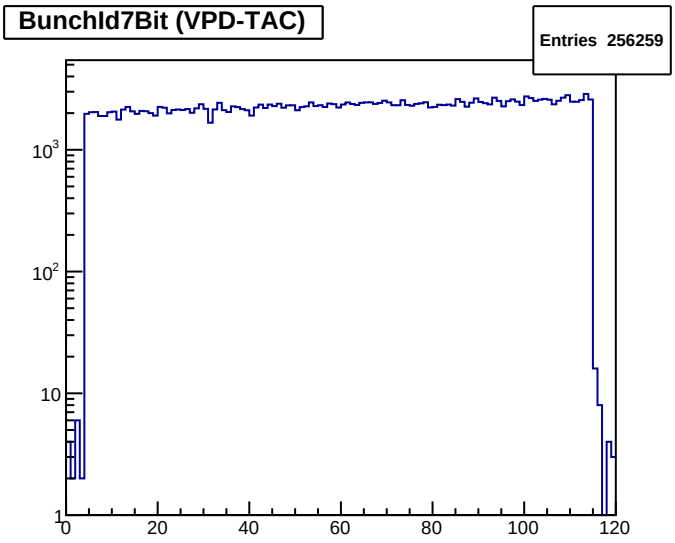
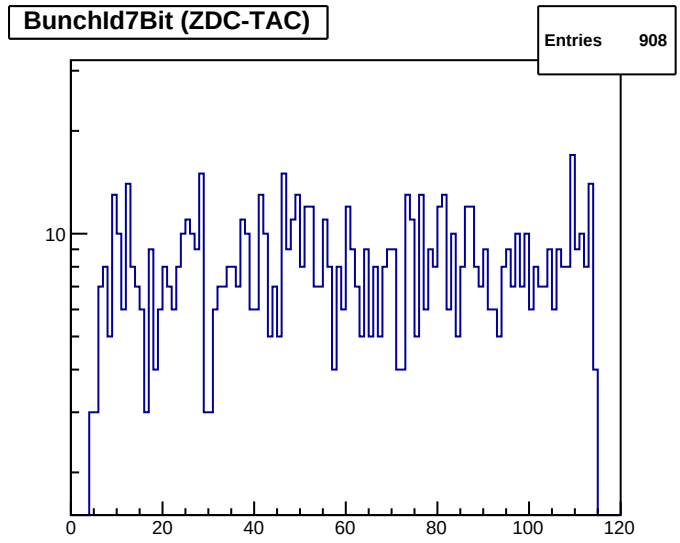
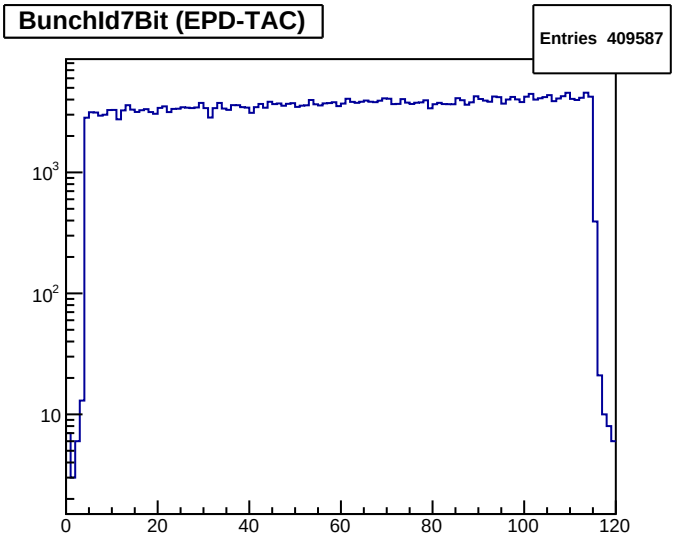
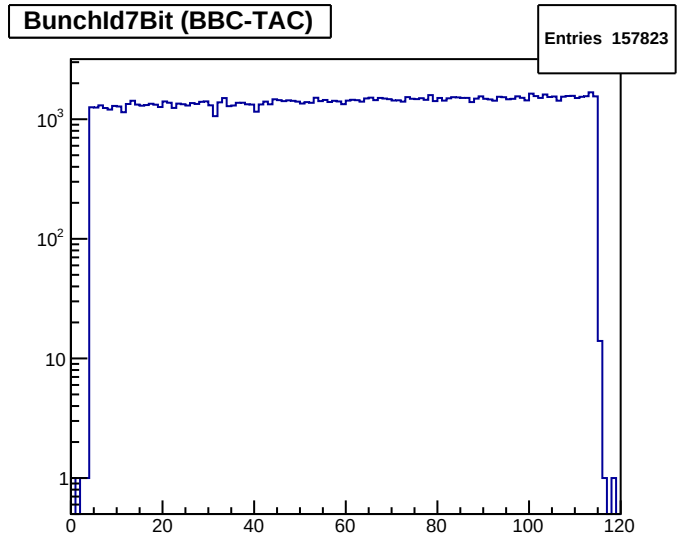
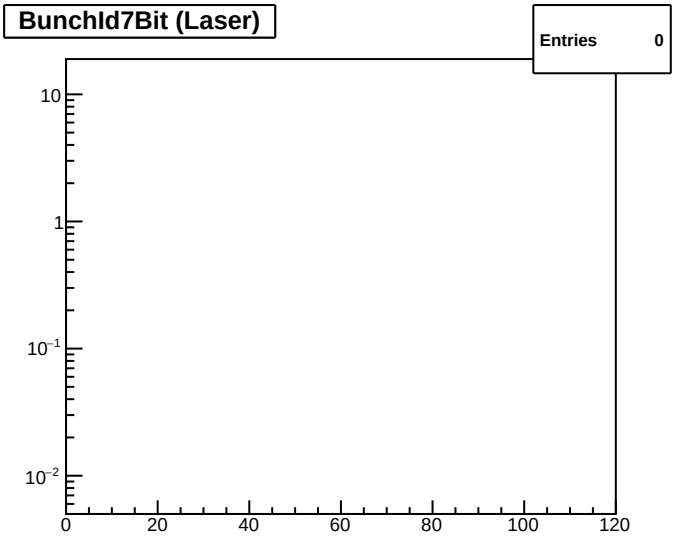
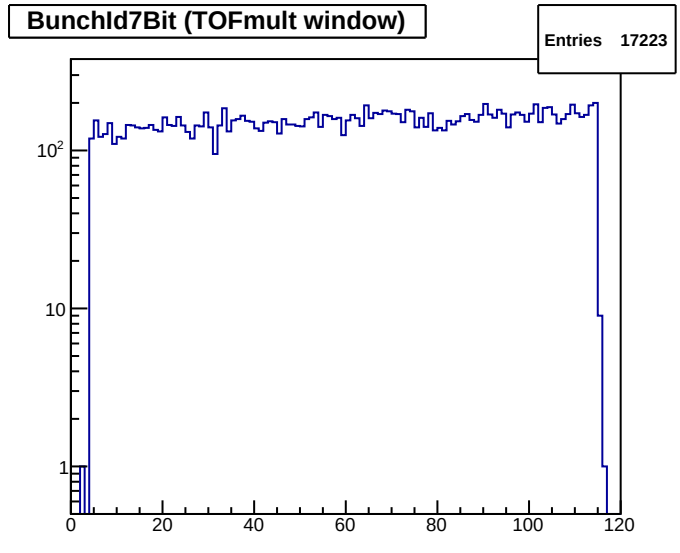

