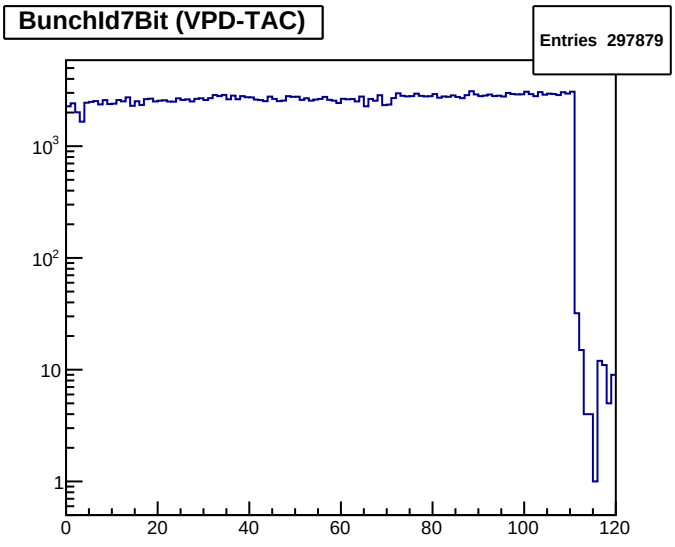
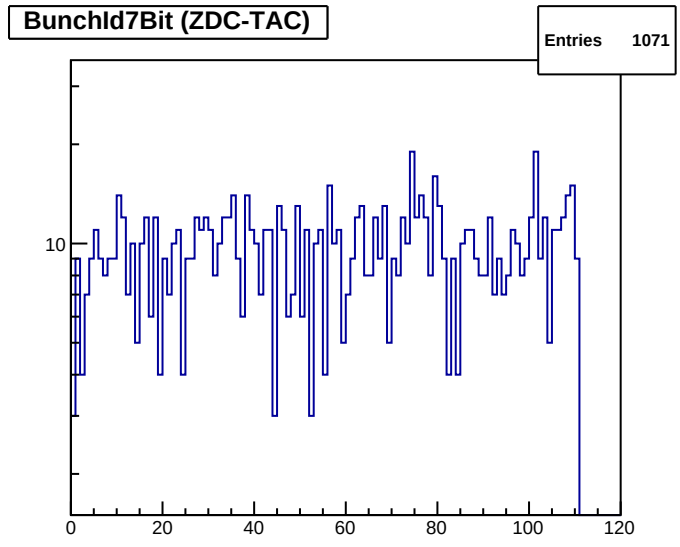
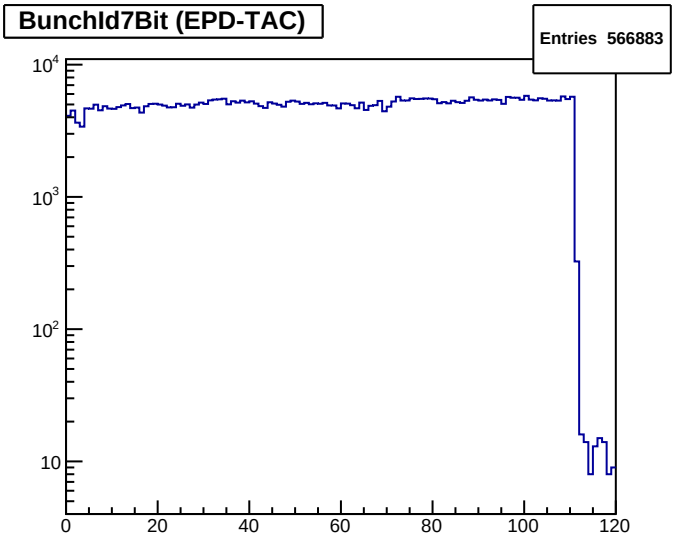
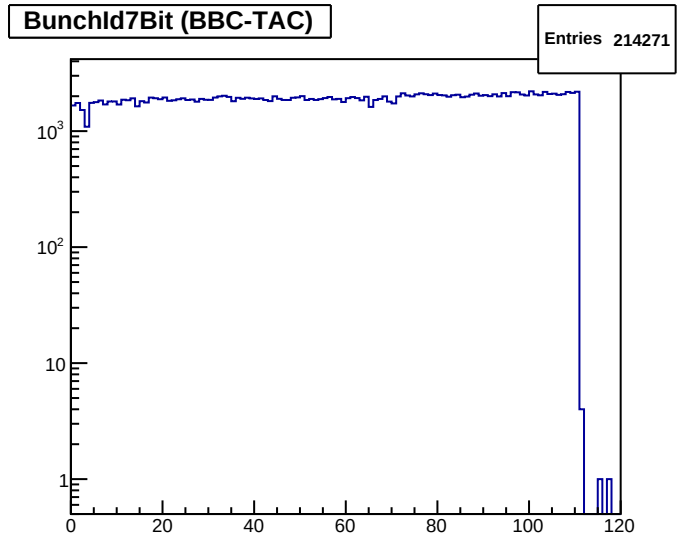
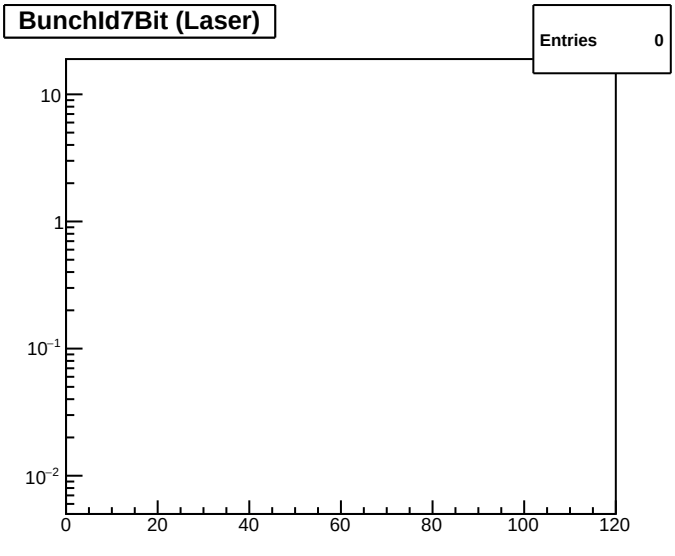
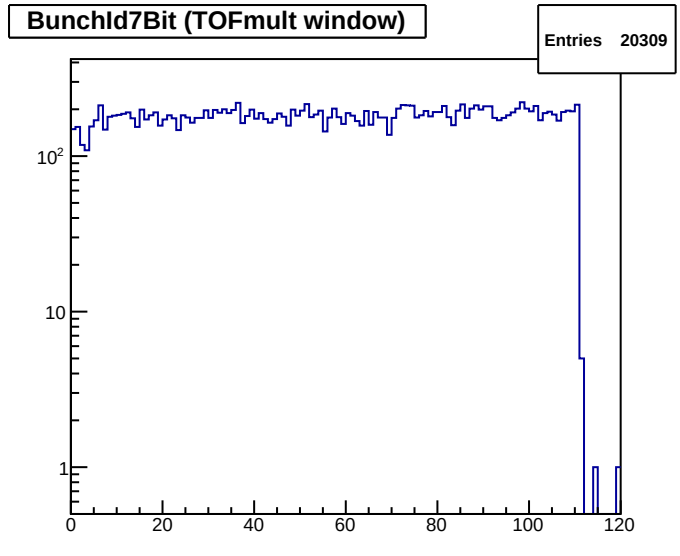

