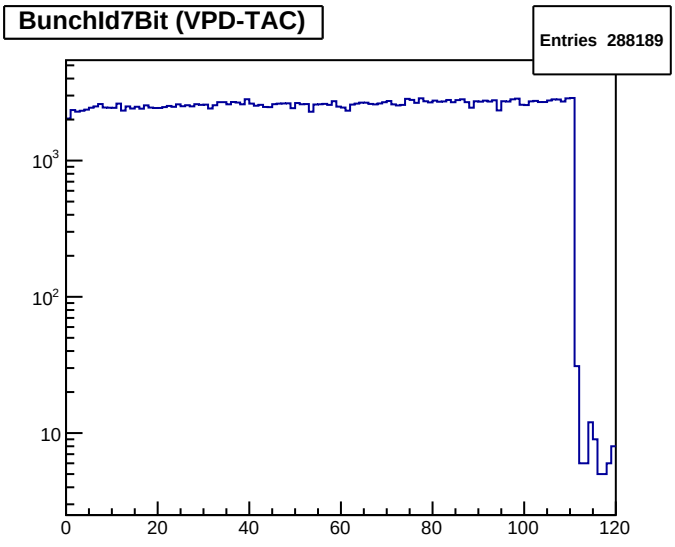
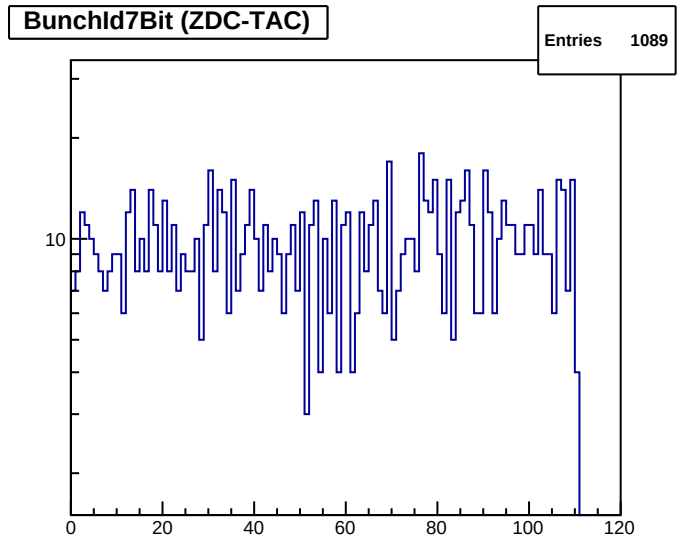
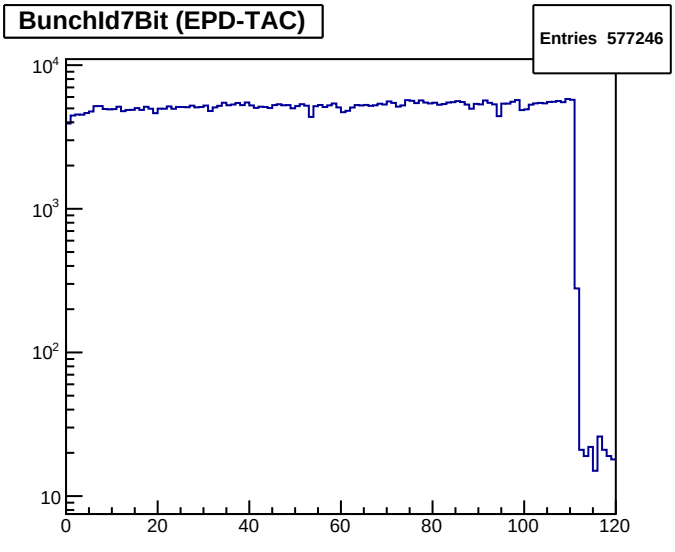
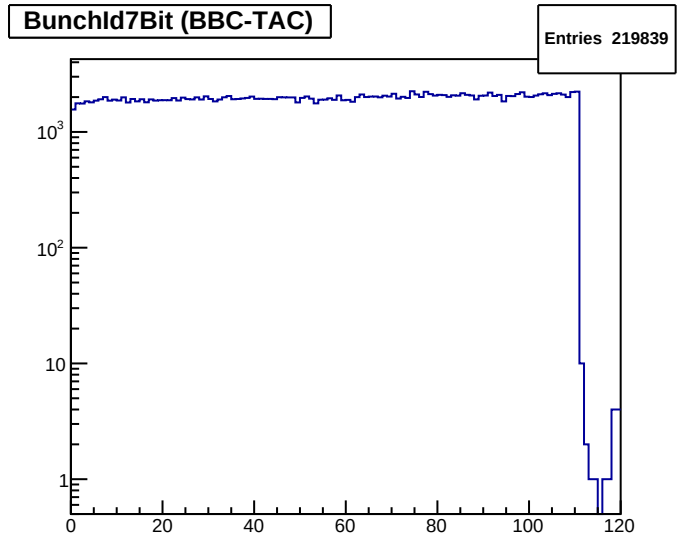
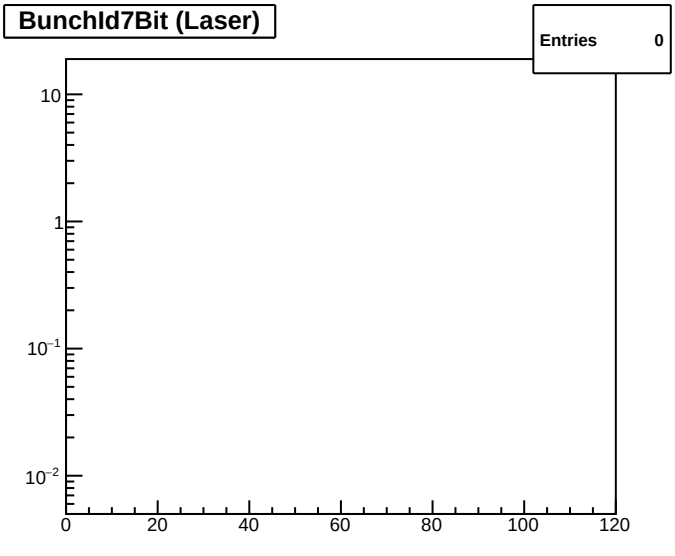
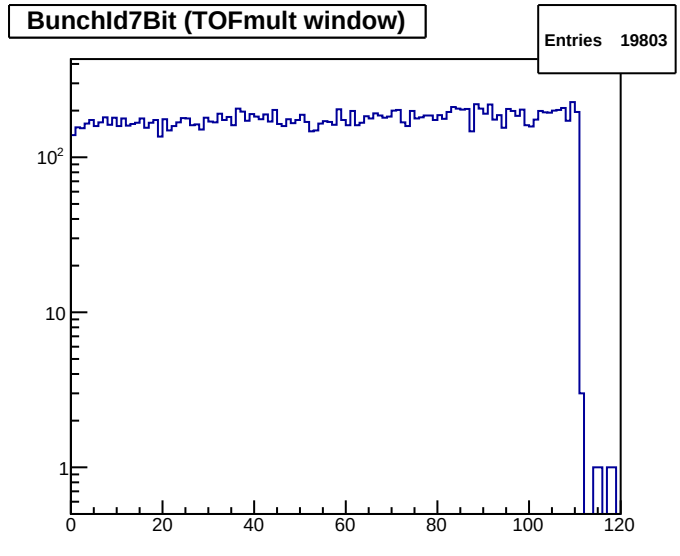