BunchId7Bit (VPD-TAC)
Entries 256259

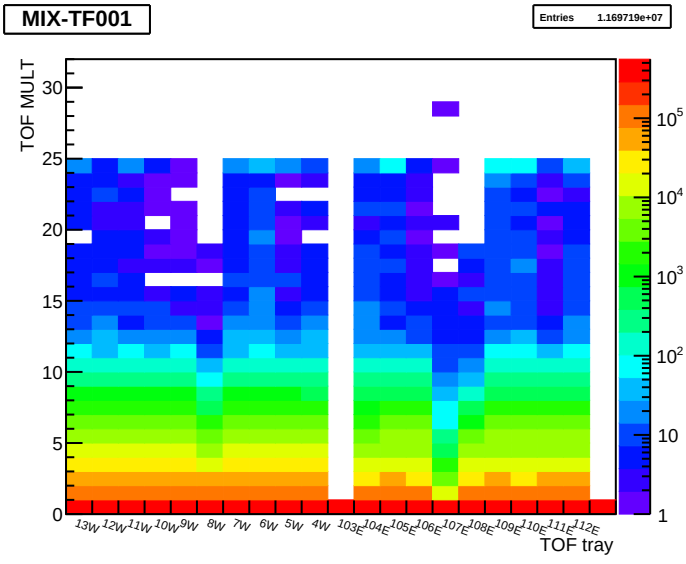

BunchId7Bit (ZDC-TAC)
Entries 908

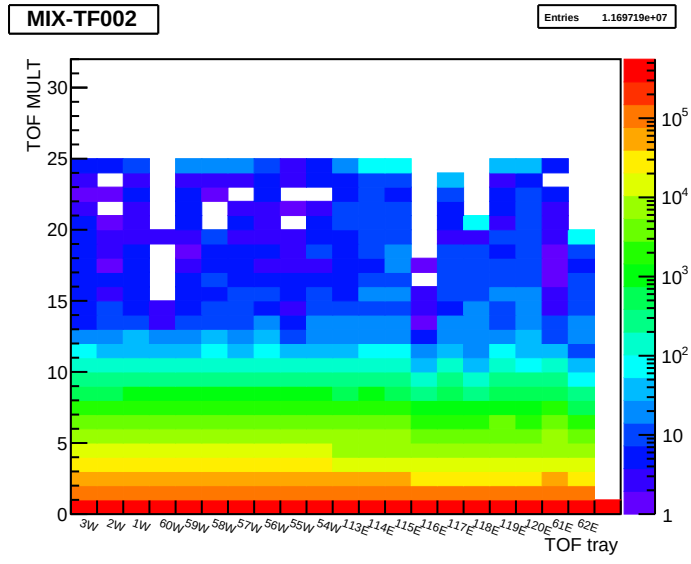

BunchId7Bit (EPD-TAC)
Entries 409587

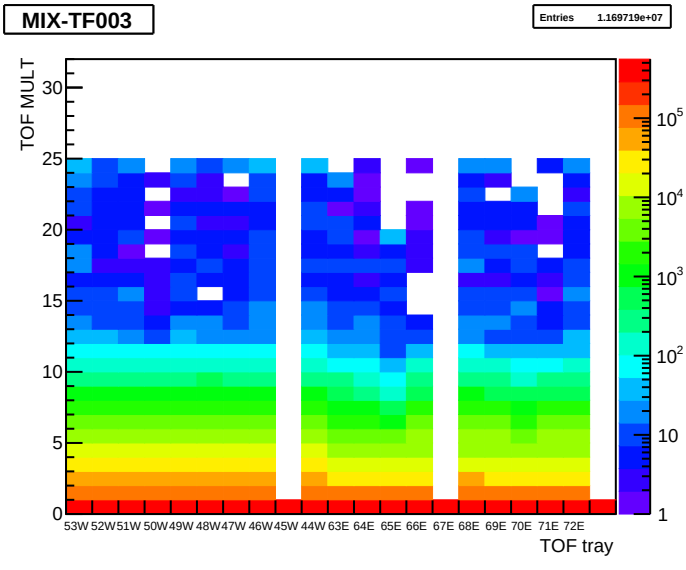

BunchId7Bit (BBC-TAC)
Entries 157823

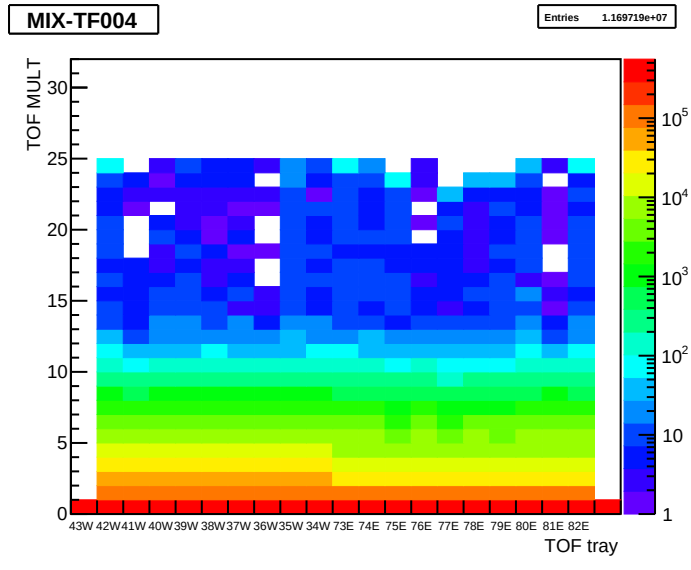

BunchId7Bit (Laser)
Entries 0

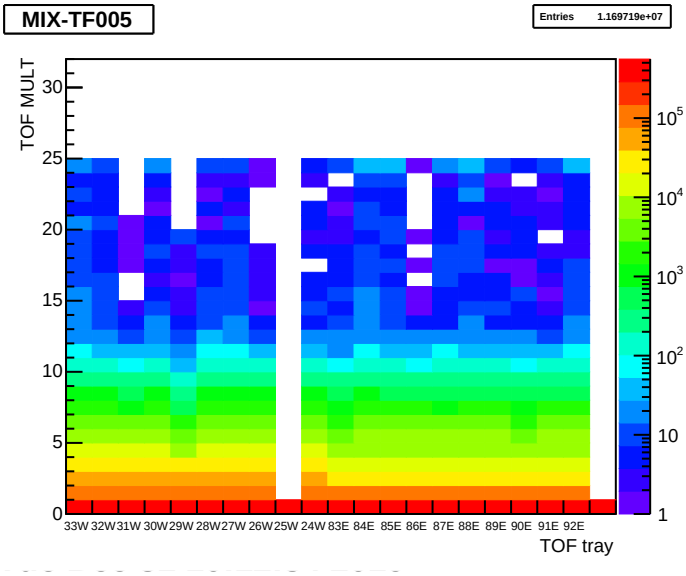

BunchId7Bit (TOFmult window)
Entries 17223

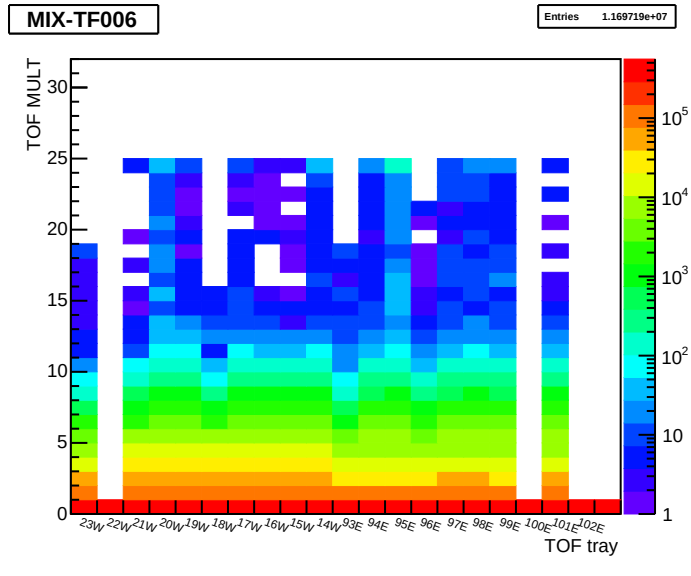

MIX-TF001
Entries 1.169719e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

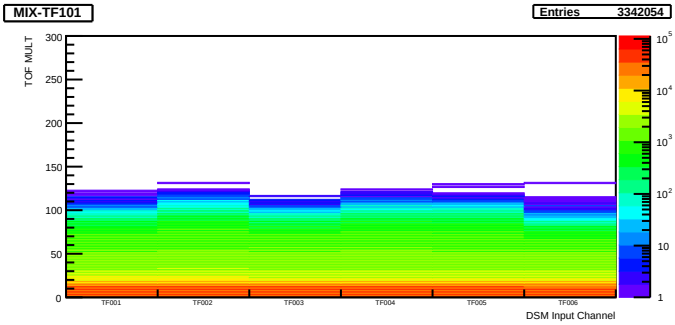

MIX-TF002
Entries 1.169719e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

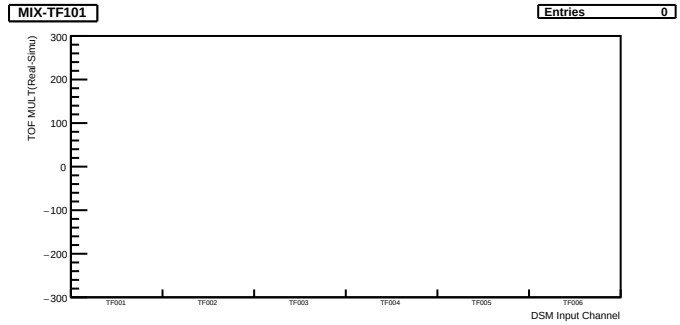

MIX-TF003
Entries 1.169719e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

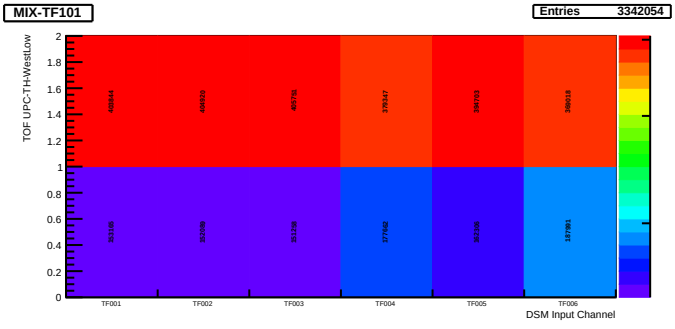

MIX-TF004
Entries 1.169719e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

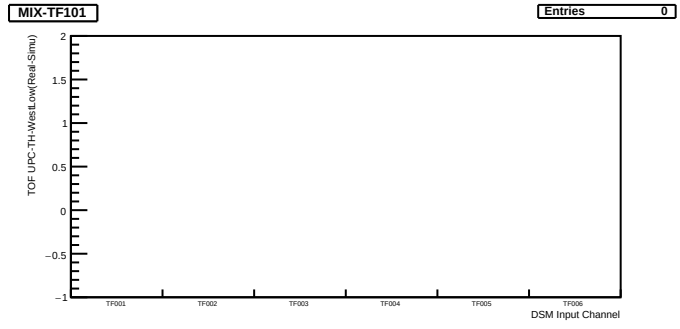

MIX-TF005
Entries 1.169719e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

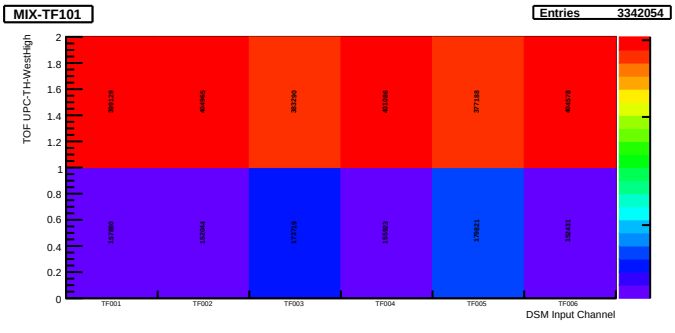

MIX-TF006
Entries 1.169719e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

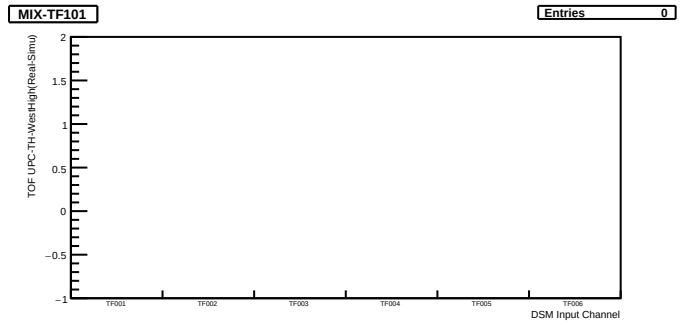

MIX-TF101
Entries 3342054
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

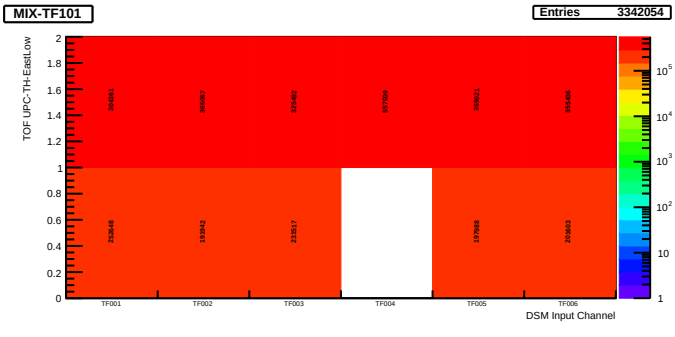

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

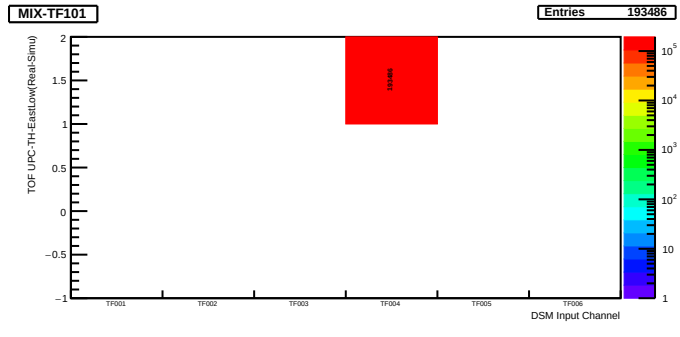

MIX-TF101
Entries 3342054
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

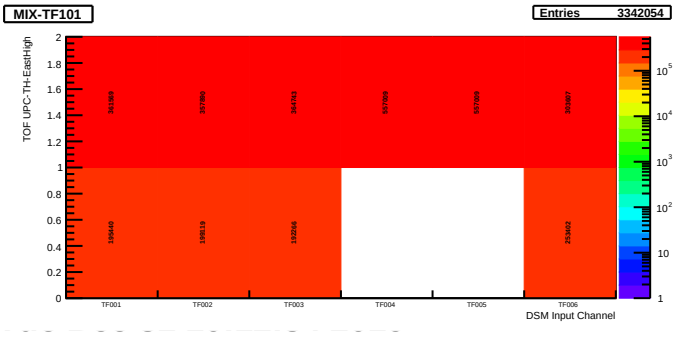

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

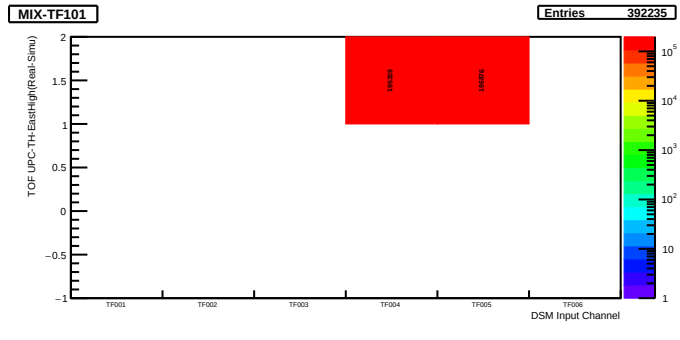

MIX-TF101
Entries 3342054
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

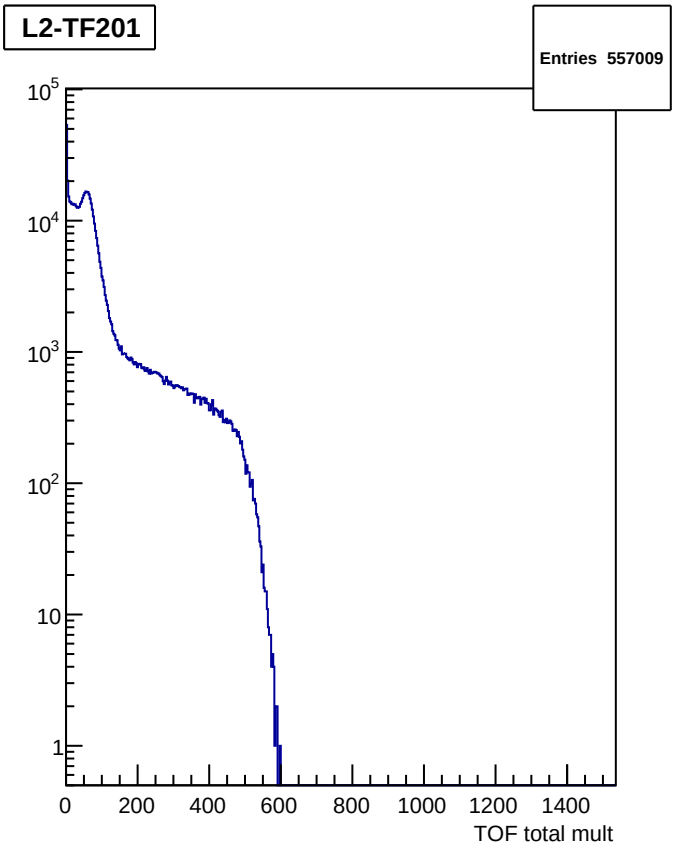

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

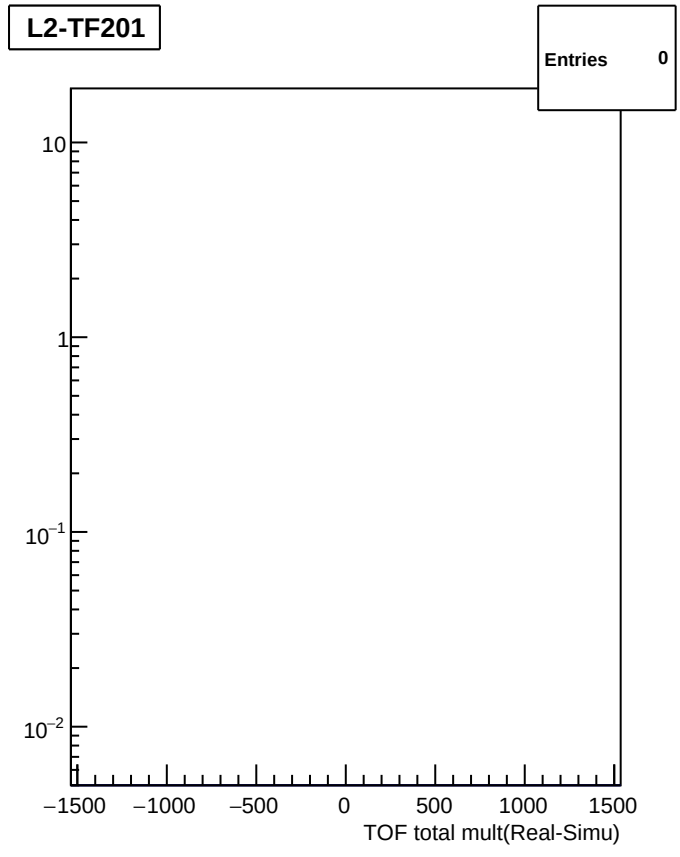

MIX-TF101
Entries 3342054
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

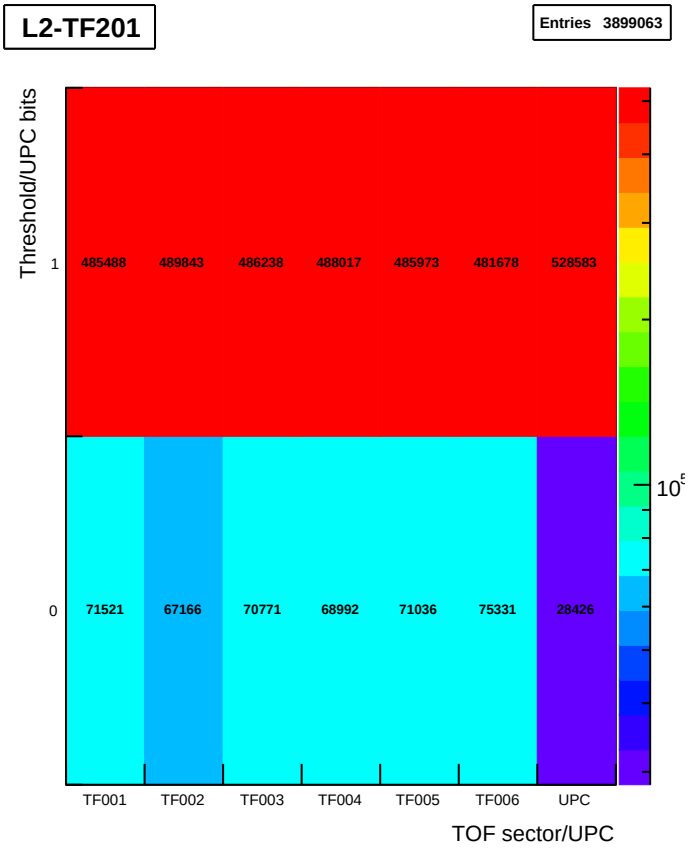

MIX-TF101
Entries 193486
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

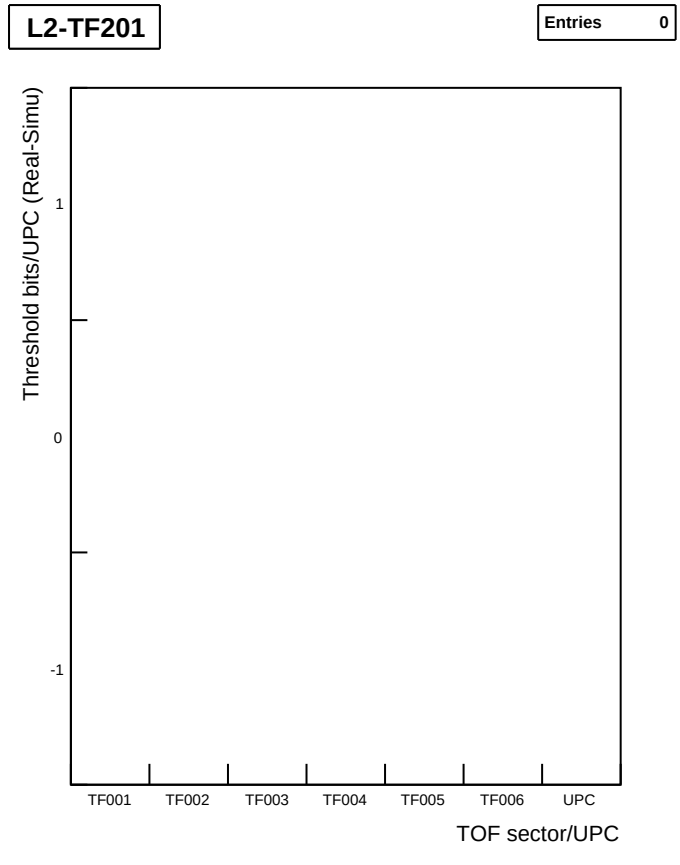

MIX-TF101
Entries 3342054
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

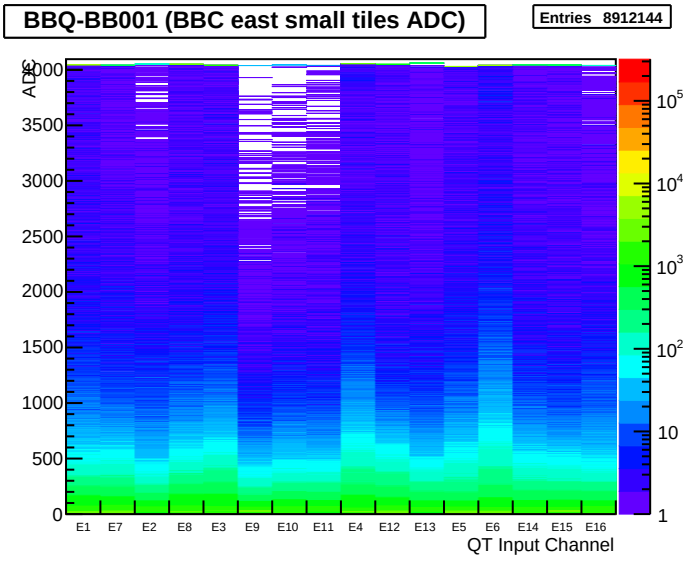

MIX-TF101
Entries 392235
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

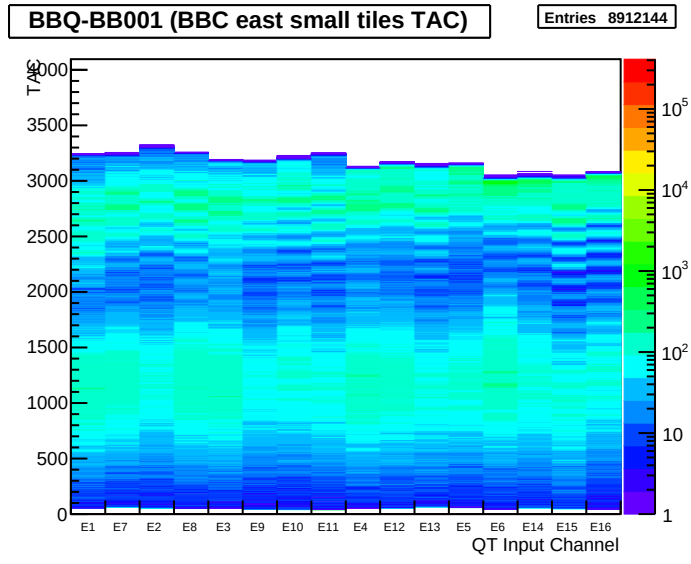

L2-TF201
Entries 557009
TOF total mult

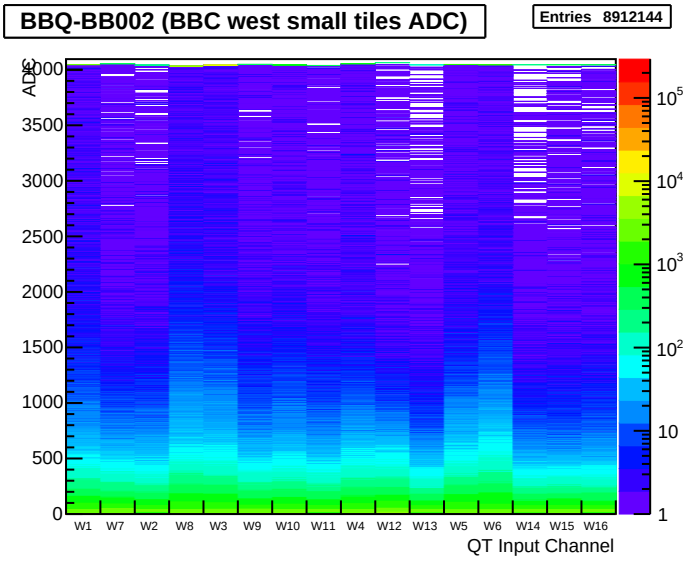

L2-TF201
Entries 0
TOF total mult(Real-Simu)

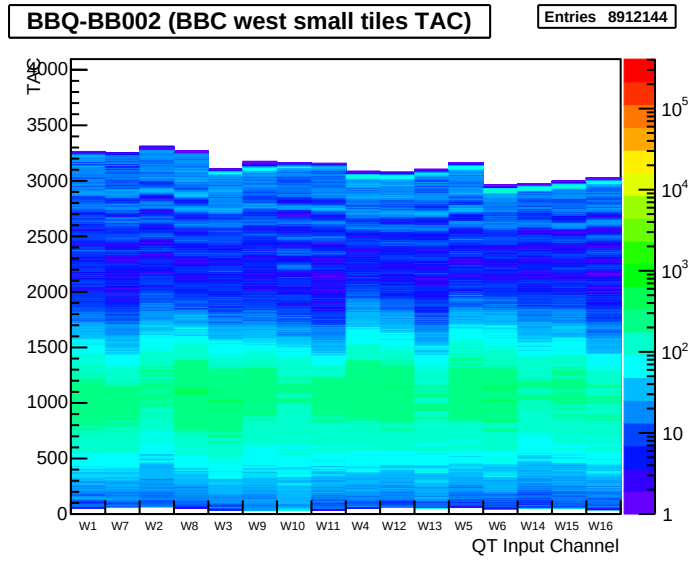

L2-TF201
Entries 3899063
Threshold/UPC bits
485488 489843 486238 488017 485973 481678 528583
71521 67166 70771 68992 71036 75331 28426
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

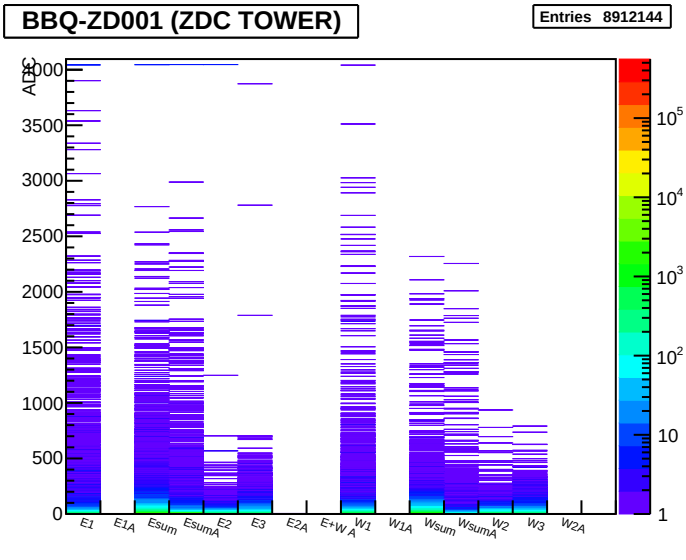

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

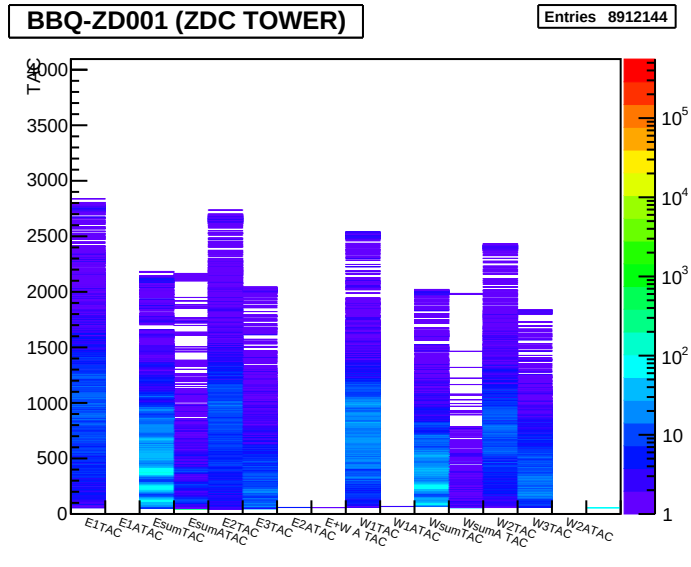

BBQ-BB001 (BBC east small tiles ADC)
Entries 8912144
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

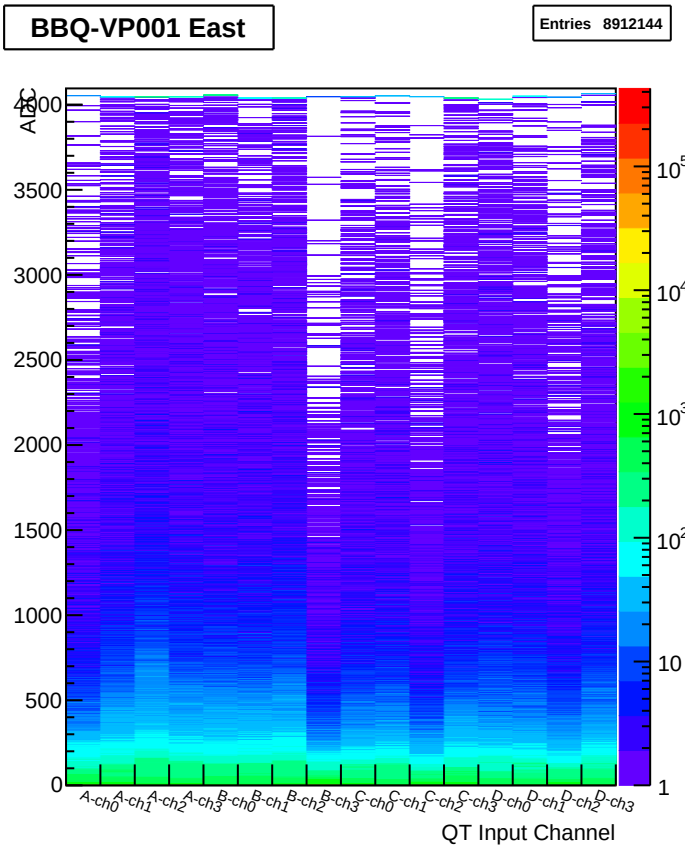

BBQ-BB001 (BBC east small tiles TAC)
Entries 8912144
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

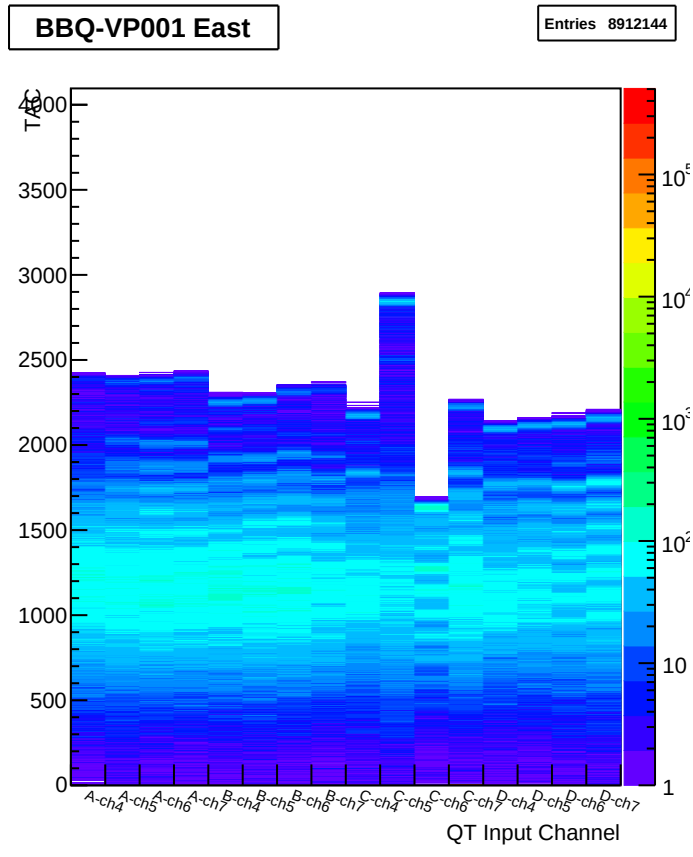

BBQ-BB002 (BBC west small tiles ADC)
Entries 8912144
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