BunchId7Bit (VPD-TAC)
Entries 297879

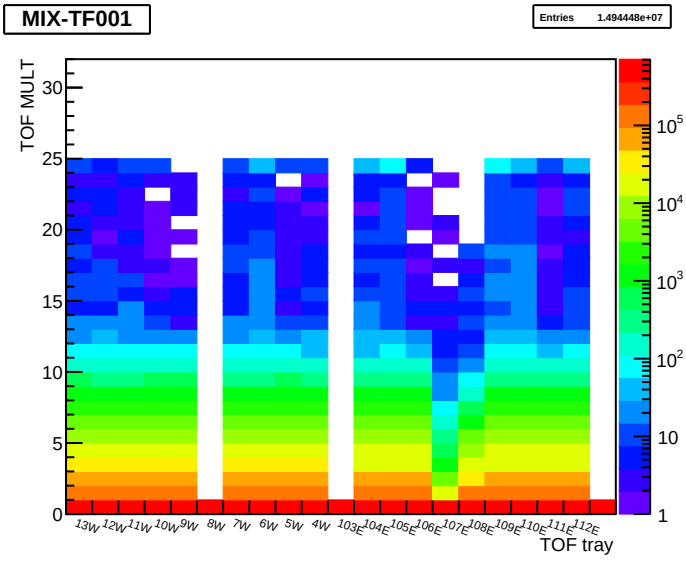

BunchId7Bit (ZDC-TAC)
Entries 1071

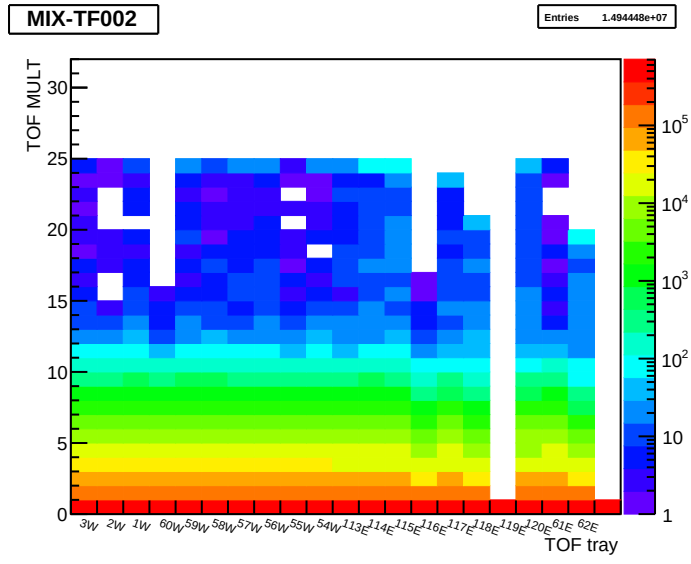

BunchId7Bit (EPD-TAC)
Entries 566883

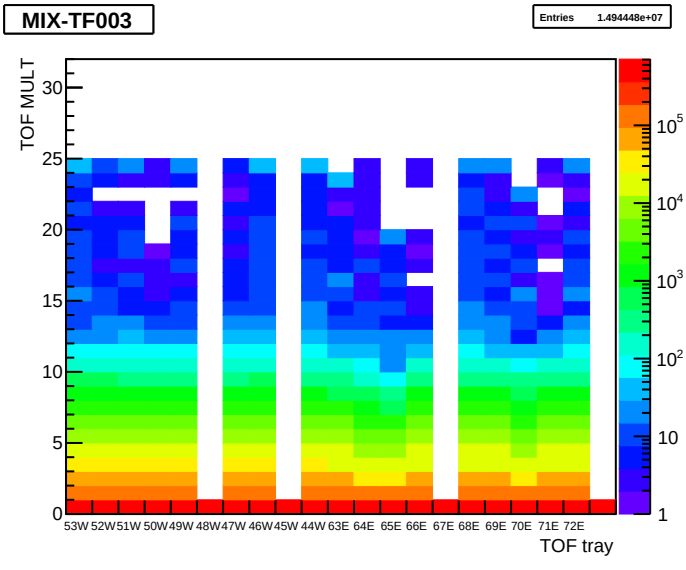

BunchId7Bit (BBC-TAC)
Entries 214271

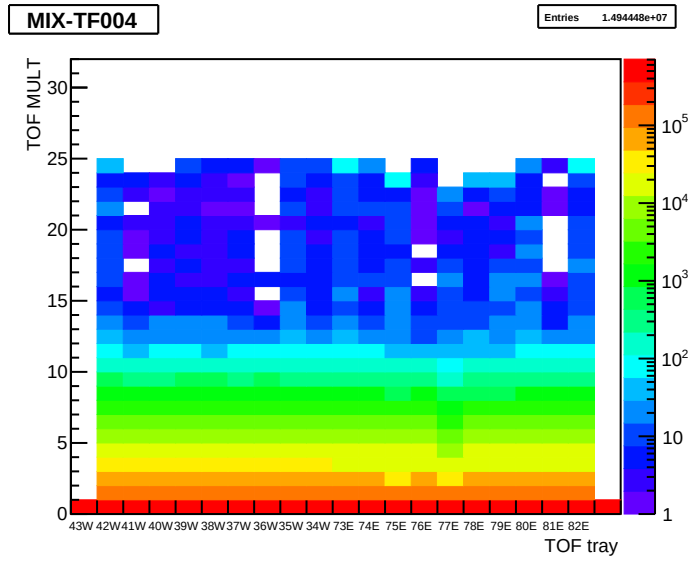

BunchId7Bit (Laser)
Entries 0

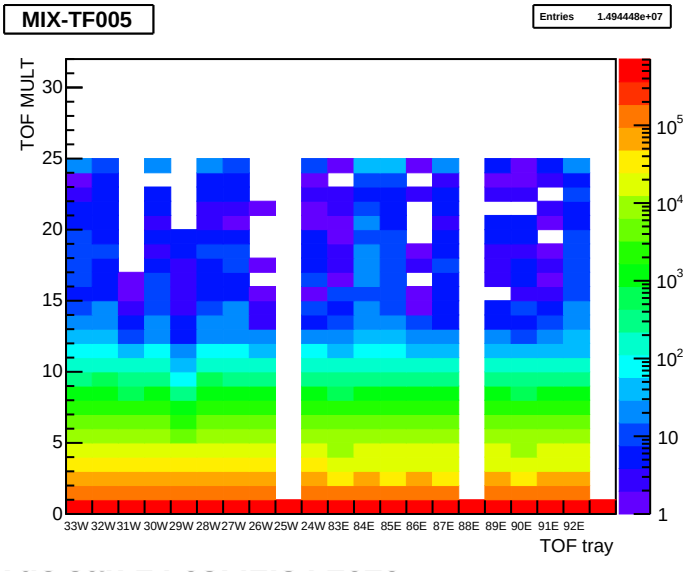

BunchId7Bit (TOFmult window)
Entries 20309

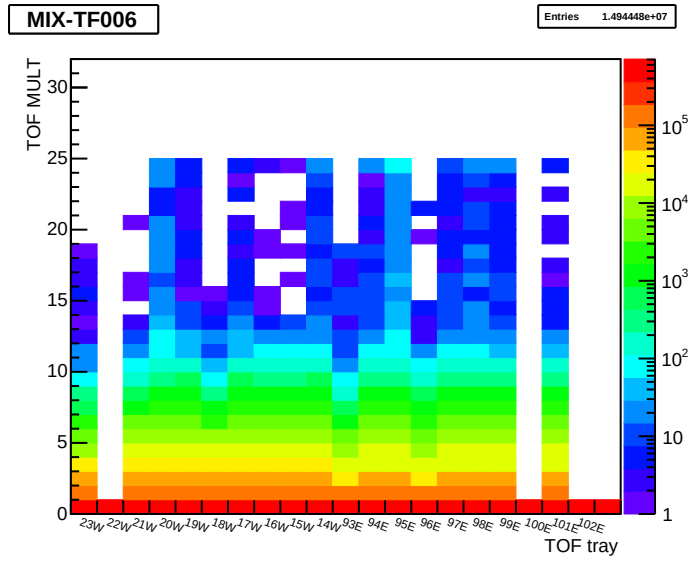

MIX-TF001
Entries 1.494448e+07
TOF MULT
TOF tray

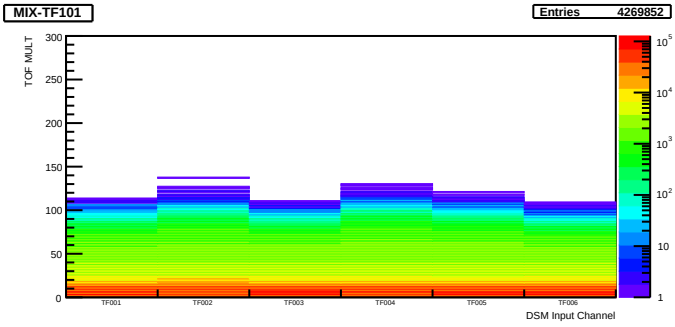

MIX-TF002
Entries 1.494448e+07
TOF MULT
TOF tray

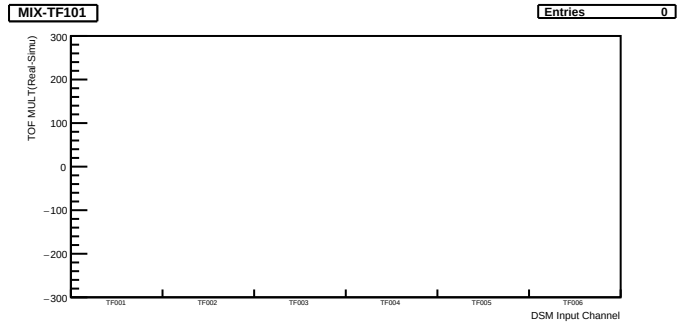

MIX-TF003
Entries 1.494448e+07
TOF MULT
TOF tray

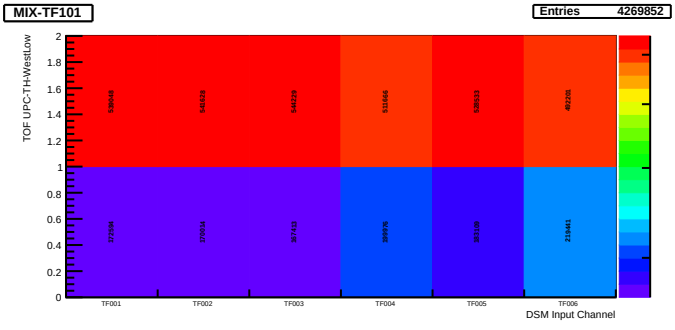

MIX-TF004
Entries 1.494448e+07
TOF MULT
TOF tray

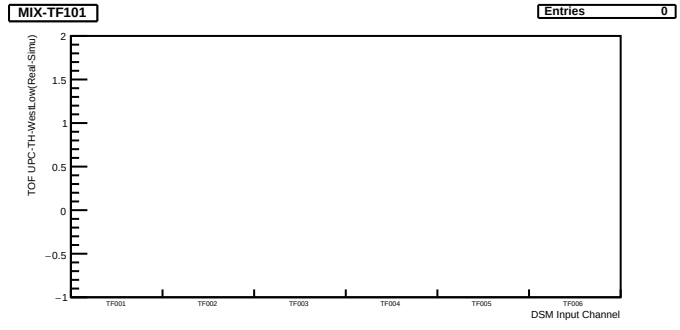

MIX-TF005
Entries 1.494448e+07
TOF MULT
TOF tray

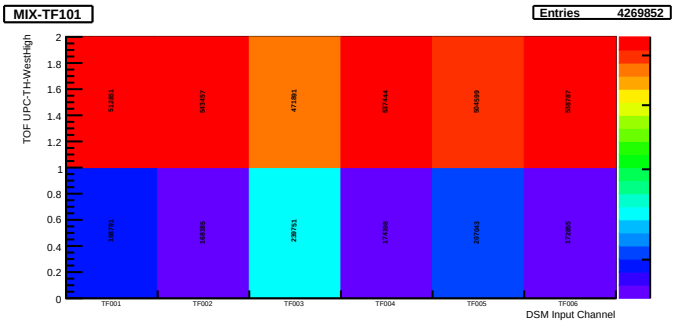

MIX-TF006
Entries 1.494448e+07
TOF MULT
TOF tray

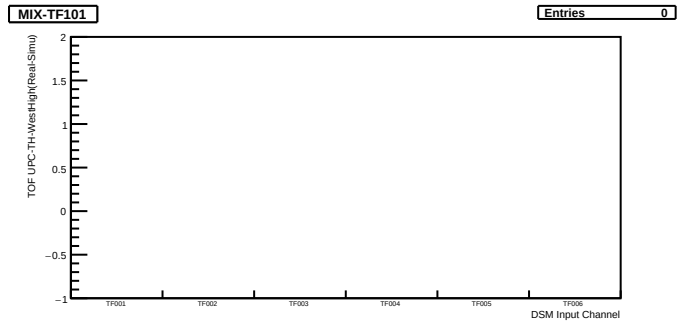

MIX-TF101
Entries 4269852
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

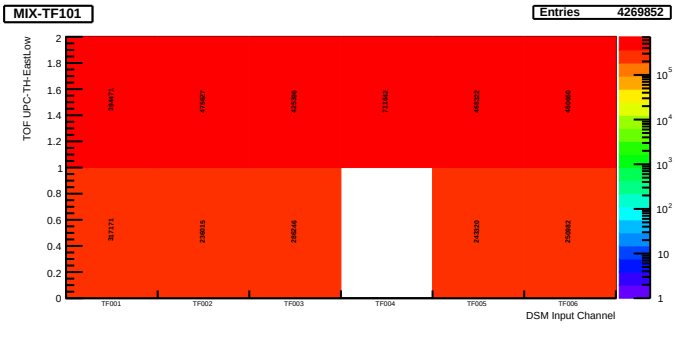

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

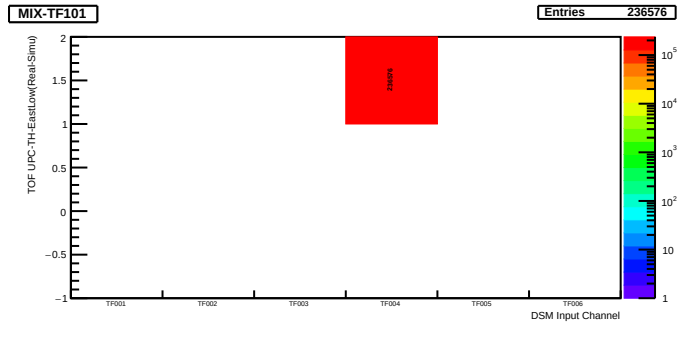

MIX-TF101
Entries 4269852
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

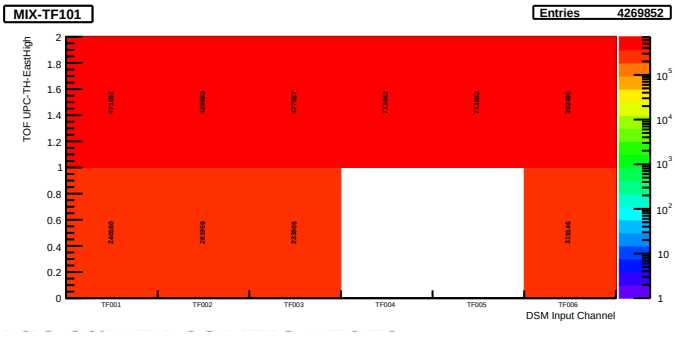

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

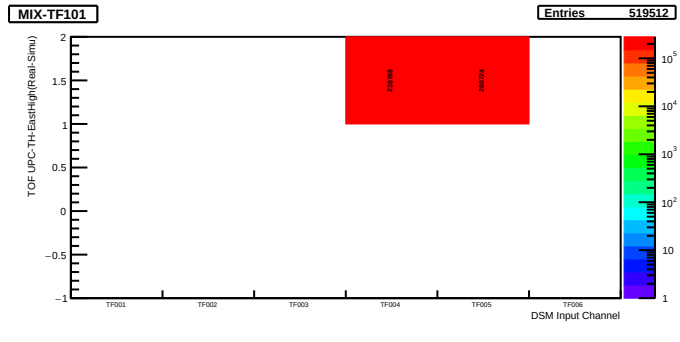

MIX-TF101
Entries 4269852
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

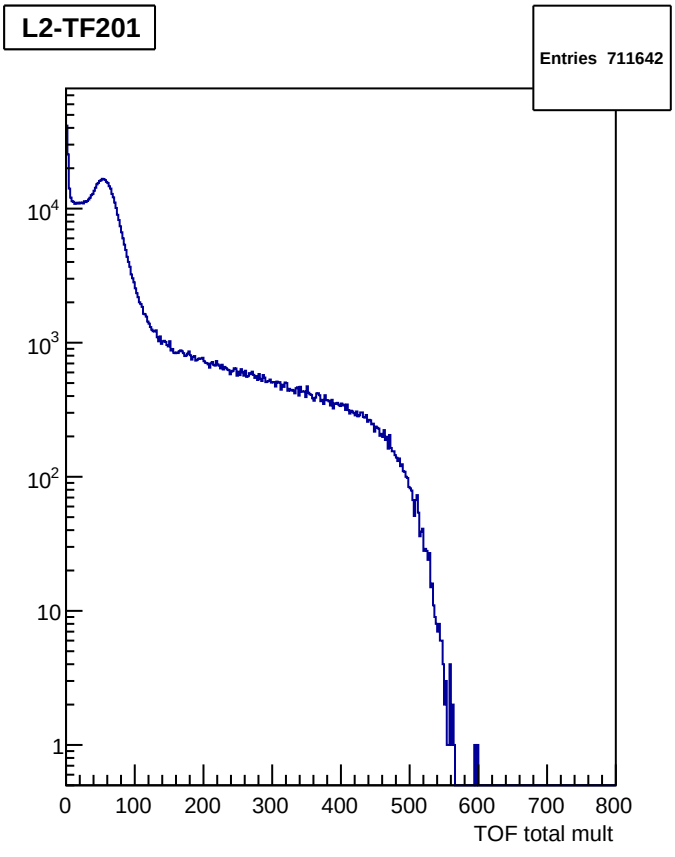

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

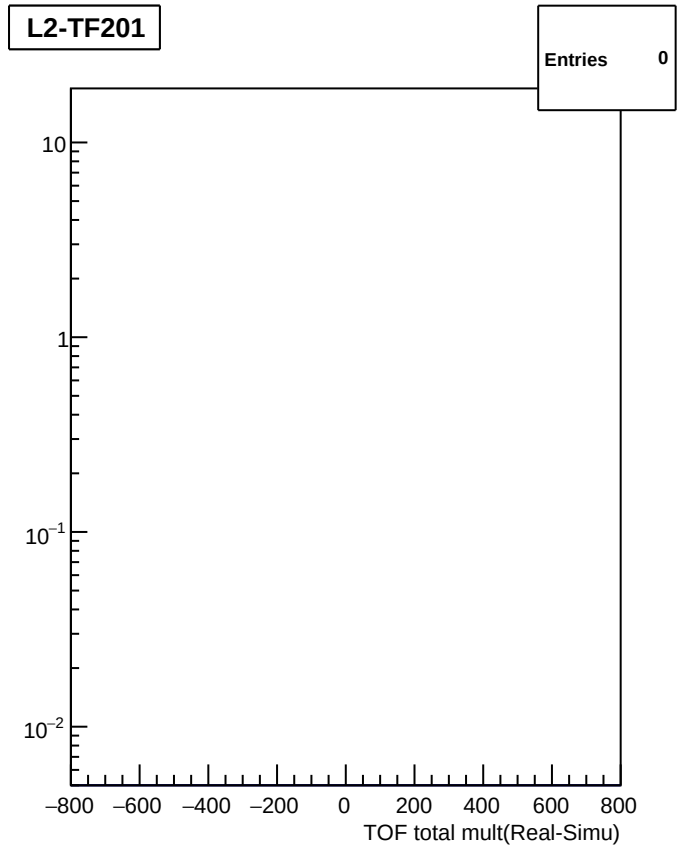

MIX-TF101
Entries 4269852
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

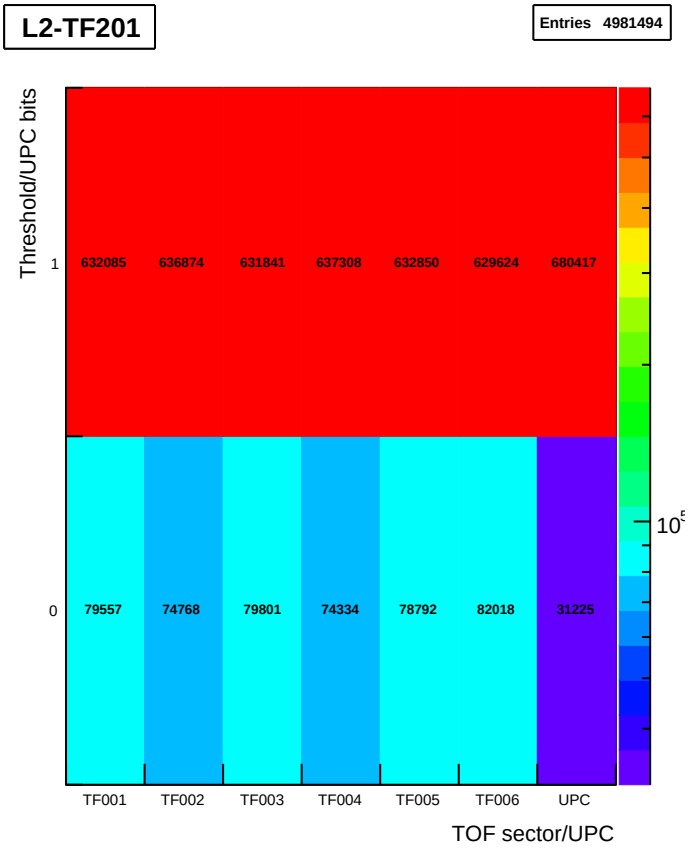

MIX-TF101
Entries 236576
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

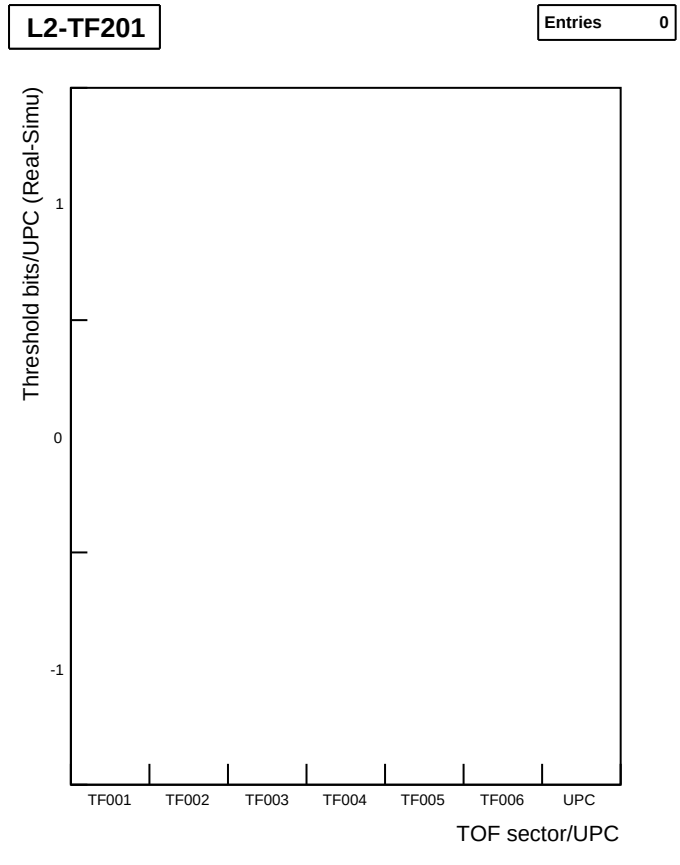

MIX-TF101
Entries 4269852
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

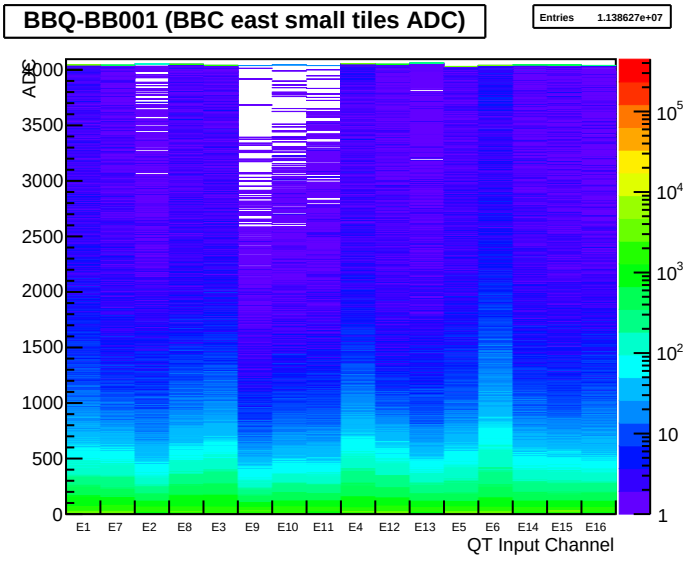

MIX-TF101
Entries 519512
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

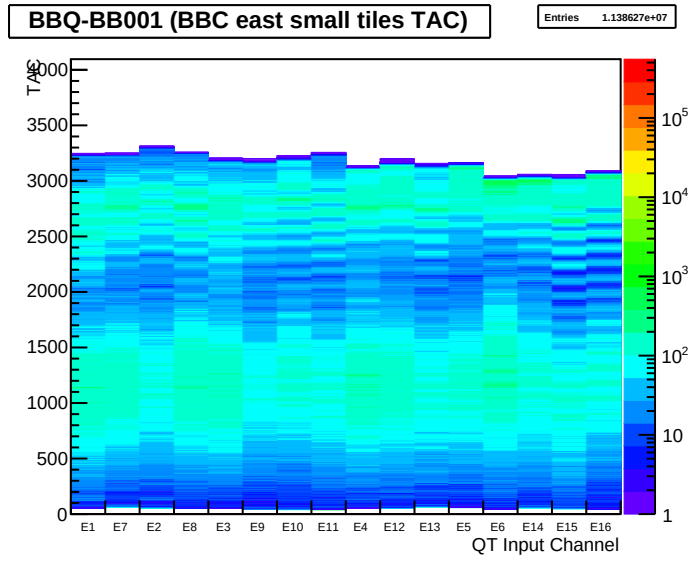

L2-TF201
Entries 711642
TOF total mult

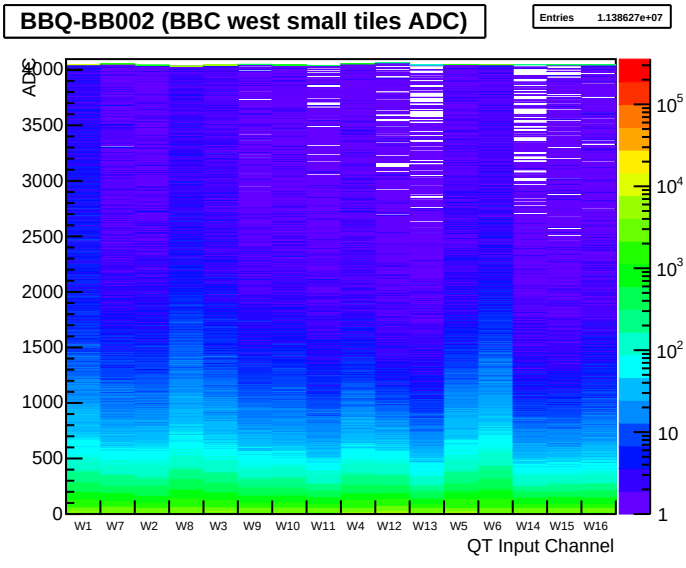

L2-TF201
Entries 0
TOF total mult(Real-Simu)

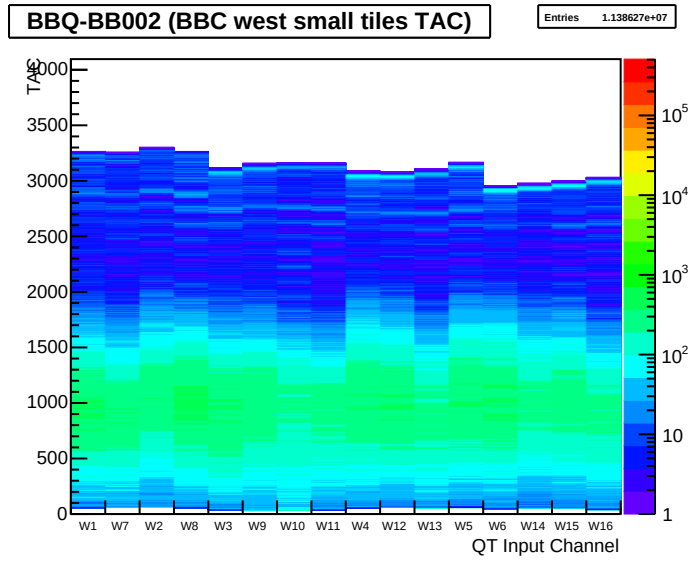

L2-TF201
Entries 4981494
Threshold/UPC bits
632085
636874
631841
637308
632850
629624
680417
79557
74768
79801
74334
78792
82018
31225
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

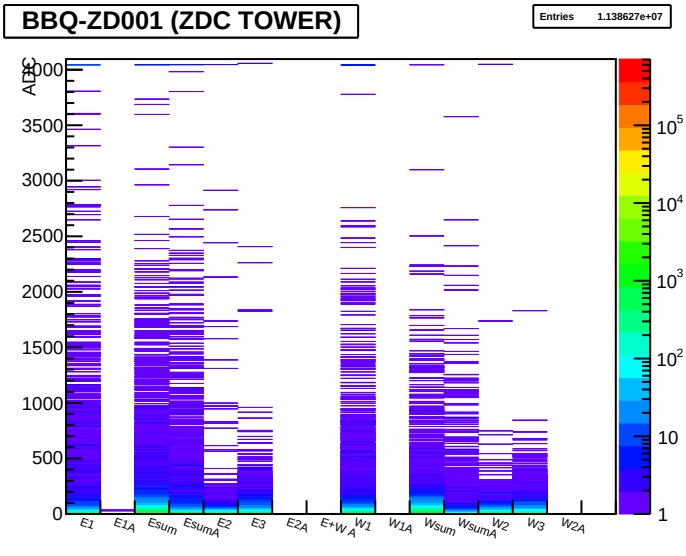

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

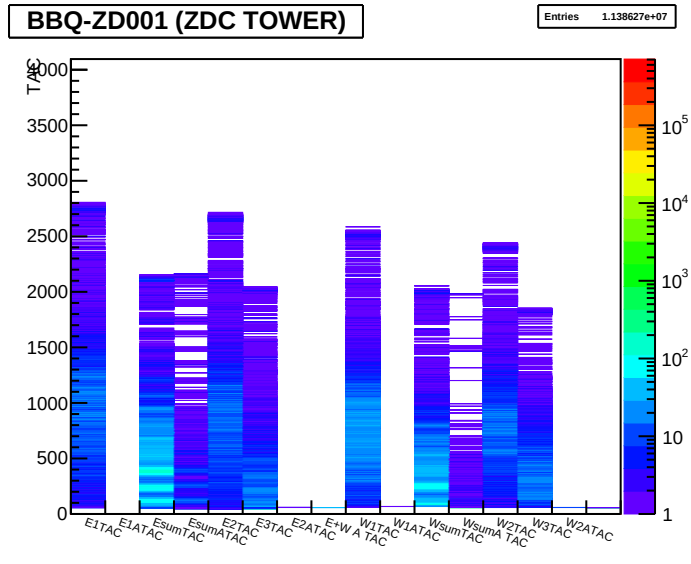

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.138627e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

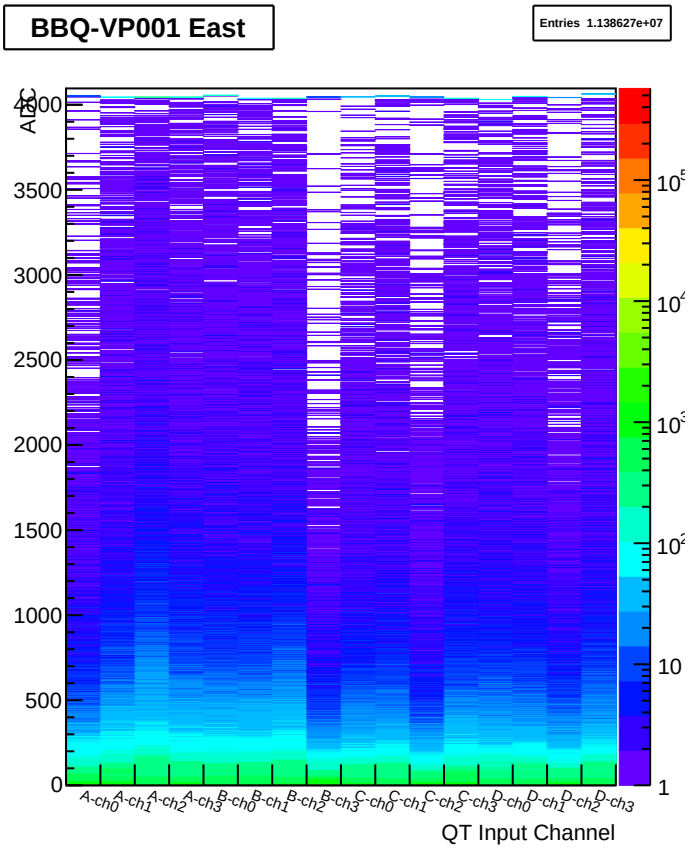

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.138627e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

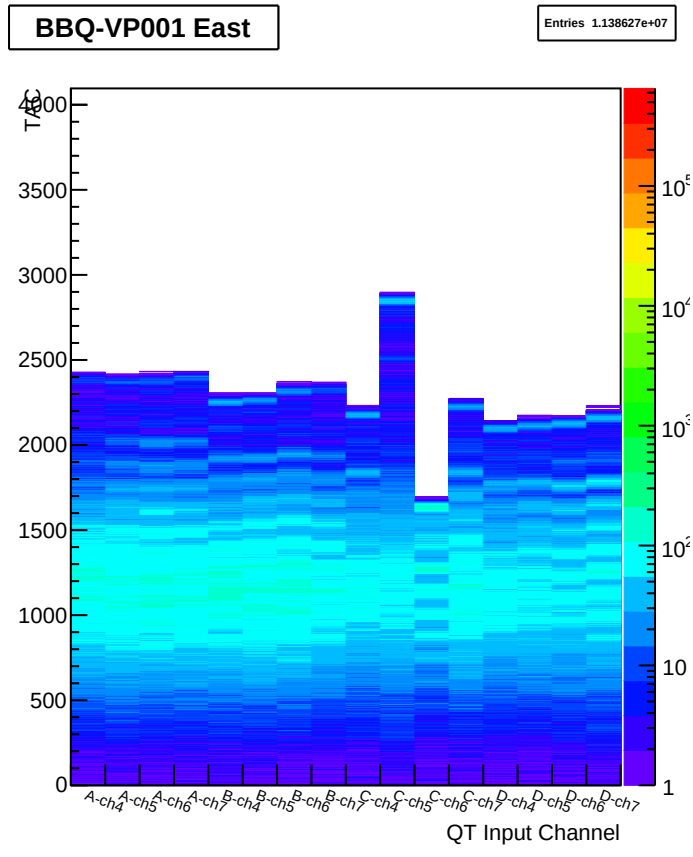

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.138627e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

