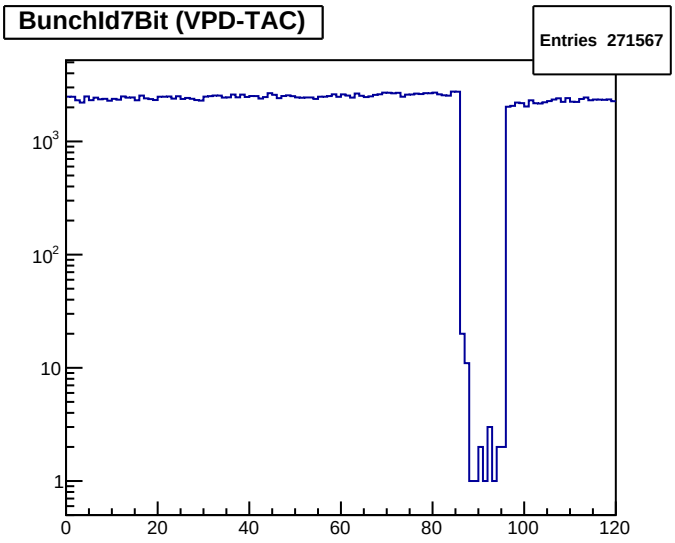
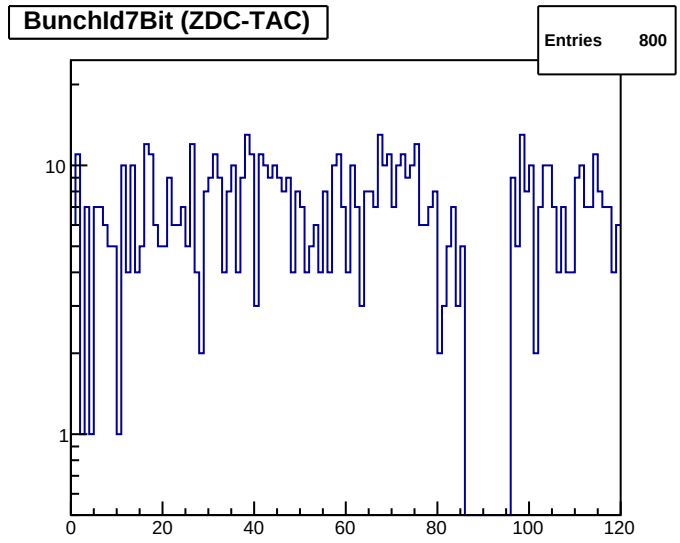
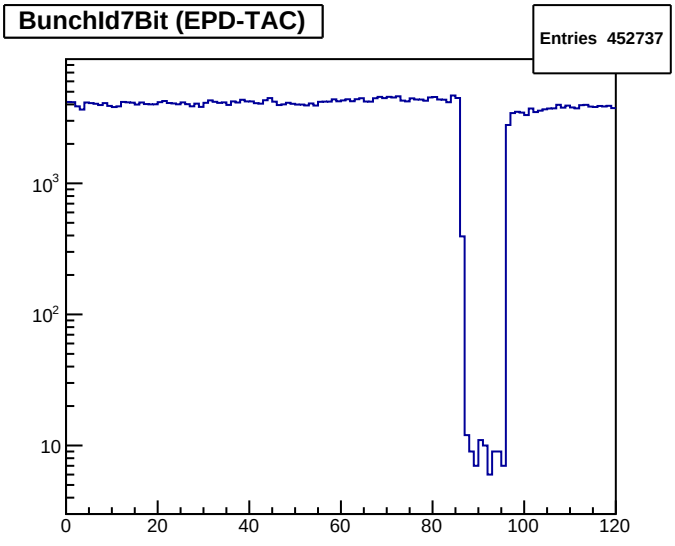
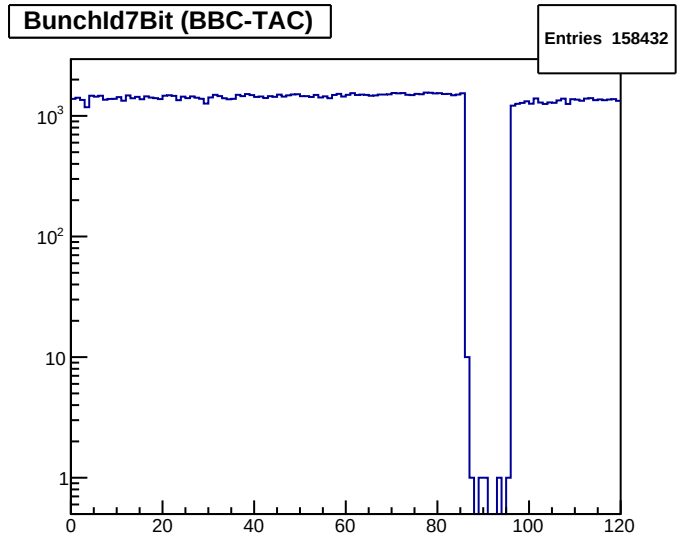
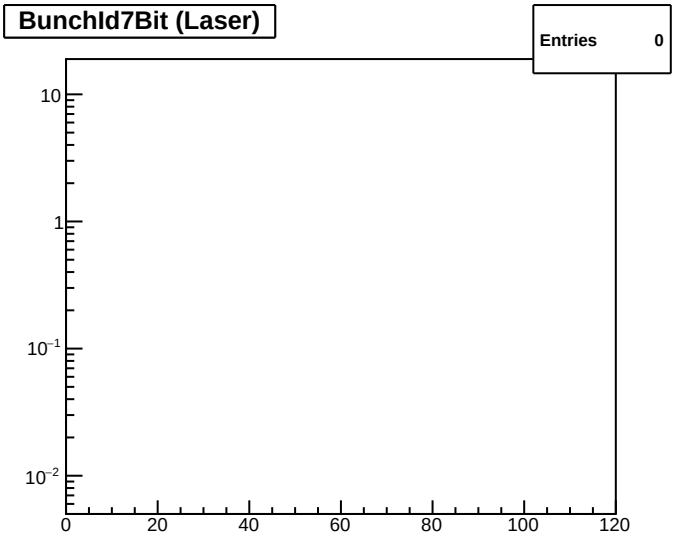
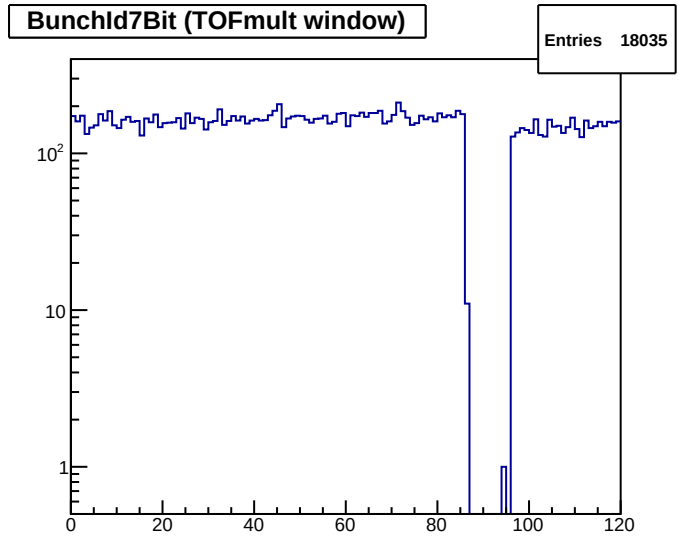