BunchId7Bit (VPD-TAC)
Entries 288189

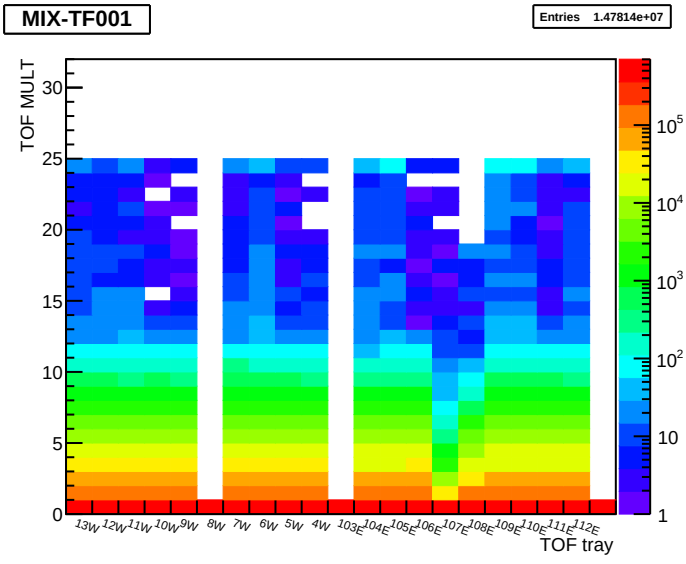

BunchId7Bit (ZDC-TAC)
Entries 1089

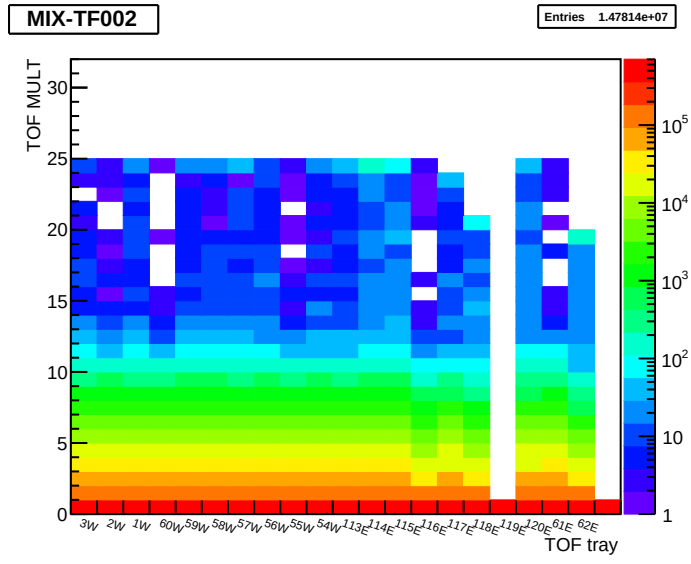

BunchId7Bit (EPD-TAC)
Entries 577246

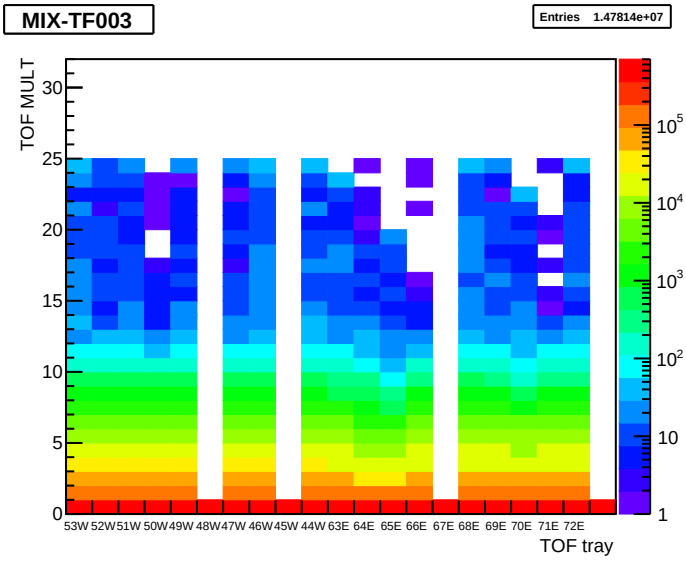

BunchId7Bit (BBC-TAC)
Entries 219839

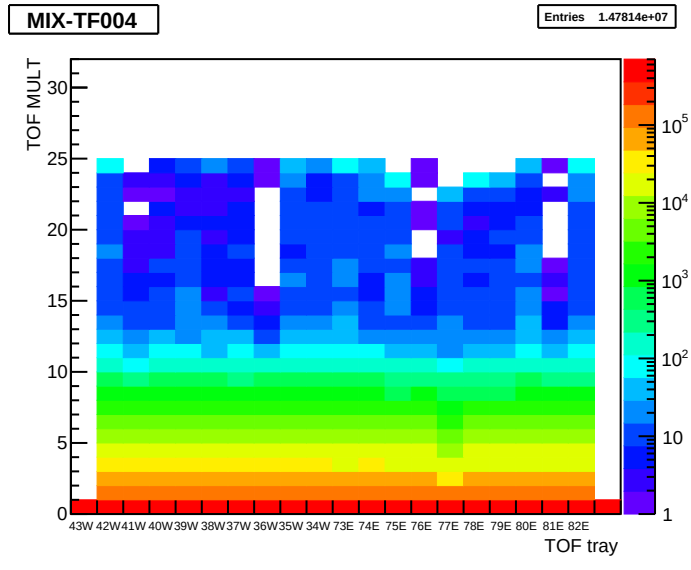

BunchId7Bit (Laser)
Entries 0

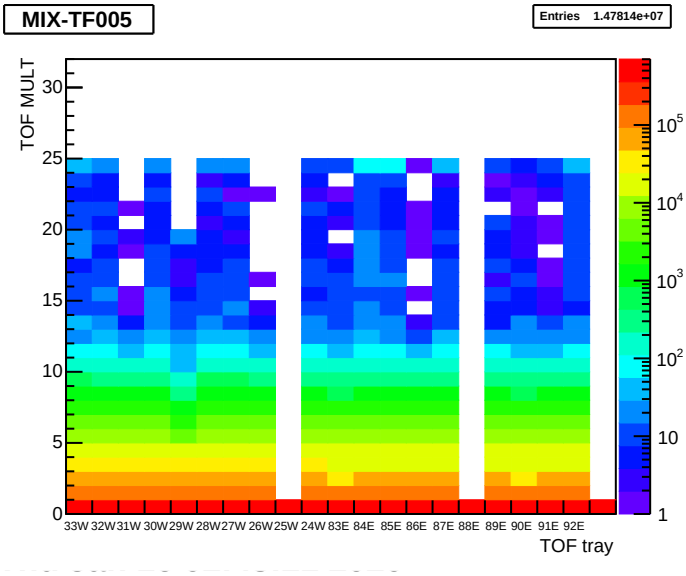

BunchId7Bit (TOFmult window)
Entries 19803

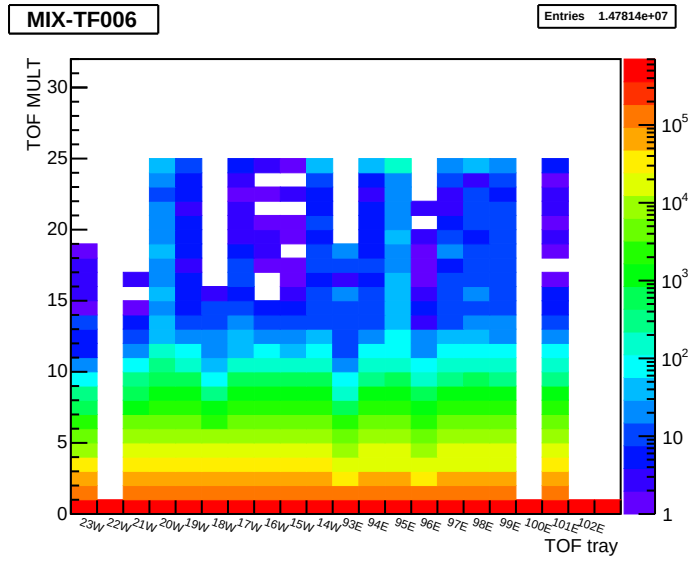

MIX-TF001
Entries 1.47814e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

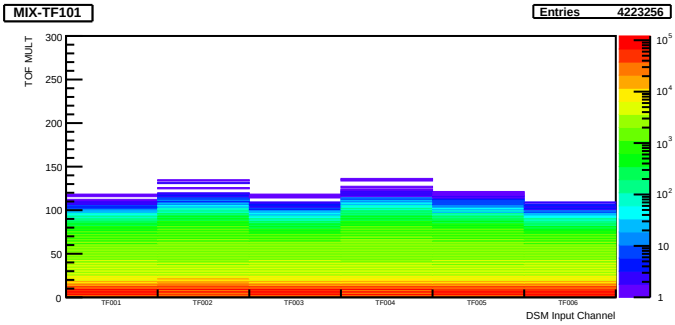

MIX-TF002
Entries 1.47814e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

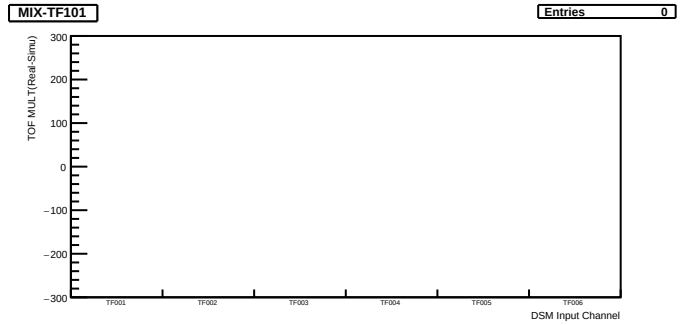

MIX-TF003
Entries 1.47814e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

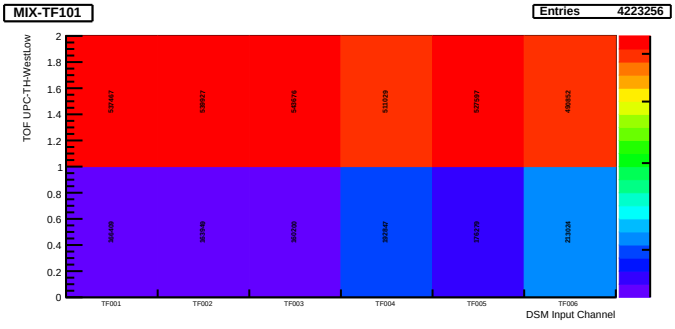

MIX-TF004
Entries 1.47814e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

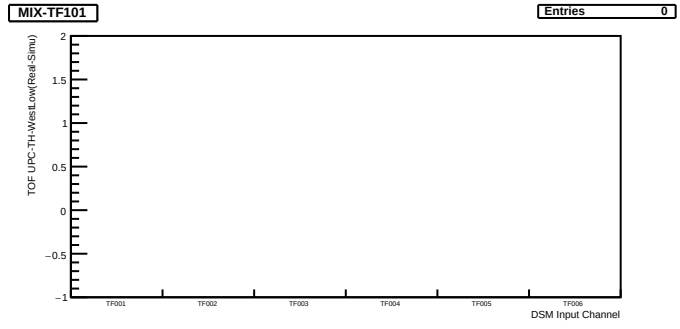

MIX-TF005
Entries 1.47814e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

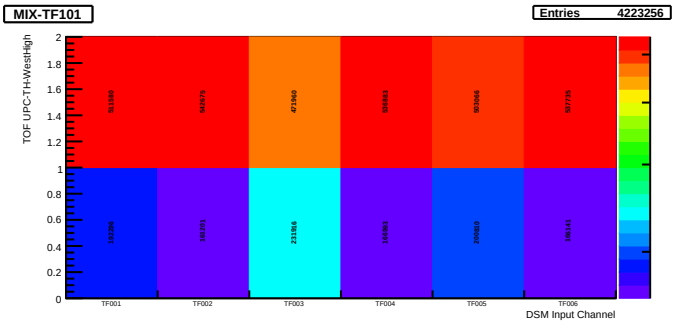

MIX-TF006
Entries 1.47814e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

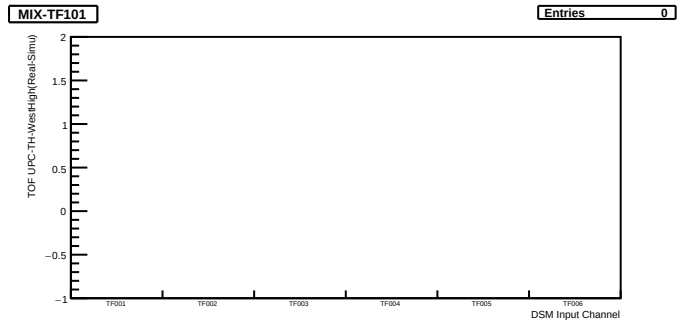

MIX-TF101
Entries 4223256
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

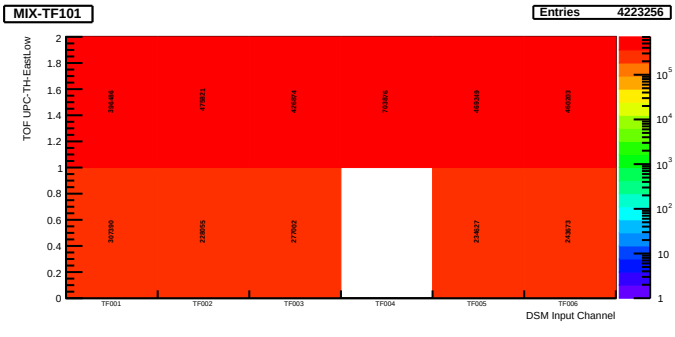

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

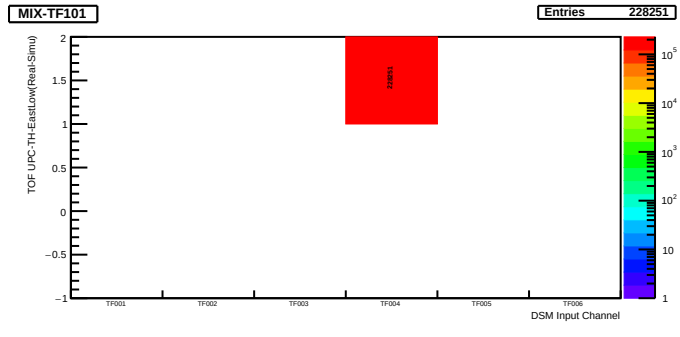

MIX-TF101
Entries 4223256
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

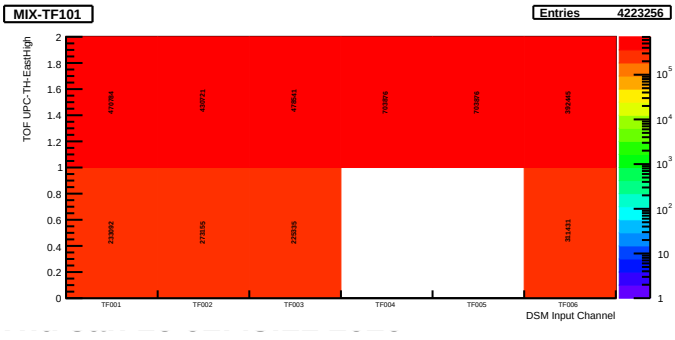

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

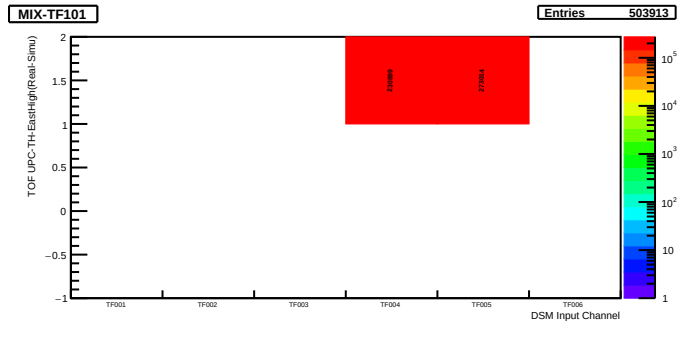

MIX-TF101
Entries 4223256
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

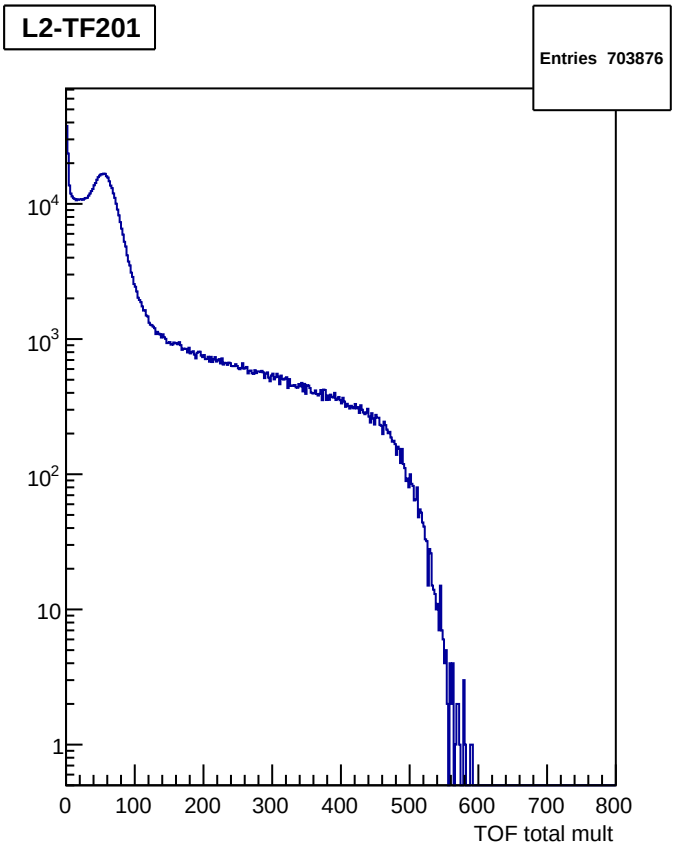

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

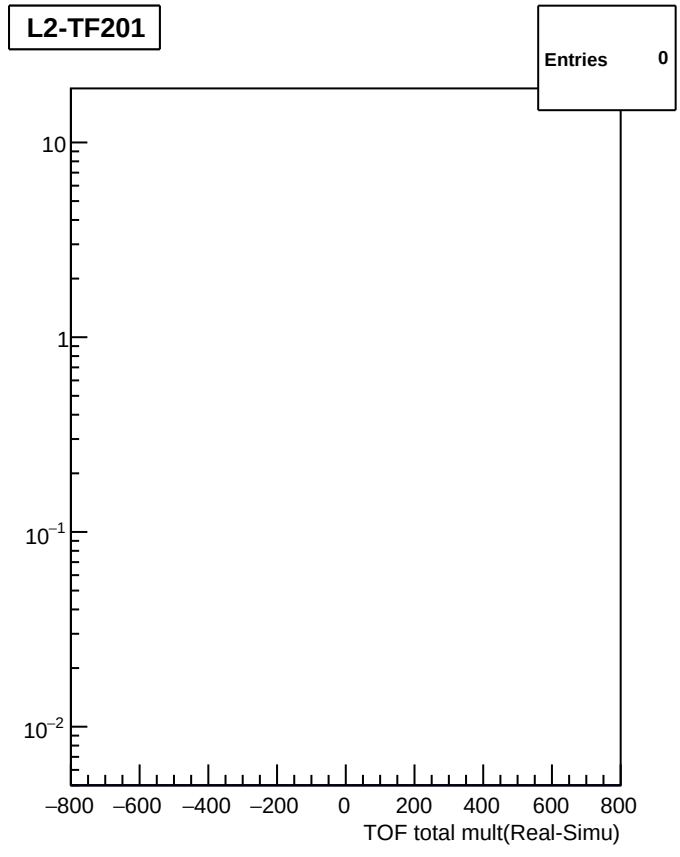

MIX-TF101
Entries 4223256
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

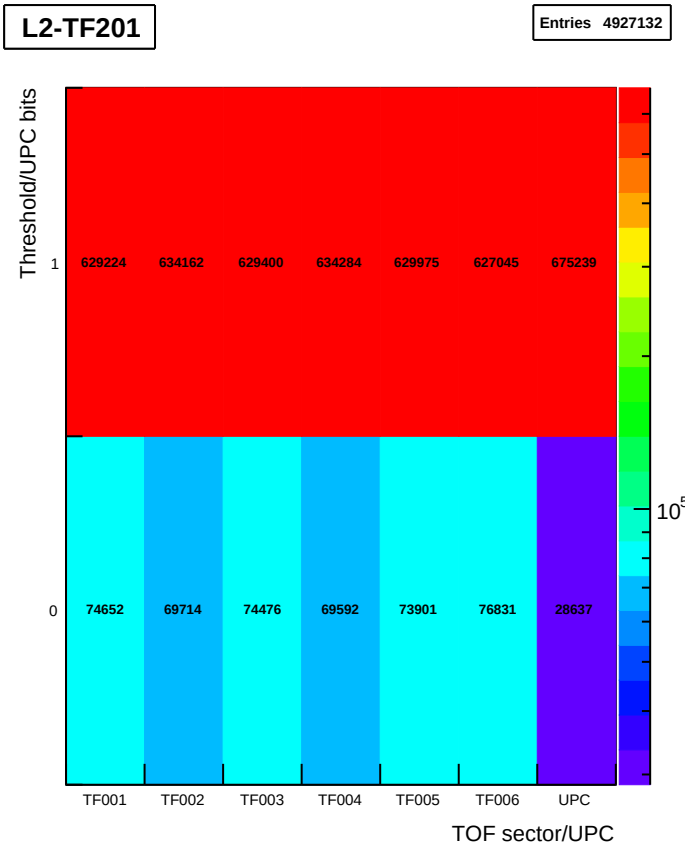

MIX-TF101
Entries 228251
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

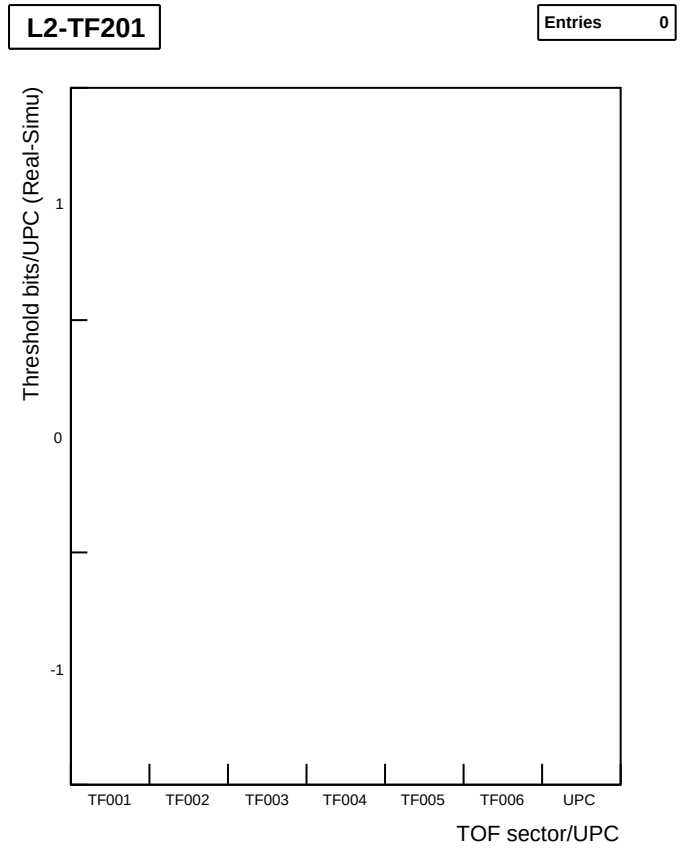

MIX-TF101
Entries 4223256
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

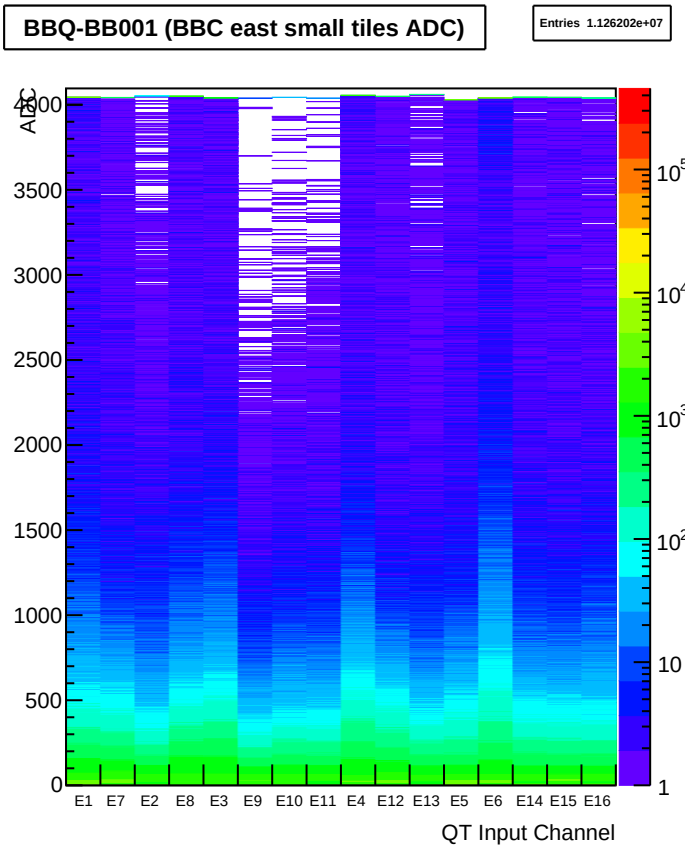

MIX-TF101
Entries 503913
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

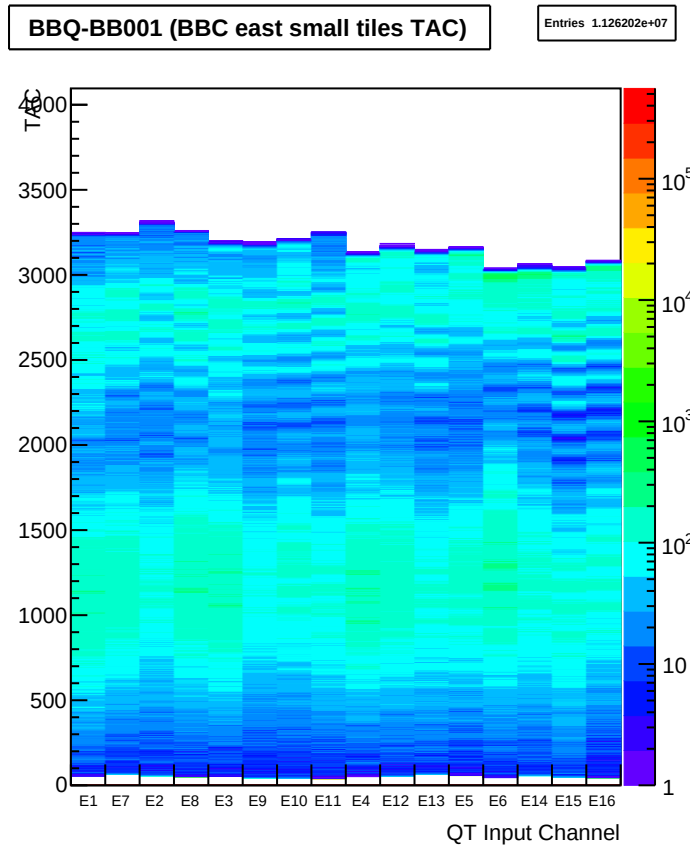

L2-TF201
Entries 703876
TOF total mult

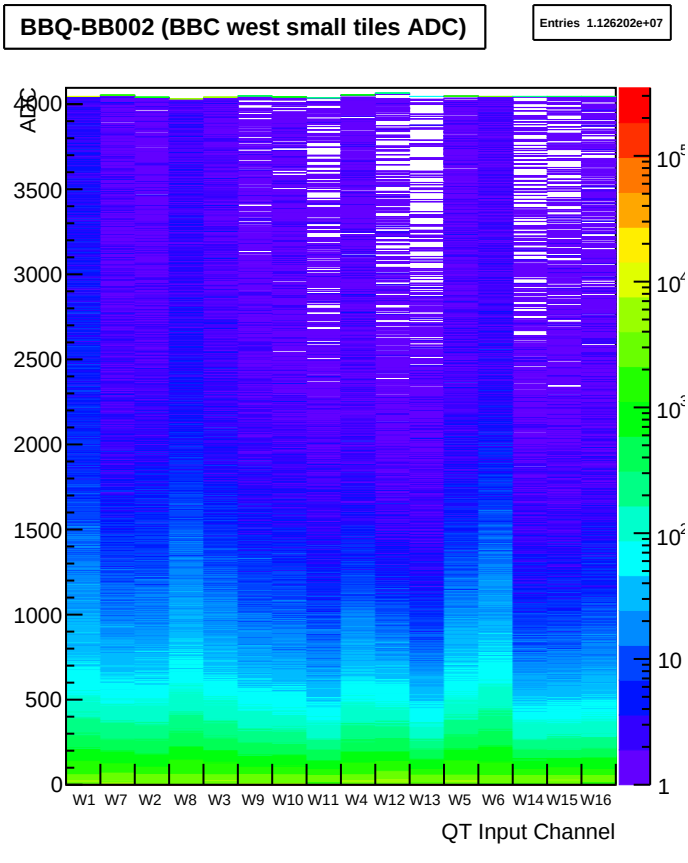

L2-TF201
Entries 0
TOF total mult(Real-Simu)

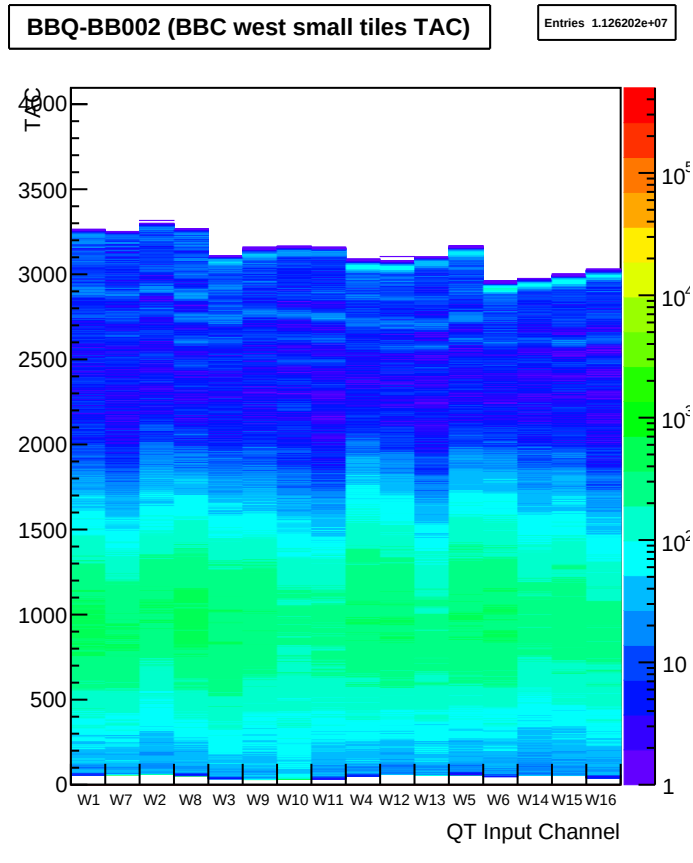

L2-TF201
Entries 4927132
Threshold/UPC bits
629224 634162 629400 634284 629975 627045 675239
74652 69714 74476 69592 73901 76831 28637
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

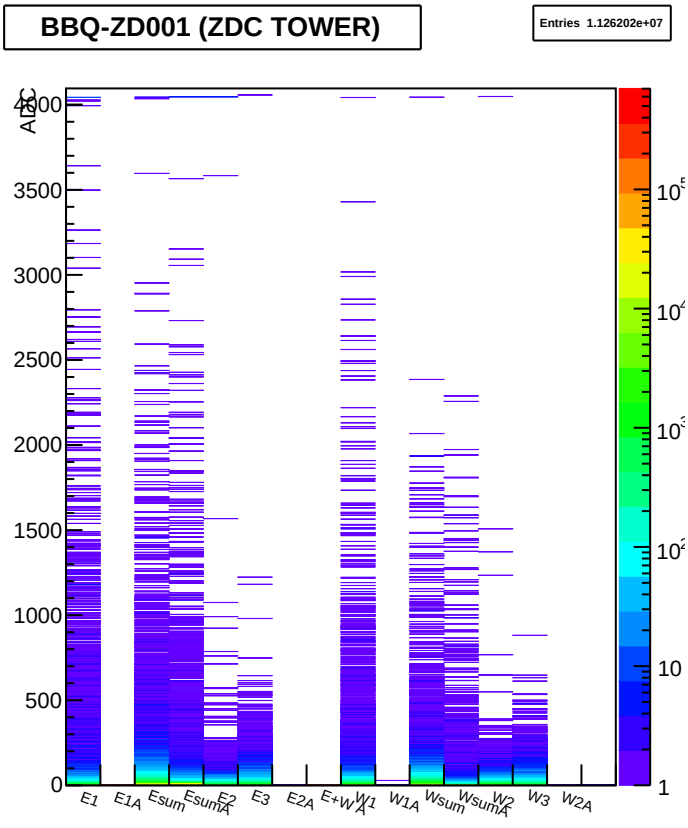

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

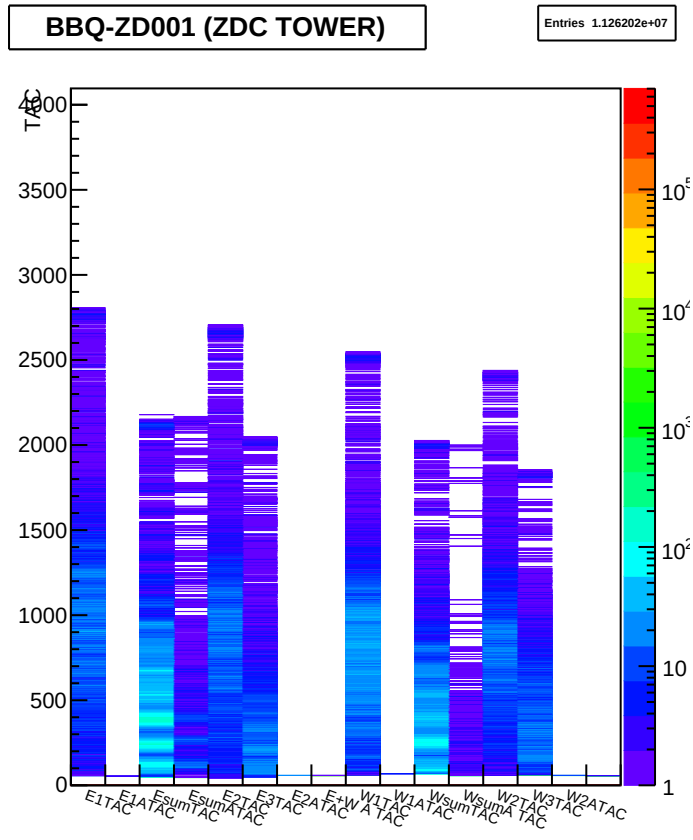

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.126202e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

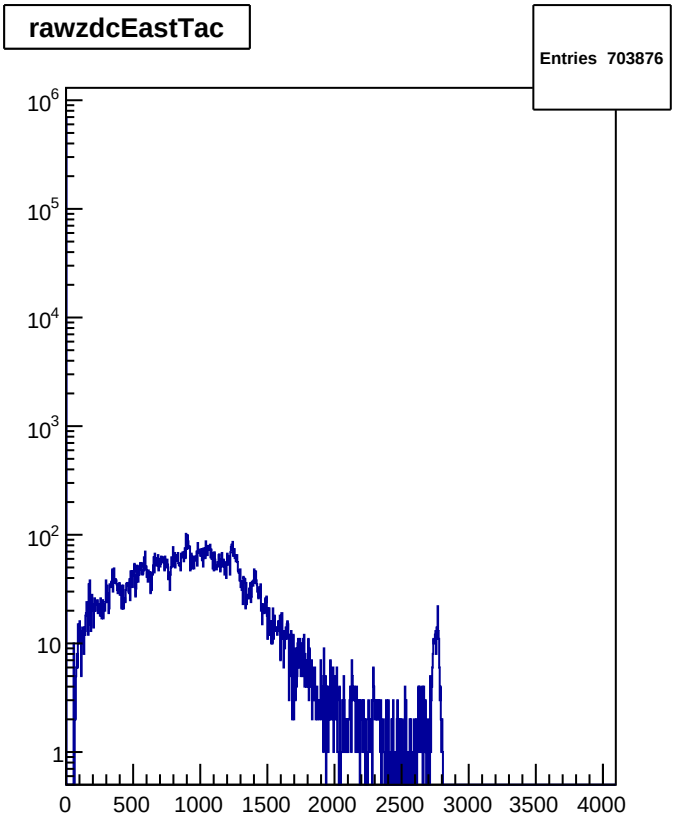

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.126202e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

