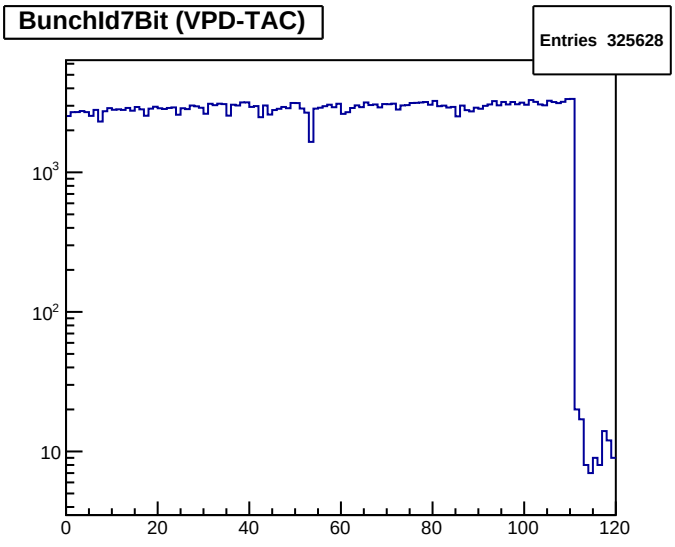
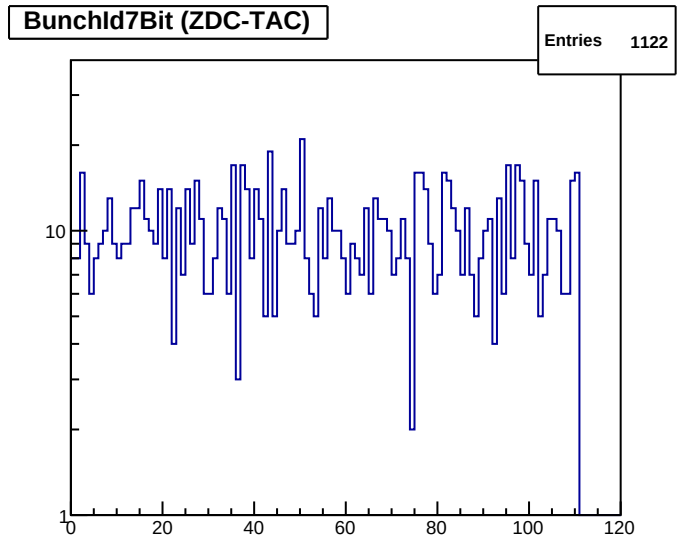
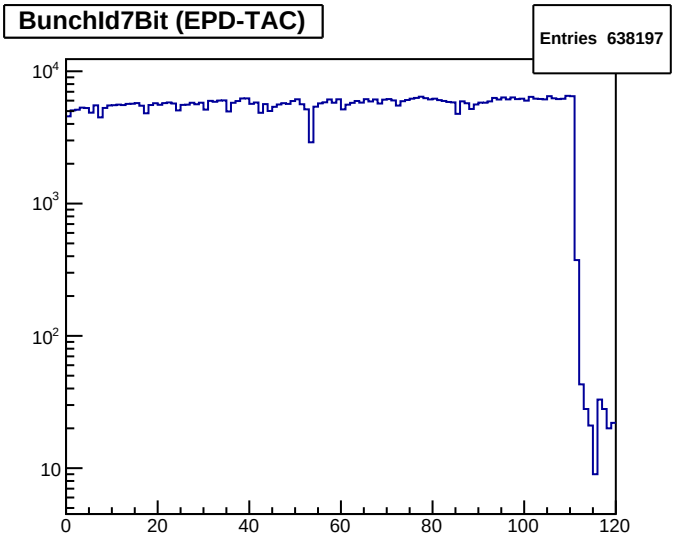
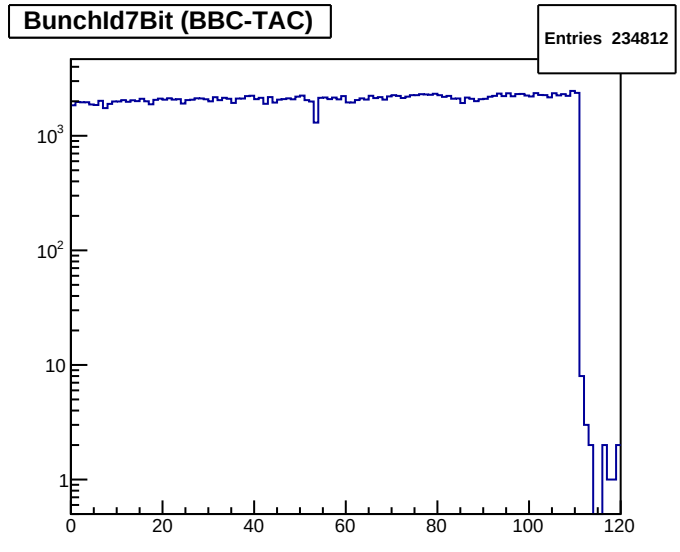
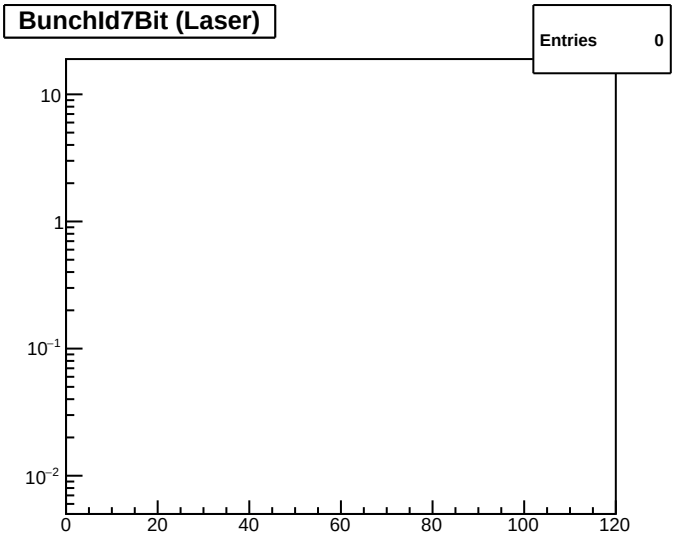
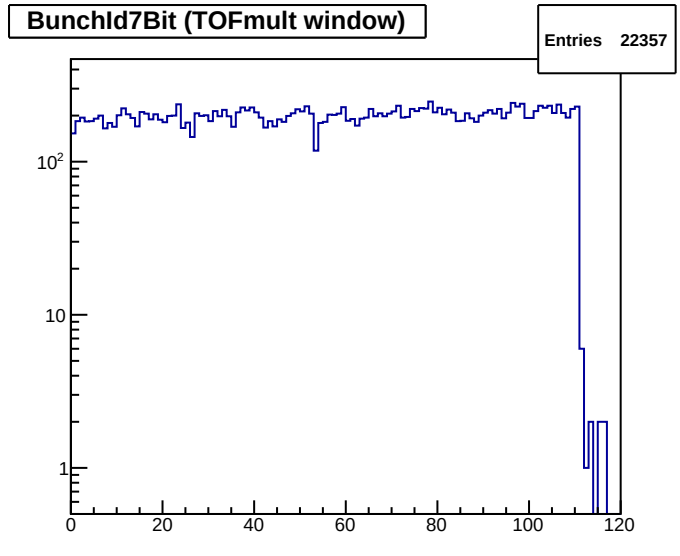

