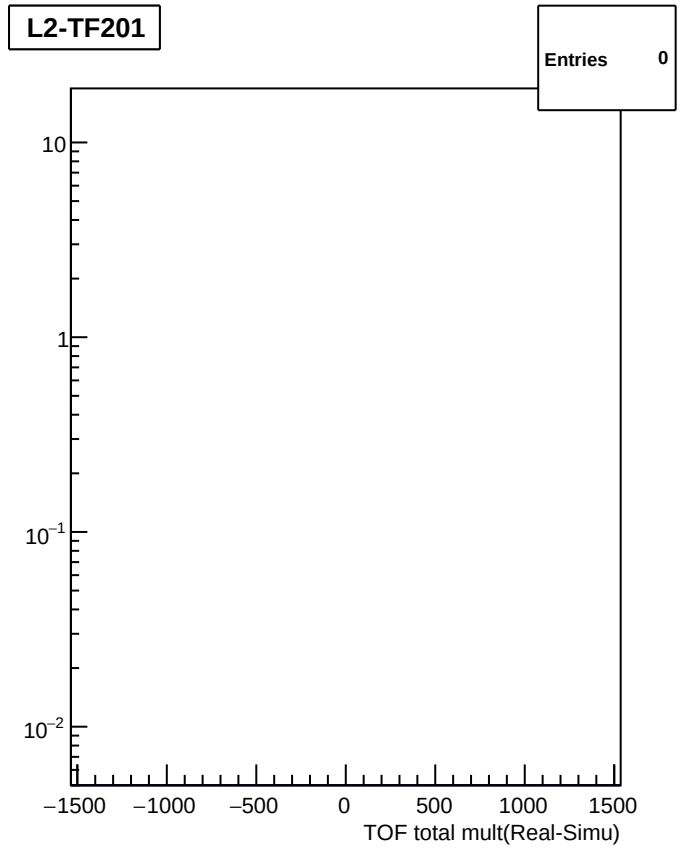

MIX-TF101
Entries 3496002
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

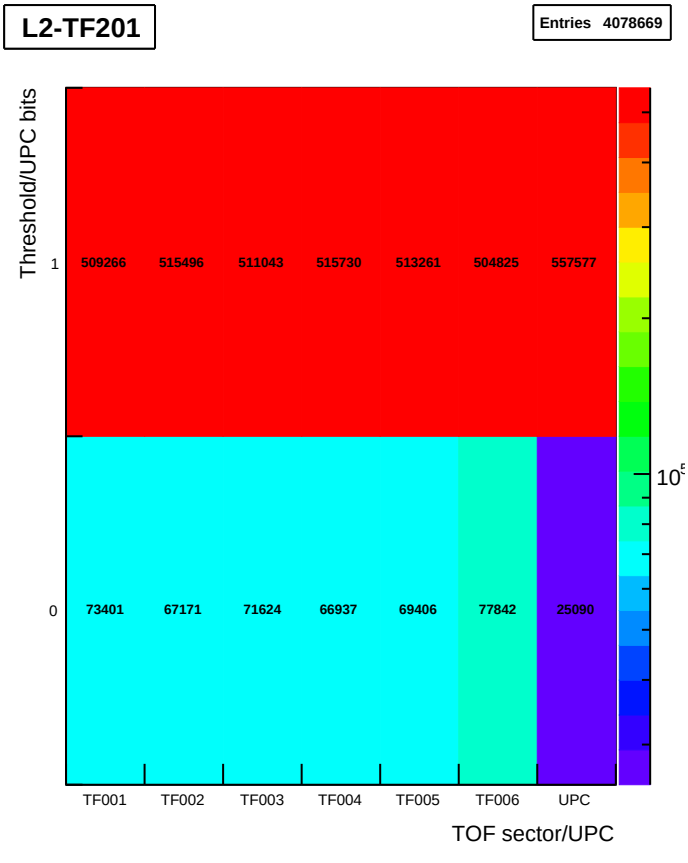

MIX-TF101
Entries 178109
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

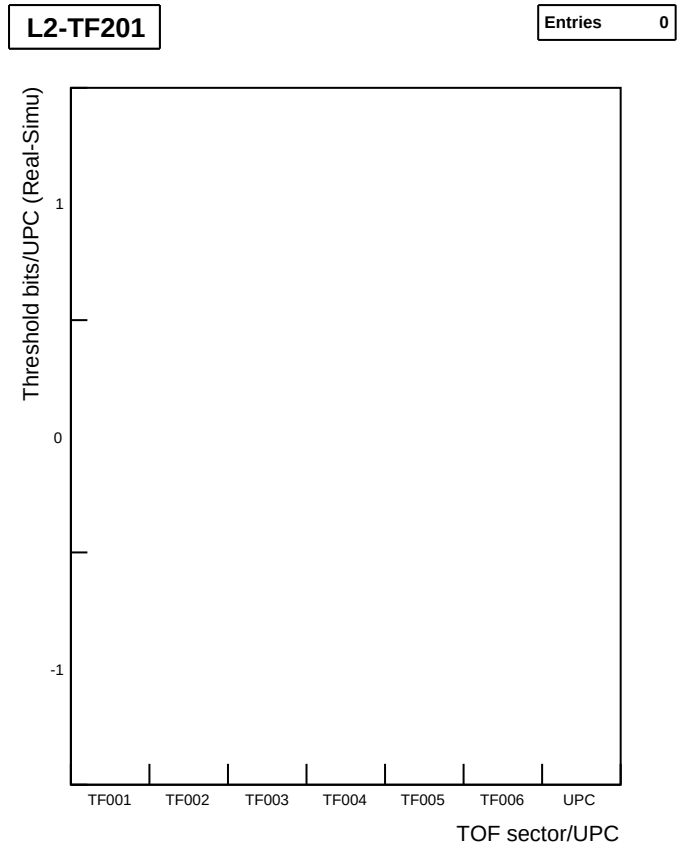

MIX-TF101
Entries 3496002
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

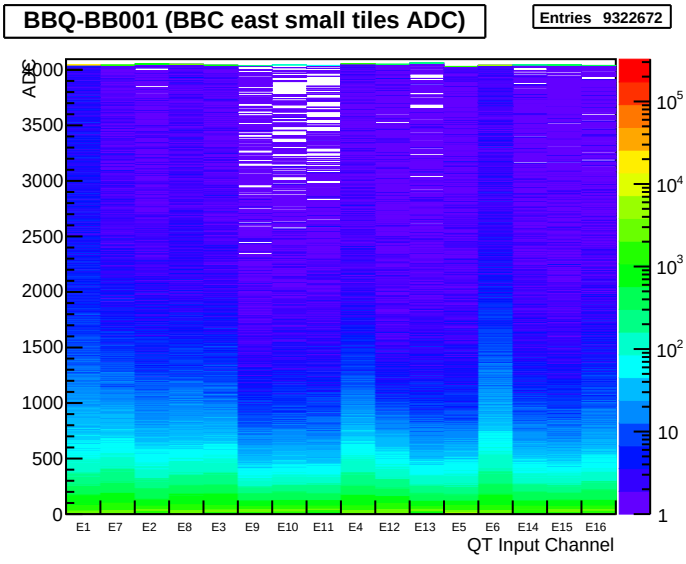

MIX-TF101
Entries 362430
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

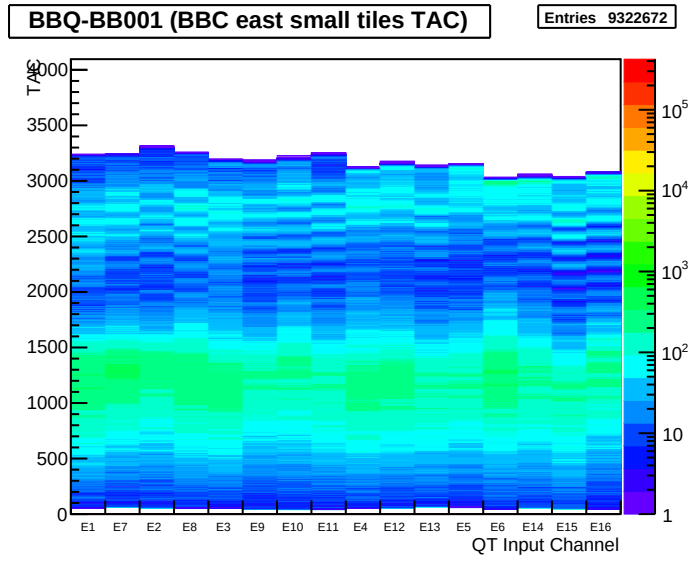

L2-TF201
Entries 582667
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

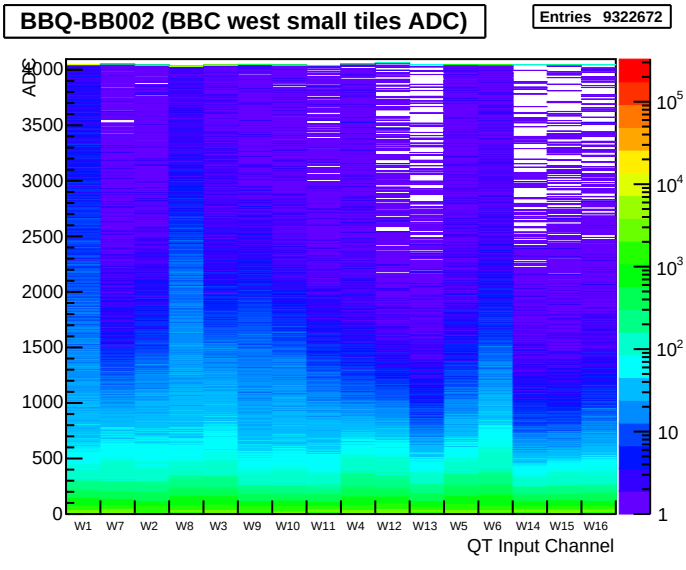

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

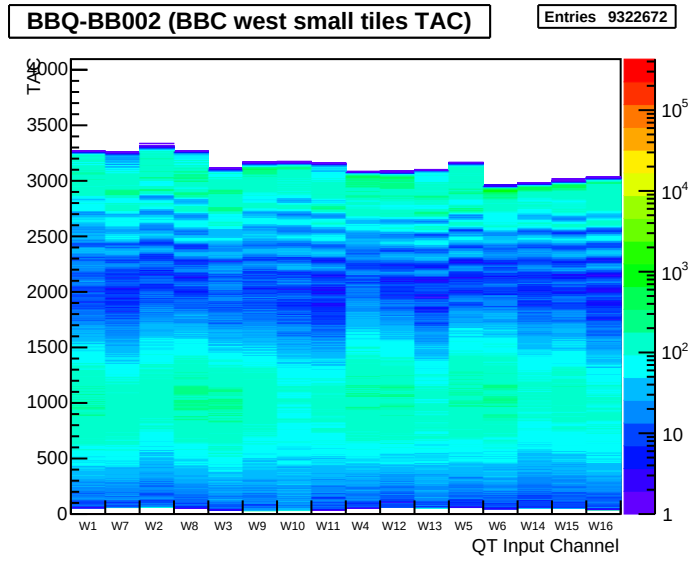

L2-TF201
Entries 4078669
Threshold/UPC bits
1
0
509266
515496
511043
515730
513261
504825
557577
73401
67171
71624
66937
69406
77842
25090
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

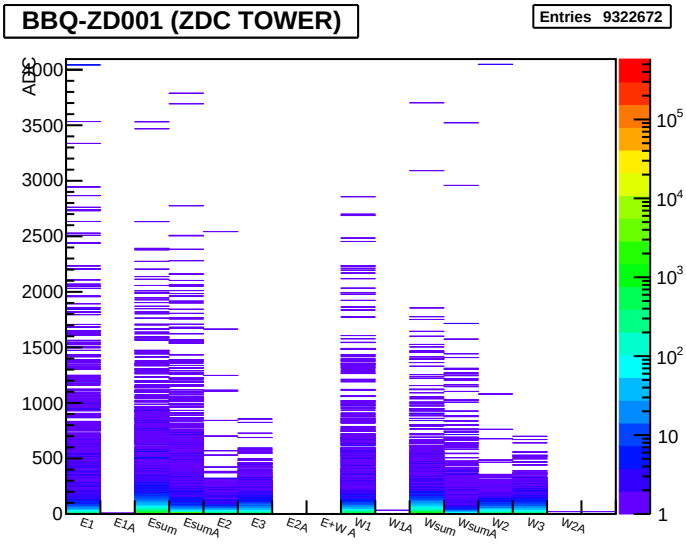

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

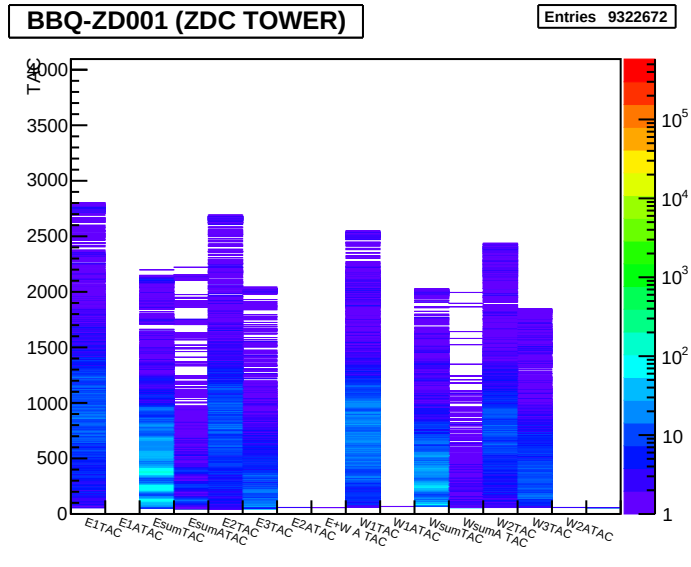

BBQ-BB001 (BBC east small tiles ADC)
Entries 9322672
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

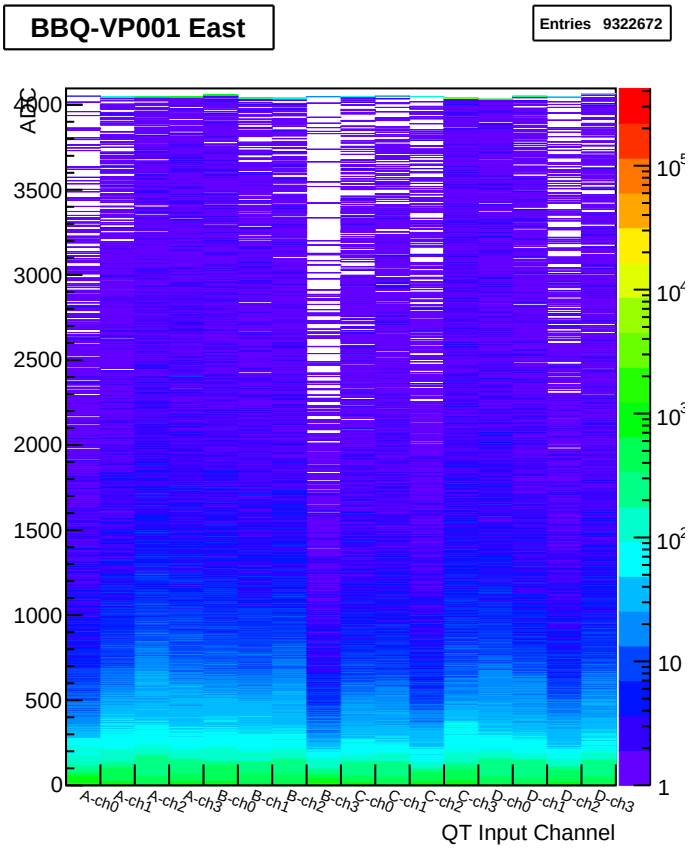

BBQ-BB001 (BBC east small tiles TAC)
Entries 9322672
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

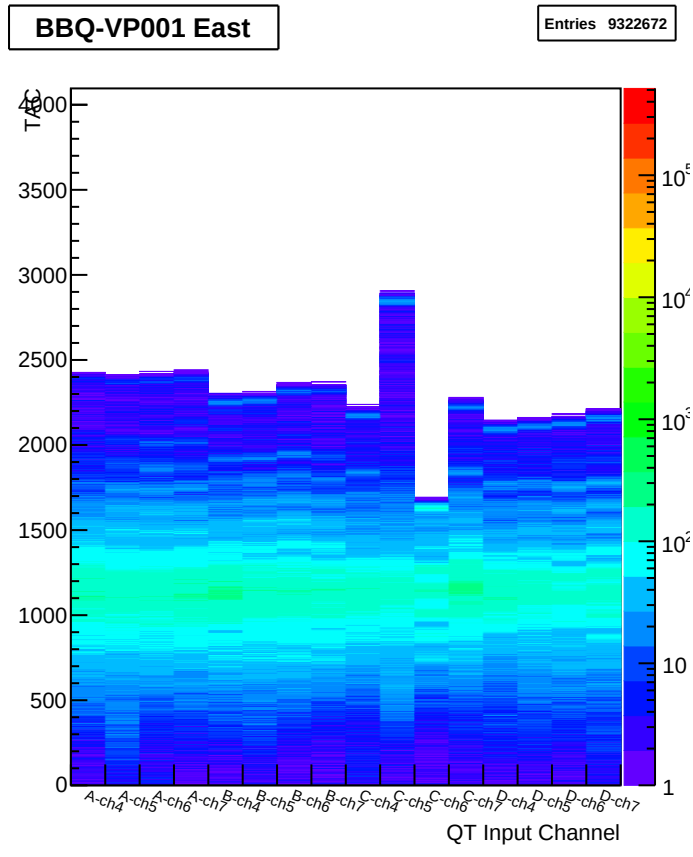

BBQ-BB002 (BBC west small tiles ADC)
Entries 9322672
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