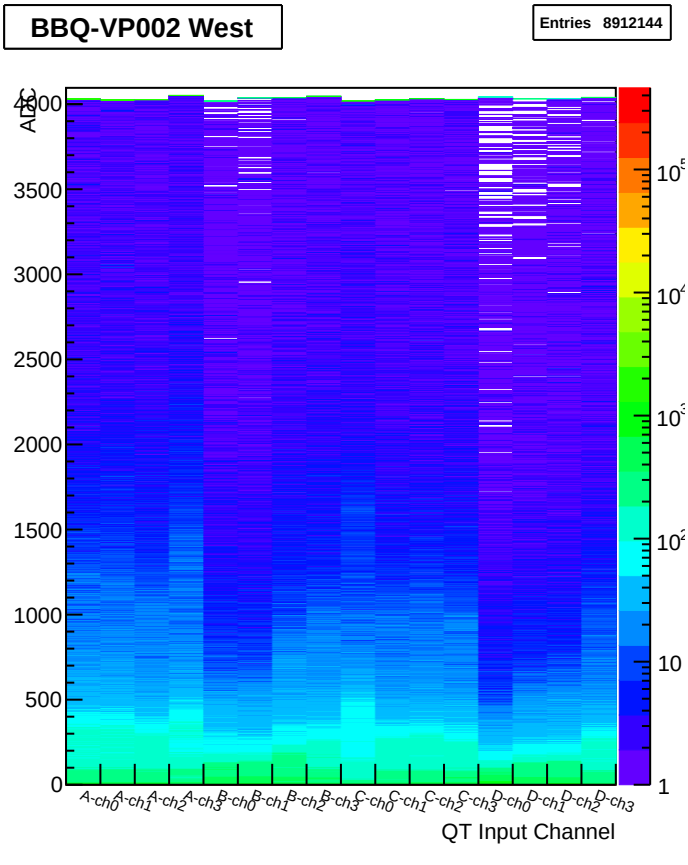

BBQ-BB002 (BBC west small tiles TAC)
Entries 8912144
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

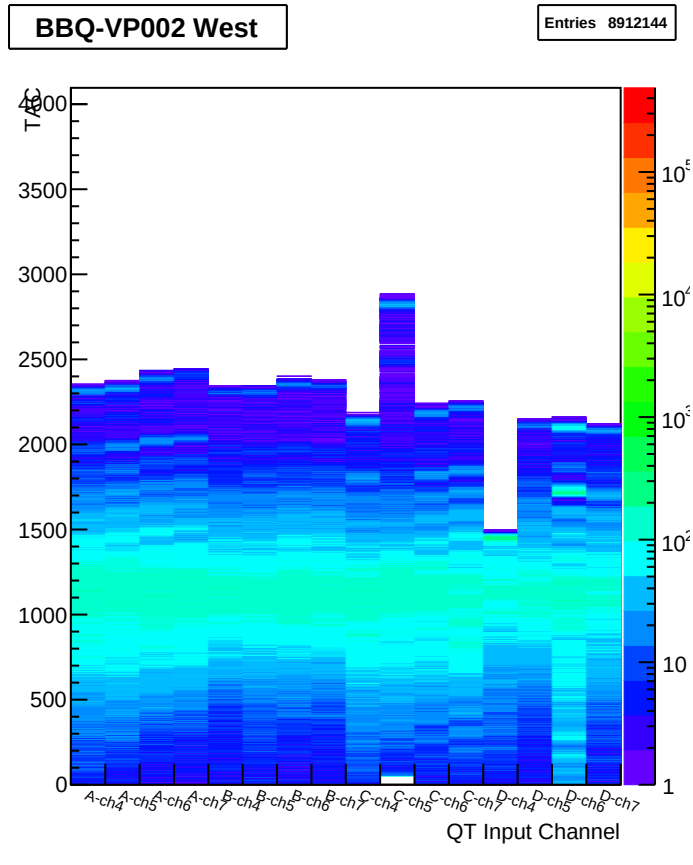

BBQ-ZD001 (ZDC TOWER)
Entries 8912144
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

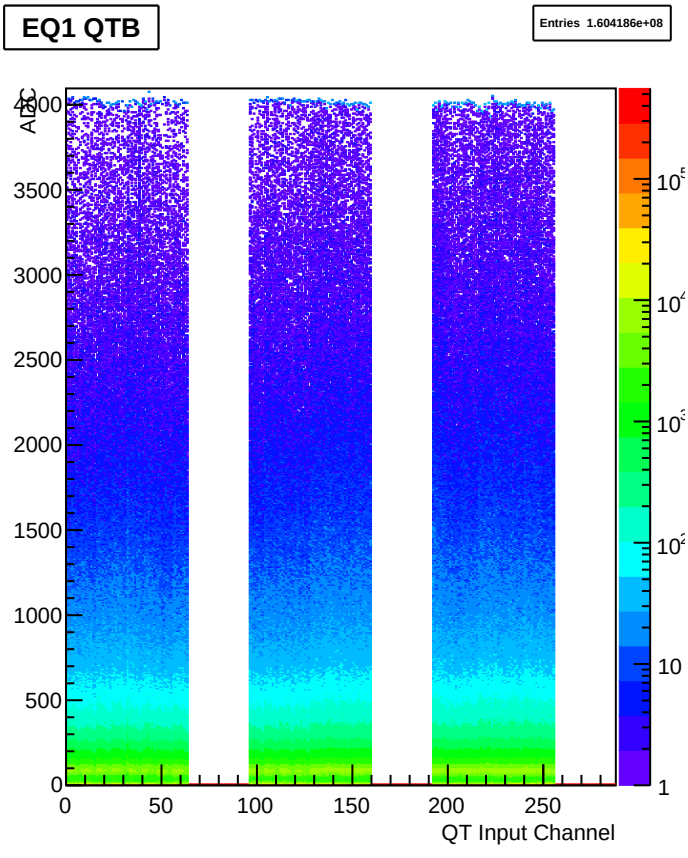

BBQ-ZD001 (ZDC TOWER)
Entries 8912144
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