BunchId7Bit (VPD-TAC)
Entries 271567

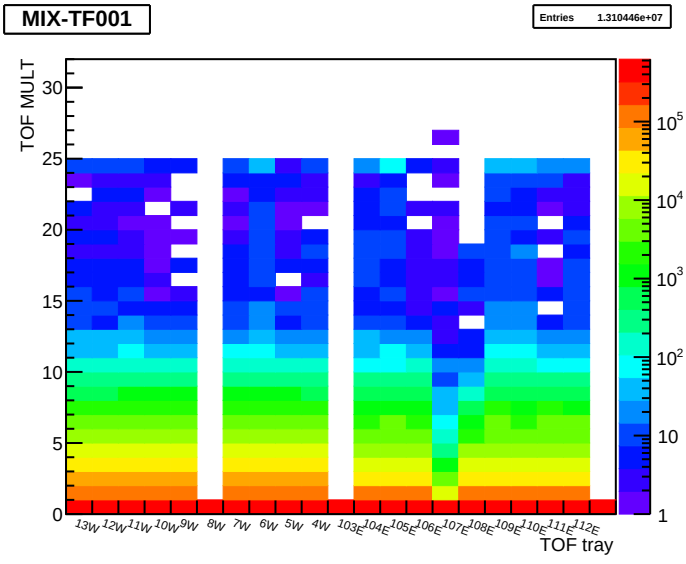

BunchId7Bit (ZDC-TAC)
Entries 800

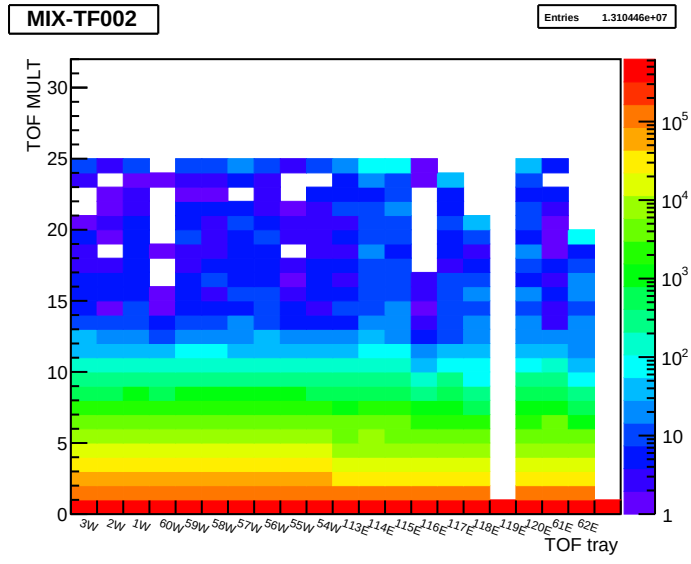

BunchId7Bit (EPD-TAC)
Entries 452737

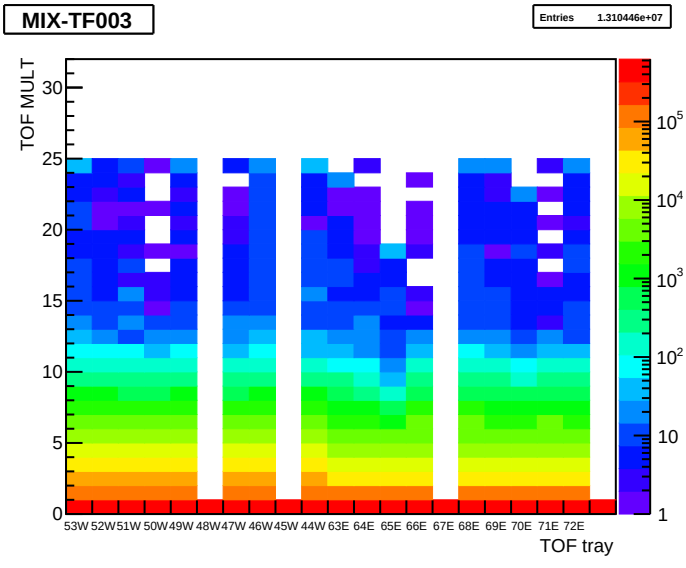

BunchId7Bit (BBC-TAC)
Entries 158432

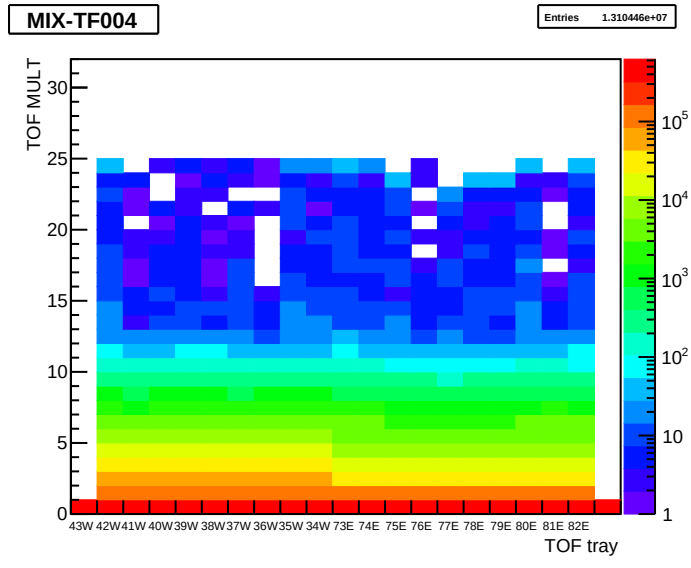

BunchId7Bit (Laser)
Entries 0

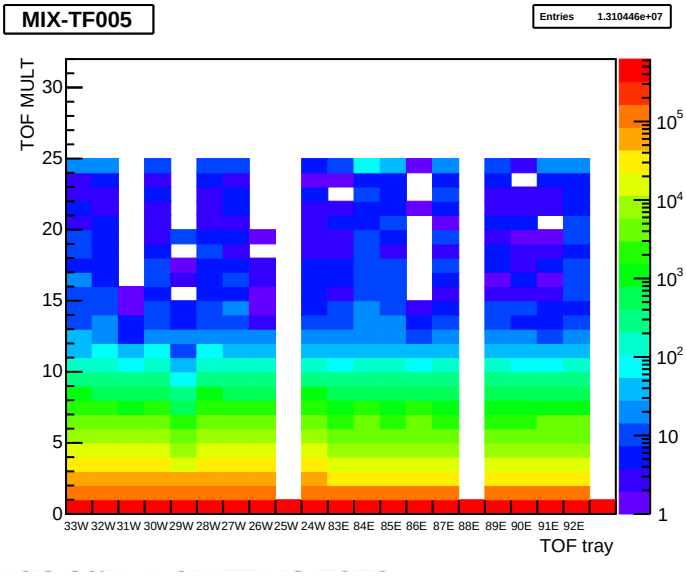

BunchId7Bit (TOFmult window)
Entries 18035

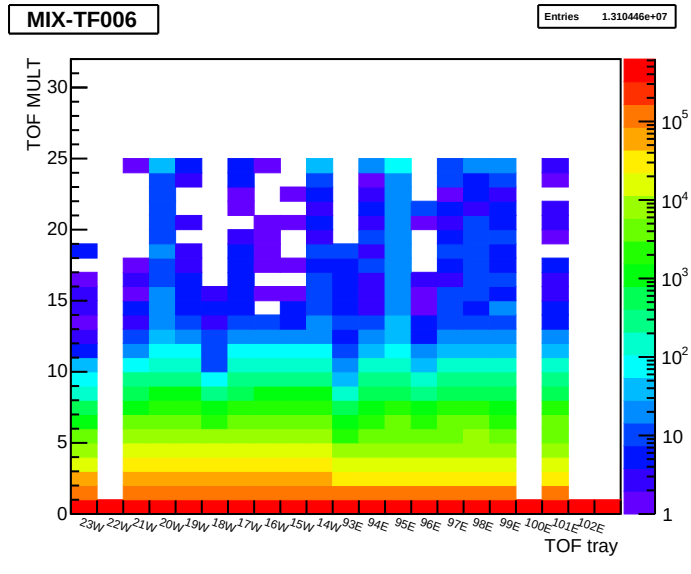

MIX-TF001
Entries 1.310446e+07
TOF MULT
TOF tray

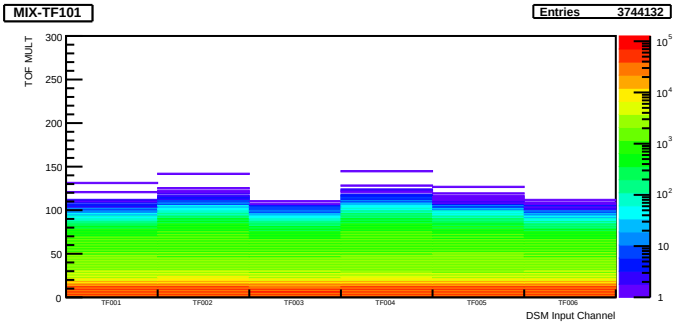

MIX-TF002