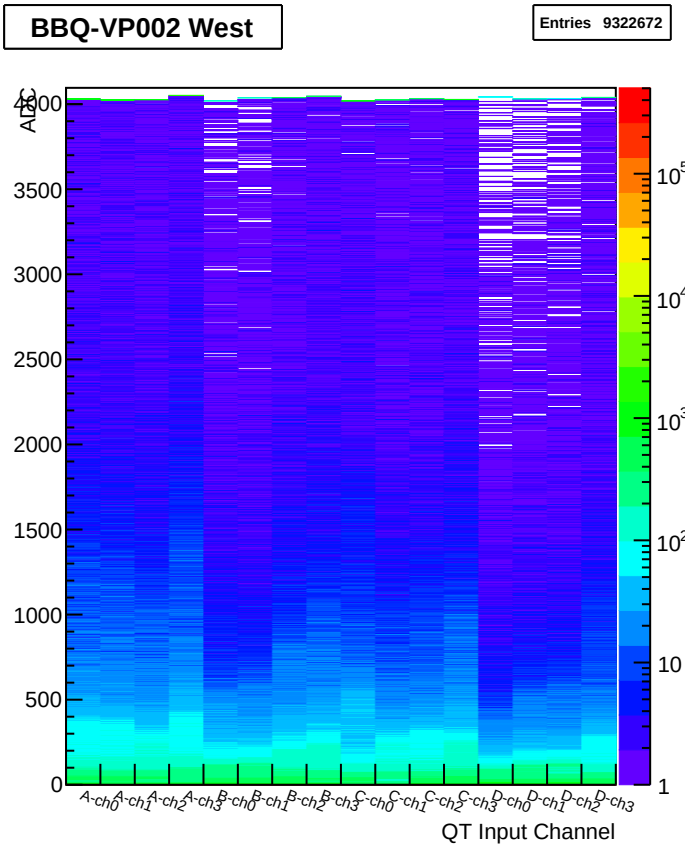

BBQ-BB002 (BBC west small tiles TAC)
Entries 9322672
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

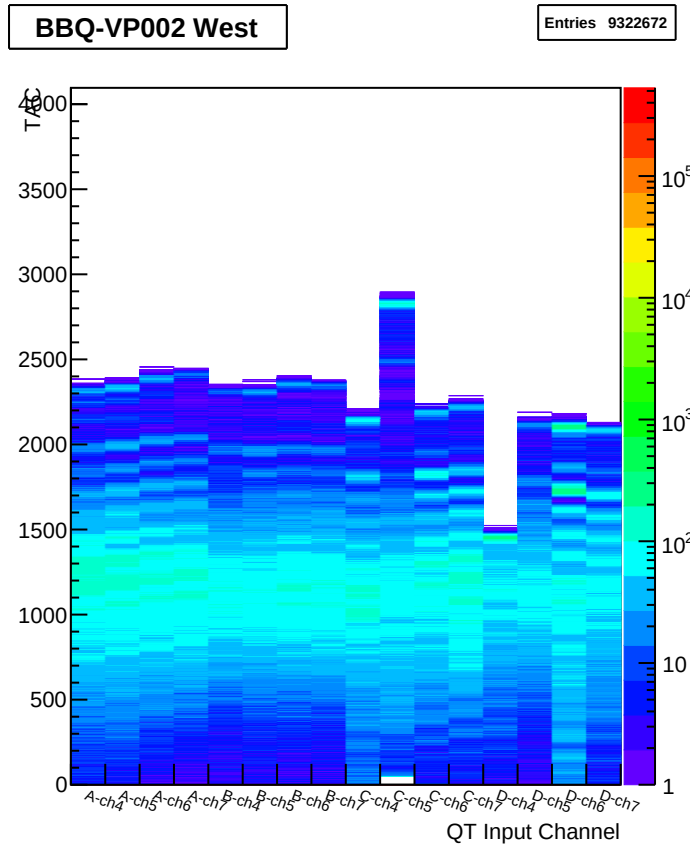

BBQ-ZD001 (ZDC TOWER)
Entries 9322672
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

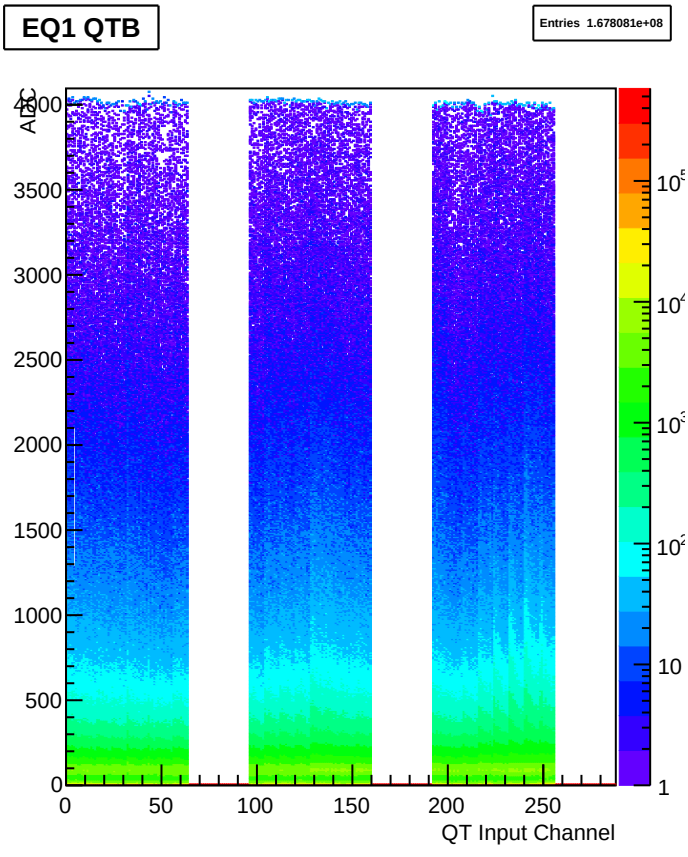

BBQ-ZD001 (ZDC TOWER)
Entries 9322672
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