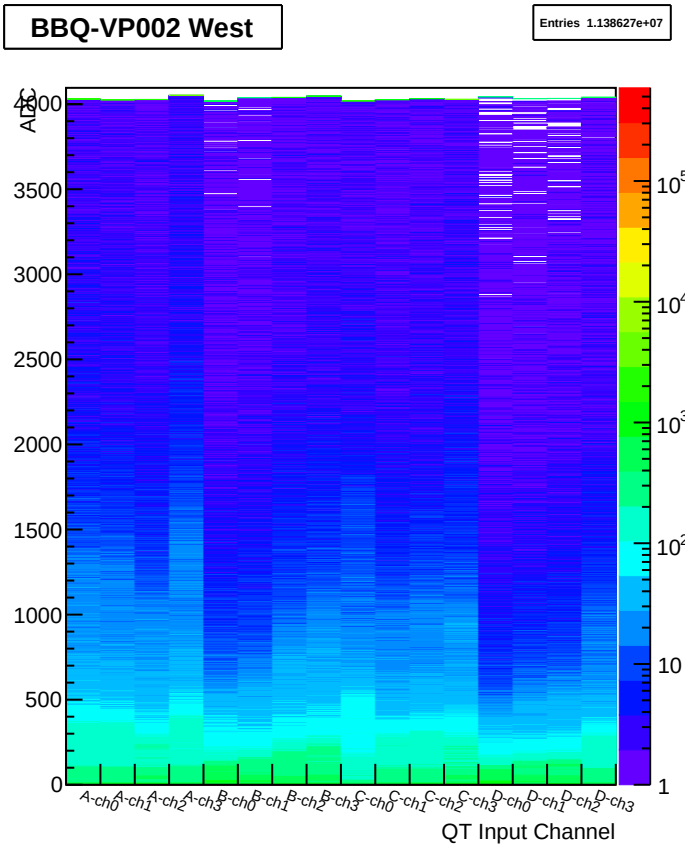

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.138627e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

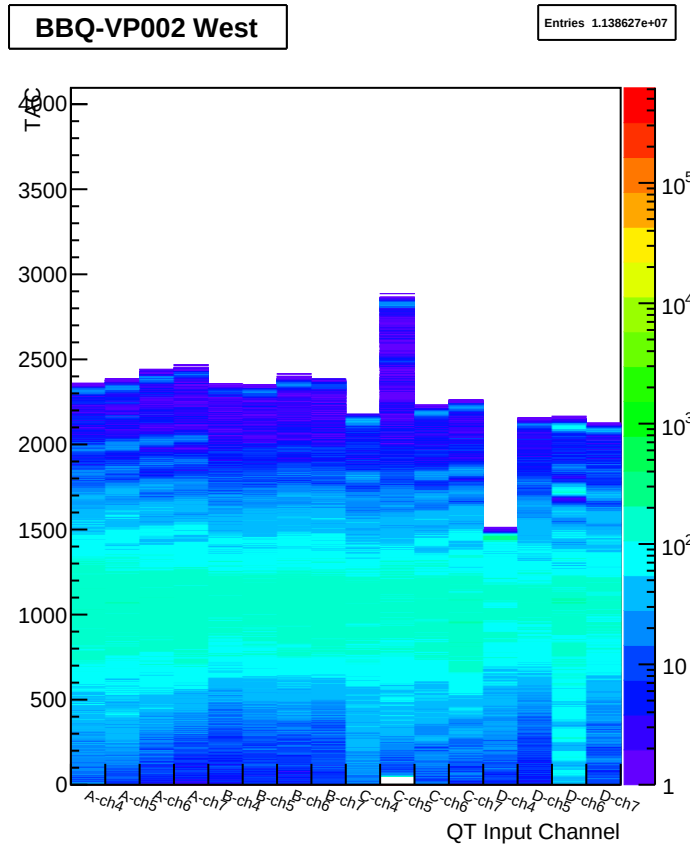

BBQ-ZD001 (ZDC TOWER)
Entries 1.138627e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

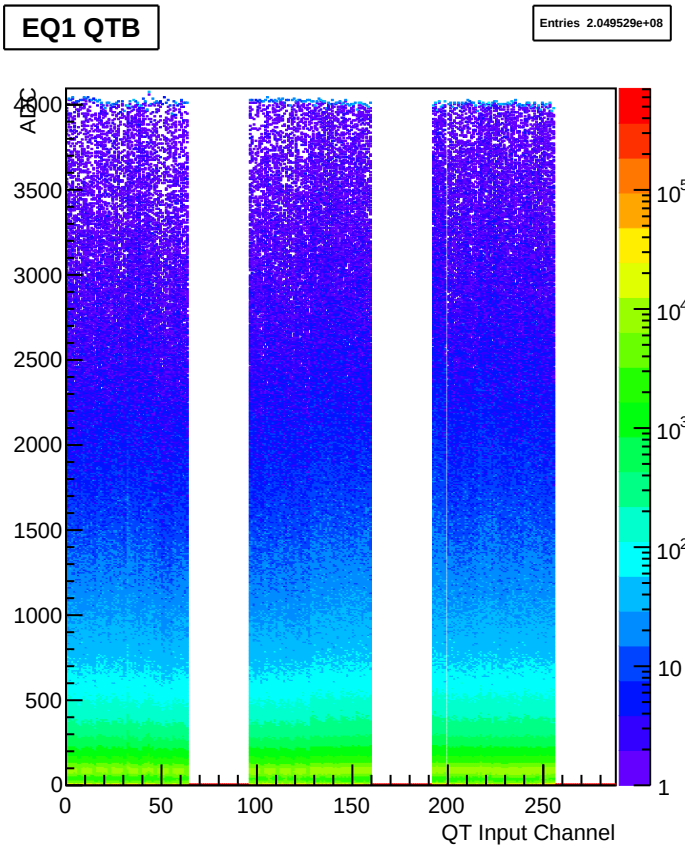

BBQ-ZD001 (ZDC TOWER)
Entries 1.138627e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