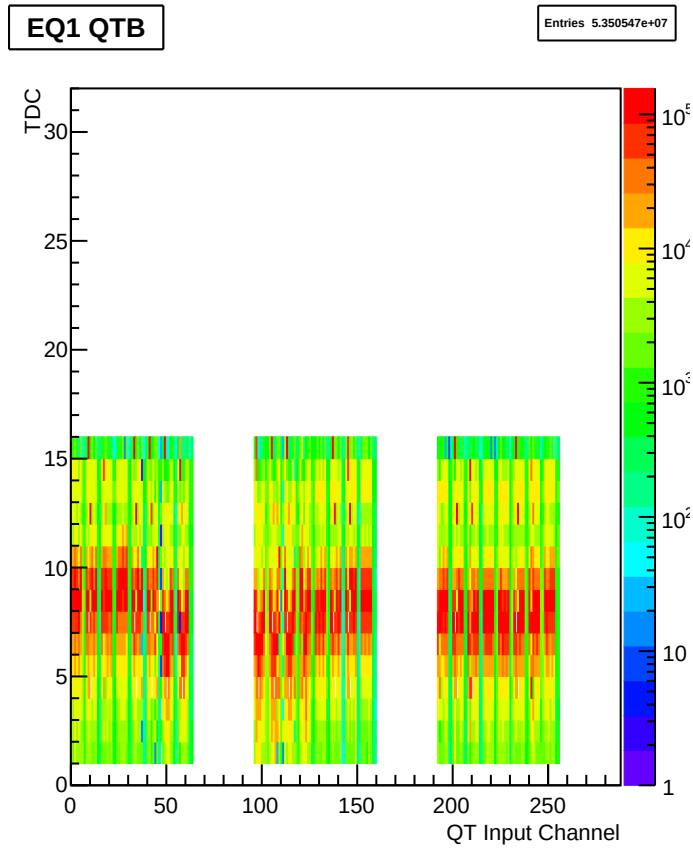

BBQ-VP001 East
Entries 8912144
ADC
QT Input Channel

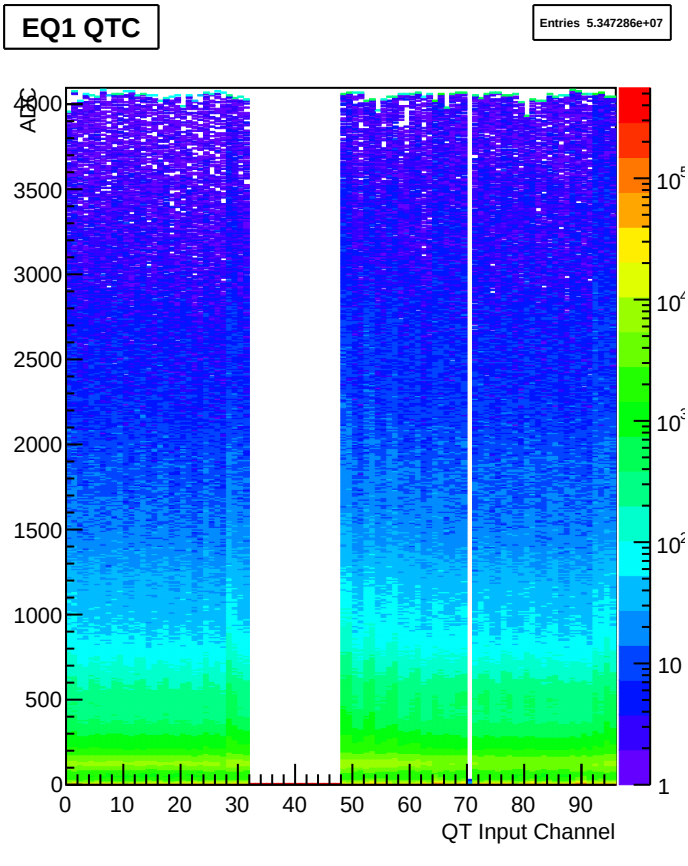

BBQ-VP001 East
Entries 8912144
TADC
QT Input Channel

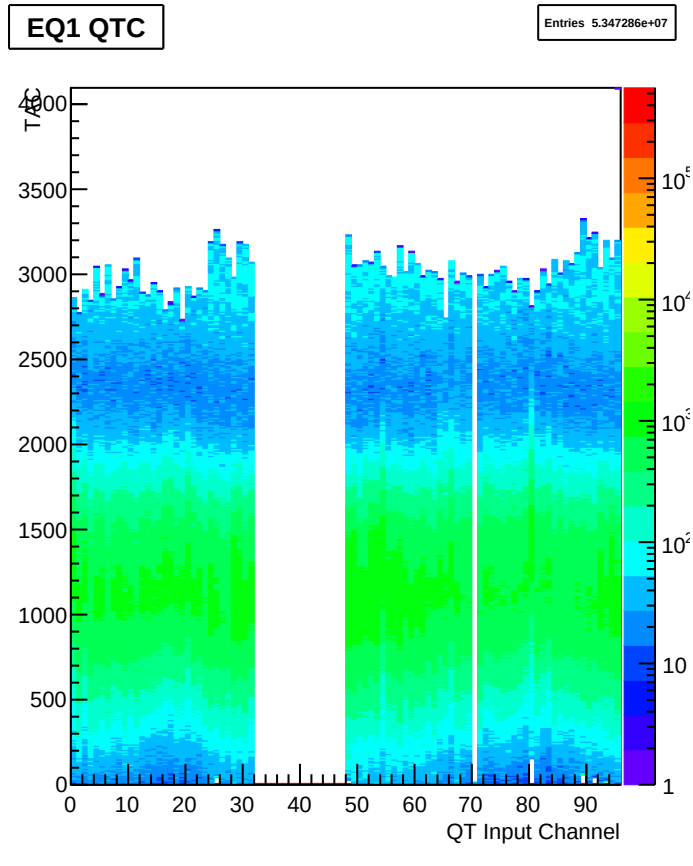

BBQ-VP002 West
Entries 8912144
ADC
QT Input Channel

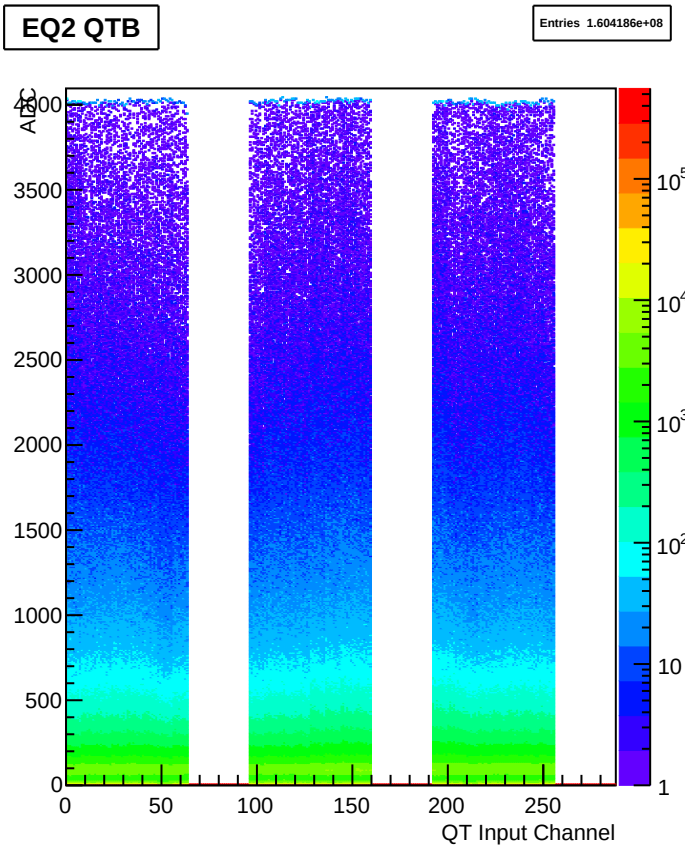

BBQ-VP002 West
Entries 8912144
TADC
QT Input Channel

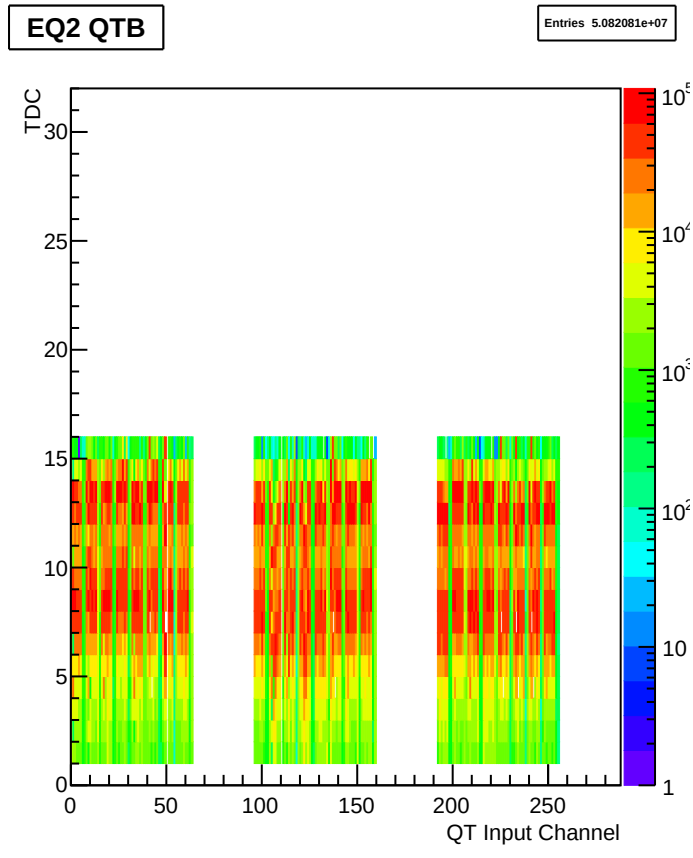

EQ1 QTB
Entries 1.604186e+08
ADC
QT Input Channel

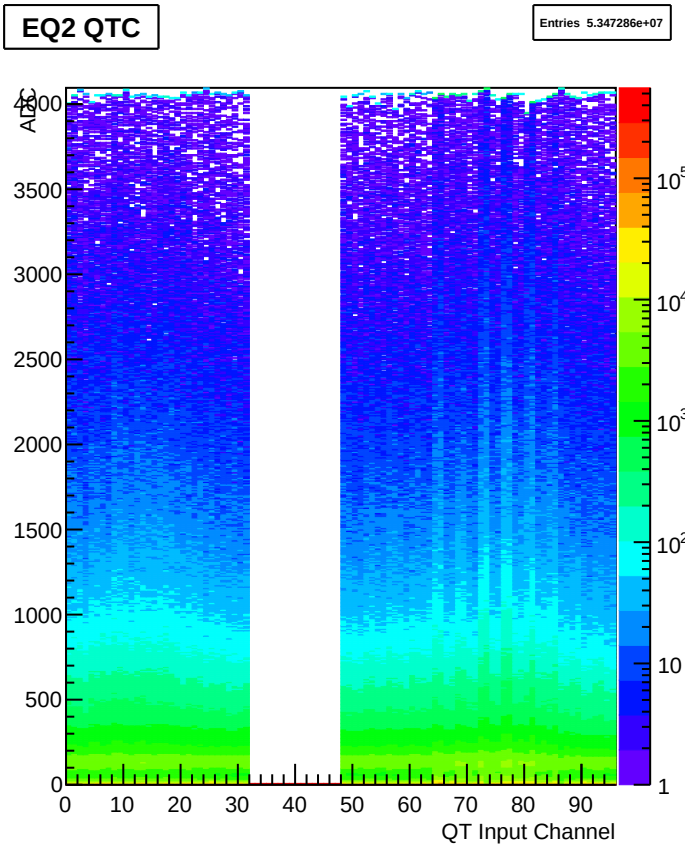

EQ1 QTB
Entries 5.350547e+07
TDC
QT Input Channel

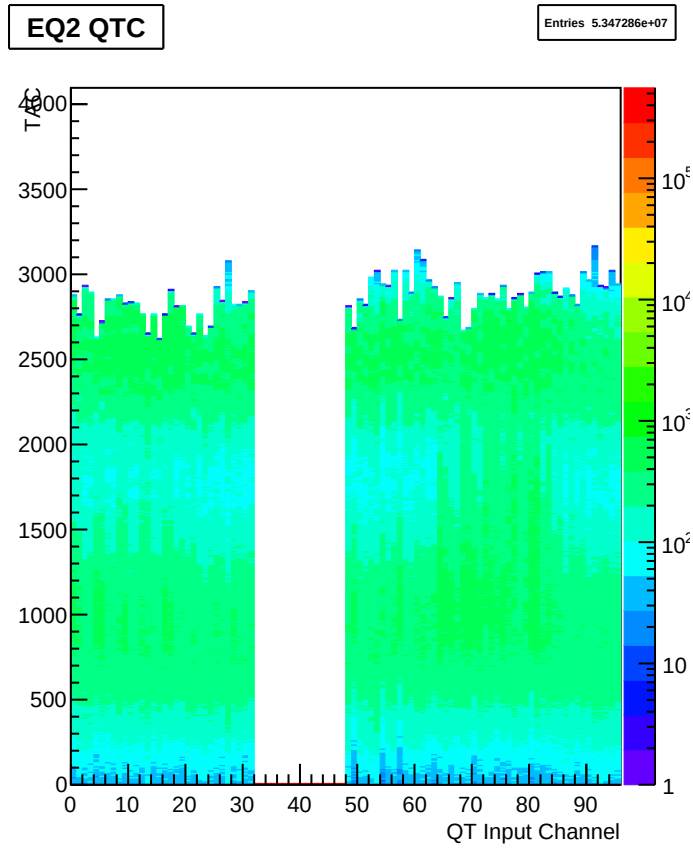

EQ1 QTC
Entries 5.347286e+07
ADC
QT Input Channel

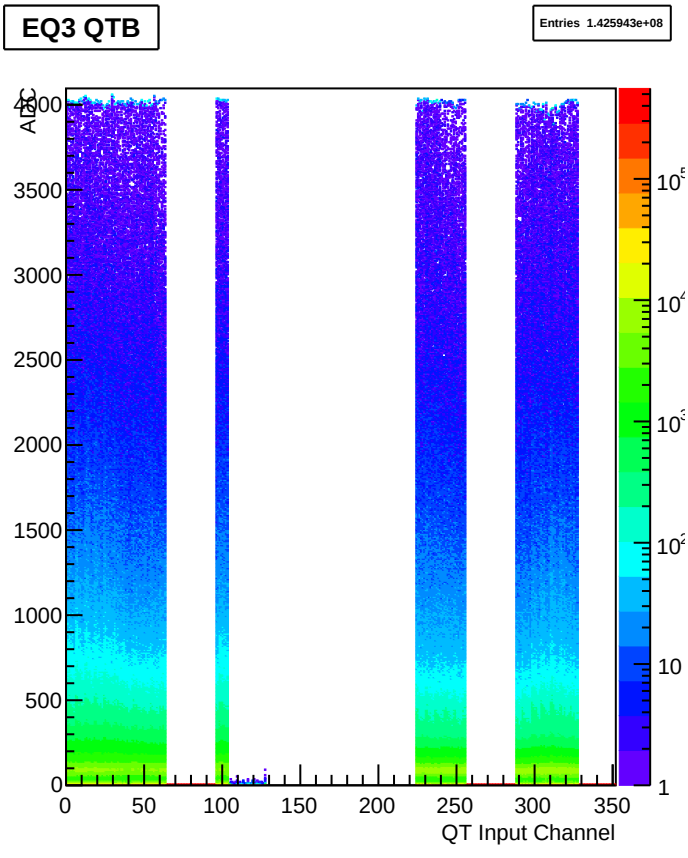

EQ1 QTC
Entries 5.347286e+07
TADC
QT Input Channel

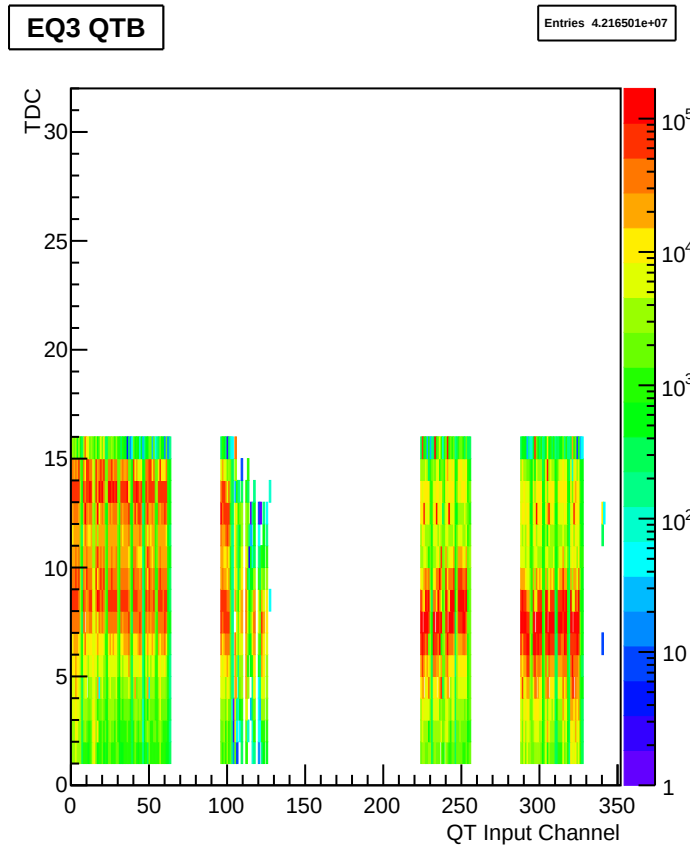

EQ2 QTB
Entries 1.604186e+08
ADC
QT Input Channel

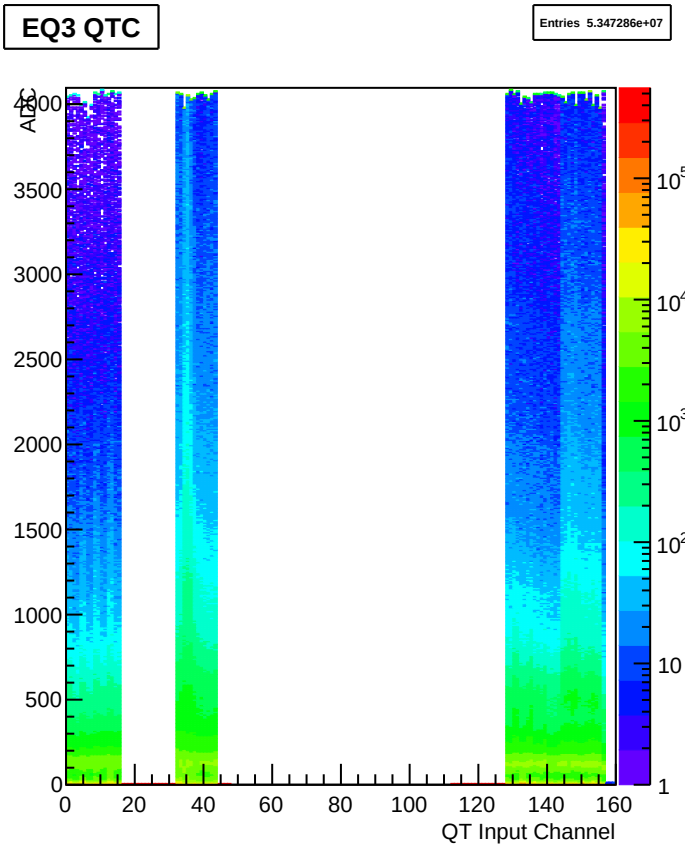

EQ2 QTB
Entries 5.082081e+07
TDC
QT Input Channel

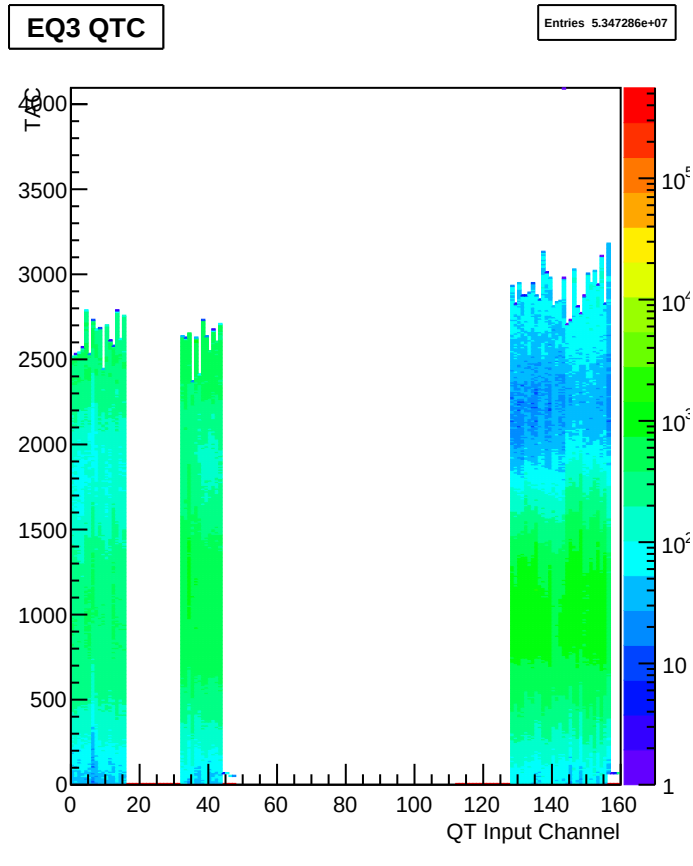

EQ2 QTC
Entries 5.347286e+07
ADC
QT Input Channel

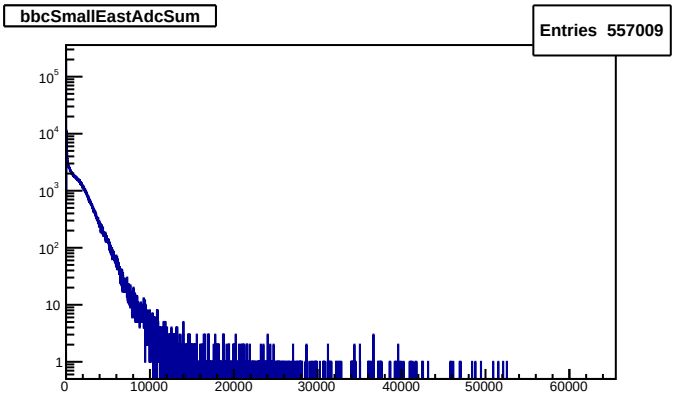

EQ2 QTC
Entries 5.347286e+07
TADC
QT Input Channel

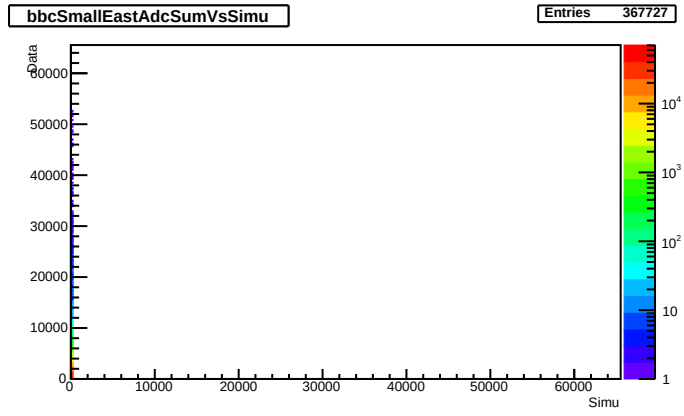

EQ3 QTB
Entries 1.425943e+08
ADC
QT Input Channel

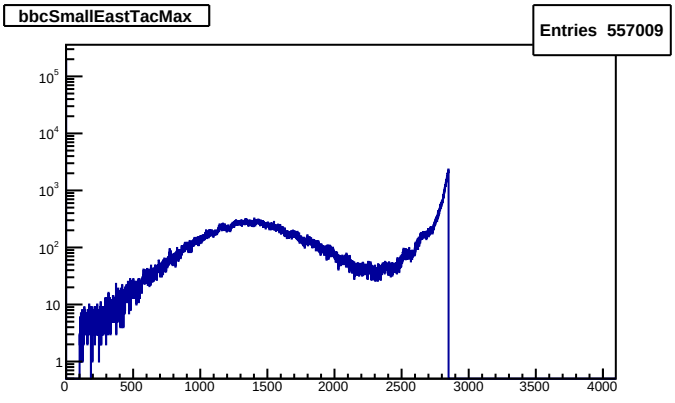

EQ3 QTB
Entries 4.216501e+07
TDC
QT Input Channel

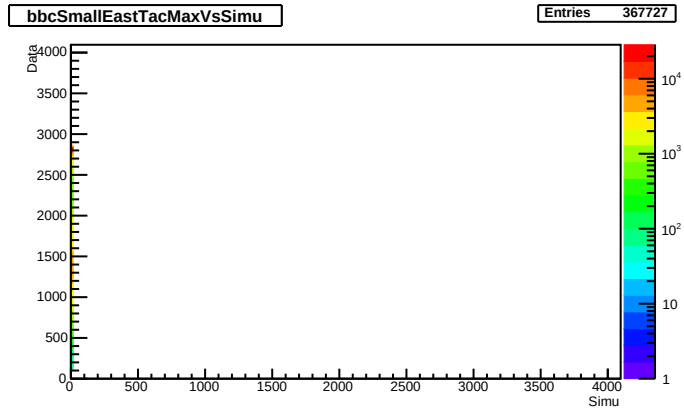

EQ3 QTC
Entries 5.347286e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.347286e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 557009


bbcSmallEastAdcSumVsSimu
Entries 367727
Data
Simu


bbcSmallEastTacMax
Entries 557009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Entries 367727
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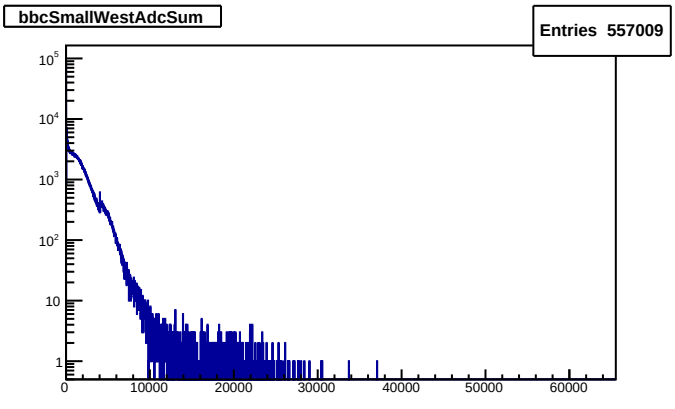
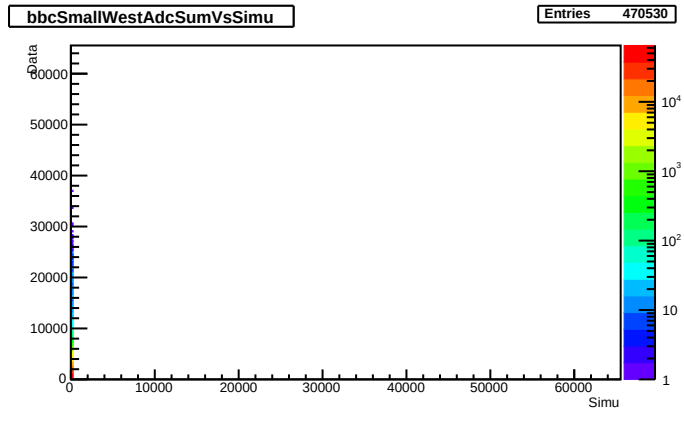

bbcSmallWestAdcSum
Entries 557009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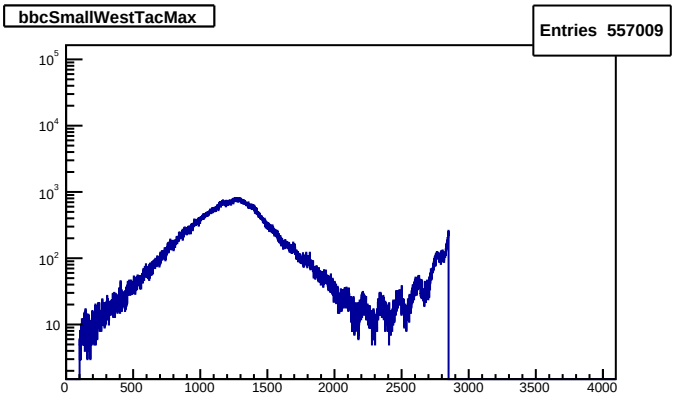
Entries 470530
Data
Simu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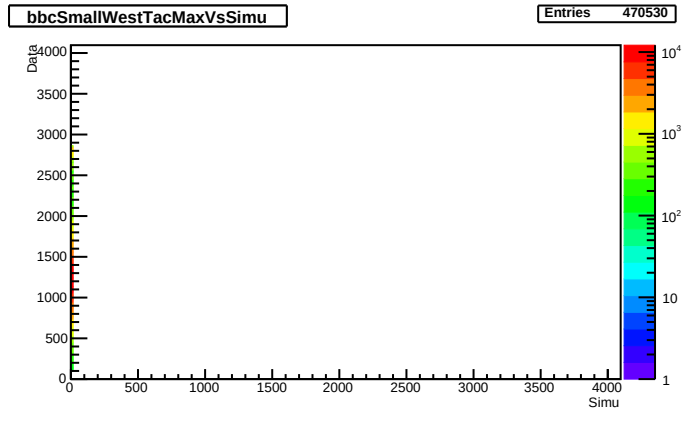
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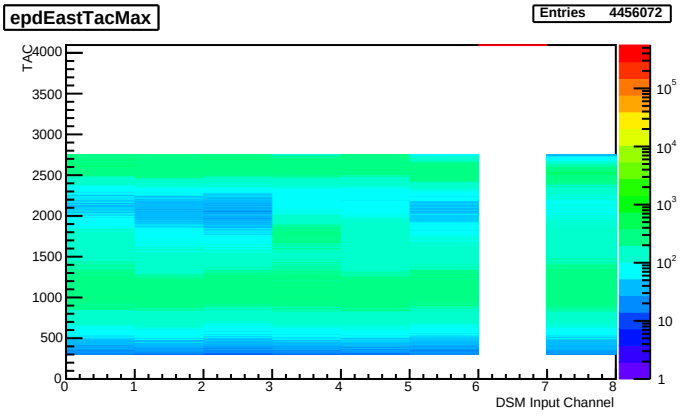
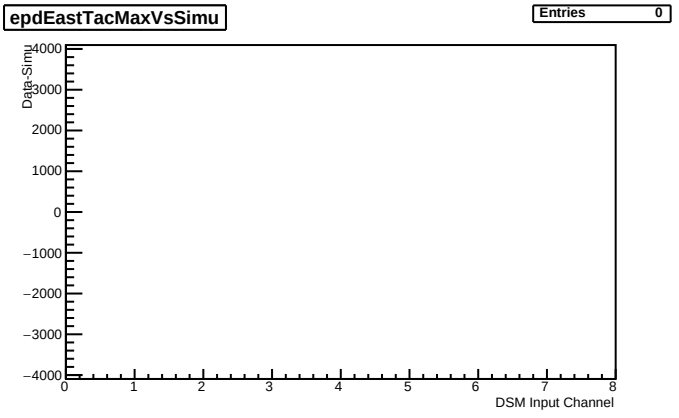
Simu