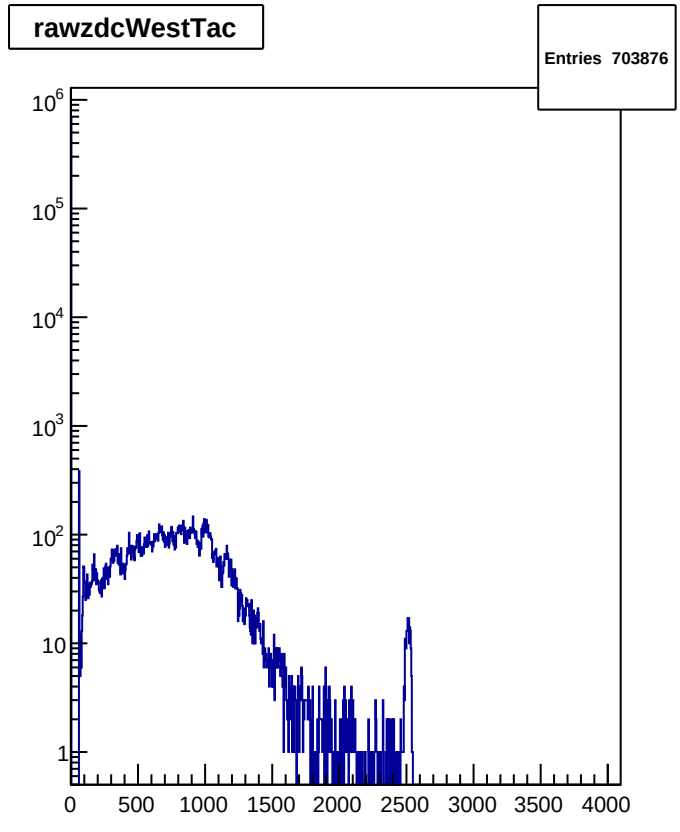

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.126202e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

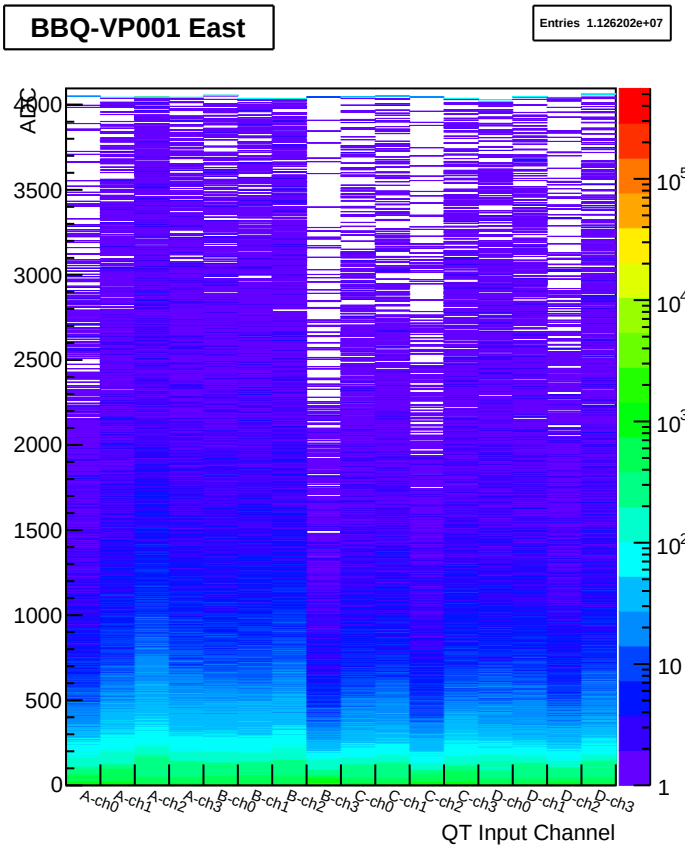

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.126202e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

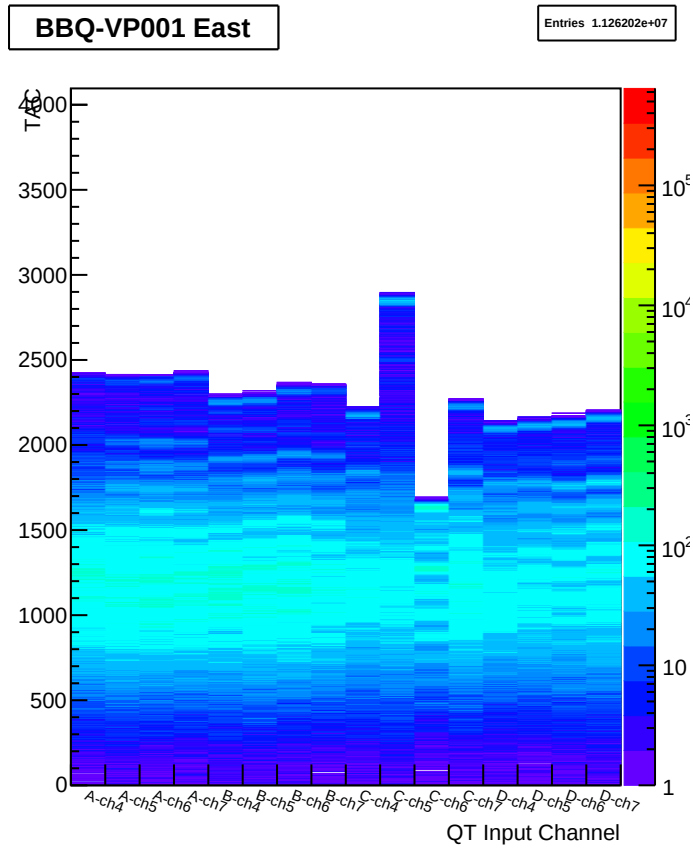

BBQ-ZD001 (ZDC TOWER)
Entries 1.126202e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

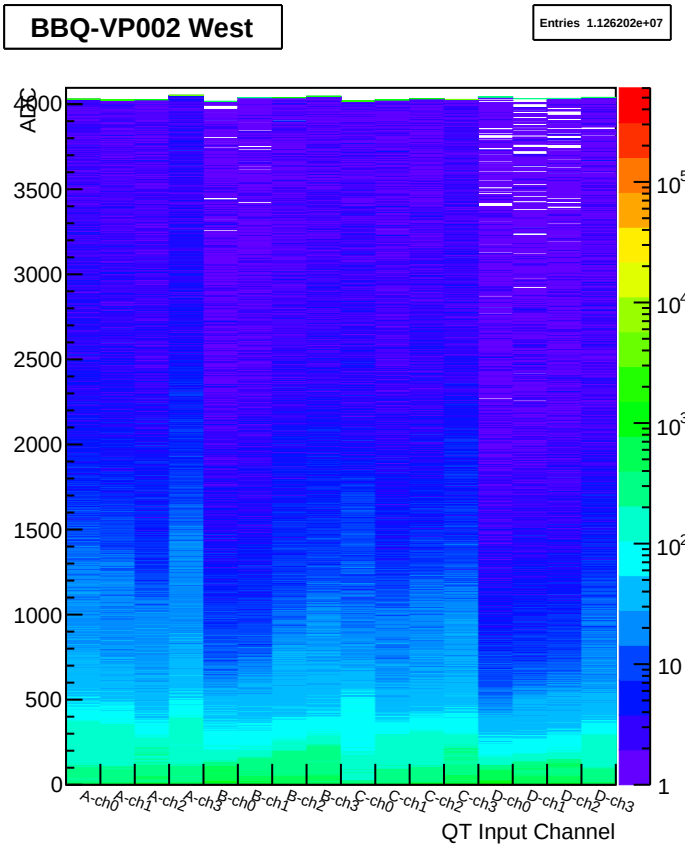

BBQ-ZD001 (ZDC TOWER)
Entries 1.126202e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