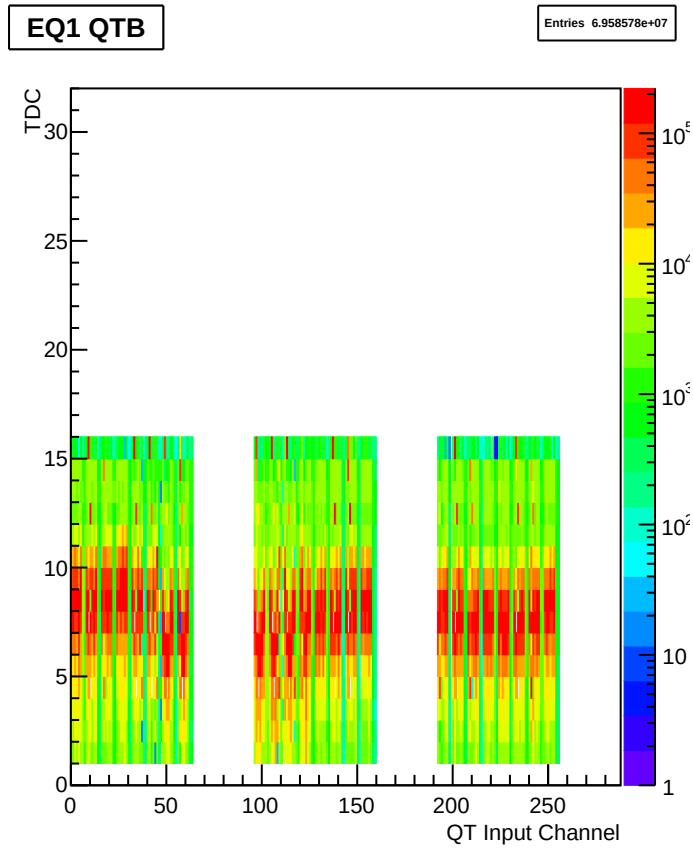

BBQ-VP001 East
Entries 1.138627e+07
ADC
QT Input Channel

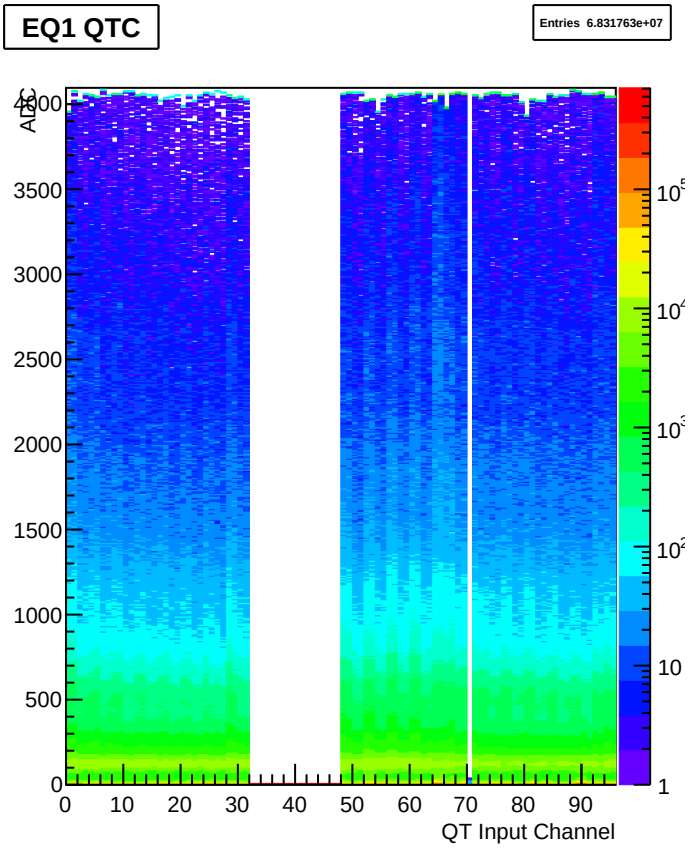

BBQ-VP001 East
Entries 1.138627e+07
TADC
QT Input Channel

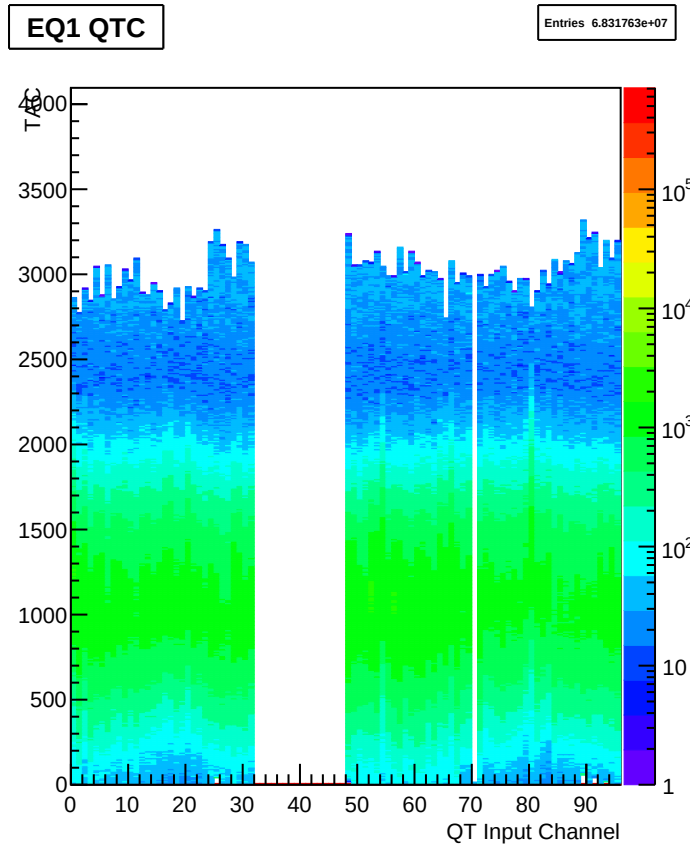

BBQ-VP002 West
Entries 1.138627e+07
ADC
QT Input Channel

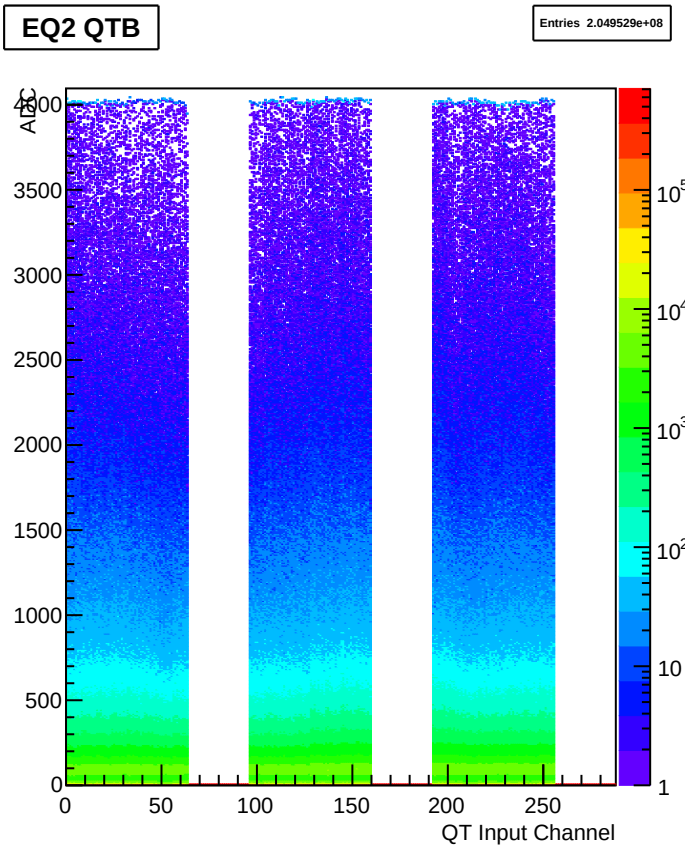

BBQ-VP002 West
Entries 1.138627e+07
TADC
QT Input Channel

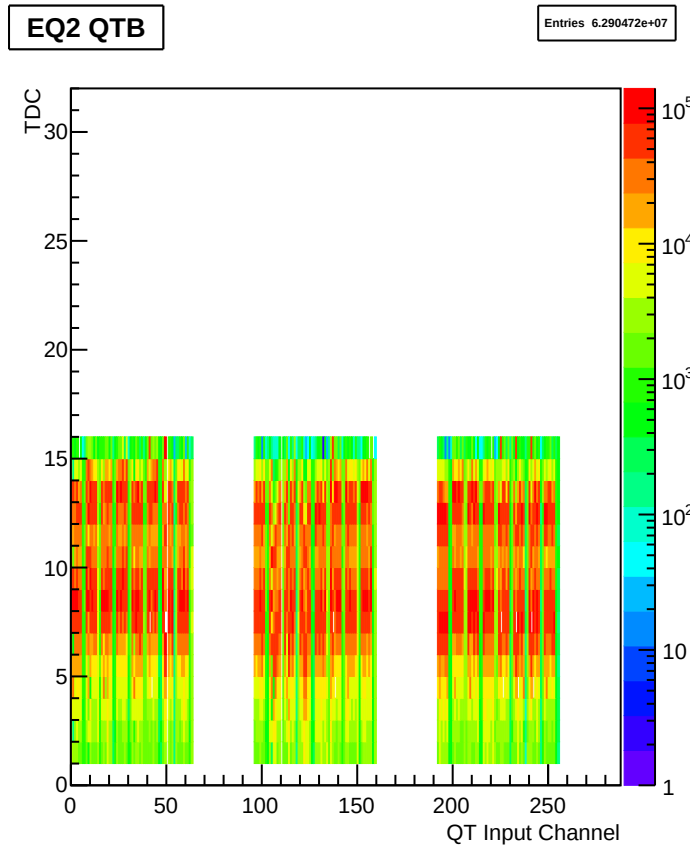

EQ1 QTB
Entries 2.049529e+08
ADC
QT Input Channel

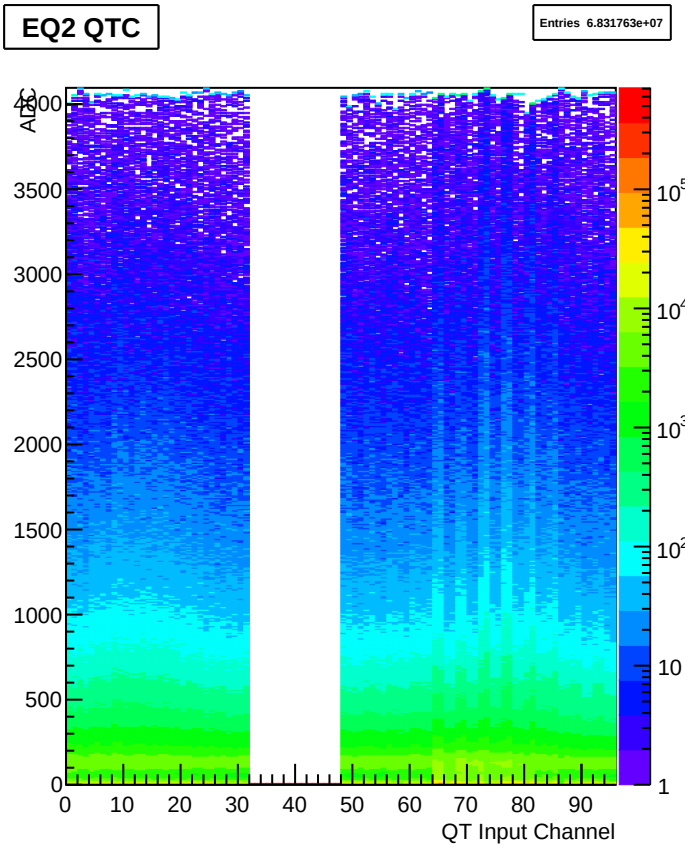

EQ1 QTB
Entries 6.958578e+07
TDC
QT Input Channel

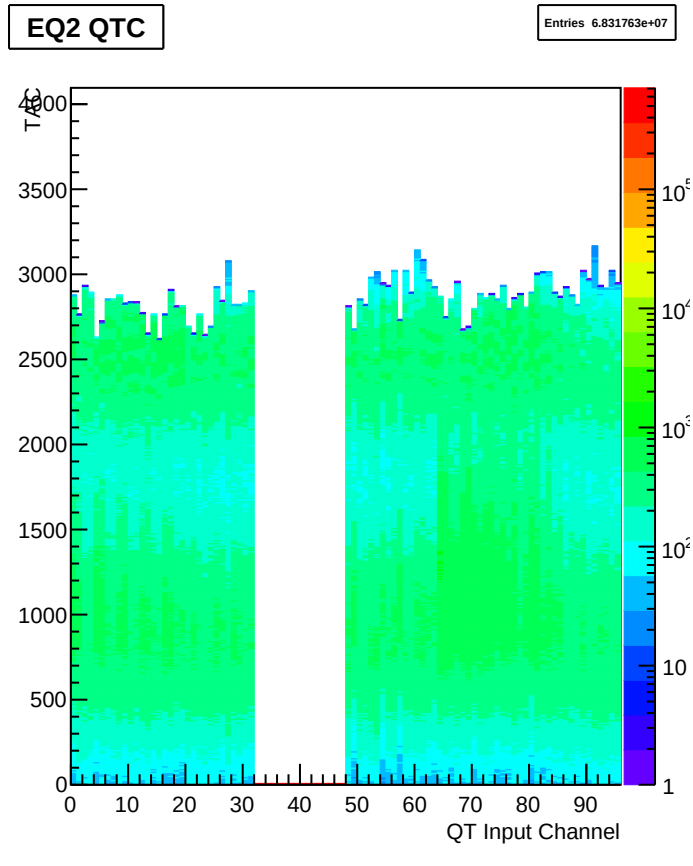

EQ1 QTC
Entries 6.831763e+07
ADC
QT Input Channel

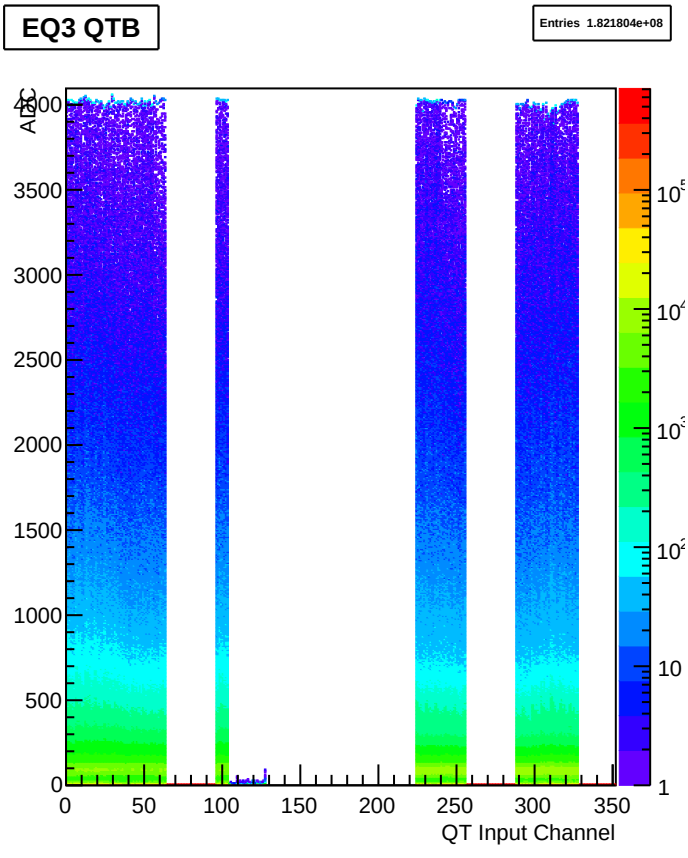

EQ1 QTC
Entries 6.831763e+07
TADC
QT Input Channel

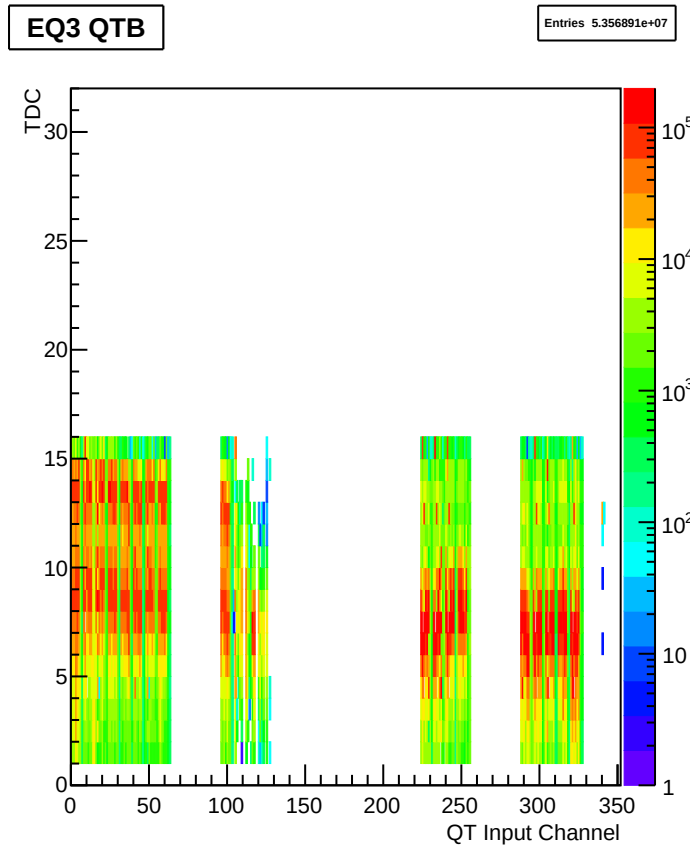

EQ2 QTB
Entries 2.049529e+08
ADC
QT Input Channel

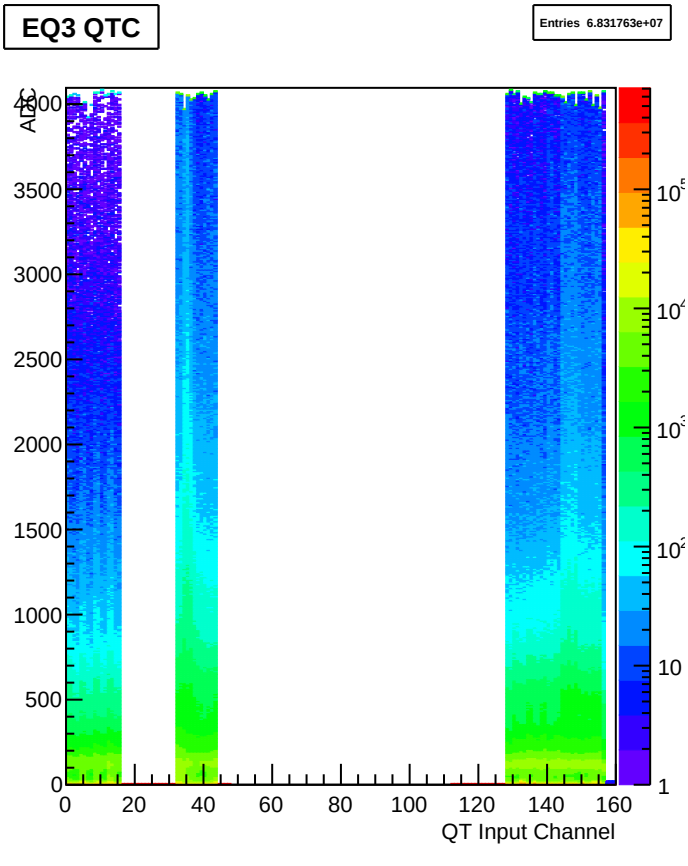

EQ2 QTB
Entries 6.290472e+07
TDC
QT Input Channel

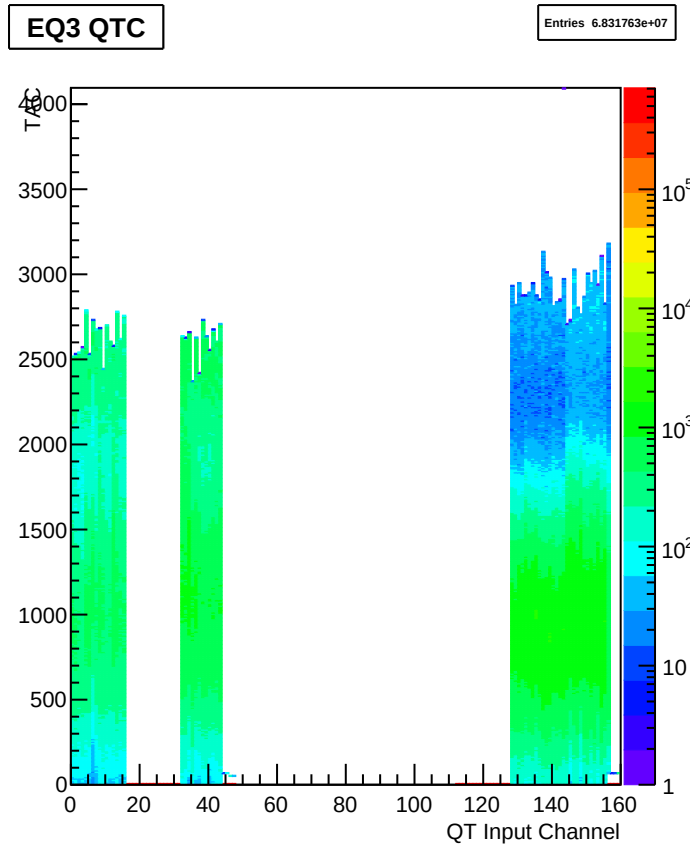

EQ2 QTC
Entries 6.831763e+07
ADC
QT Input Channel

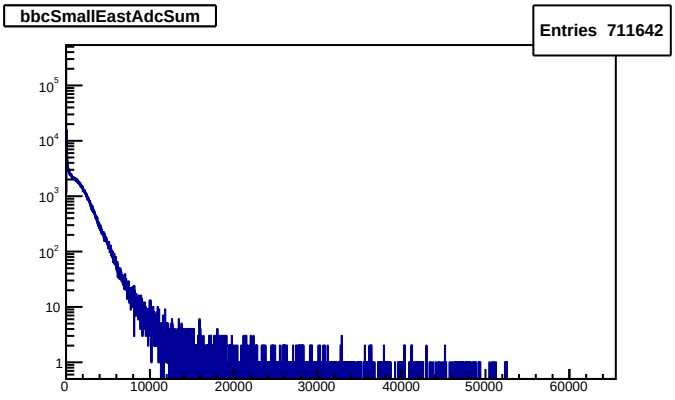

EQ2 QTC
Entries 6.831763e+07
TADC
QT Input Channel

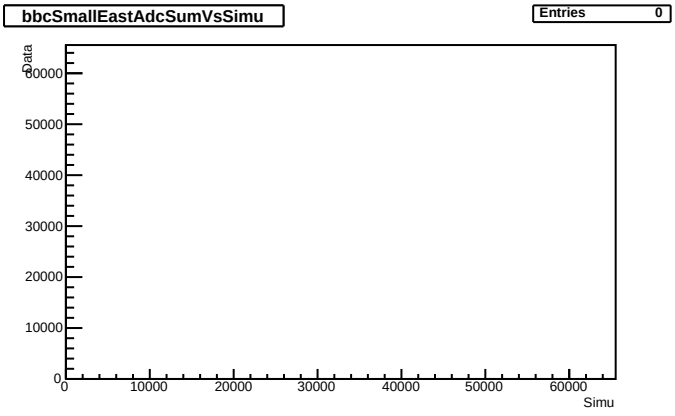

EQ3 QTB
Entries 1.821804e+08
ADC
QT Input Channel

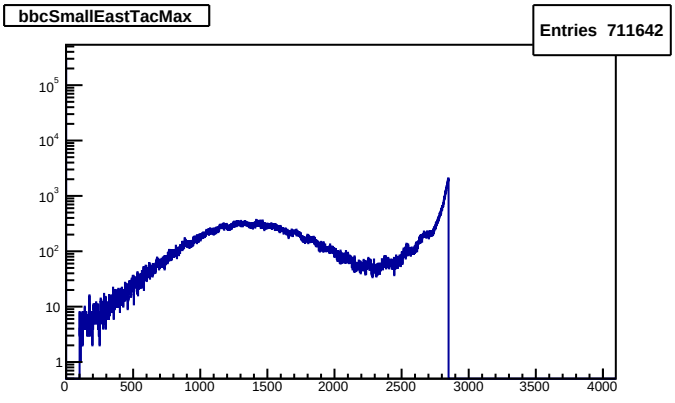

EQ3 QTB
Entries 5.356891e+07
TDC
QT Input Channel

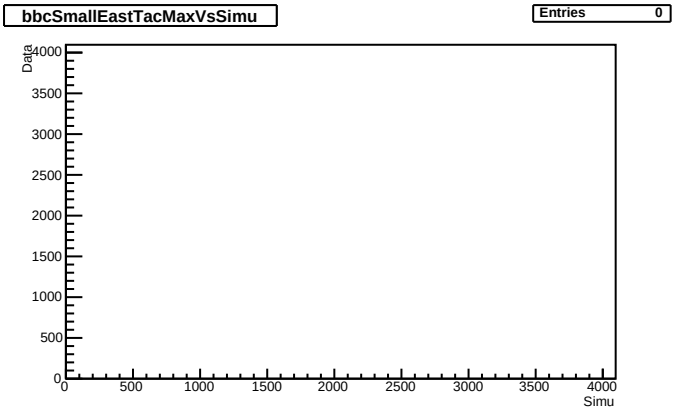

EQ3 QTC
Entries 6.831763e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.831763e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 711642


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 711642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Entries 0
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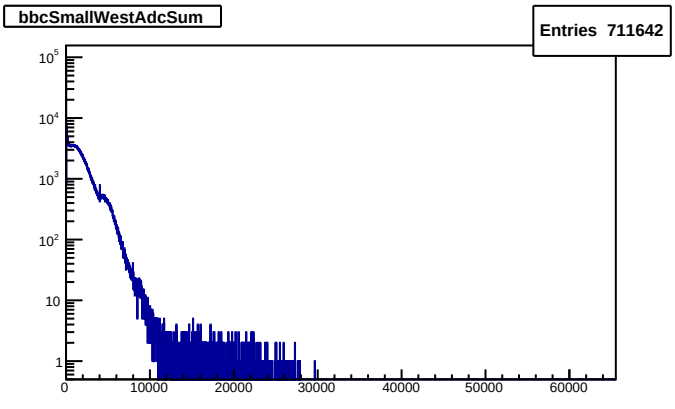
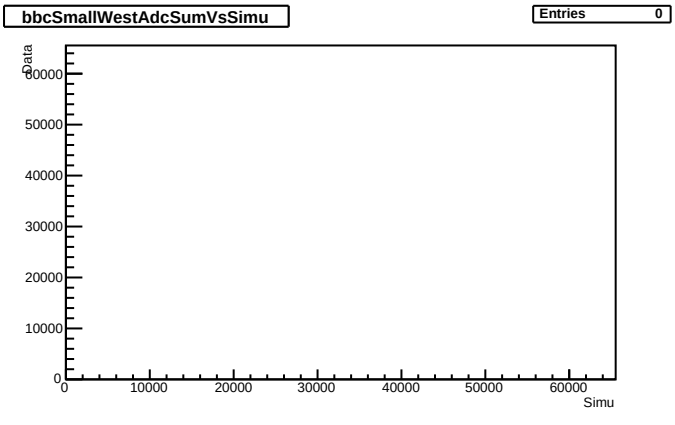
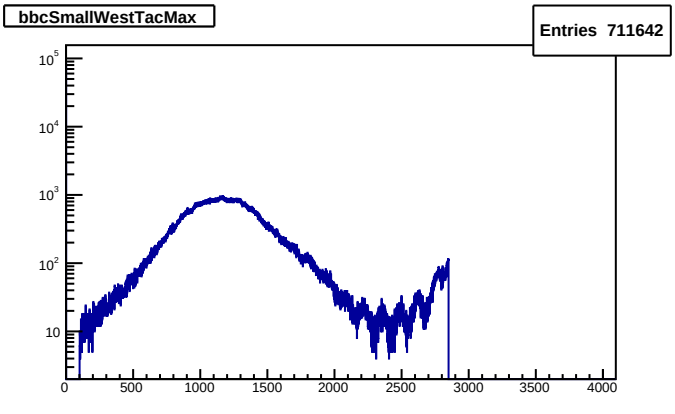
Simu


bbcSmallWestAdcSum
Entries 711642


bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu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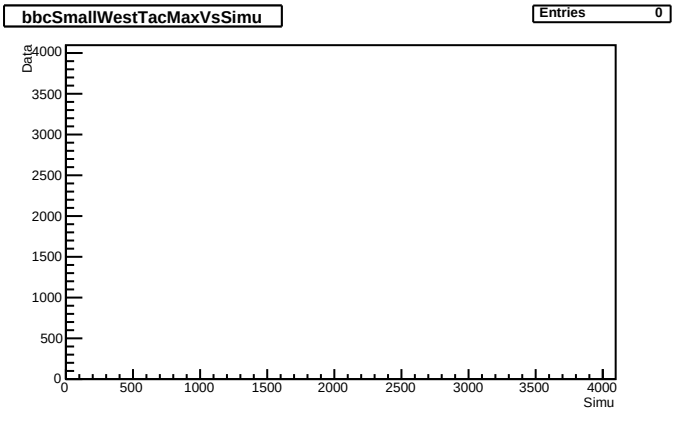
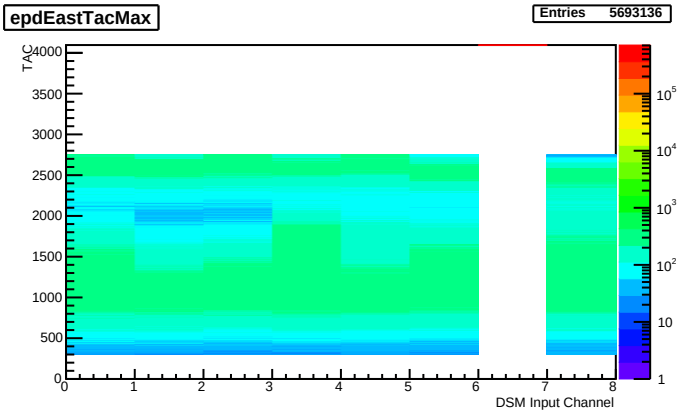
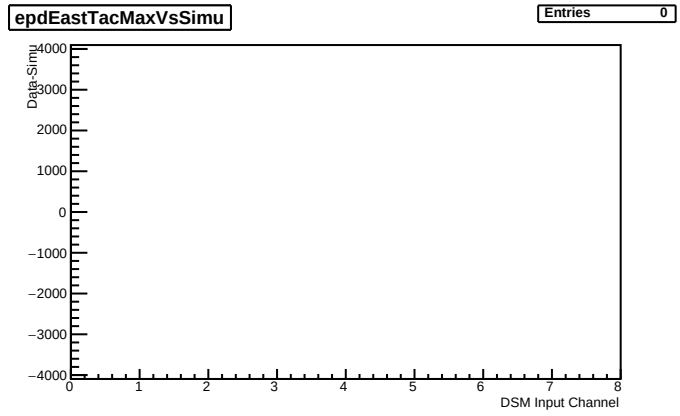
Entries 711642