epdEastTacMax
Entries 4456072
TAC
DSM Input Channel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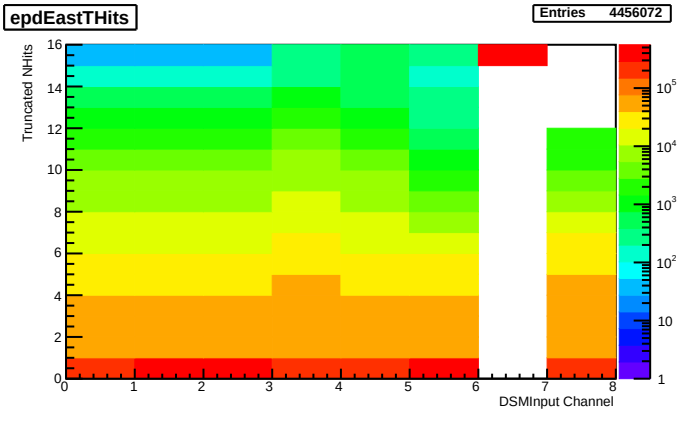
Entries 0
Data-Simu
DSM Input Channel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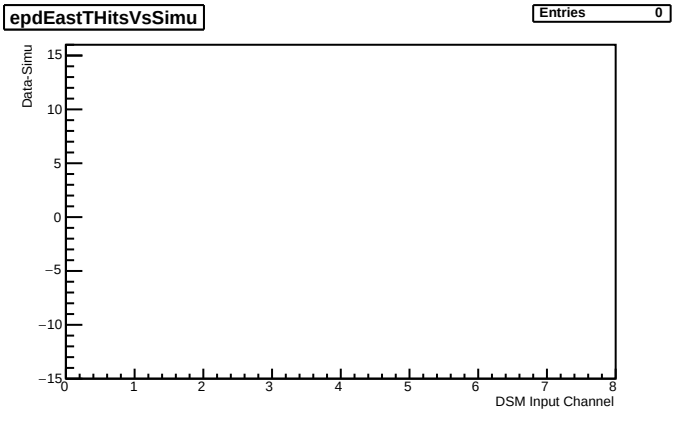
Entries 4456072
Truncated NHits
DSMInput Channel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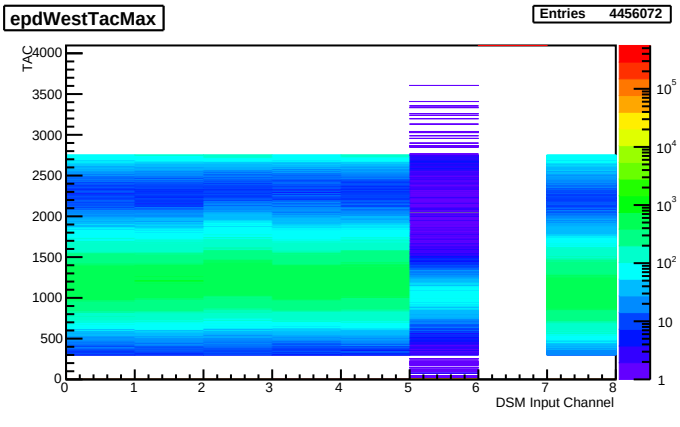
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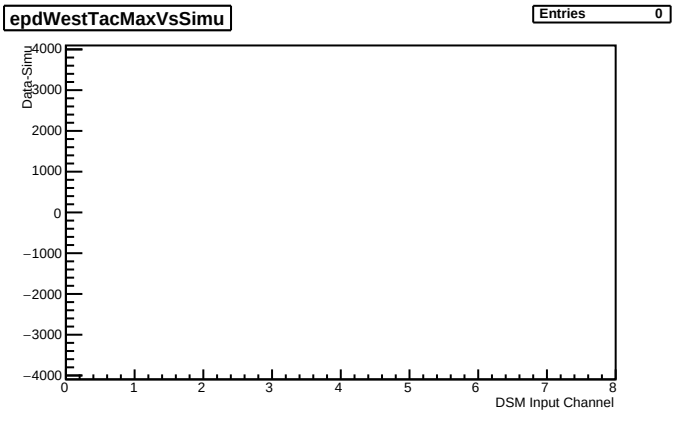
TAC
DSM Input Channel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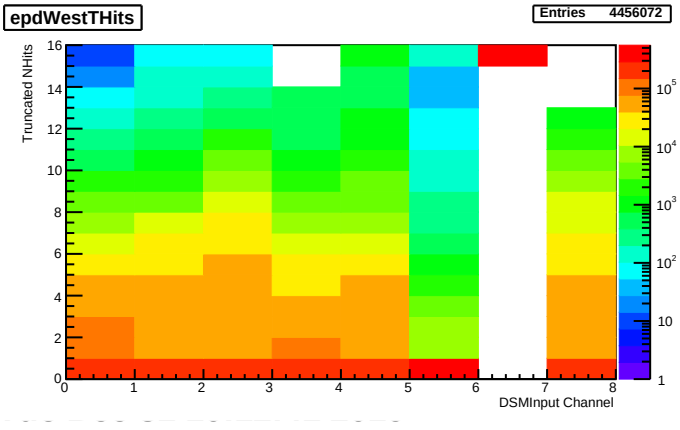
DSM Input Channel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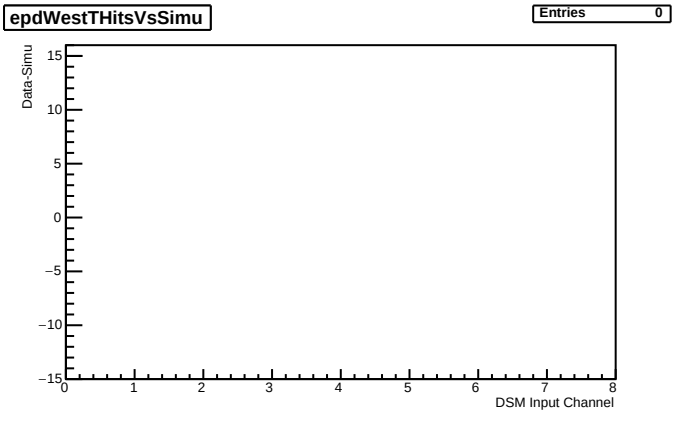
Entries 4456072
Truncated NHits
DSMInput Channel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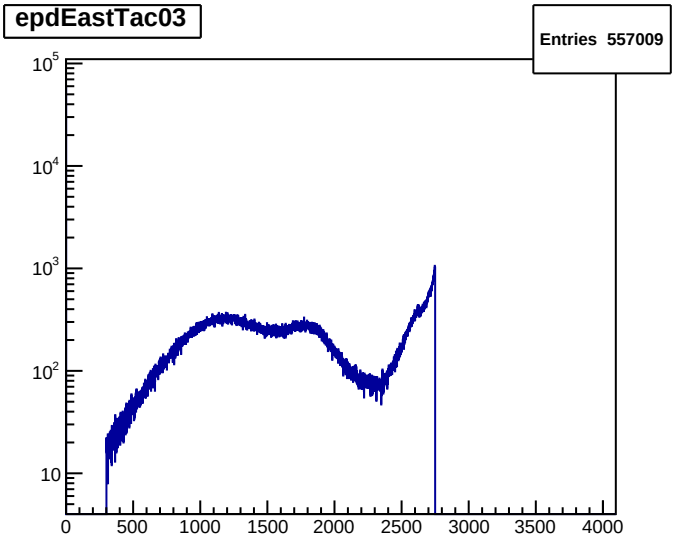
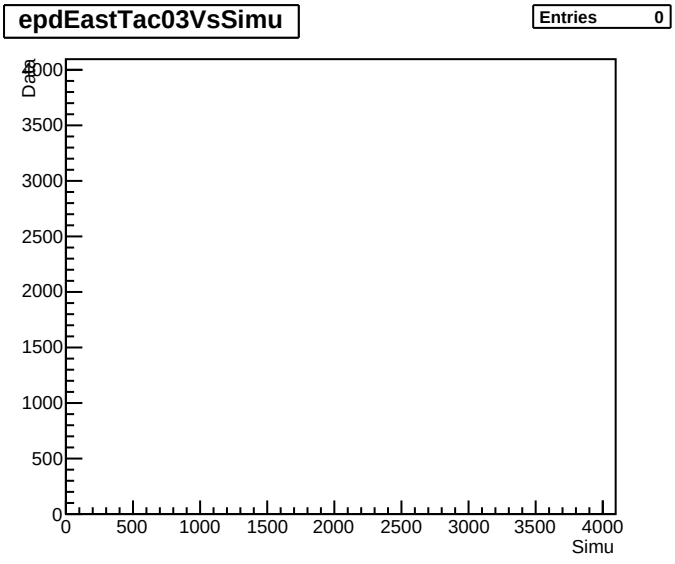
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 557009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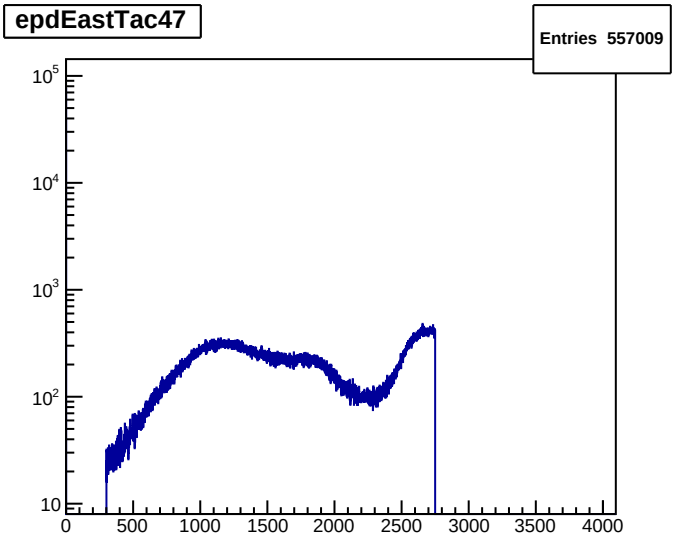
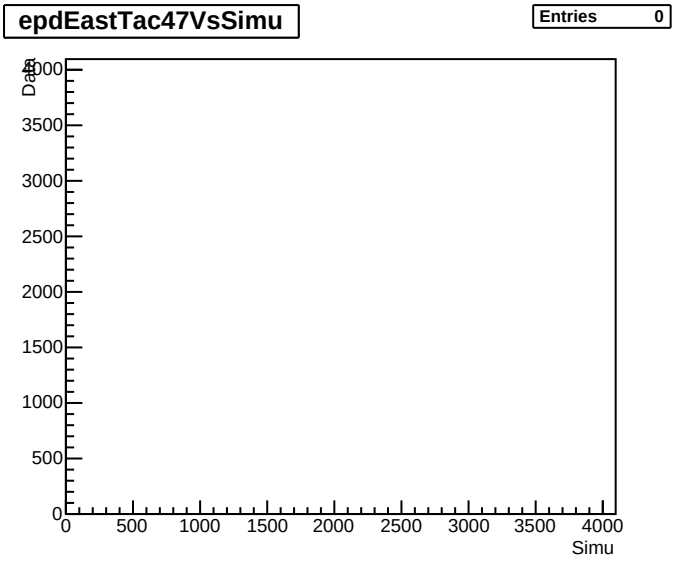
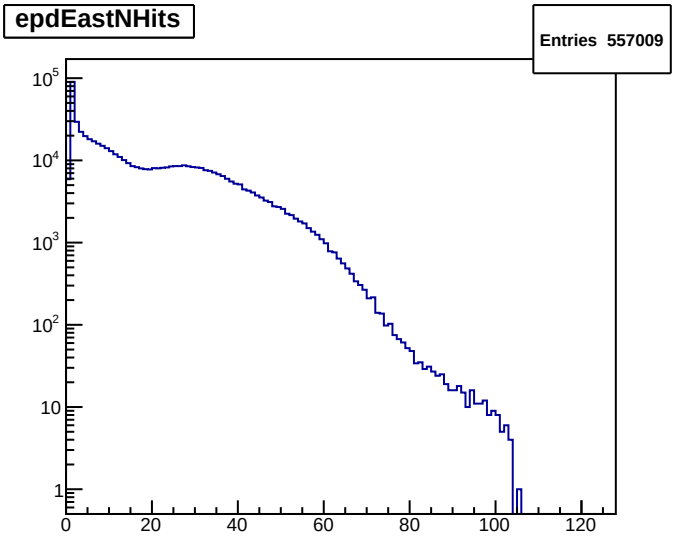
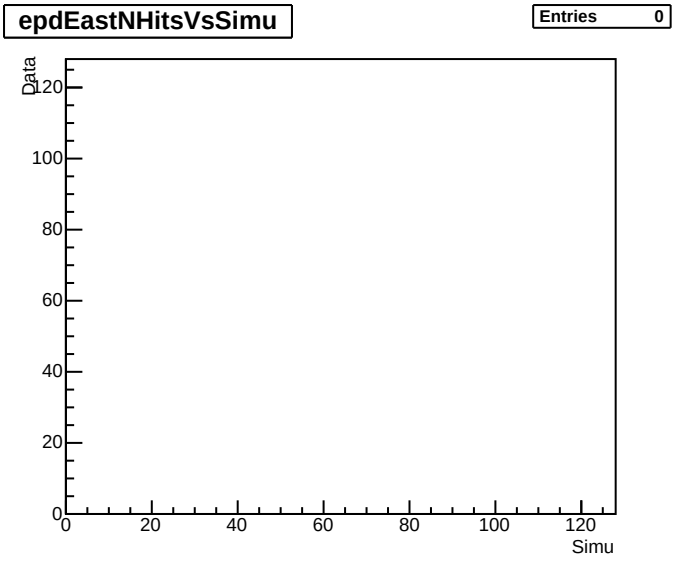
Entries 0
Data
Simu


epdEastTac47
Entries 557009


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 557009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Data
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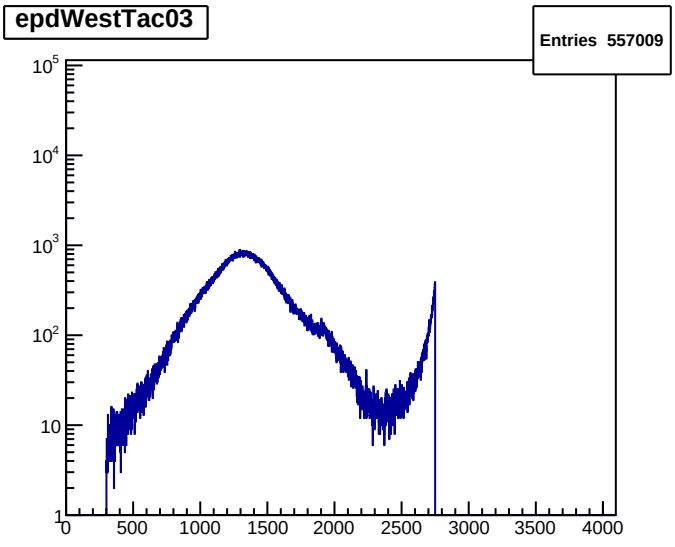
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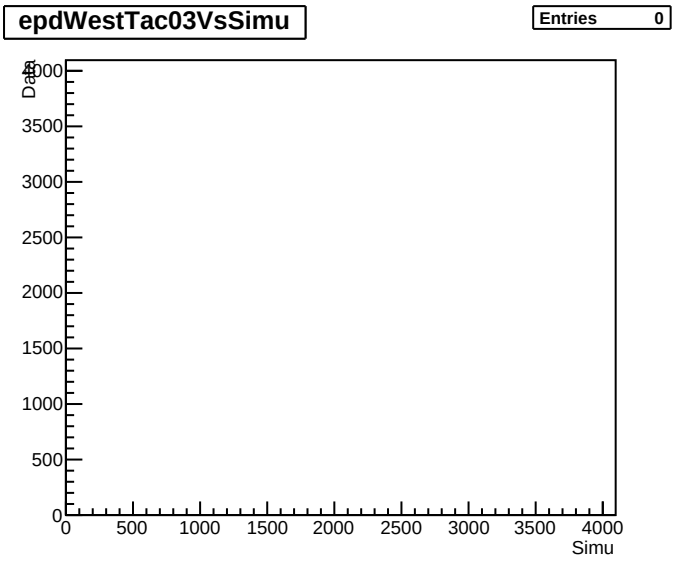
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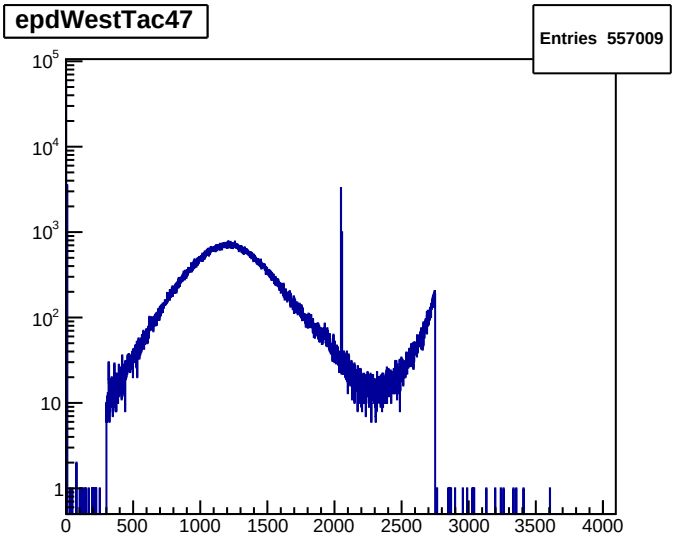
Data
Simu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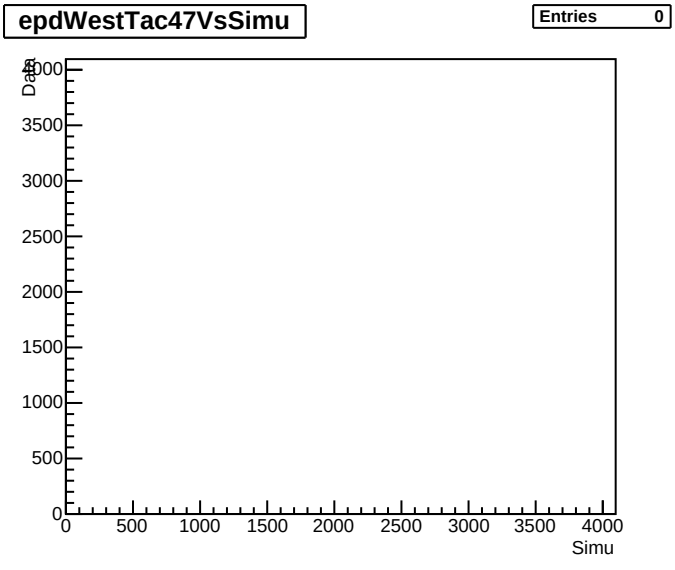
Entries 557009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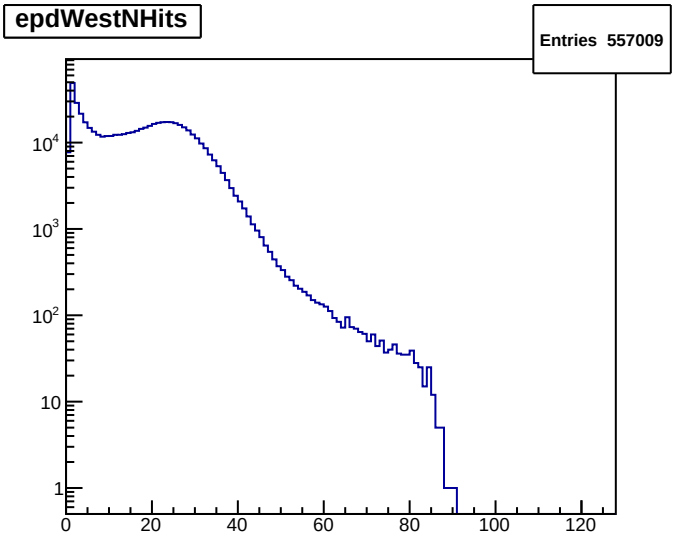
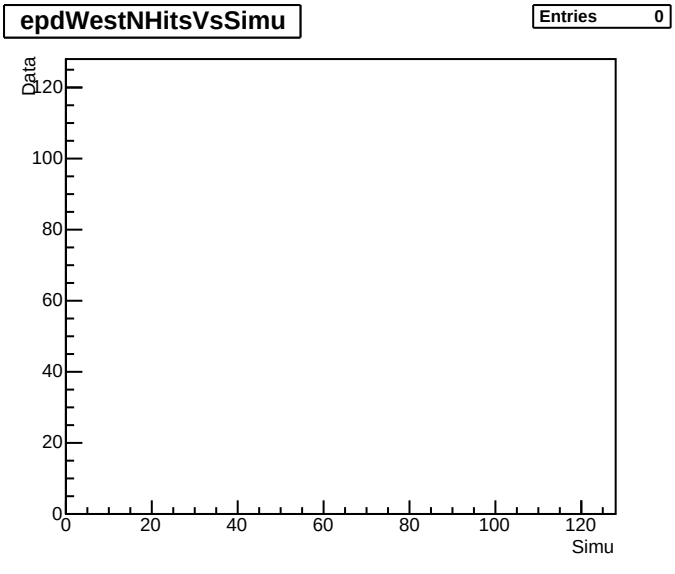
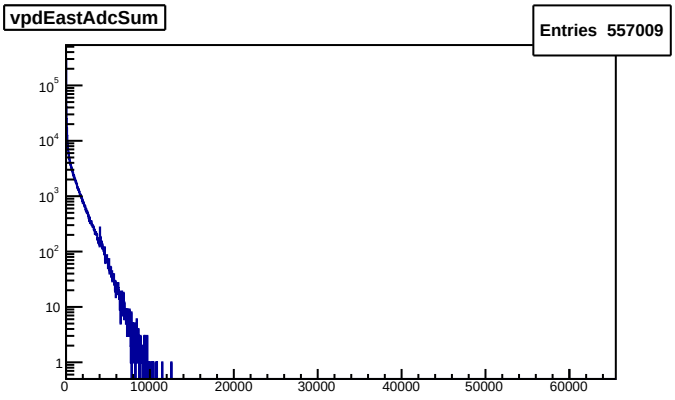
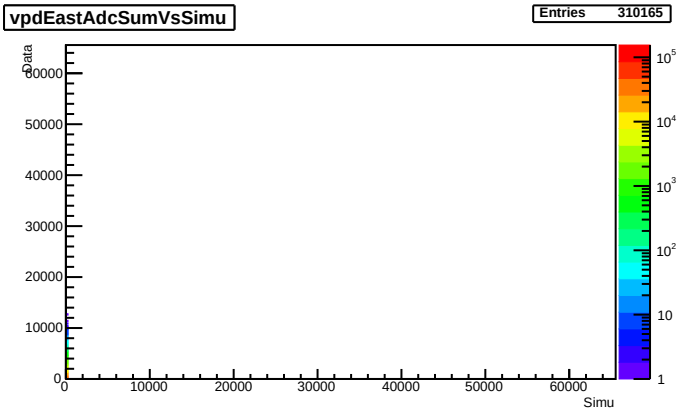
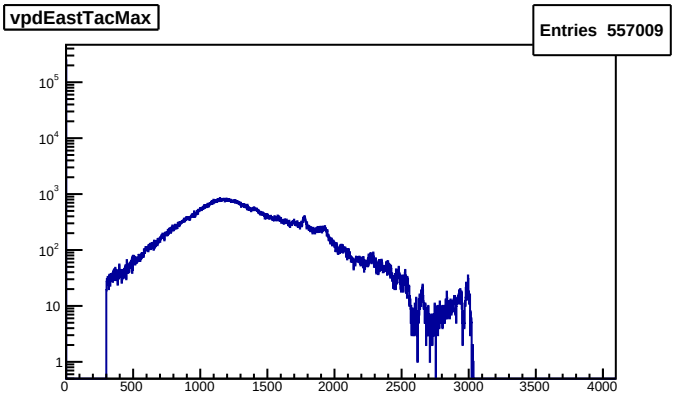
Entries 0
Data
Simu