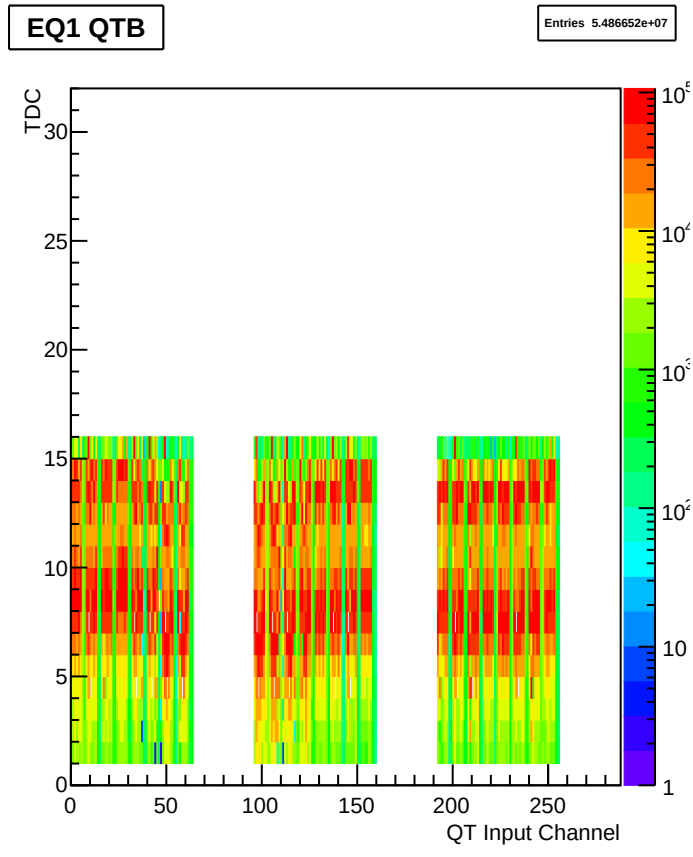

BBQ-VP001 East
Entries 9322672
ADC
QT Input Channel

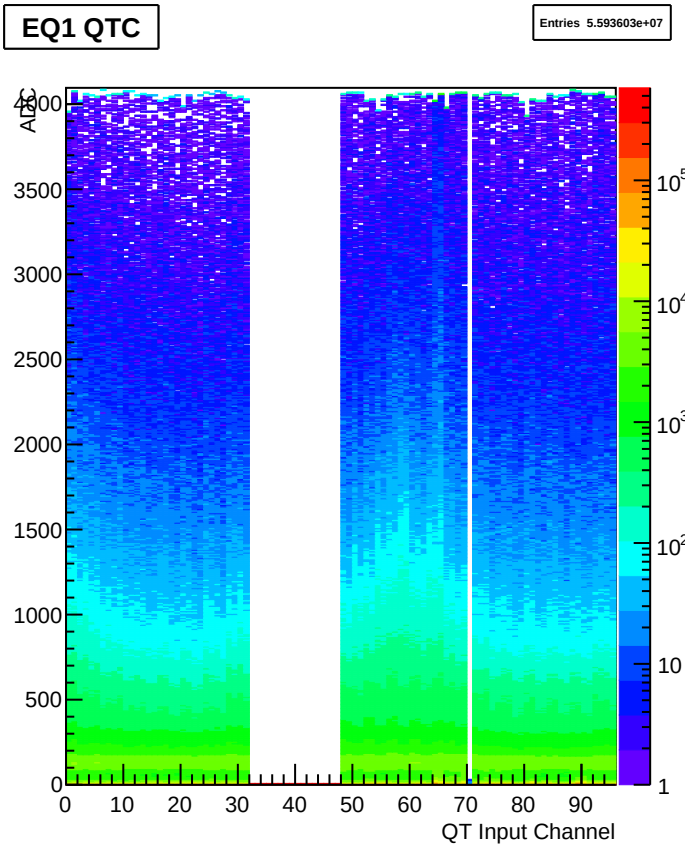

BBQ-VP001 East
Entries 9322672
ADC
QT Input Channel

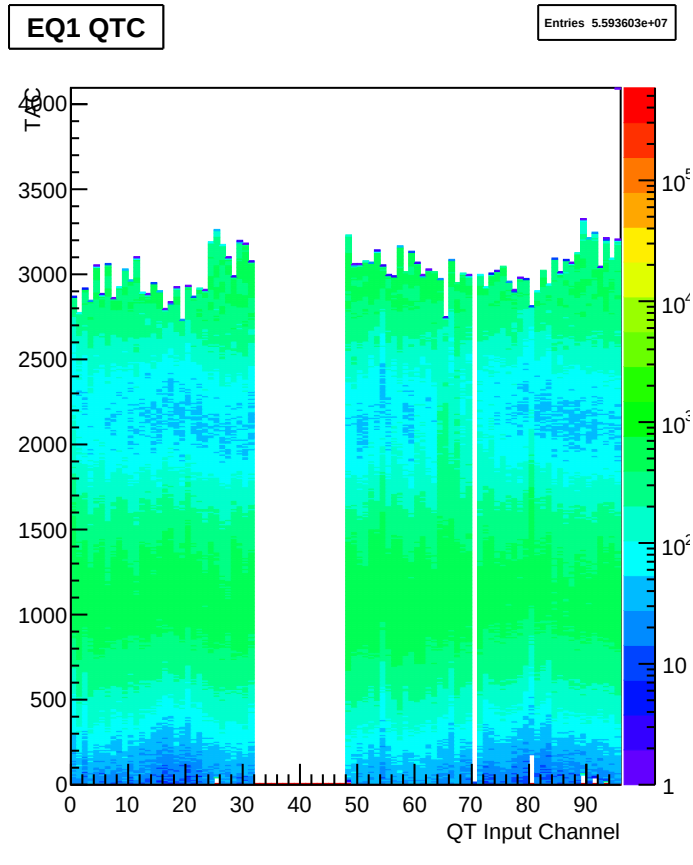

BBQ-VP002 West
Entries 9322672
ADC
QT Input Channel

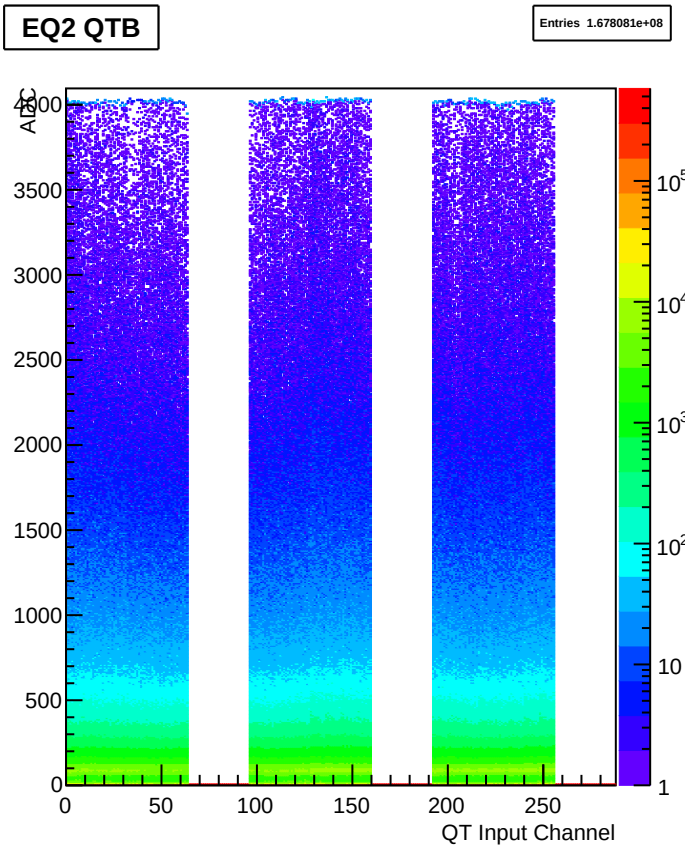

BBQ-VP002 West
Entries 9322672
ADC
QT Input Channel

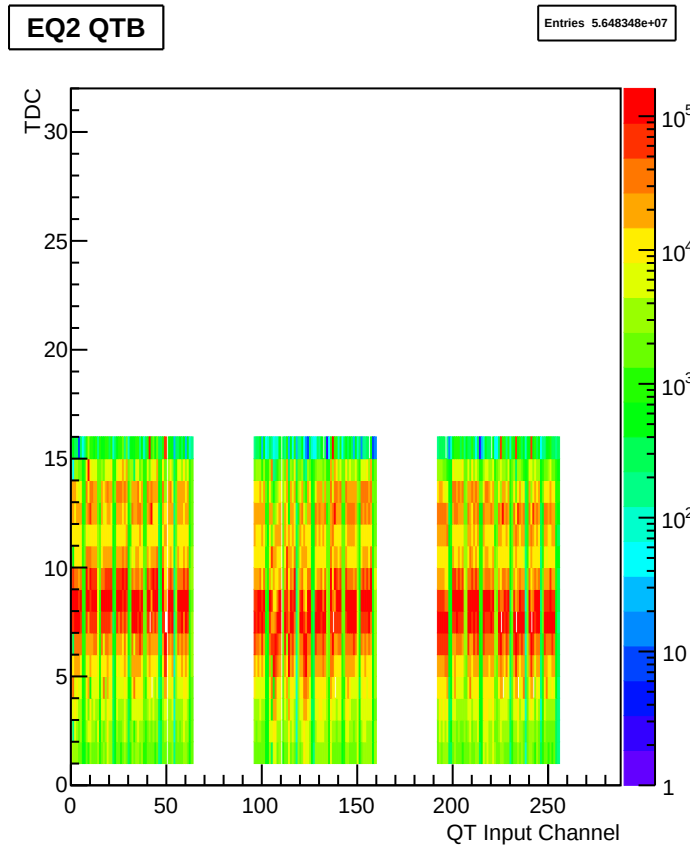

EQ1 QTB
Entries 1.678081e+08
ADC
QT Input Channel

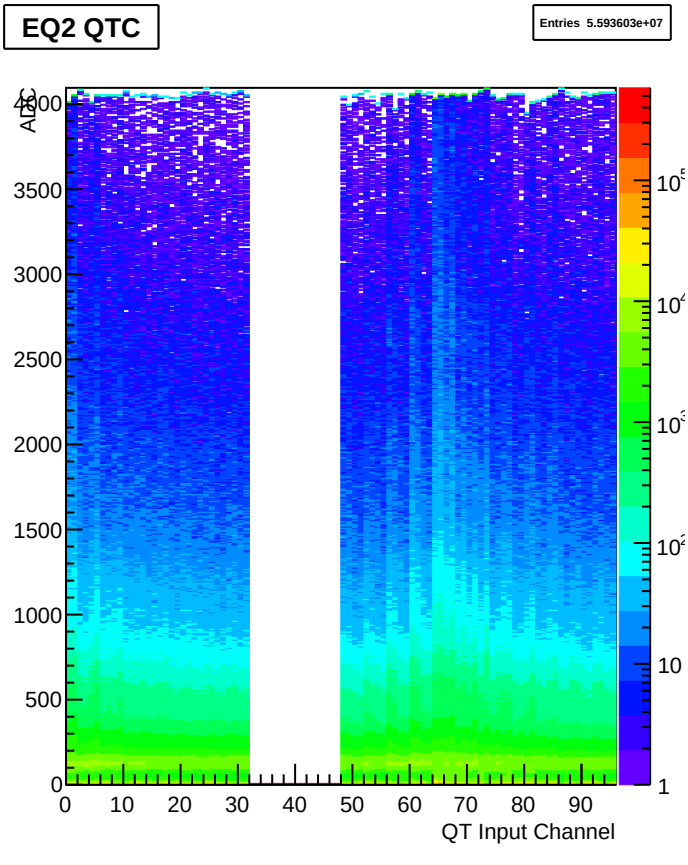

EQ1 QTB
Entries 5.486652e+07
TDC
QT Input Channel

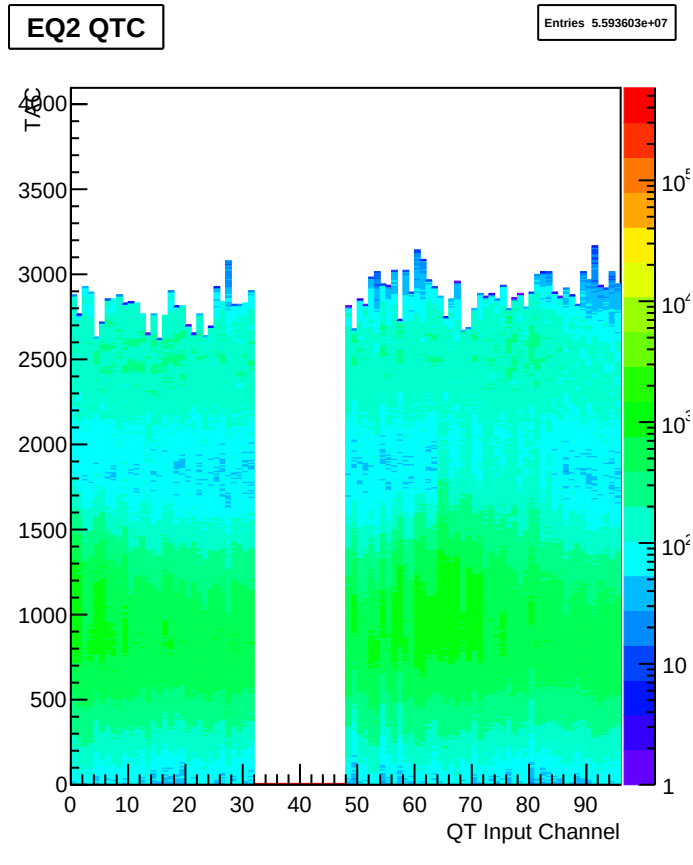

EQ1 QTC
Entries 5.593603e+07
ADC
QT Input Channel

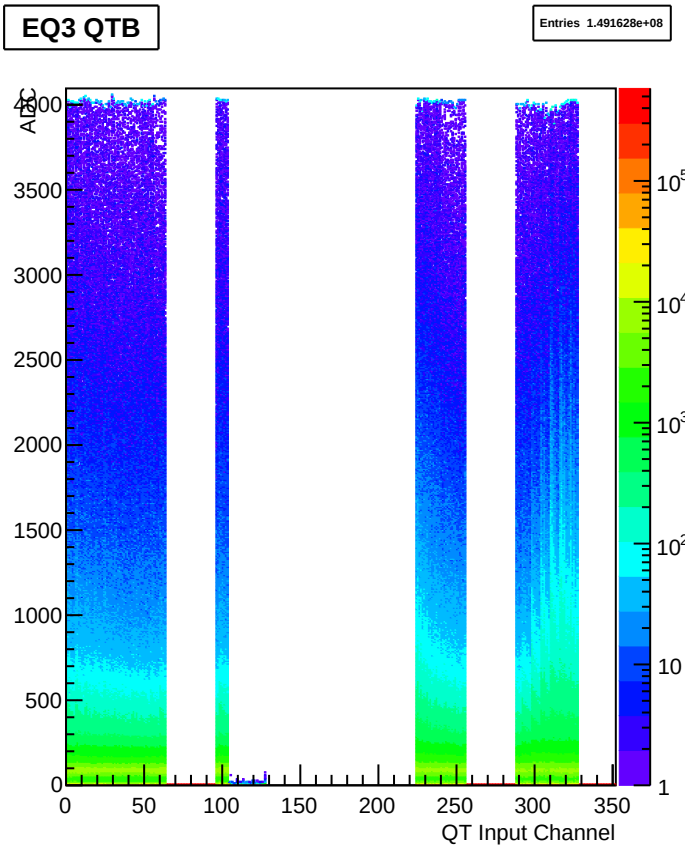

EQ1 QTC
Entries 5.593603e+07
TADC
QT Input Channel

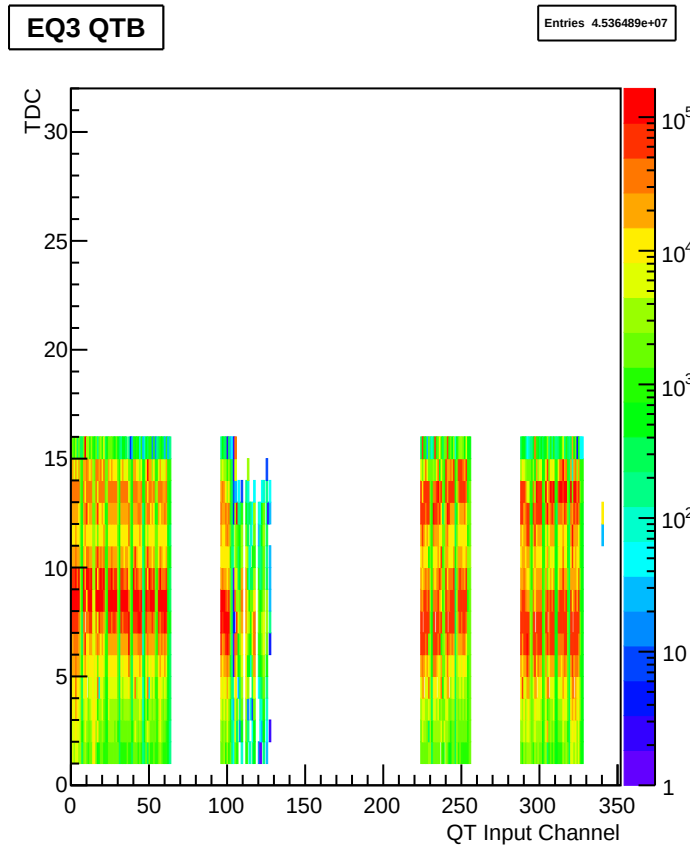

EQ2 QTB
Entries 1.678081e+08
ADC
QT Input Channel

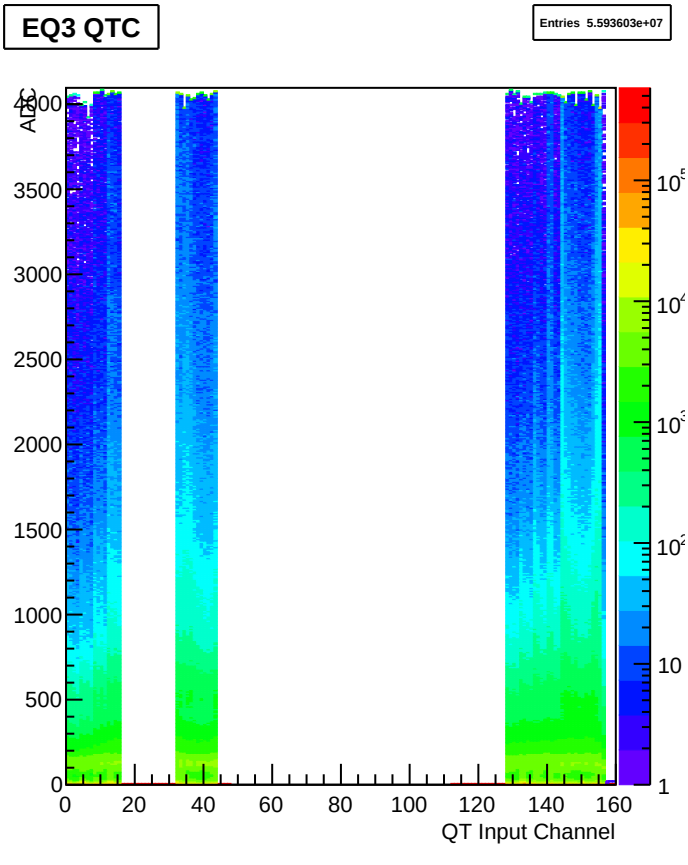

EQ2 QTB
Entries 5.648348e+07
TDC
QT Input Channel


EQ2 QTC
Entries 5.593603e+07
ADC
QT Input Channel


EQ2 QTC
Entries 5.593603e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.491628e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.536489e+07
TDC
QT Input Channel


EQ3 QTC
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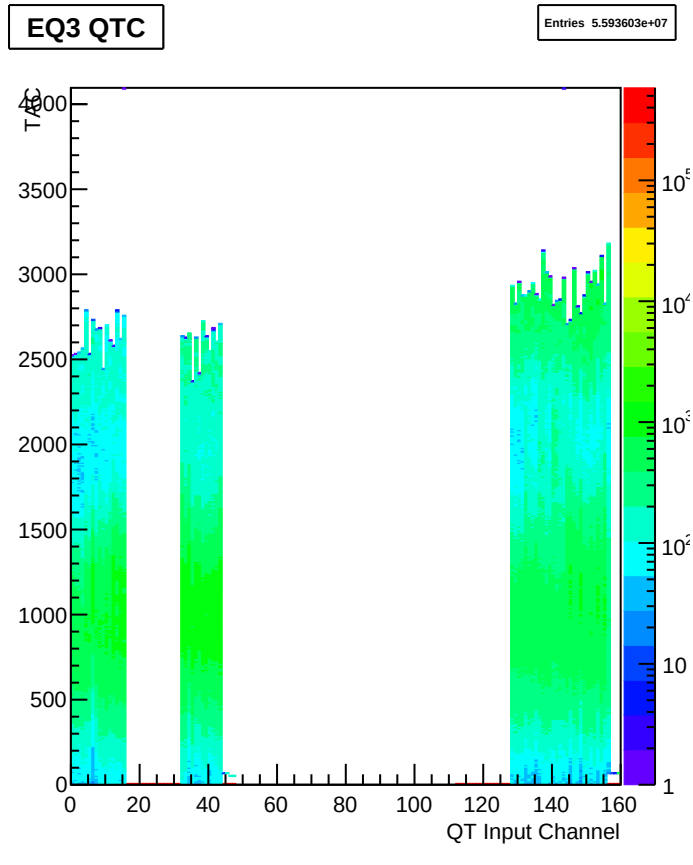
ADC
QT Input Channel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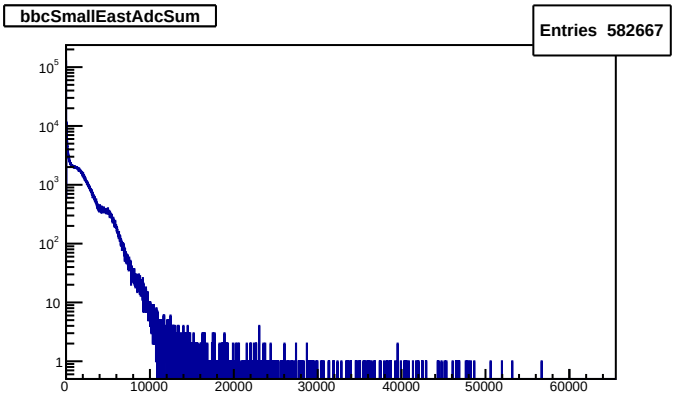
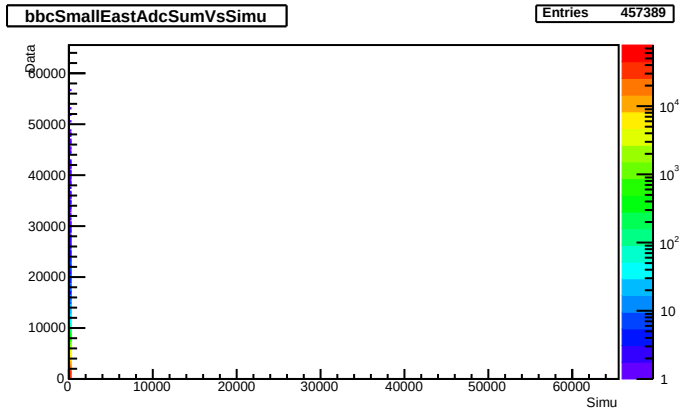
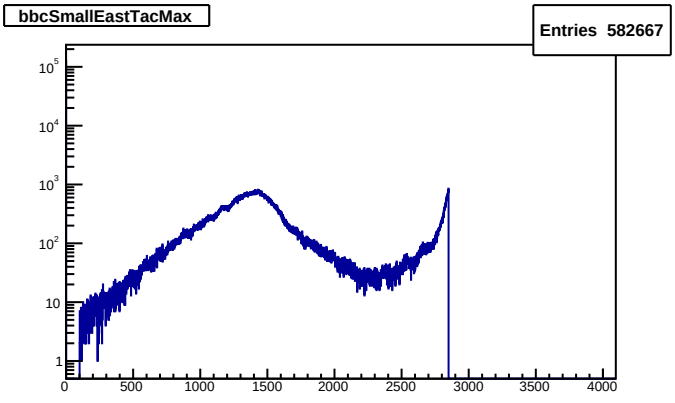
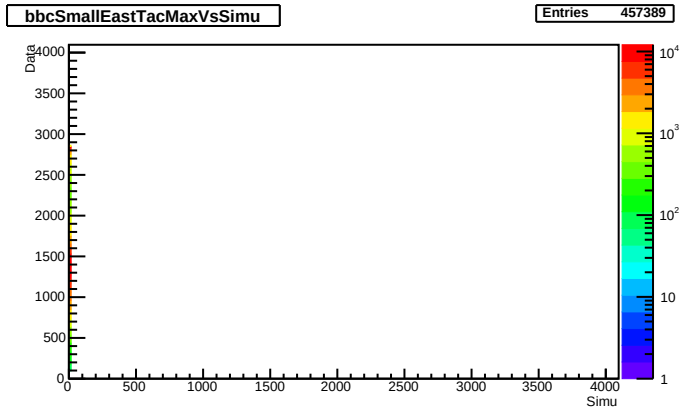
QT Input Channel


bbcSmallEastAdcSum
Entries 582667


bbcSmallEastAdcSumVsSimu
Entries 457389
Data
Simu


bbcSmallEastTacMax
Entries 582667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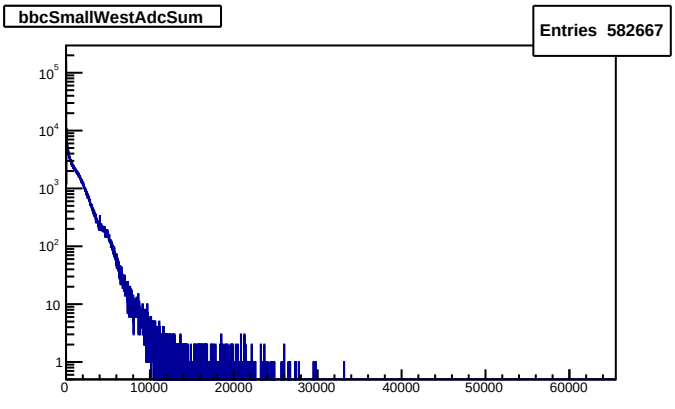
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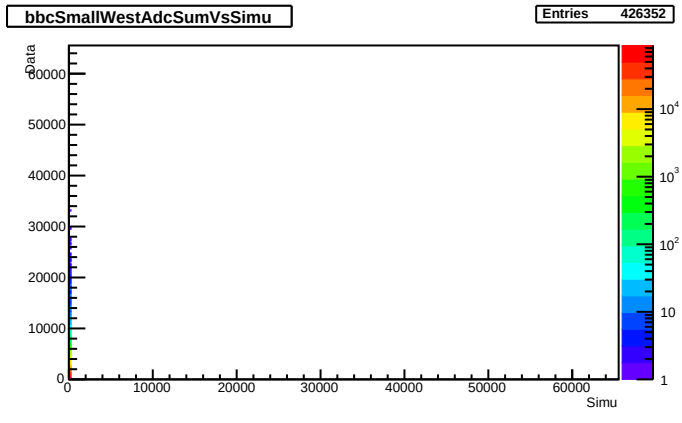
Entries 582667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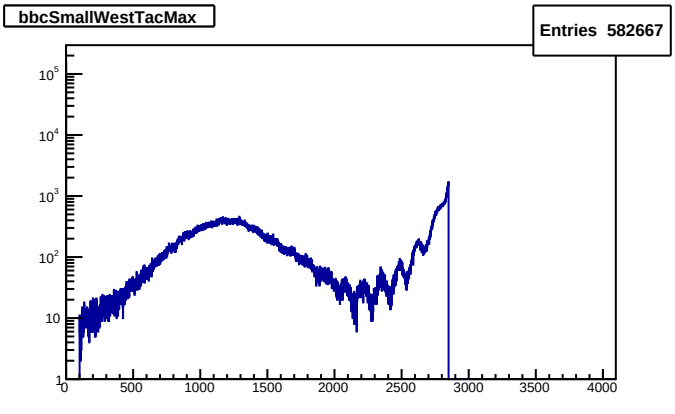
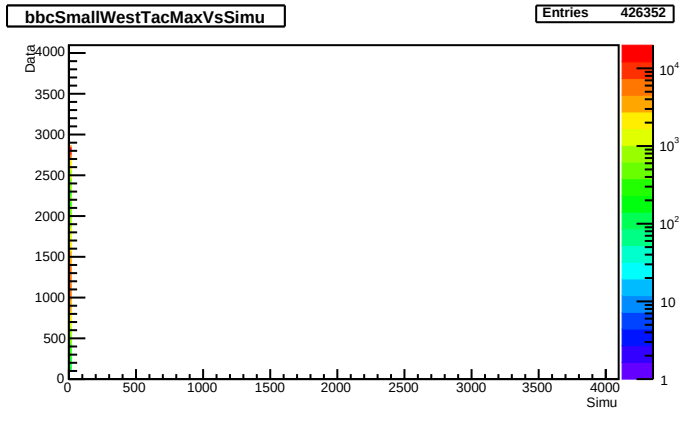
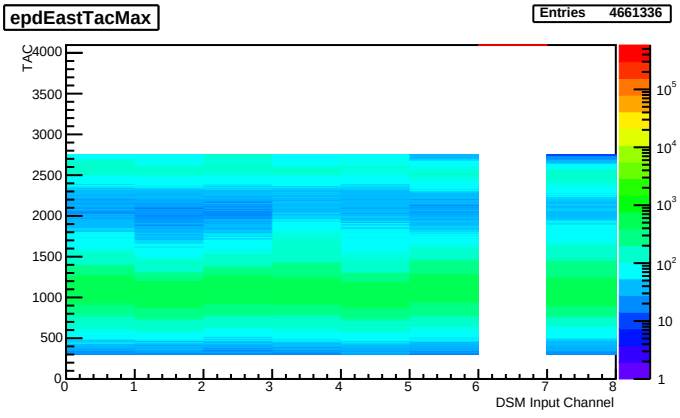
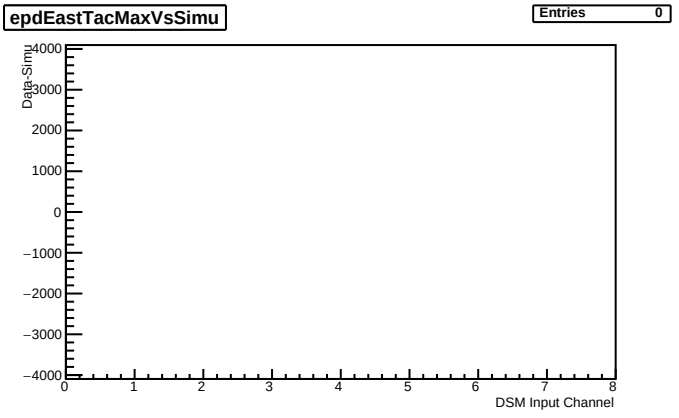
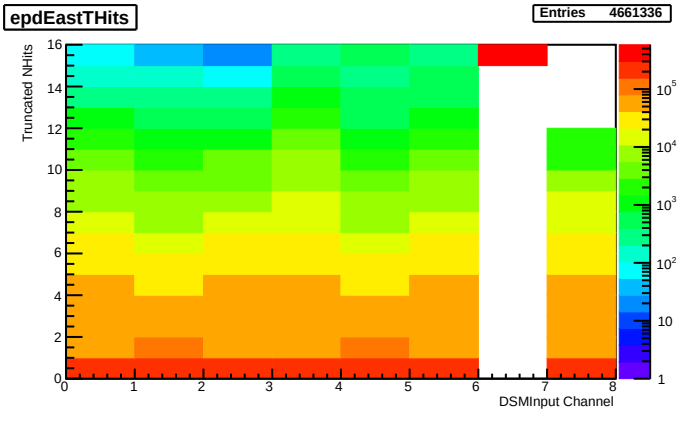
Entries 426352
Data
Simu