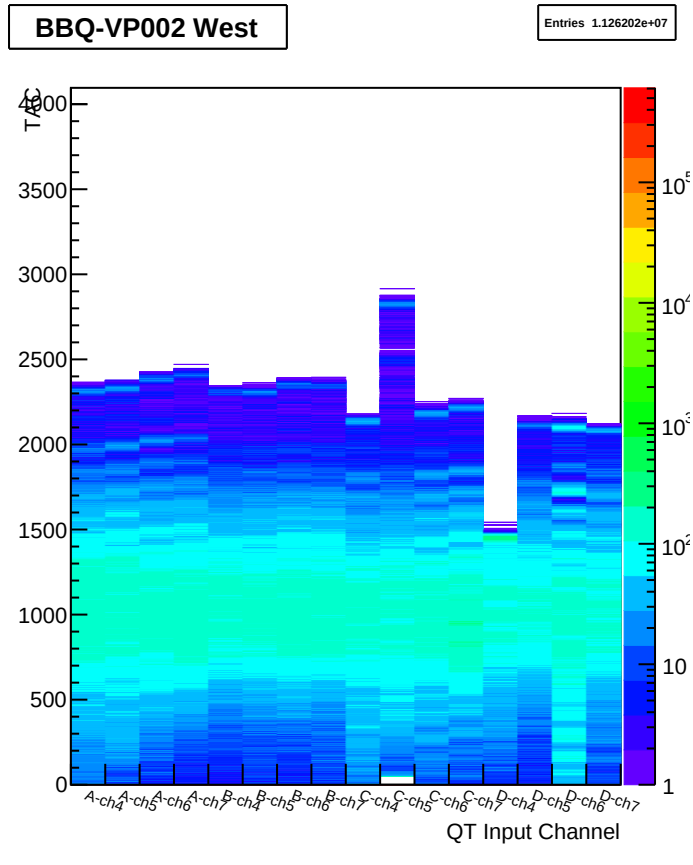

rawzdcEastTac
Entries 703876

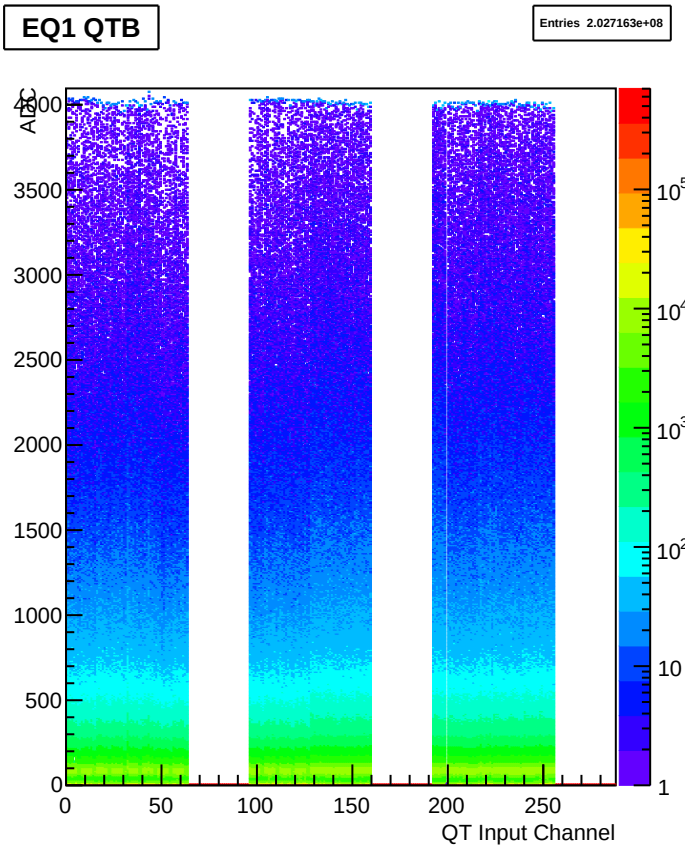

rawzdcWestTac
Entries 703876

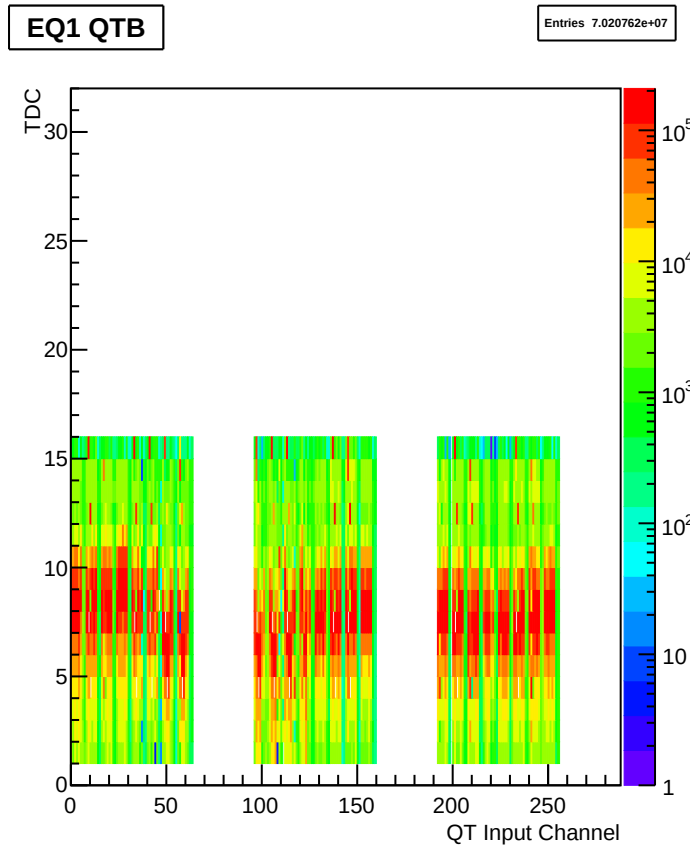

BBQ-VP001 East
Entries 1.126202e+07
ADC
QT Input Channel

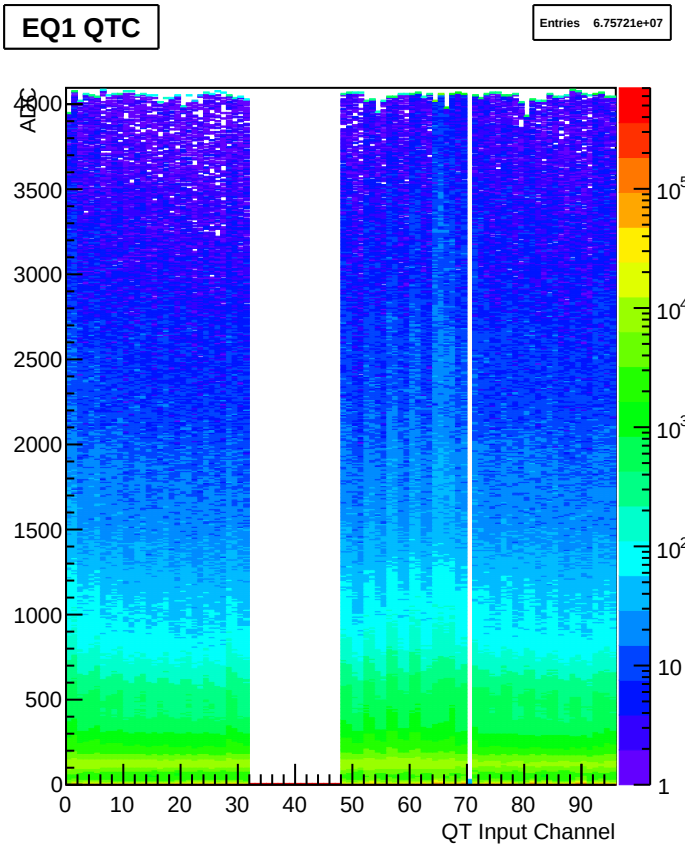

BBQ-VP001 East
Entries 1.126202e+07
TADC
QT Input Channel

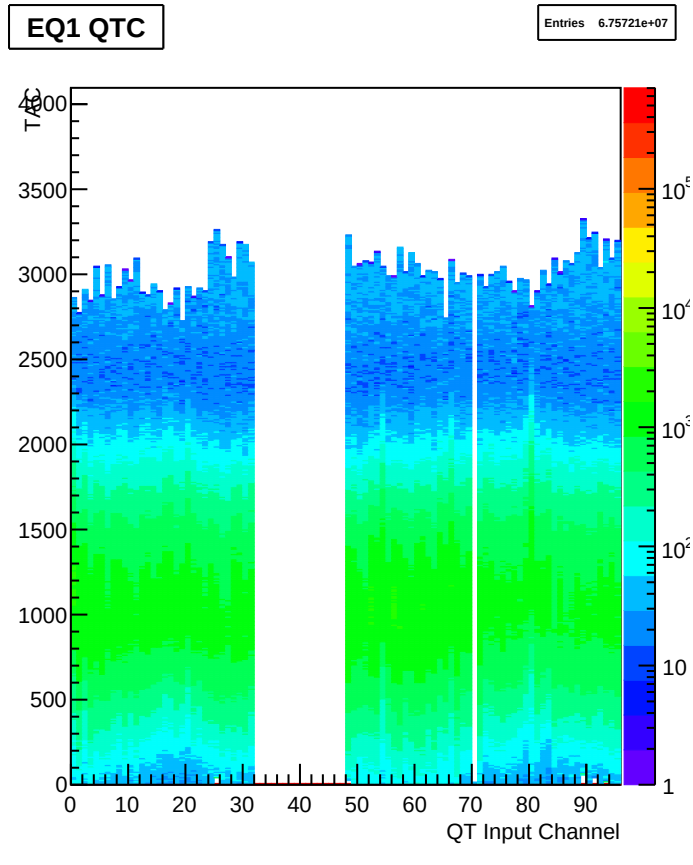

BBQ-VP002 West
Entries 1.126202e+07
ADC
QT Input Channel

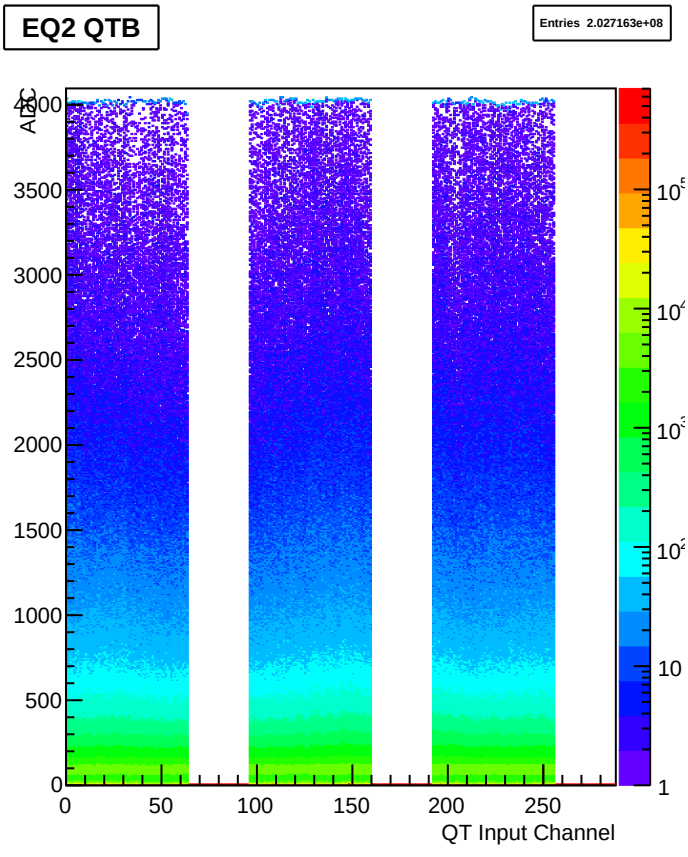

BBQ-VP002 West
Entries 1.126202e+07
TADC
QT Input Channel

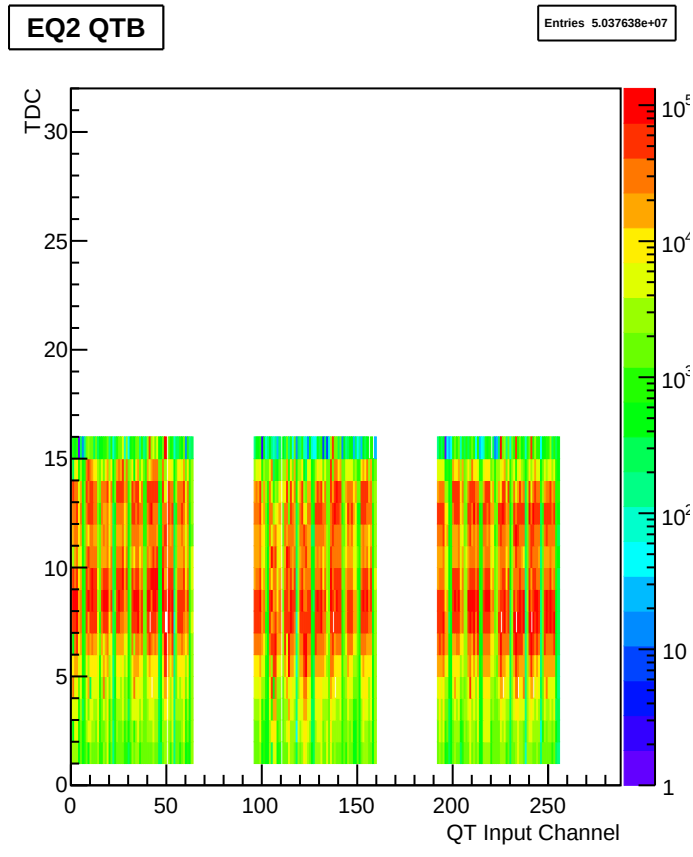

EQ1 QTB
Entries 2.027163e+08
ADC
QT Input Channel

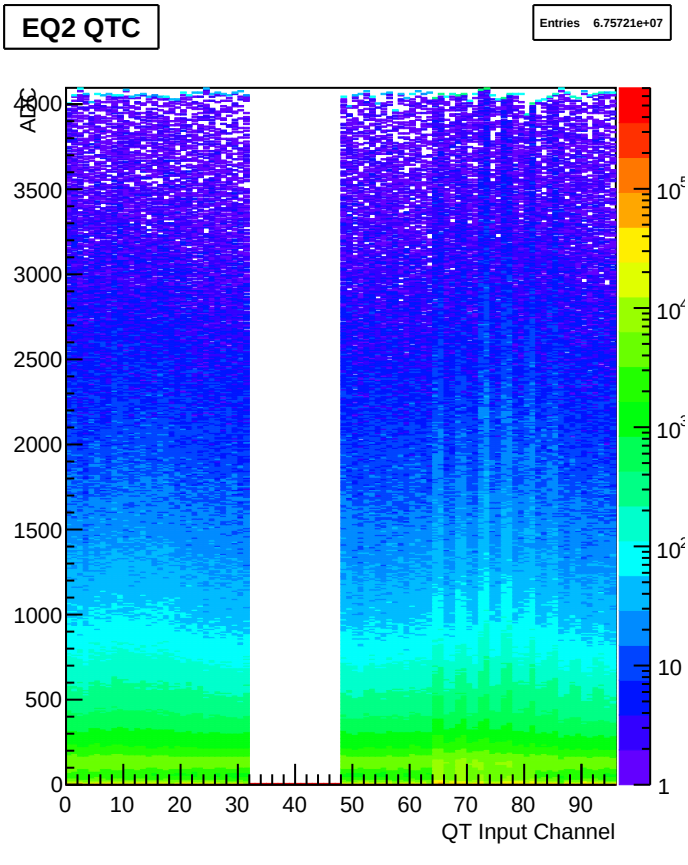

EQ1 QTB
Entries 7.020762e+07
TDC
QT Input Channel

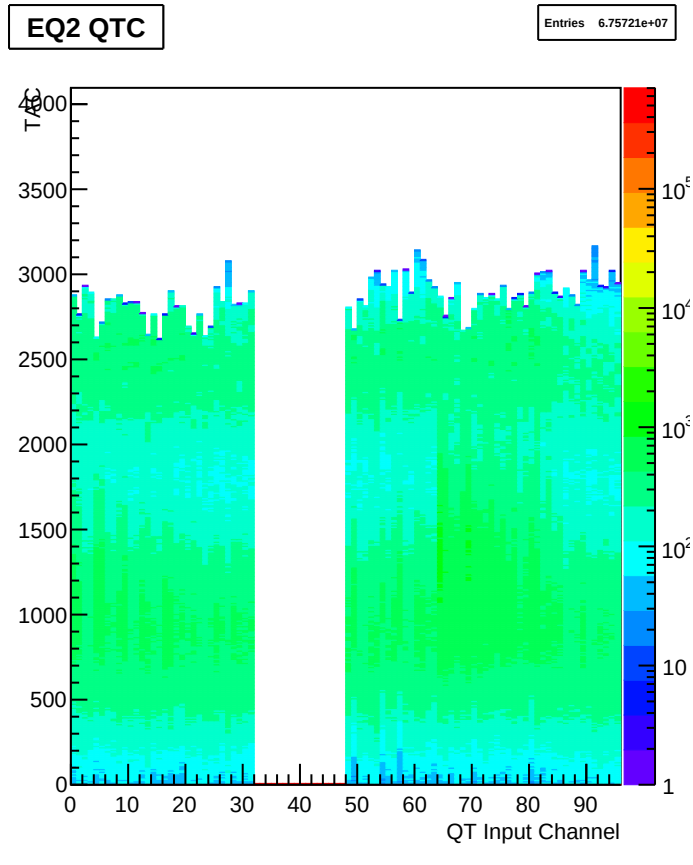

EQ1 QTC
Entries 6.75721e+07
ADC
QT Input Channel

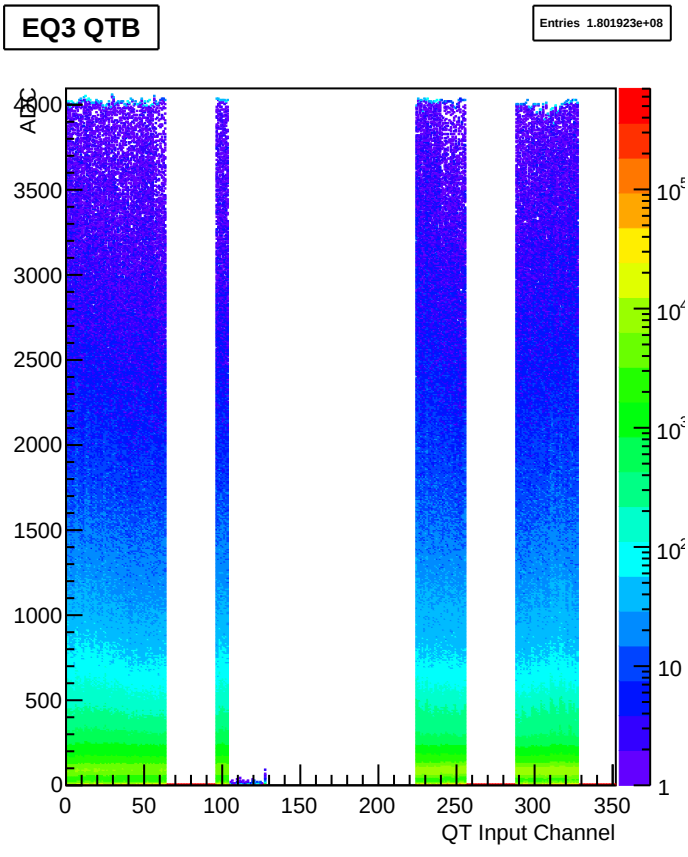

EQ1 QTC
Entries 6.75721e+07
TADC
QT Input Channel

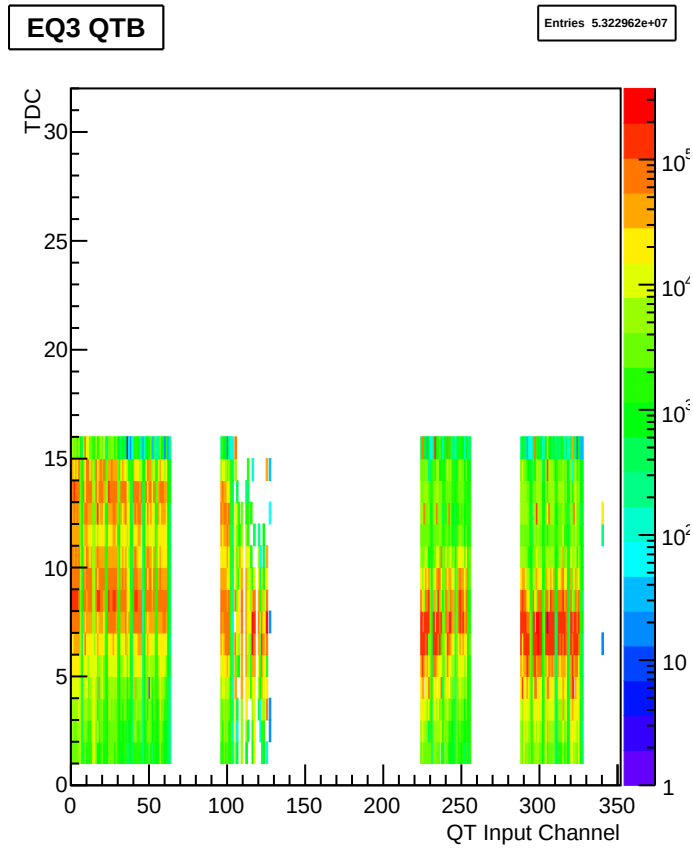

EQ2 QTB
Entries 2.027163e+08
ADC
QT Input Channel

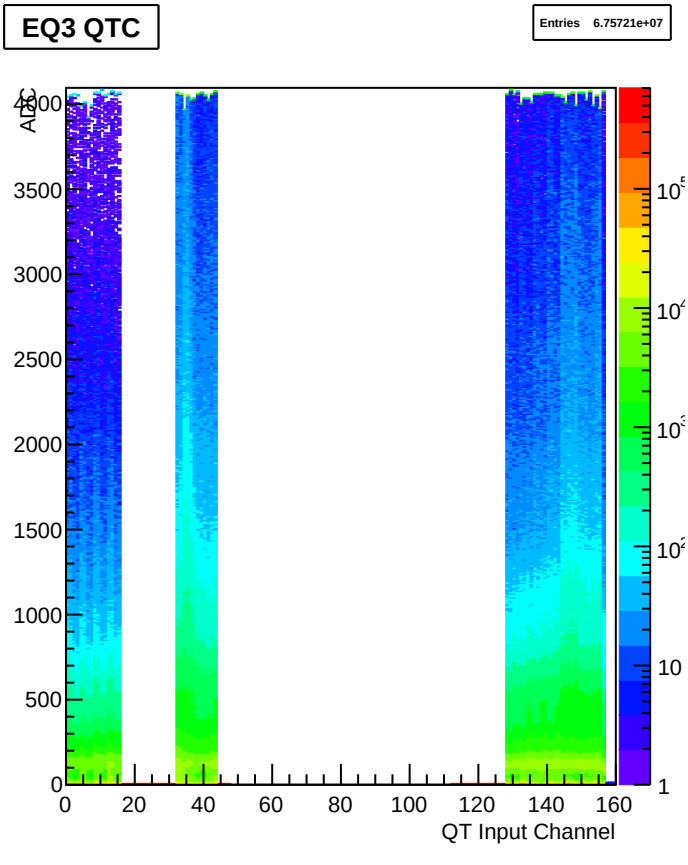

EQ2 QTB
Entries 5.037638e+07
TDC
QT Input Channel


EQ2 QTC
Entries 6.75721e+07
ADC
QT Input Channel


EQ2 QTC
Entries 6.75721e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.801923e+08
ADC
QT Input Channel


EQ3 QTB
Entries 5.322962e+07
TDC
QT Input Channel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Entries 6.75721e+07
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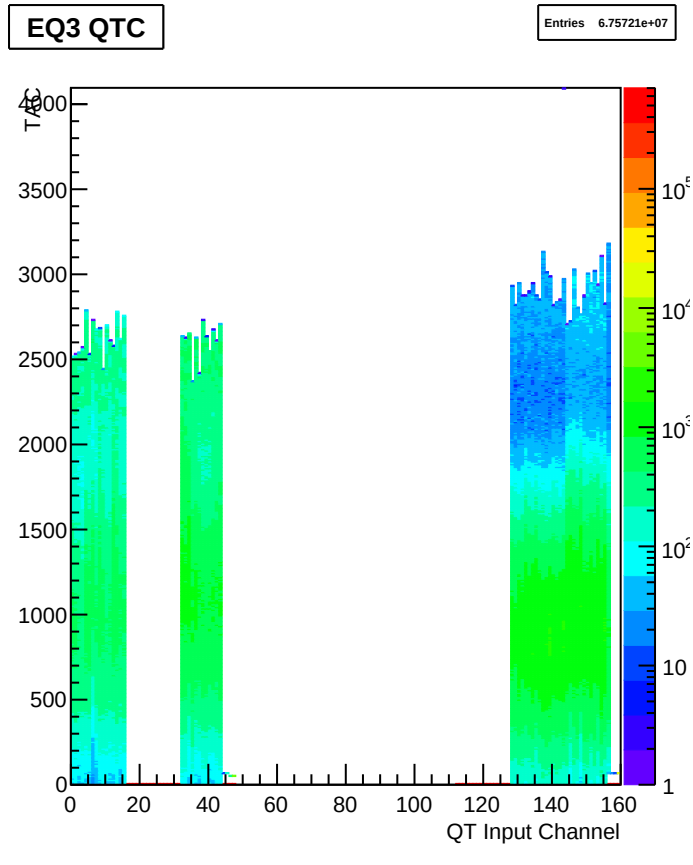
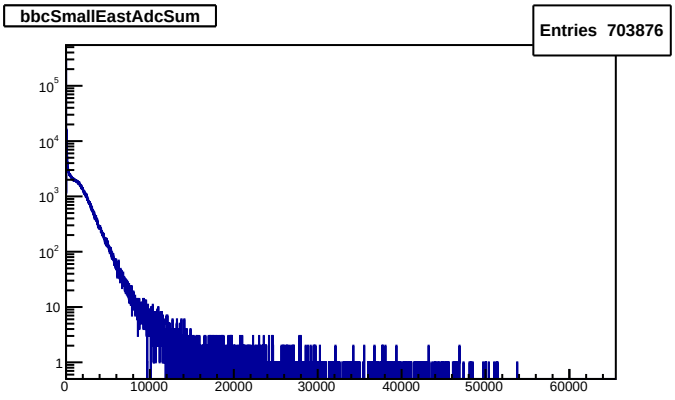
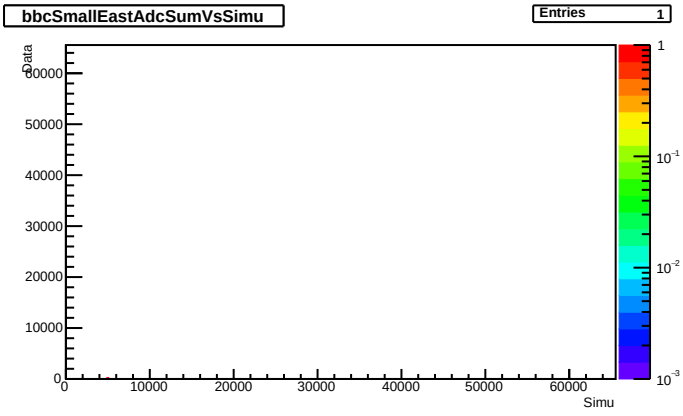
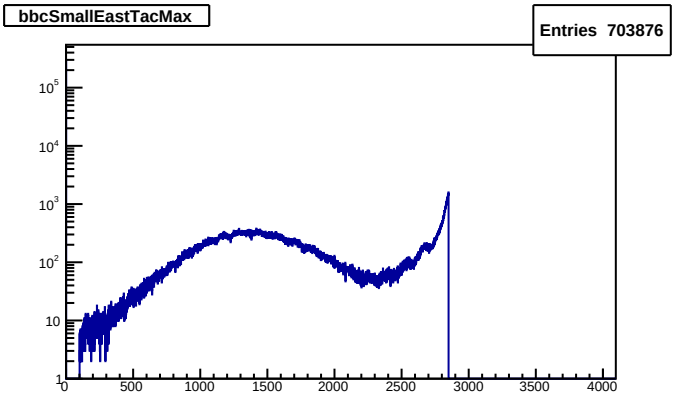
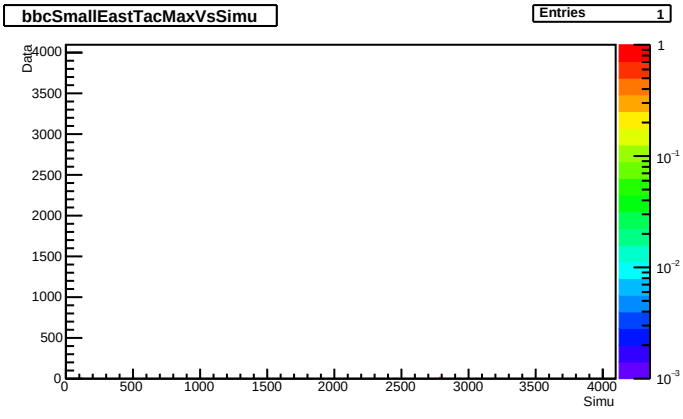
QT Input Channel


EQ3 QTC
Entries 6.75721e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 703876


bbcSmallEastAdcSumVsSimu
Entries 1
Data
Simu


bbcSmallEastTacMax
Entries 703876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Entries 1
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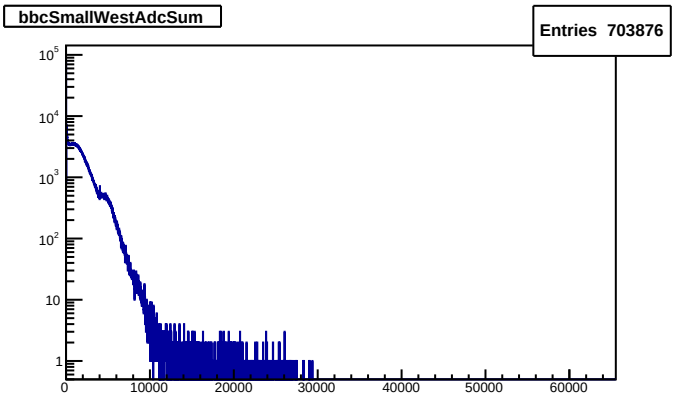
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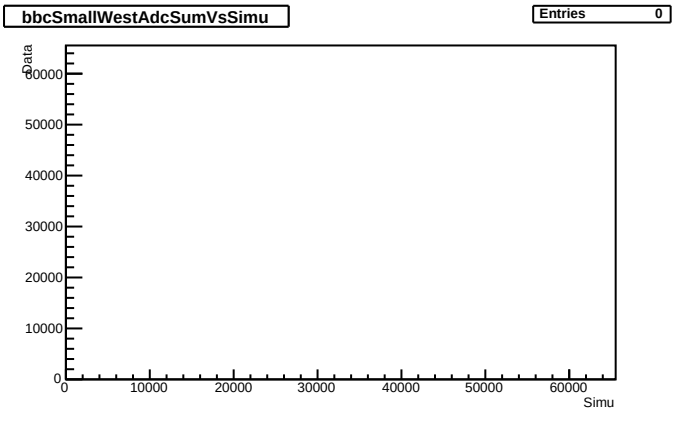
Entries 703876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Entries 0
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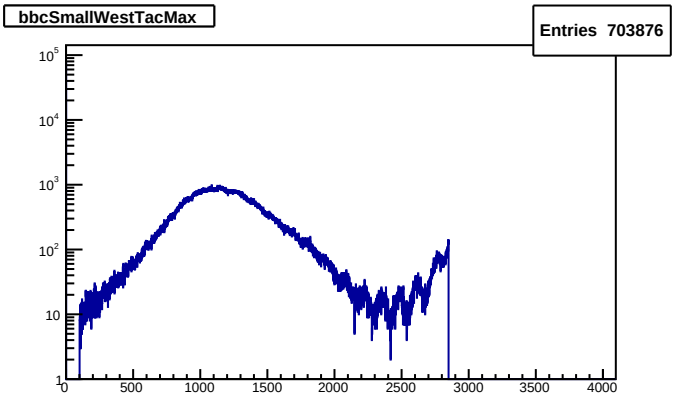
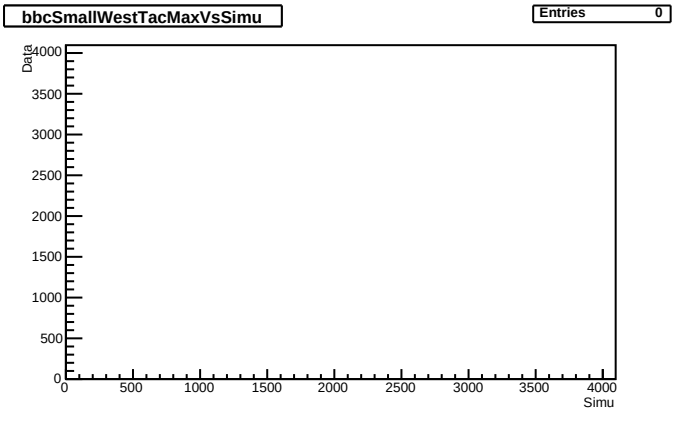
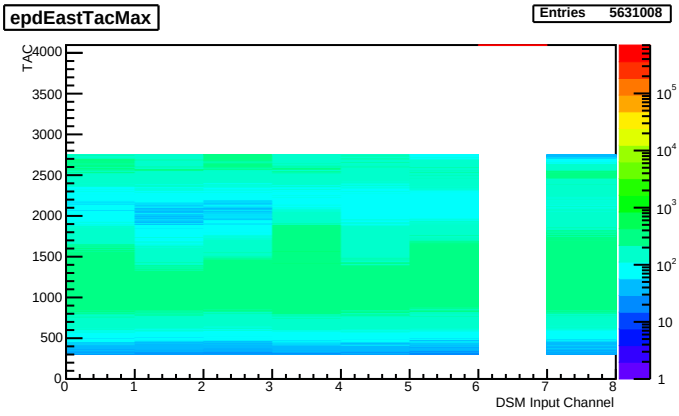
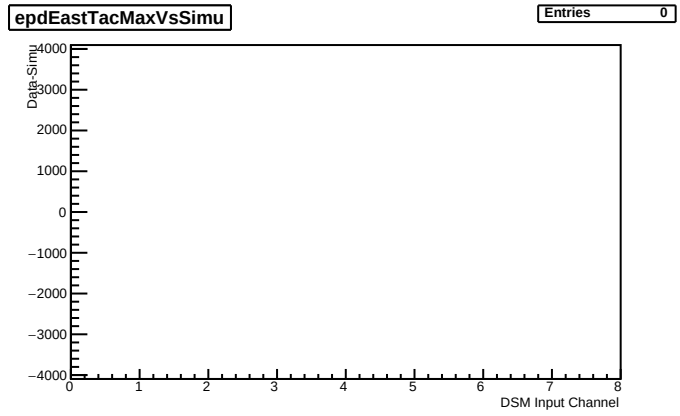
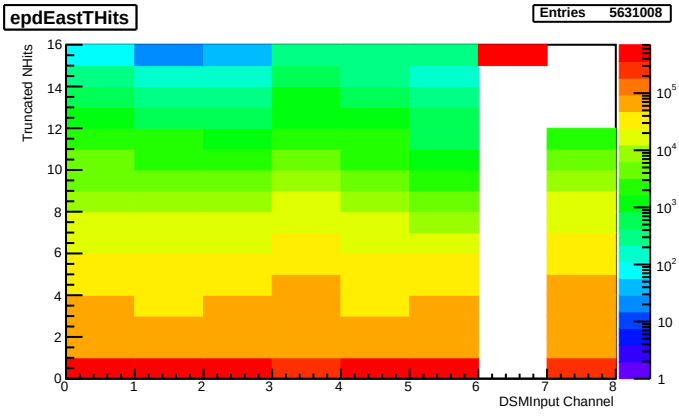
Simu