BunchId7Bit (VPD-TAC)
Entries 325628

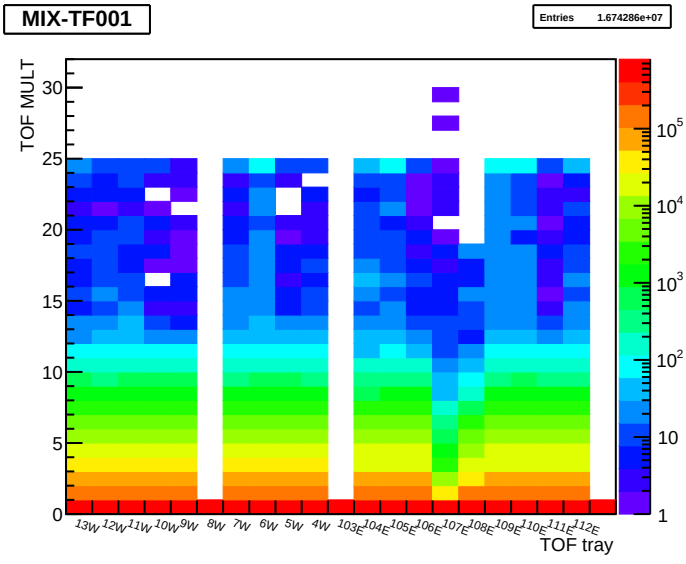

BunchId7Bit (ZDC-TAC)
Entries 1122

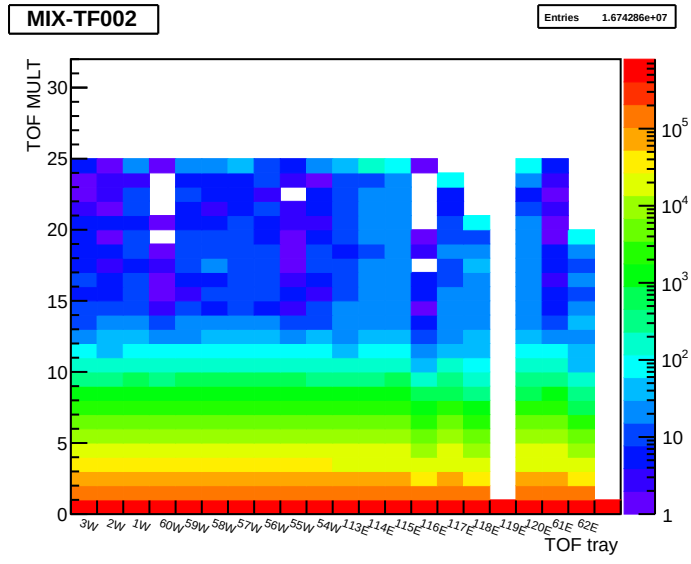

BunchId7Bit (EPD-TAC)
Entries 638197

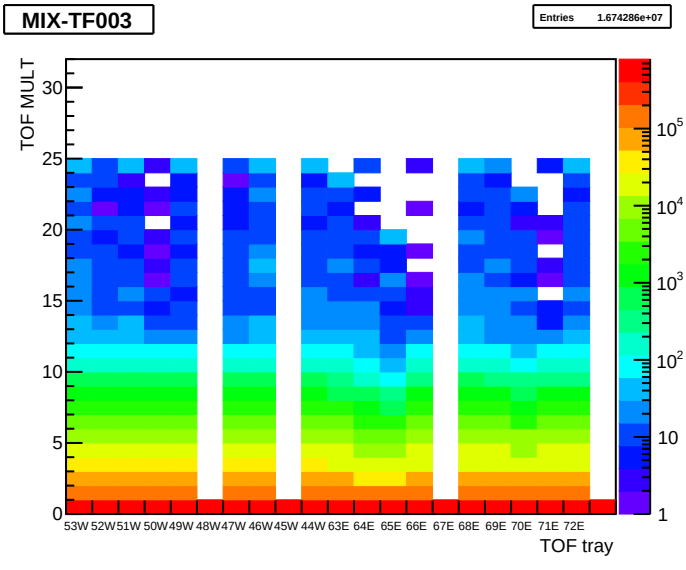

BunchId7Bit (BBC-TAC)
Entries 234812

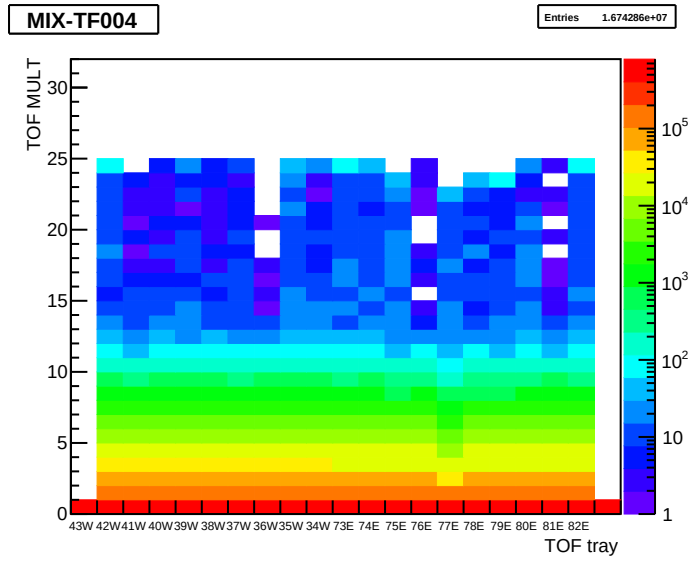

BunchId7Bit (Laser)
Entries 0

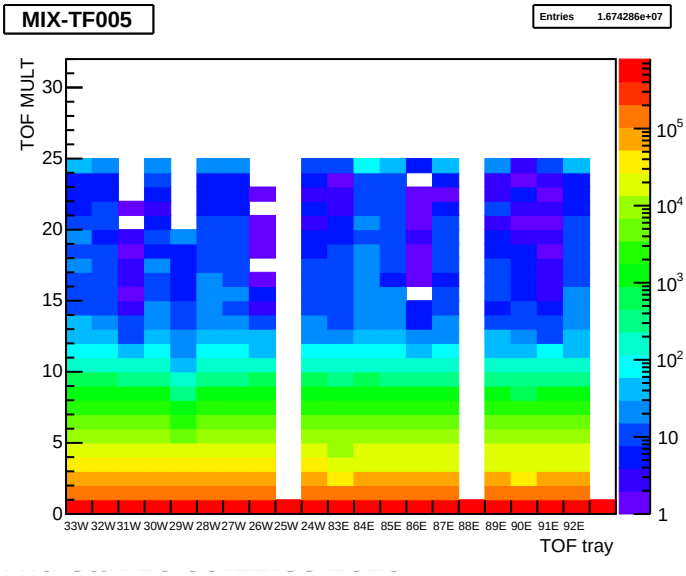

BunchId7Bit (TOFmult window)
Entries 22357

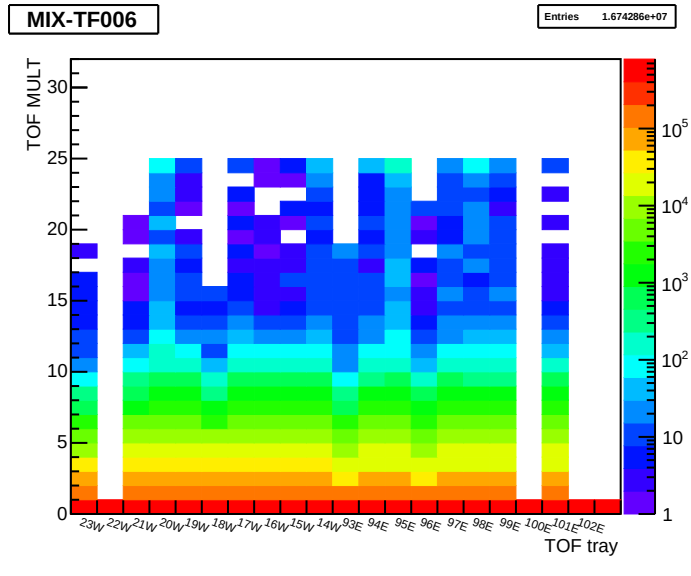

MIX-TF001
Entries 1.674286e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

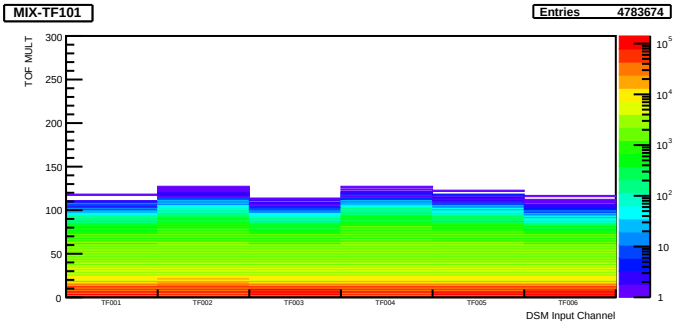

MIX-TF002
Entries 1.674286e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

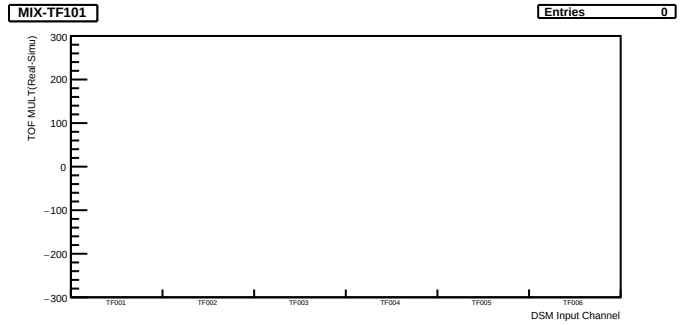

MIX-TF003
Entries 1.674286e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

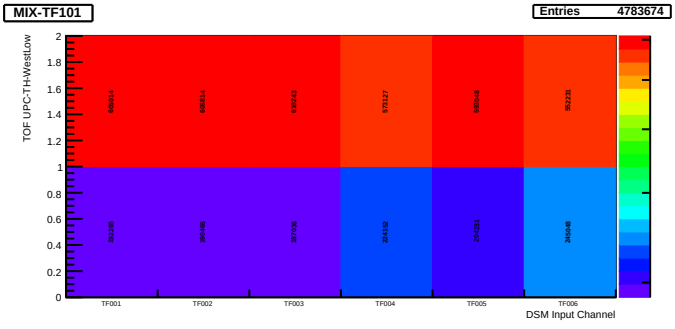

MIX-TF004
Entries 1.674286e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

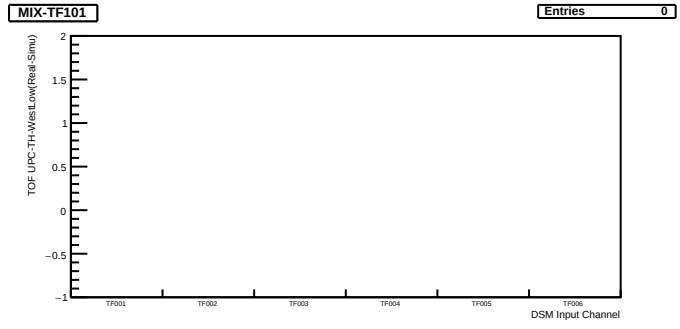

MIX-TF005
Entries 1.674286e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

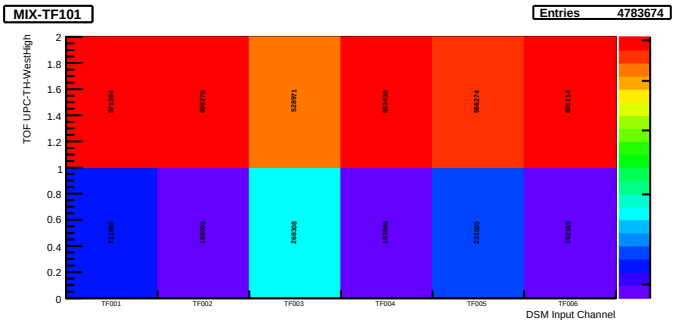

MIX-TF006
Entries 1.674286e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

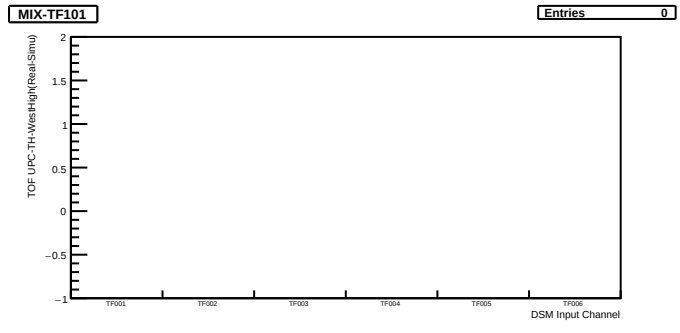

MIX-TF101
Entries 4783674
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

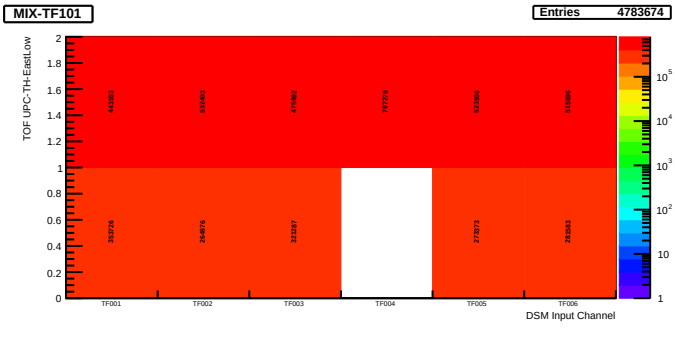

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

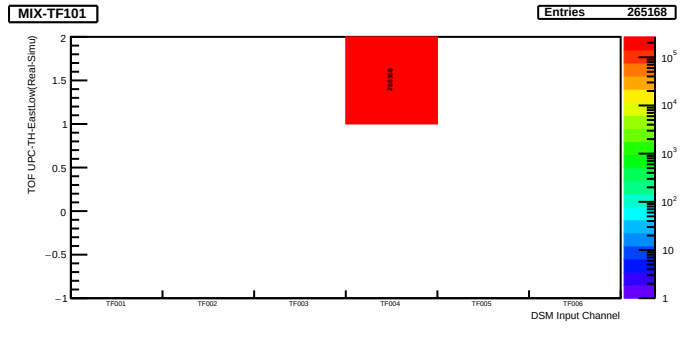

MIX-TF101
Entries 4783674
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

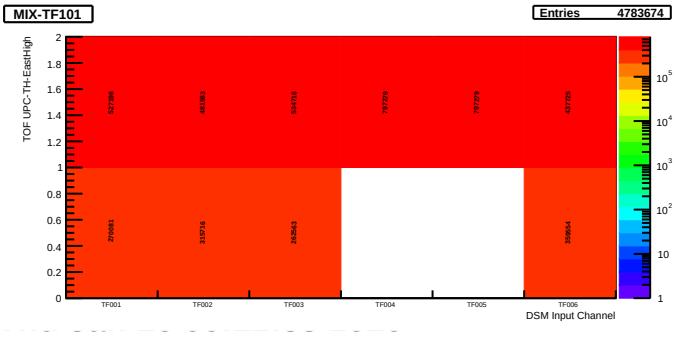

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

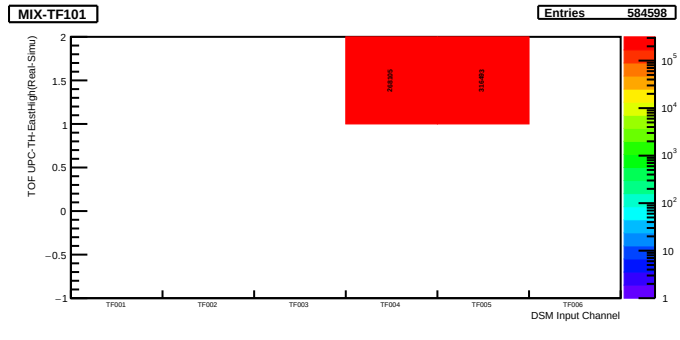

MIX-TF101
Entries 4783674
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

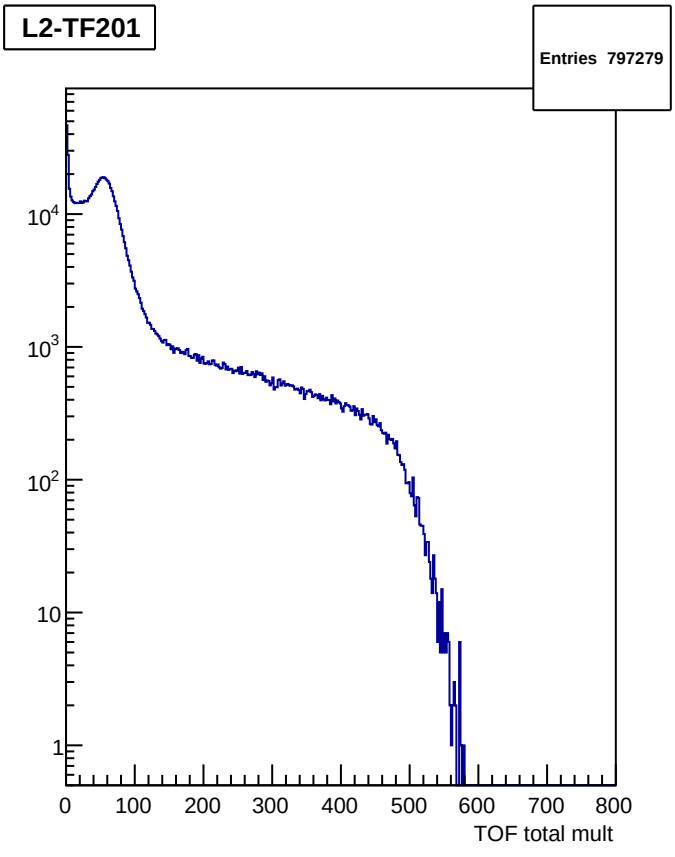

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

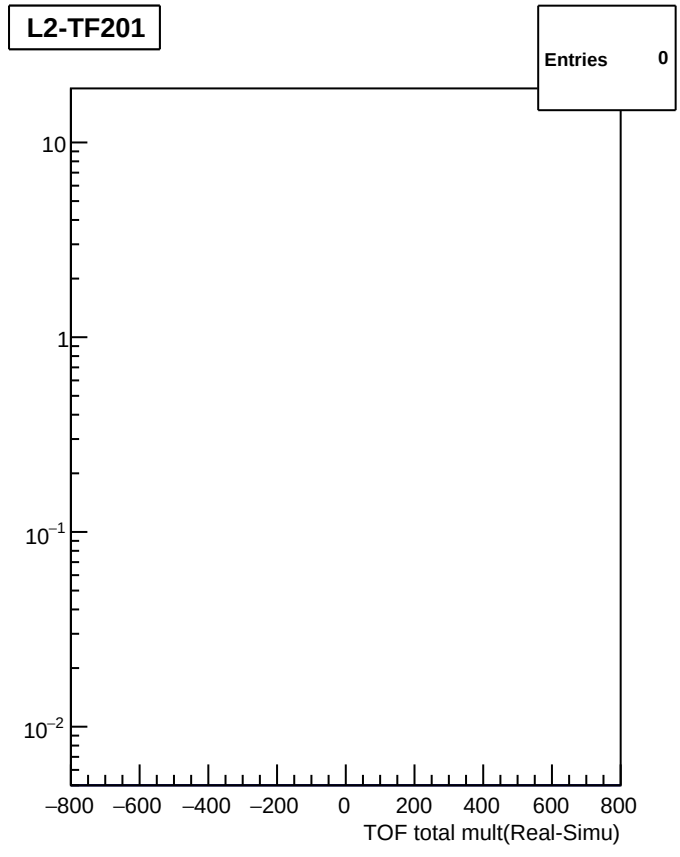

MIX-TF101
Entries 4783674
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

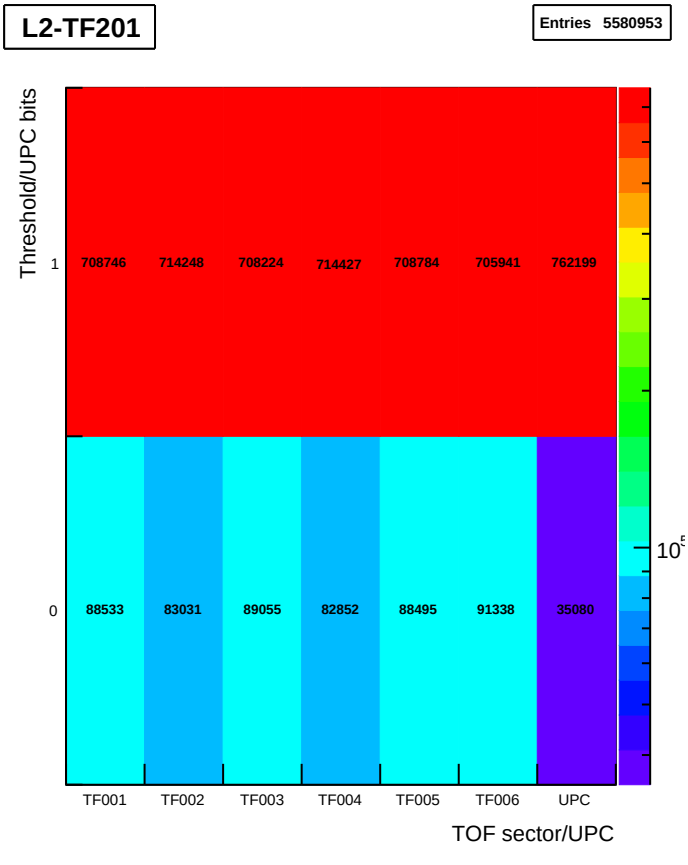

MIX-TF101
Entries 265168
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

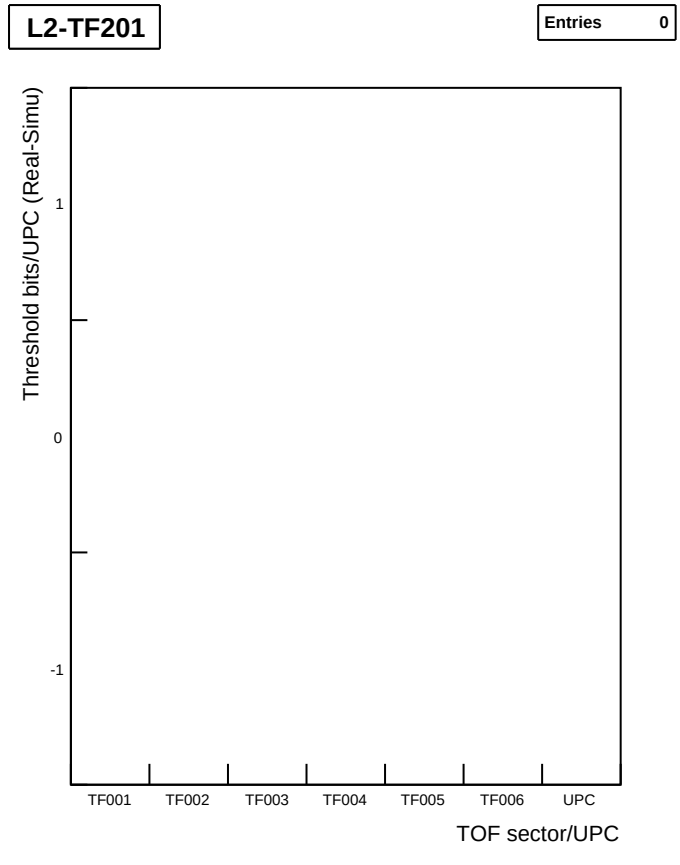

MIX-TF101
Entries 4783674
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

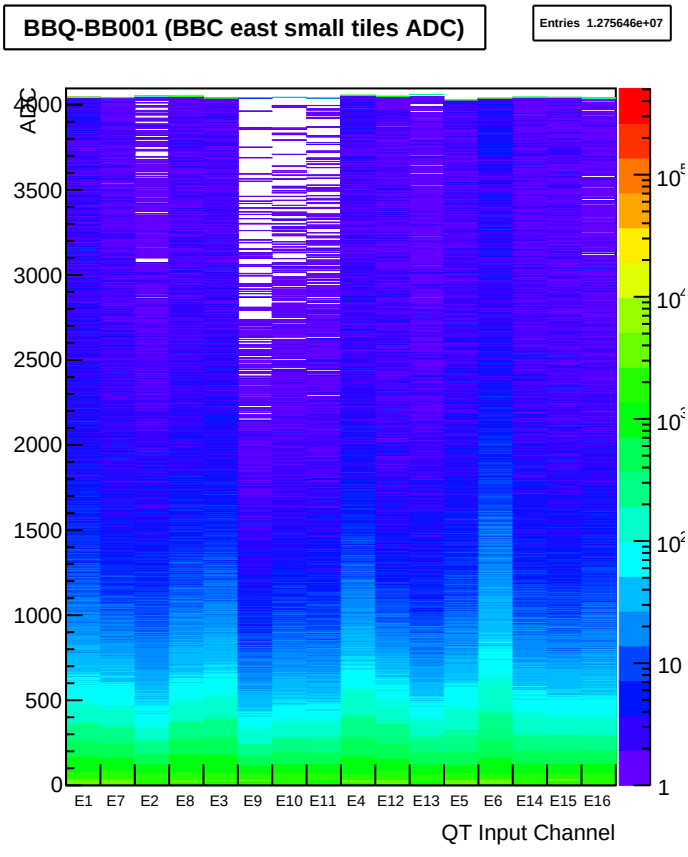

MIX-TF101
Entries 584598
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

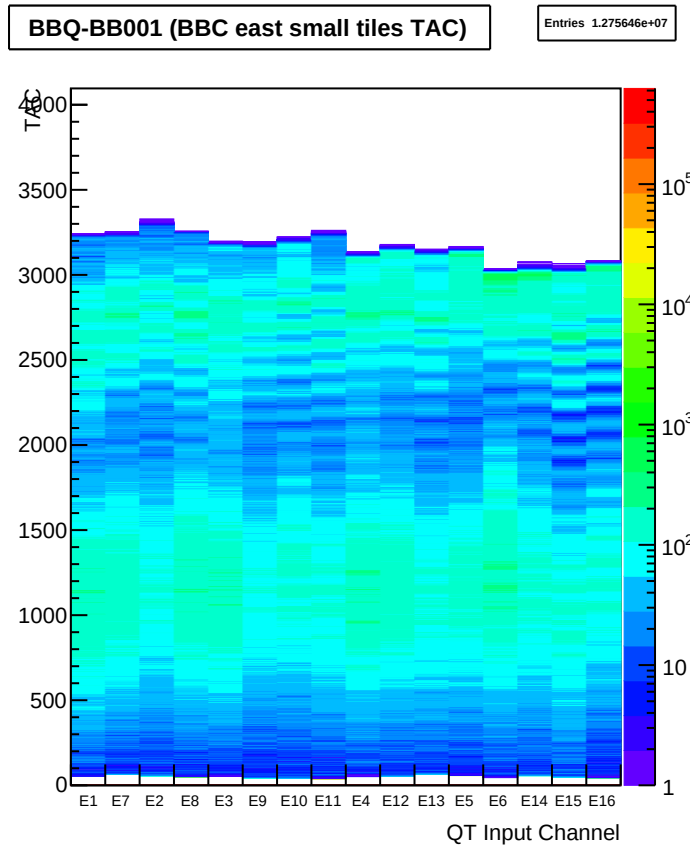

L2-TF201
Entries 797279
TOF total mult

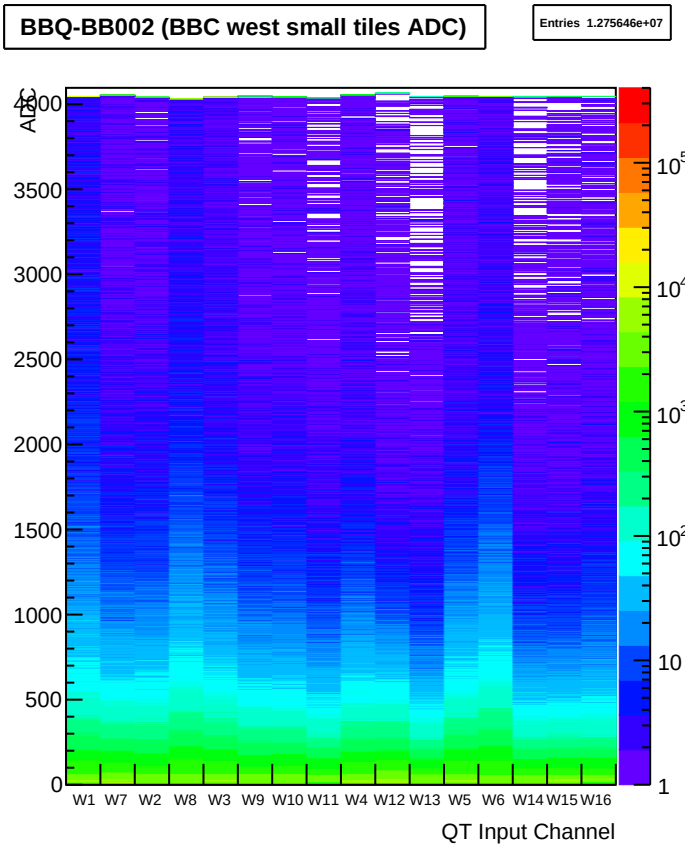

L2-TF201
Entries 0
TOF total mult(Real-Simu)

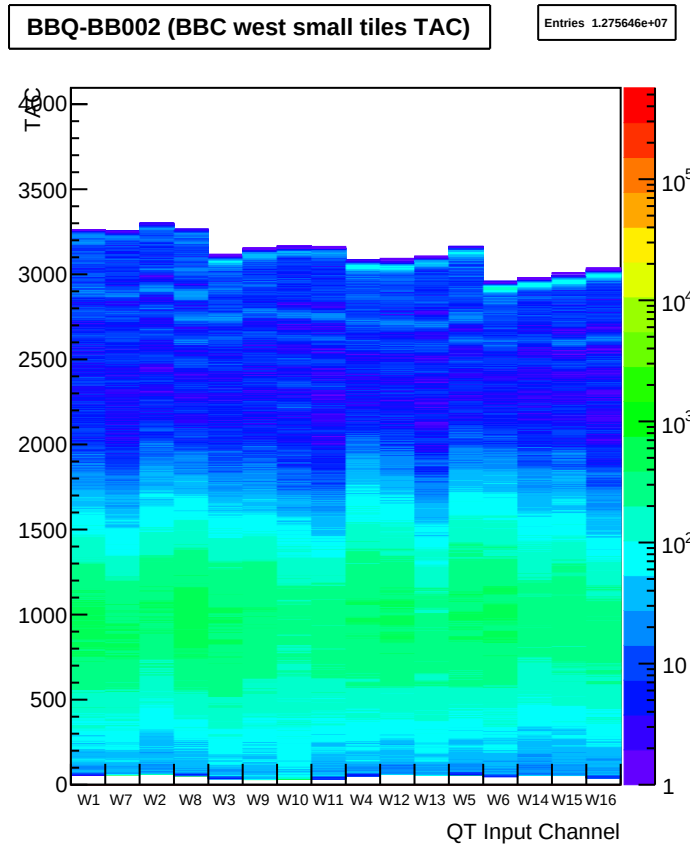

L2-TF201
Entries 5580953
Threshold/UPC bits
708746
714248
708224
714427
708784
705941
762199
88533
83031
89055
82852
88495
91338
35080
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

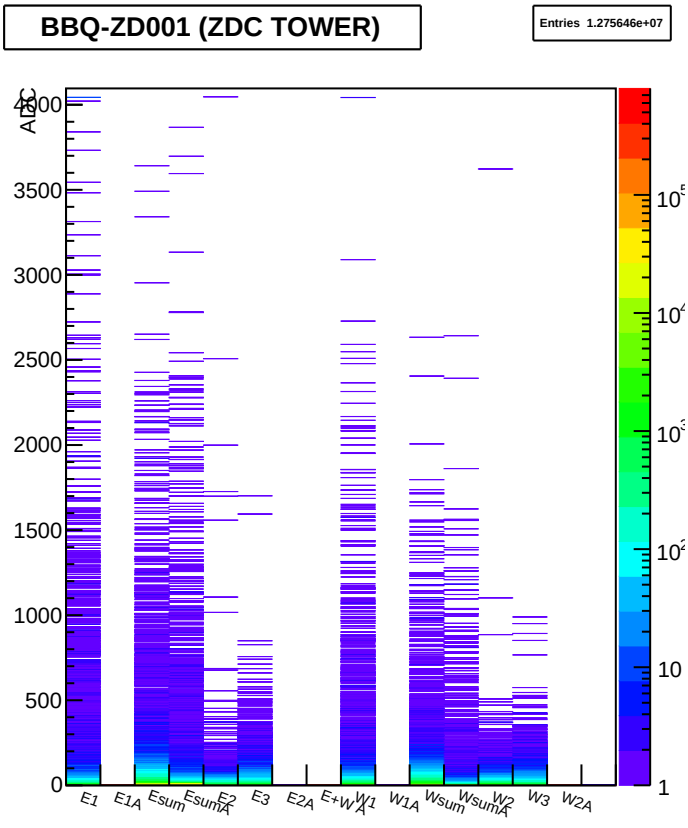

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

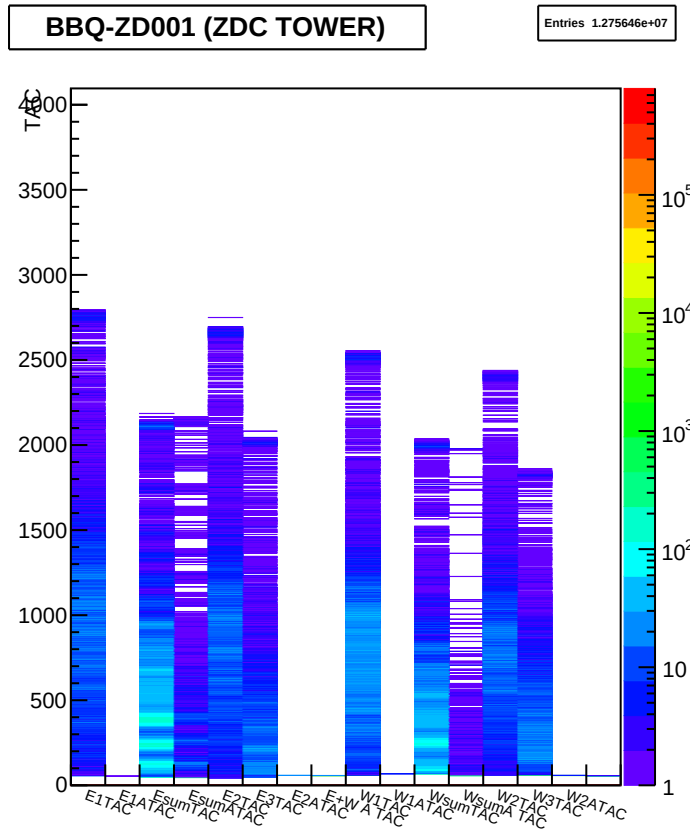

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.275646e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

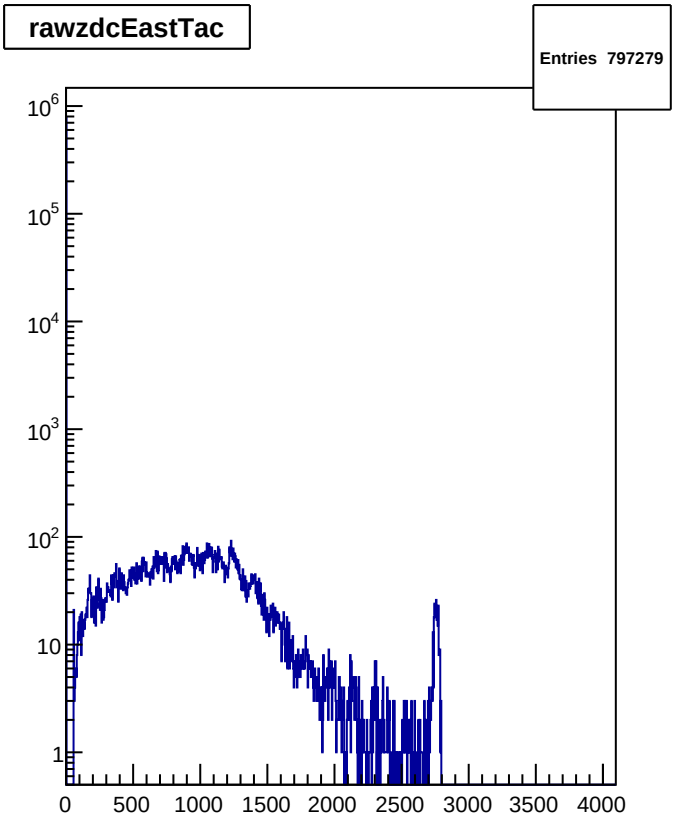

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.275646e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