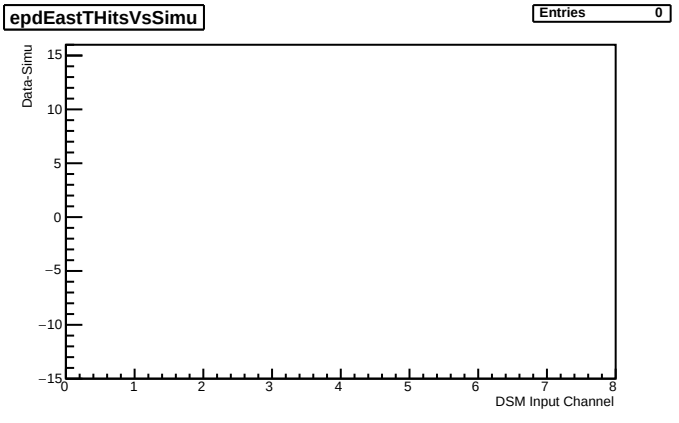

bbcSmallWestTacMax
Entries 582667


bbcSmallWestTacMaxVsSimu
Entries 426352
Data
Simu


epdEastTacMax
Entries 4661336
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4661336
Truncated NHits
DSMInput Channel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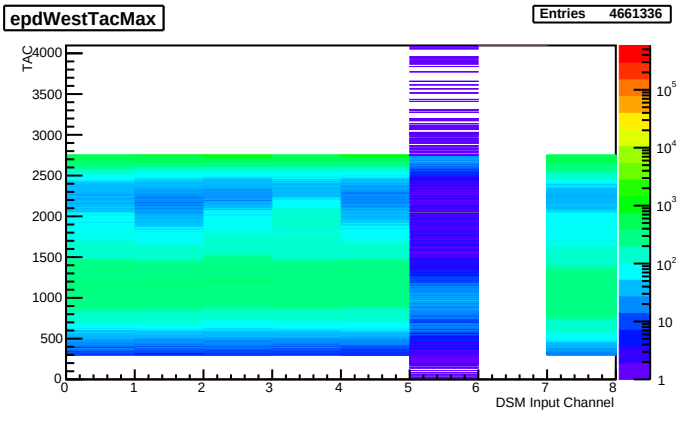
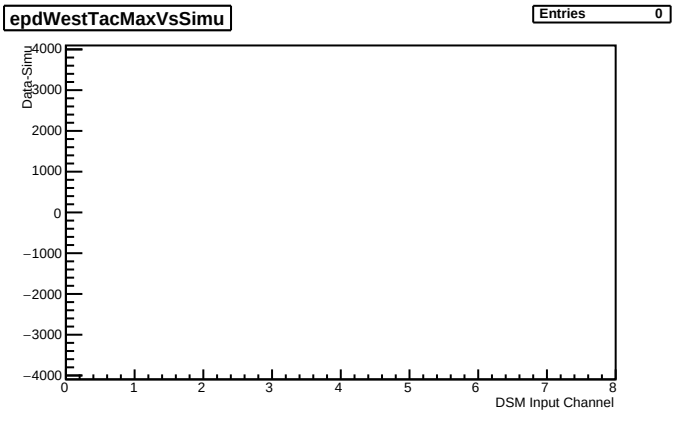
DSM Input Channel


epdWestTacMax
Entries 4661336
TAC
DSM Input Channel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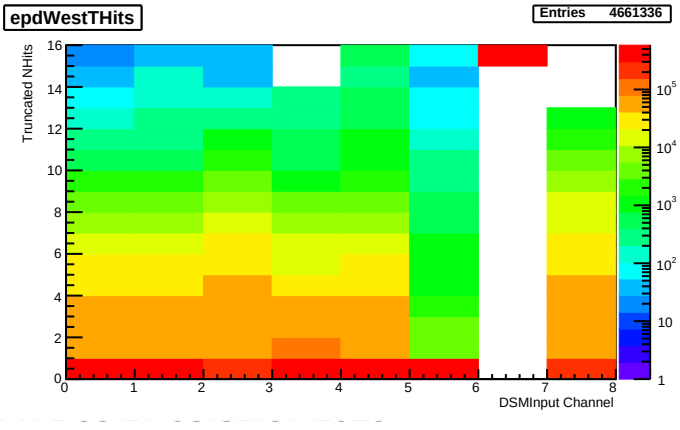
Data-Simu
DSM Input Channel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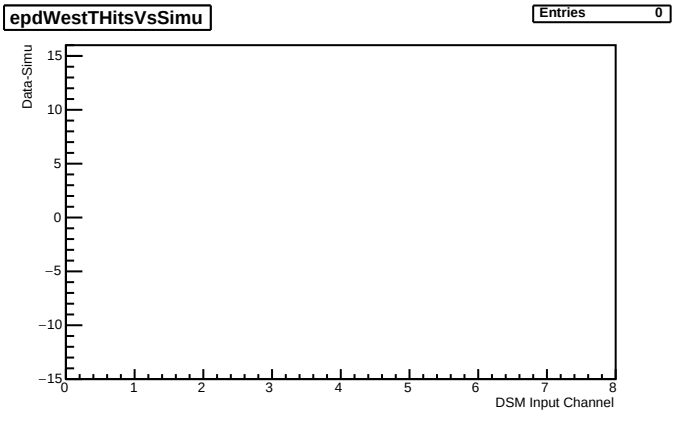
Entries 4661336
Truncated NHits
DSMInput Channel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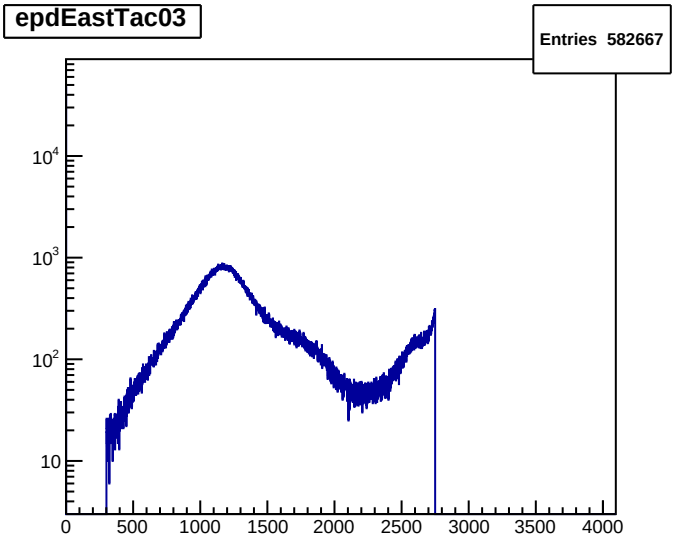
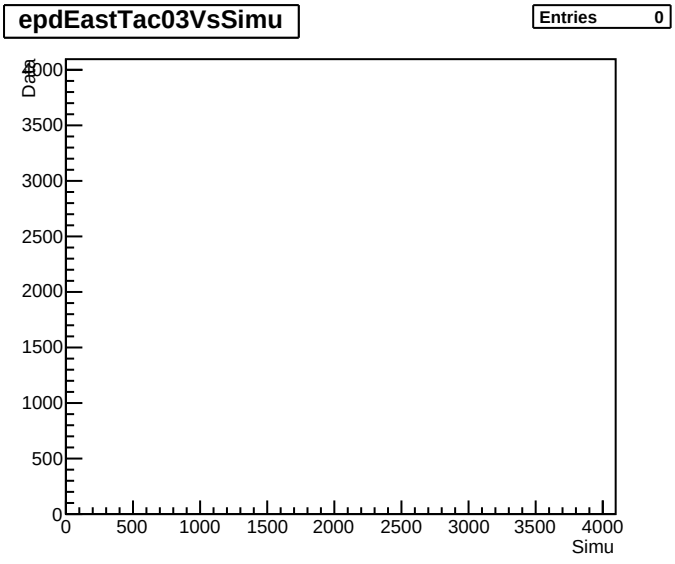
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 582667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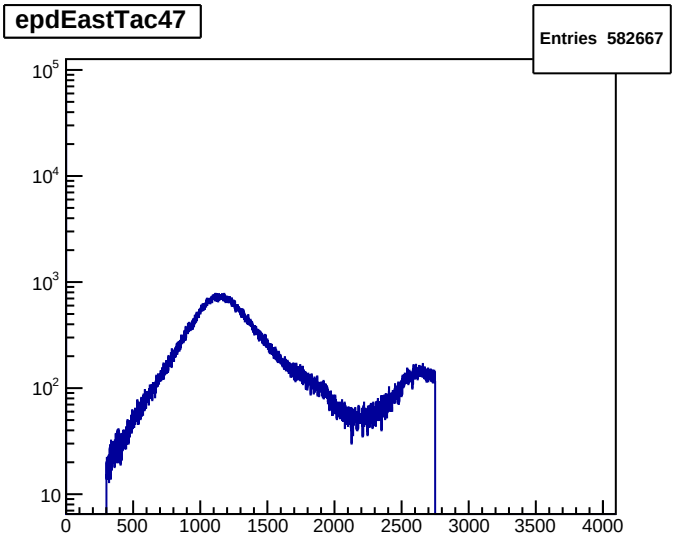
Entries 0
Data
Simu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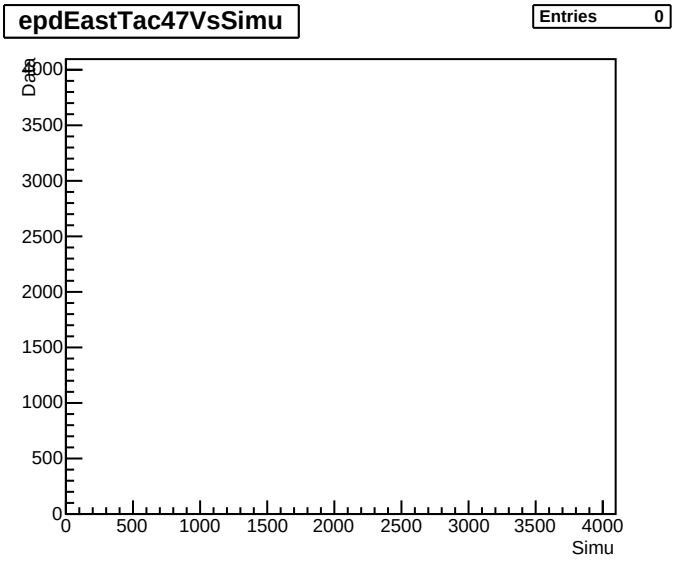
Entries 582667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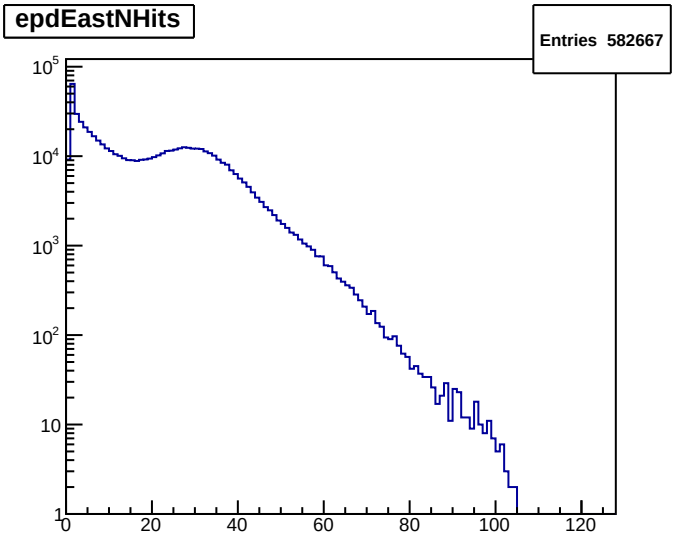
Entries 0
Data
Simu


epdEastNHits
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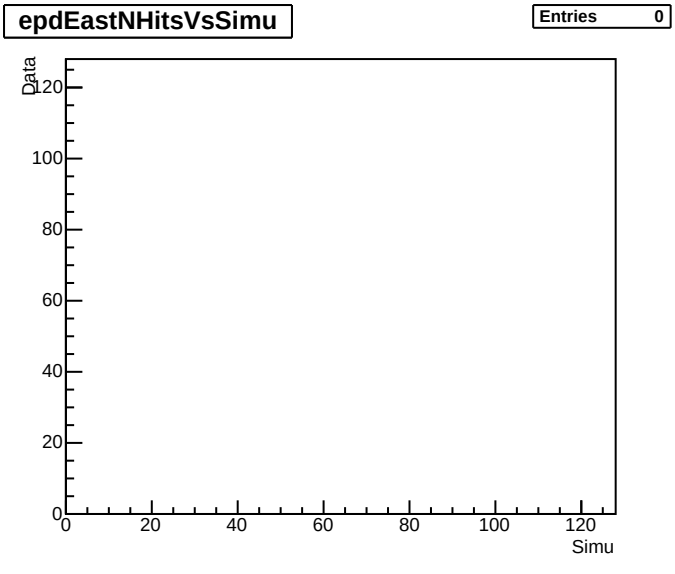
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Data
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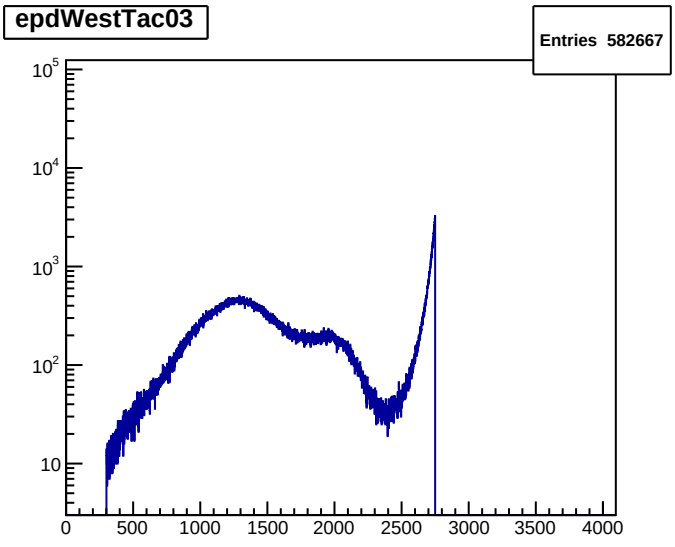
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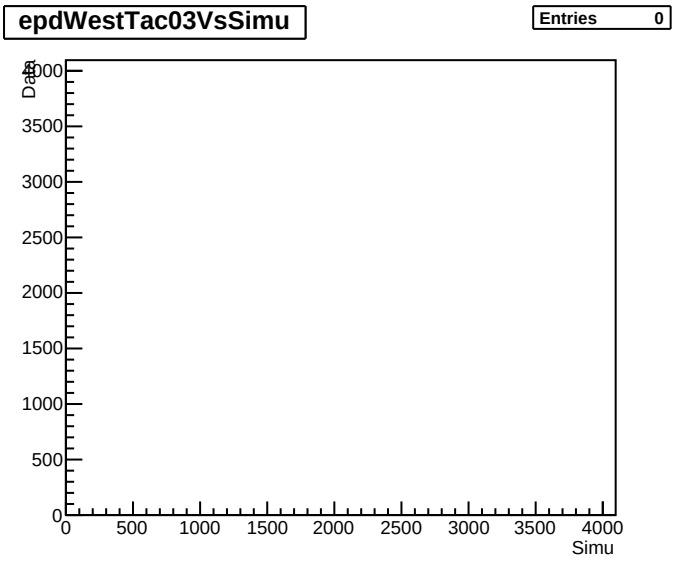
Entries 582667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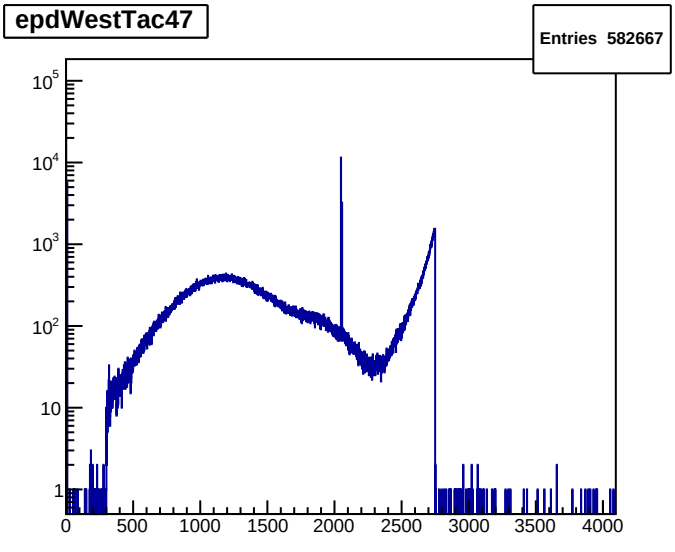
Entries 0
Data
Simu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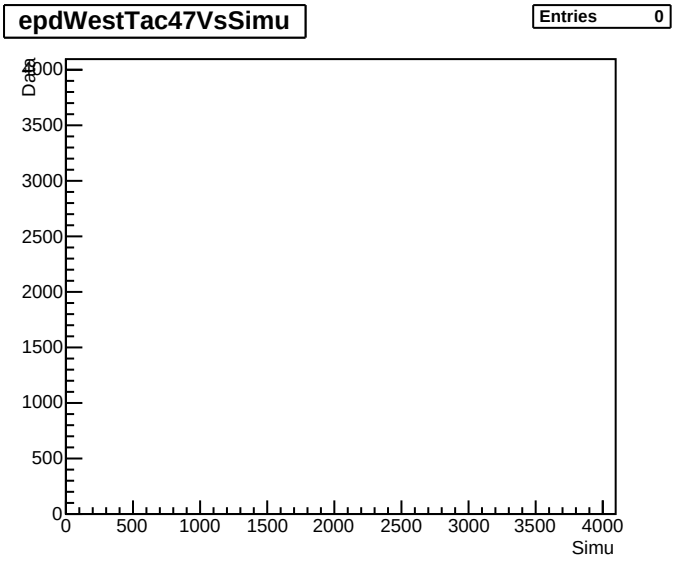
Entries 582667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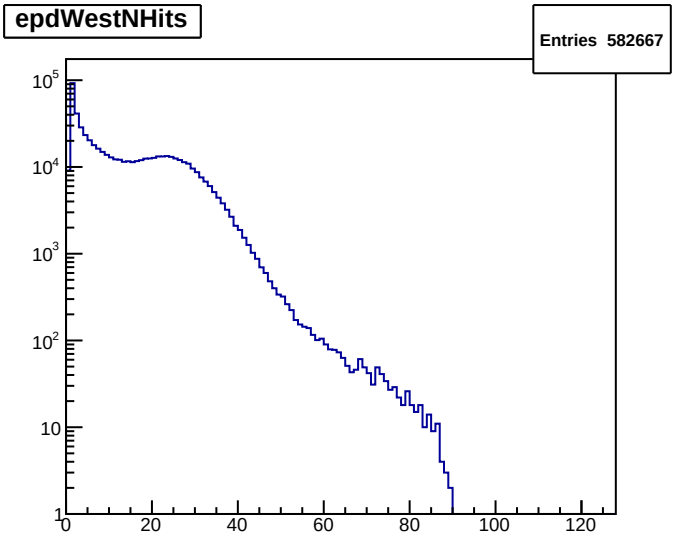
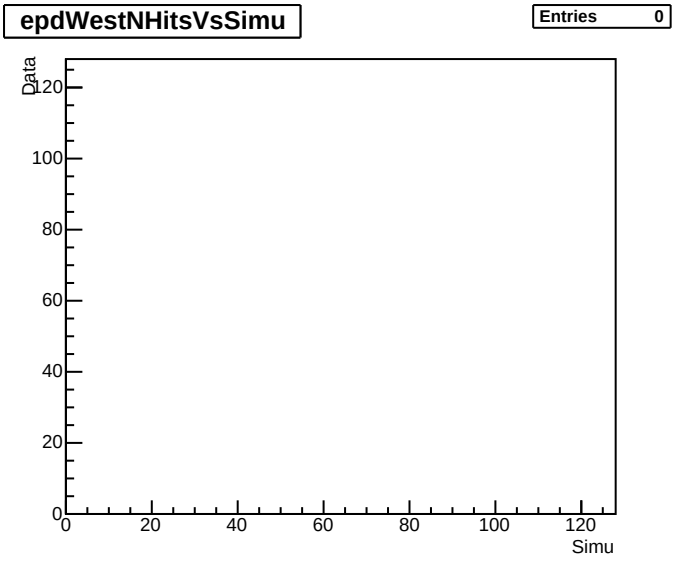
Entries 0
Data
Simu