bbcSmallWestTacMax
Entries 703876


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5631008
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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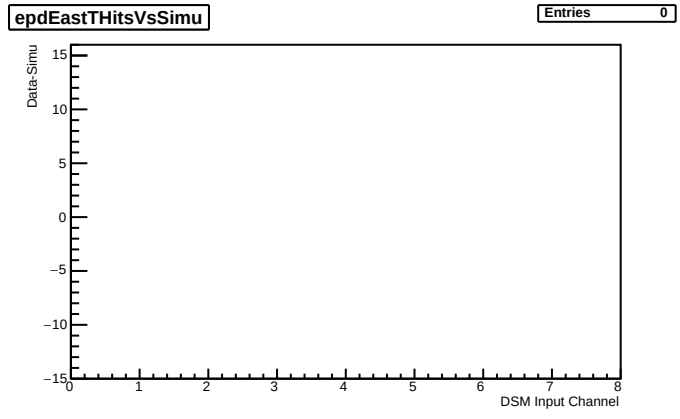
Entries 5631008
Truncated NHits
DSMInput Channel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Entries 0
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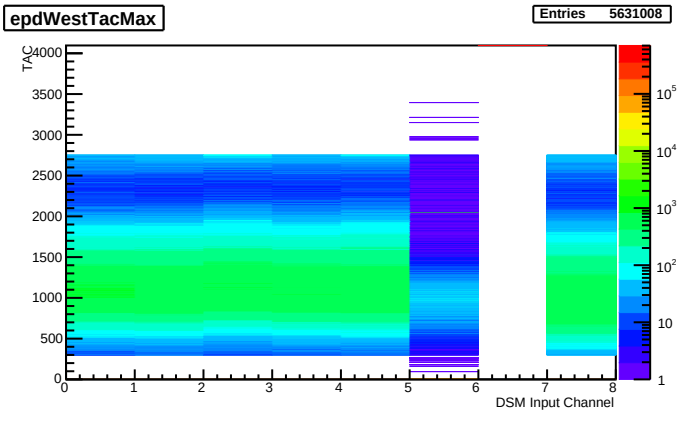
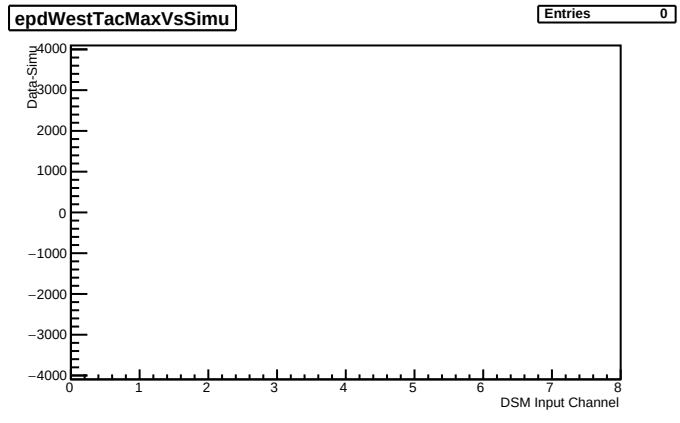
DSM Input Channel


epdWestTacMax
Entries 5631008
TAC
DSM Input Channel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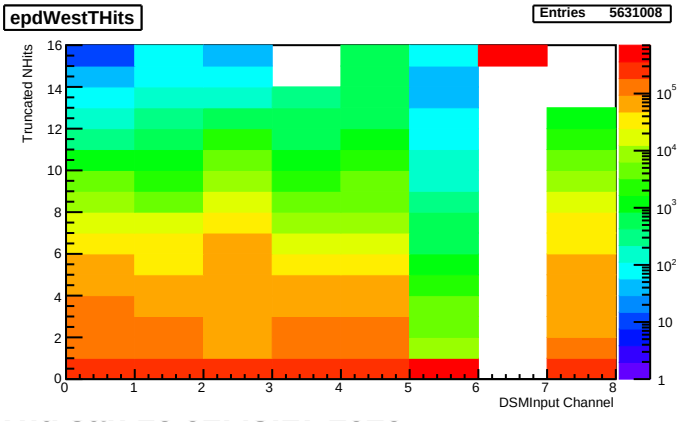
DSM Input Channel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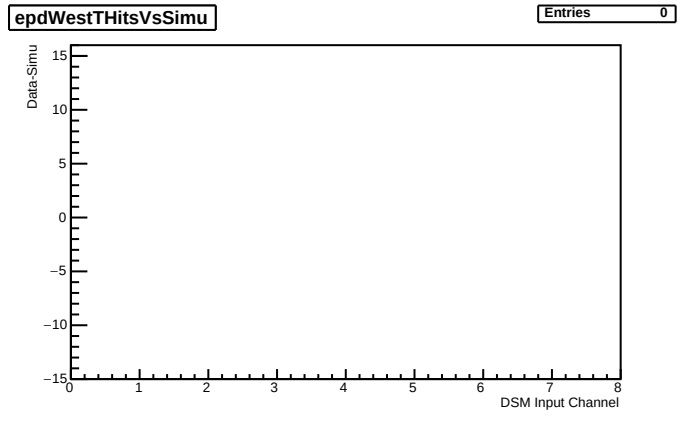
Entries 5631008
Truncated NHits
DSMInput Channel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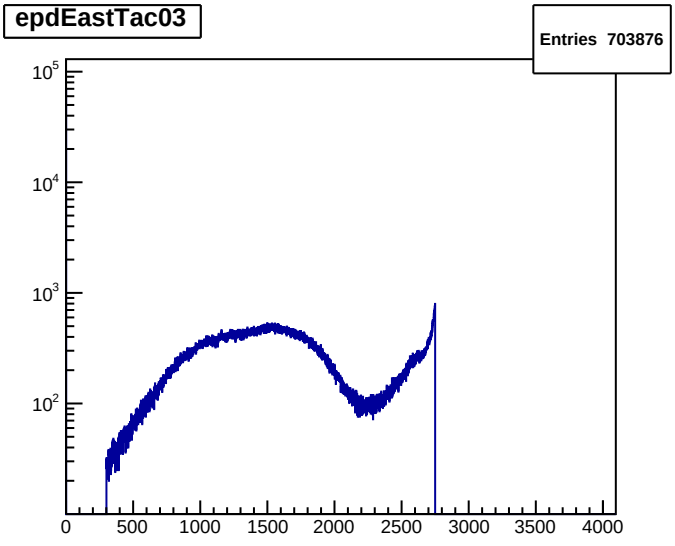
DSM Input Channel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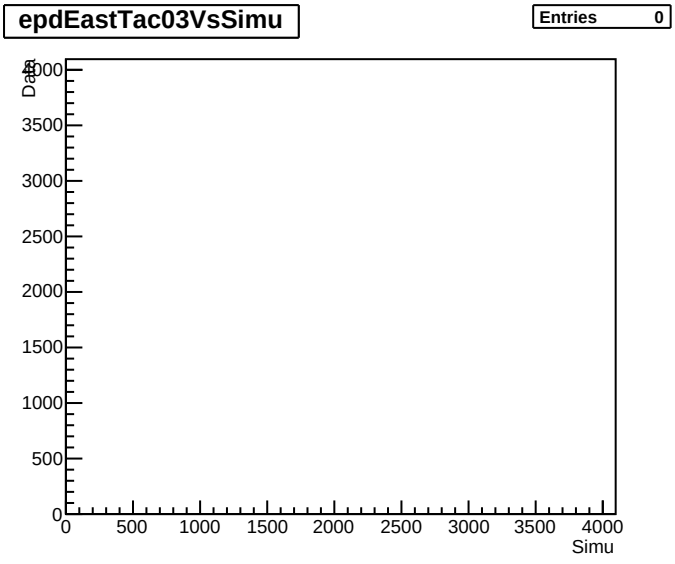
Entries 703876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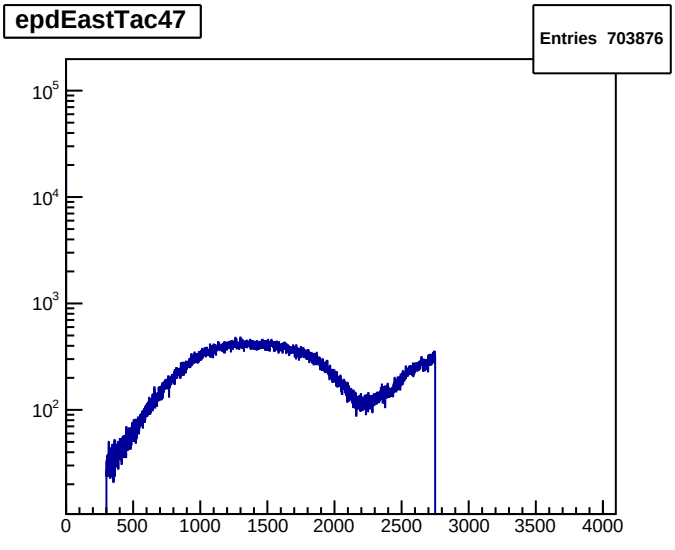
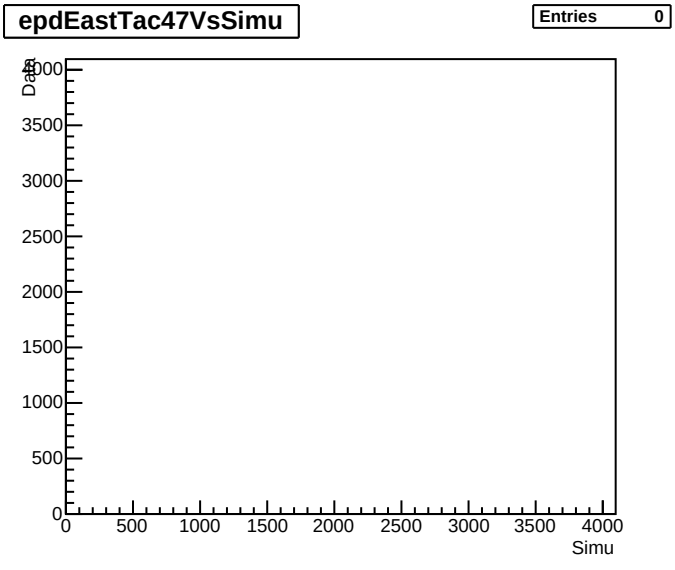
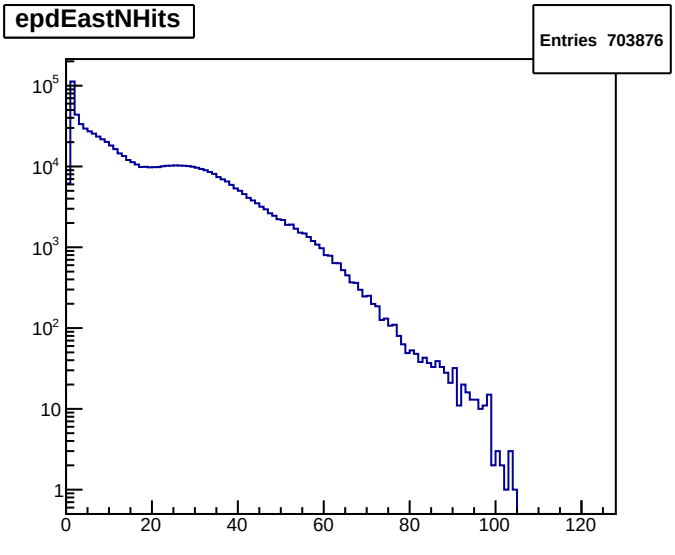
Entries 0
Data
Simu


epdEastTac47
Entries 703876


epdEastTac47VsSimu
Entries 0
Data
Simu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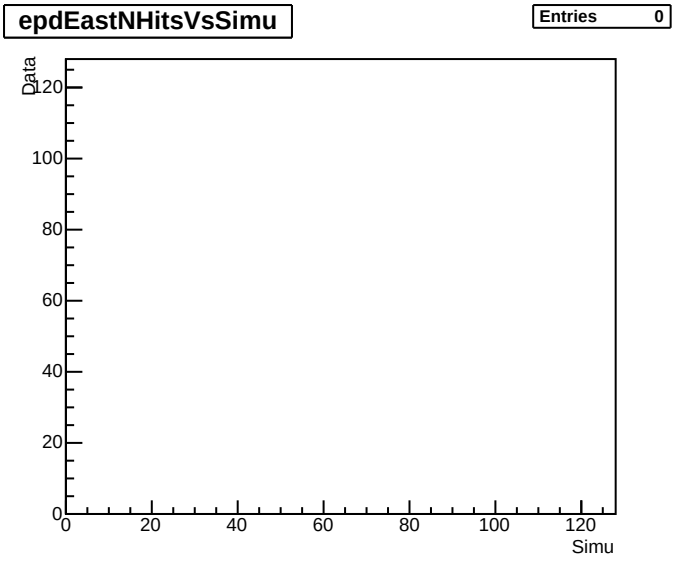
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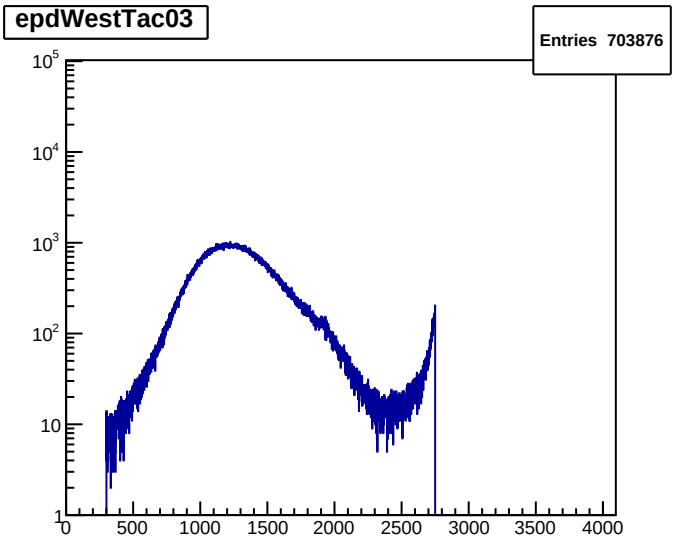
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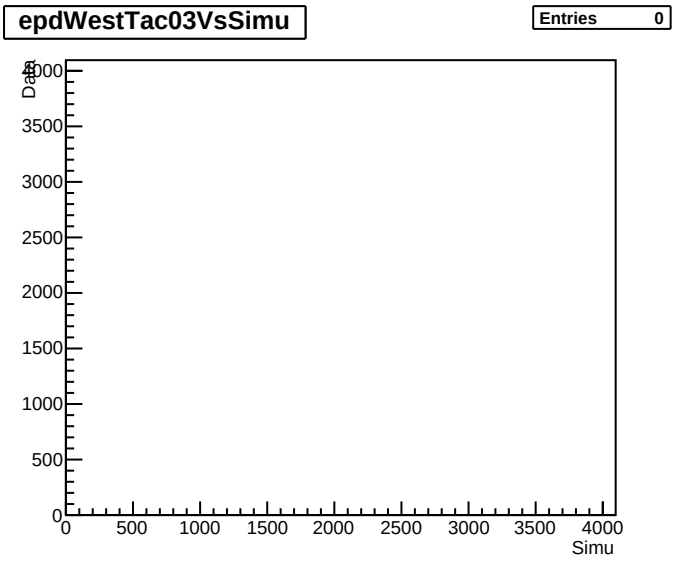
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Entries 0
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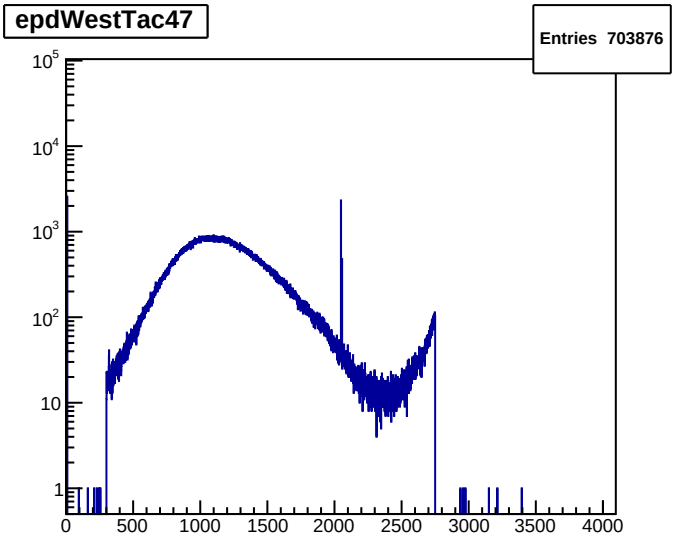
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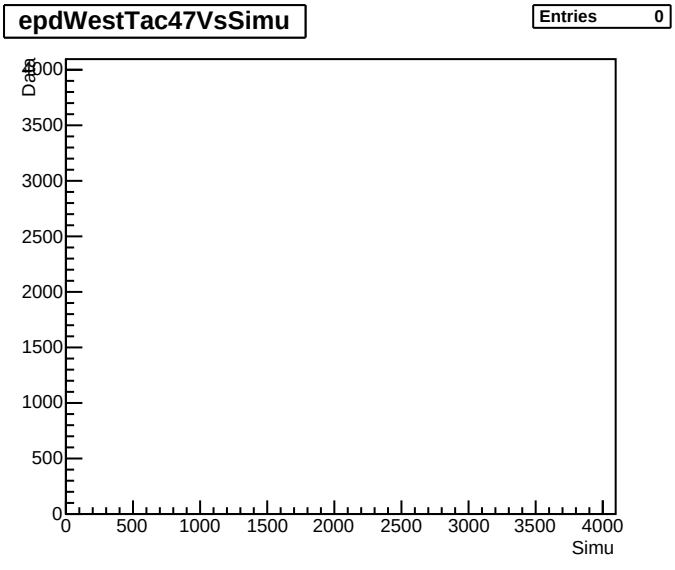
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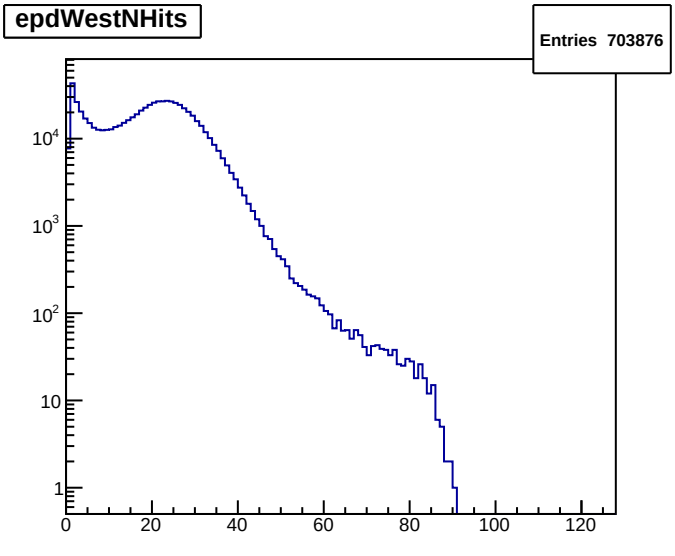
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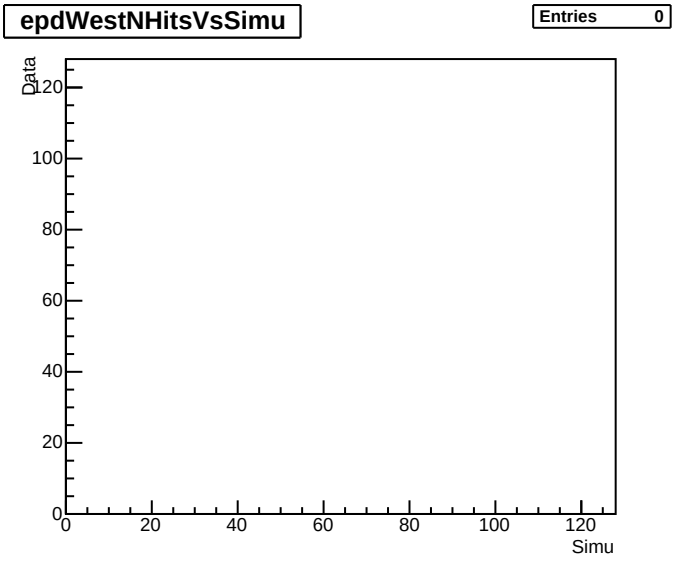
Entries 703876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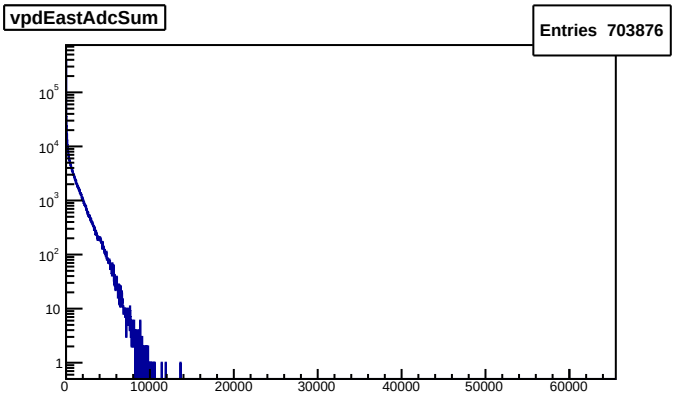
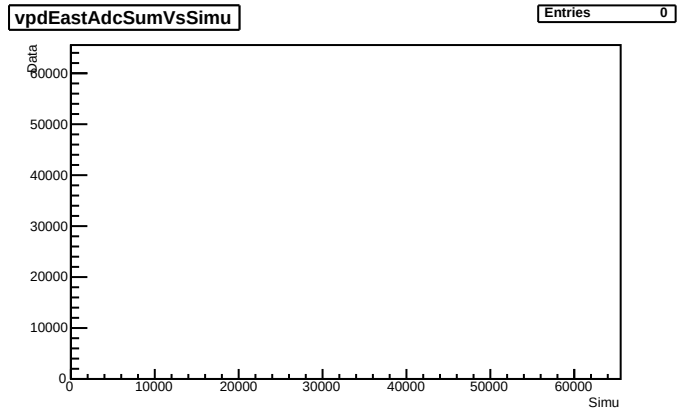
Entries 0
Data
Simu


vpdEastAdcSum
Entries 703876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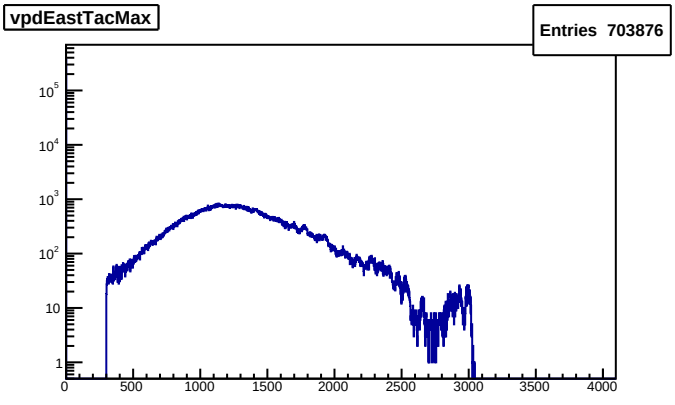
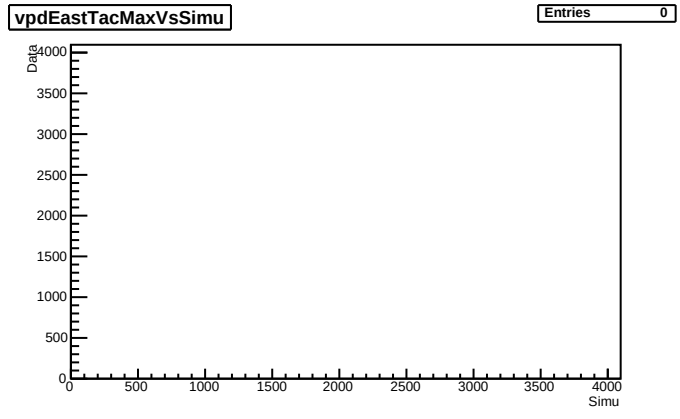
Entries 0
Data
Simu