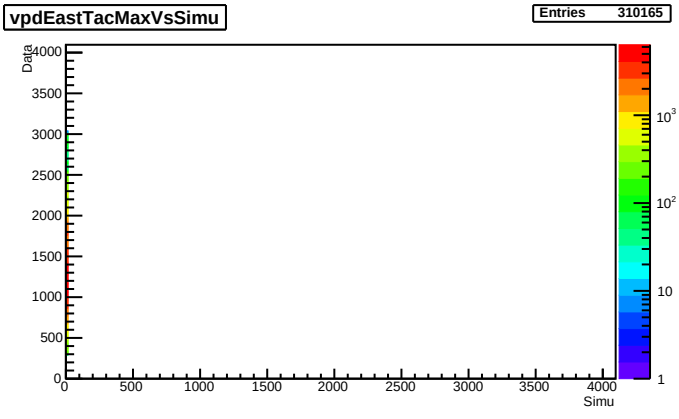

epdWestNHits
Entries 557009

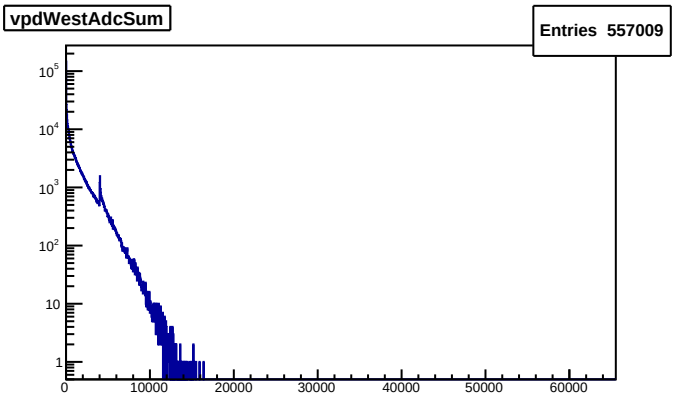

epdWestNHitsVsSimu
Entries 0
Data
Simu

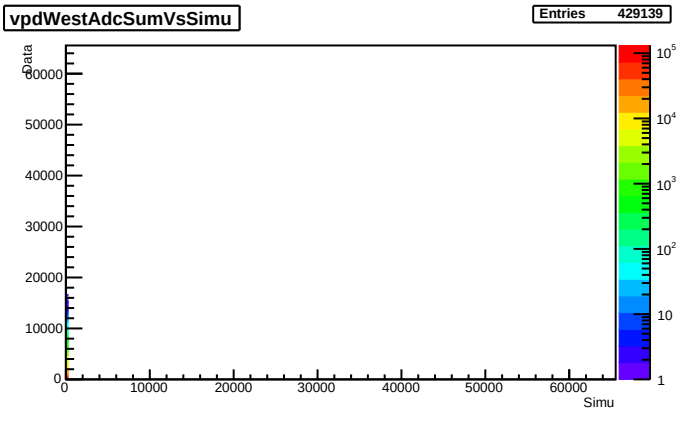

vpdEastAdcSum
Entries 557009

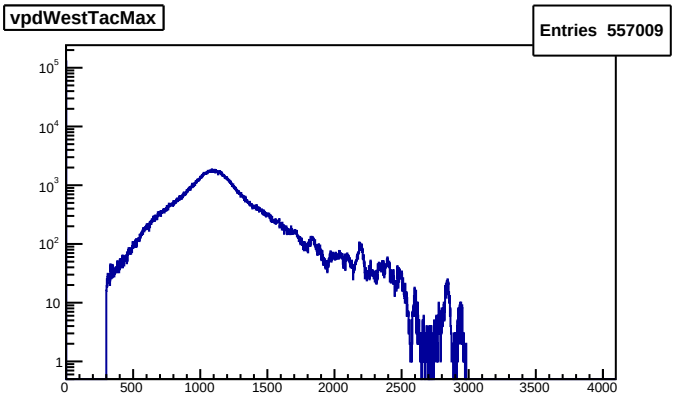

vpdEastAdcSumVsSimu
Entries 310165
Data
Simu

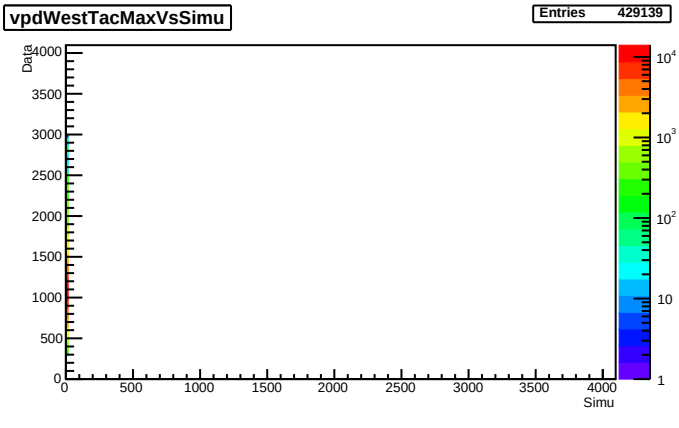

vpdEastTacMax
Entries 557009

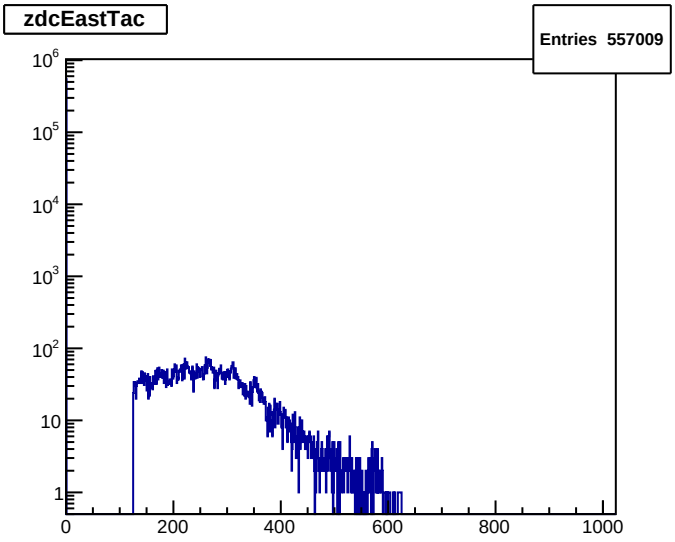

vpdEastTacMaxVsSimu
Entries 310165
Data
Simu

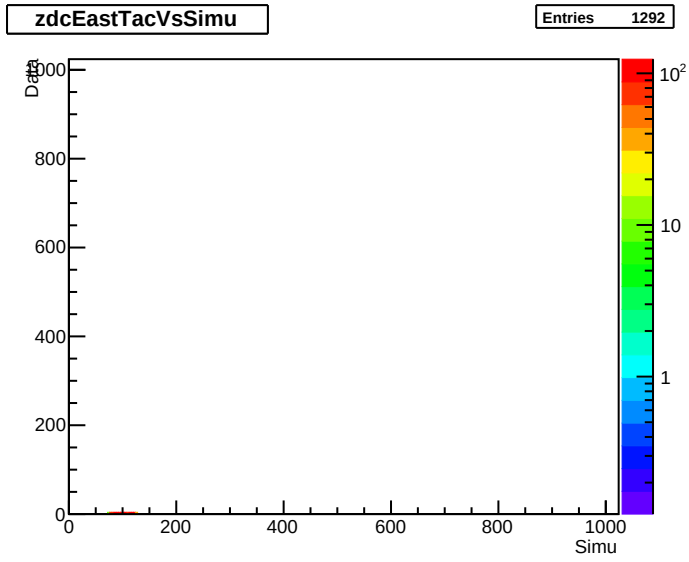

vpdWestAdcSum
Entries 557009

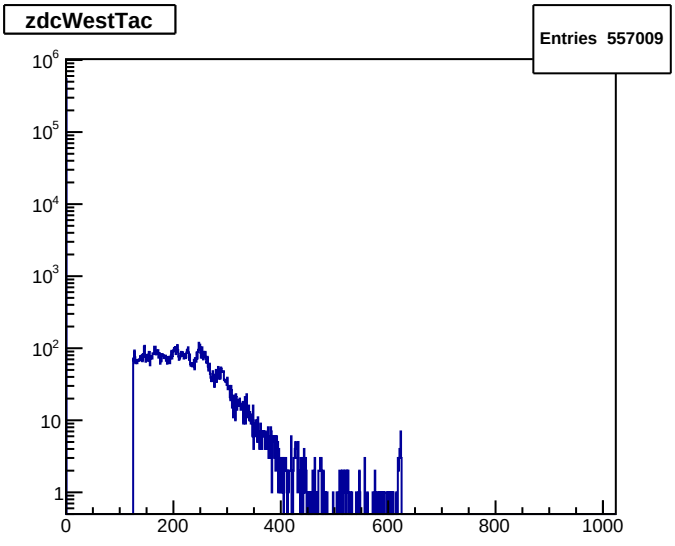

vpdWestAdcSumVsSimu
Entries 429139
Data
Simu

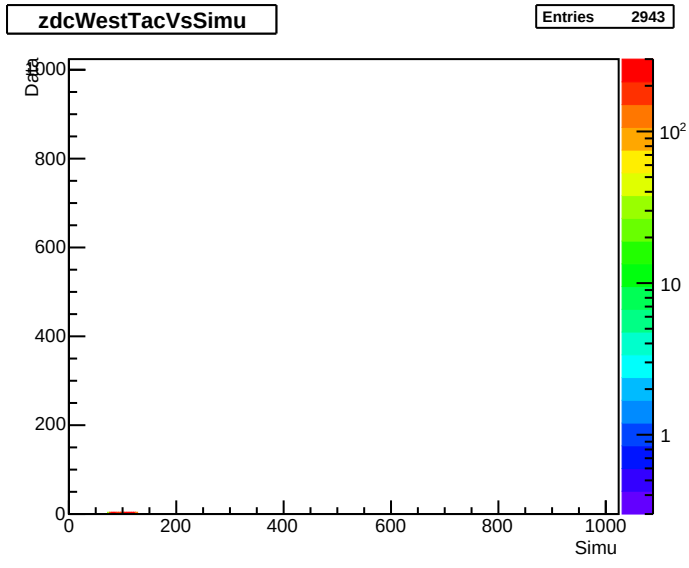

vpdWestTacMax
Entries 557009

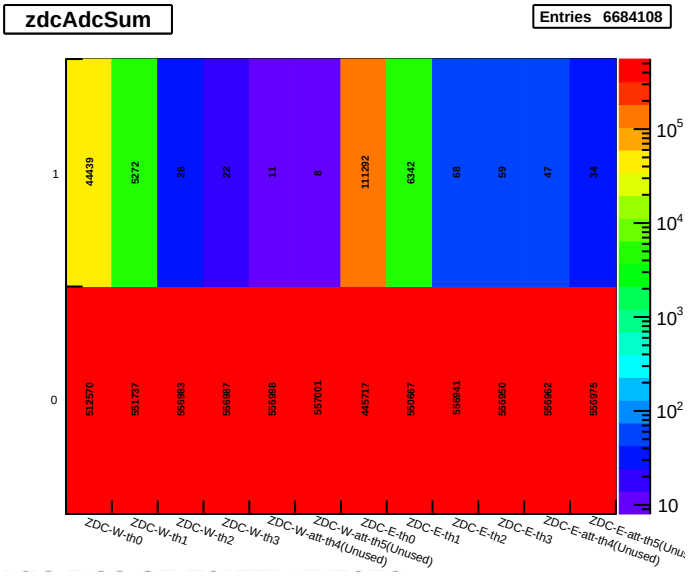

vpdWestTacMaxVsSimu
Entries 429139
Data
Simu

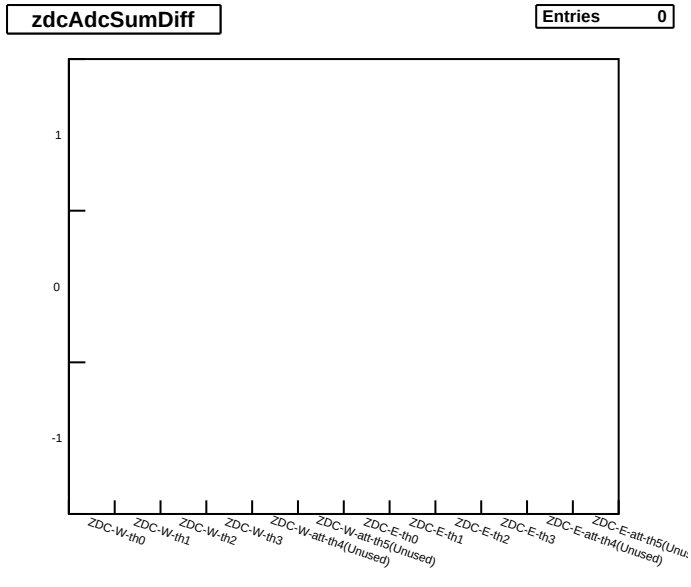

zdcEastTac
Entries 557009


zdcEastTacVsSimu
Entries 1292
Data
Simu


zdcWestTac
Entries 557009


zdcWestTacVsSimu
Entries 2943
Data
Simu


zdcAdcSum
Entries 6684108
44439
5272
26
22
11
8
111292
6342
68
59
47
34
512570
551737
556983
556987
556998
557001
445717
550667
556941
556950
556962
556975
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
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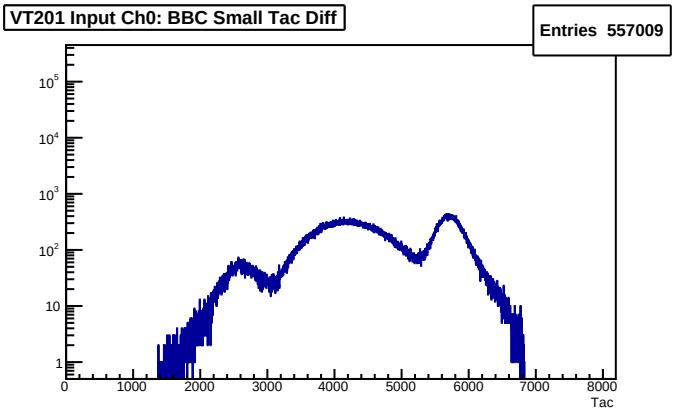
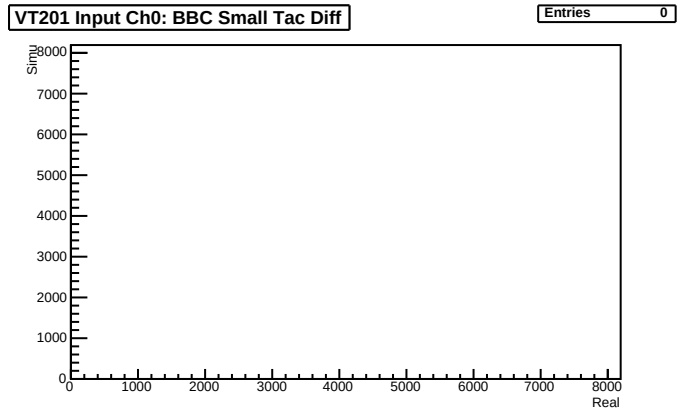
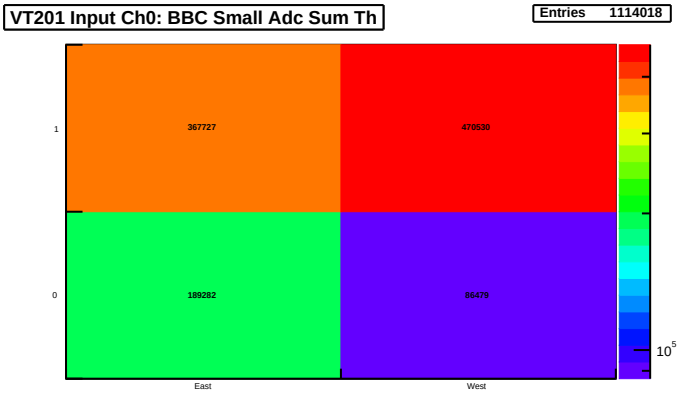
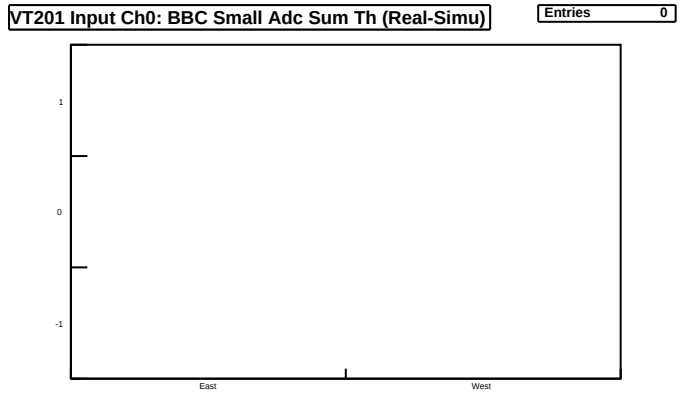
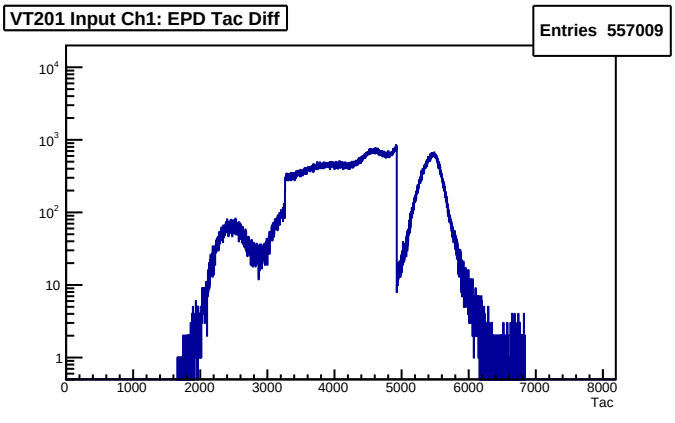
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

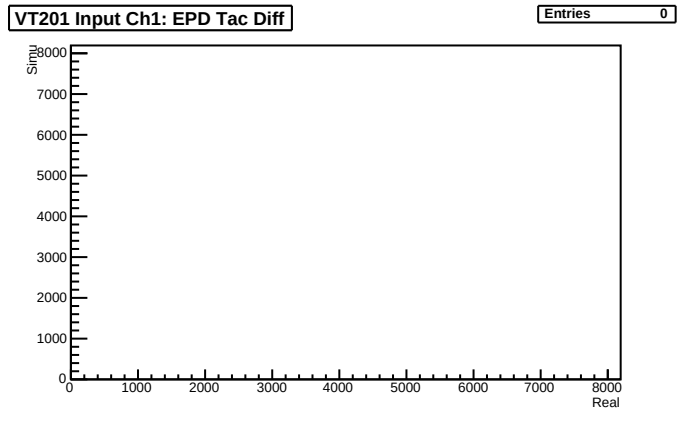

VT201 Input Ch0: BBC Small Tac Diff
Entries 557009
Tac

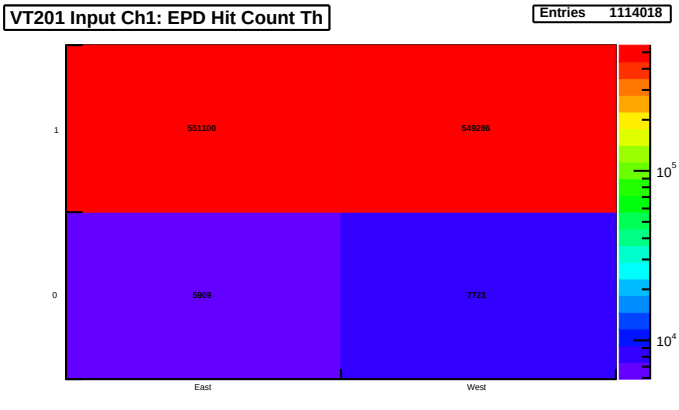

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

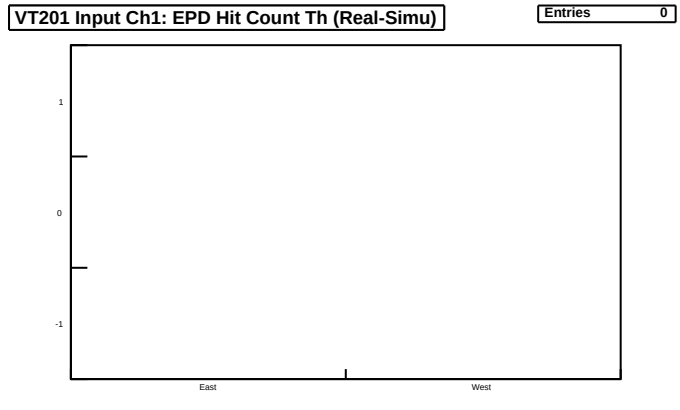

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1114018
367727
470530
189282
86479
East
West

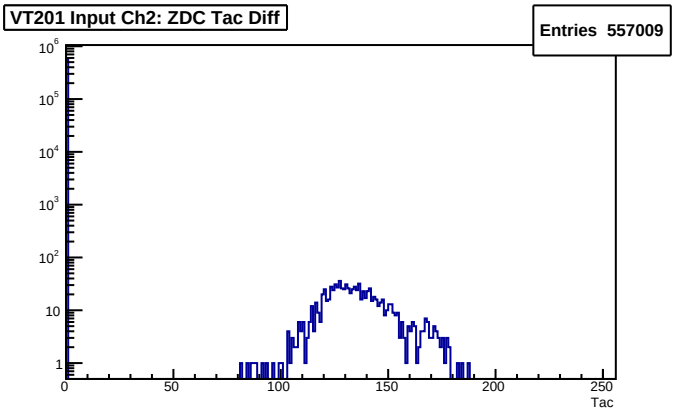

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

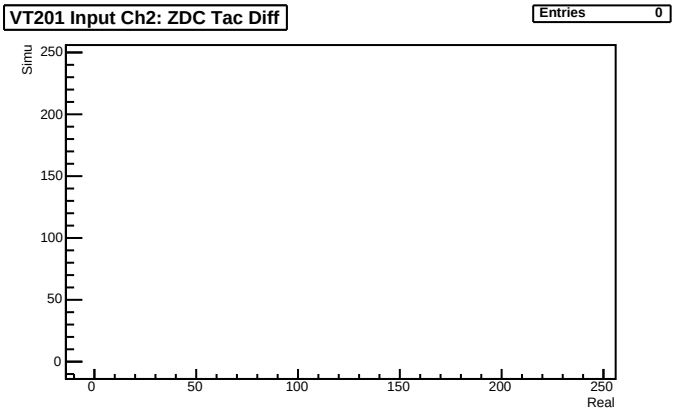

VT201 Input Ch1: EPD Tac Diff
Entries 557009
Tac

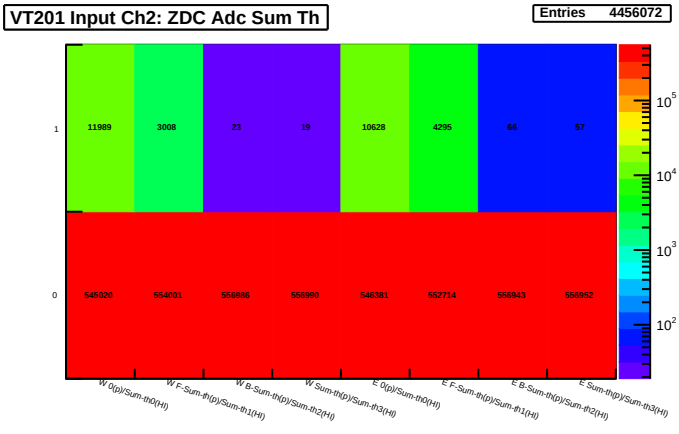

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

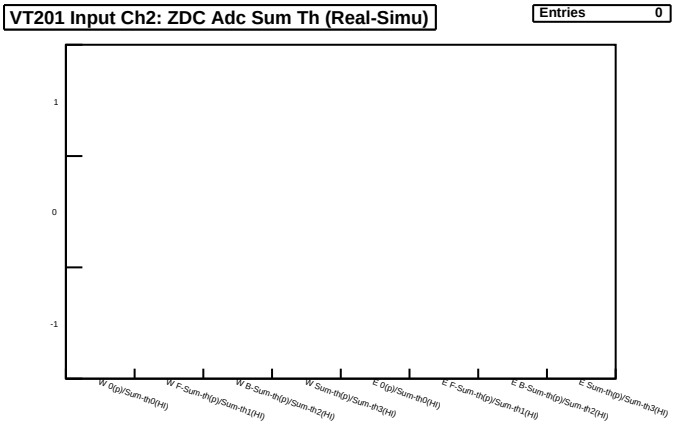

VT201 Input Ch1: EPD Hit Count Th
Entries 1114018
551100
549286
5909
7723
East
West