epdWestNHits
Entries 582667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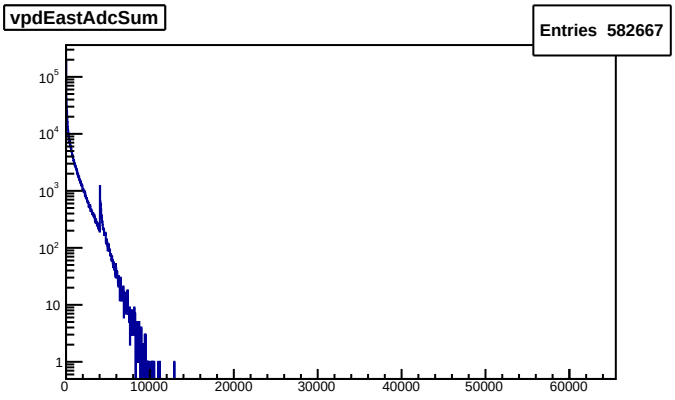
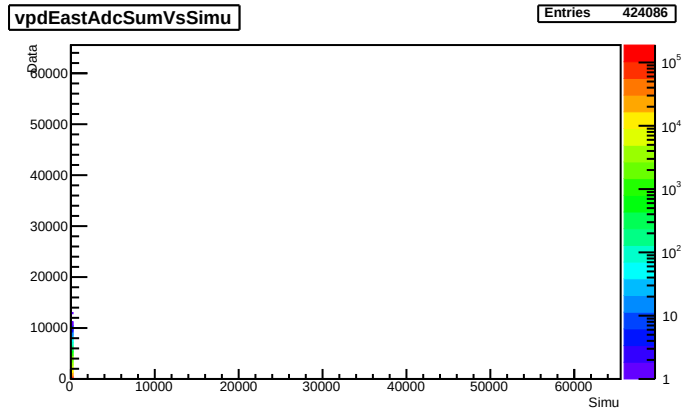
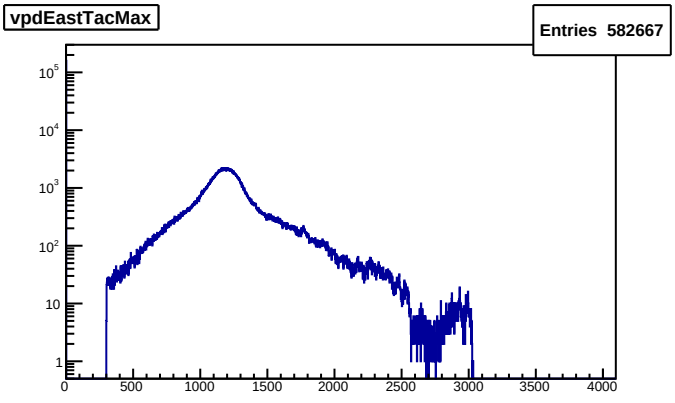
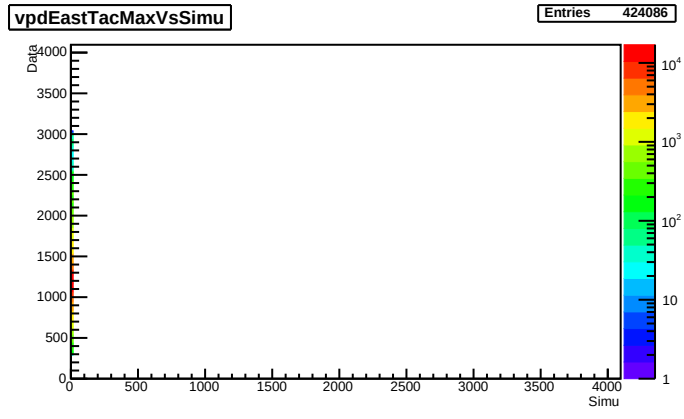
Entries 0
Data
Simu


vpdEastAdcSum
Entries 582667


vpdEastAdcSumVsSimu
Entries 424086
Data
Simu


vpdEastTacMax
Entries 582667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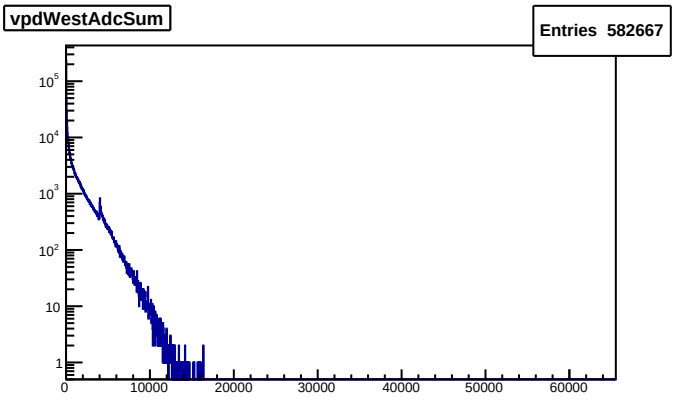
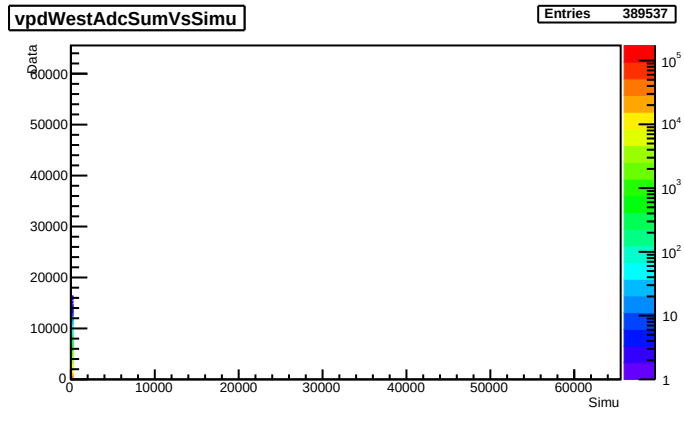
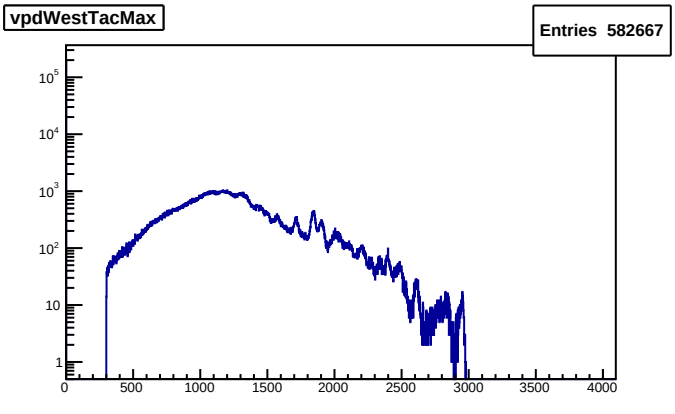
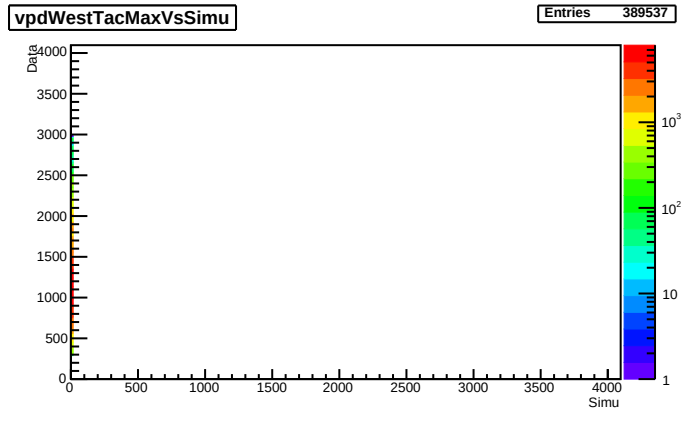
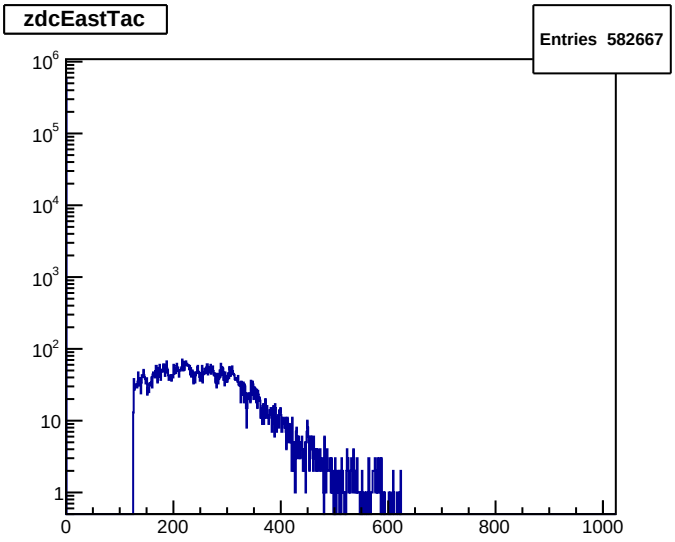
Entries 424086
Data
Simu