Entries 1.310446e+07
TOF MULT
TOF tray

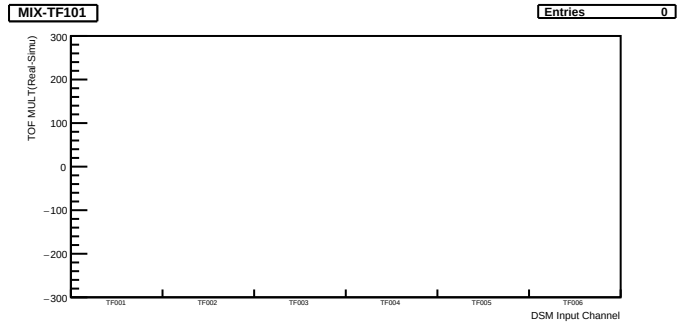

MIX-TF003
Entries 1.310446e+07
TOF MULT
TOF tray

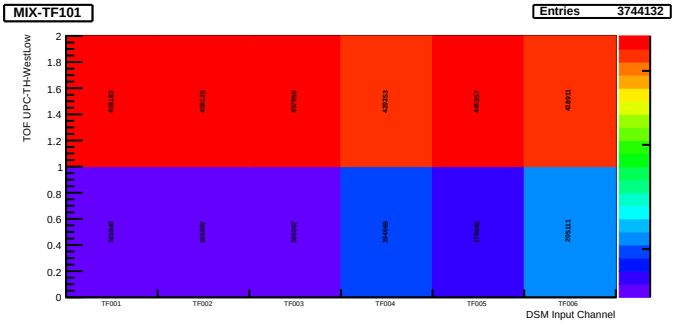

MIX-TF004
Entries 1.310446e+07
TOF MULT
TOF tray

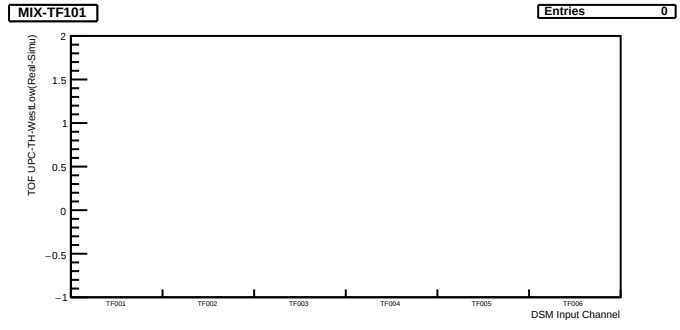

MIX-TF005
Entries 1.310446e+07
TOF MULT
TOF tray

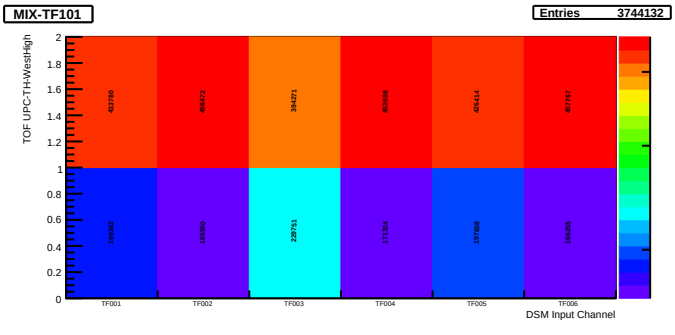

MIX-TF006
Entries 1.310446e+07
TOF MULT
TOF tray

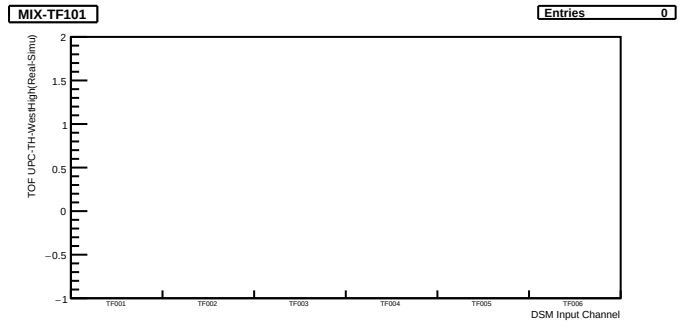

MIX-TF101
Entries 3744132
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

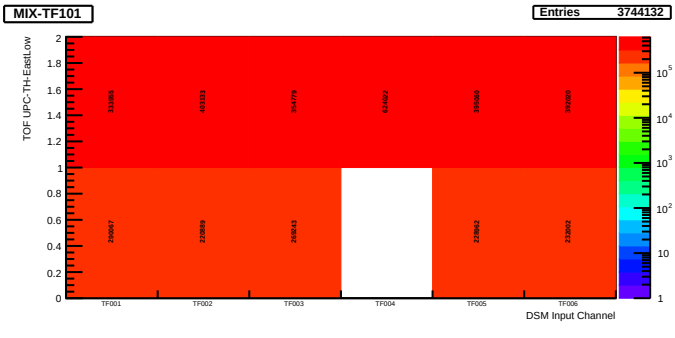