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5693136
TAC
DSM Input Channel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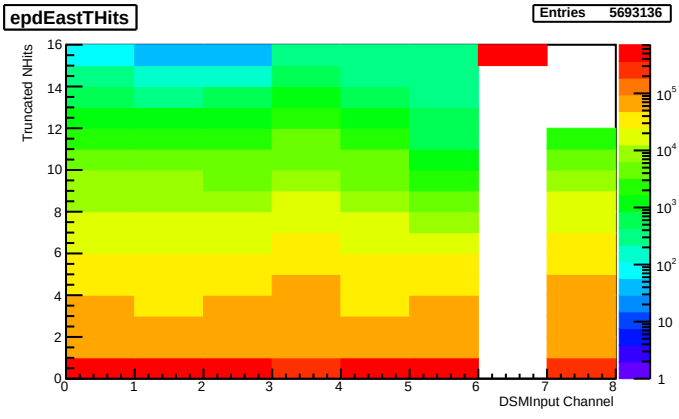
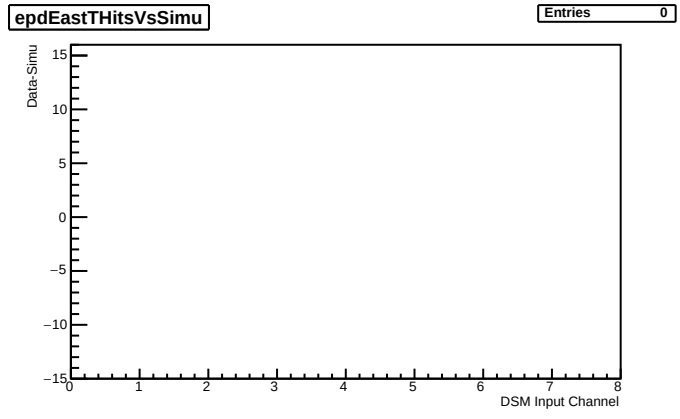
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5693136
Truncated NHits
DSMInput Channel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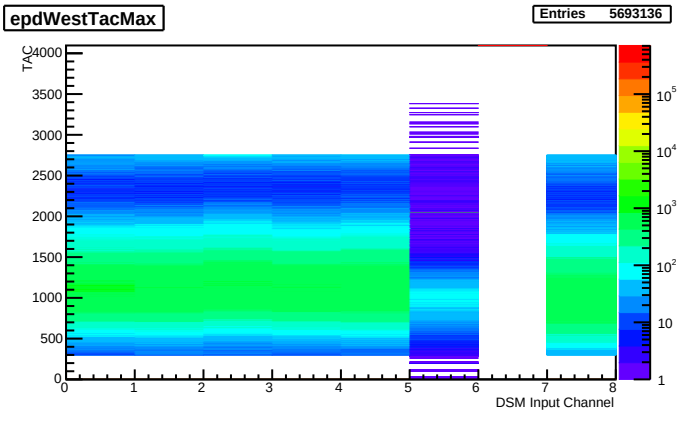
Data-Simu
DSM Input Channel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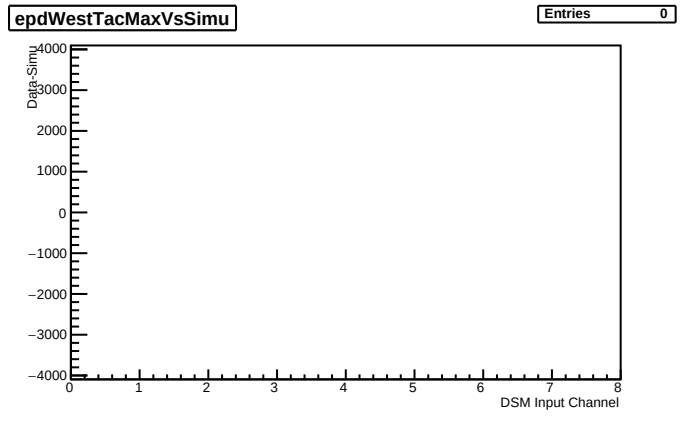
Entries 5693136
TAC
DSM Input Channel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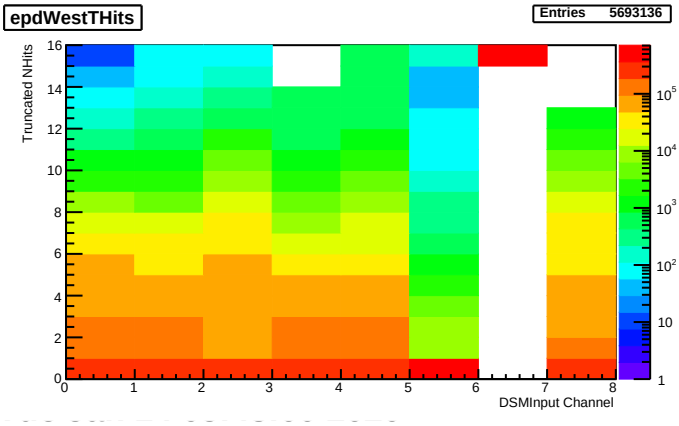
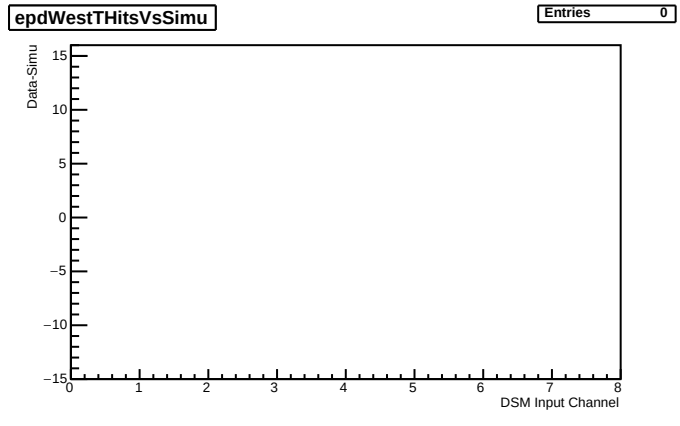
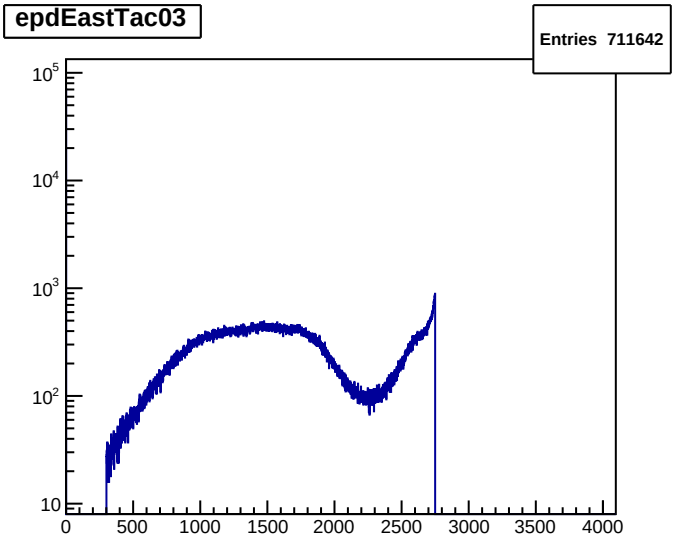
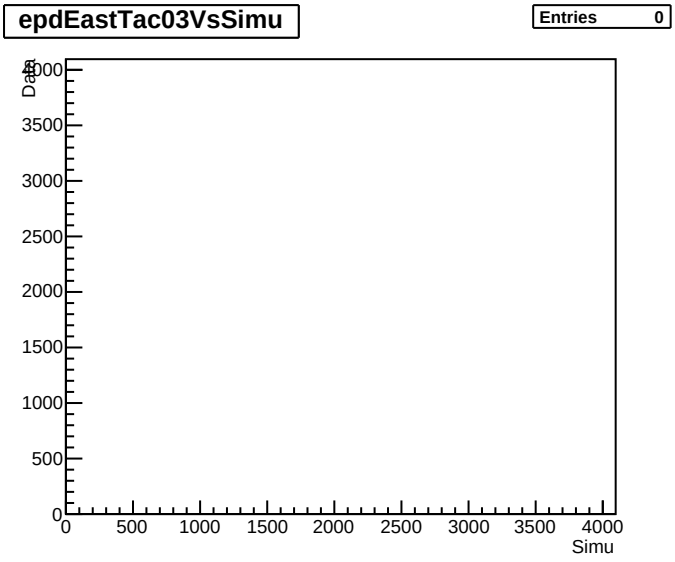
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5693136
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 711642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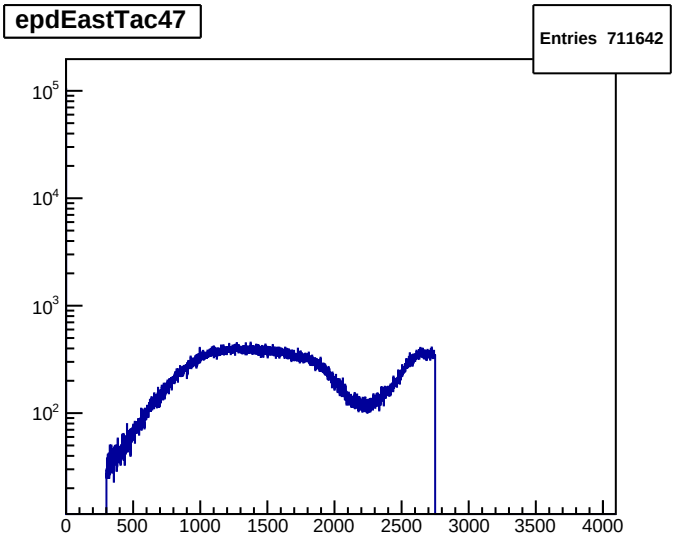
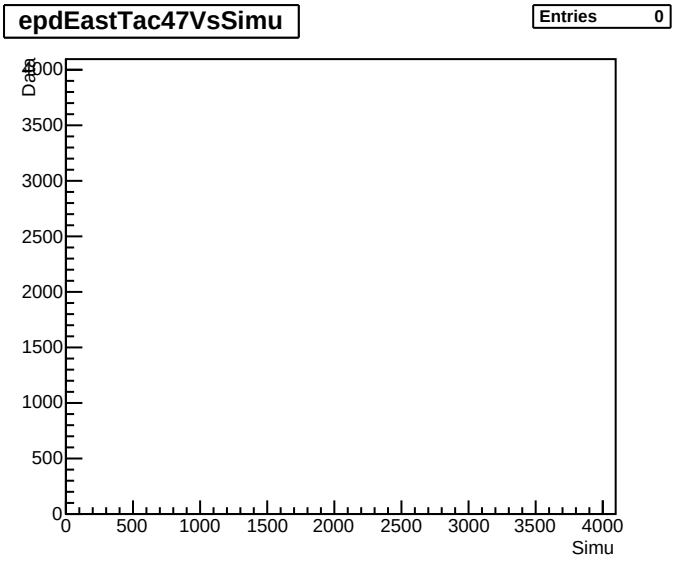
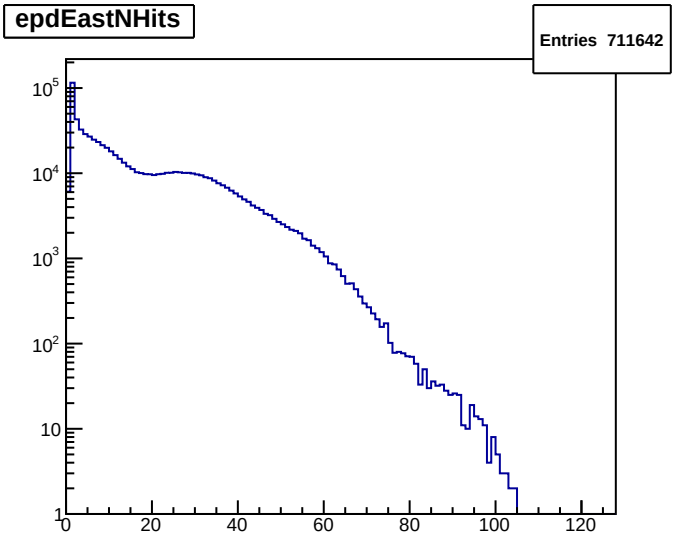
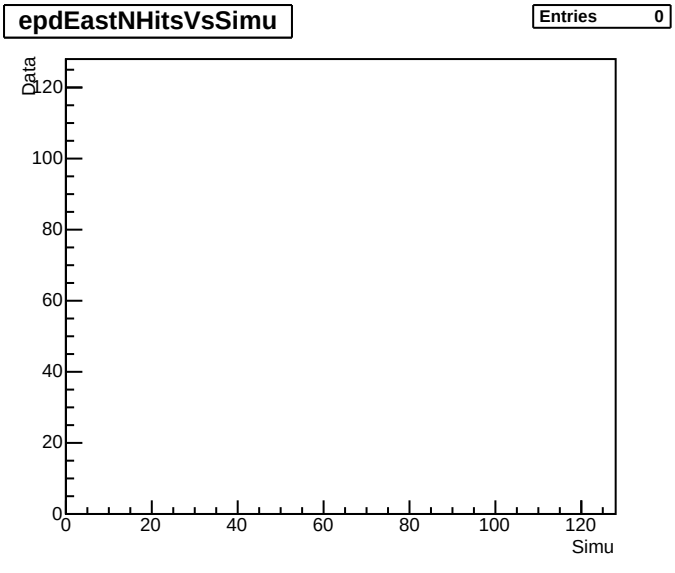
Entries 0
Data
Simu


epdEastTac47
Entries 711642


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 711642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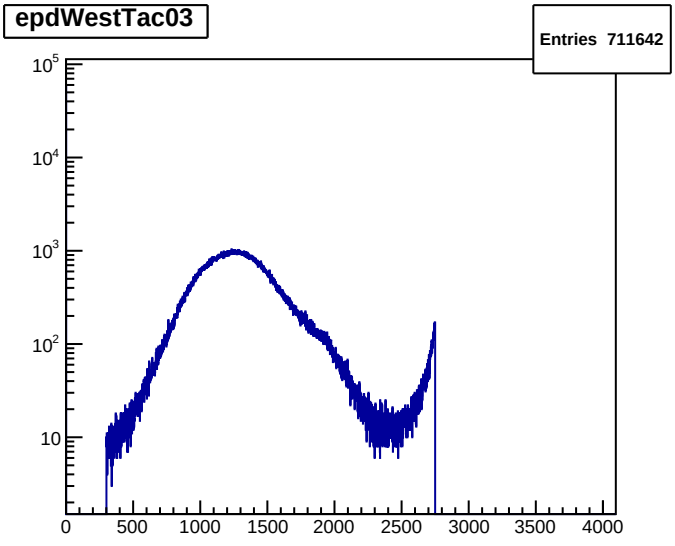
Entries 0
Data
Simu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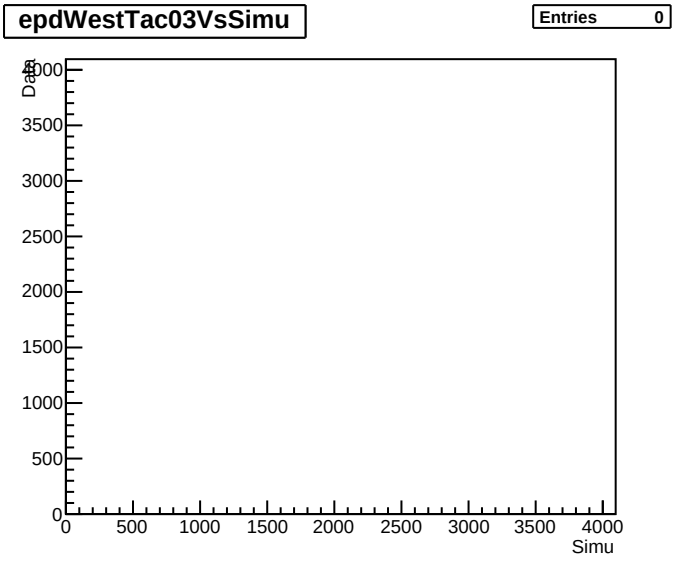
Entries 711642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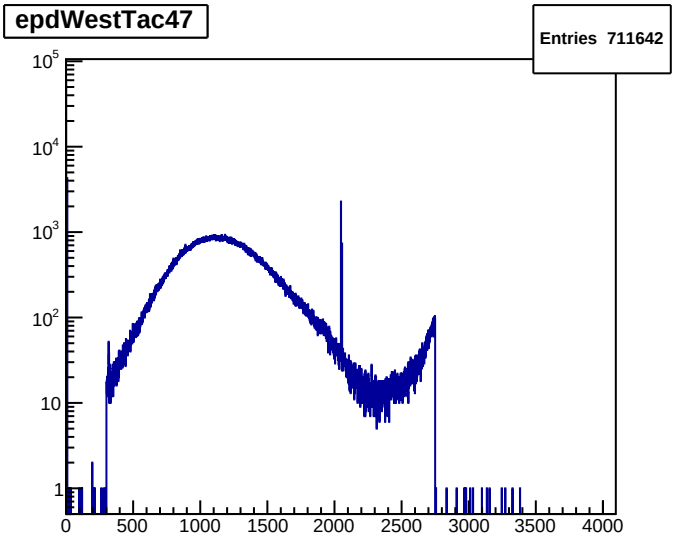
Entries 0
Data
Simu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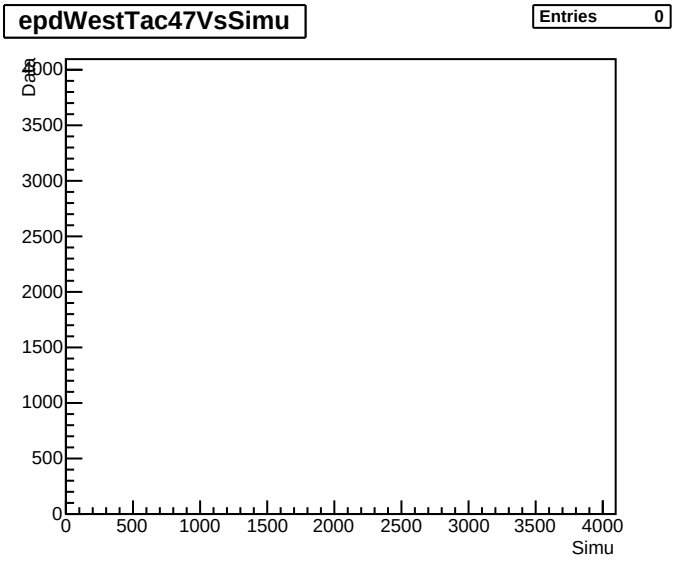
Entries 711642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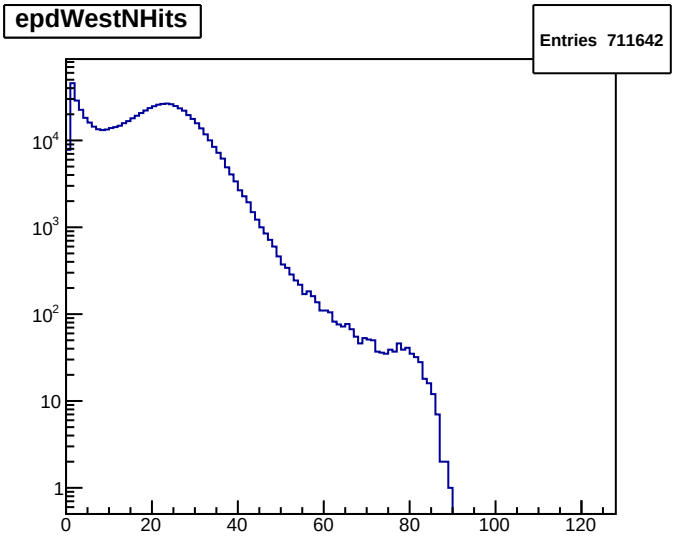
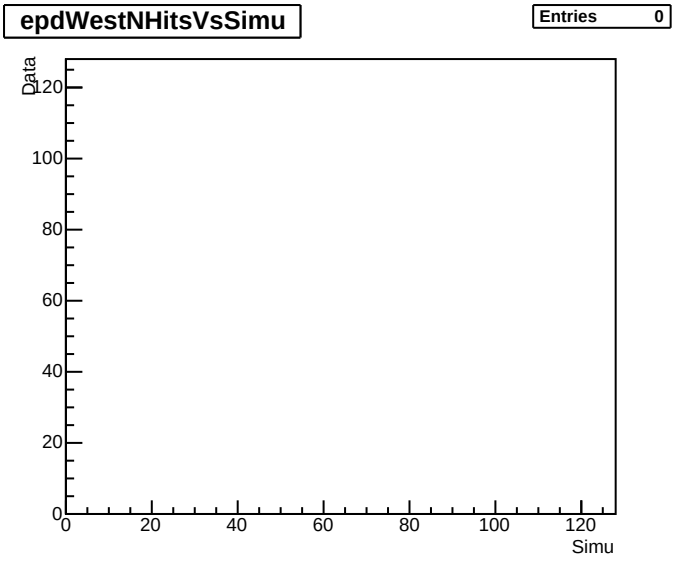
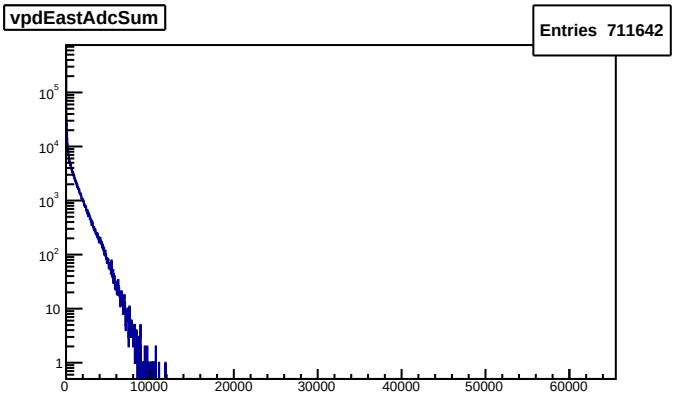
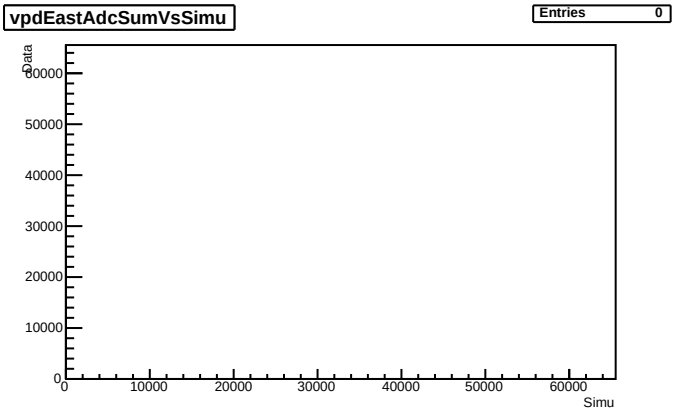
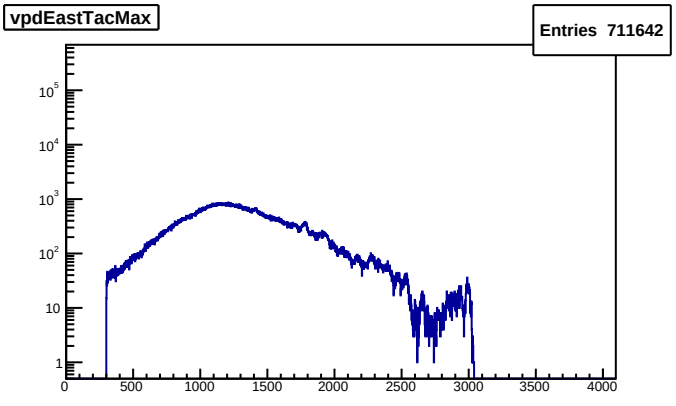
Data
Simu