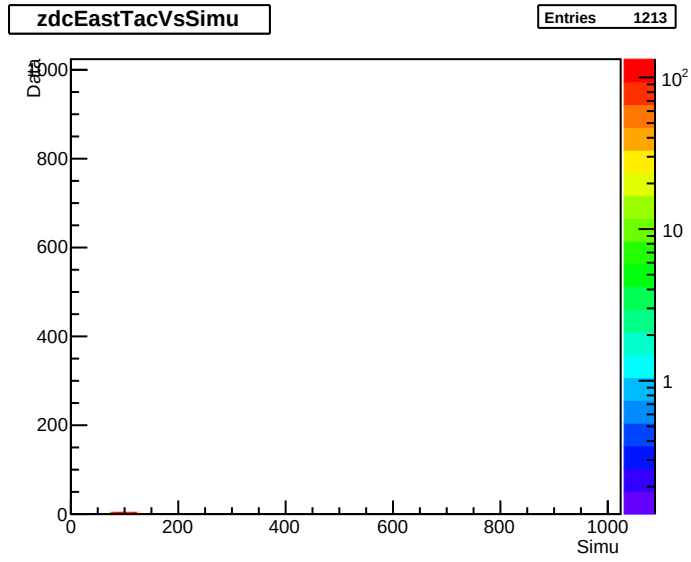

vpdWestAdcSum
Entries 582667

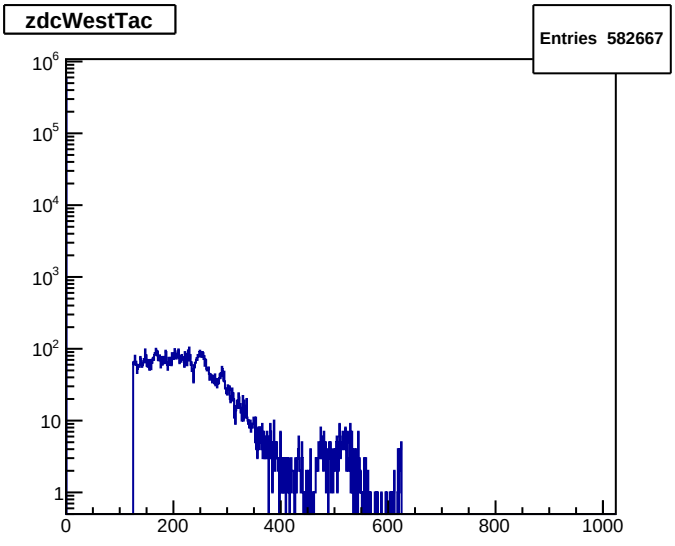

vpdWestAdcSumVsSimu
Entries 389537
Data
Simu

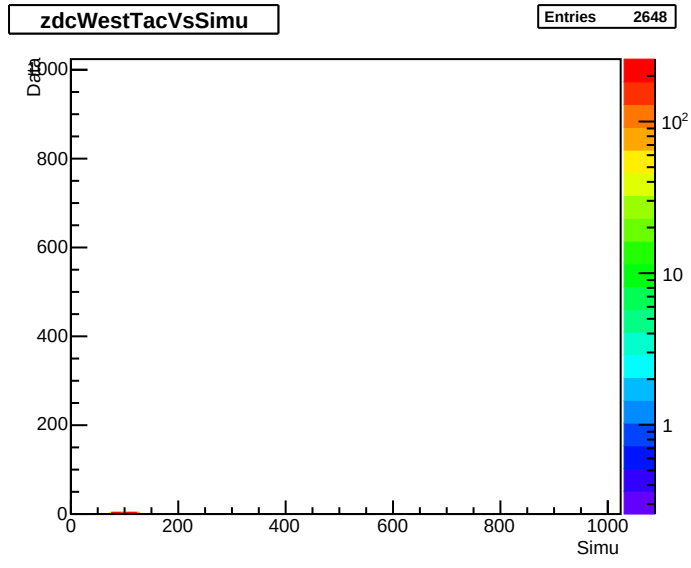

vpdWestTacMax
Entries 582667

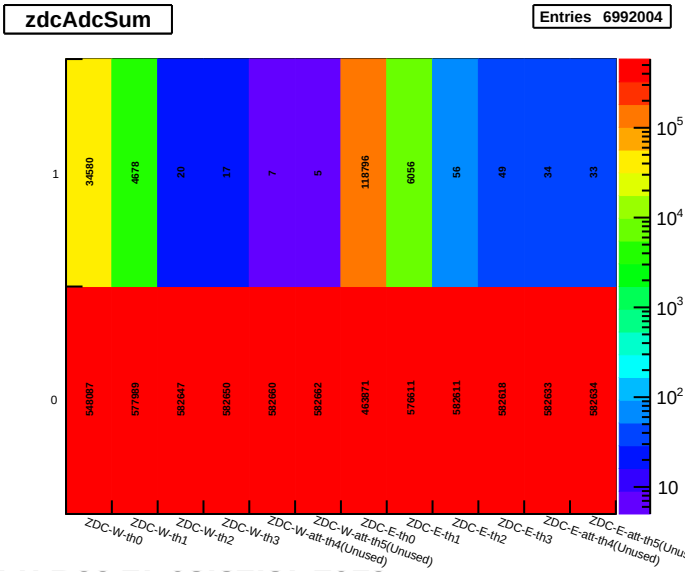

vpdWestTacMaxVsSimu
Entries 389537
Data
Simu


zdcEastTac
Entries 582667


zdcEastTacVsSimu
Entries 1213
Data
Simu


zdcWestTac
Entries 582667


zdcWestTacVsSimu
Entries 2648
Data
Simu


zdcAdcSum
Entries 6992004
34580
4678
20
17
7
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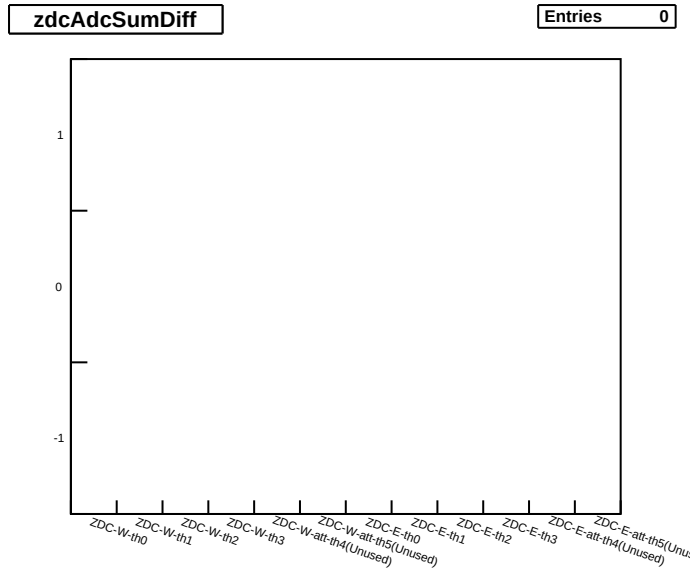
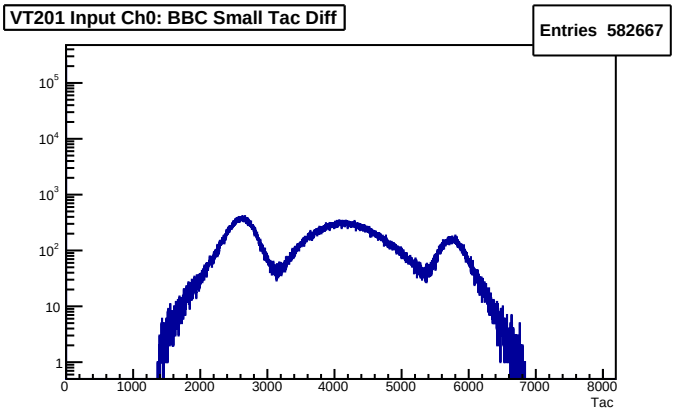
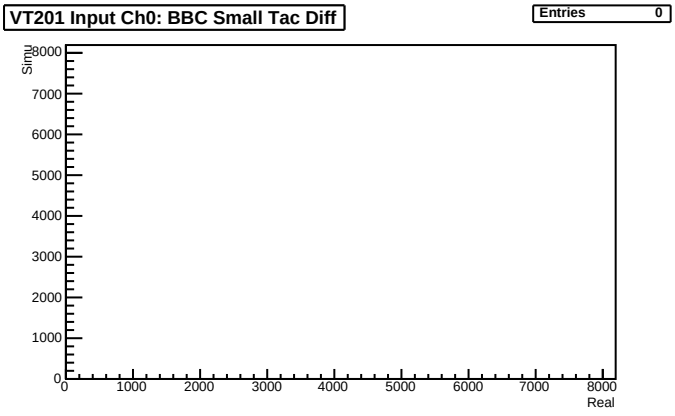
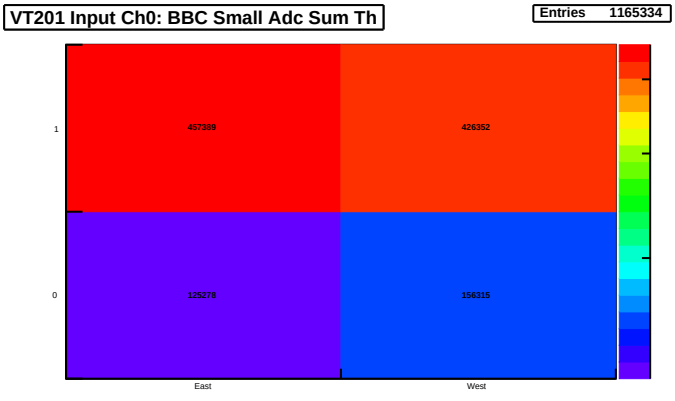
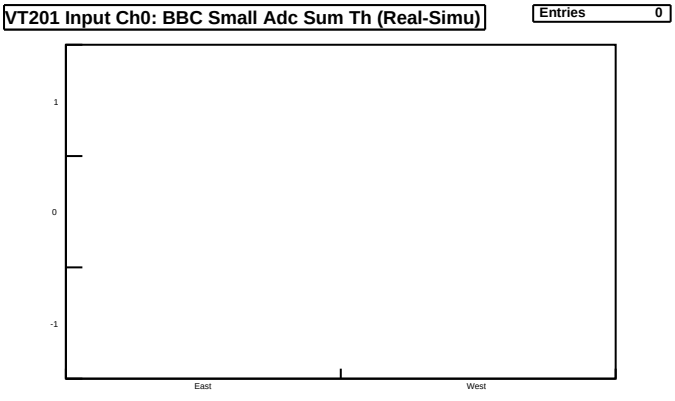
118796
6056
56
49
34
33
548087
577989
582647
582650
582660
582662
463871
576611
582611
582618
582633
582634
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

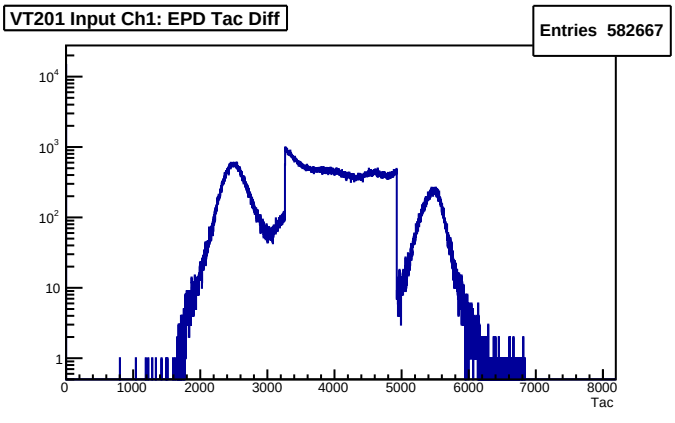

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

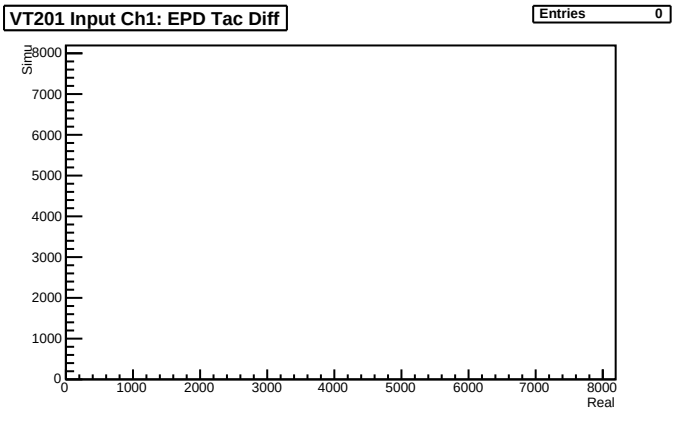

VT201 Input Ch0: BBC Small Tac Diff
Entries 582667
Tac

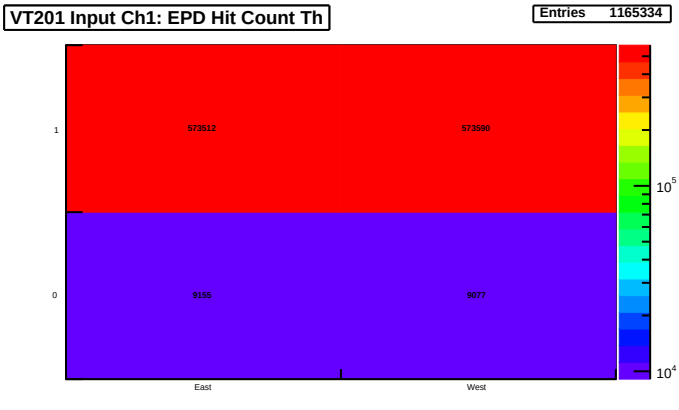

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

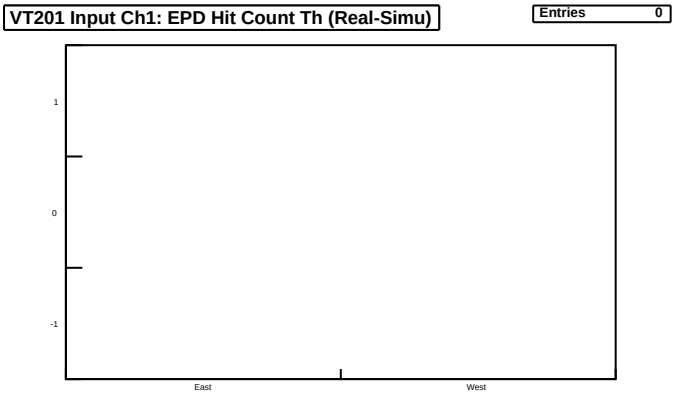

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1165334
457389
426352
125278
156315
East
West

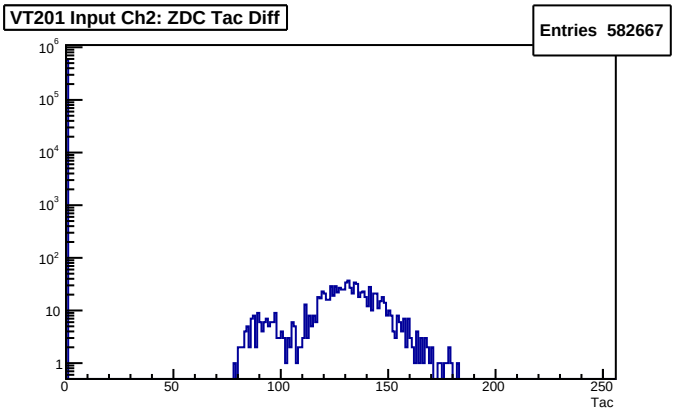

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

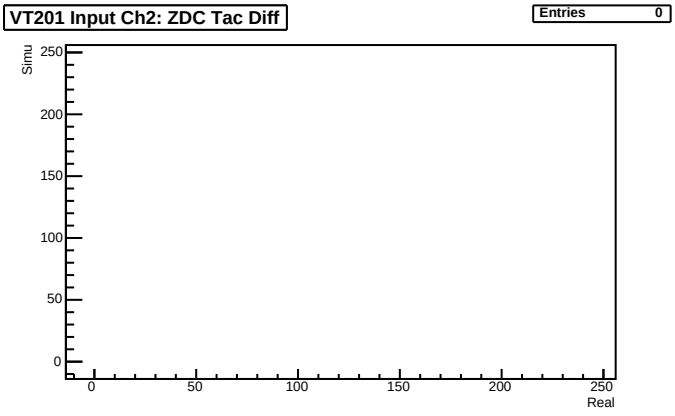

VT201 Input Ch1: EPD Tac Diff
Entries 582667
Tac

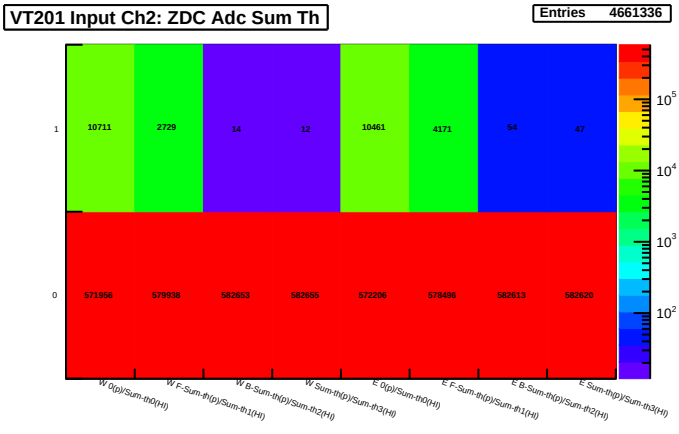

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

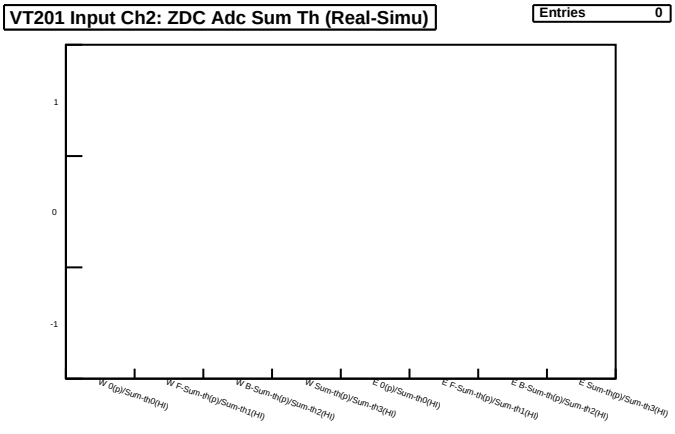

VT201 Input Ch1: EPD Hit Count Th
Entries 1165334
573512
573590
9155
9077
East
West

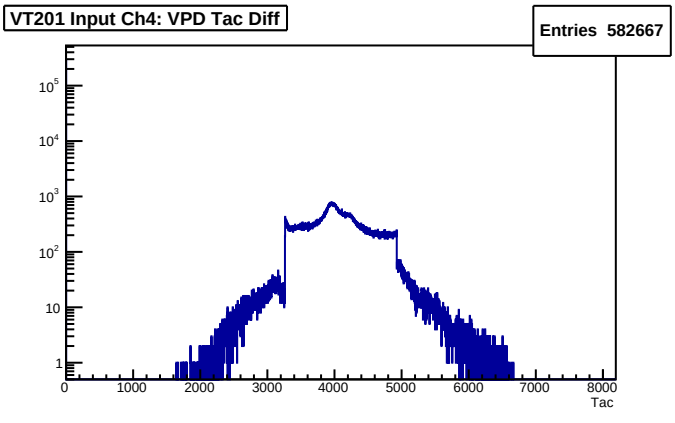

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

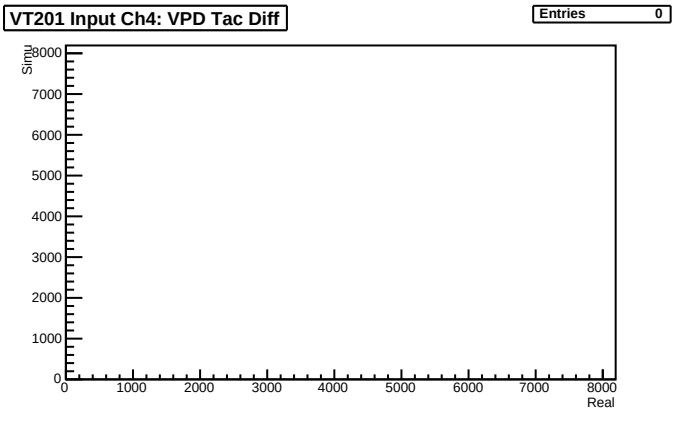

VT201 Input Ch2: ZDC Tac Diff
Entries 582667
Tac

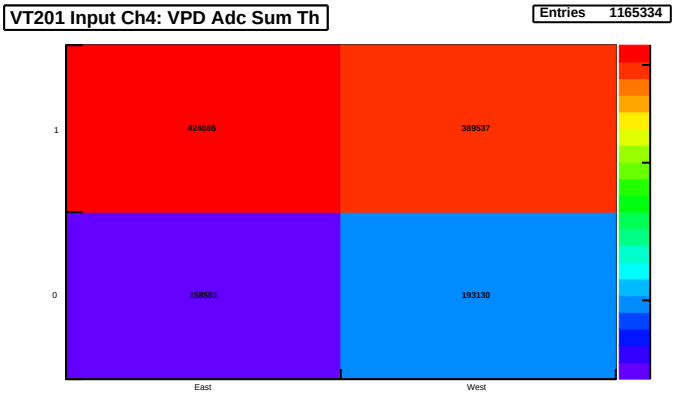

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

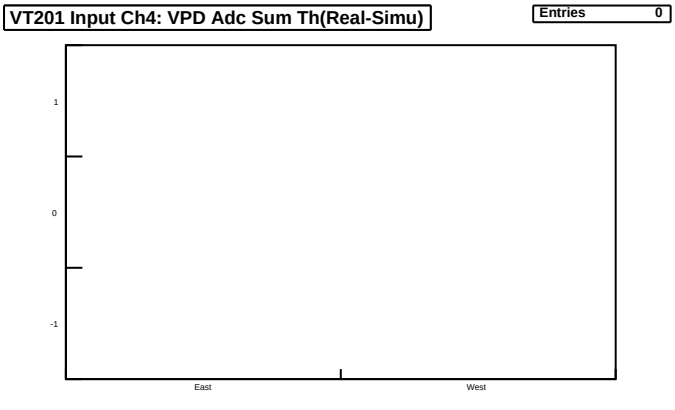

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4661336
10711
2729
14
12
10461
4171
54
47
571956
579938
582653
582655
572206
578496
582613
582620
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