vpdEastTacMax
Entries 703876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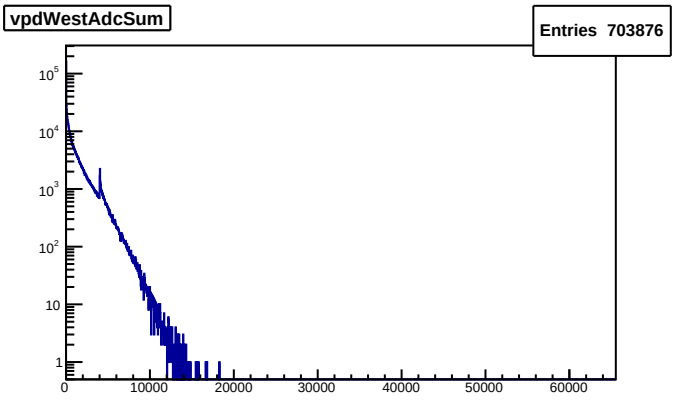
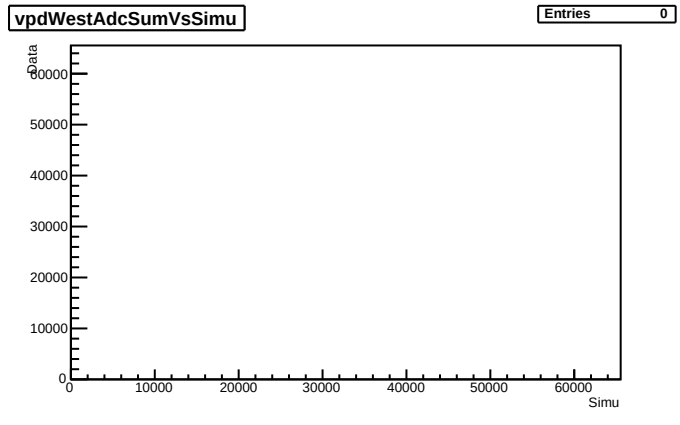
Entries 0
Data
Simu


vpdWestAdcSum
Entries 703876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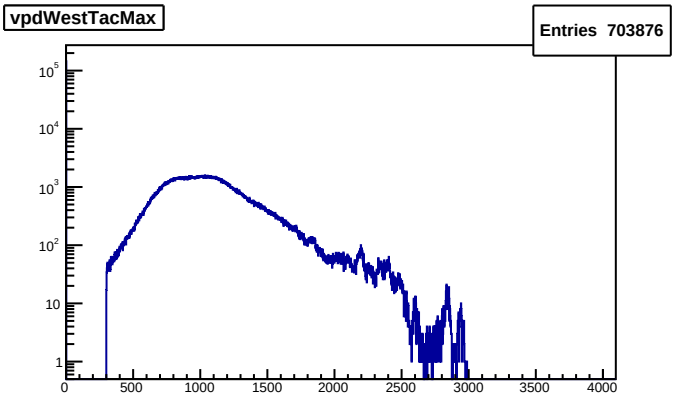
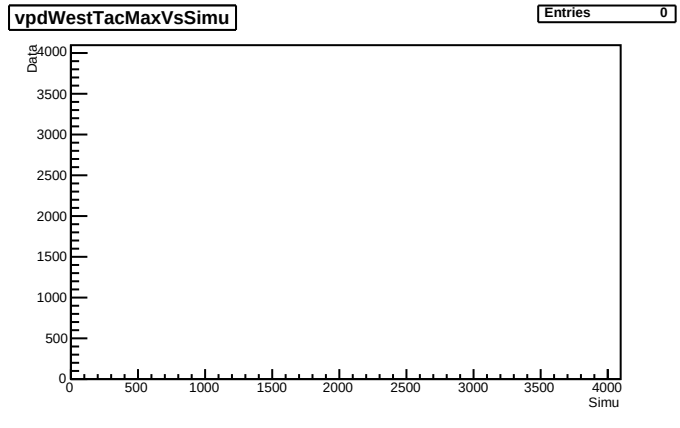
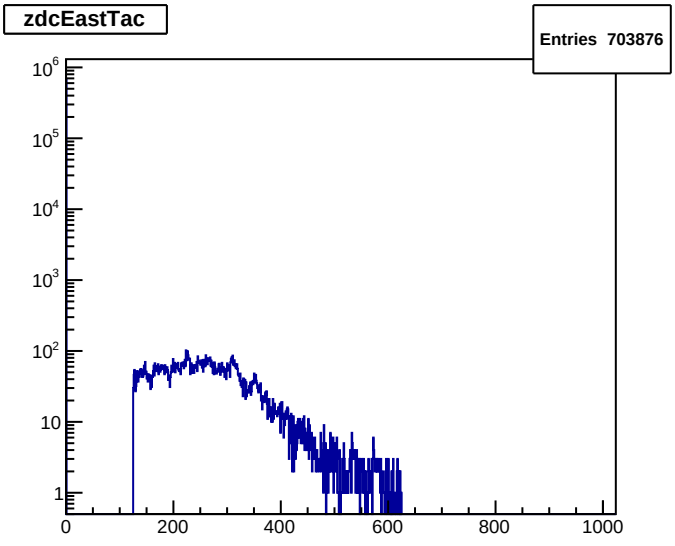
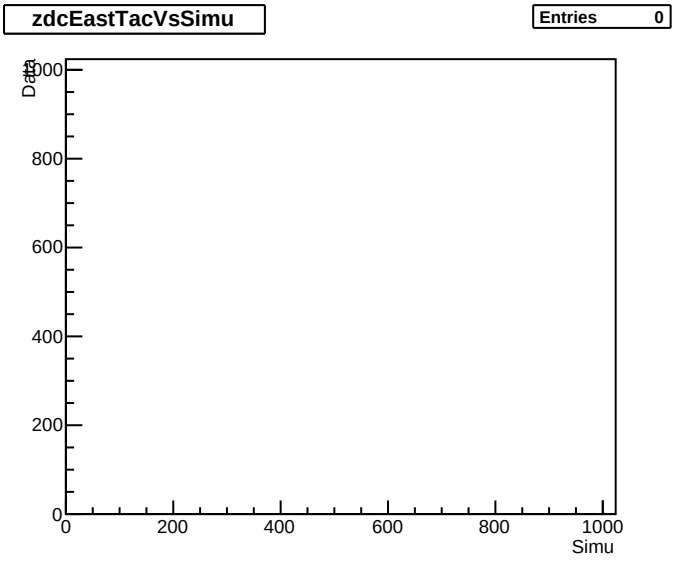
Entries 0
Data
Simu


vpdWestTacMax
Entries 703876


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 703876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Entries 0
Data
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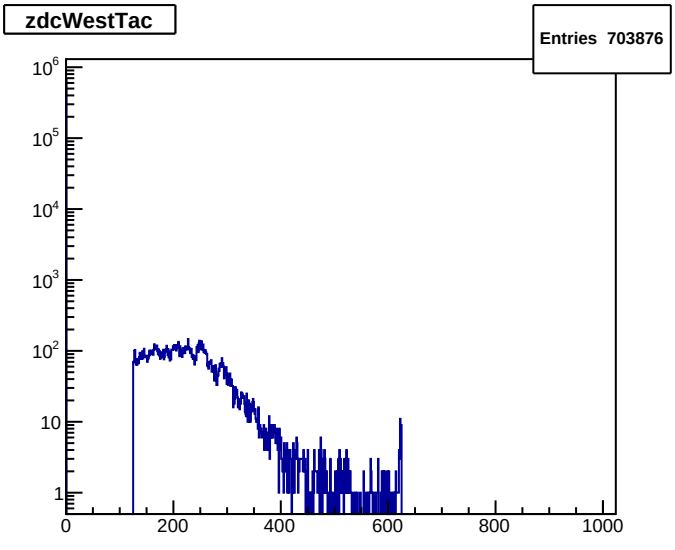
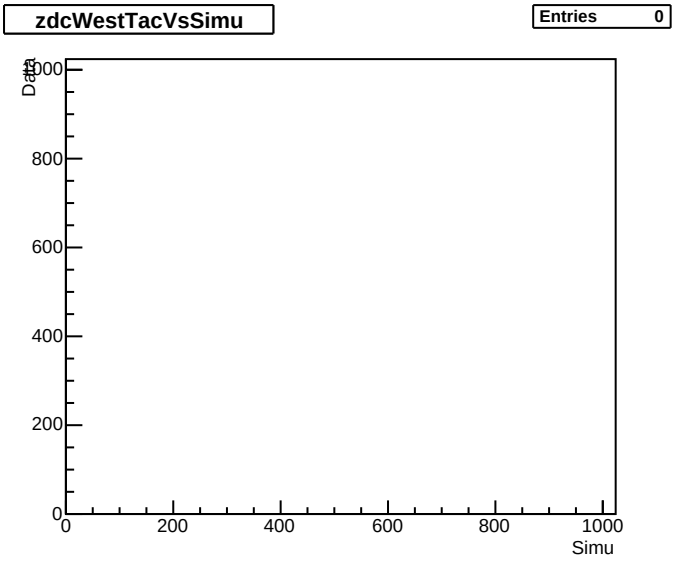
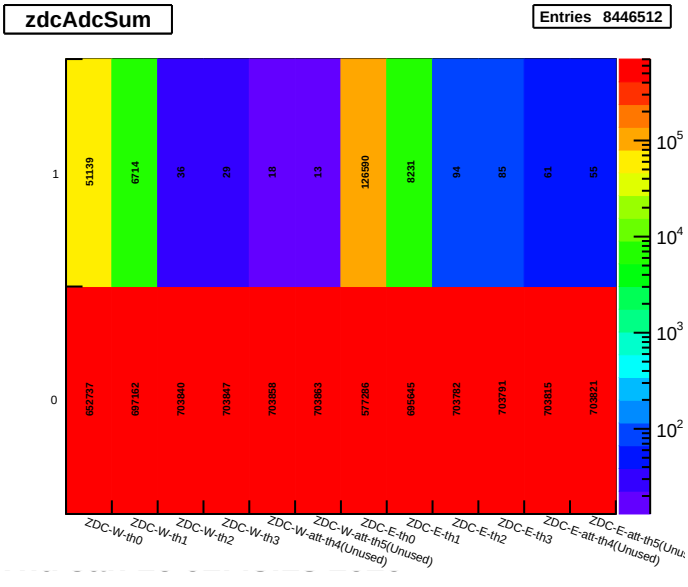
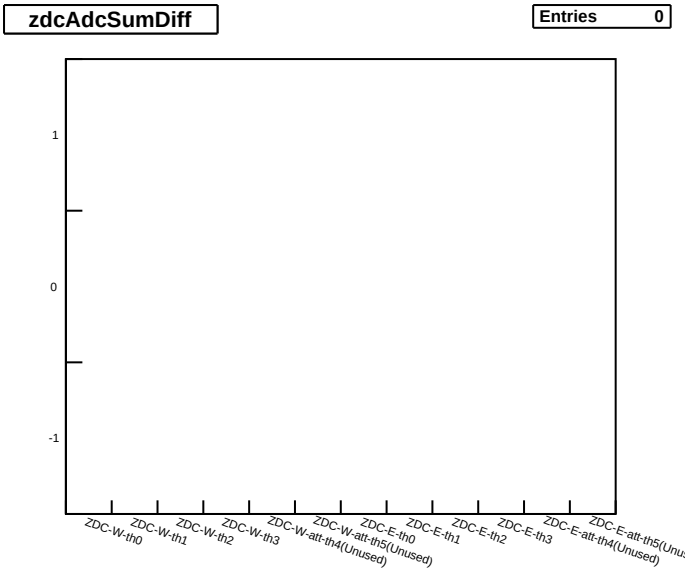

zdcWestTac
Entries 703876


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 8446512
51139
6714
36
29
18
13
126590
8231
94
85
61
55
652737
697162
703840
703847
703858
703863
577286
695645
703782
703791
703815
703821
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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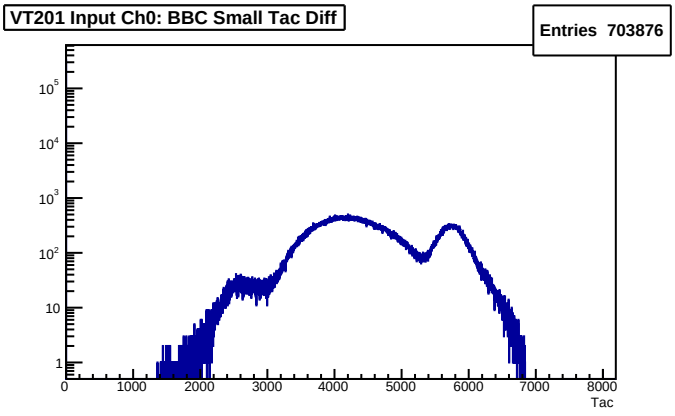
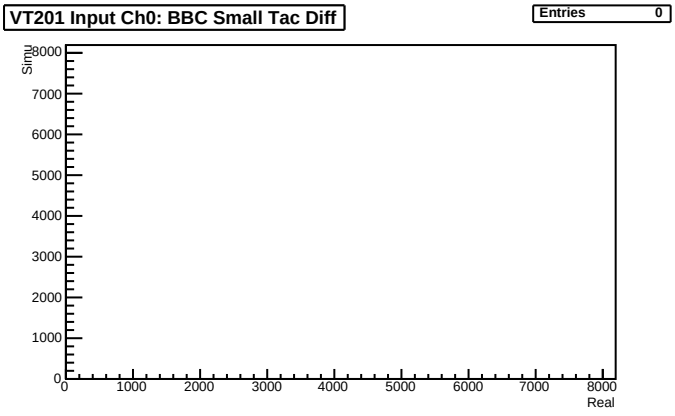
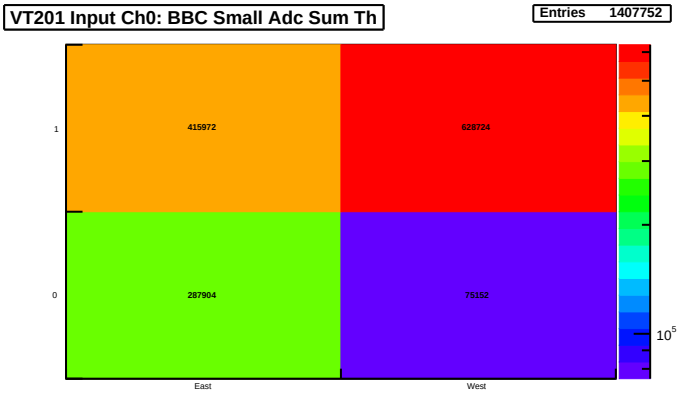
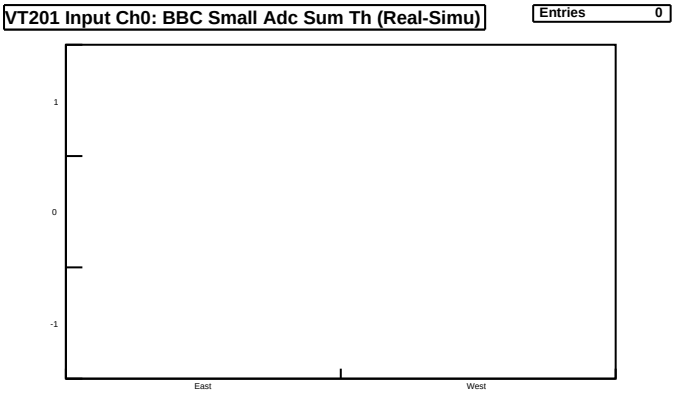
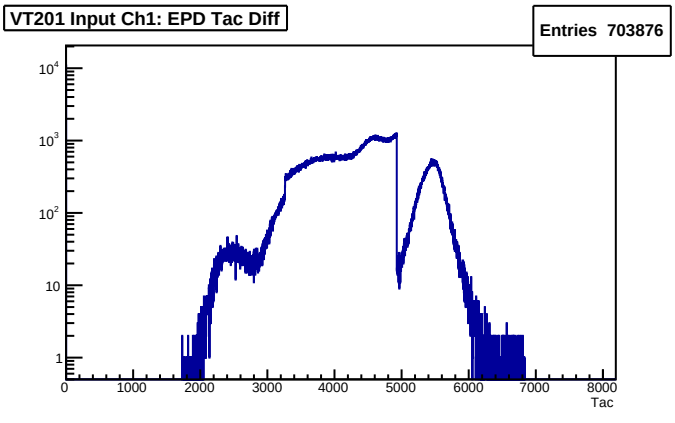
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

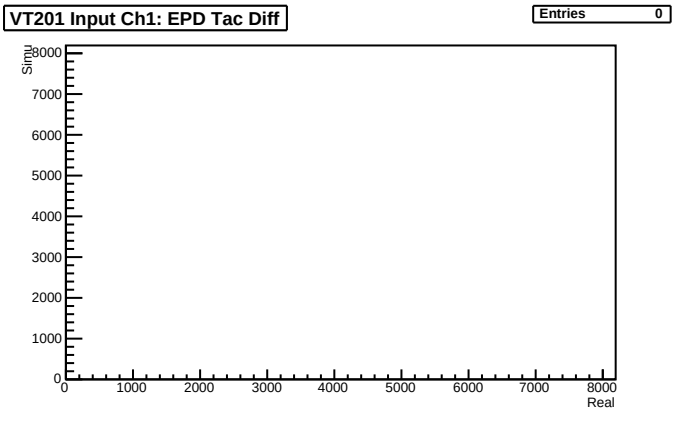

VT201 Input Ch0: BBC Small Tac Diff
Entries 703876
Tac

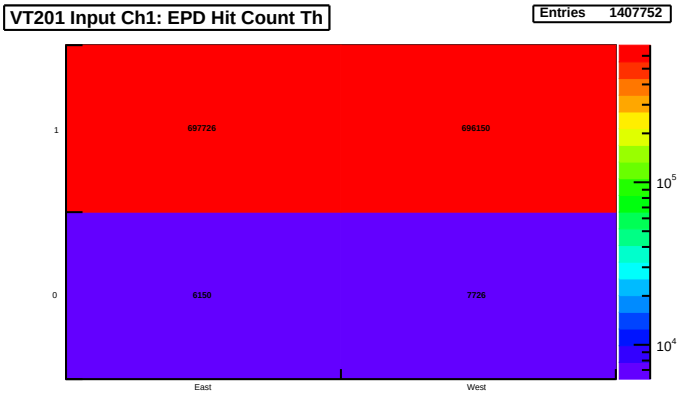

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

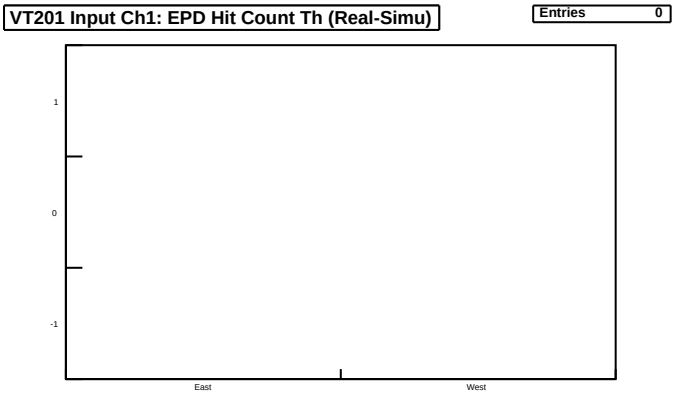

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1407752
415972
628724
287904
75152
East
West

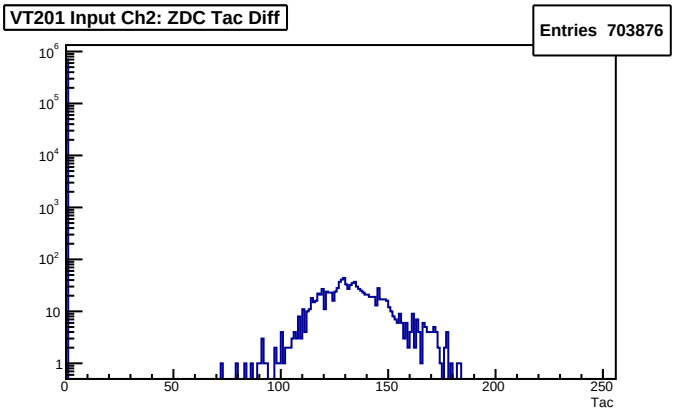

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

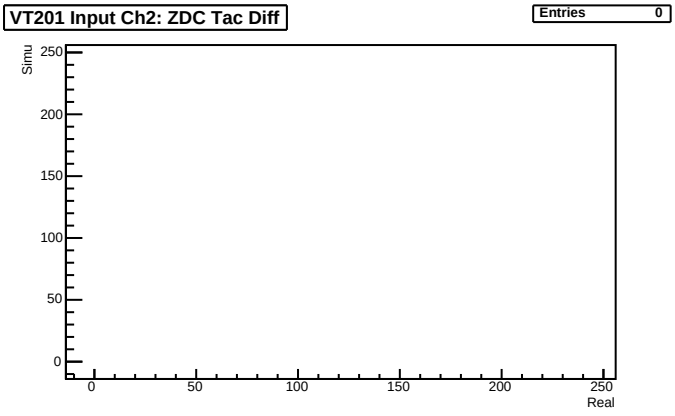

VT201 Input Ch1: EPD Tac Diff
Entries 703876
Tac

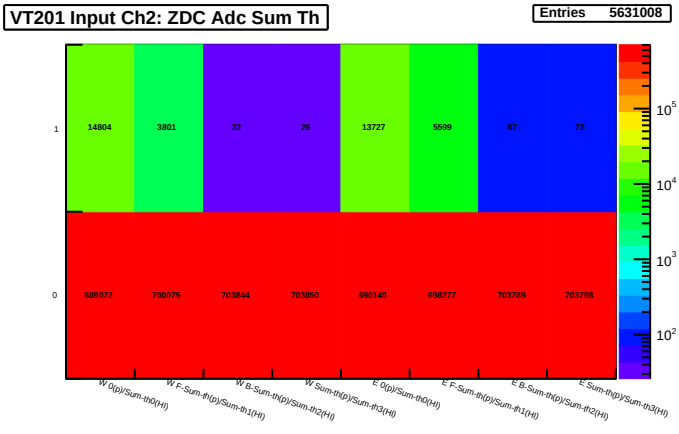

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

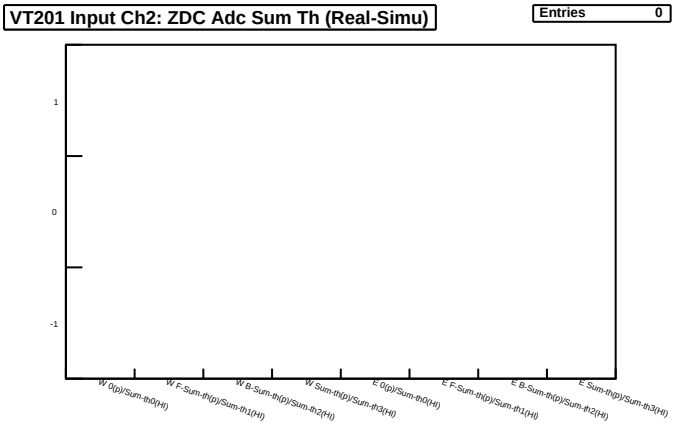

VT201 Input Ch1: EPD Hit Count Th
Entries 1407752
697726
696150
6150
7726
East
West