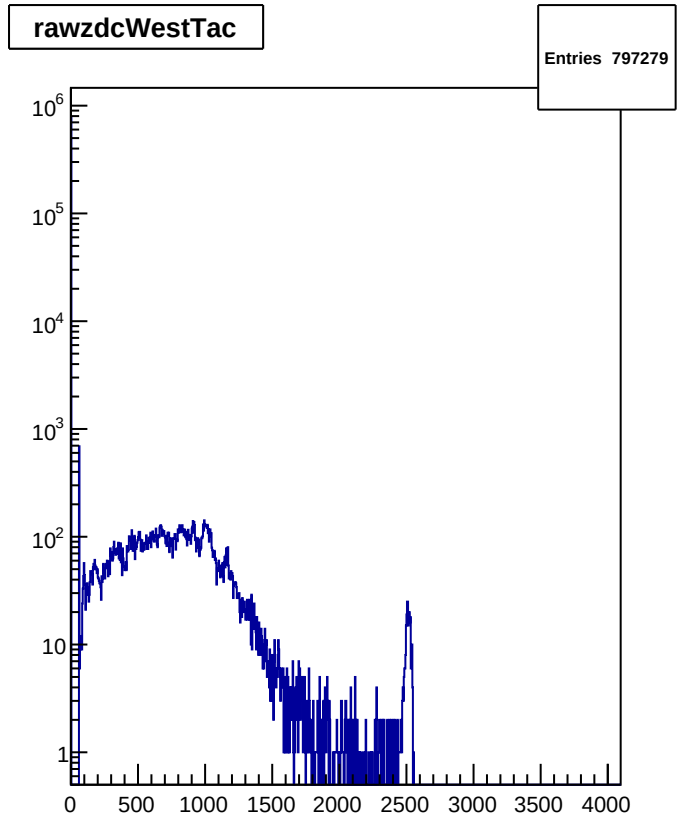

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.275646e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

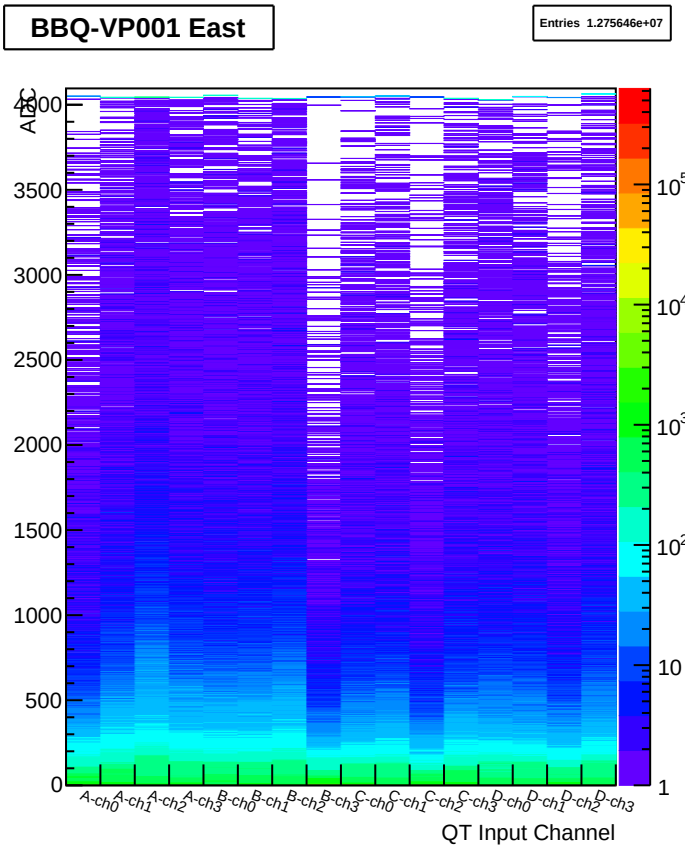

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.275646e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

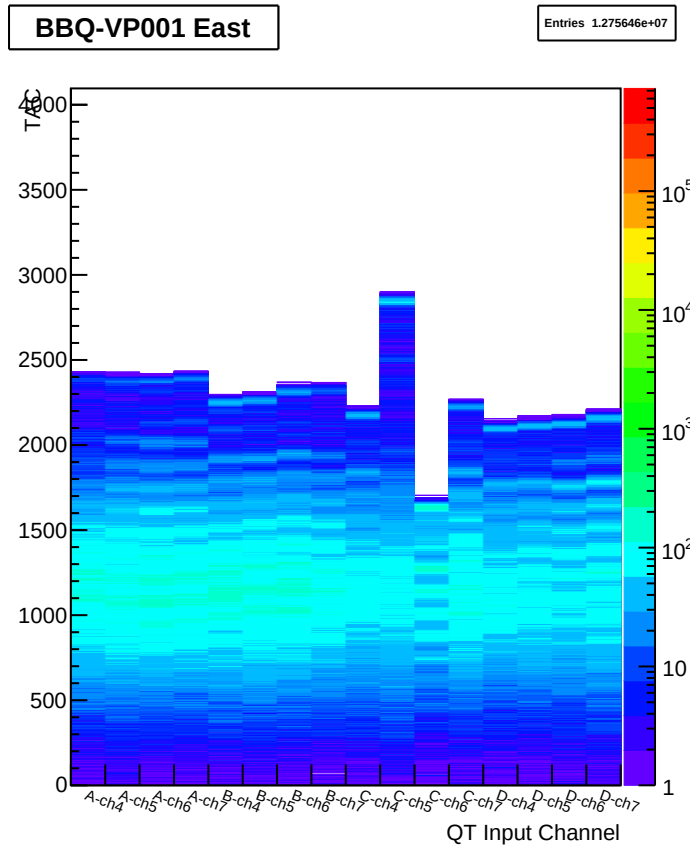

BBQ-ZD001 (ZDC TOWER)
Entries 1.275646e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

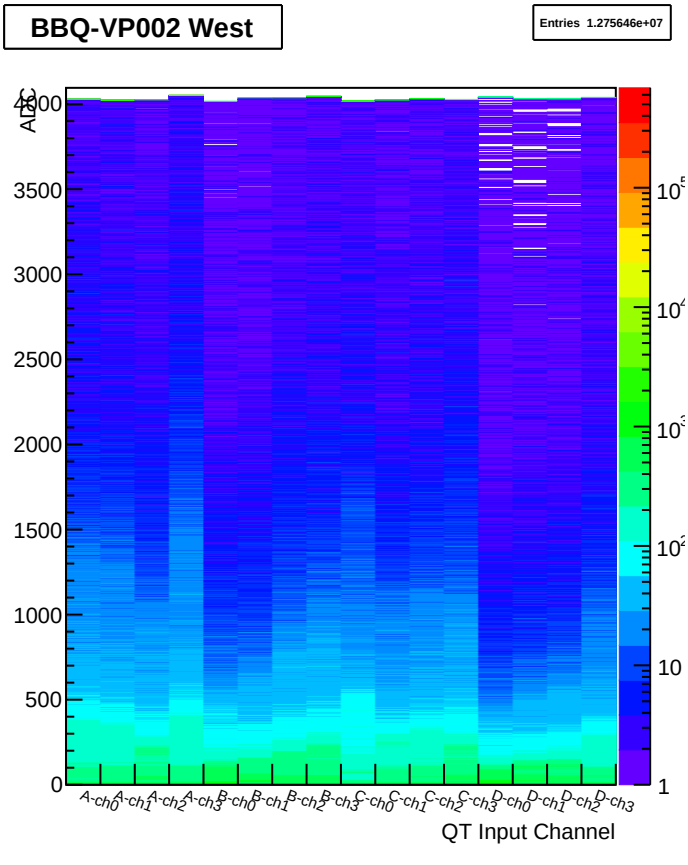

BBQ-ZD001 (ZDC TOWER)
Entries 1.275646e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