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

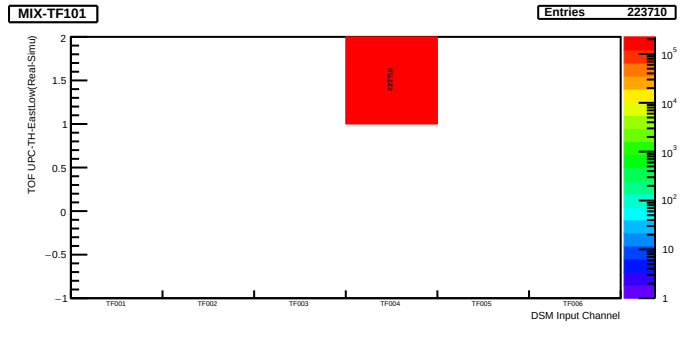

MIX-TF101
Entries 3744132
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

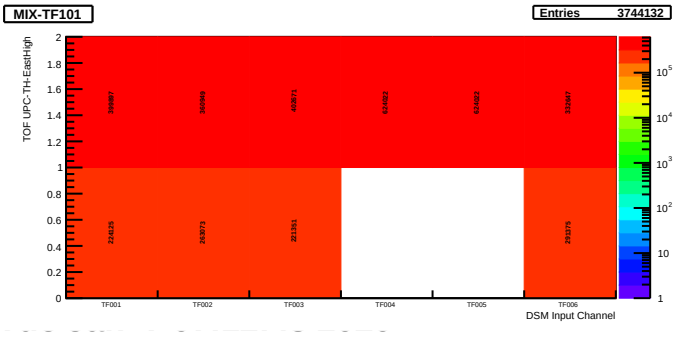

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

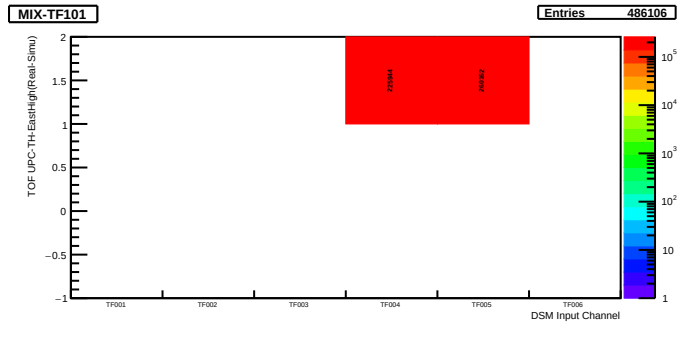

MIX-TF101
Entries 3744132
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

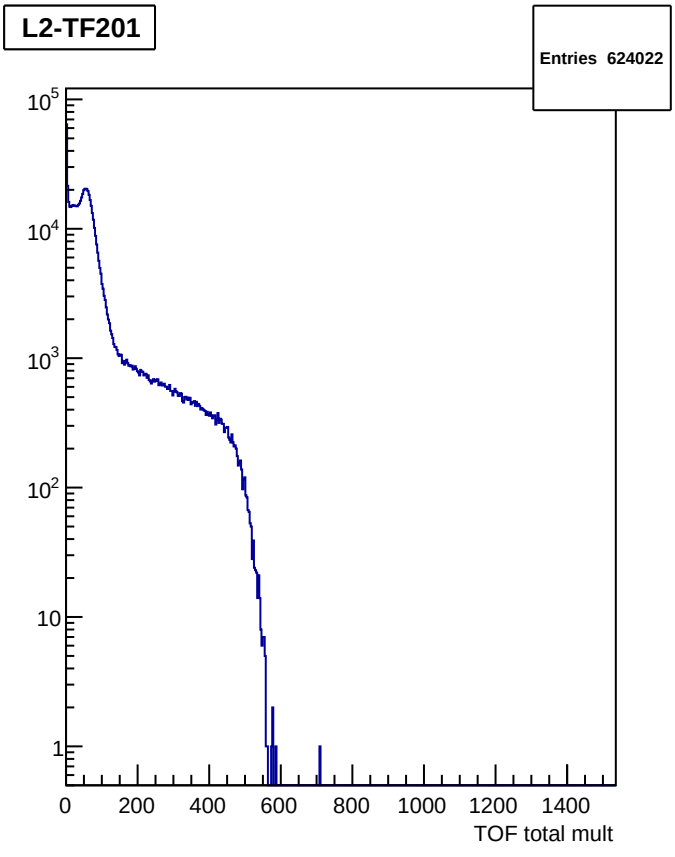

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

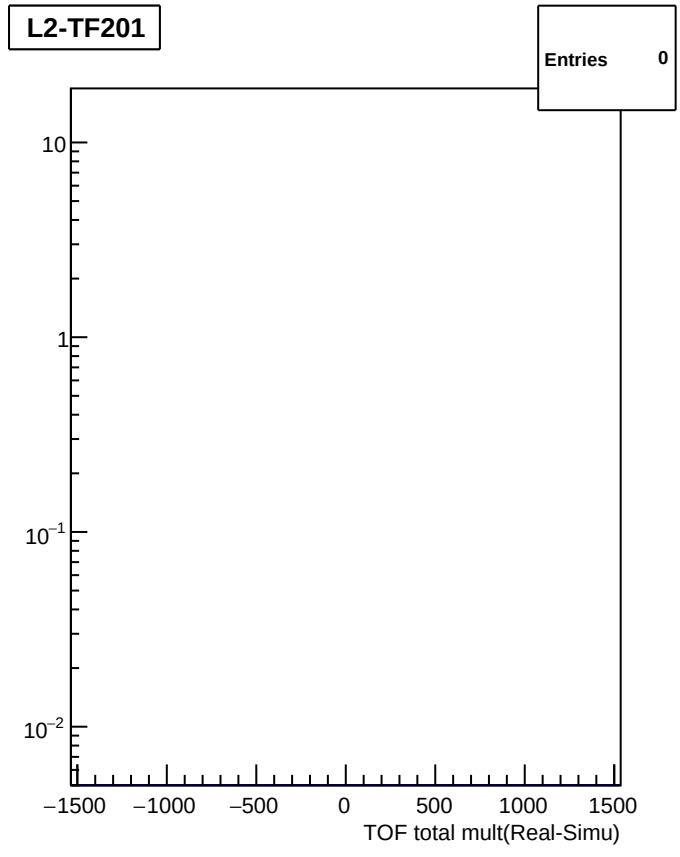

MIX-TF101
Entries 3744132