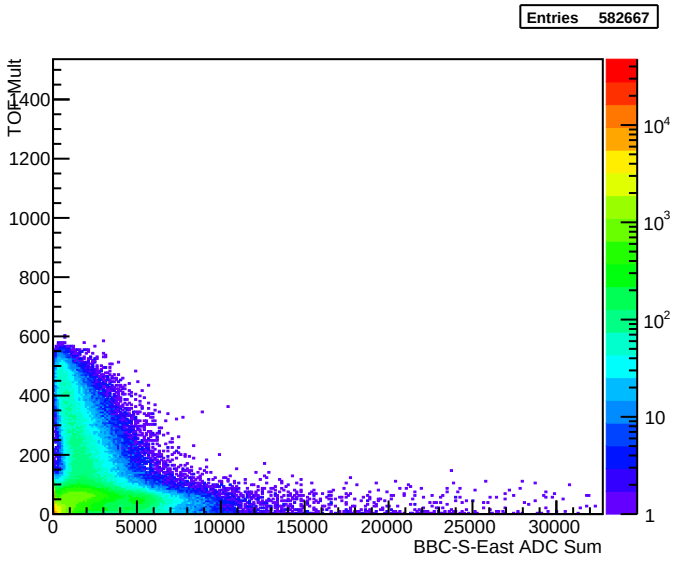

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

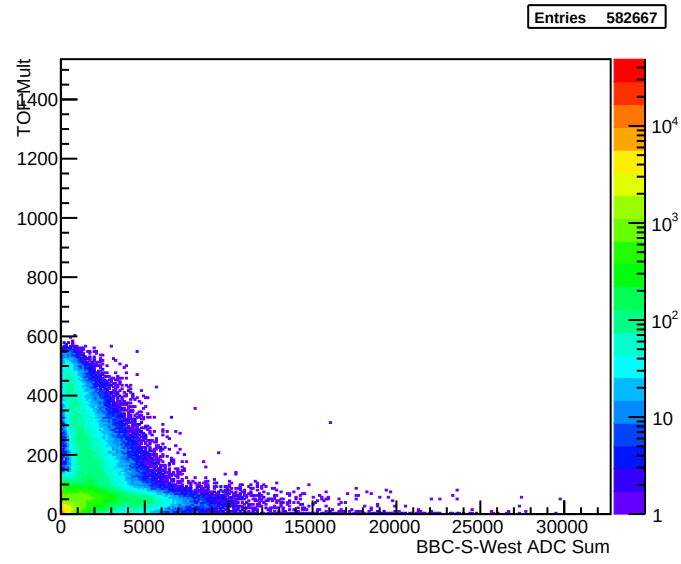

VT201 Input Ch4: VPD Tac Diff
Entries 582667
Tac

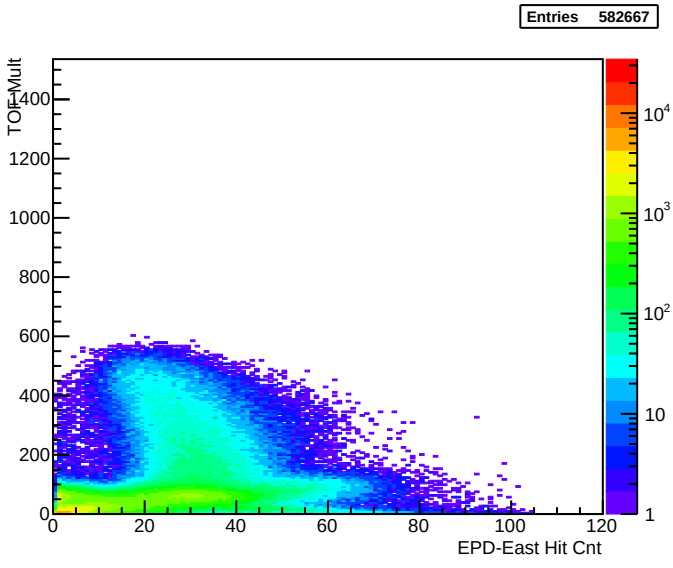

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

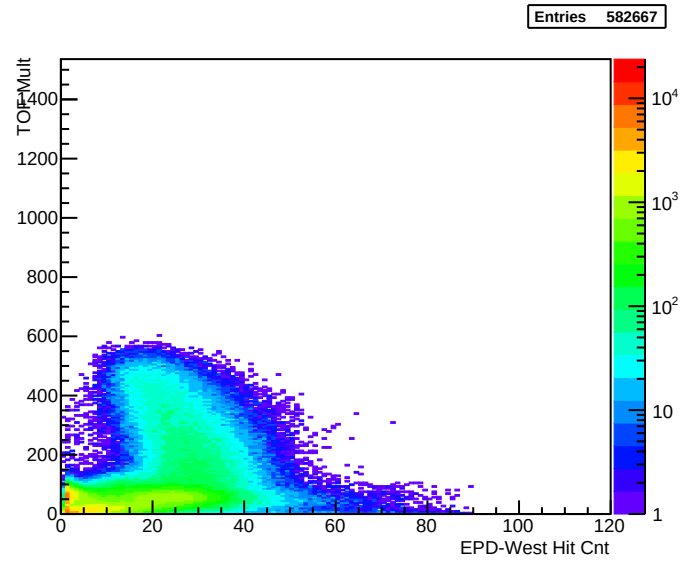

VT201 Input Ch4: VPD Adc Sum Th
Entries 1165334
424086
389537
158581
193130
East
West