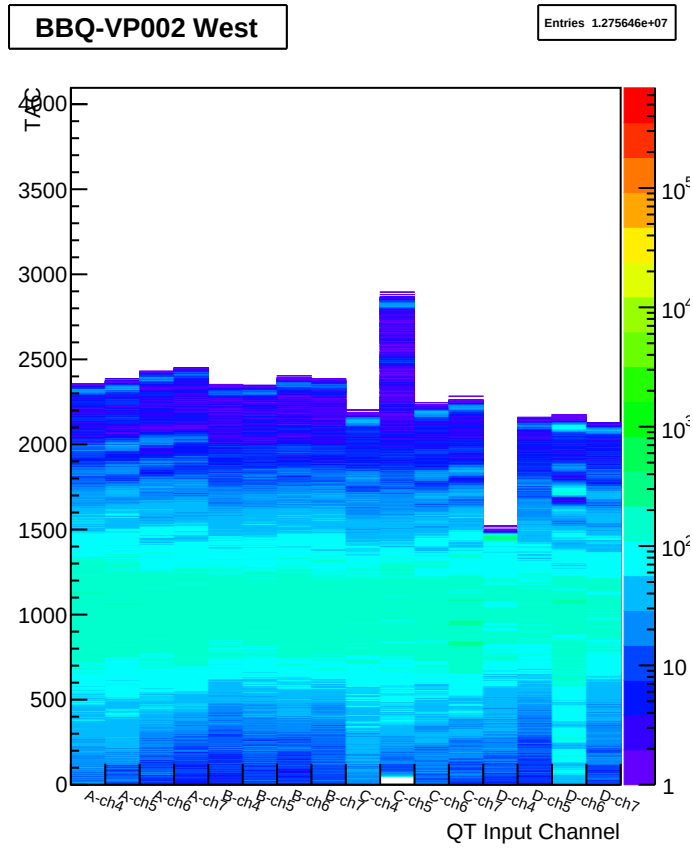

rawzdcEastTac
Entries 797279

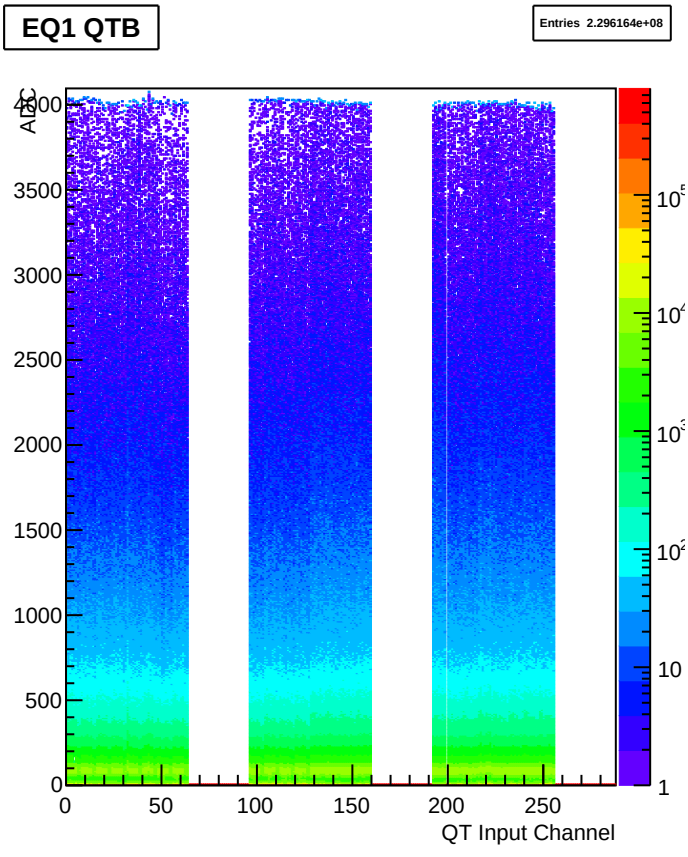

rawzdcWestTac
Entries 797279

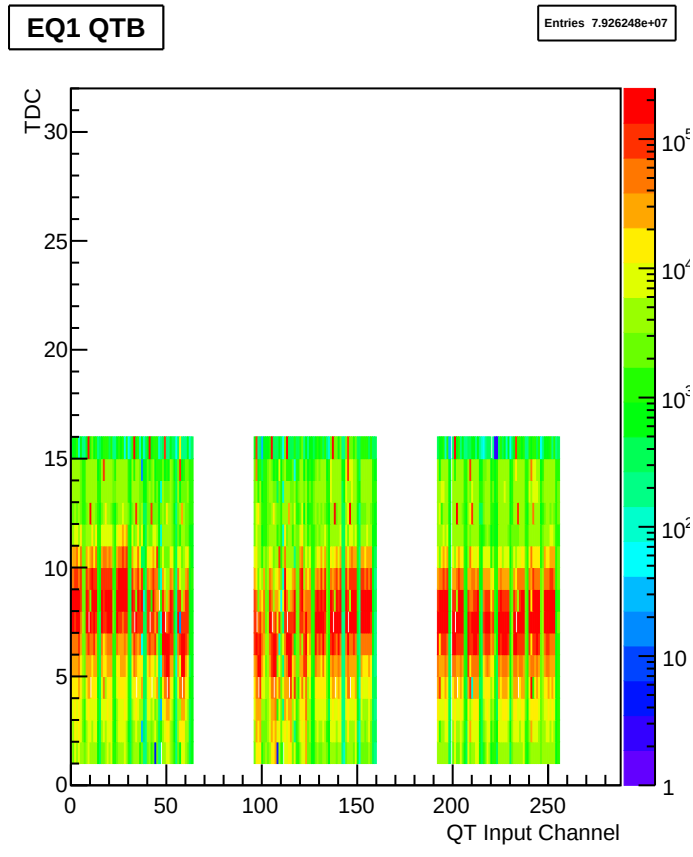

BBQ-VP001 East
Entries 1.275646e+07
ADC
QT Input Channel

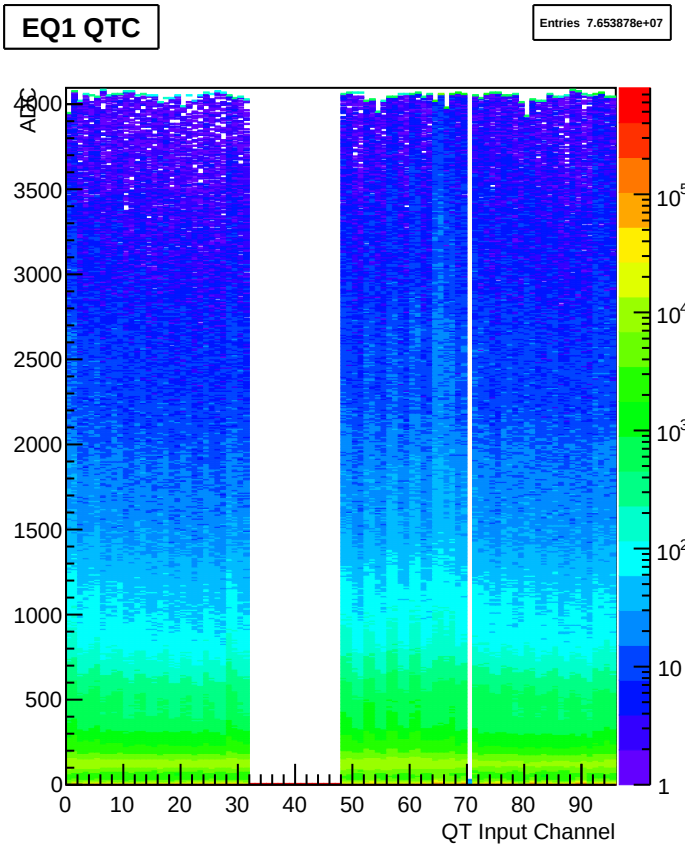

BBQ-VP001 East
Entries 1.275646e+07
TADC
QT Input Channel

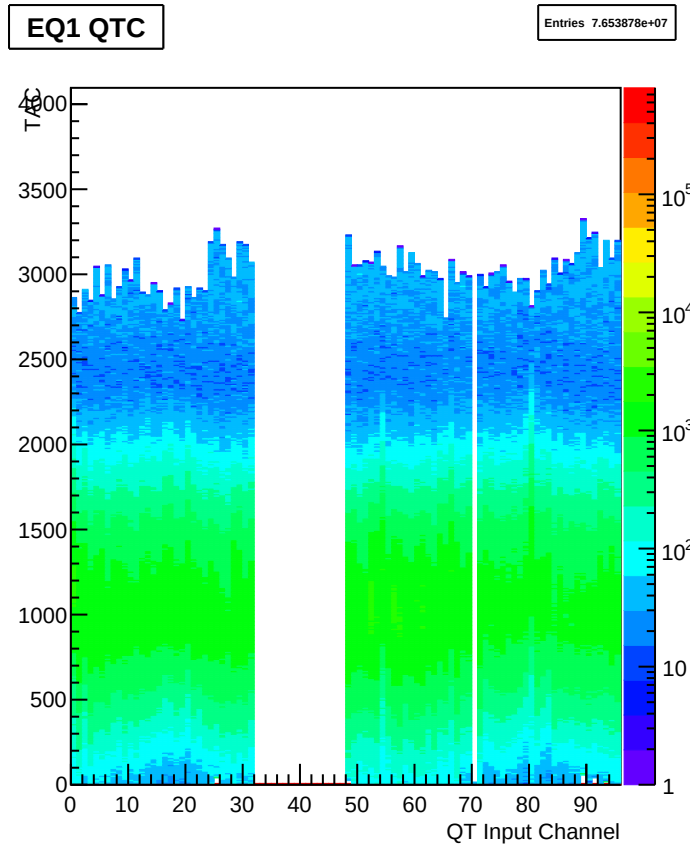

BBQ-VP002 West
Entries 1.275646e+07
ADC
QT Input Channel

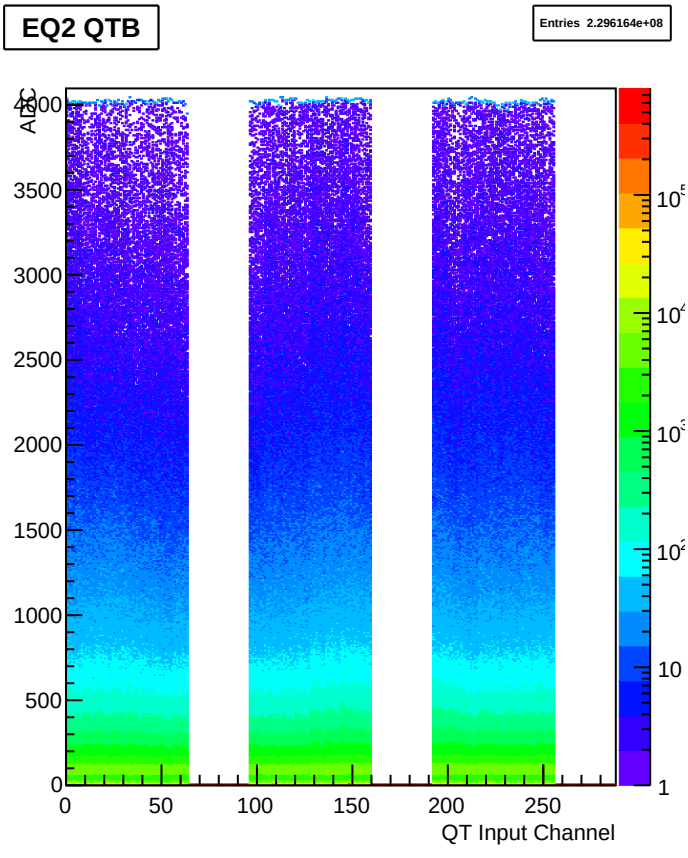

BBQ-VP002 West
Entries 1.275646e+07
TADC
QT Input Channel

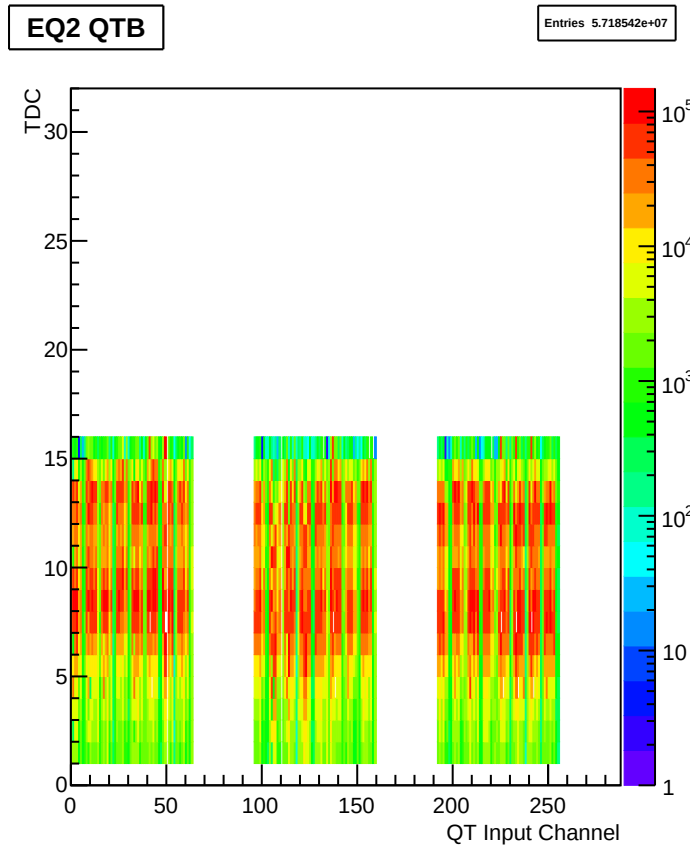

EQ1 QTB
Entries 2.296164e+08
ADC
QT Input Channel

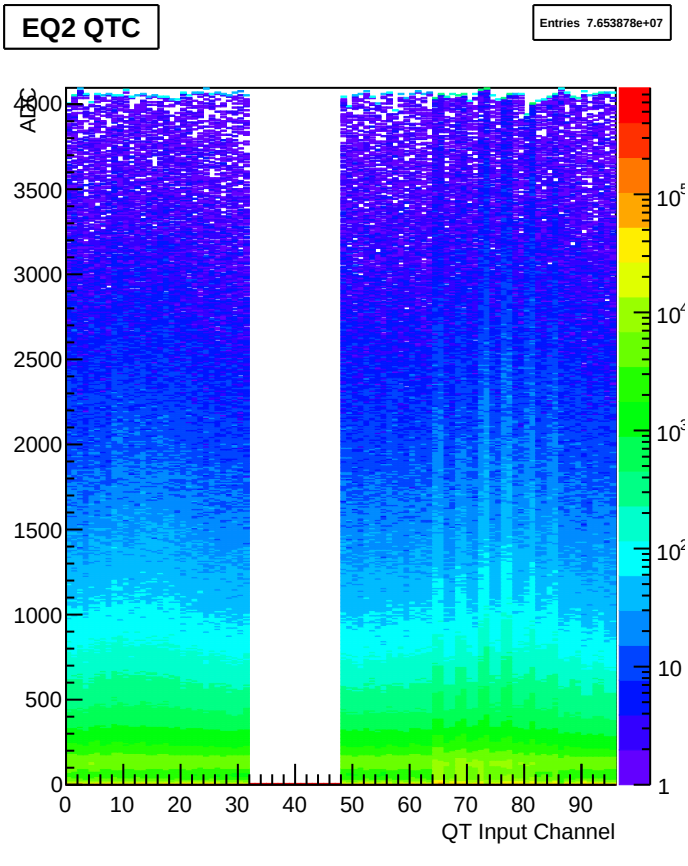

EQ1 QTB
Entries 7.926248e+07
TDC
QT Input Channel

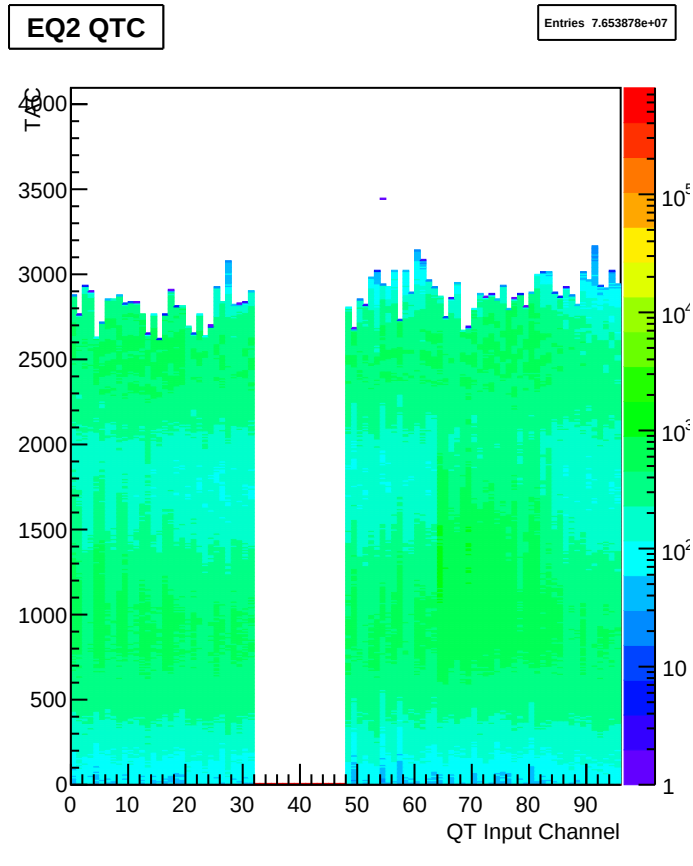

EQ1 QTC
Entries 7.653878e+07
ADC
QT Input Channel

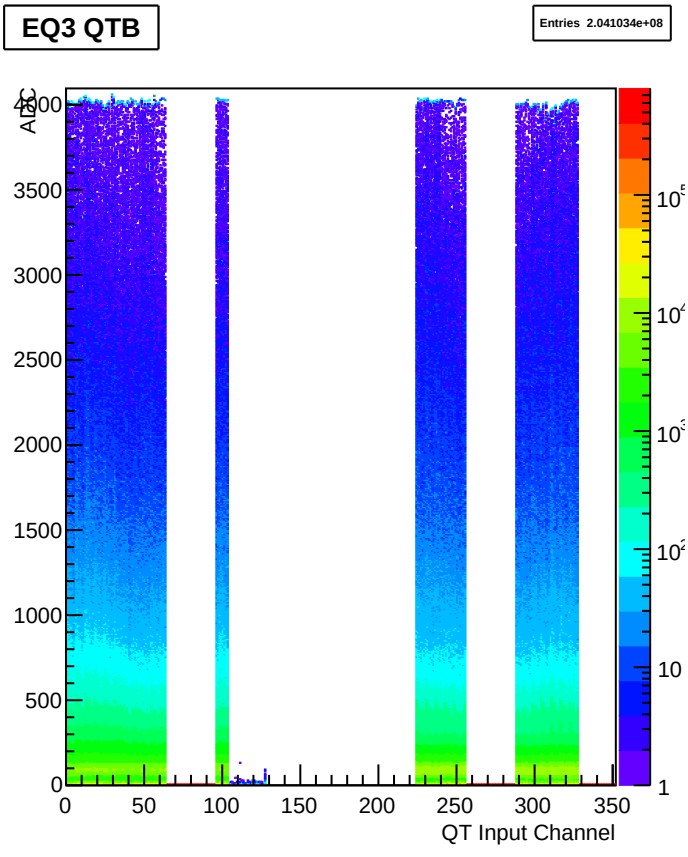

EQ1 QTC
Entries 7.653878e+07
TADC
QT Input Channel

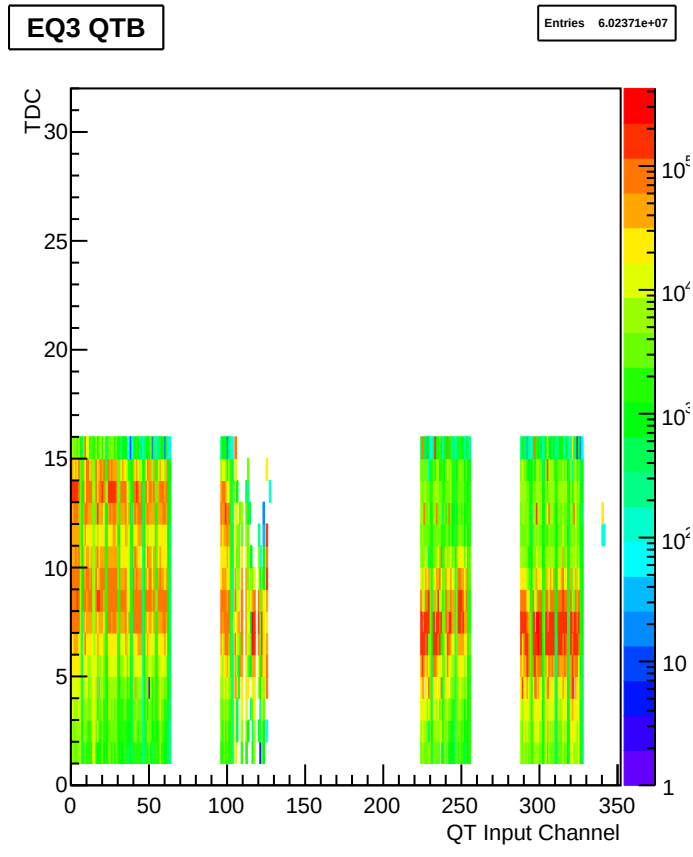

EQ2 QTB
Entries 2.296164e+08
ADC
QT Input Channel

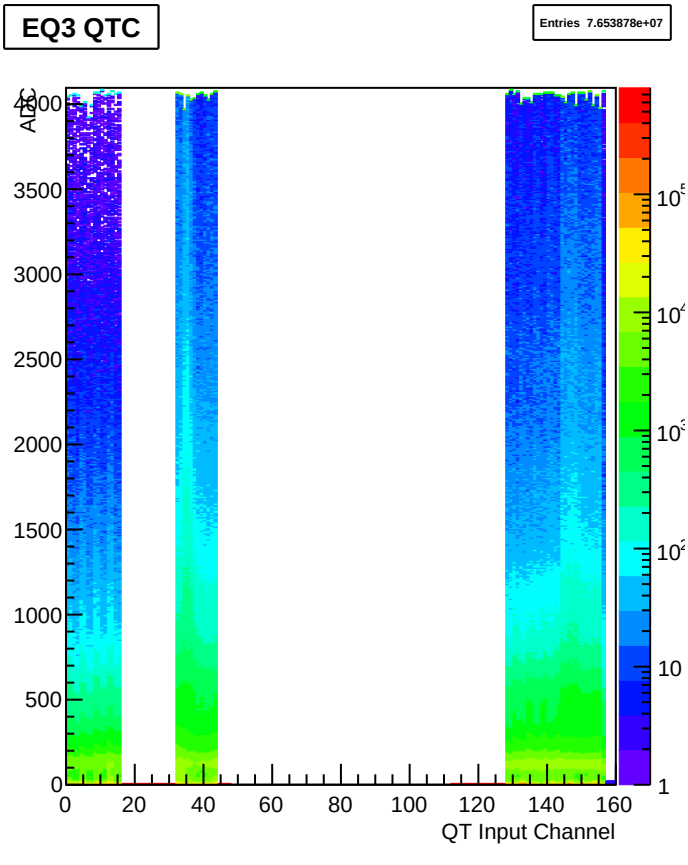

EQ2 QTB
Entries 5.718542e+07
TDC
QT Input Channel


EQ2 QTC
Entries 7.653878e+07
ADC
QT Input Channel


EQ2 QTC
Entries 7.653878e+07
TADC
QT Input Channel


EQ3 QTB
Entries 2.041034e+08
ADC
QT Input Channel


EQ3 QTB
Entries 6.02371e+07
TDC
QT Input Channel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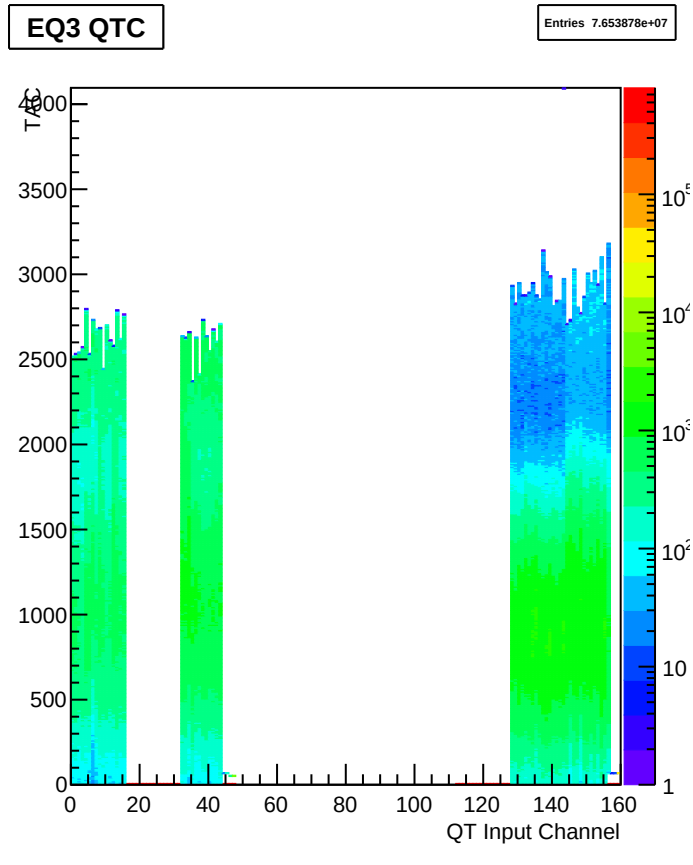
Entries 7.653878e+07
ADC
QT Input Channel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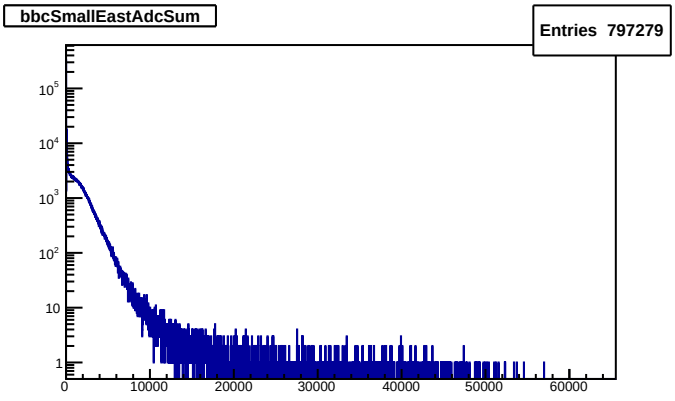
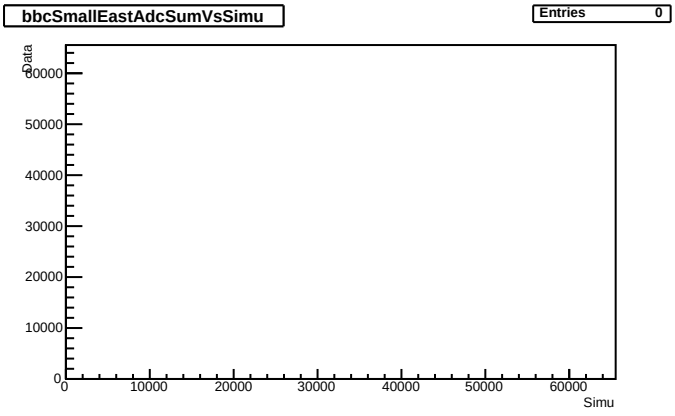
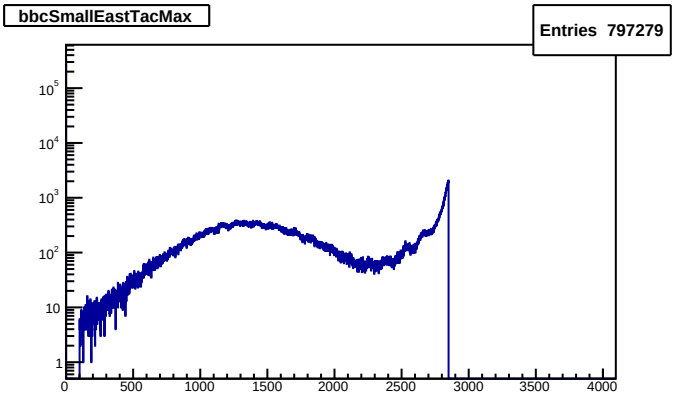
Entries 7.653878e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 797279


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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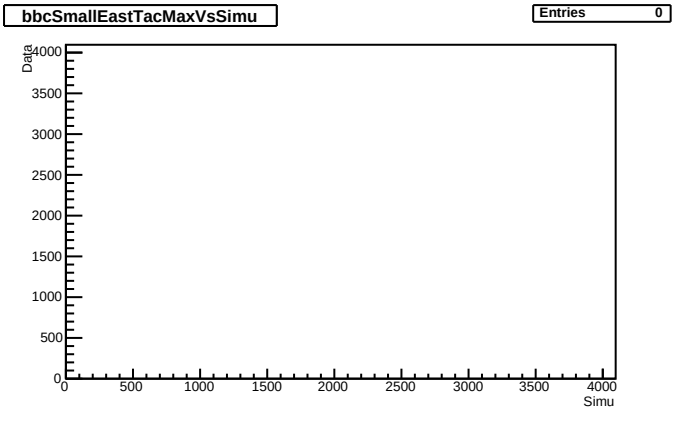
Entries 797279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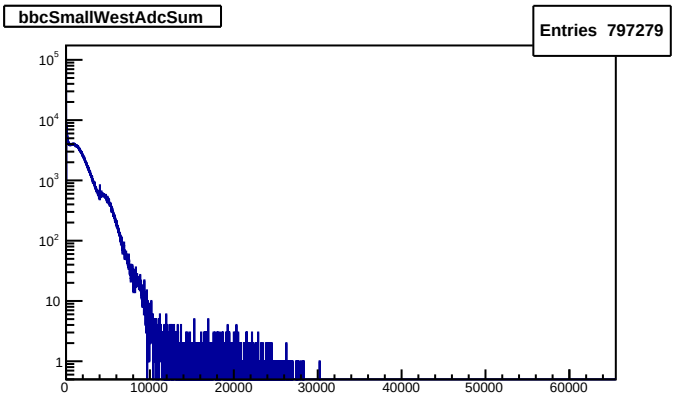
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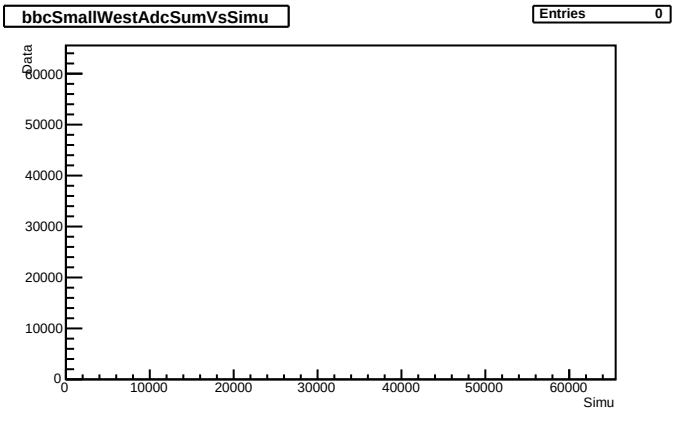
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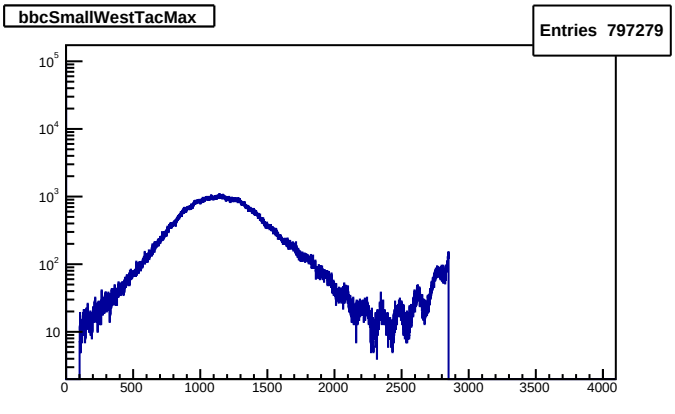
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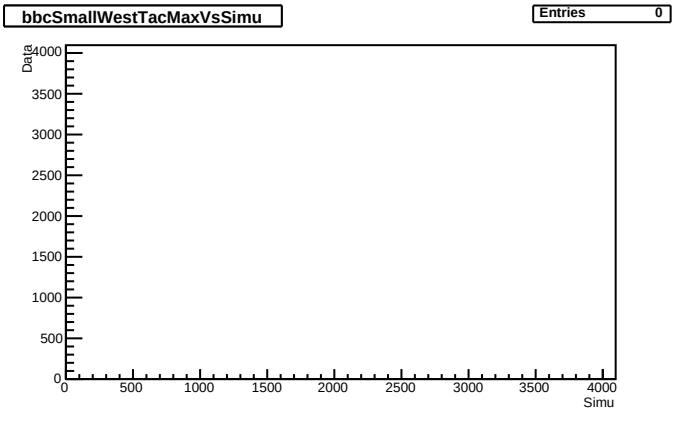
bbcSmallWestTacMaxVsSimu
Entries 0
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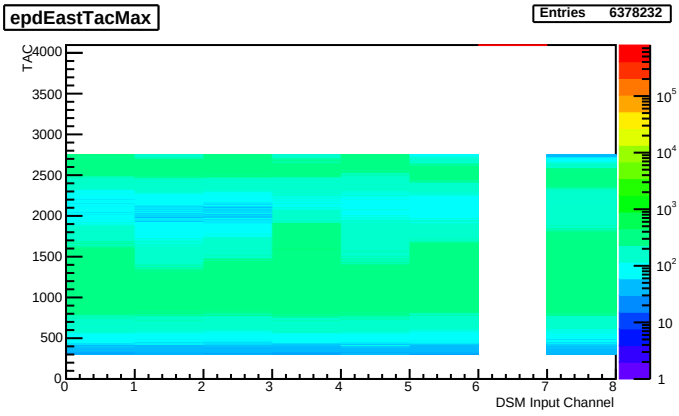
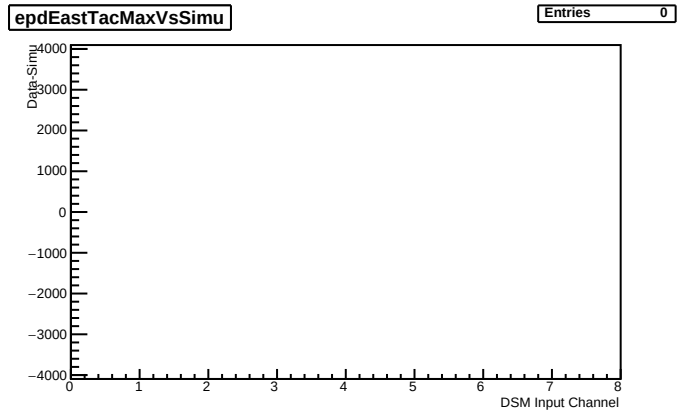
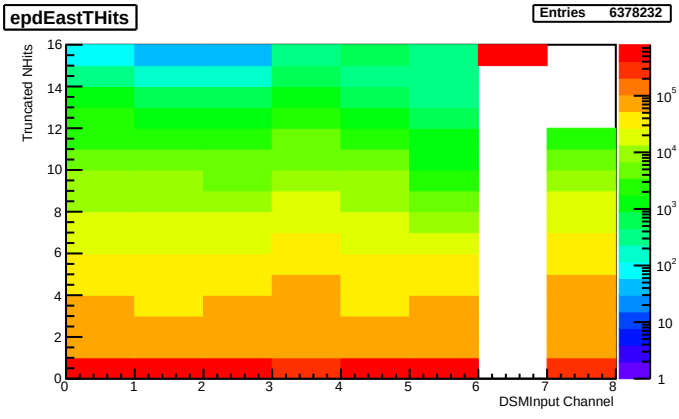
Simu