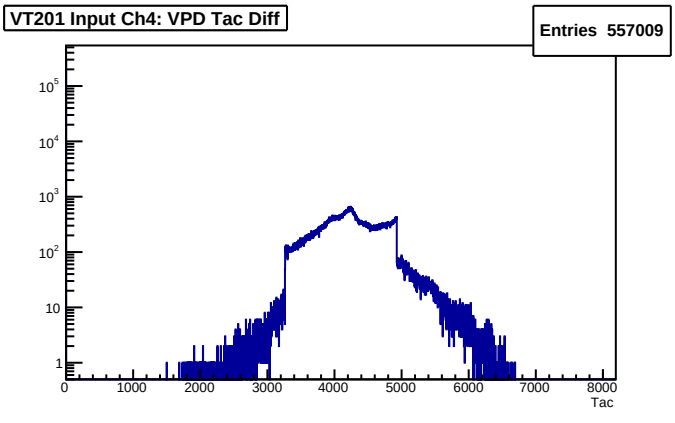

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

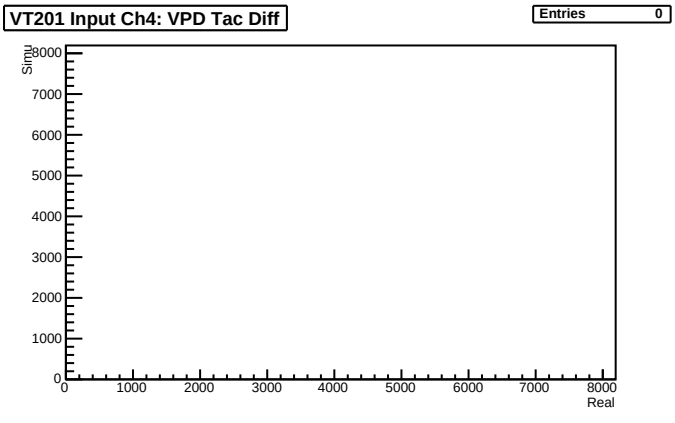

VT201 Input Ch2: ZDC Tac Diff
Entries 557009
Tac

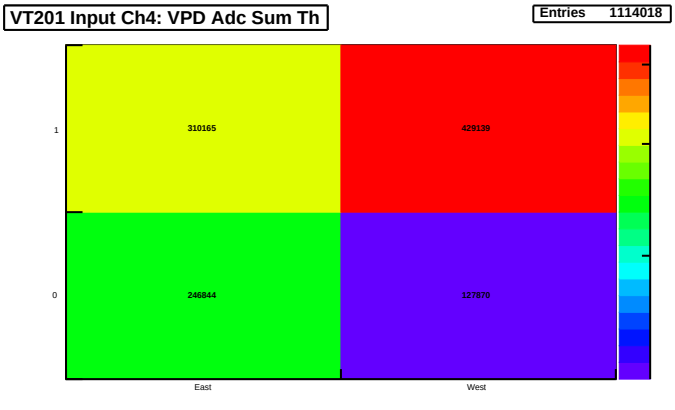

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

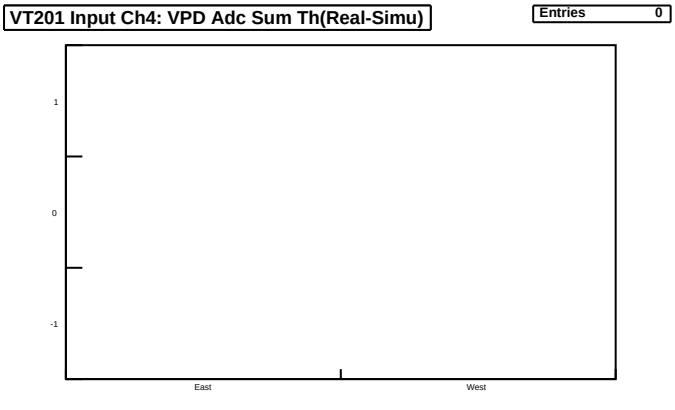

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4456072
11989
3008
23
19
10628
4295
66
57
545020
554001
556986
556990
546381
552714
556943
556952
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

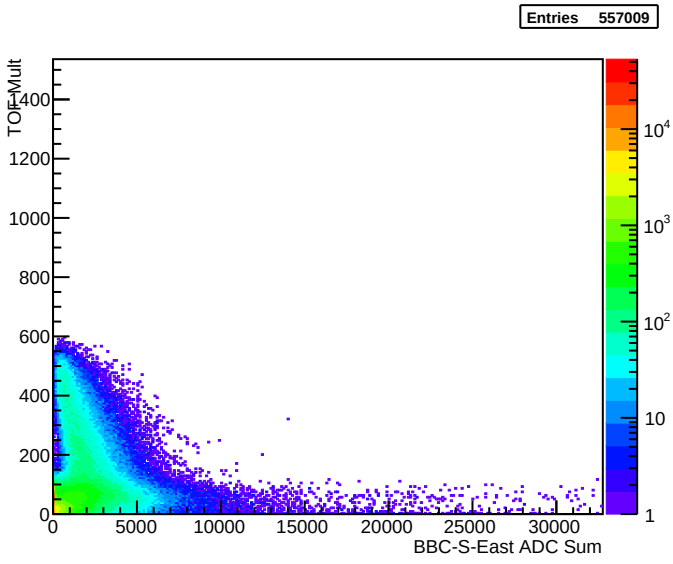

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

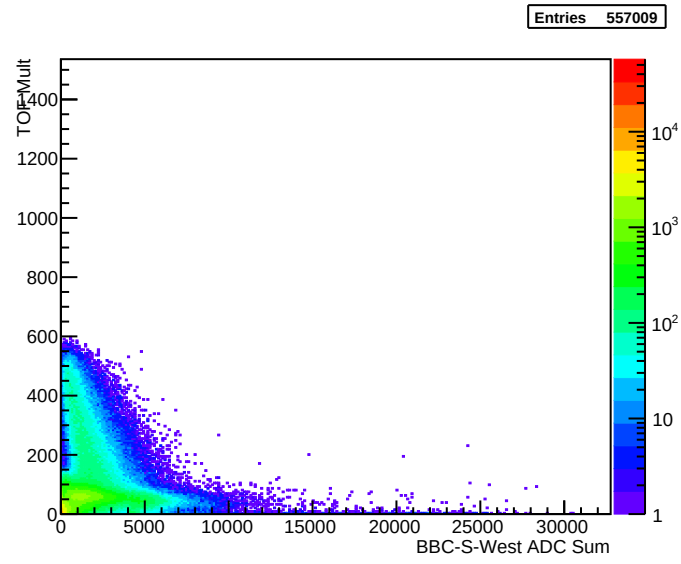

VT201 Input Ch4: VPD Tac Diff
Entries 557009
Tac

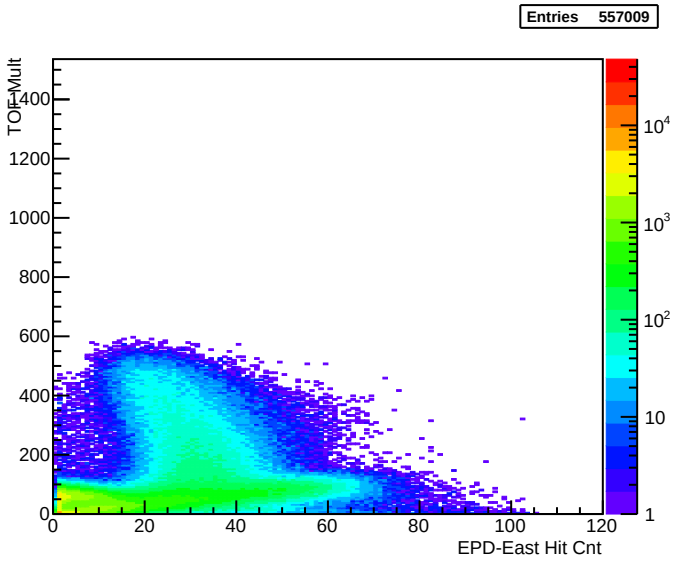

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

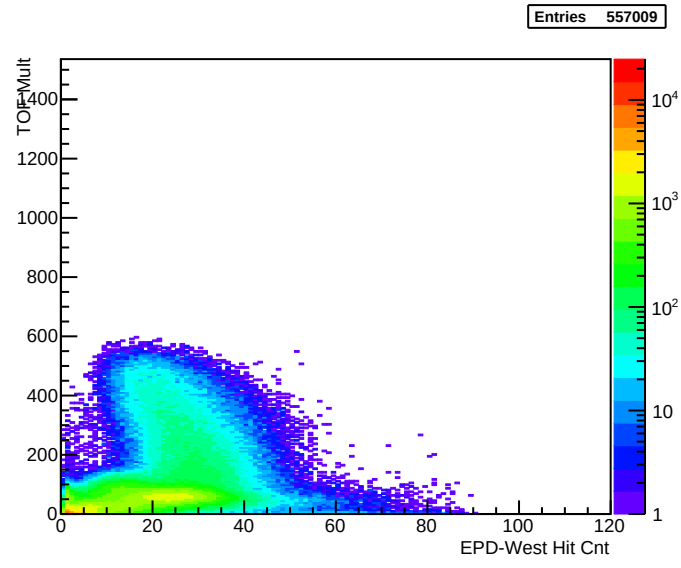

VT201 Input Ch4: VPD Adc Sum Th
Entries 1114018
310165
429139
246844
127870
East
West