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

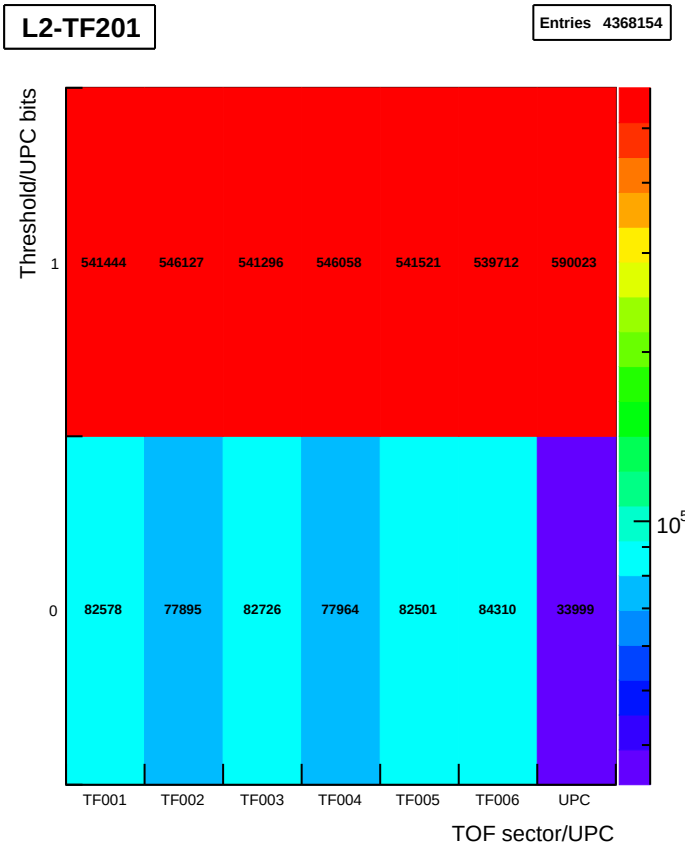

MIX-TF101
Entries 223710
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

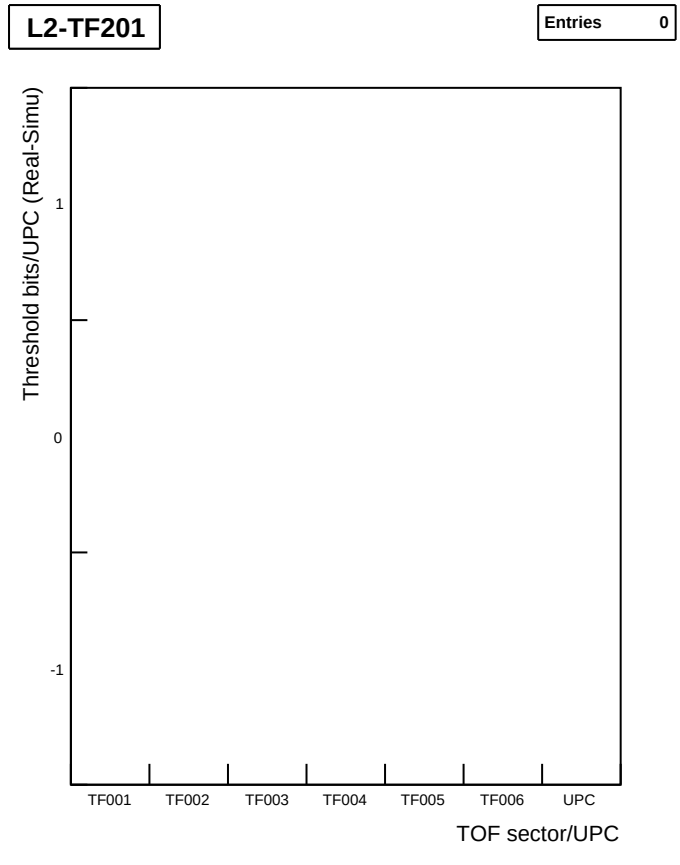

MIX-TF101
Entries 3744132
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

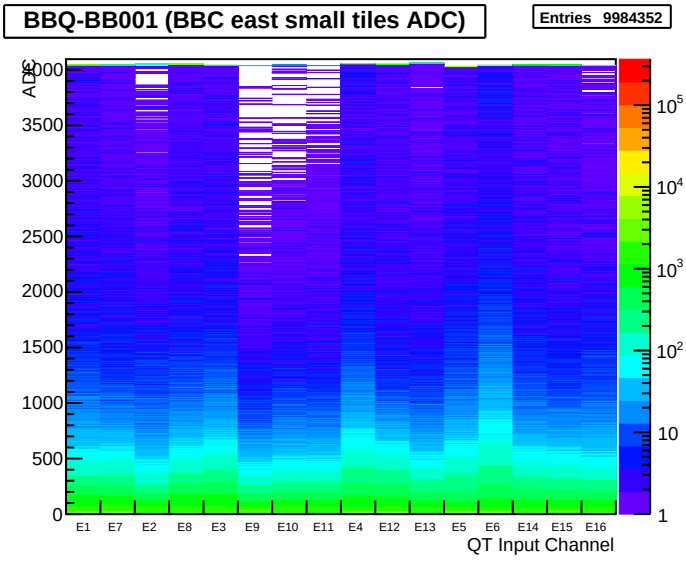

MIX-TF101
Entries 486106
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

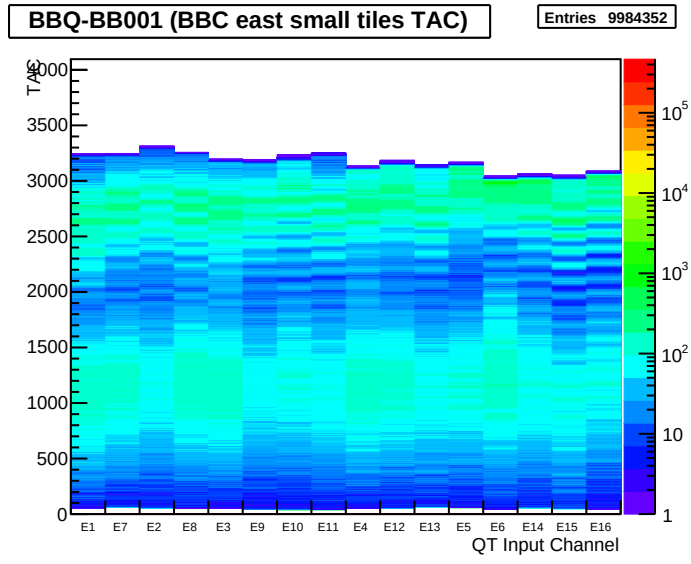

L2-TF201
Entries 624022
TOF total mult

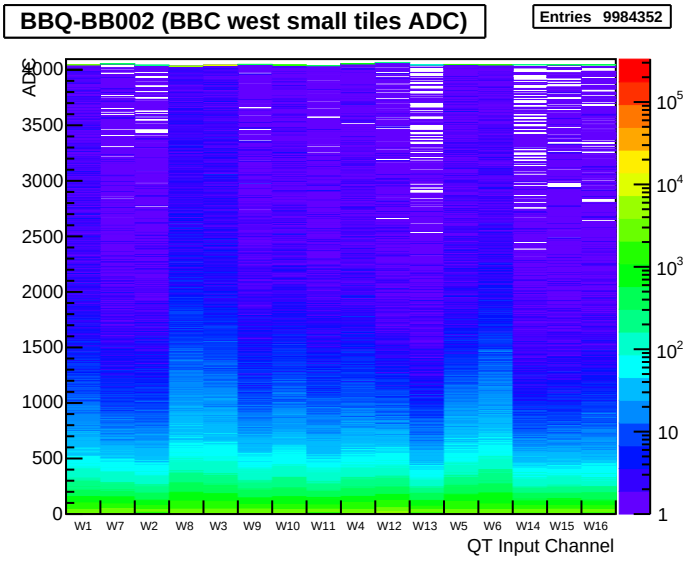

L2-TF201
Entries 0
TOF total mult(Real-Simu)