epdEastTacMax
Entries 6378232
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 6378232
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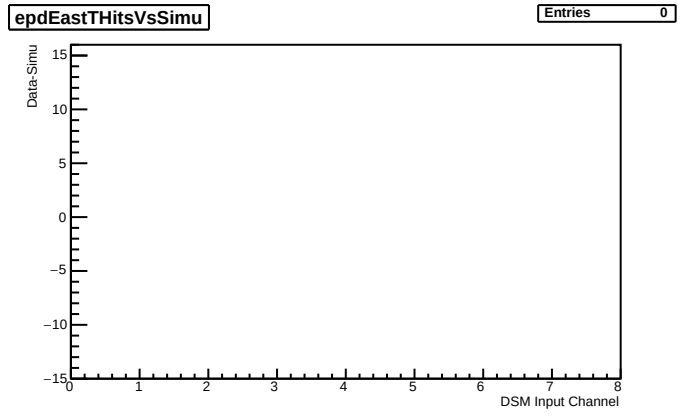
DSMInput Channel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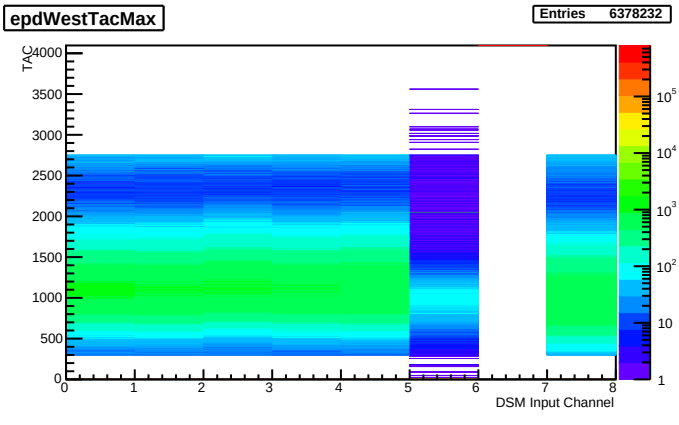
DSM Input Channel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Entries 6378232
TAC
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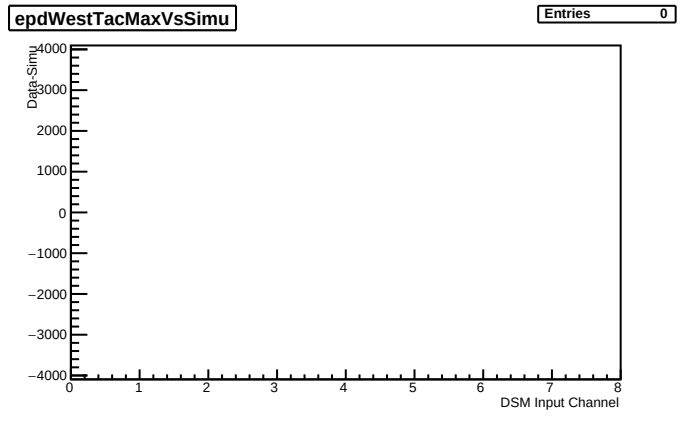
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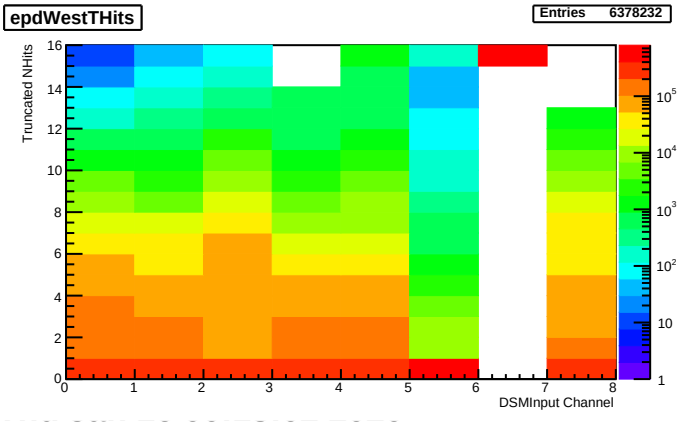
Data-Simu
DSM Input Channel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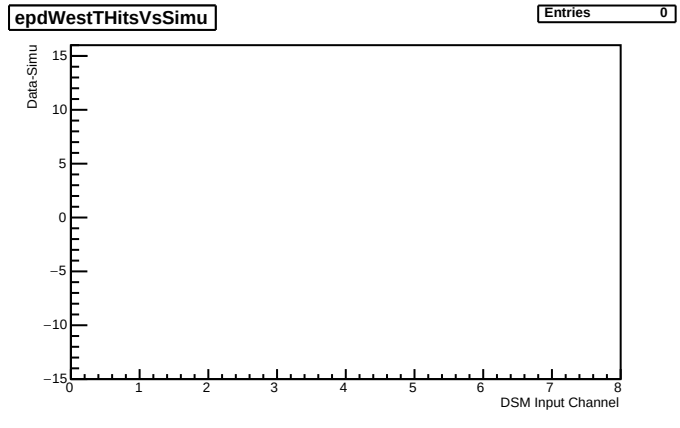
DSMInput Channel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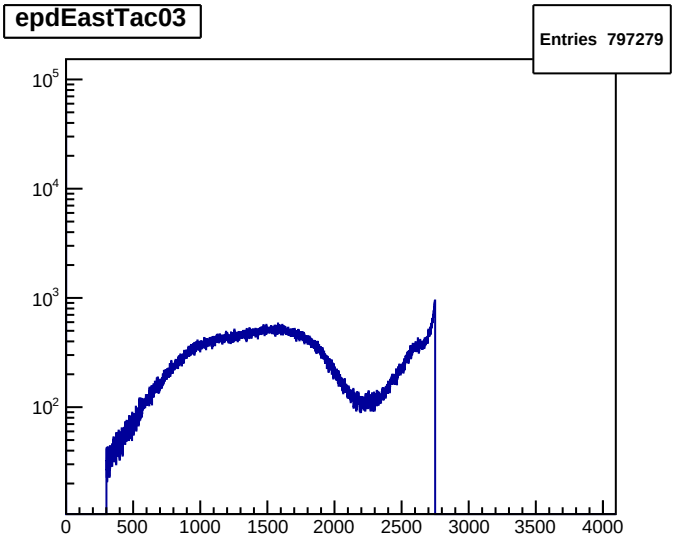
Data-Simu
DSM Input Channel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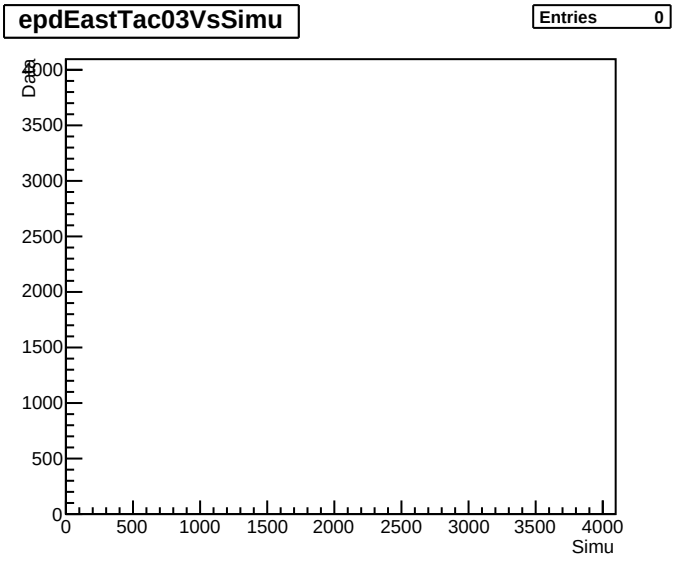
Entries 797279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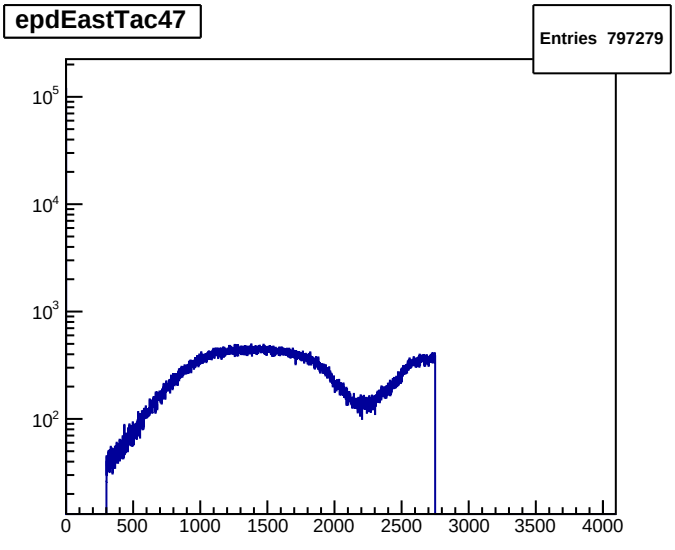
Entries 0
Data
Simu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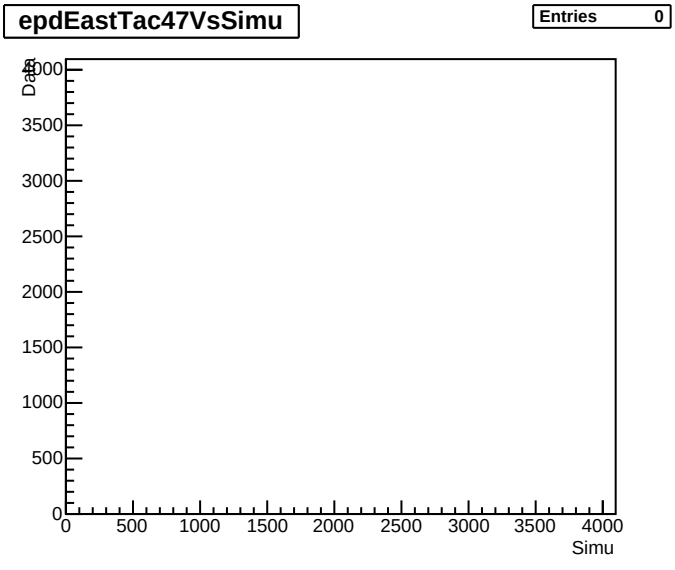
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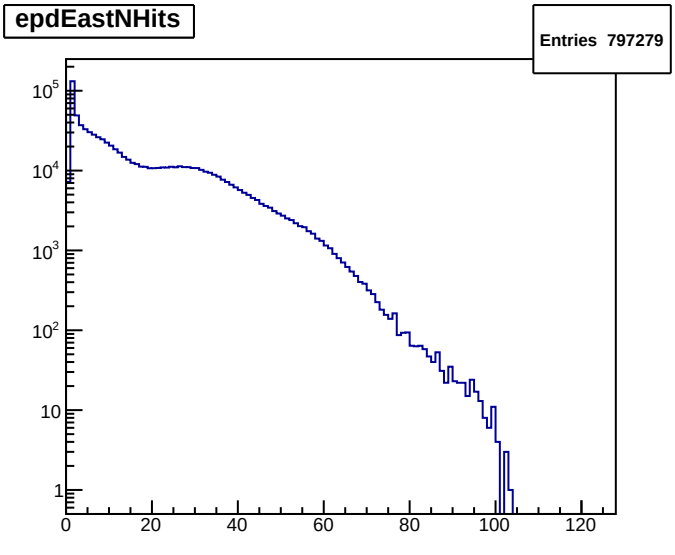
Entries 0
Data
Simu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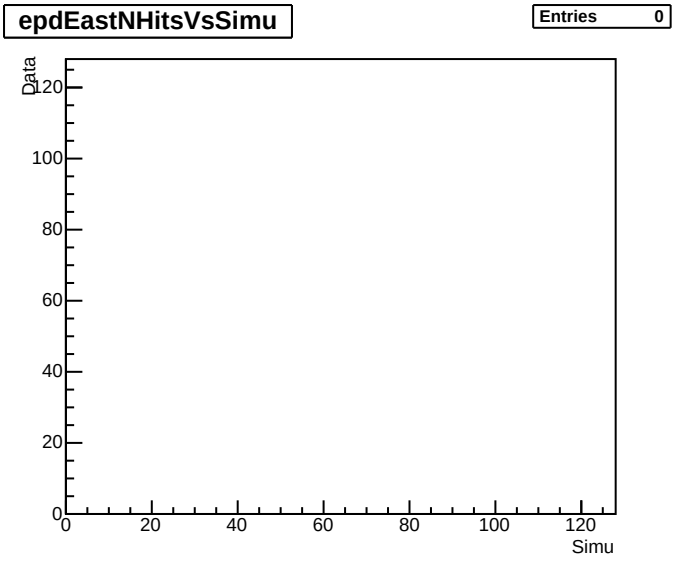
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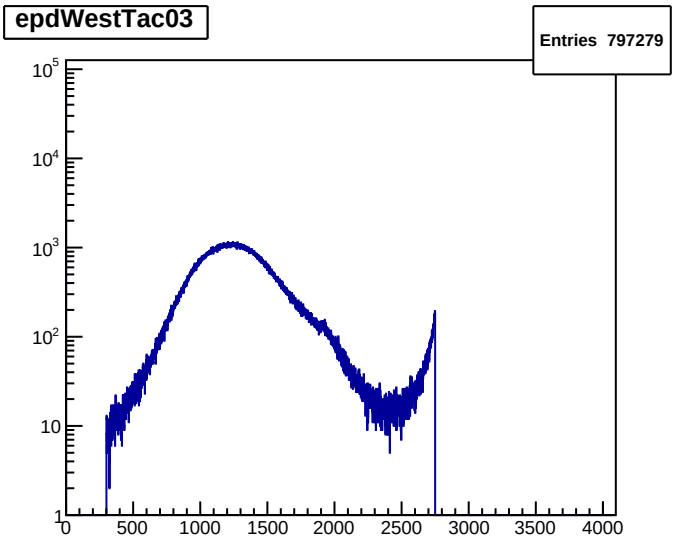
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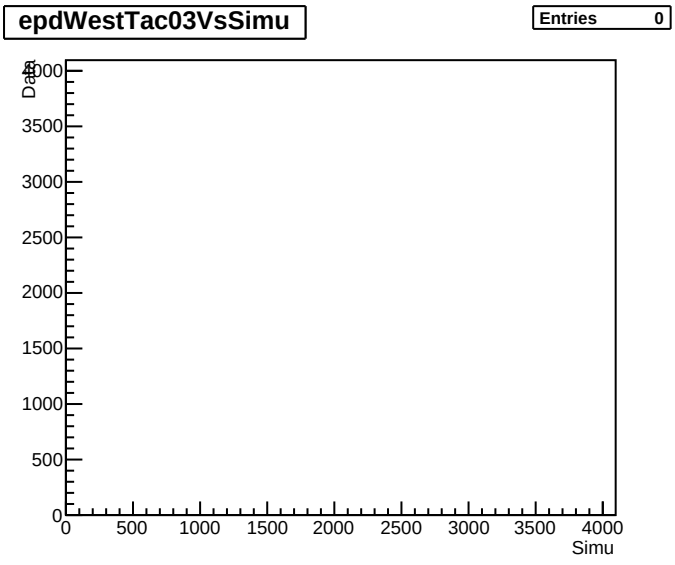
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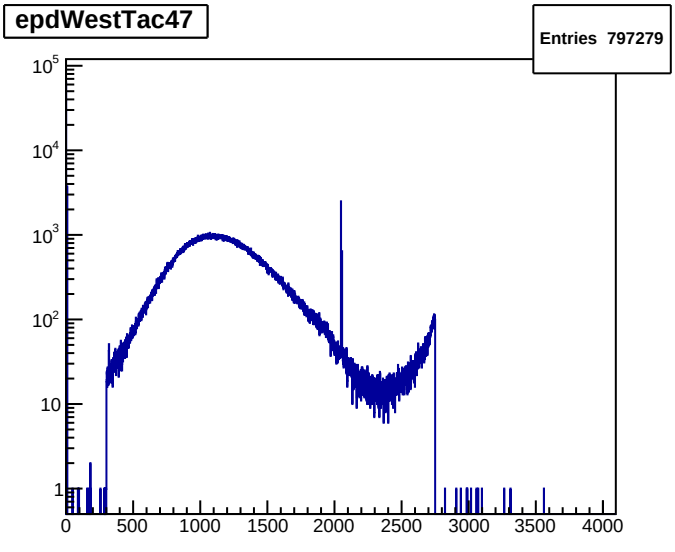
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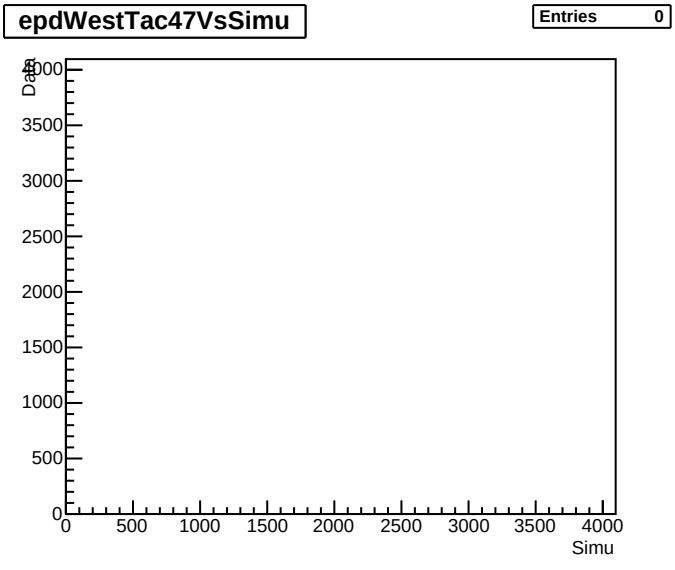
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Data
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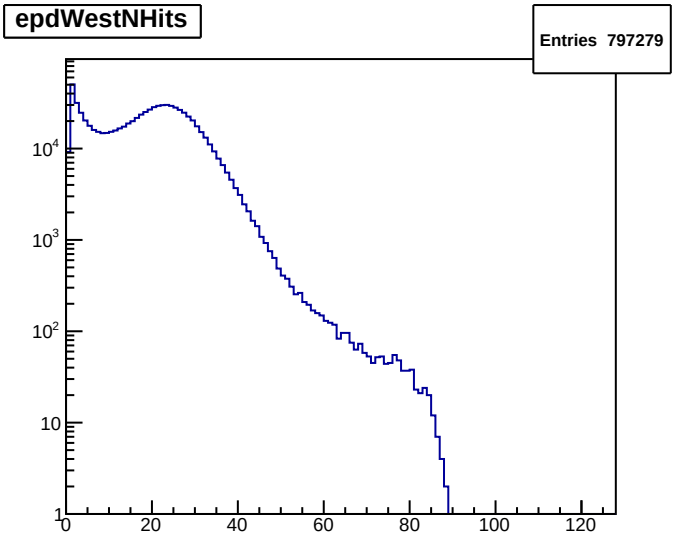
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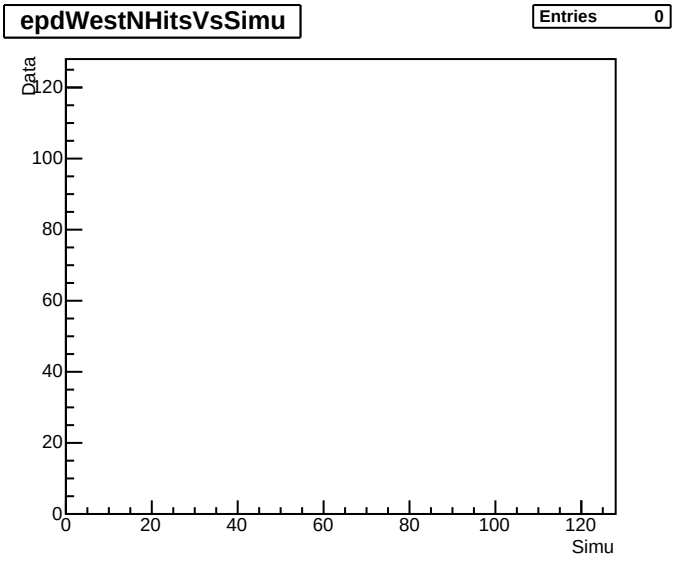
Entries 797279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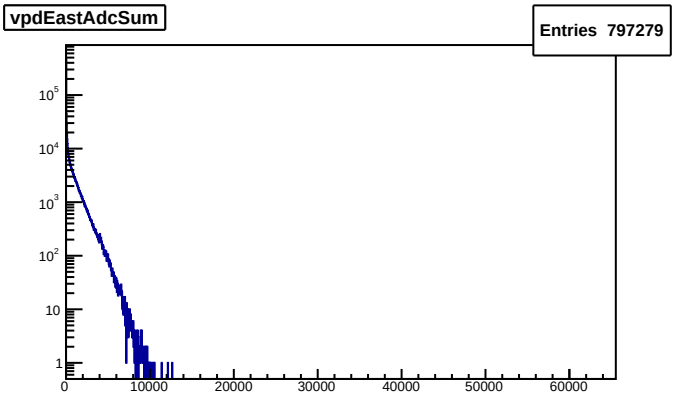
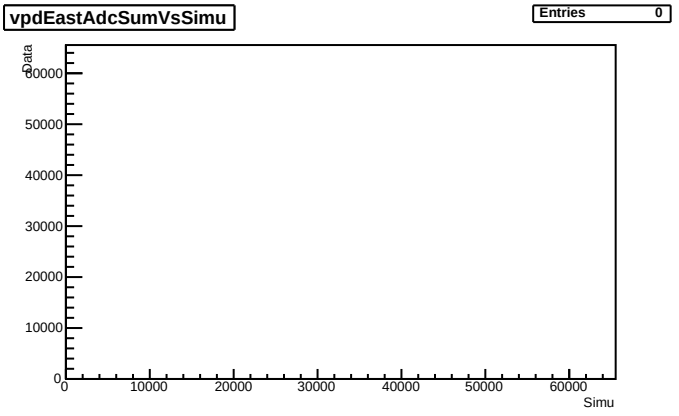
Entries 0
Data
Simu