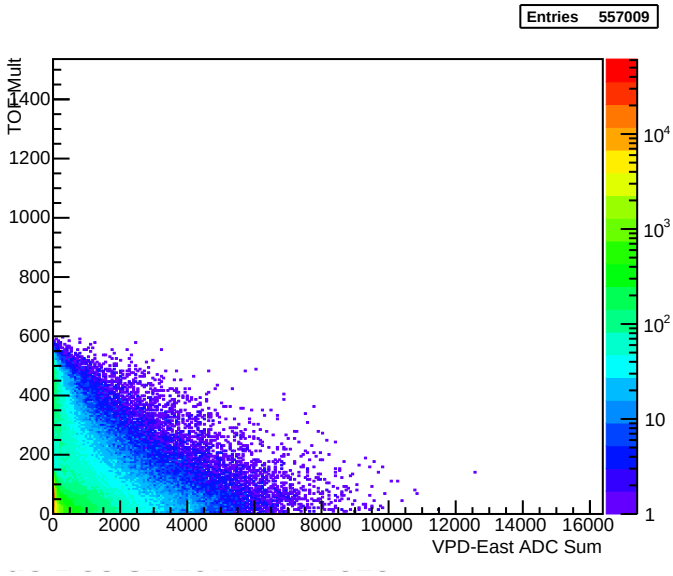

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

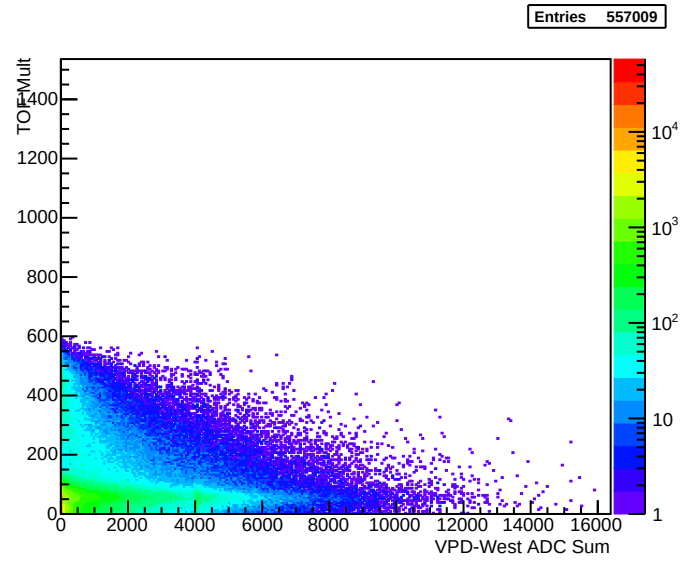

Entries 557009
TOF-Mult
BBC-S-East ADC Sum

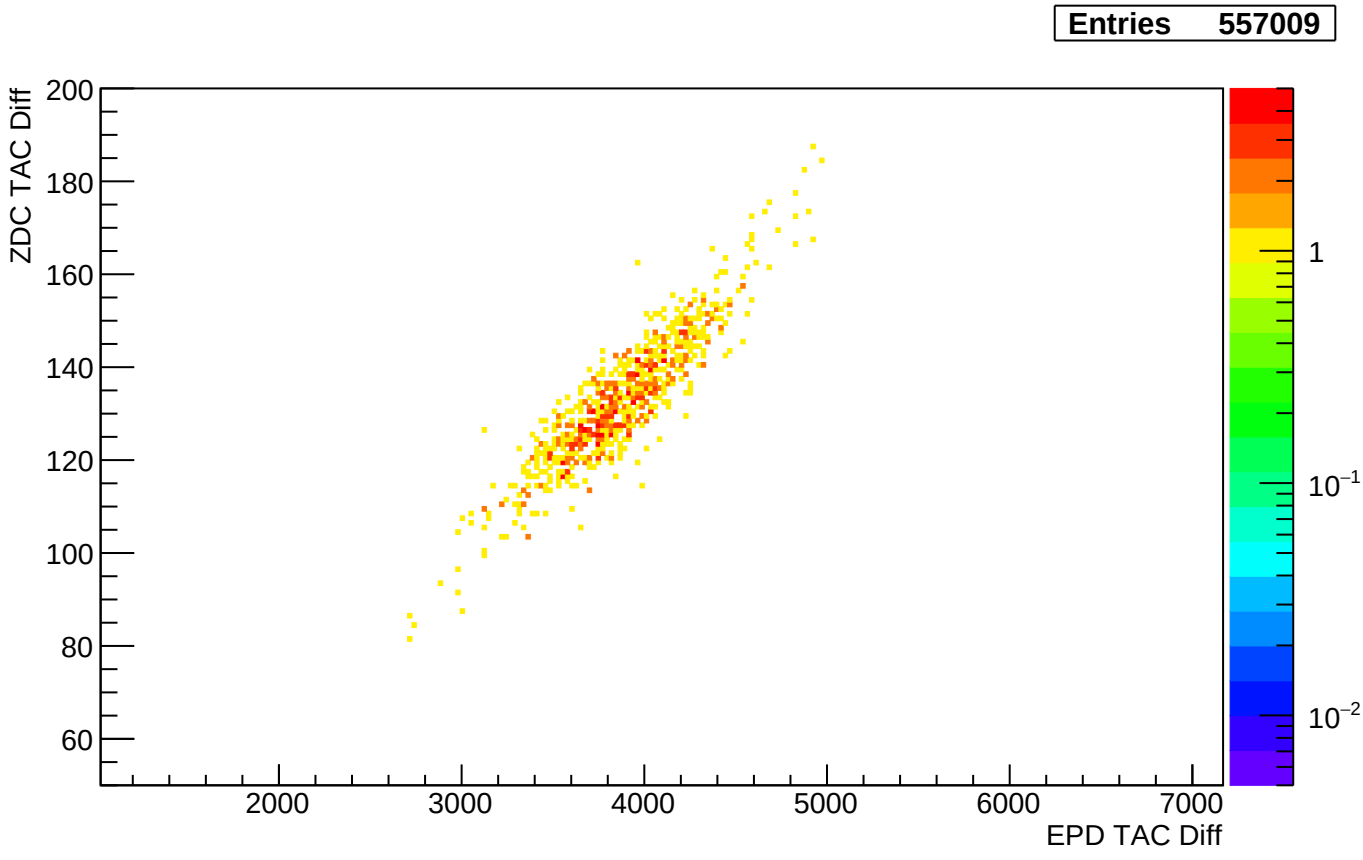

Entries 557009
TOF-Mult
BBC-S-West ADC Sum

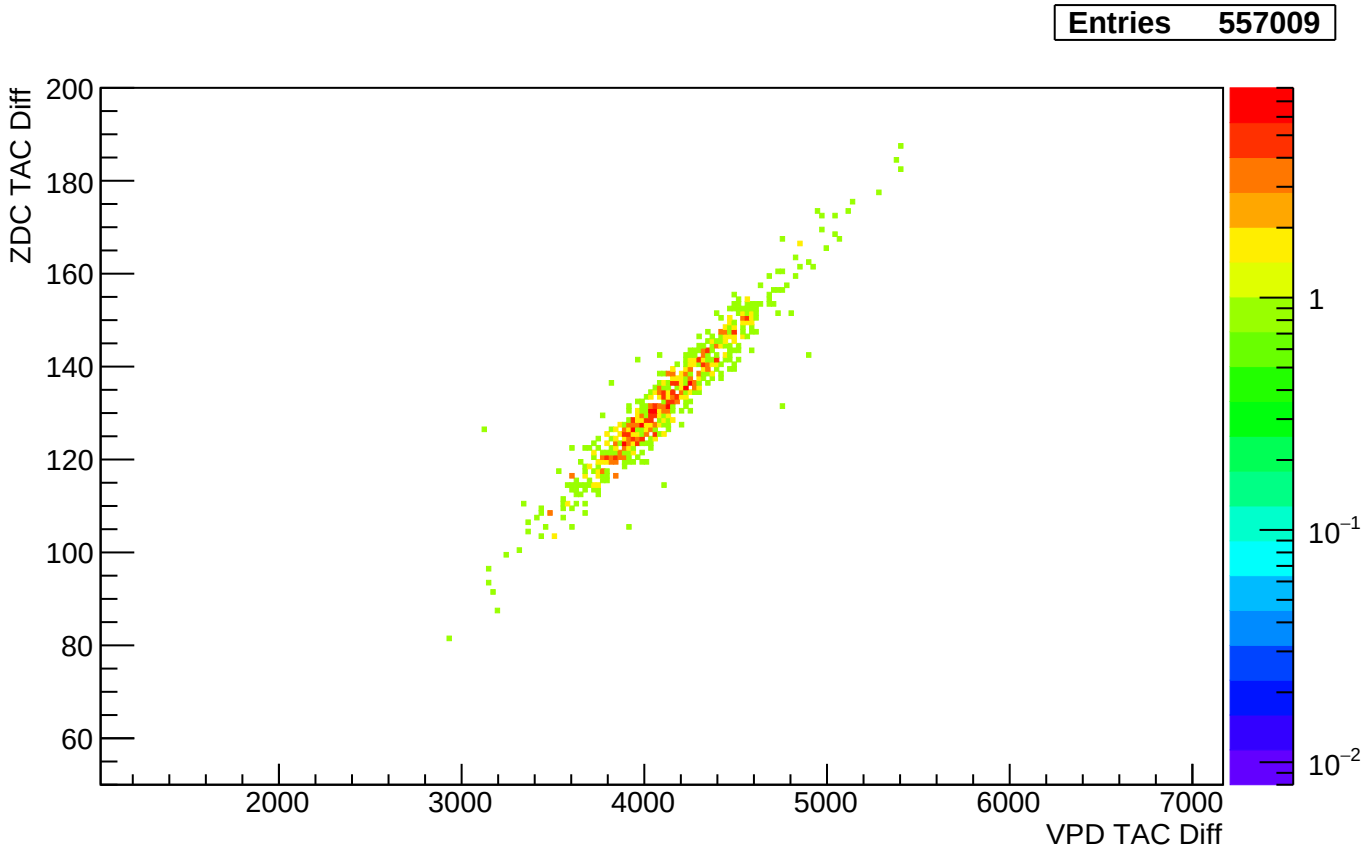

Entries 557009
TOF-Mult
EPD-East Hit Cnt

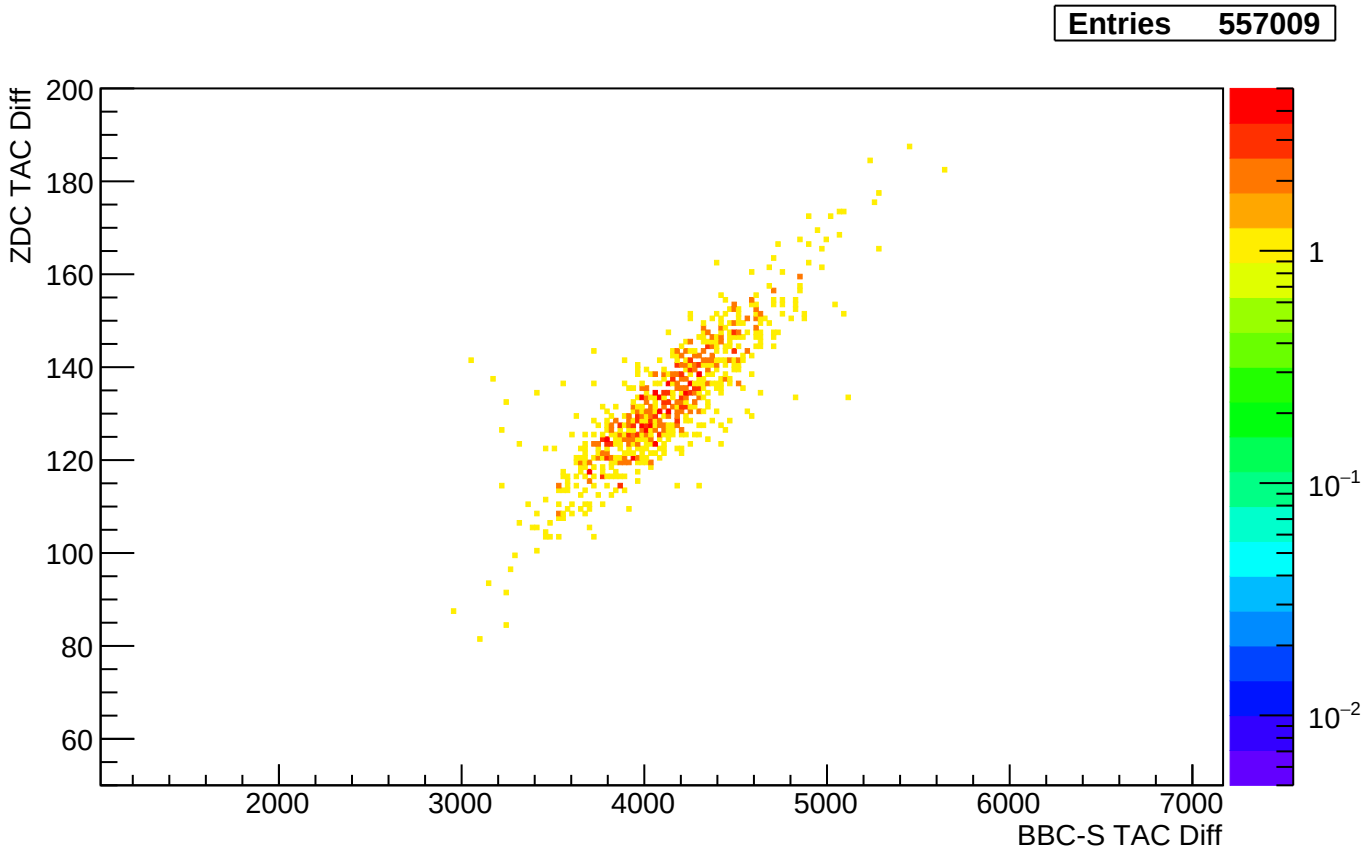

Entries 557009
TOF-Mult
EPD-West Hit Cnt

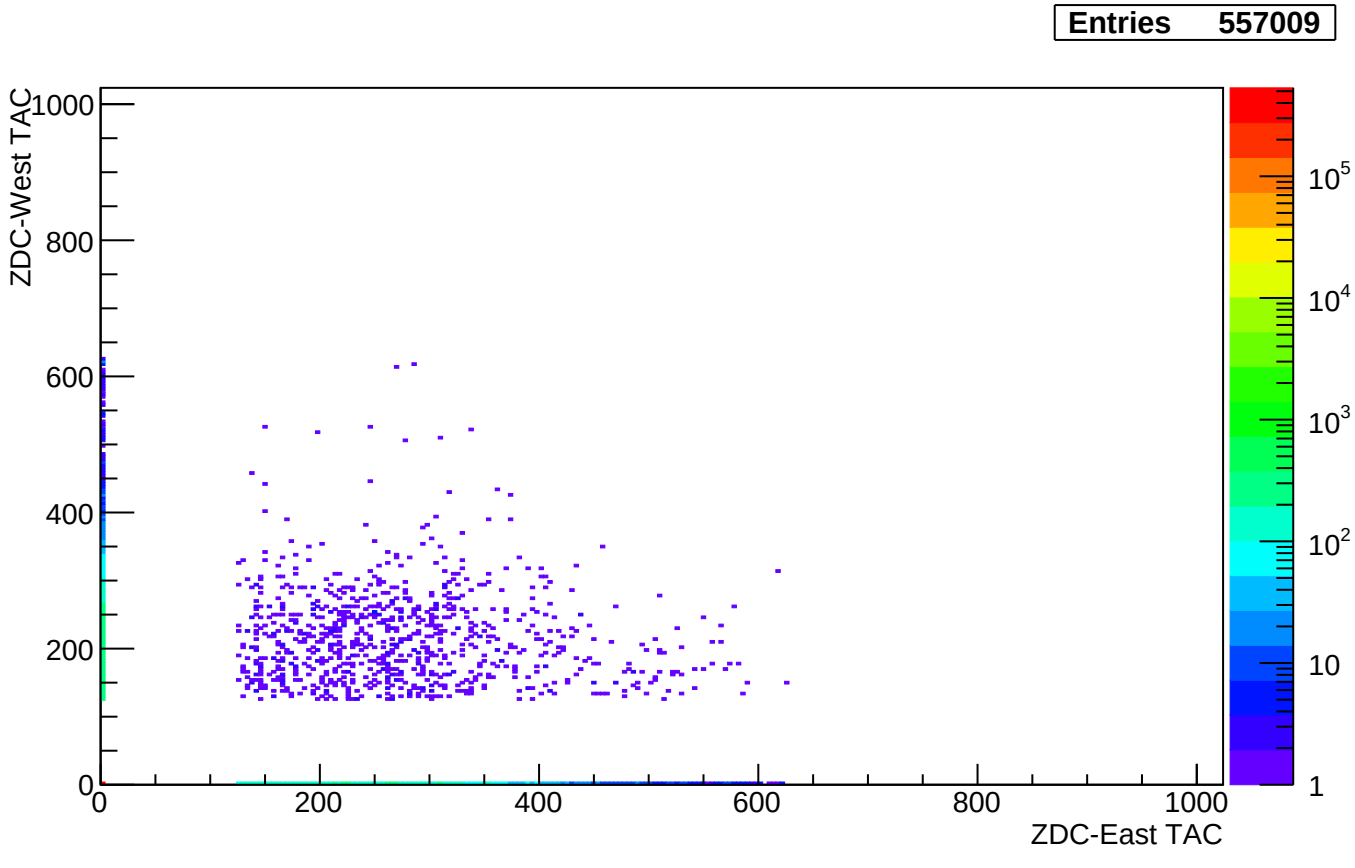

Entries 557009
TOF-Mult
VPD-East ADC Sum

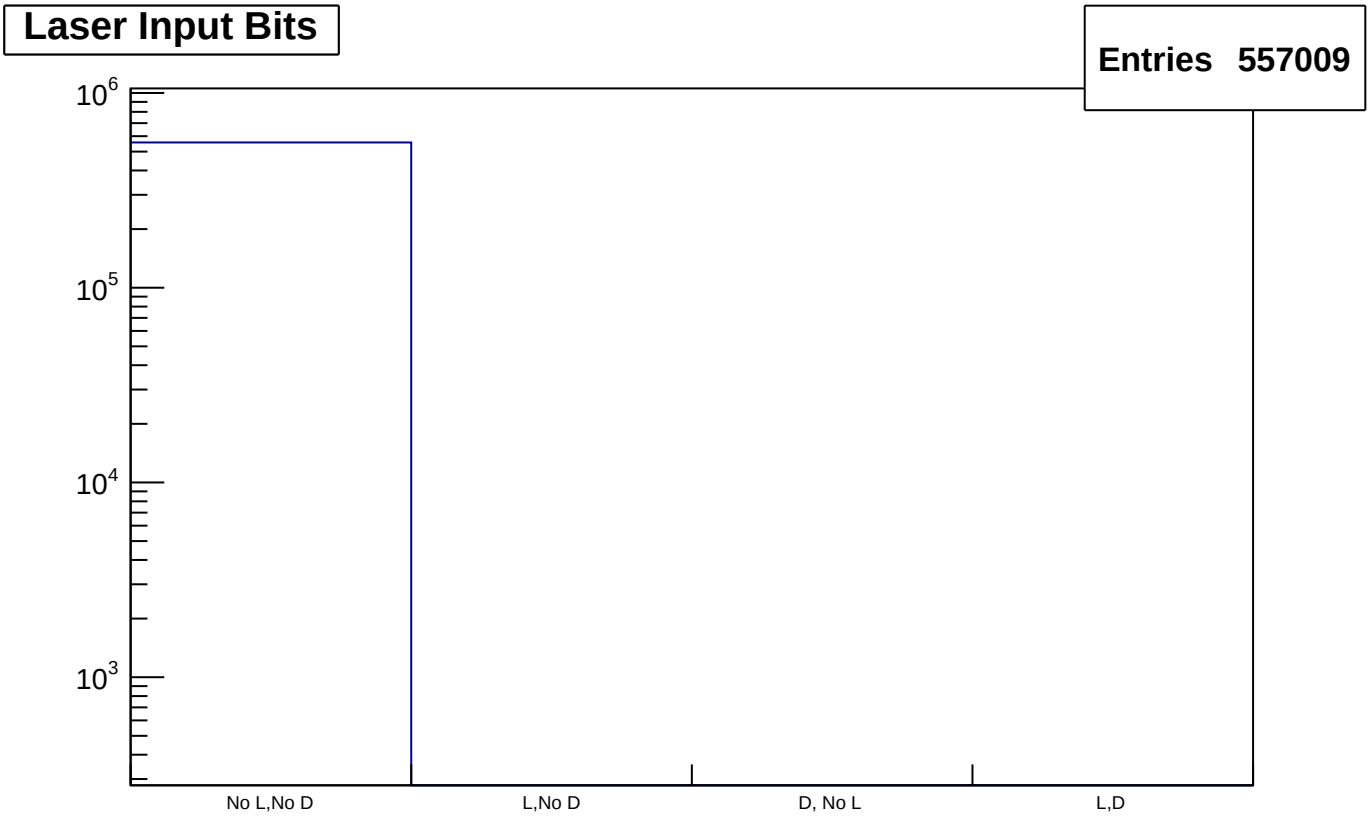

Entries 557009
TOF-Mult
VPD-West ADC Sum

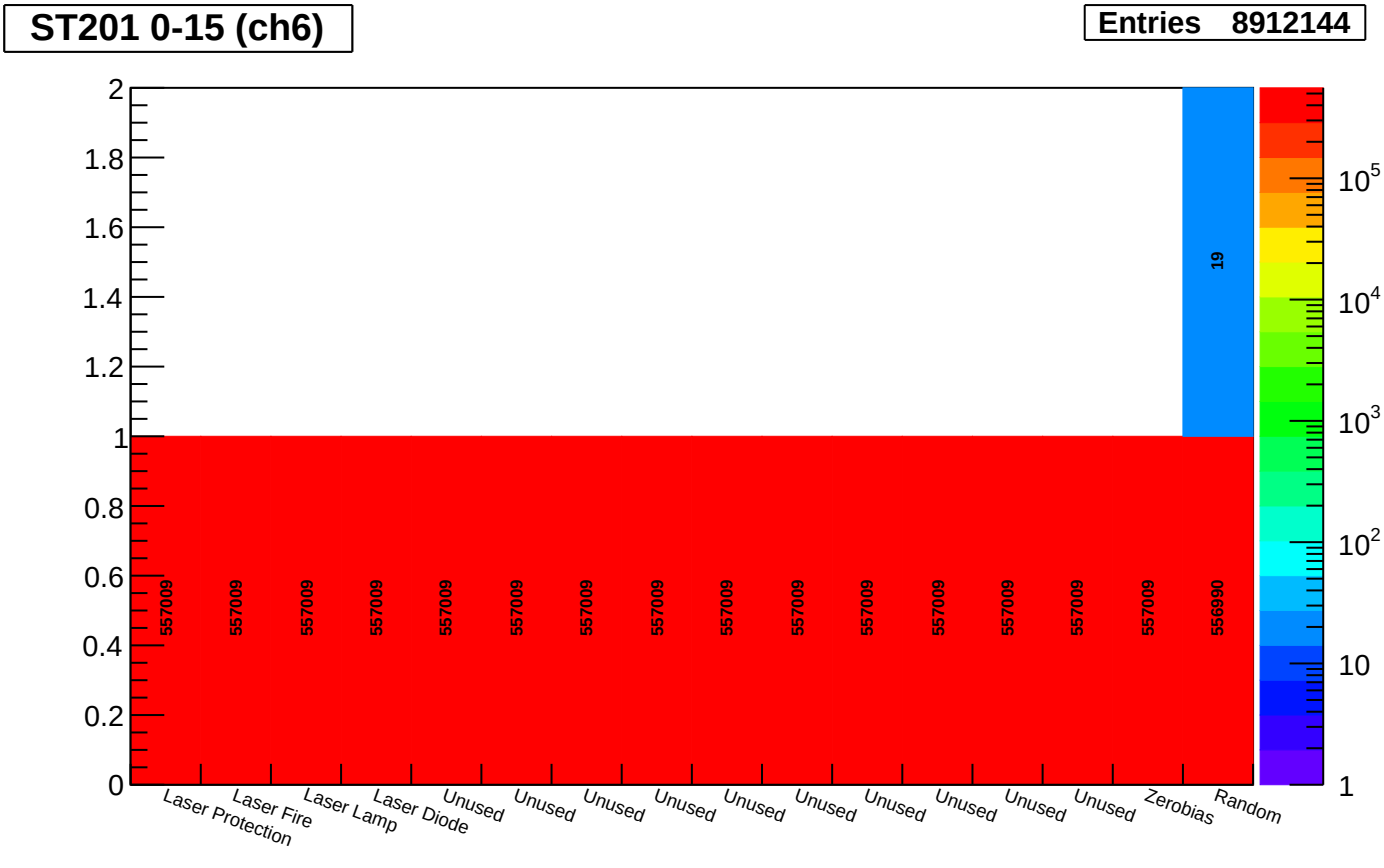

Entries 557009
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

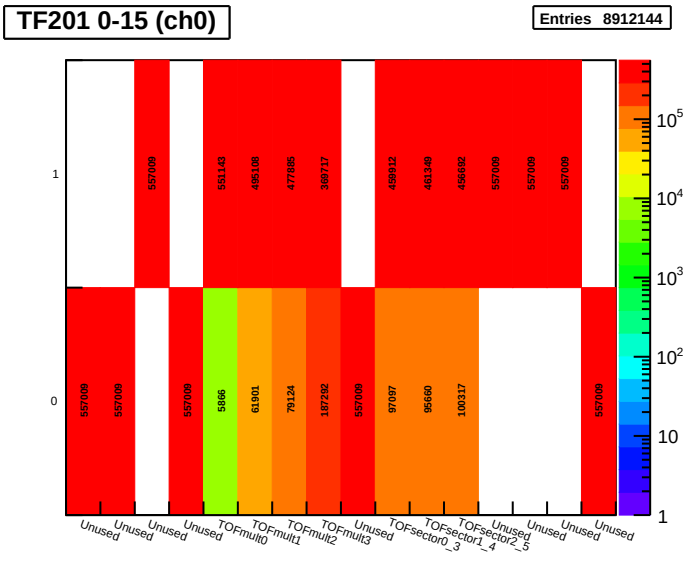

Entries 557009
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

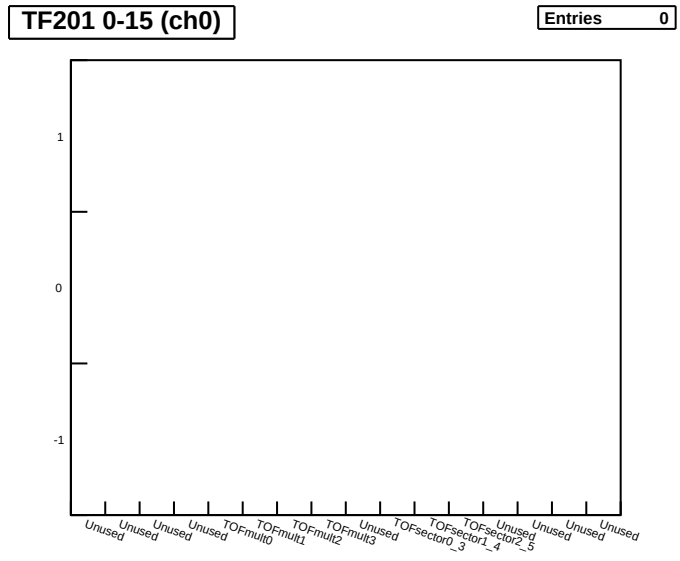

Entries 557009
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

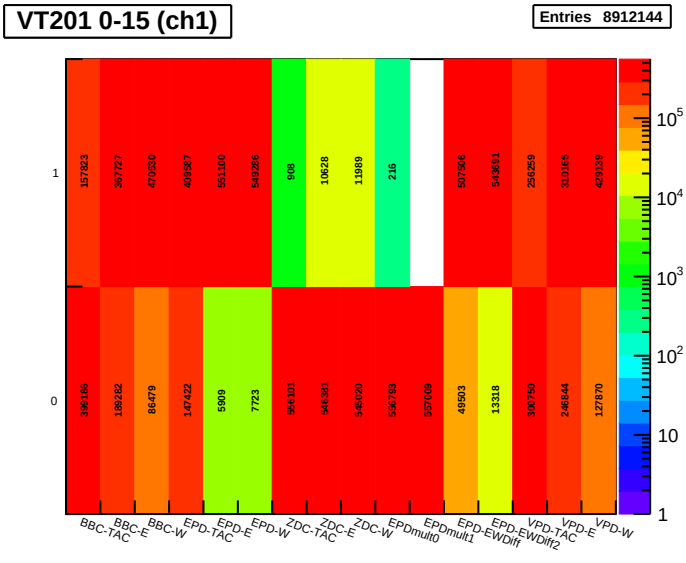

Entries 557009
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

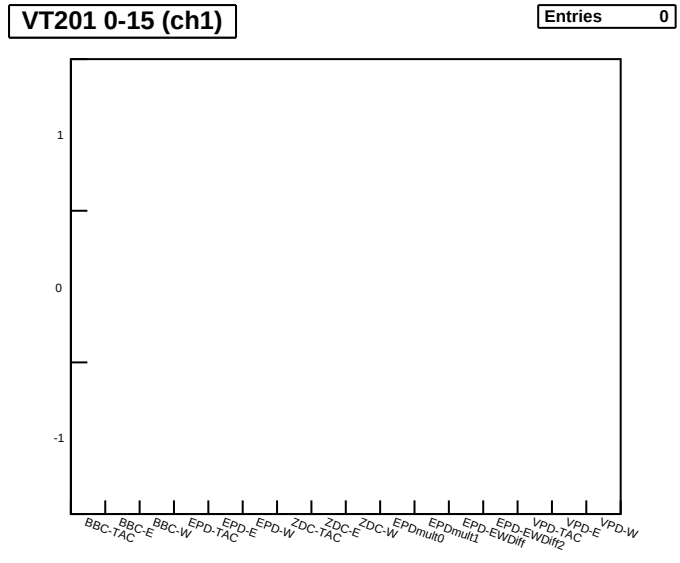

Laser Input Bits
Entries 557009
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

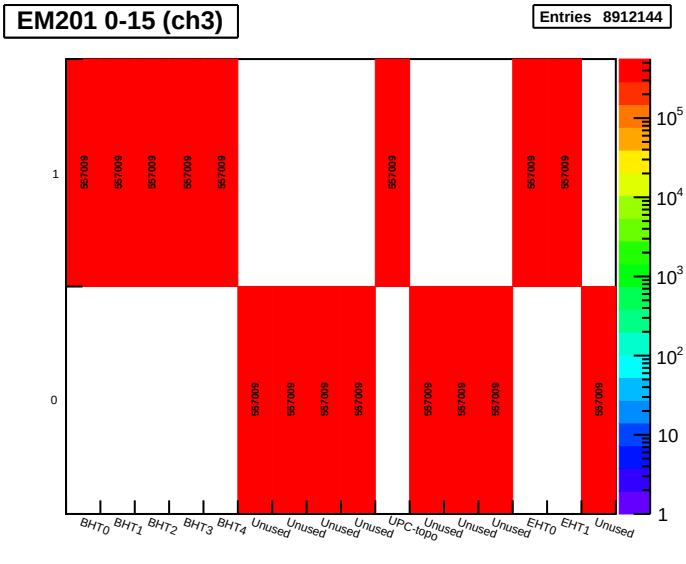

ST201 0-15 (ch6)
Entries 8912144
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
19
557009
556990
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

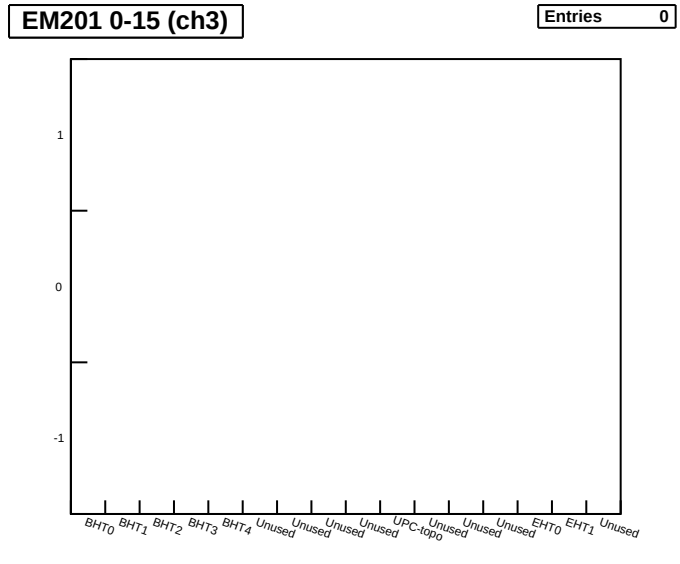

TF201 0-15 (ch0)
Entries 8912144
1
0
557009 551143 495108 477885 369717 459912 461349 456692 557009 557009 557009
557009 557009 557009 5866 61901 79124 187292 557009 97097 95660 100317 557009
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 8912144
1
0
157823 367727 470530 409587 551100 549286 908 10628 11989 216 507506 543891 256259 310165 429139
399186 188282 86479 147422 5909 7723 556101 546381 545020 556793 557009 49503 13318 300750 246844 127870
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 8912144
1
0
557009 557009 557009 557009 557009 557009 557009 557009
557009 557009 557009 557009 557009 557009 557009 557009
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