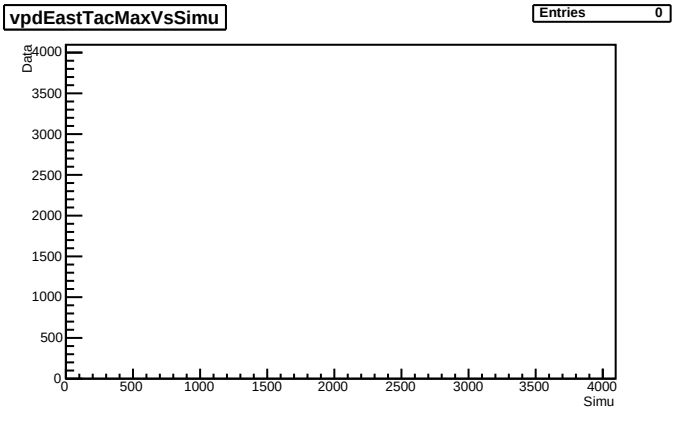

epdWestNHits
Entries 711642


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 711642


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 711642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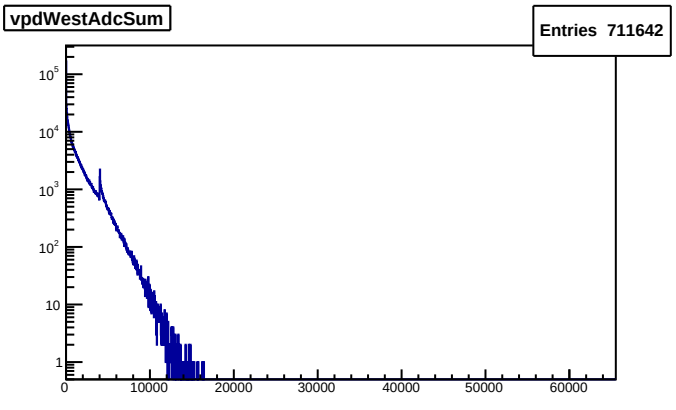
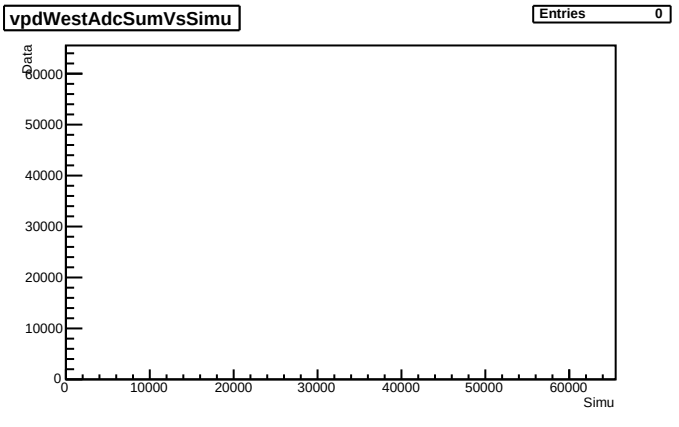
Entries 0
Data
Simu


vpdWestAdcSum
Entries 711642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Entries 0
Data
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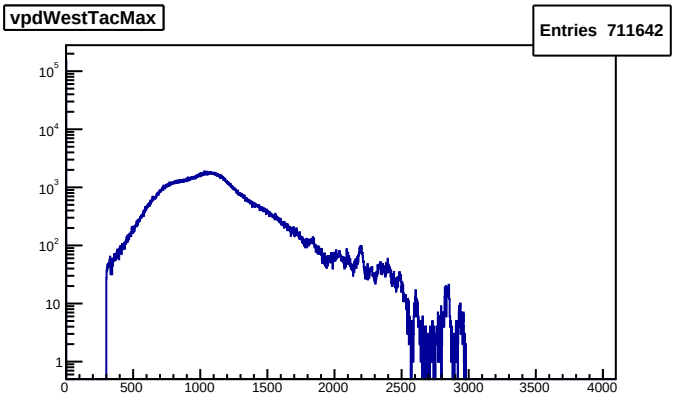
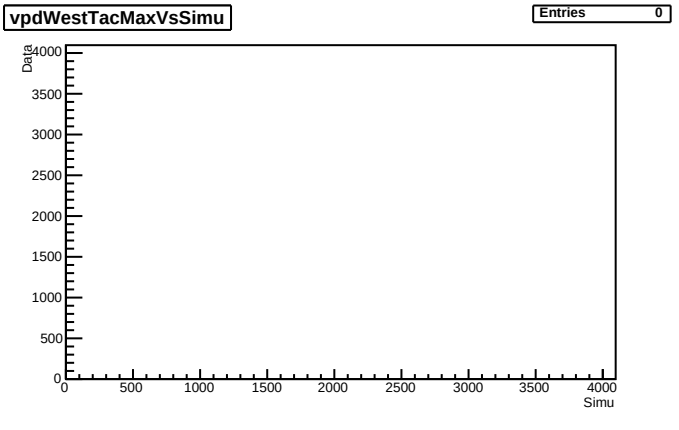
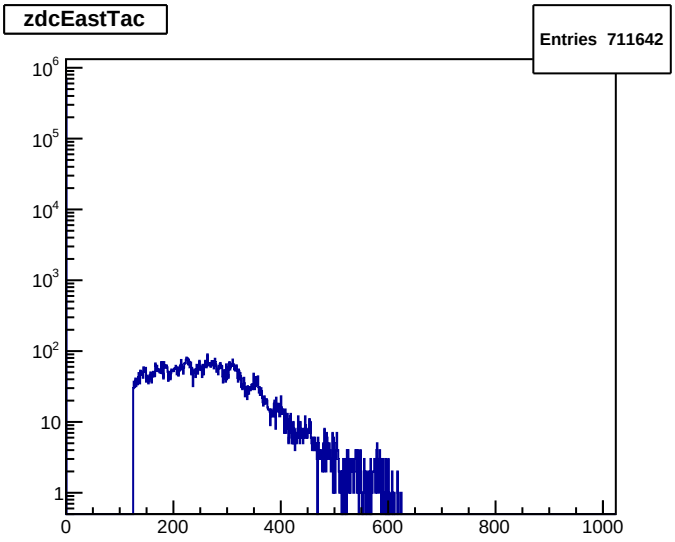
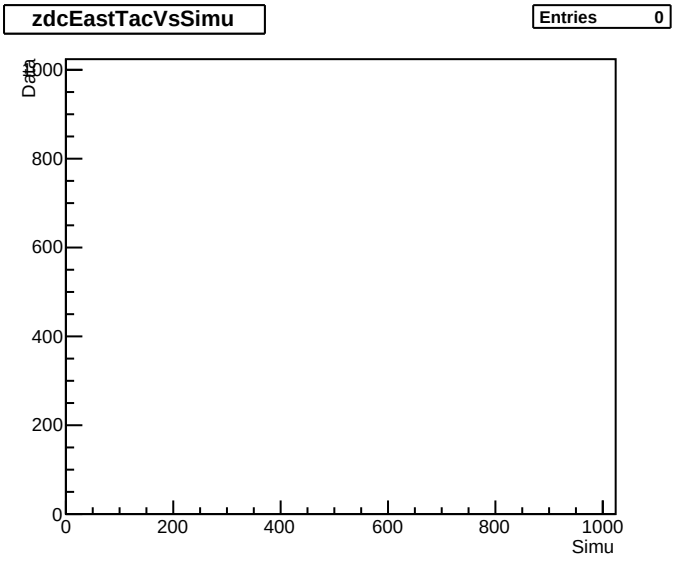
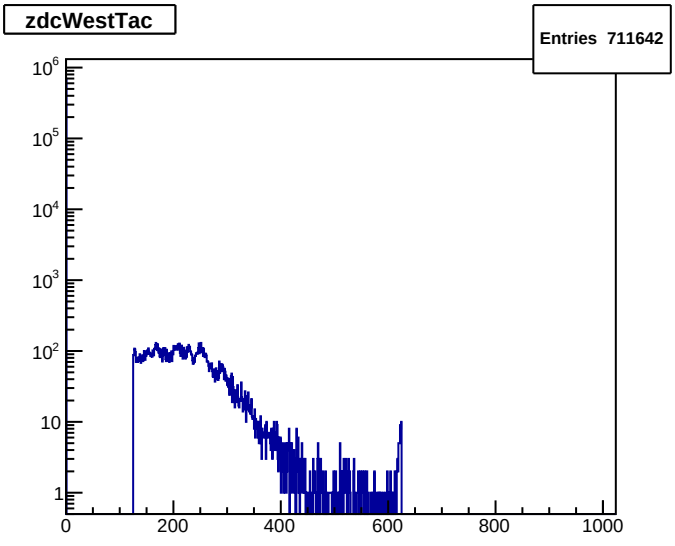
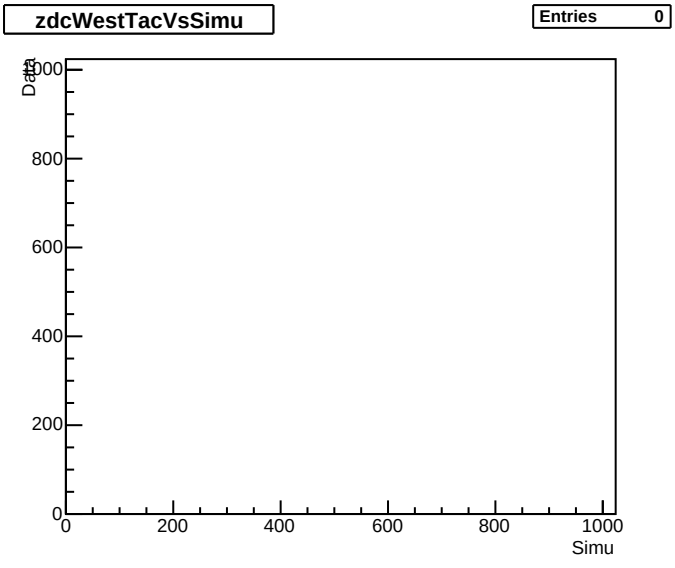

vpdWestTacMax
Entries 711642

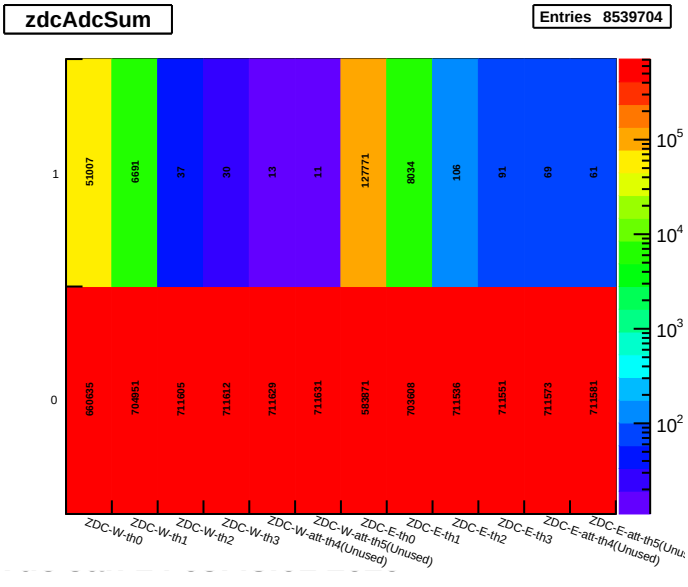

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

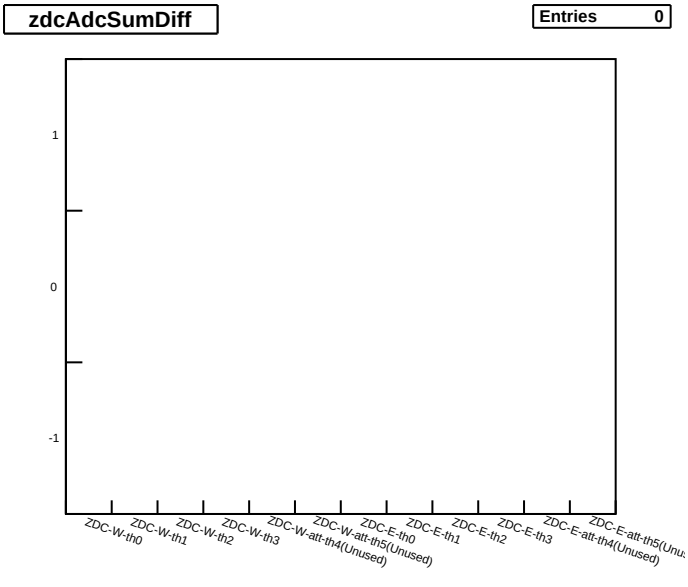

zdcEastTac
Entries 711642

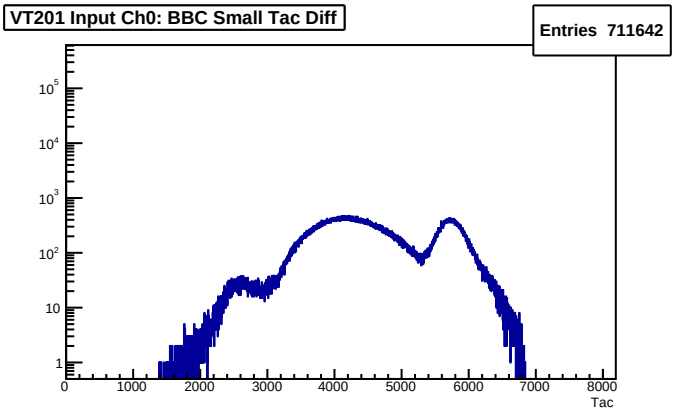

zdcEastTacVsSimu
Entries 0
Data
Simu

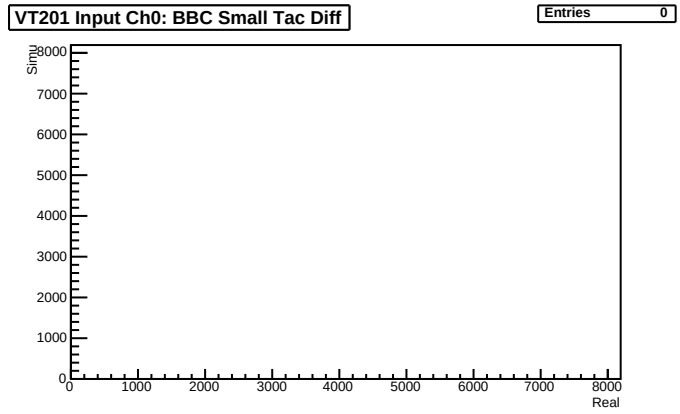

zdcWestTac
Entries 711642

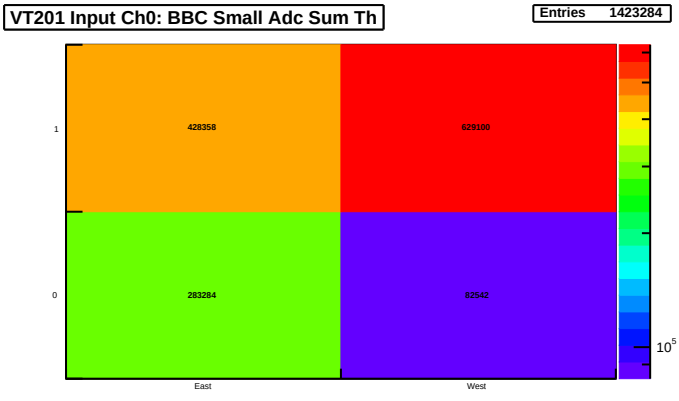

zdcWestTacVsSimu
Entries 0
Data
Simu

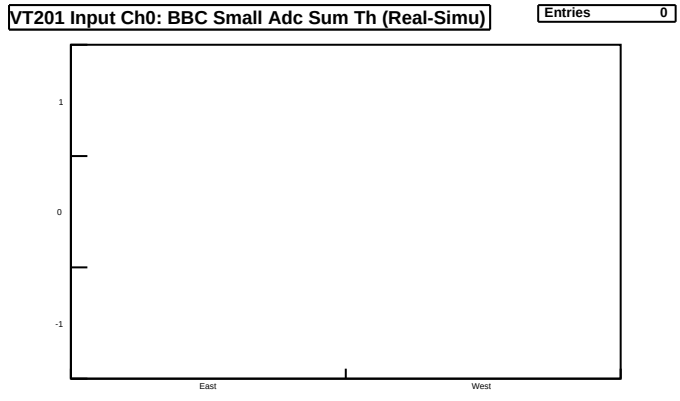

zdcAdcSum
Entries 8539704
51007
6691
37
30
13
11
127771
8034
106
91
69
61
660635
704851
711605
711612
711629
711631
583871
703608
711536
711551
711573
711581
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

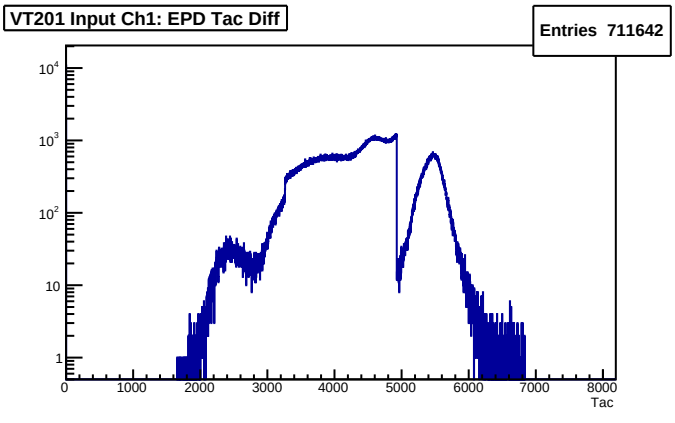

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

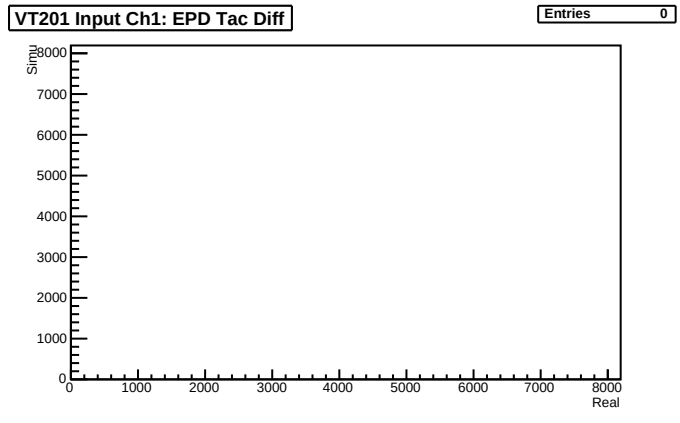

VT201 Input Ch0: BBC Small Tac Diff
Entries 711642
Tac

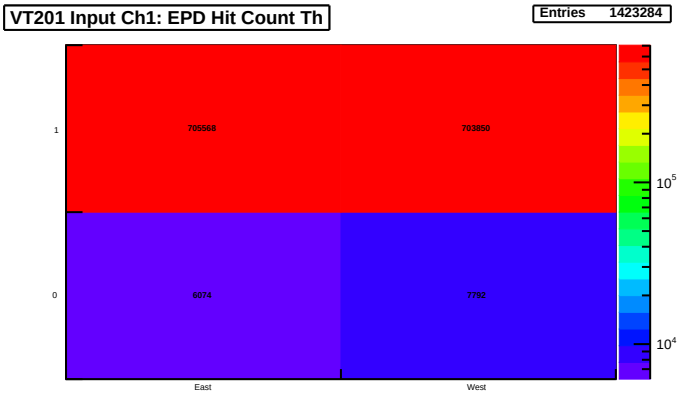

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

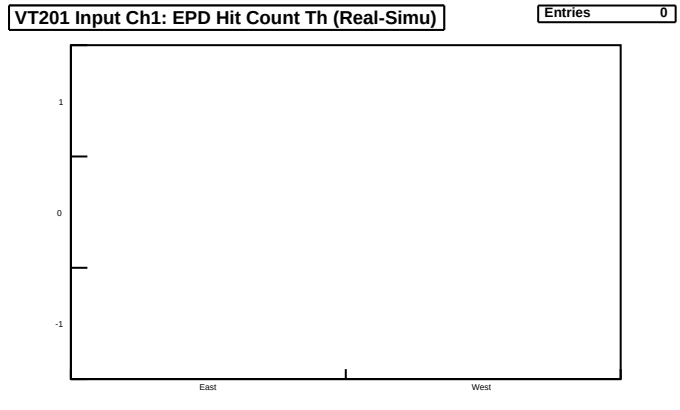

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1423284
428358
629100
283284
82542
East
West

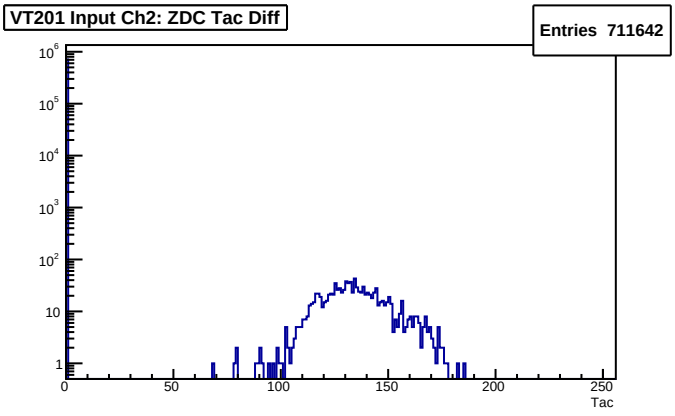

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

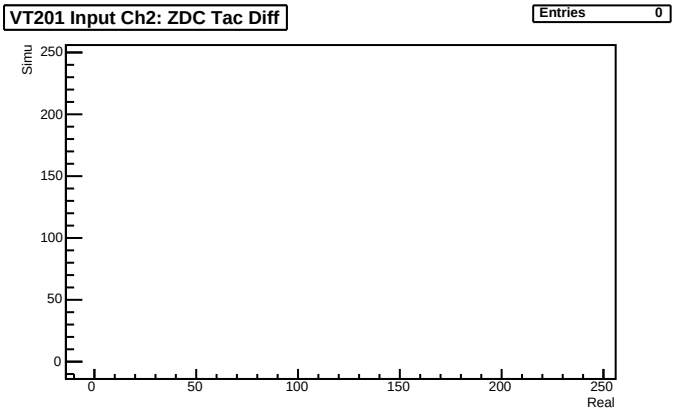

VT201 Input Ch1: EPD Tac Diff
Entries 711642
Tac

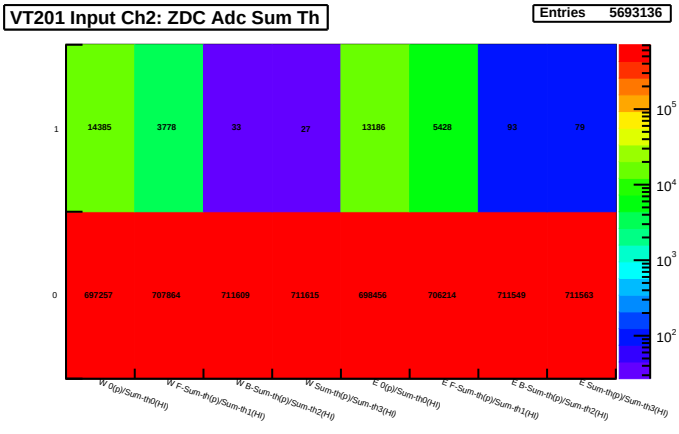

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

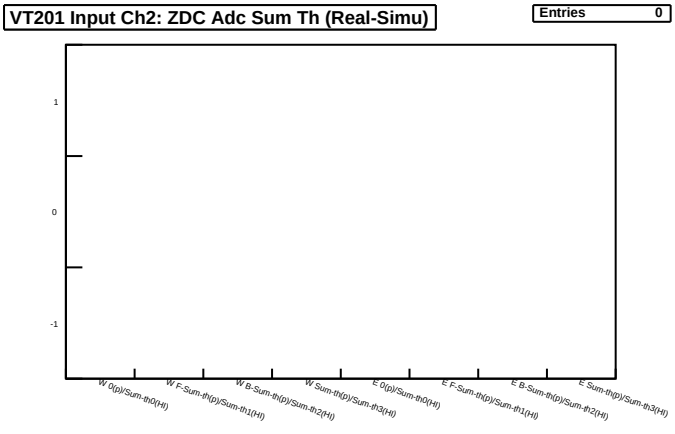

VT201 Input Ch1: EPD Hit Count Th
Entries 1423284
705568
703850
6074
7792
East
West