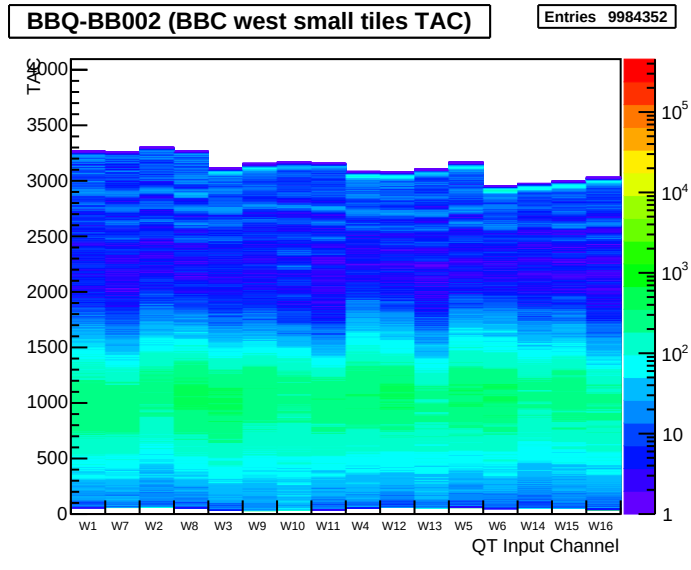

L2-TF201
Entries 4368154
Threshold/UPC bits
541444
546127
541296
546058
541521
539712
590023
82578
77895
82726
77964
82501
84310
33999
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

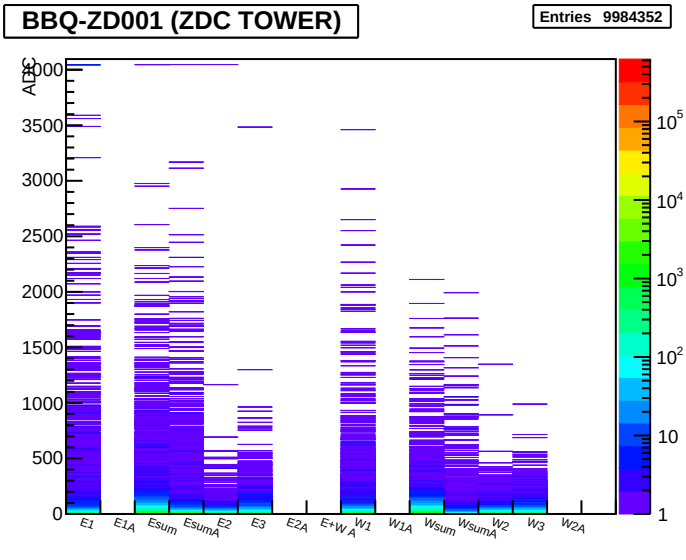

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

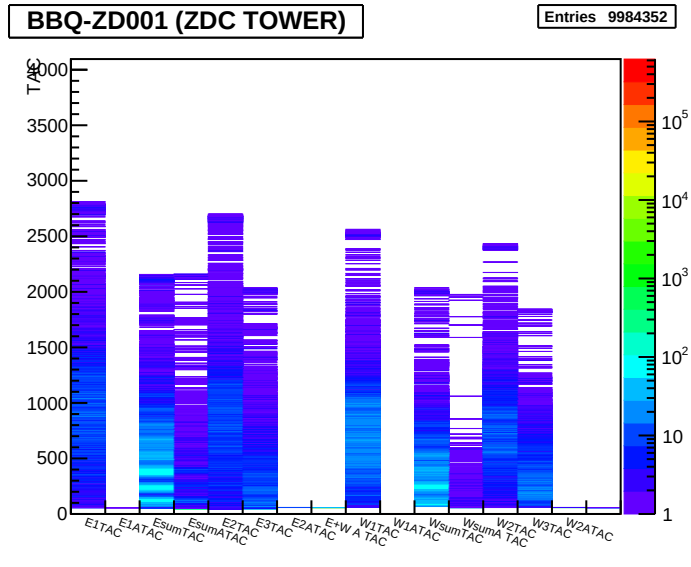

BBQ-BB001 (BBC east small tiles ADC)
Entries 9984352
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

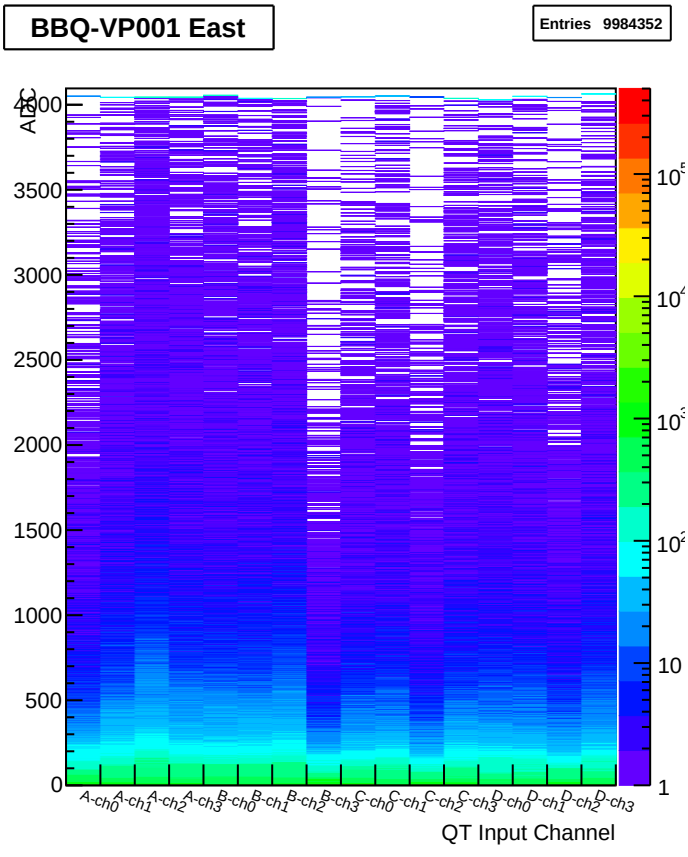

BBQ-BB001 (BBC east small tiles TAC)
Entries 9984352
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