vpdEastAdcSum
Entries 797279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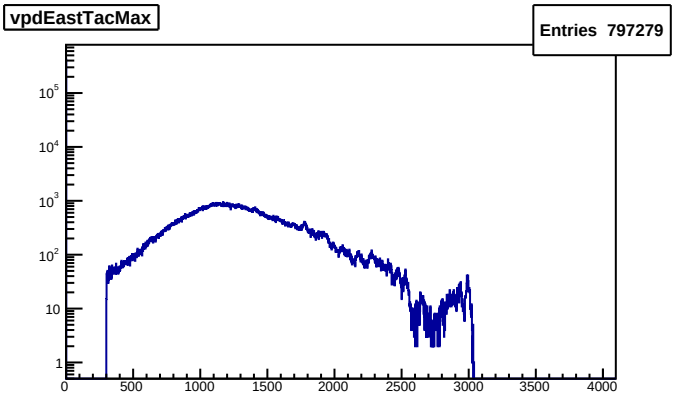
Data
Simu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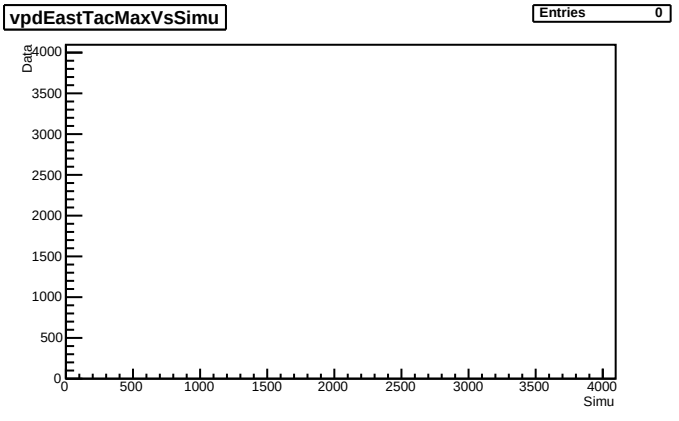
Entries 797279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Entries 0
Data
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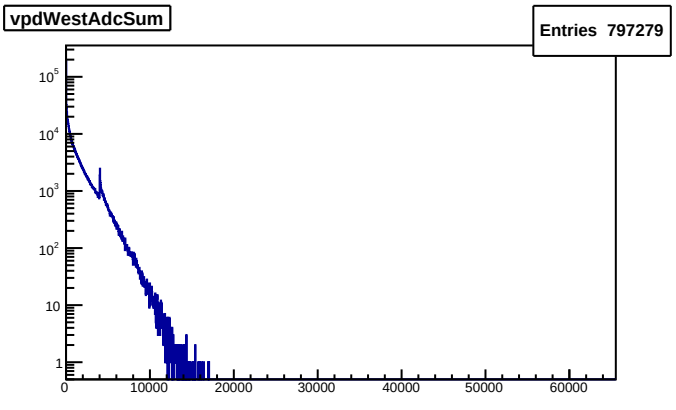
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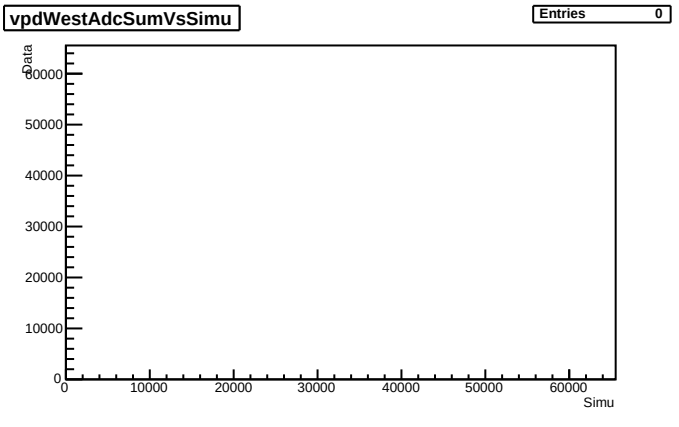
Entries 797279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Entries 0
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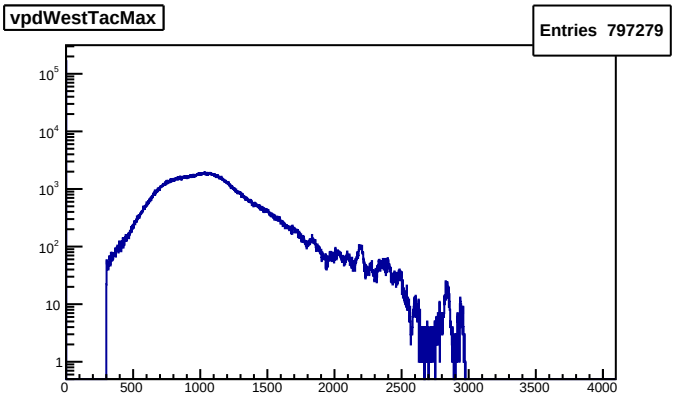
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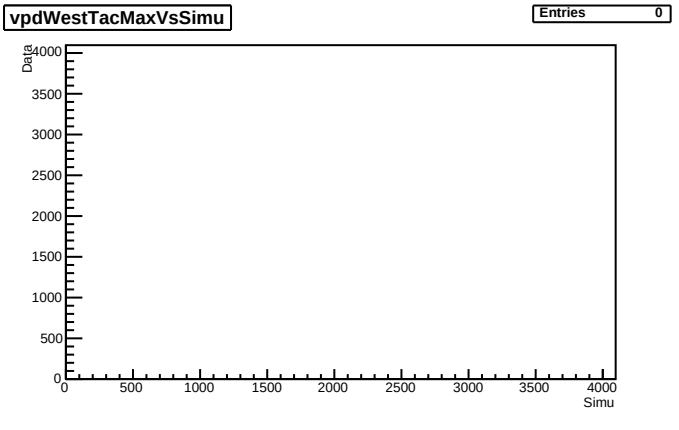
Entries 797279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Entries 0
Data
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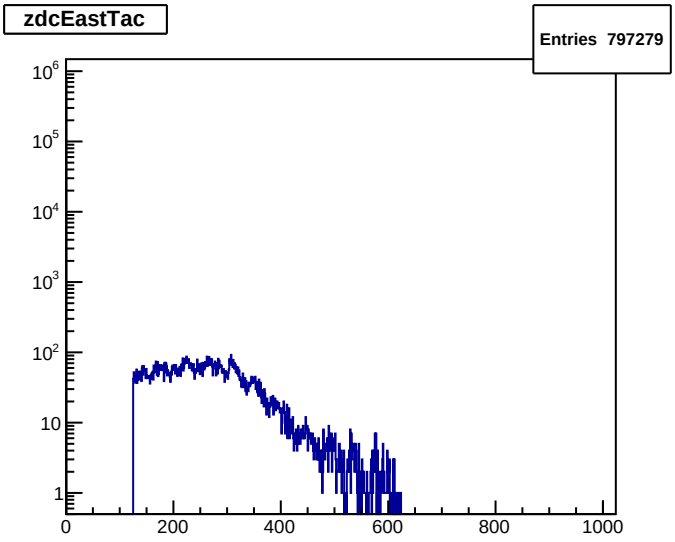
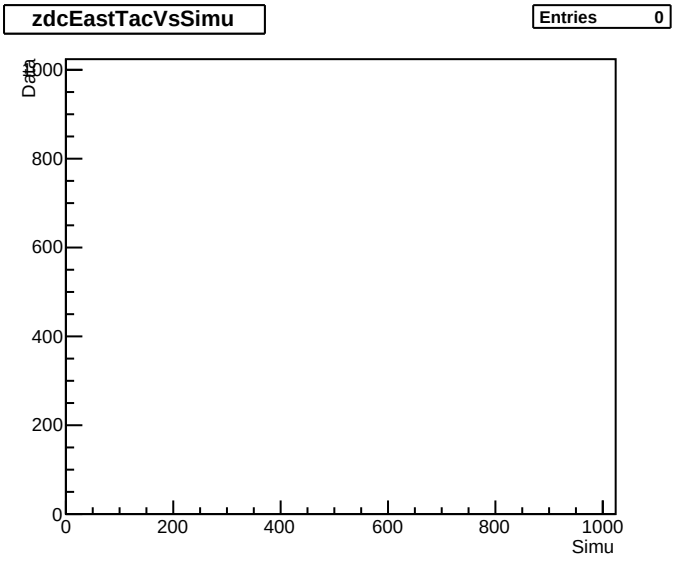

zdcEastTac
Entries 797279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Entries 0
Data
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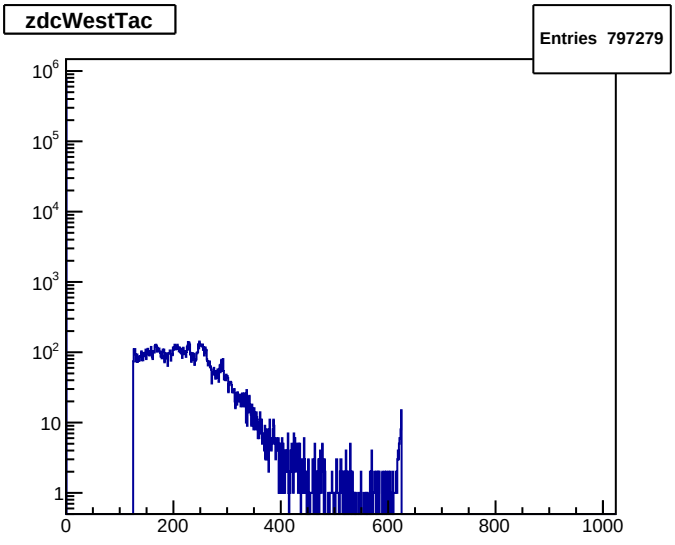
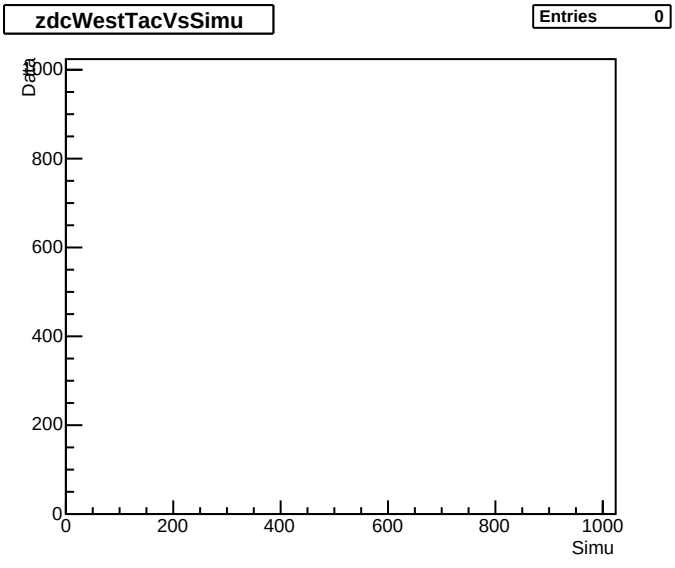
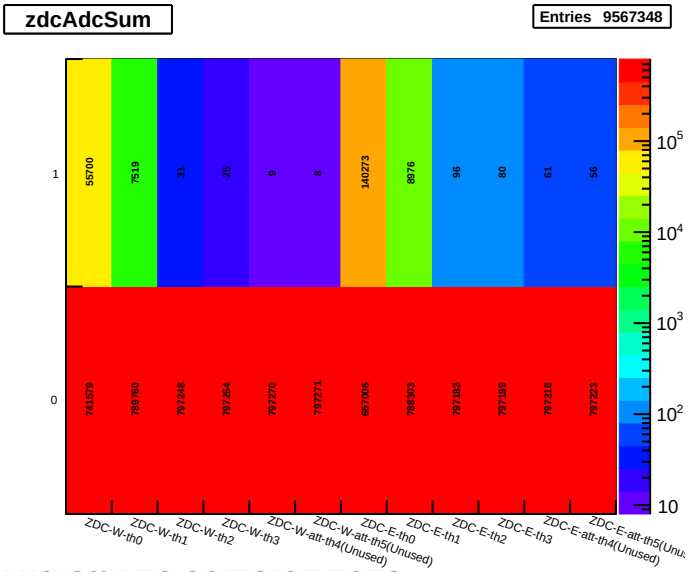

zdcWestTac
Entries 797279


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 9567348
55700
7519
31
25
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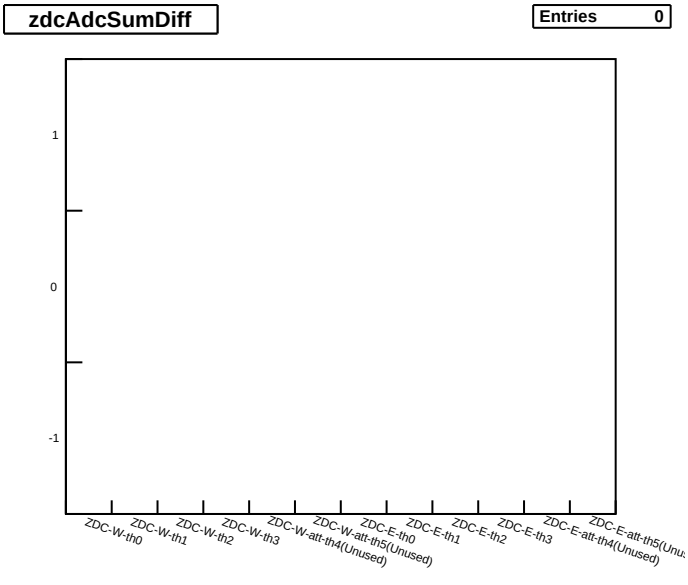
8
140273
8976
96
80
61
56
741579
789760
797248
797254
797270
797271
657006
788303
797183
797199
797218
797223
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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)
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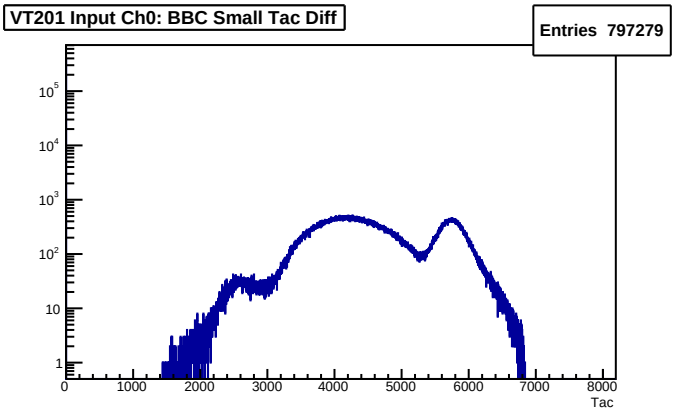
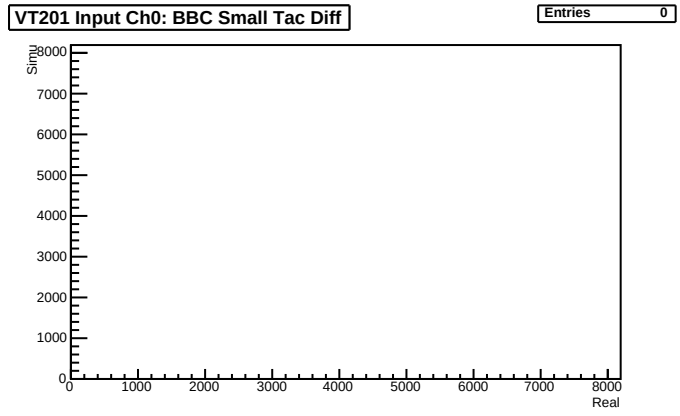
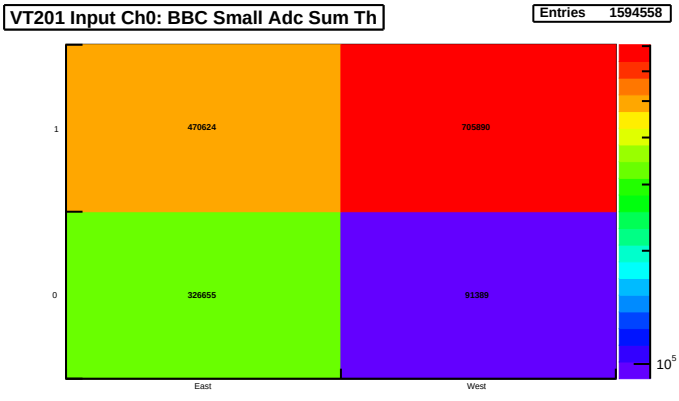
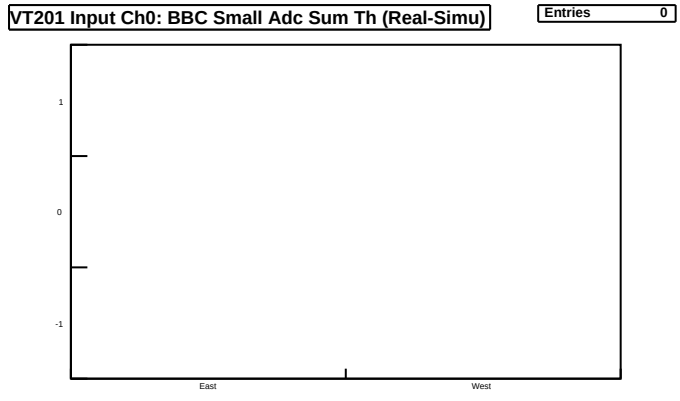
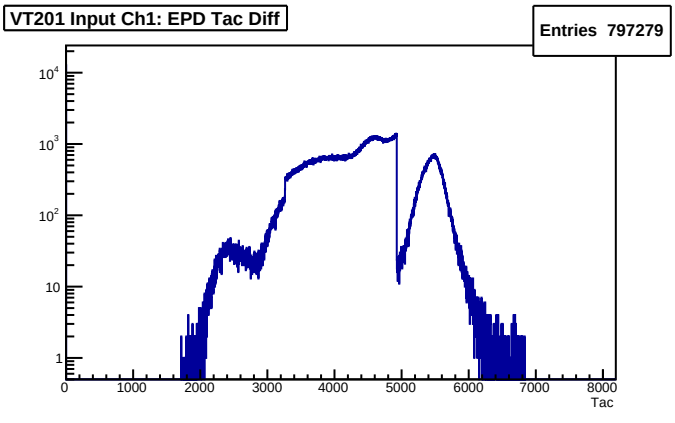
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

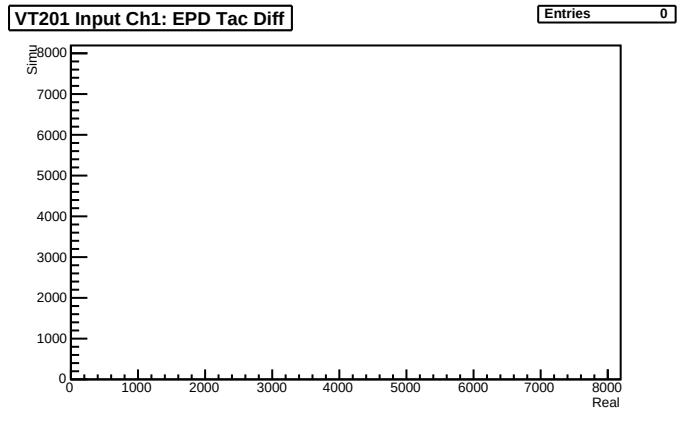

VT201 Input Ch0: BBC Small Tac Diff
Entries 797279
Tac

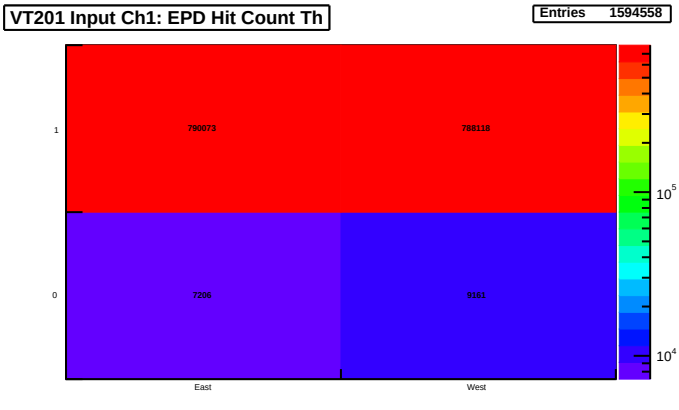

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

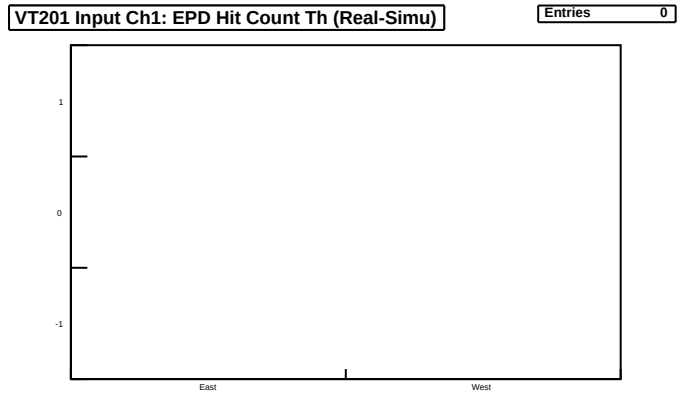

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1594558
470624
705890
326655
91389
East
West

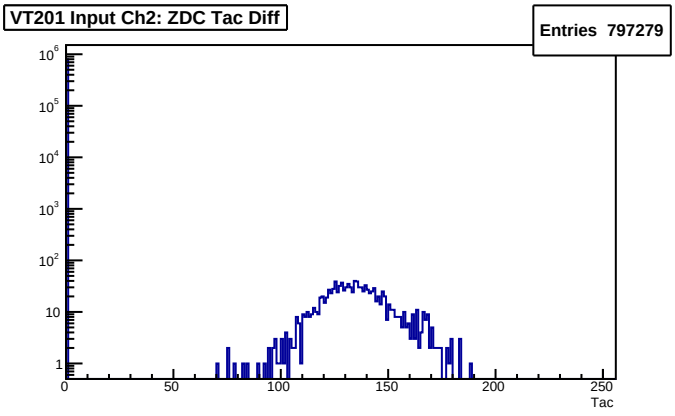

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

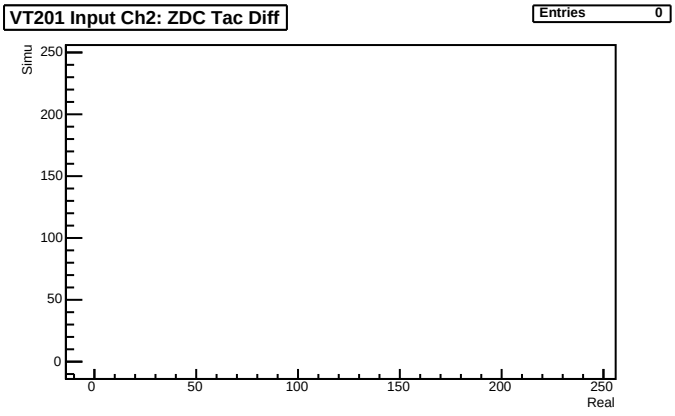

VT201 Input Ch1: EPD Tac Diff
Entries 797279
Tac

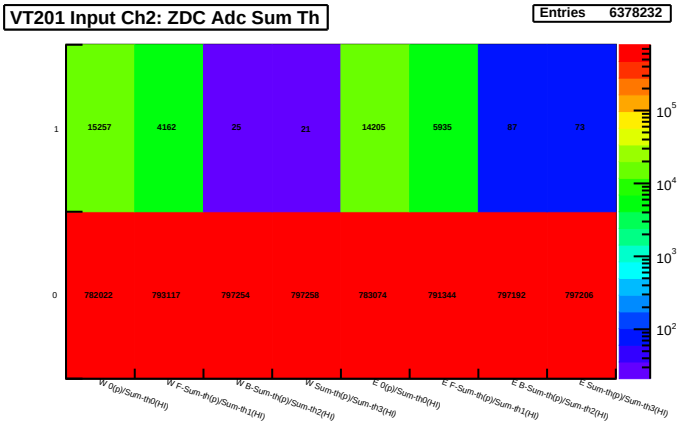

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

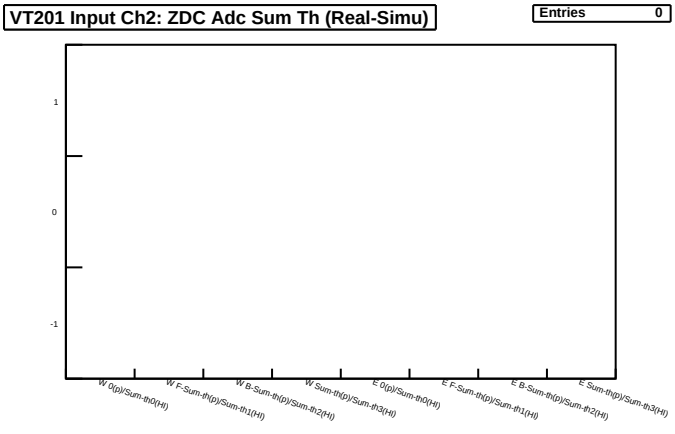

VT201 Input Ch1: EPD Hit Count Th
Entries 1594558
790073
788118
7206
9161
East
West