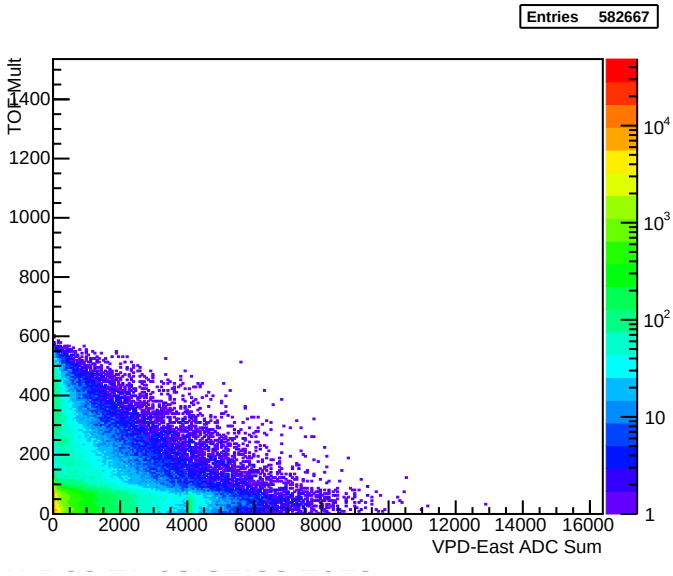

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

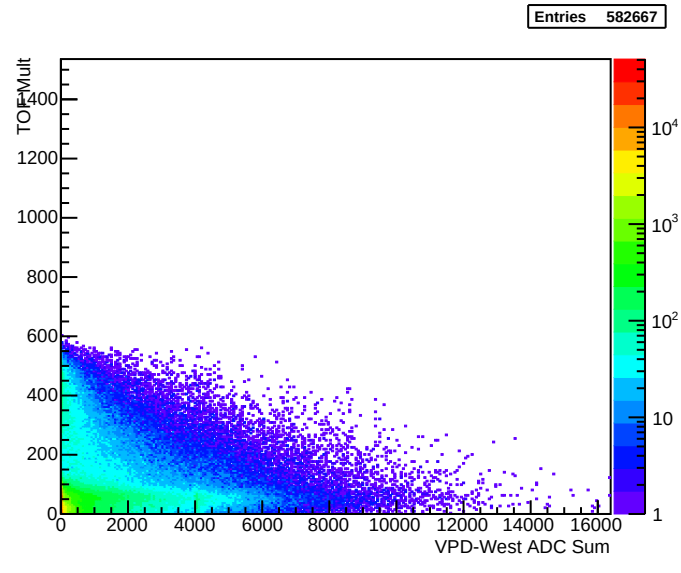

Entries 582667
TOF-Mult
BBC-S-East ADC Sum

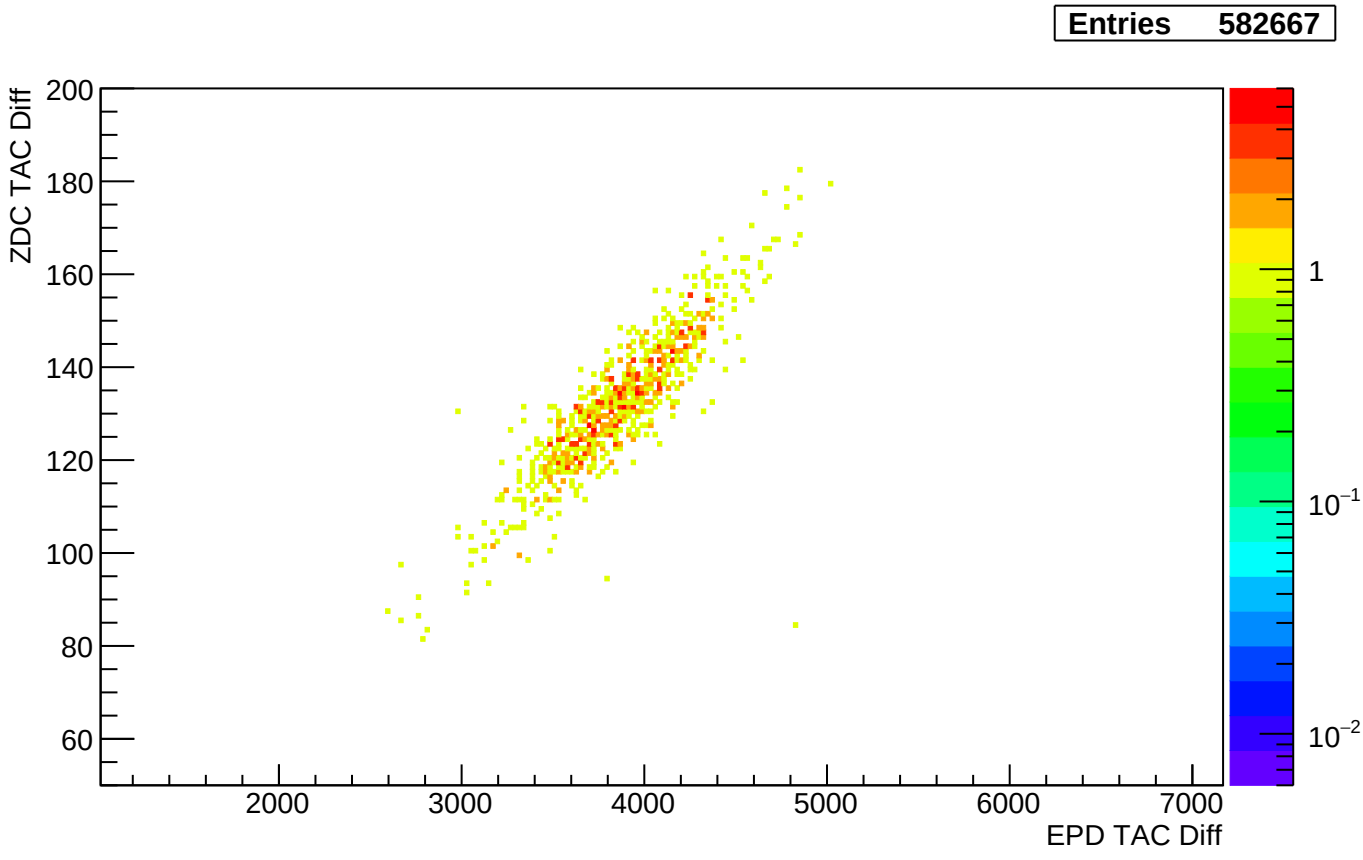

Entries 582667
TOF-Mult
BBC-S-West ADC Sum

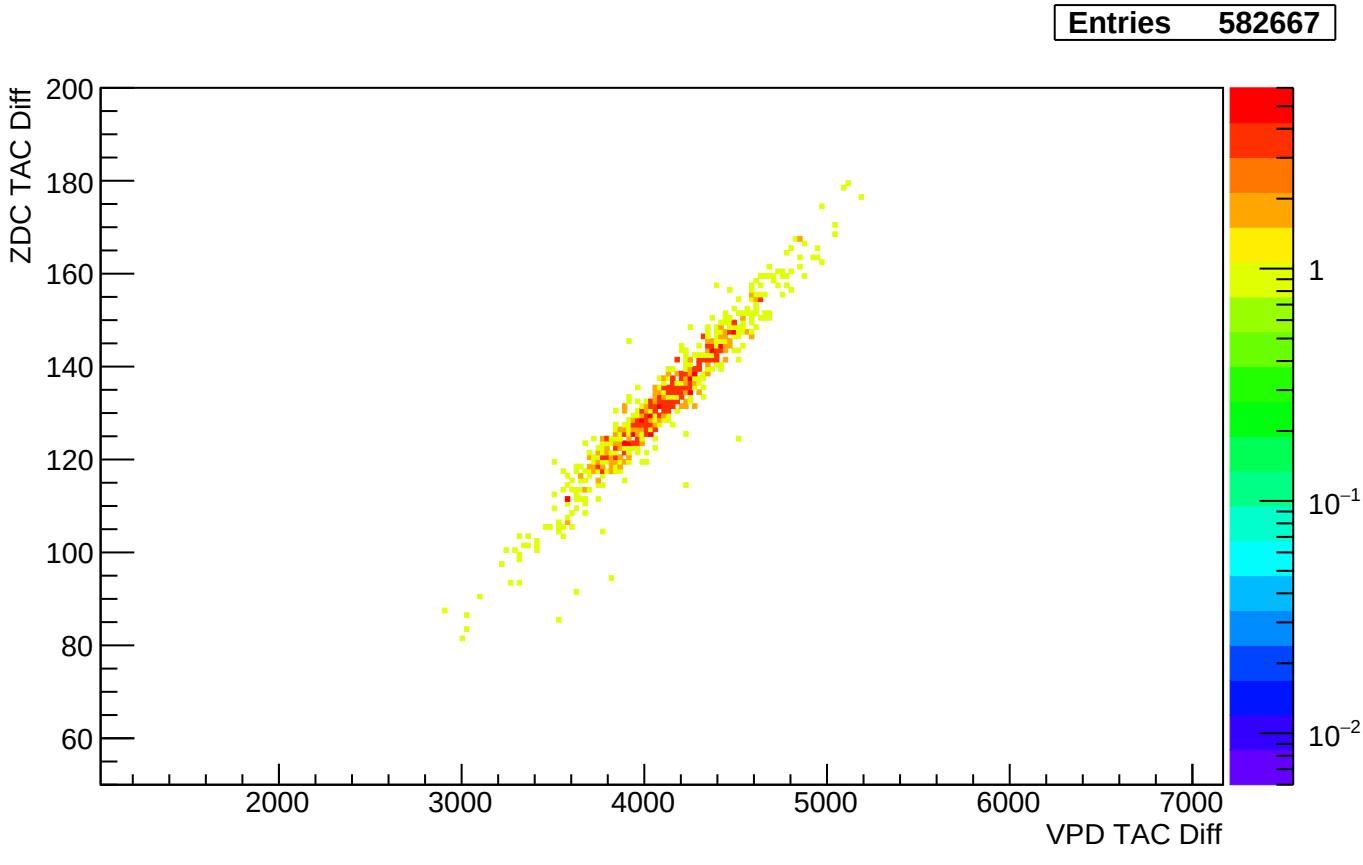

Entries 582667
TOF-Mult
EPD-East Hit Cnt

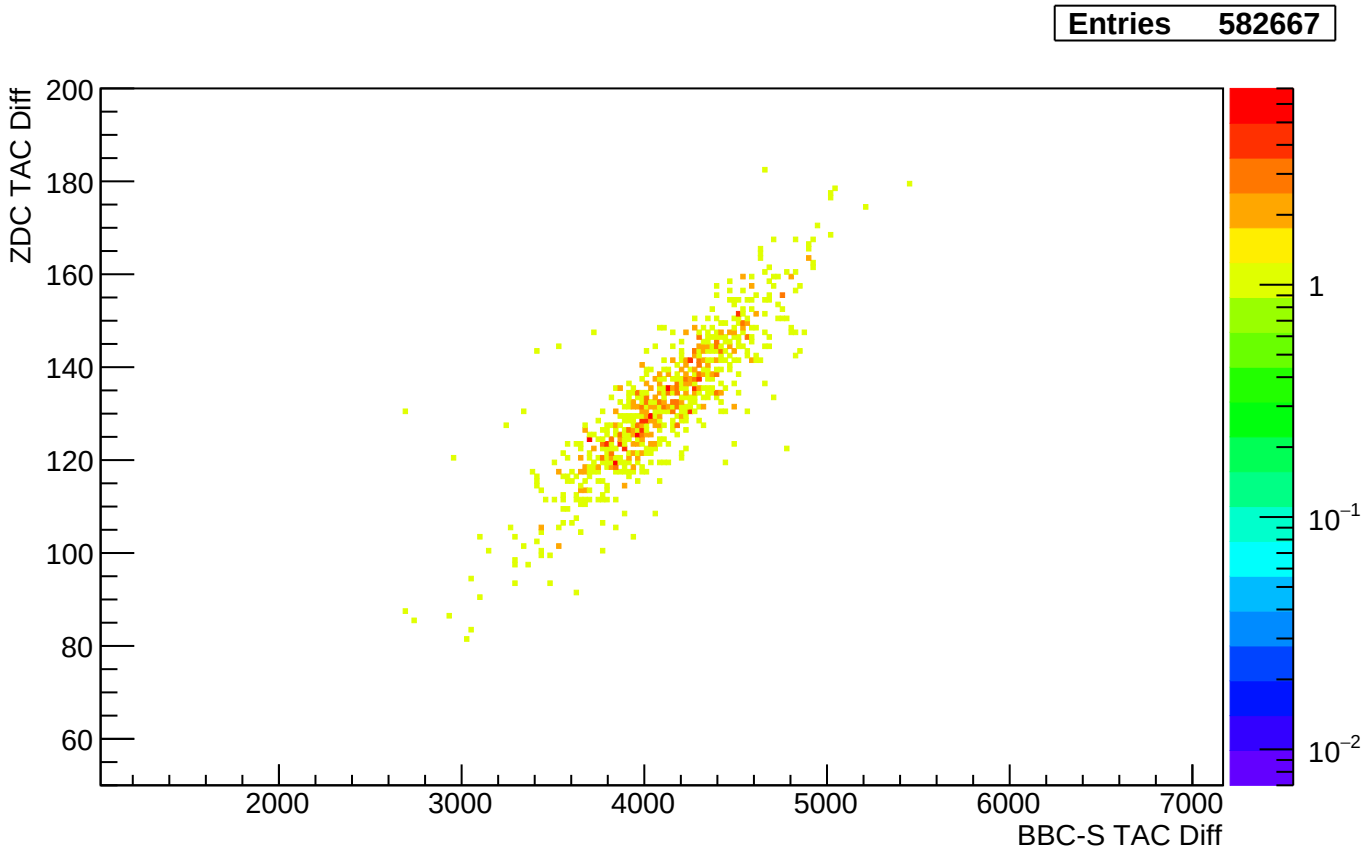

Entries 582667
TOF-Mult
EPD-West Hit Cnt

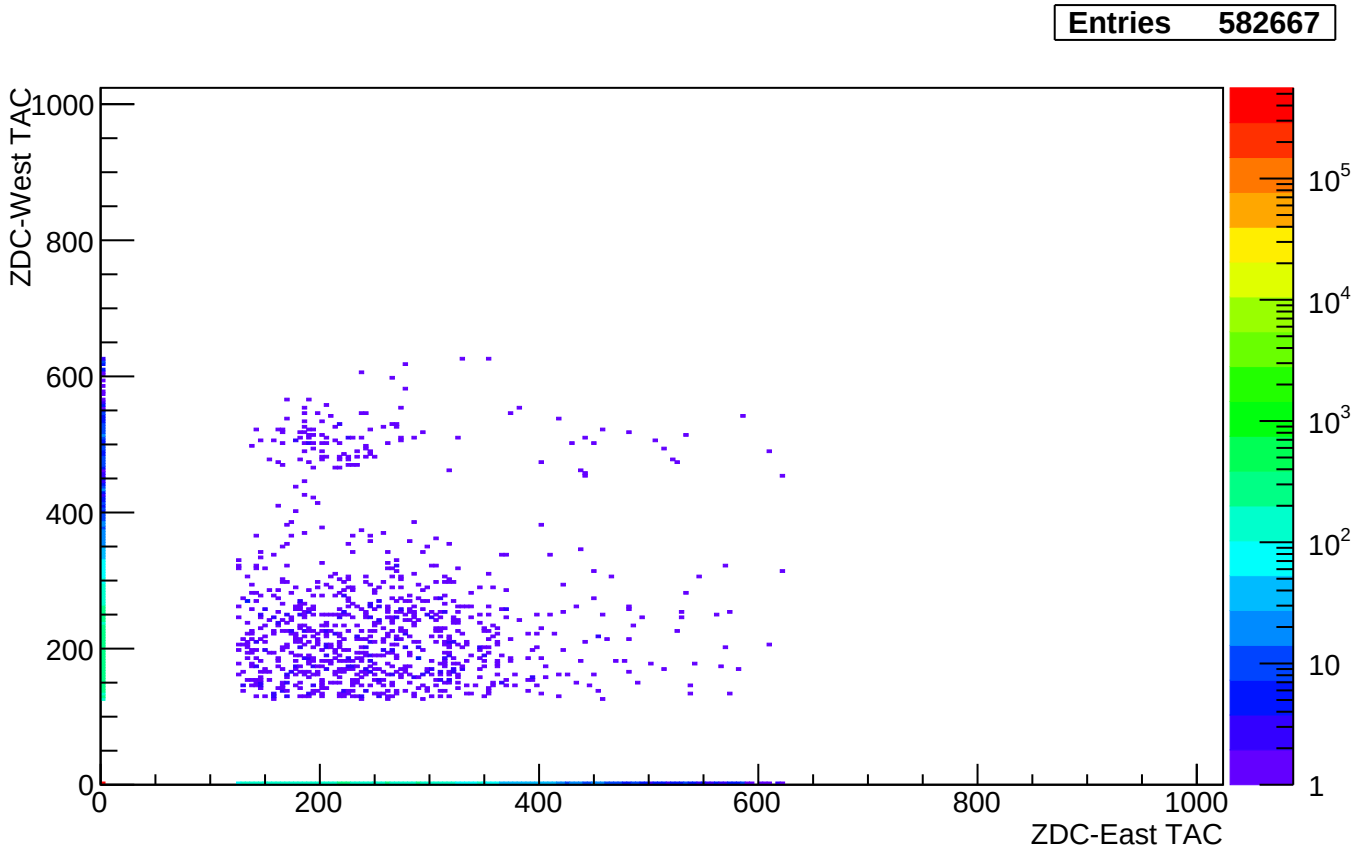

Entries 582667
TOF-Mult
VPD-East ADC Sum

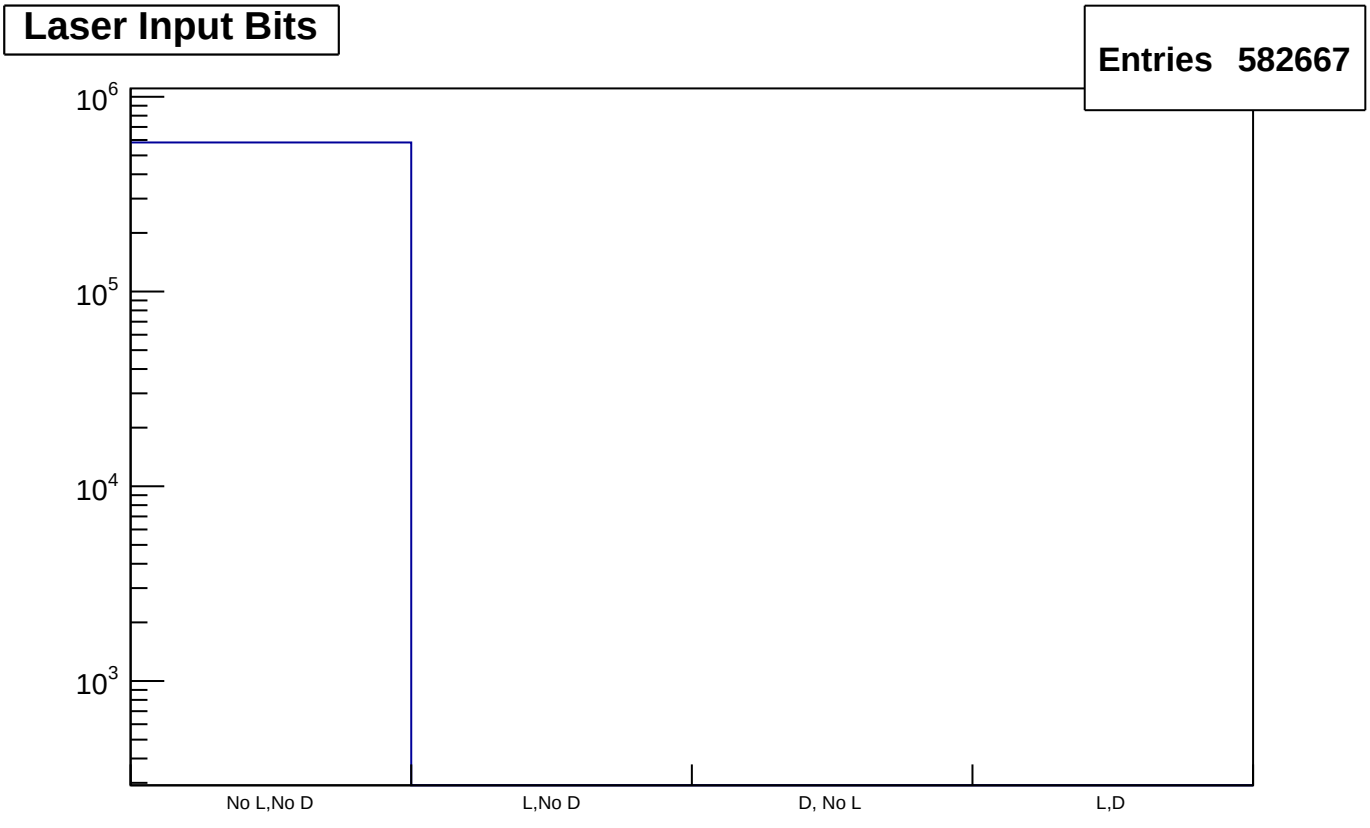

Entries 582667
TOF-Mult
VPD-West ADC Sum

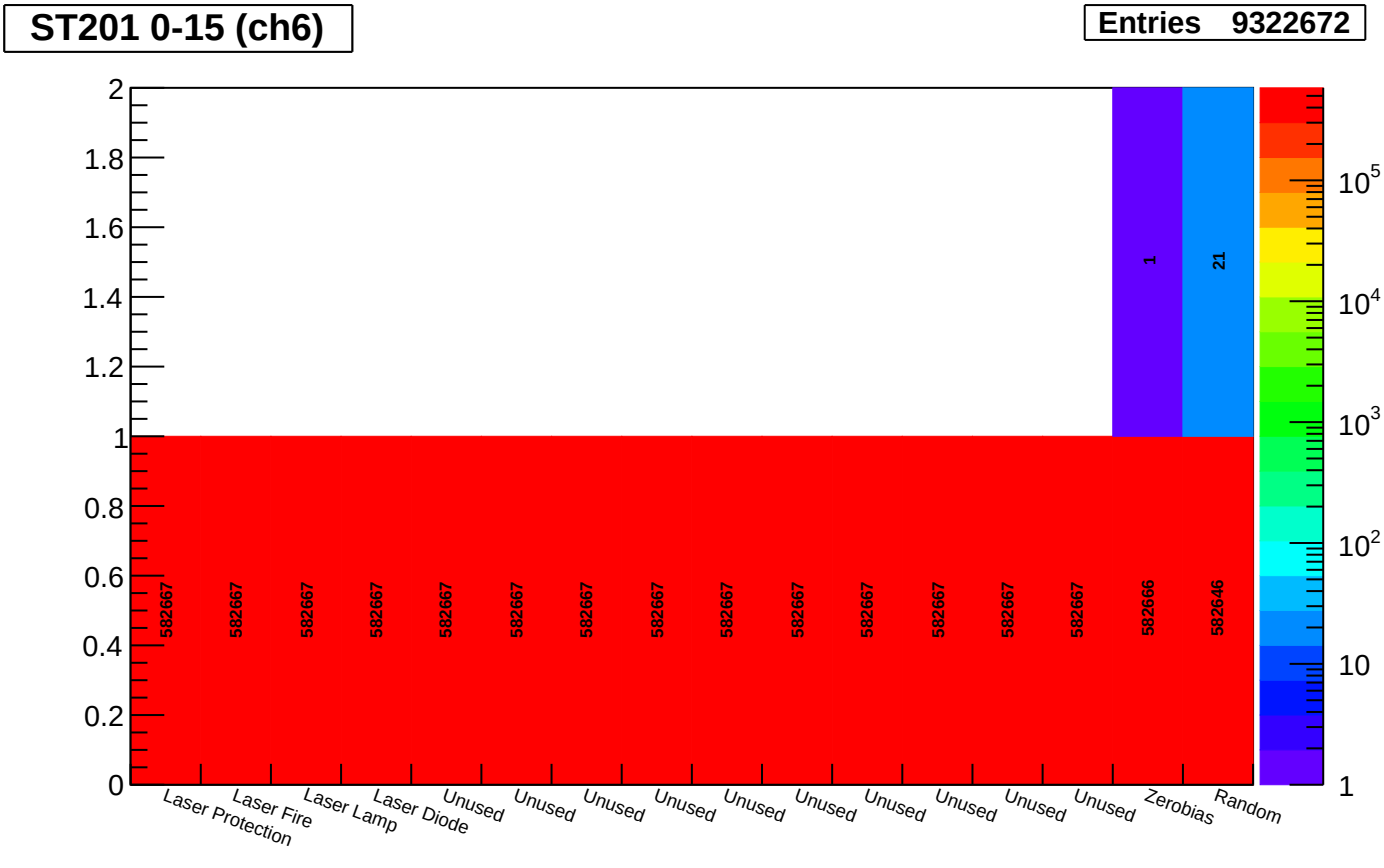

Entries 582667
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

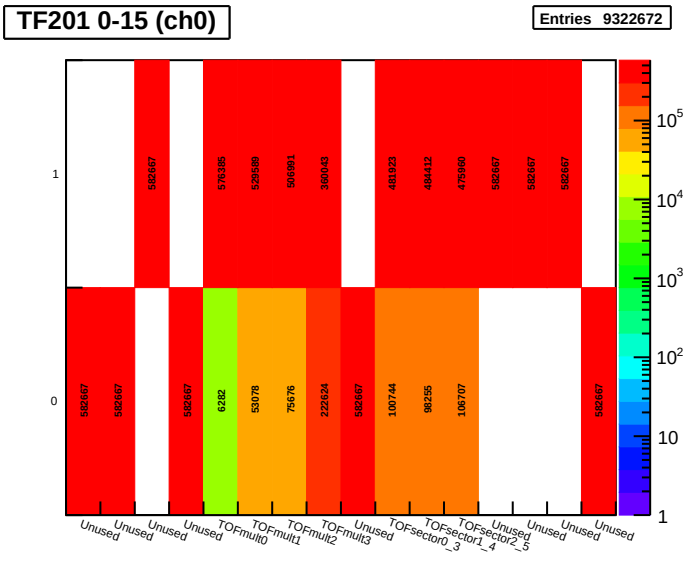

Entries 582667
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

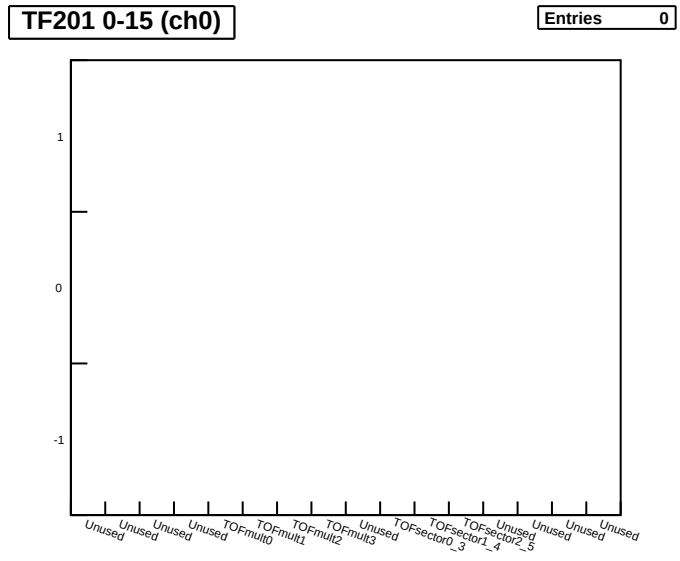

Entries 582667
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

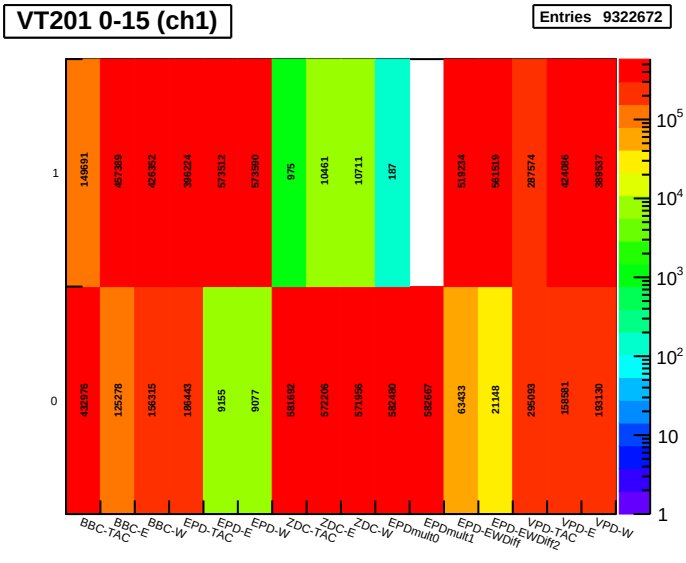

Entries 582667
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

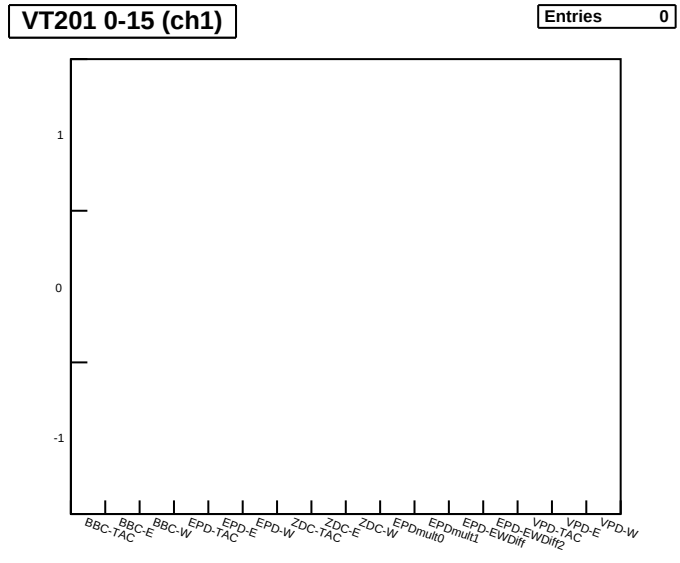

Laser Input Bits
Entries 582667
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

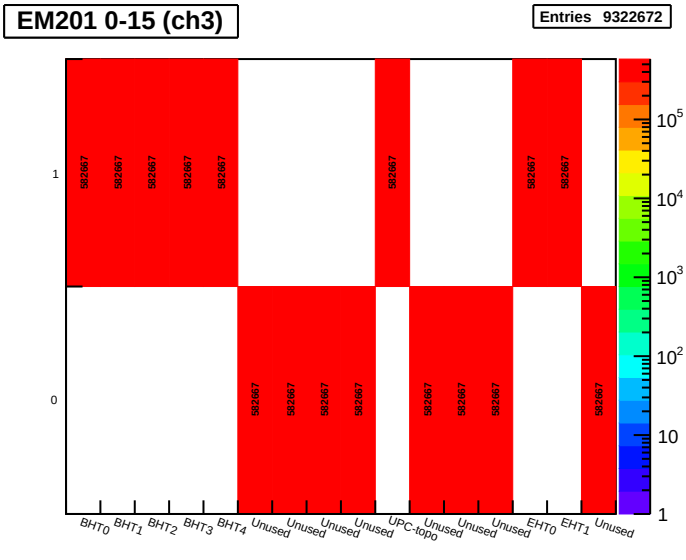

ST201 0-15 (ch6)
Entries 9322672
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582666
582646
1
21
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

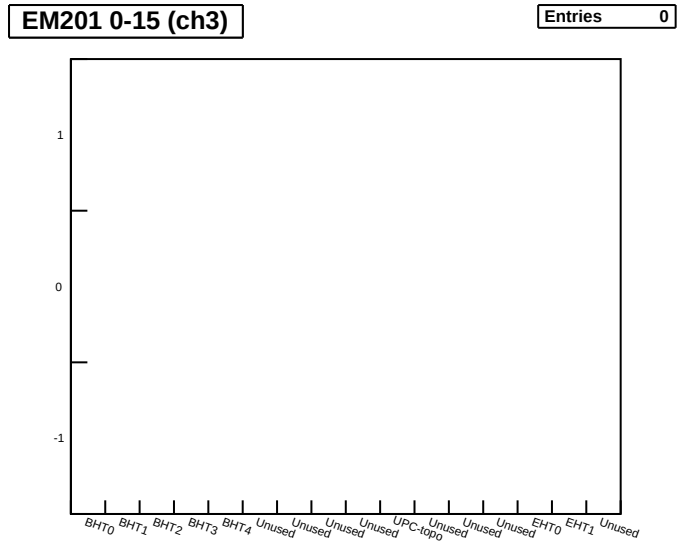

TF201 0-15 (ch0)
Entries 9322672
1
0
582667
576385
529589
506991
360043
481923
484412
479960
582667
582667
582667
582667
582667
582667
582667
582667
582667
6282
53078
75676
222624
582667
100744
98255
106707
582667
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 9322672
1
0
149691
457389
426352
396224
573512
573590
975
10461
10711
187
519234
561519
287574
424086
389537
432976
125278
156315
188443
9155
9077
581692
572206
571956
582480
582667
63433
21148
295093
156581
189130
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 9322672
1
0
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
582667
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1