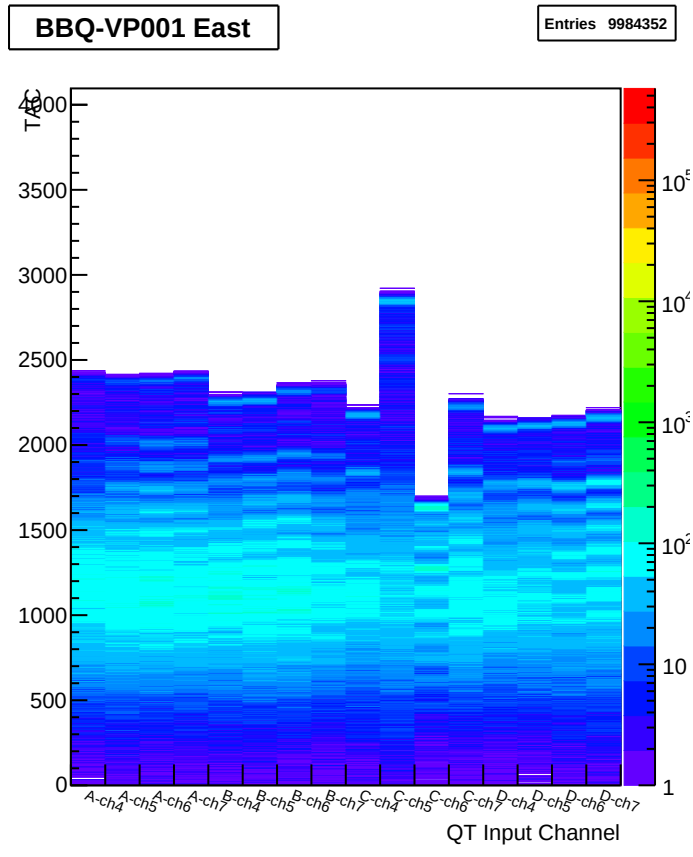

BBQ-BB002 (BBC west small tiles ADC)
Entries 9984352
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

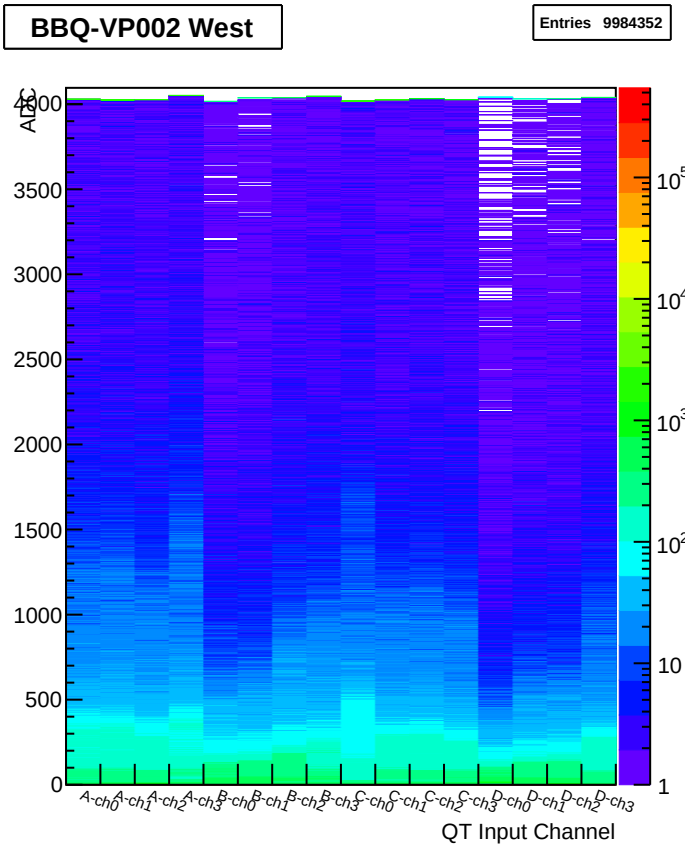

BBQ-BB002 (BBC west small tiles TAC)
Entries 9984352
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

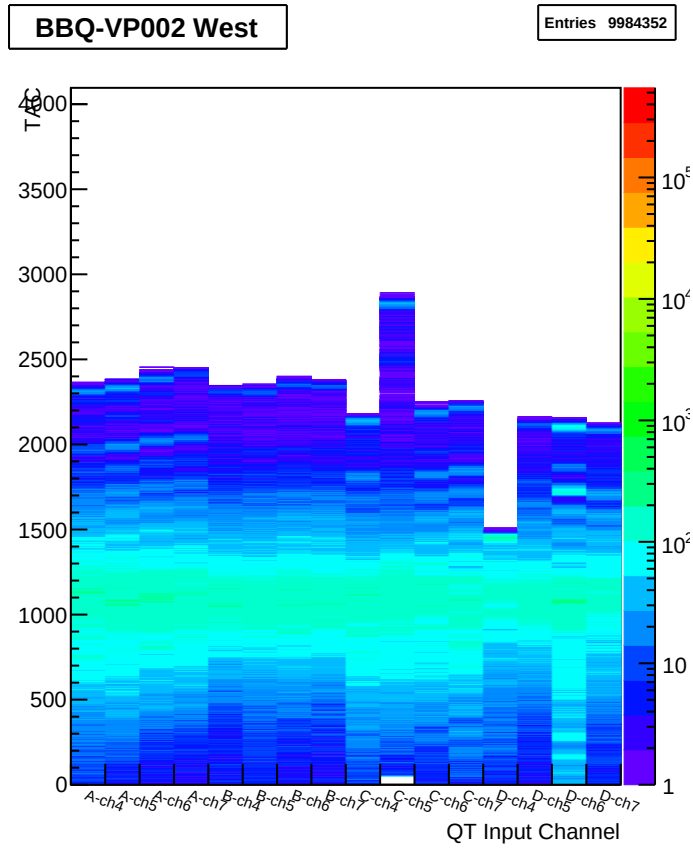

BBQ-ZD001 (ZDC TOWER)
Entries 9984352
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