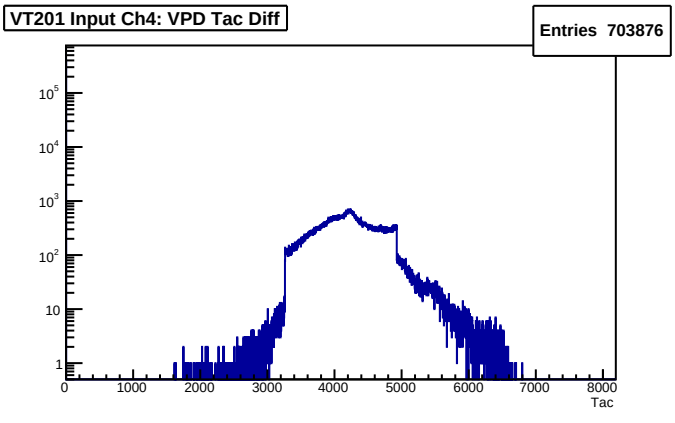

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

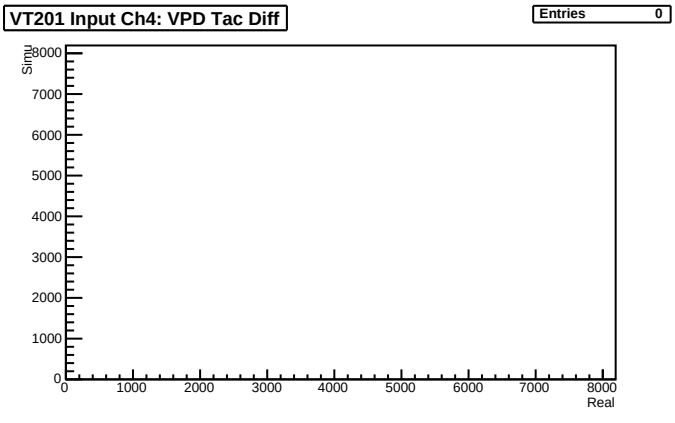

VT201 Input Ch2: ZDC Tac Diff
Entries 703876
Tac

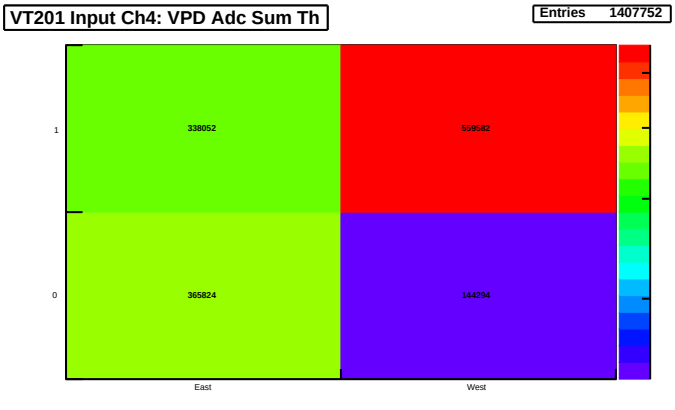

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

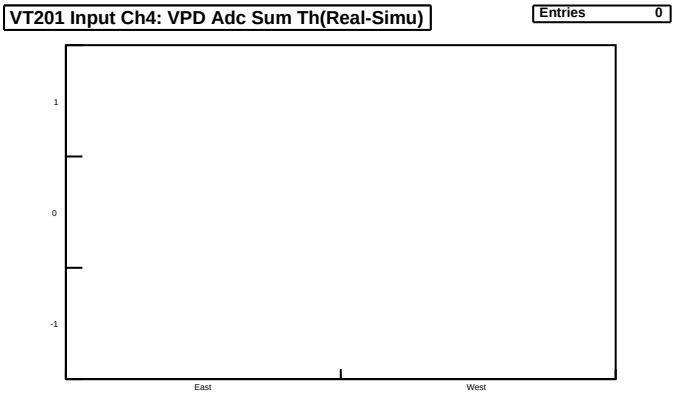

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5631008
14804
3801
32
26
13727
5599
87
78
689072
700075
703844
703850
690149
698277
703789
703798
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

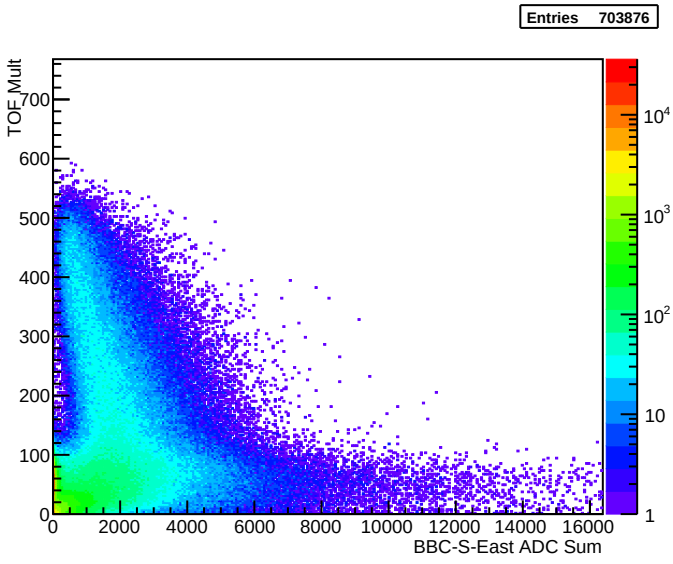

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

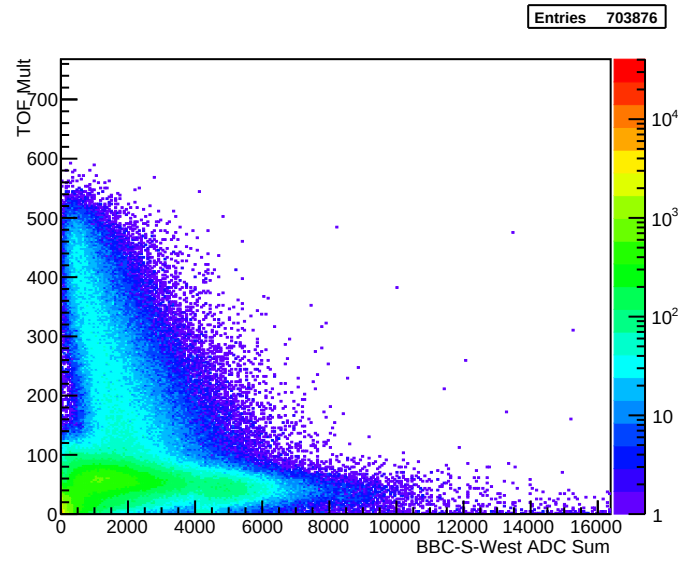

VT201 Input Ch4: VPD Tac Diff
Entries 703876
Tac

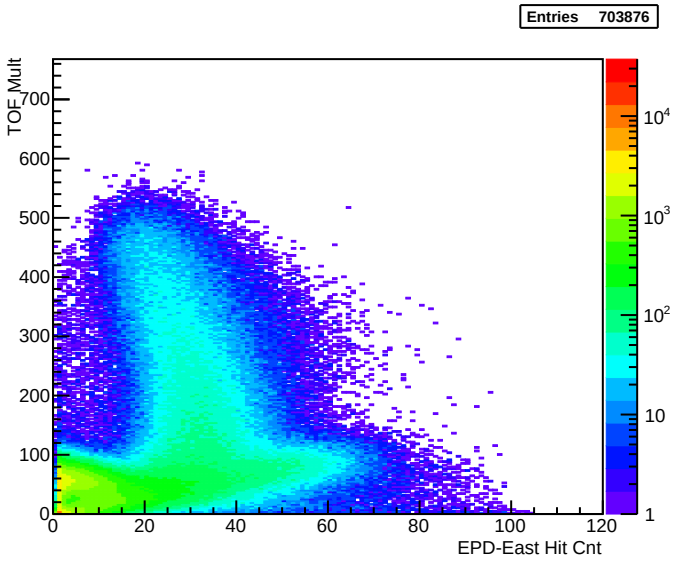

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

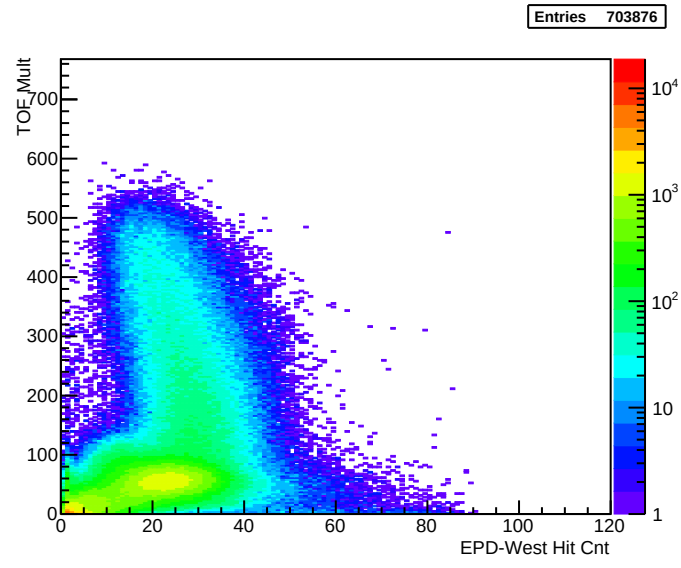

VT201 Input Ch4: VPD Adc Sum Th
Entries 1407752
338052
559582
365824
144294
East
West