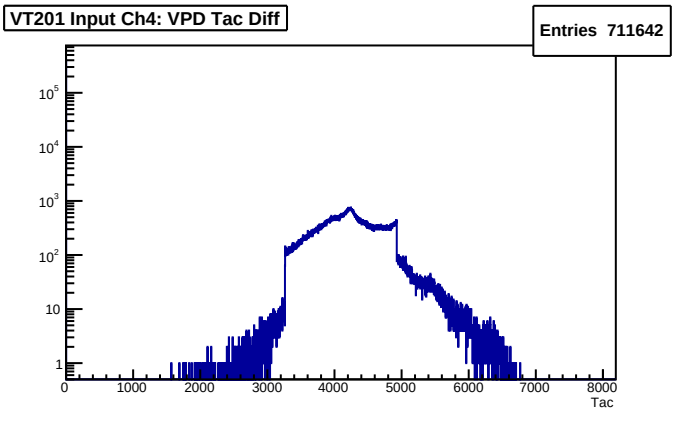

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

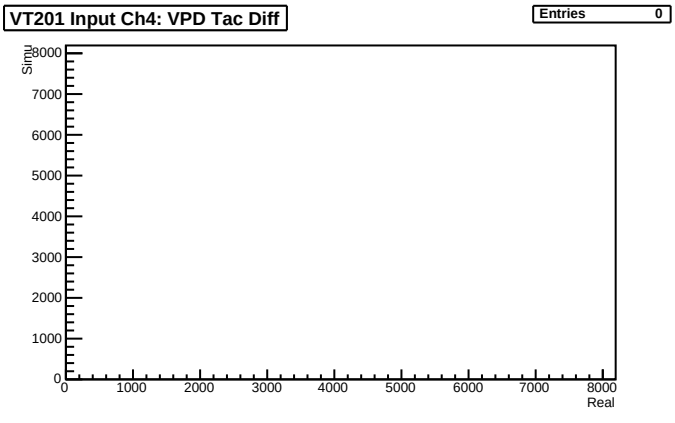

VT201 Input Ch2: ZDC Tac Diff
Entries 711642
Tac

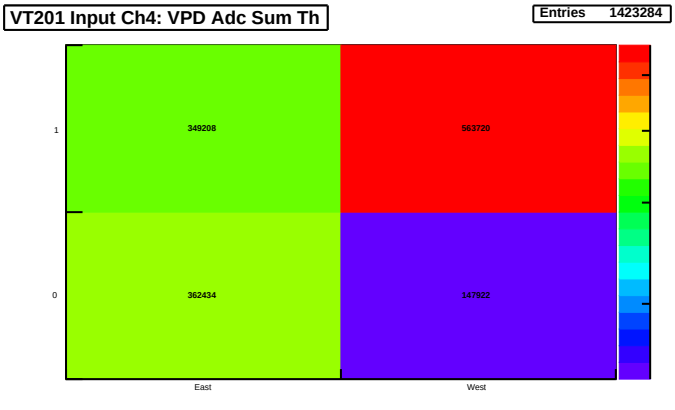

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

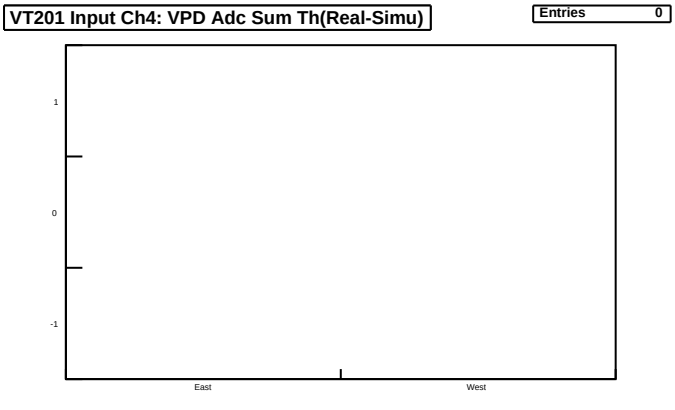

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5693136
14385
3778
33
27
13186
5428
93
79
697257
707864
711609
711615
698456
706214
711549
711563
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

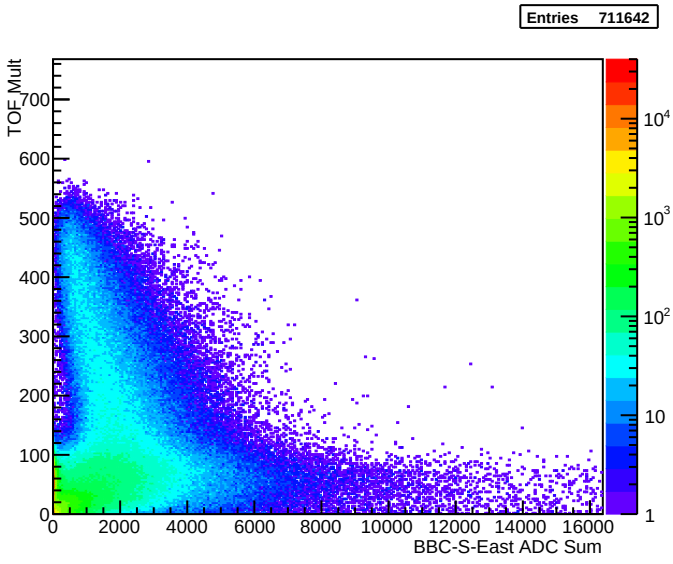

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

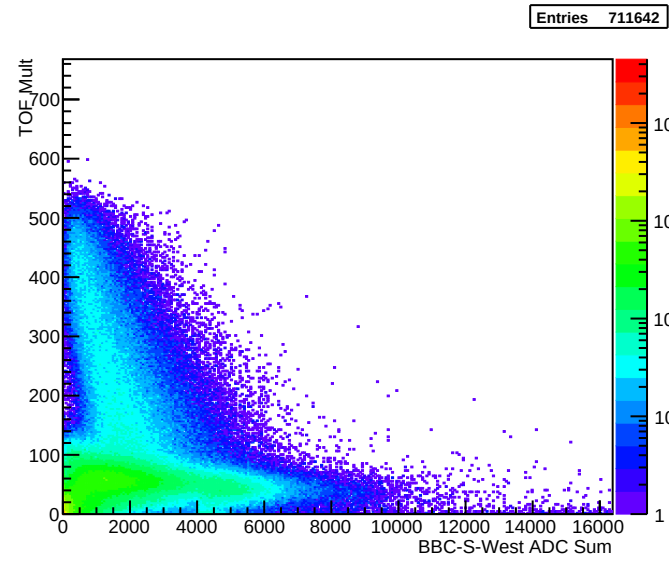

VT201 Input Ch4: VPD Tac Diff
Entries 711642
Tac

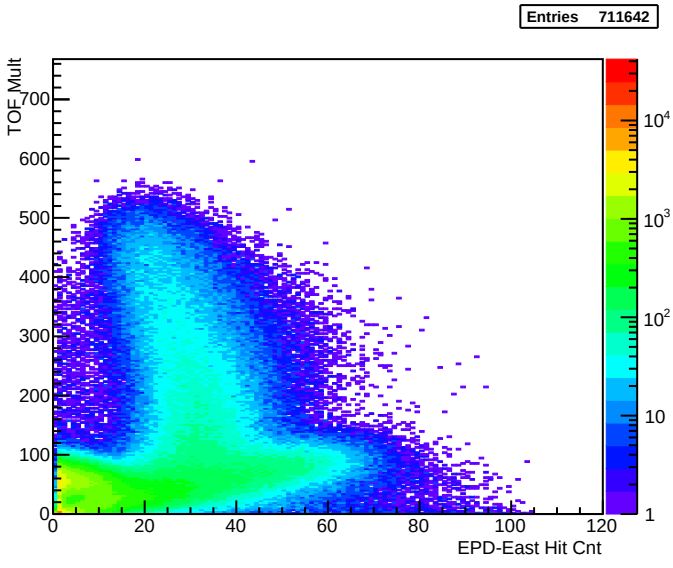

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

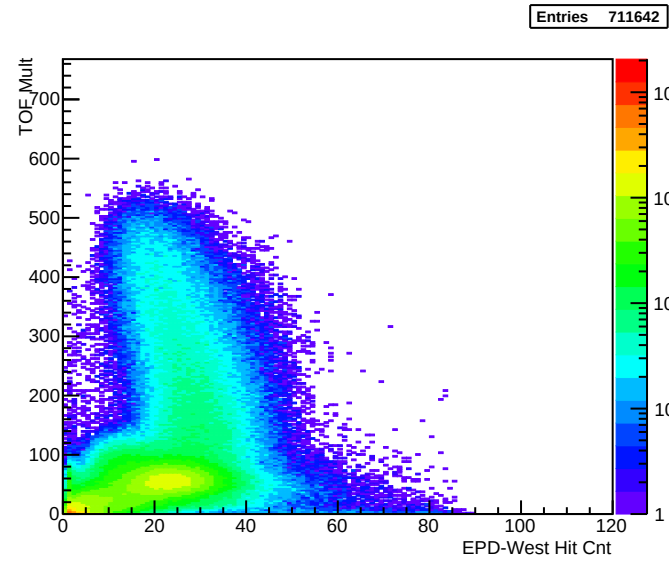

VT201 Input Ch4: VPD Adc Sum Th
Entries 1423284
349208
563720
362434
147922
East
West