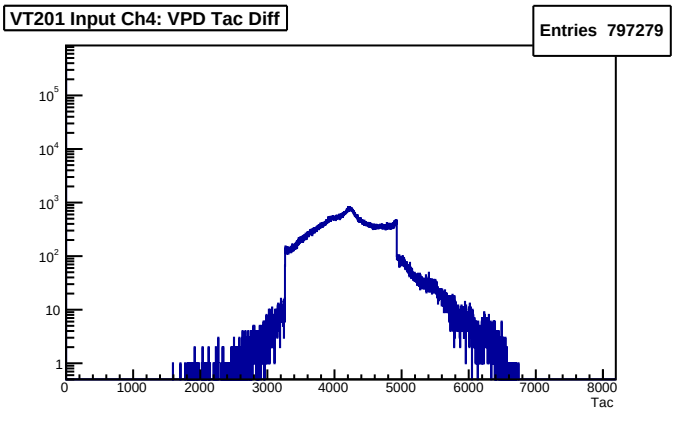

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

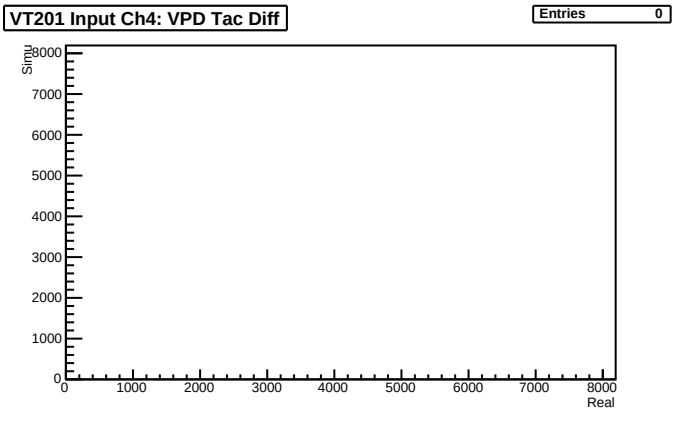

VT201 Input Ch2: ZDC Tac Diff
Entries 797279
Tac

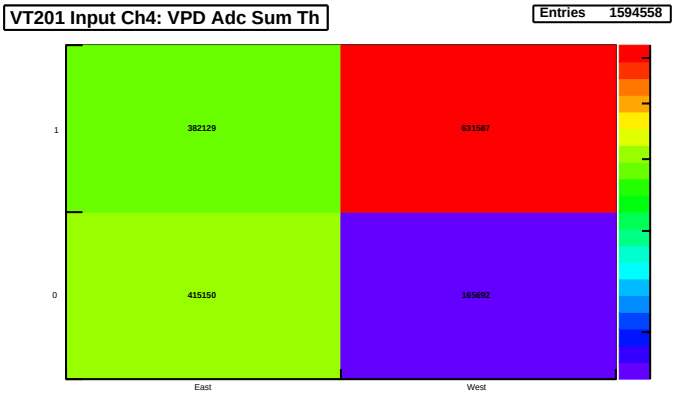

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

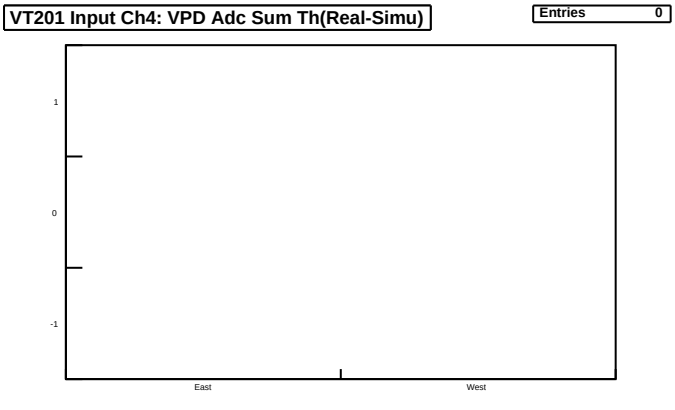

VT201 Input Ch2: ZDC Adc Sum Th
Entries 6378232
15257
4162
25
21
14205
5935
87
73
782022
793117
797254
797258
783074
791344
797192
797206
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

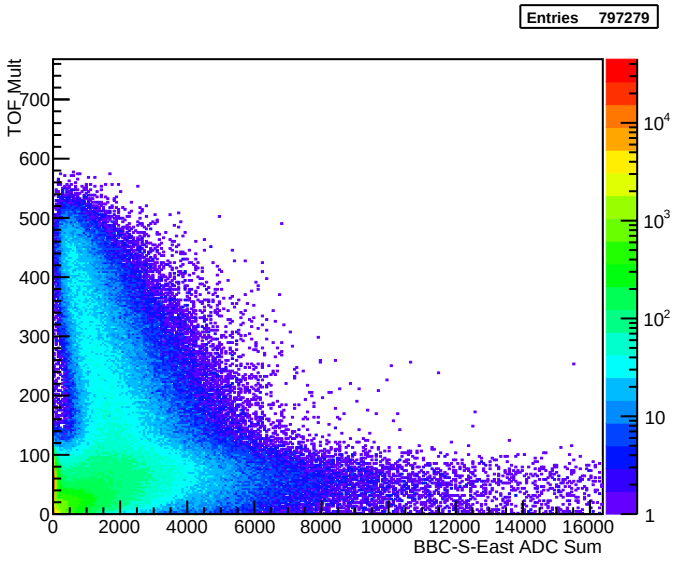

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

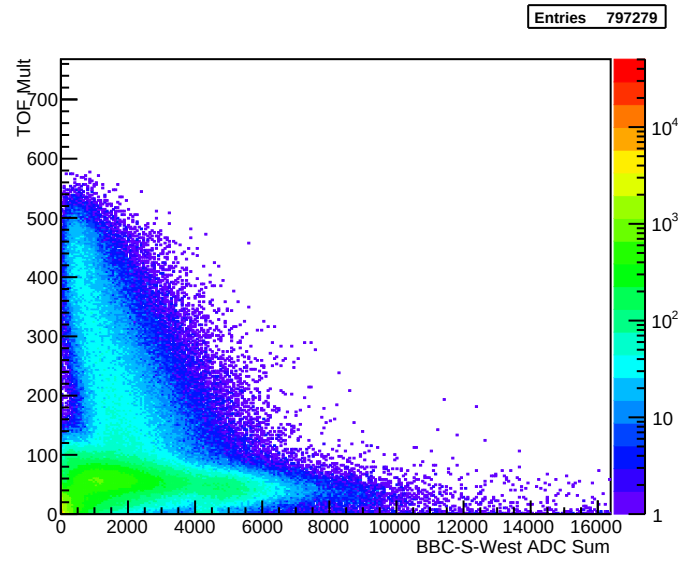

VT201 Input Ch4: VPD Tac Diff
Entries 797279
Tac

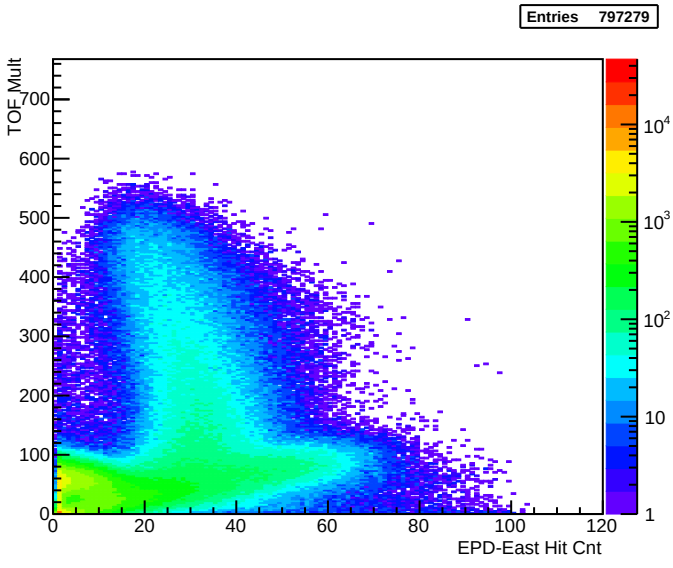

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

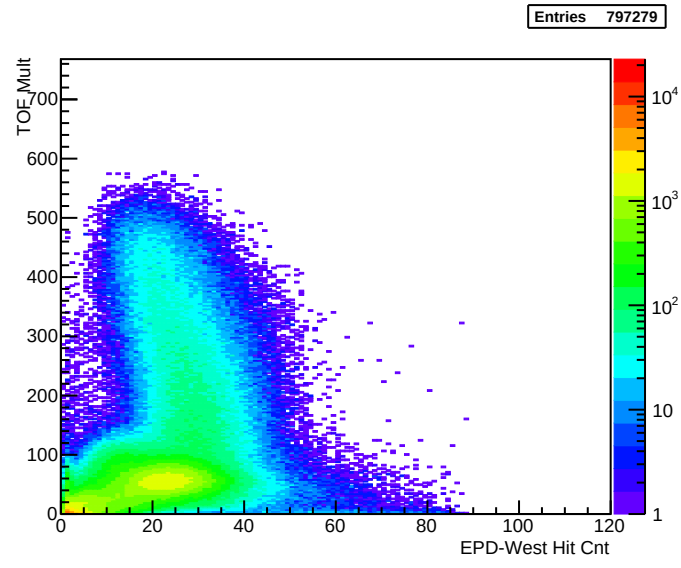

VT201 Input Ch4: VPD Adc Sum Th
Entries 1594558
382129
631587
415150
165692
East
West