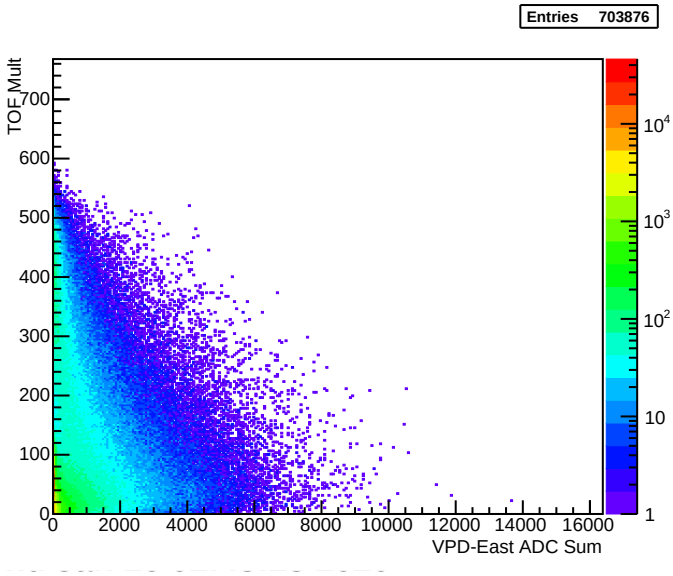

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

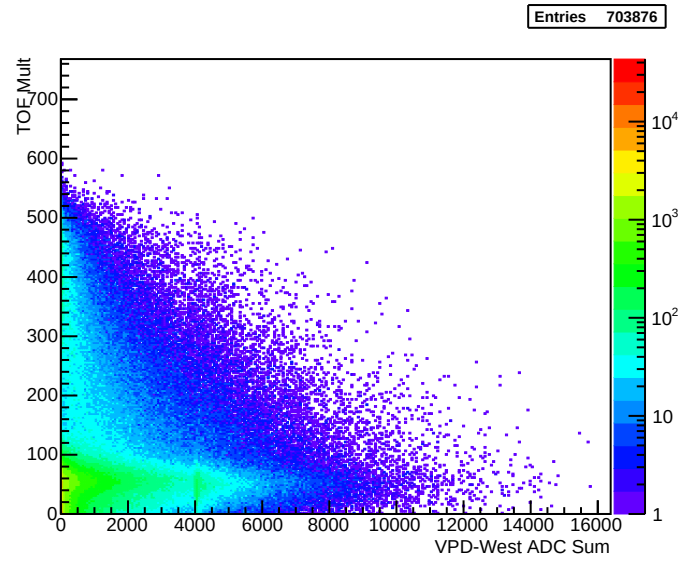

Entries 703876
TOF_Mult
BBC-S-East ADC Sum

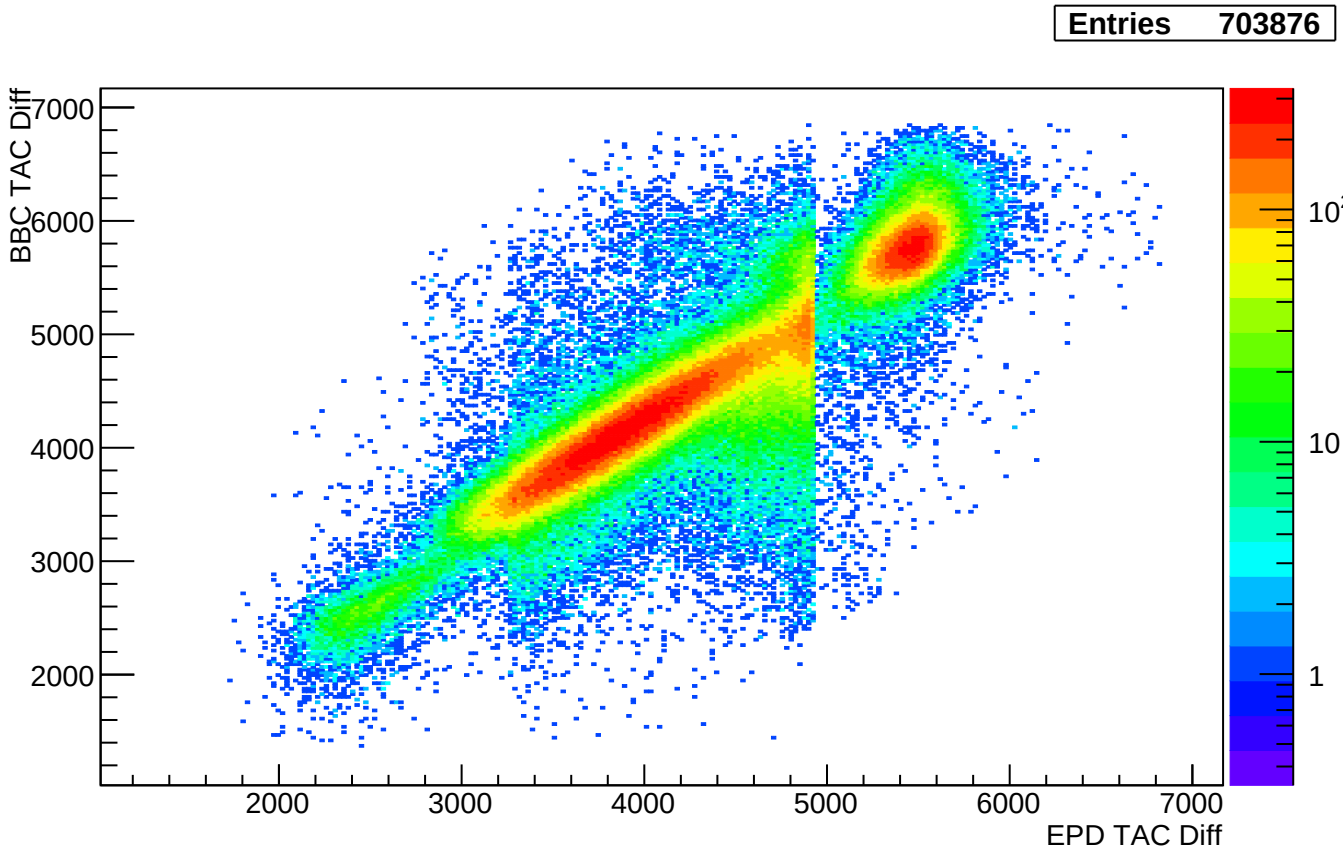

Entries 703876
TOF_Mult
BBC-S-West ADC Sum

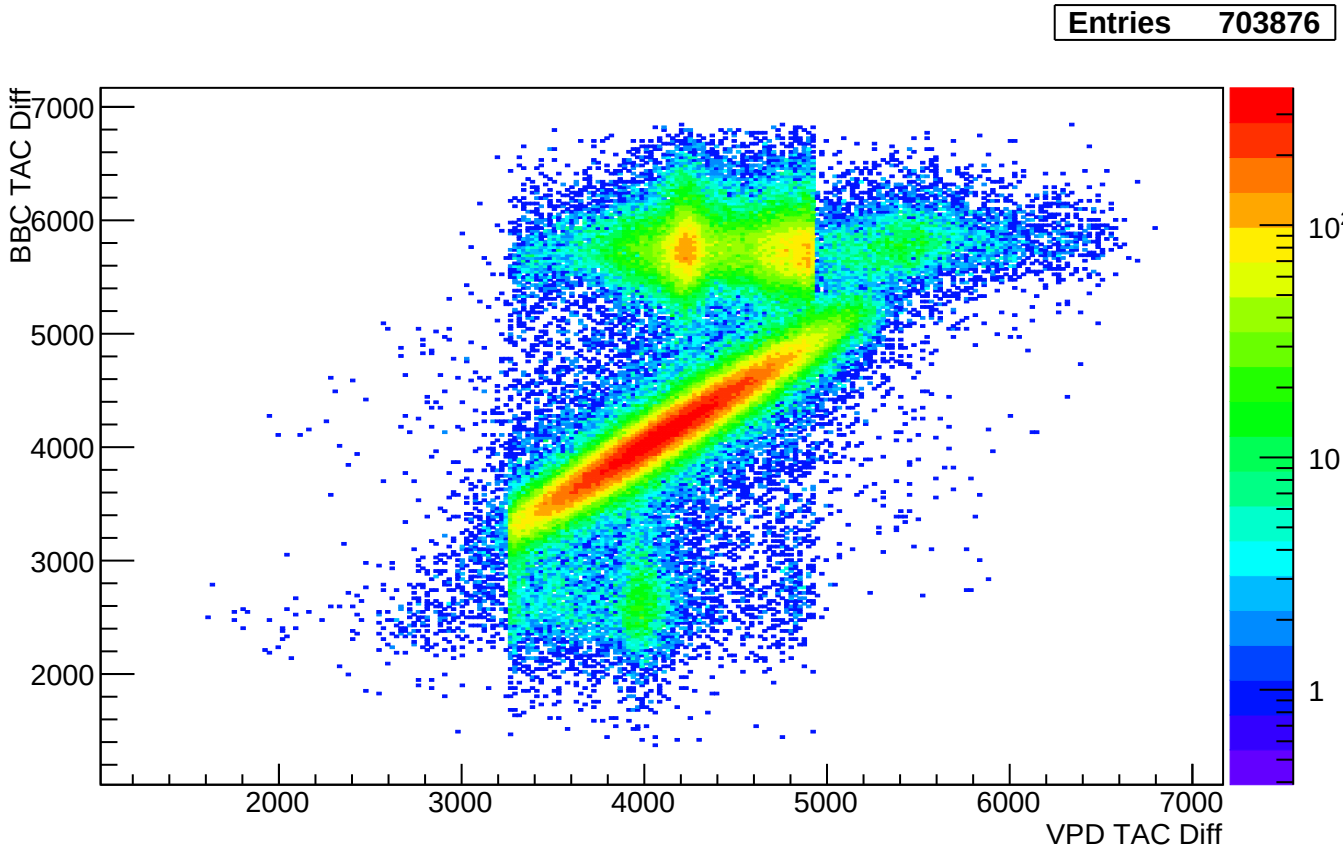

Entries 703876
TOF_Mult
EPD-East Hit Cnt

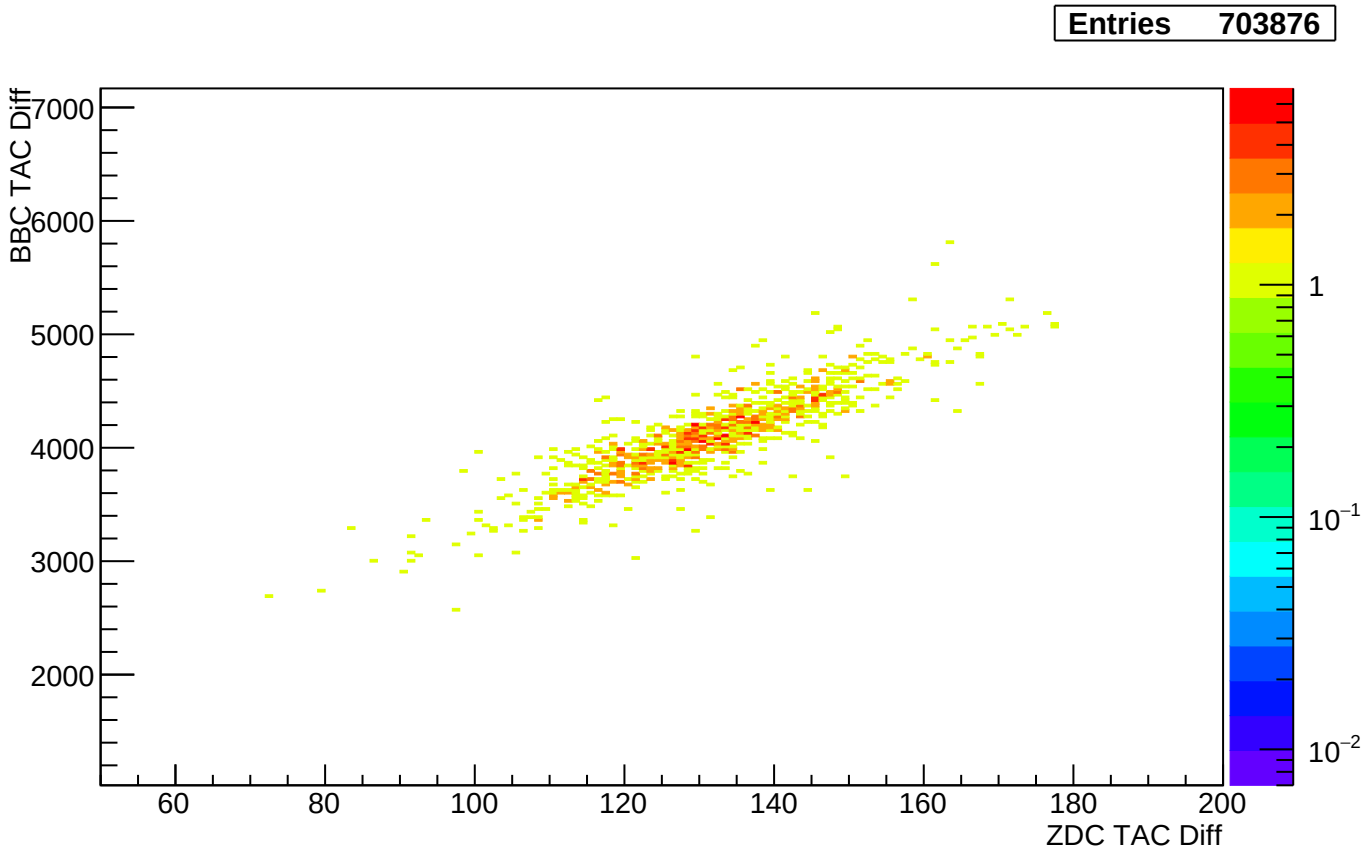

Entries 703876
TOF_Mult
EPD-West Hit Cnt

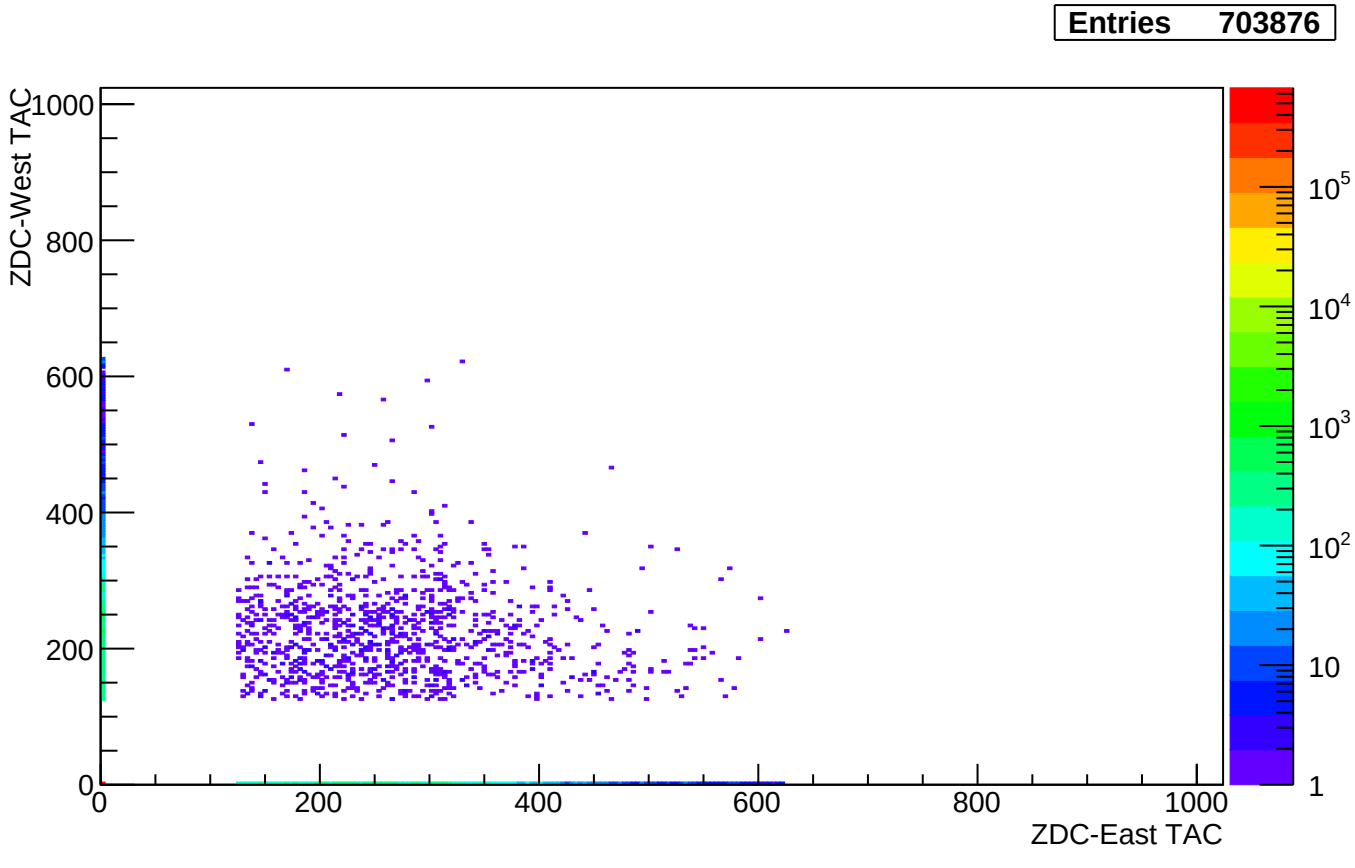

Entries 703876
TOF_Mult
VPD-East ADC Sum

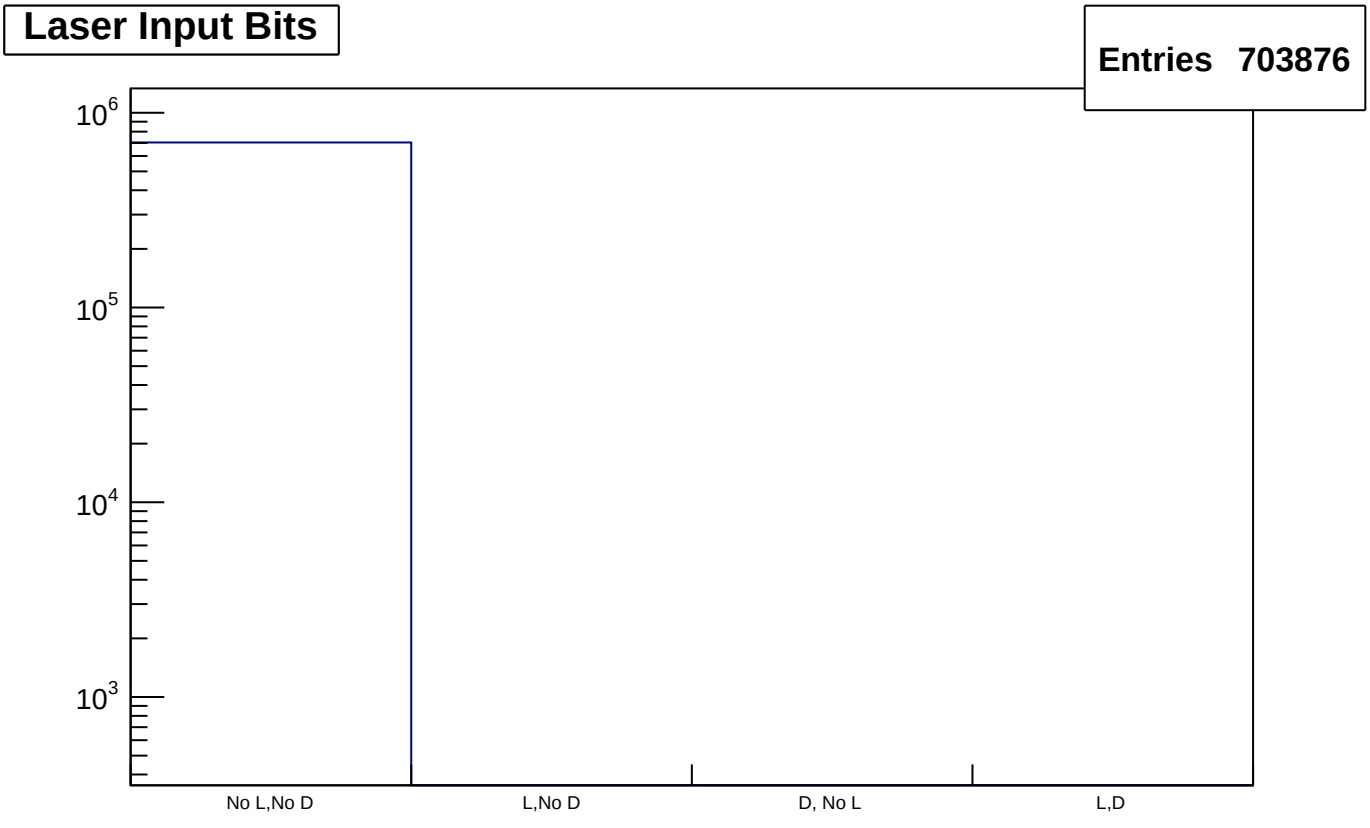

Entries 703876
TOF_Mult
VPD-West ADC Sum

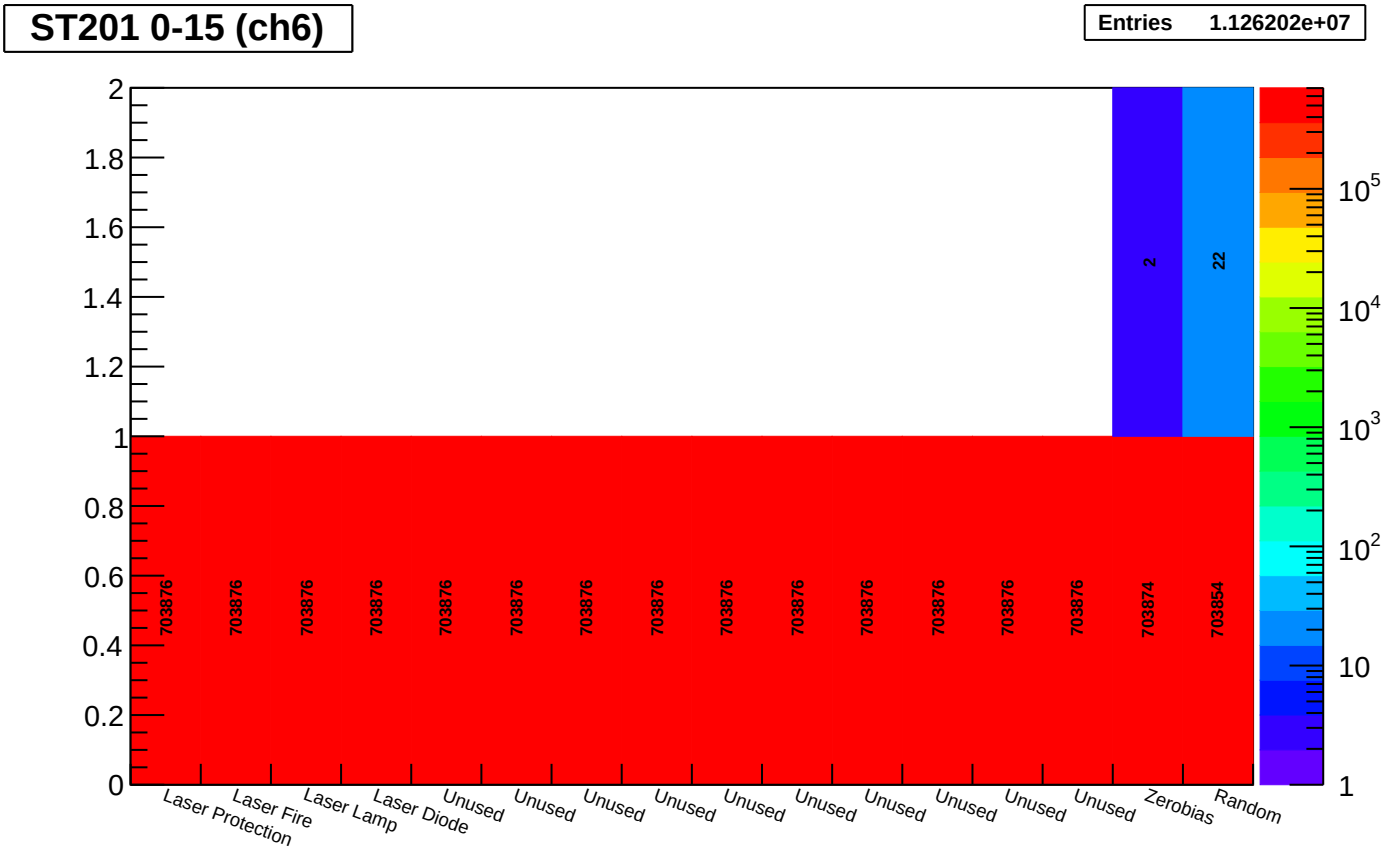

Entries 703876
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

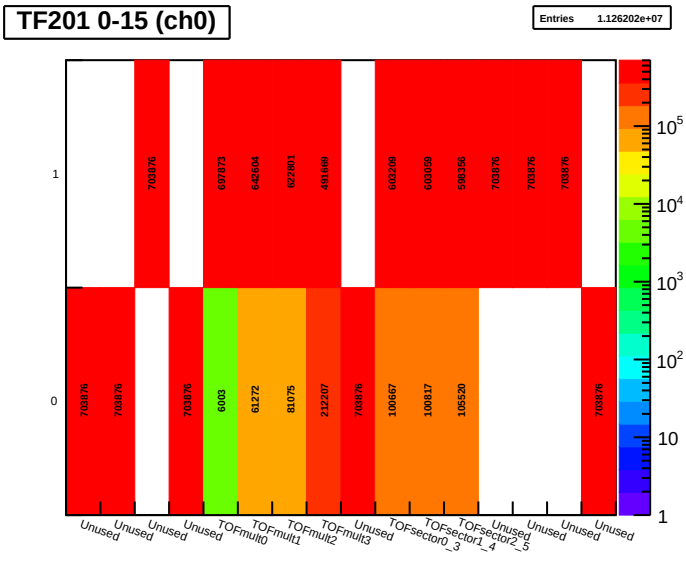

Entries 703876
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

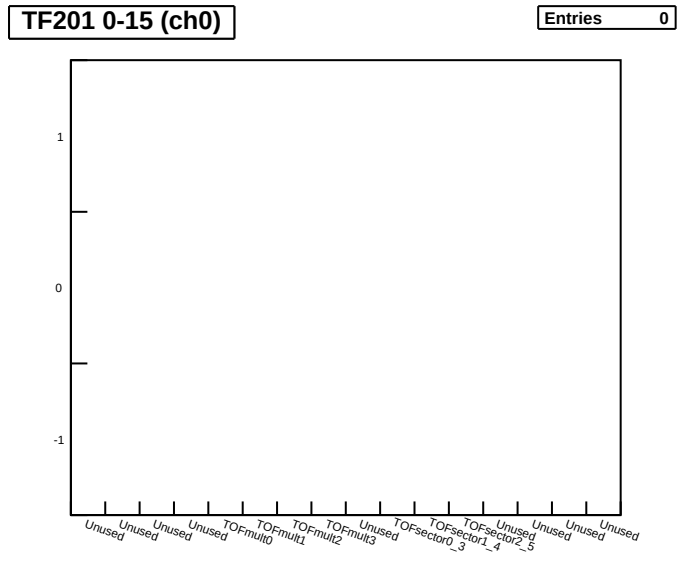

Entries 703876
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

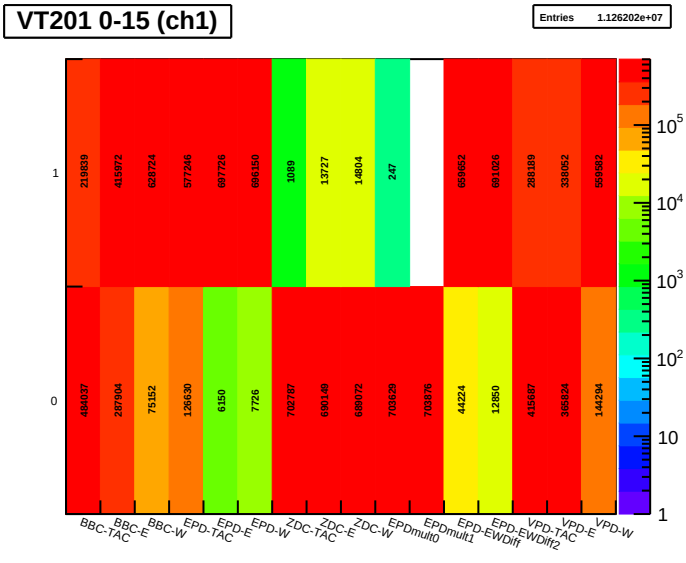

Entries 703876
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

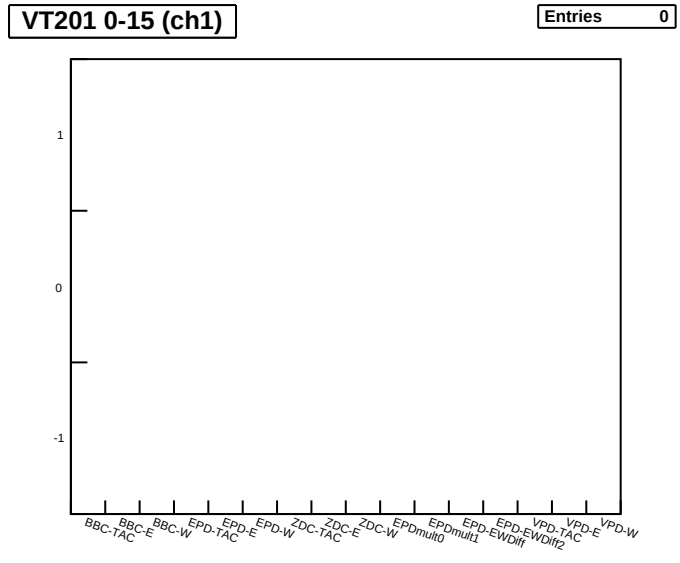

Laser Input Bits
Entries 703876
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

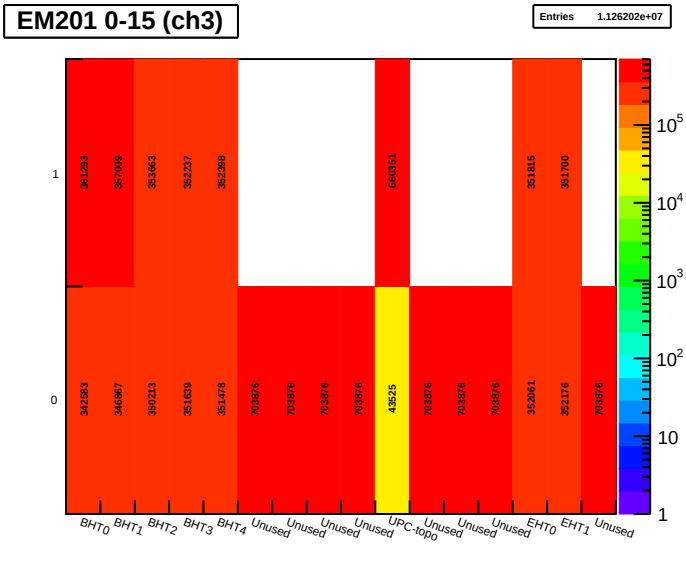

ST201 0-15 (ch6)
Entries 1.126202e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
703876
703876
703876
703876
703876
703876
703876
703876
703876
703876
703876
703876
703876
703876
703874
703854
2
22
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

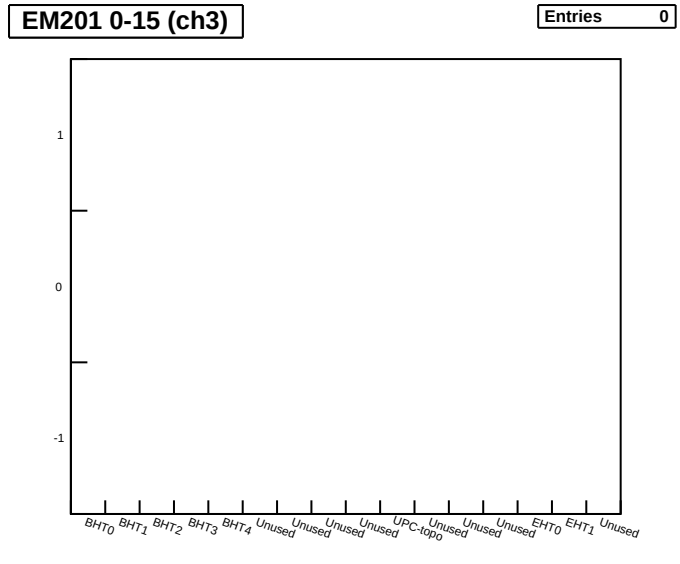

TF201 0-15 (ch0)
Entries 1.126202e+07
1
0
703876 697873 642604 622801 491669 603209 603059 598356 703876 703876 703876
703876 703876 703876 6003 61272 81075 212207 703876 100667 100817 105520 703876
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 1.126202e+07
1
0
219839 415972 628724 577246 697726 696150 1089 13727 14804 247 659652 691026 288189 338052 559582
484037 287904 75152 126630 6150 7726 702787 690149 688072 703629 703876 44224 12850 415687 365824 144294
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 1.126202e+07
1
0
361293 357009 353663 352237 352398 660351 351815 351700
342583 346867 350213 351639 351478 703876 703876 703876 703876 43525 703876 703876 703876 352061 352176 703876
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