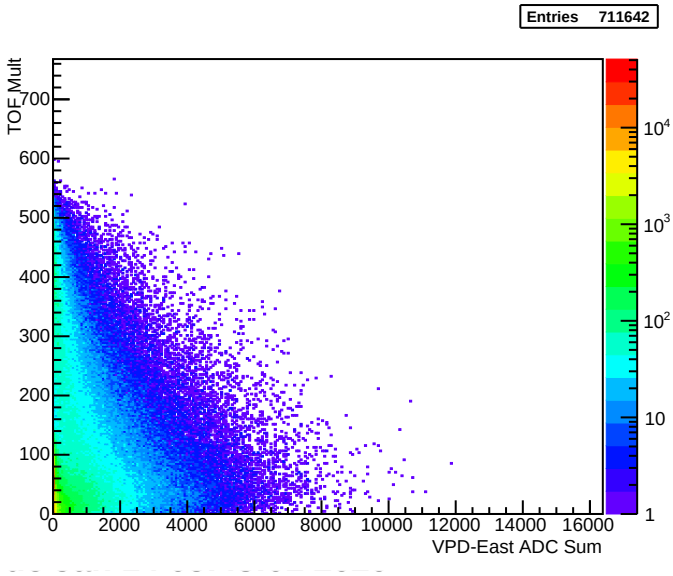

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

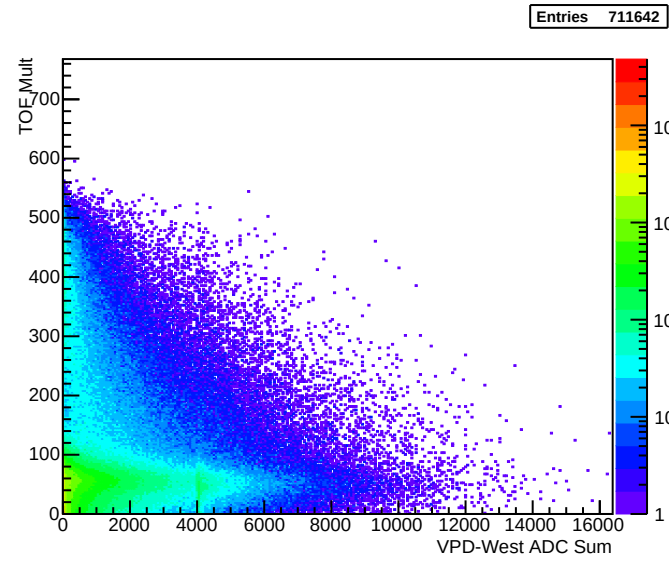

Entries 711642
TOF_Mult
BBC-S-East ADC Sum

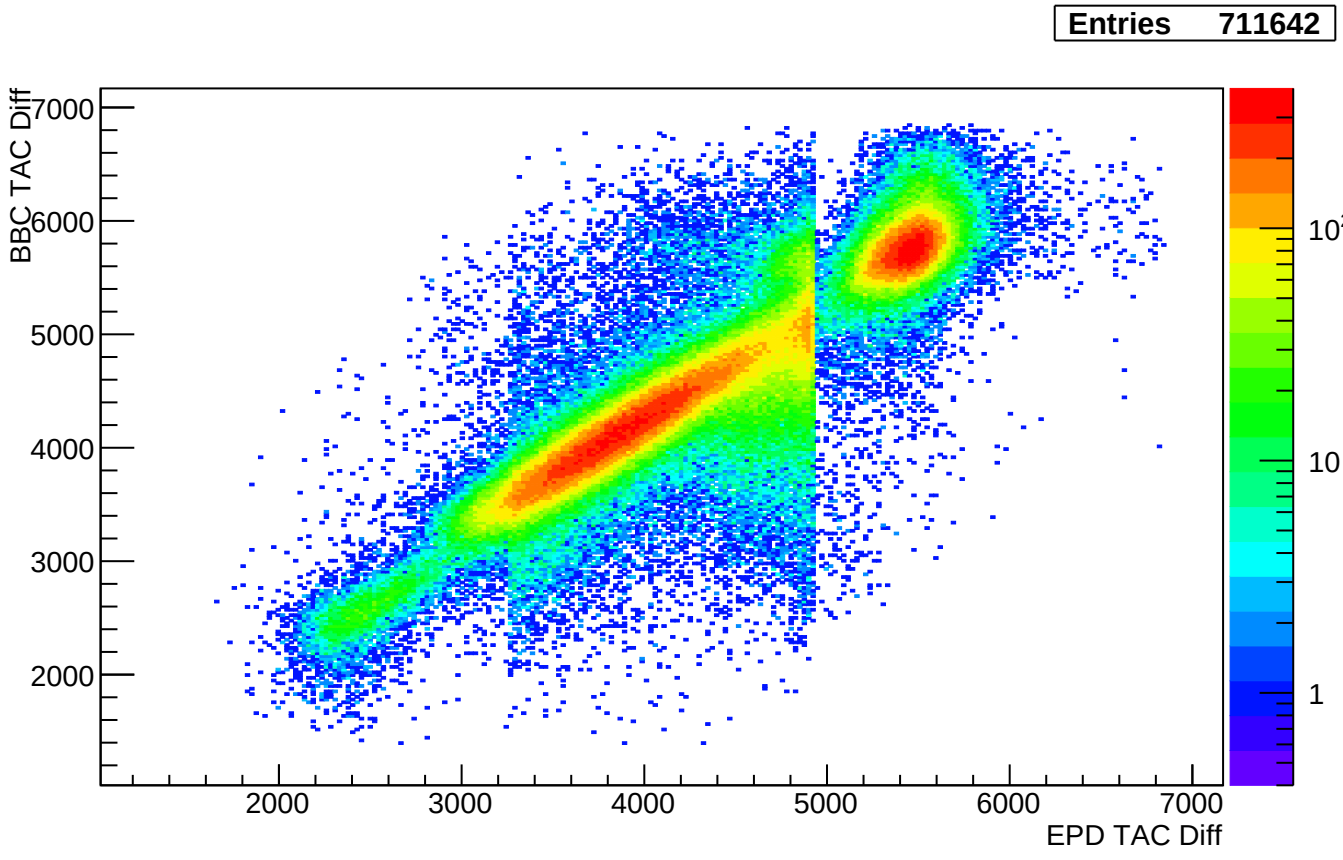

Entries 711642
TOF_Mult
BBC-S-West ADC Sum

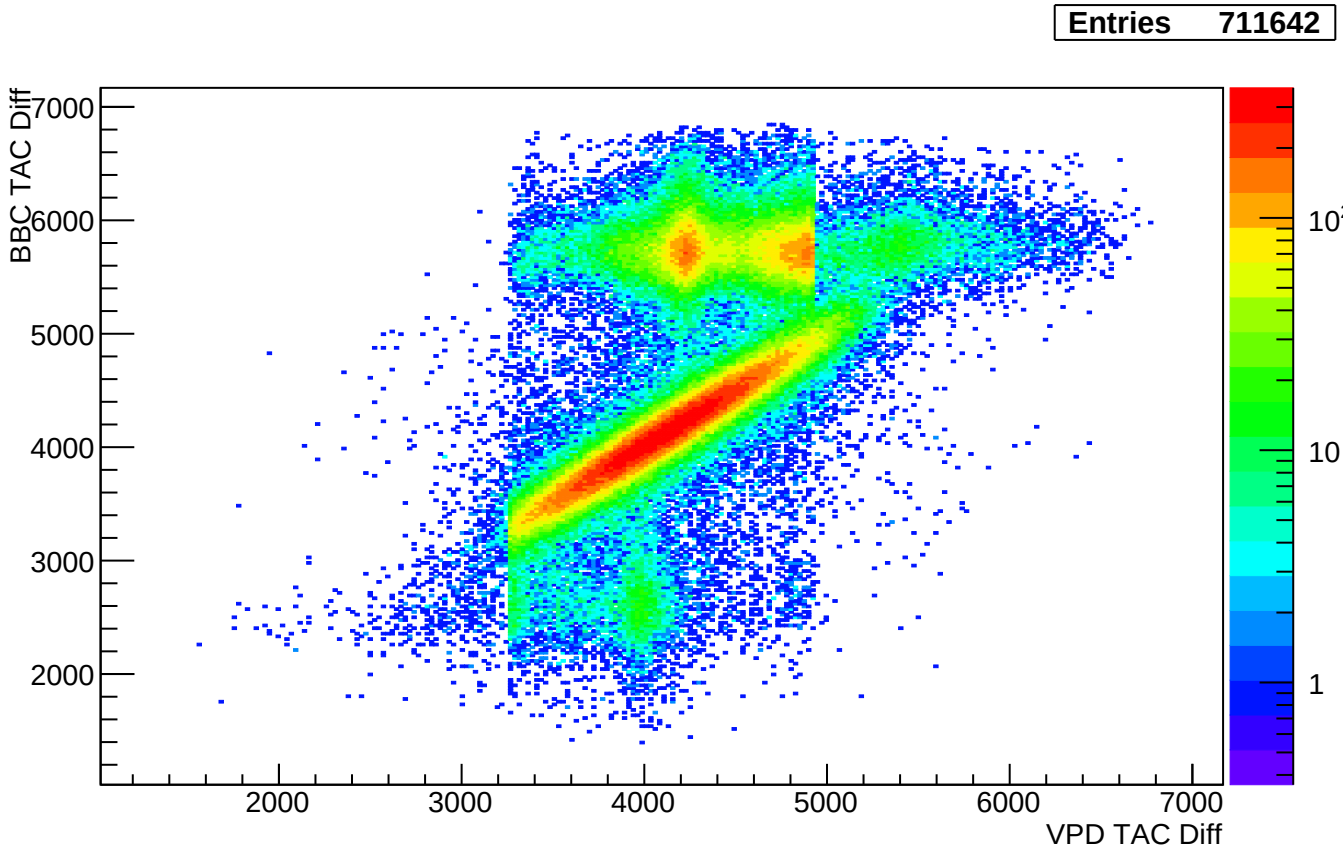

Entries 711642
TOF_Mult
EPD-East Hit Cnt

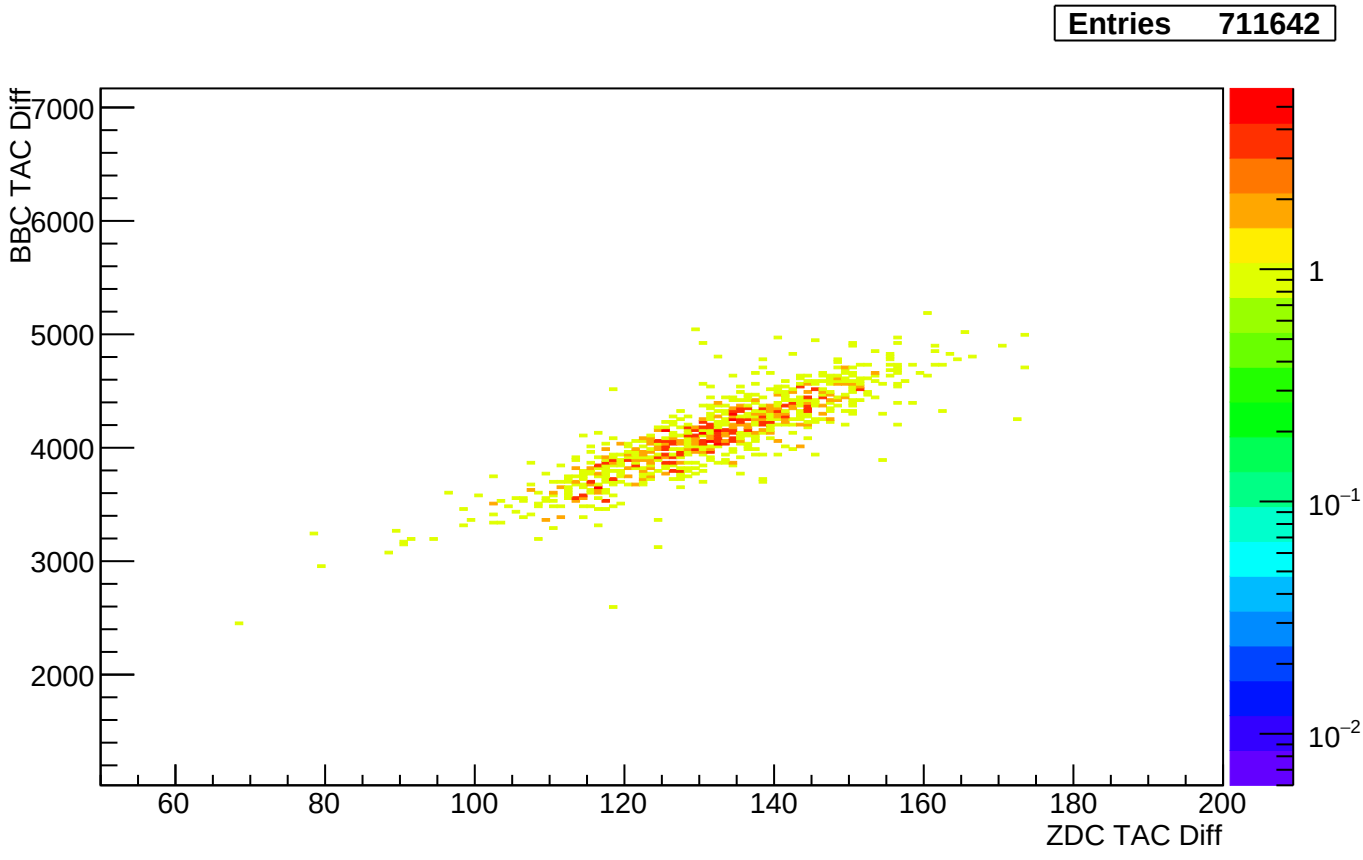

Entries 711642
TOF_Mult
EPD-West Hit Cnt

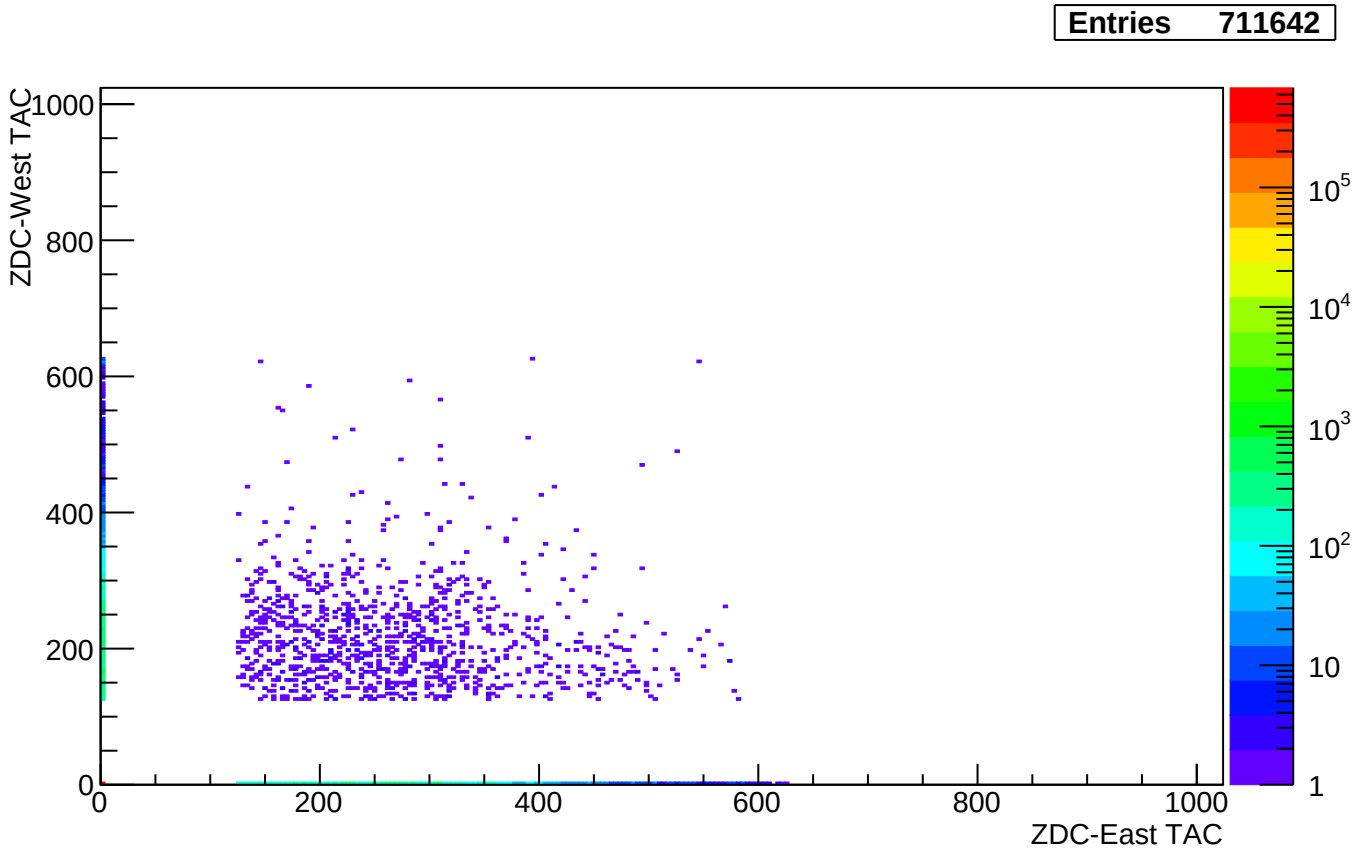

Entries 711642
TOF_Mult
VPD-East ADC Sum

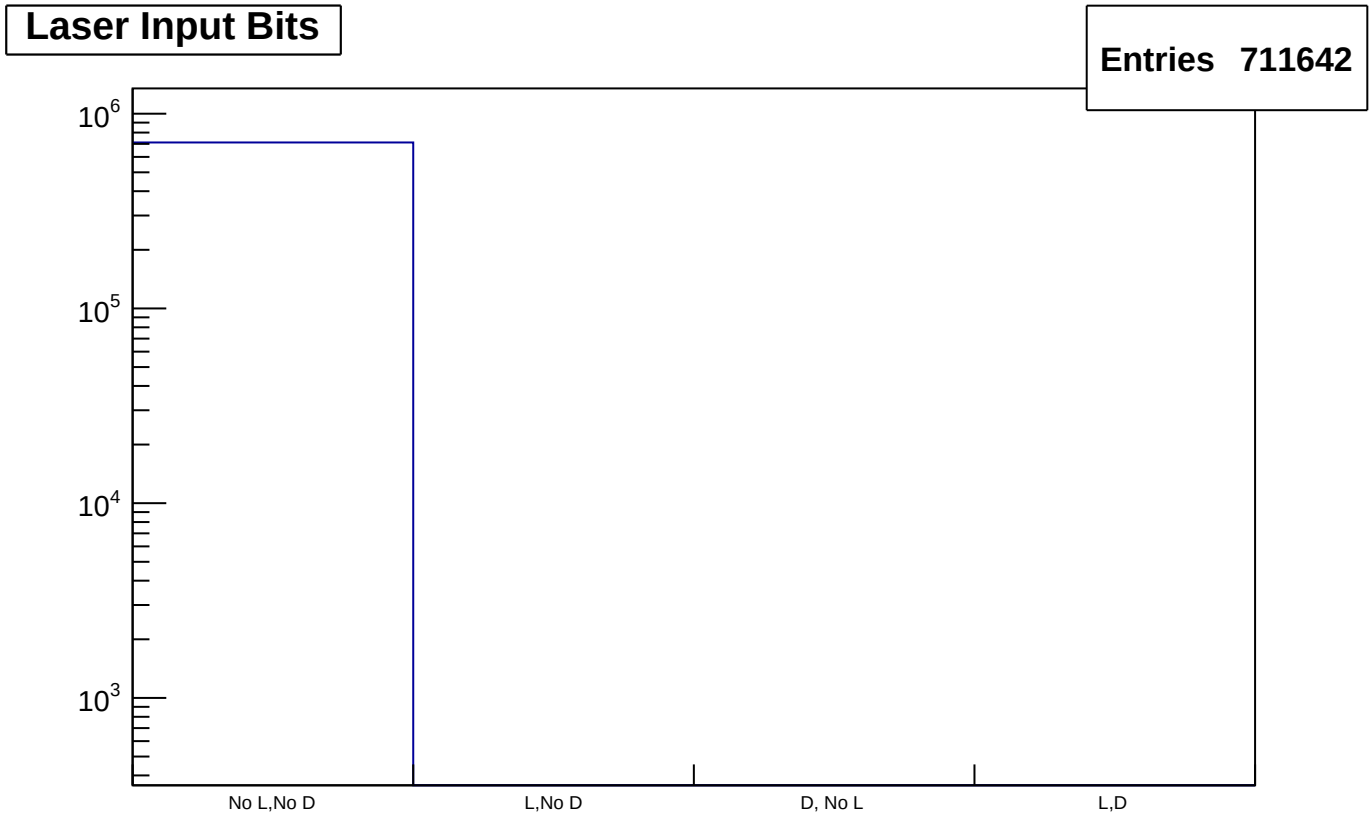

Entries 711642
TOF_Mult
VPD-West ADC Sum

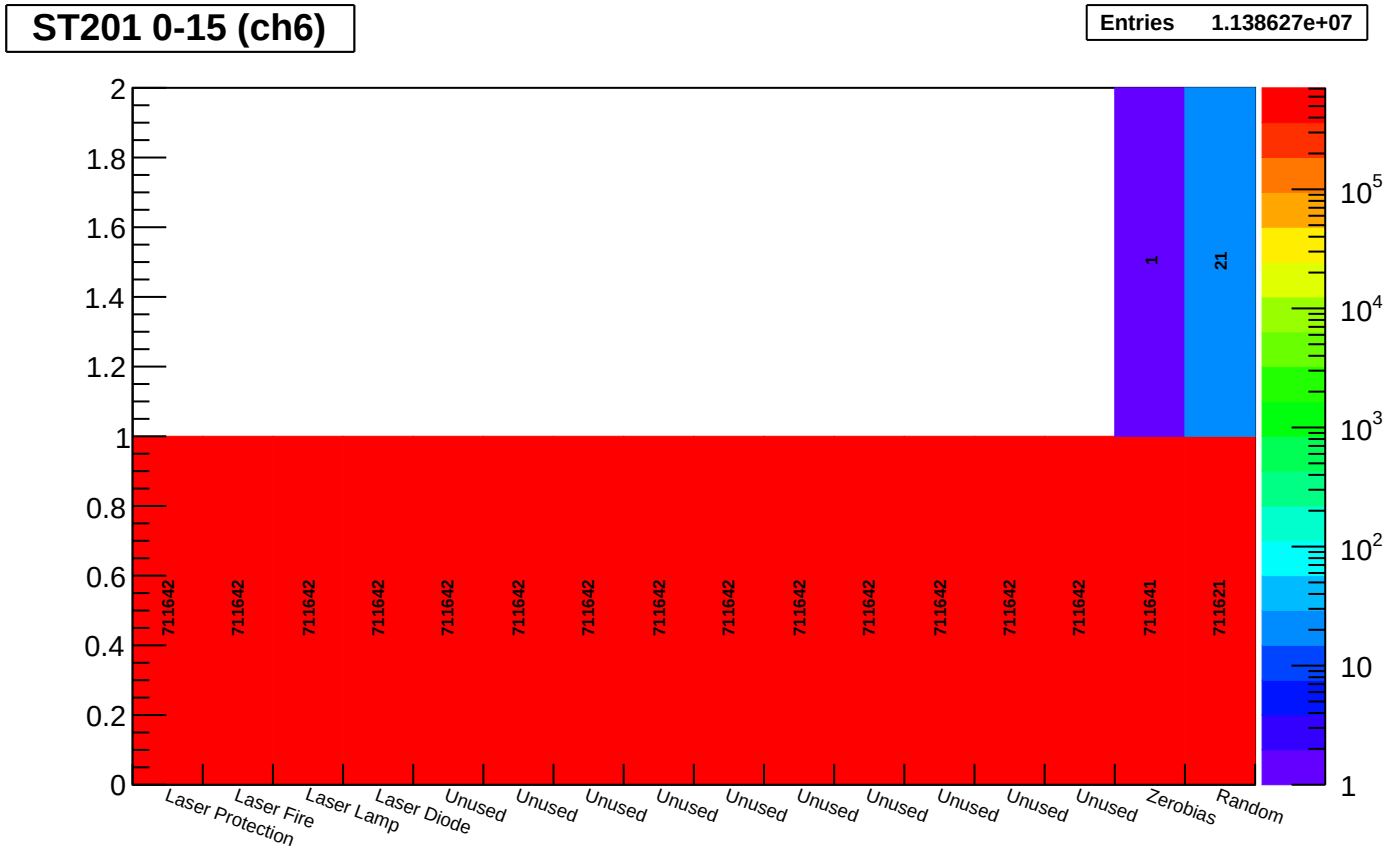

Entries 711642
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

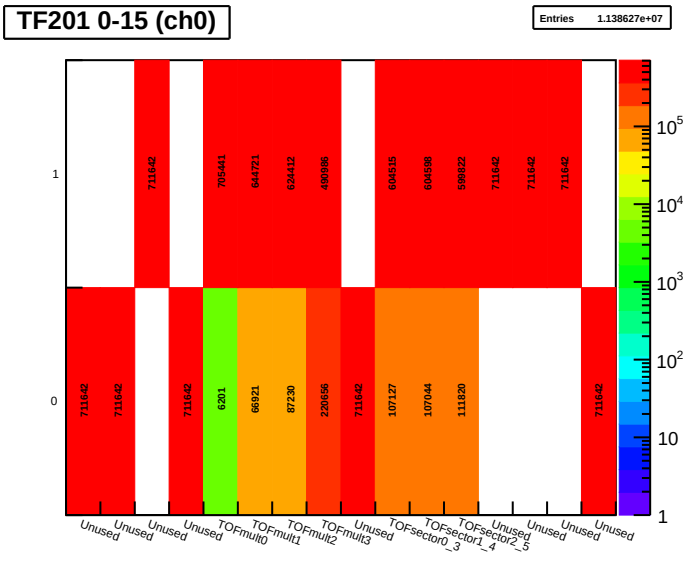

Entries 711642
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

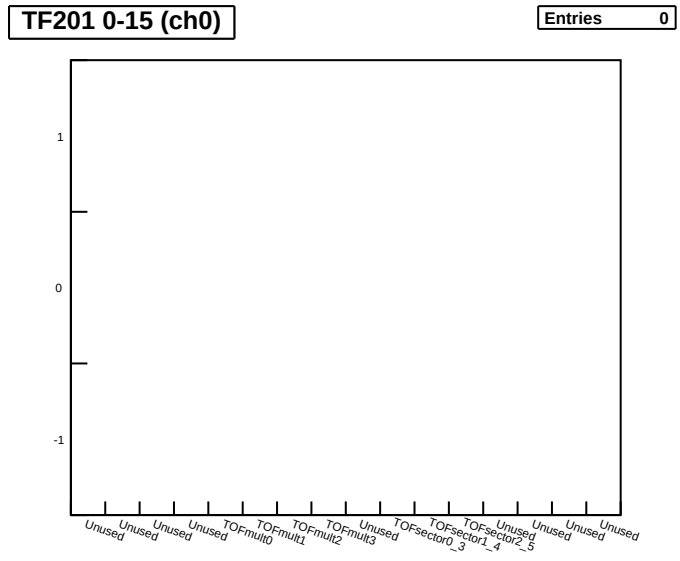

Entries 711642
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

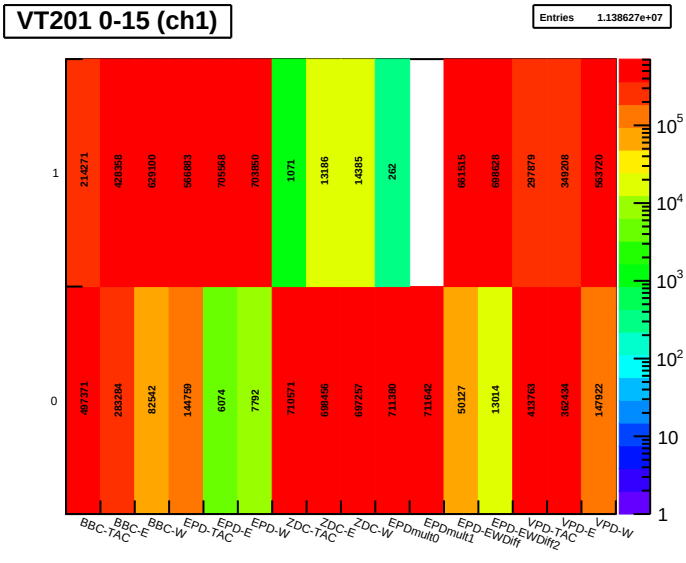

Entries 711642
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

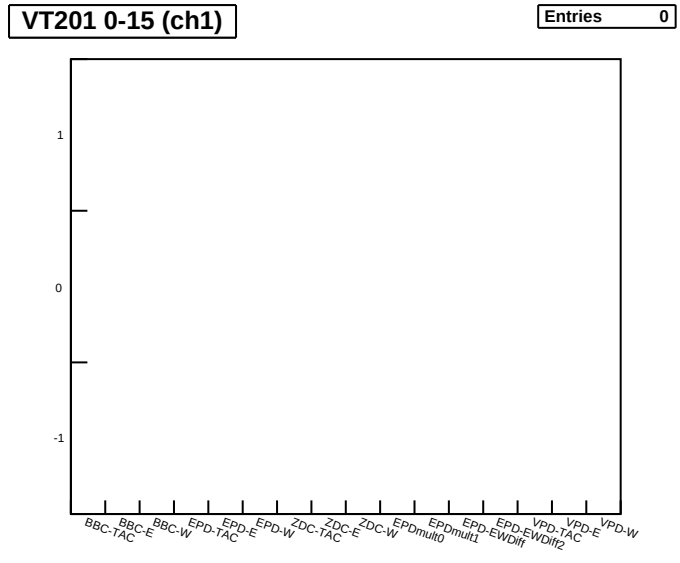

Laser Input Bits
Entries 711642
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

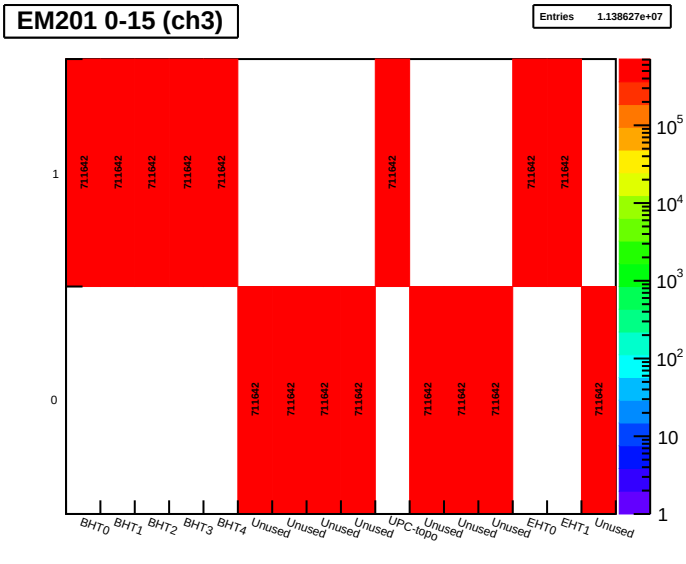

ST201 0-15 (ch6)
Entries 1.138627e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
711642
711642
711642
711642
711642
711642
711642
711642
711642
711642
711642
711642
711642
711642
711641
711621
1
21
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

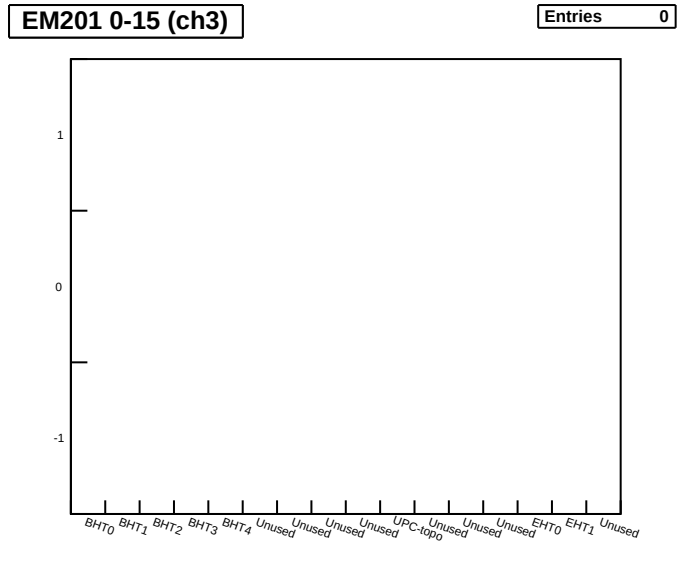

TF201 0-15 (ch0)
Entries 1.138627e+07
1
0
711642 705441 644721 624412 490986 604515 604598 599822 711642 711642 711642
711642 711642 711642 6201 66921 87230 220656 711642 107127 107044 111820 711642
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 1.138627e+07
1
0
214271 428358 629100 566883 705568 703850 1071 13186 14385 262 661515 698628 297879 349208 563720
497371 283284 82542 144759 6074 7792 710571 698456 697257 711380 711642 50127 13014 413763 362434 147922
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 1.138627e+07
1
0
711642 711642 711642 711642 711642 711642 711642 711642
711642 711642 711642 711642 711642 711642 711642 711642
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