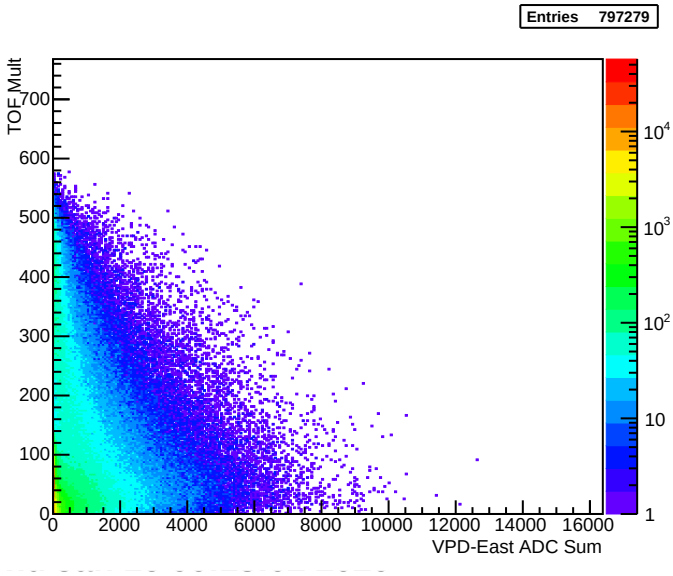

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

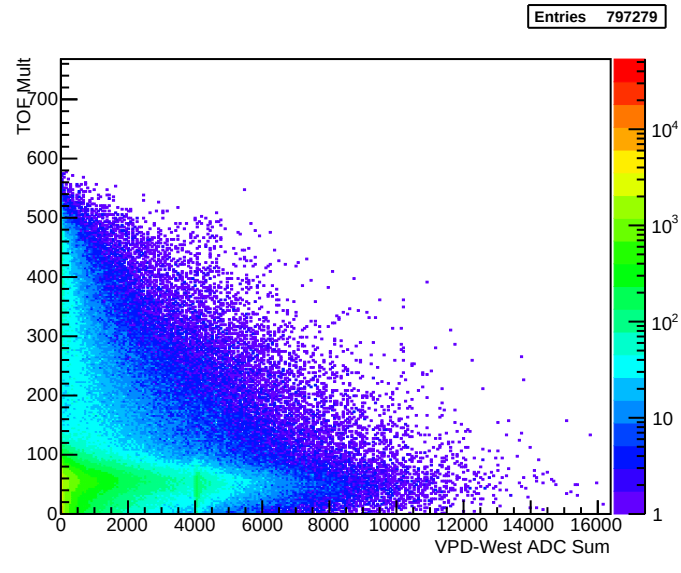

Entries 797279
TOF_Mult
BBC-S-East ADC Sum

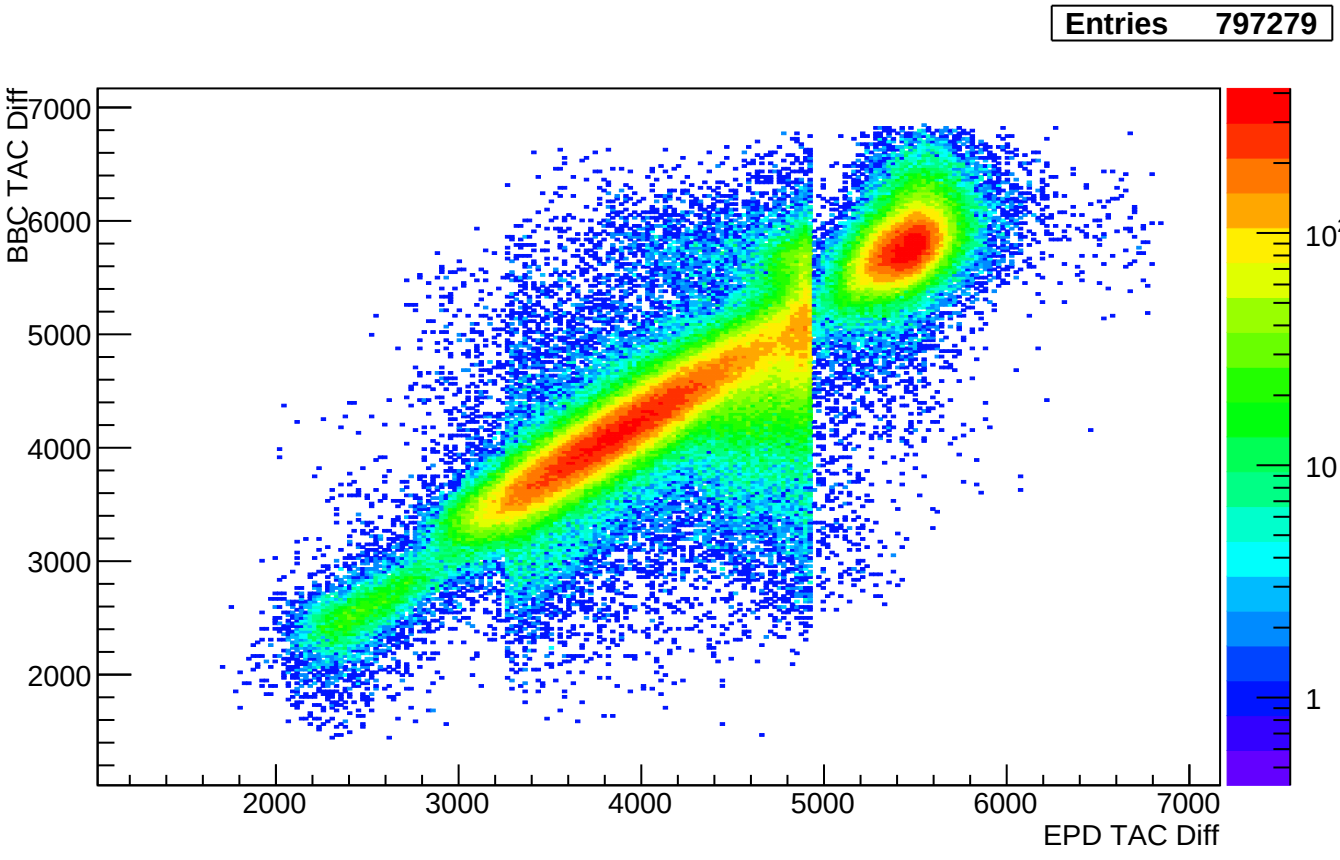

Entries 797279
TOF_Mult
BBC-S-West ADC Sum

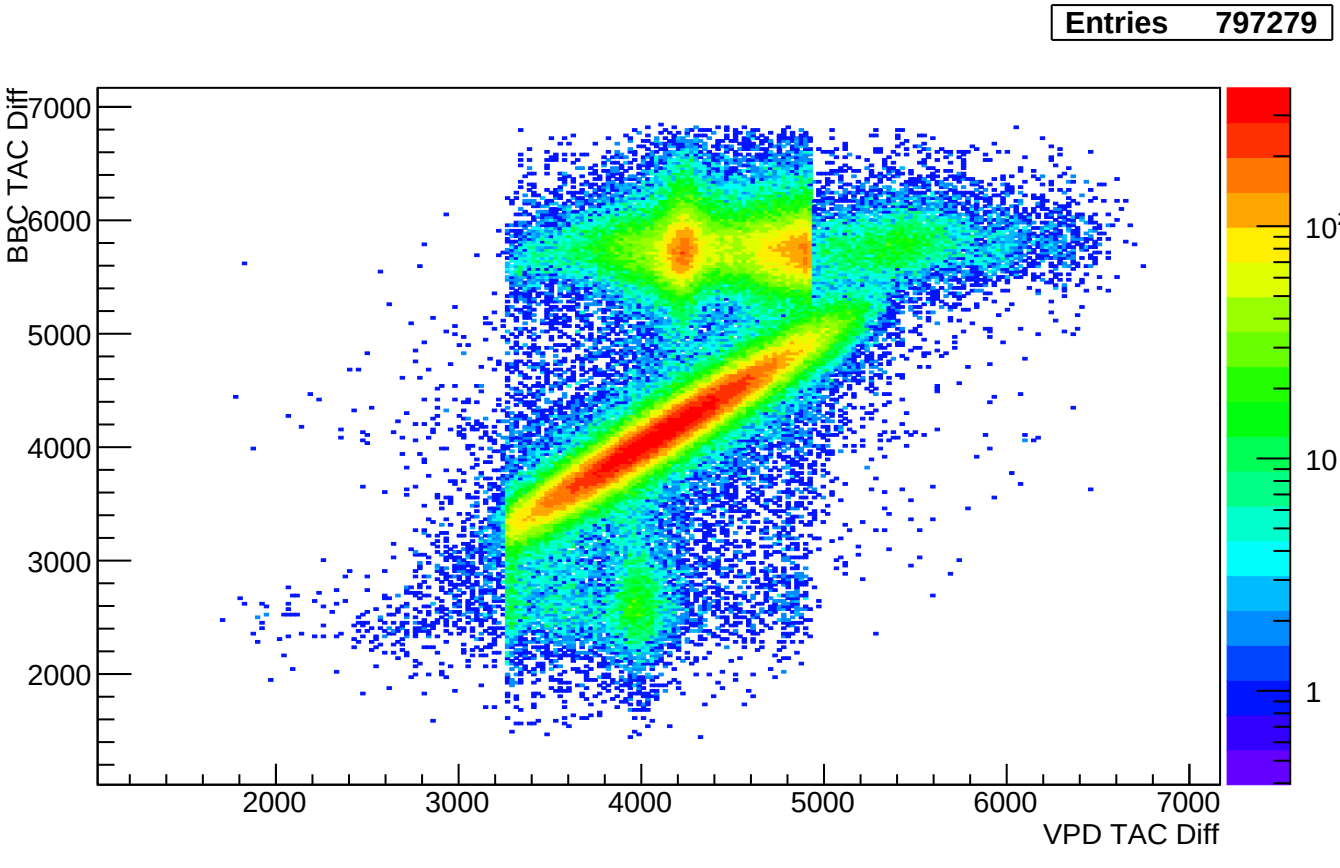

Entries 797279
TOF_Mult
EPD-East Hit Cnt

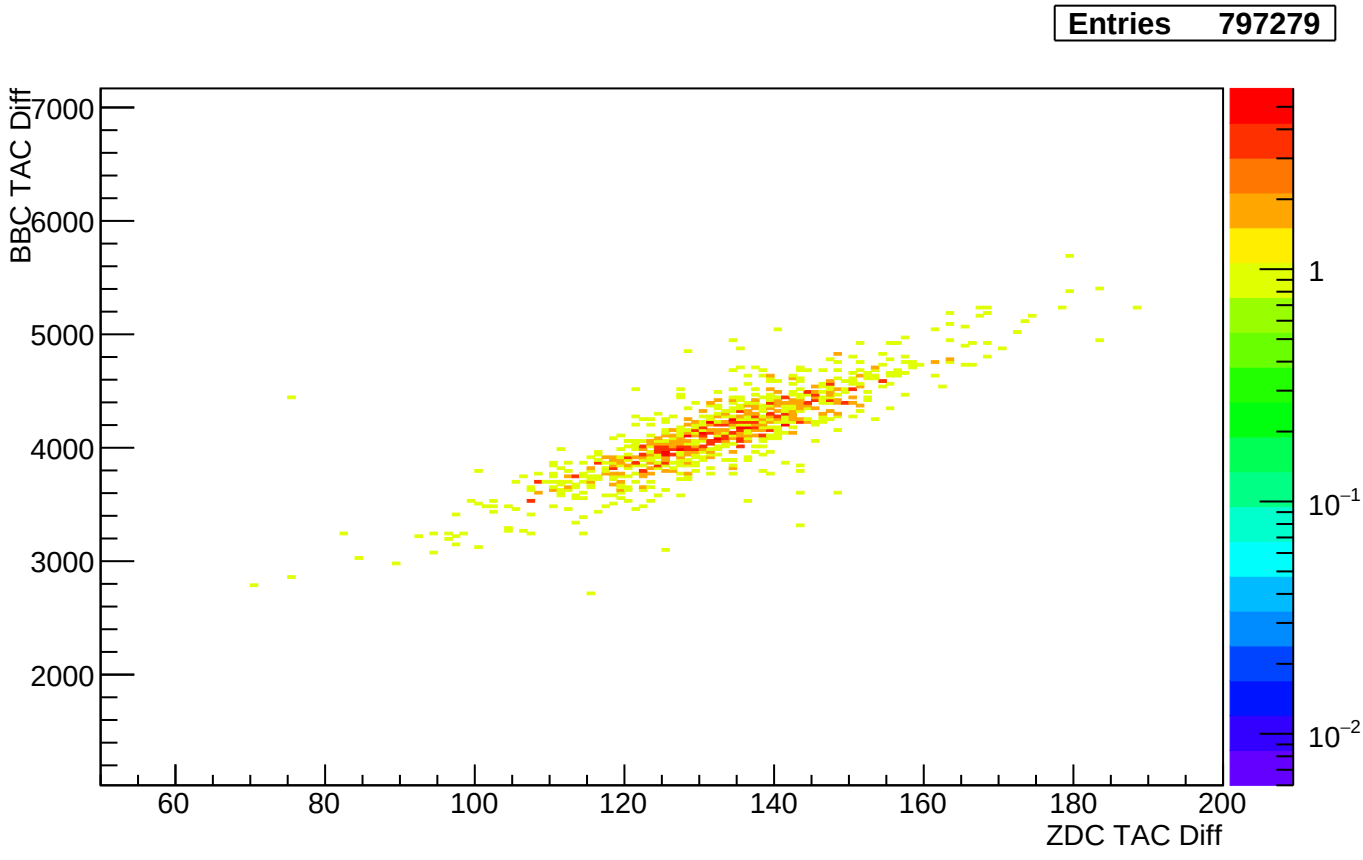

Entries 797279
TOF_Mult
EPD-West Hit Cnt

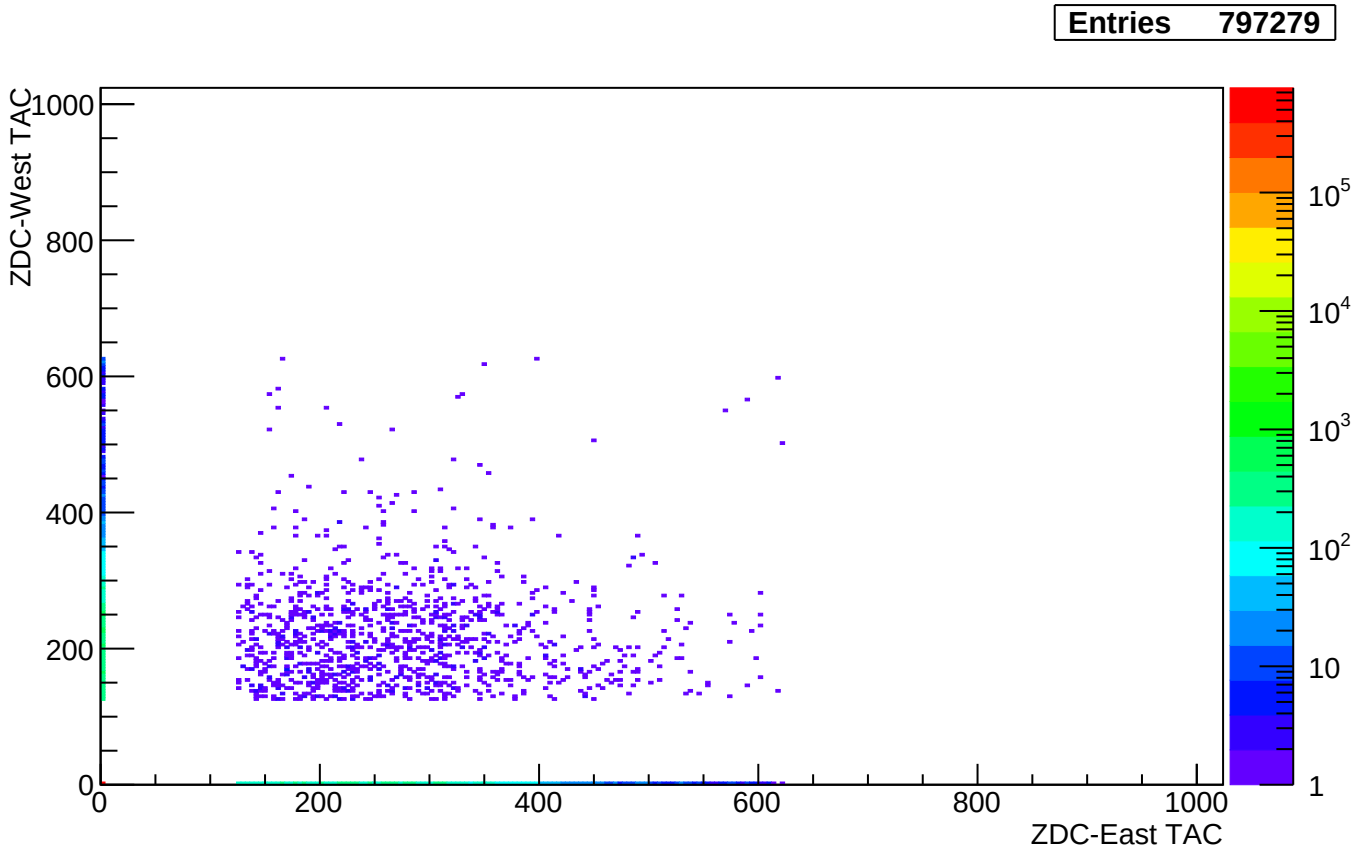

Entries 797279
TOF_Mult
VPD-East ADC Sum

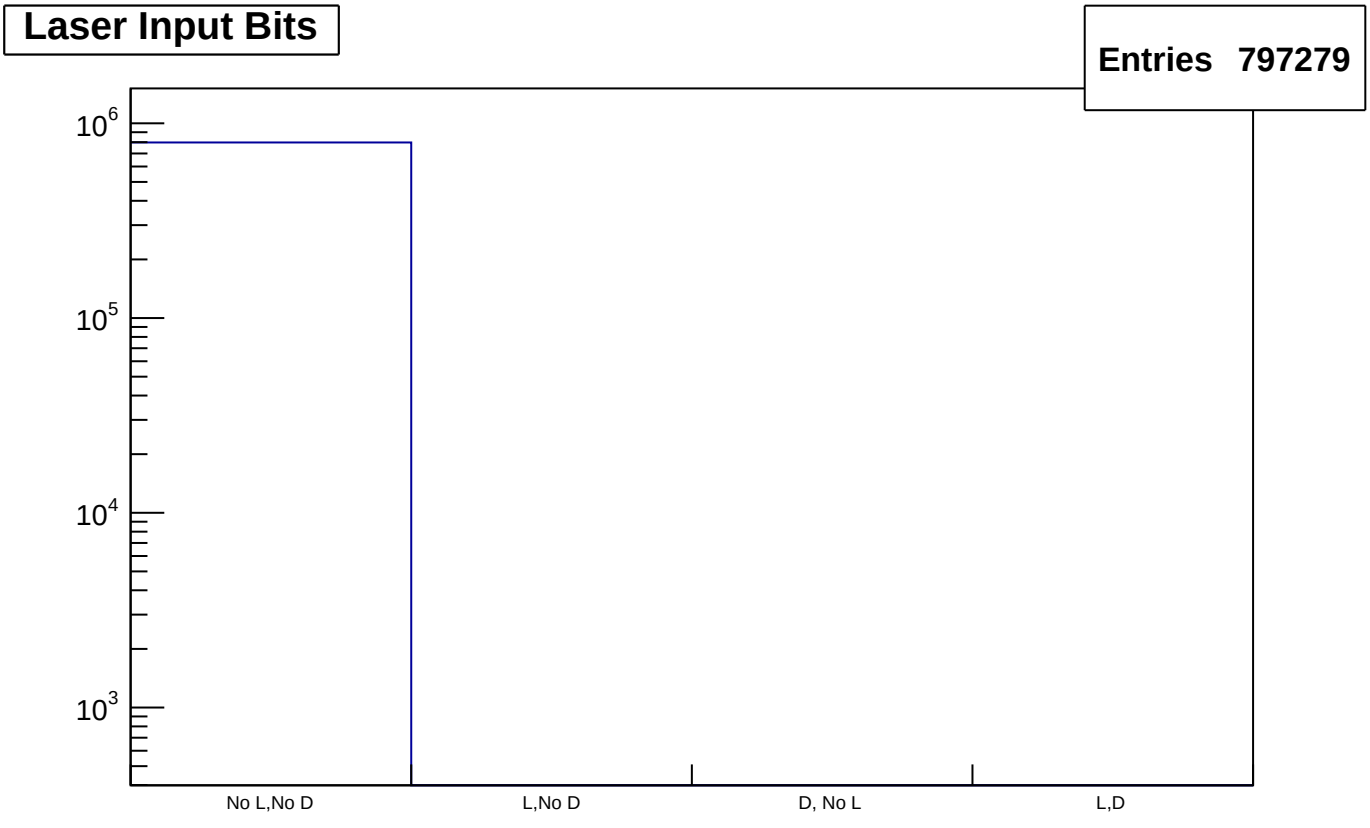

Entries 797279
TOF_Mult
VPD-West ADC Sum

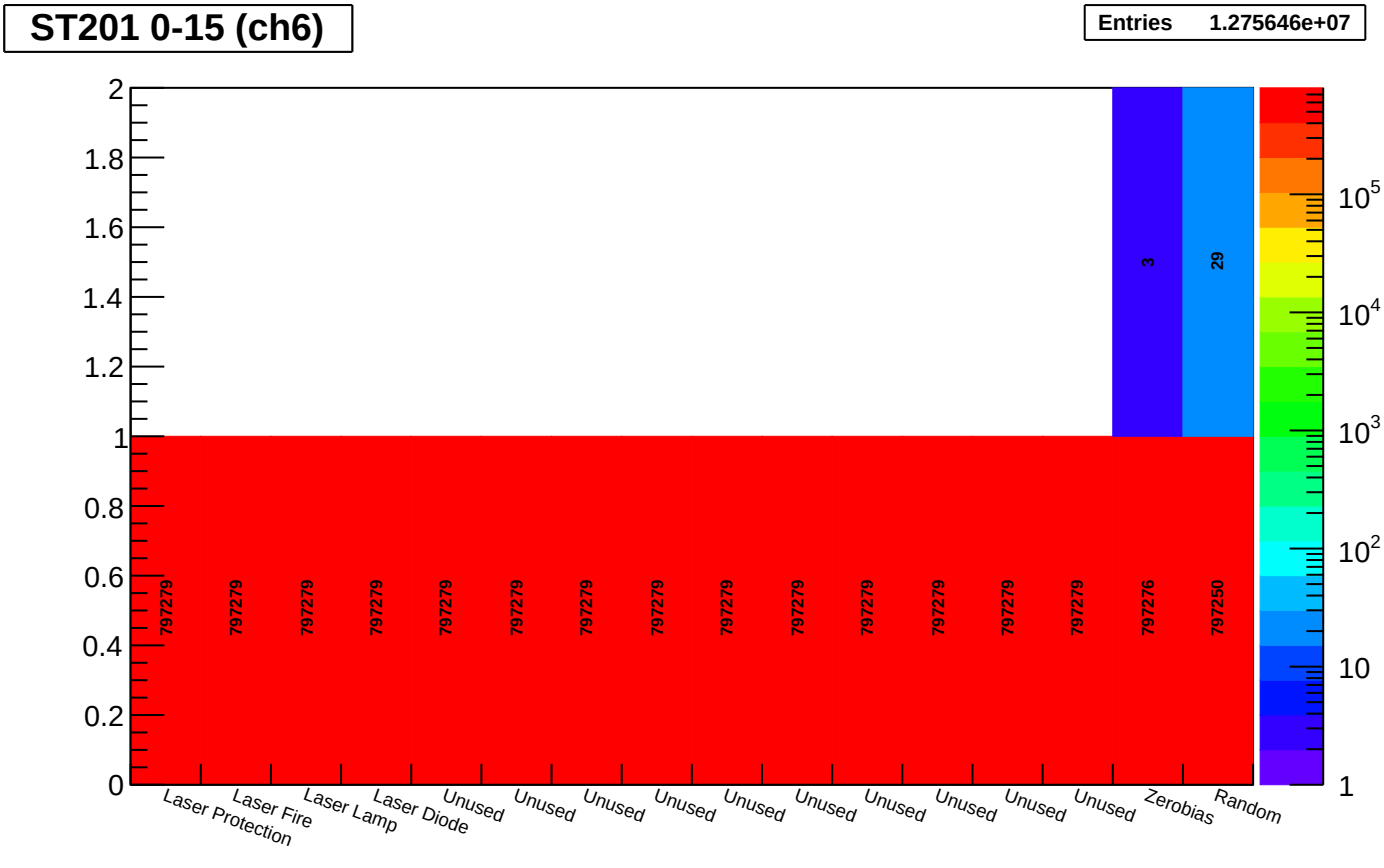

Entries 797279
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

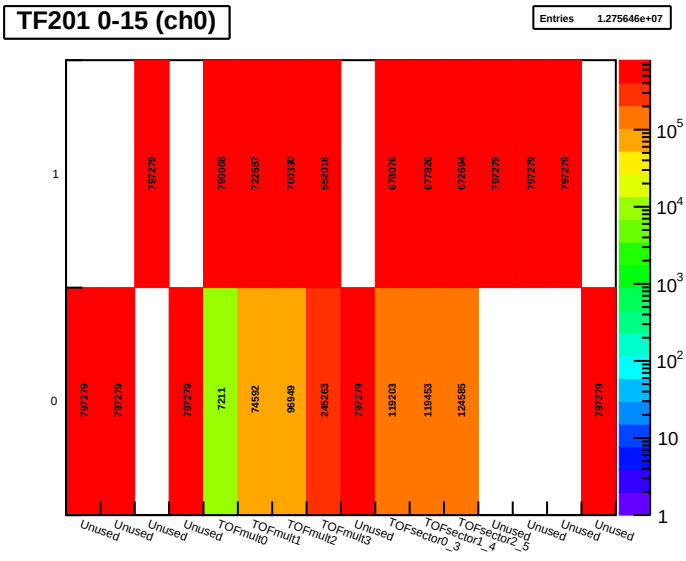

Entries 797279
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

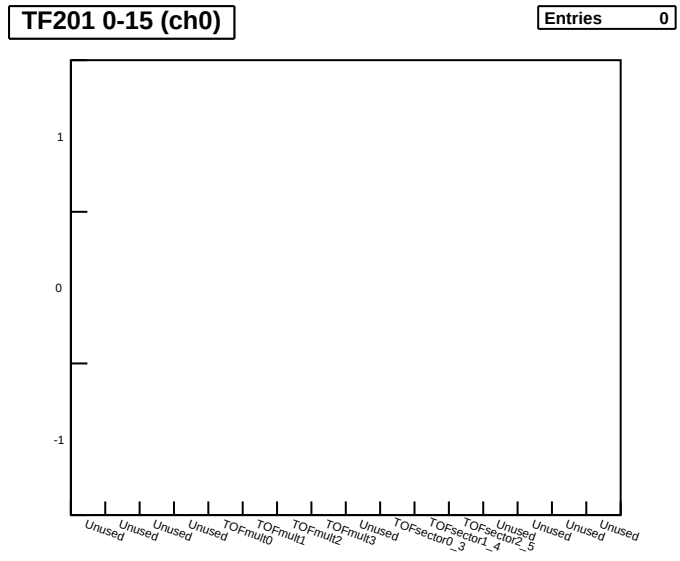

Entries 797279
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

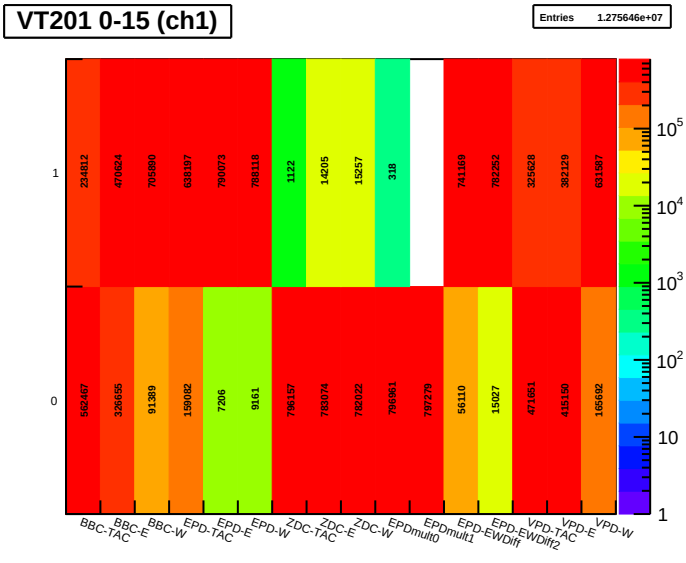

Entries 797279
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

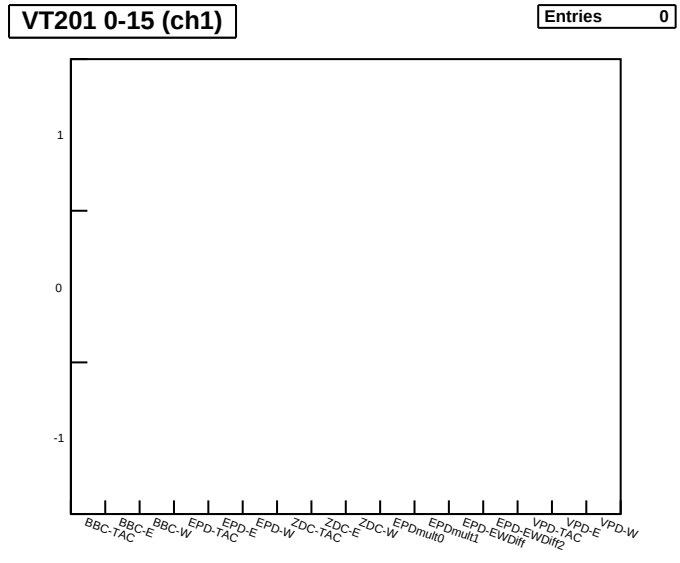

Laser Input Bits
Entries 797279
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

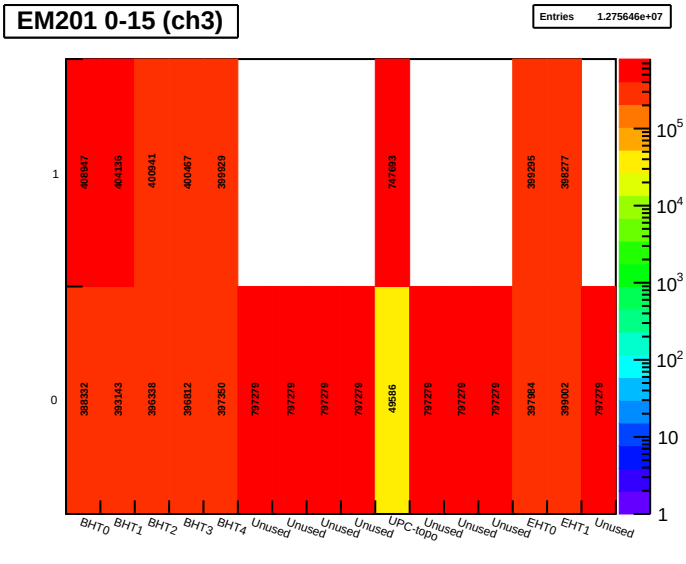

ST201 0-15 (ch6)
Entries 1.275646e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
797279
797279
797279
797279
797279
797279
797279
797279
797279
797279
797279
797279
797279
797279
797276
797250
3
29
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

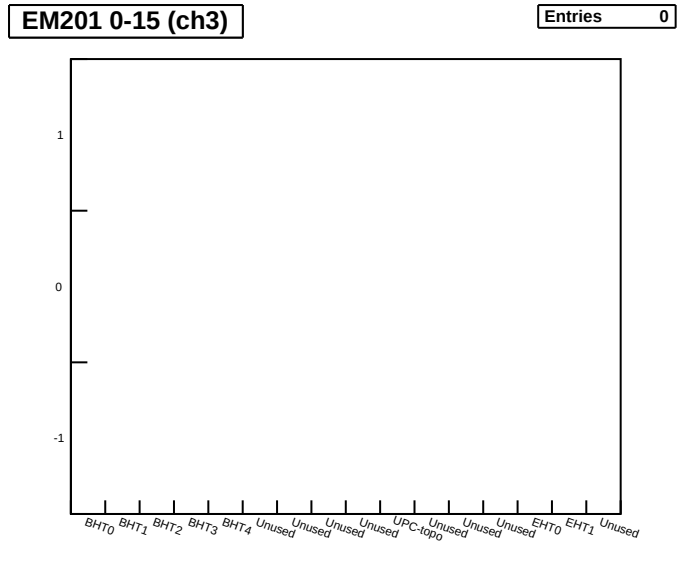

TF201 0-15 (ch0)
Entries 1.275646e+07
1
0
797279 797279 797279 797279 797279 797279 797279 797279 797279 797279 797279 797279 797279 797279 797279 797279
790068 722687 790330 552016 678076 677826 672694 797279 797279 797279
7211 74592 96949 246263 119203 119453 124585
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 1.275646e+07
1
0
234812 470624 705890 638197 790073 788118 1122 14205 15257 318 741169 782252 325628 382129 631587
562467 326655 91389 159082 7206 9161 796157 783074 792022 796561 797279 56110 15027 471651 415150 165692
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 1.275646e+07
1
0
408947 404136 400941 400467 399929 747693 399295 398277
388332 393143 396338 396812 397350 797279 797279 797279 797279 49586 797279 797279 797279 397984 399002 797279
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