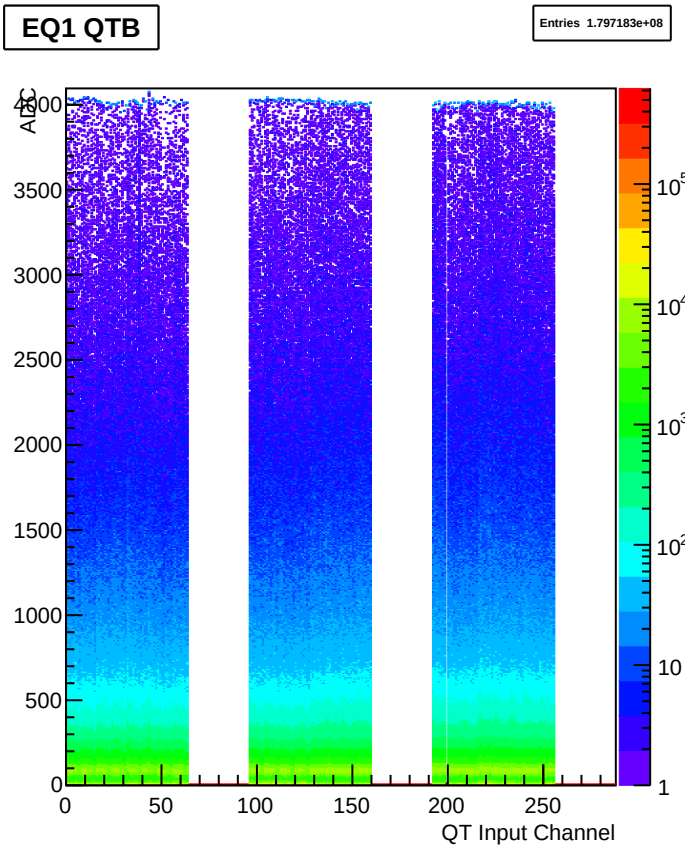

BBQ-ZD001 (ZDC TOWER)
Entries 9984352
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

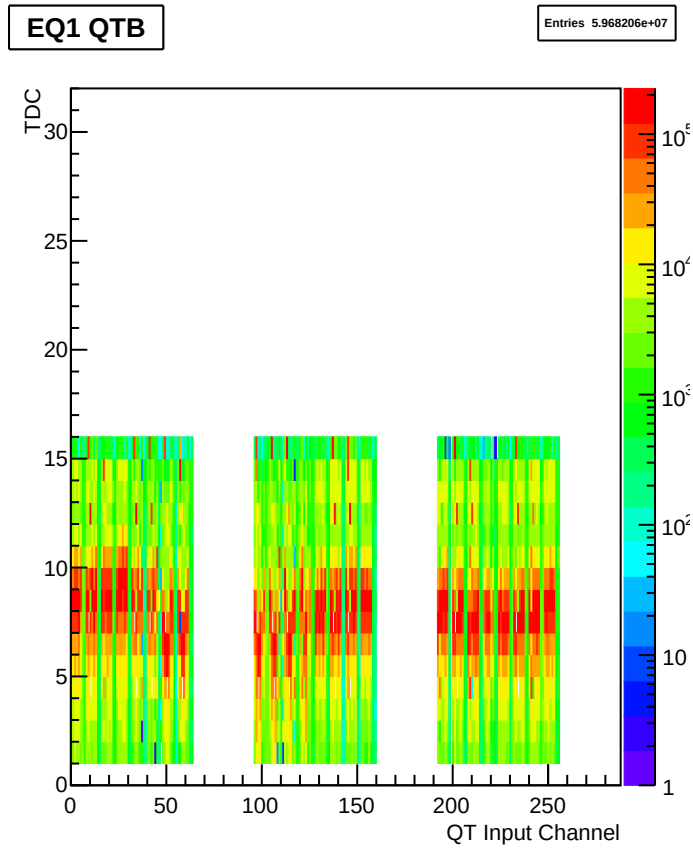

BBQ-VP001 East
Entries 9984352
ADC
QT Input Channel

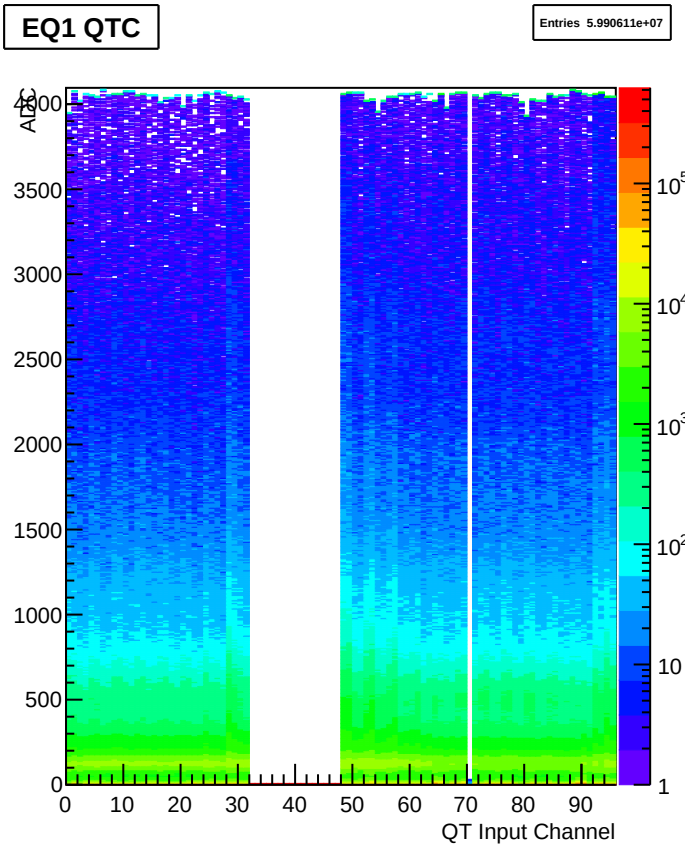

BBQ-VP001 East
Entries 9984352
TADC
QT Input Channel

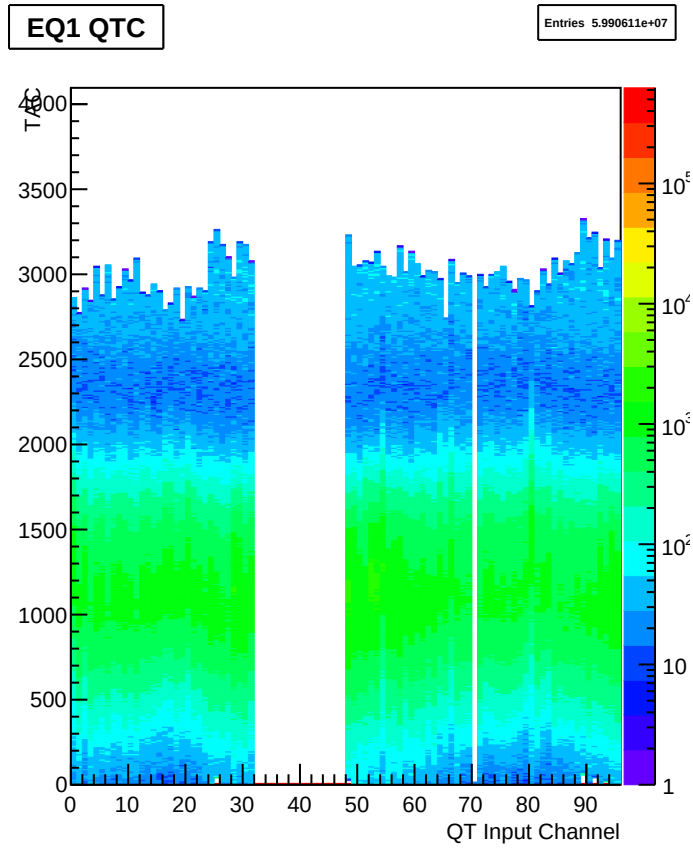

BBQ-VP002 West
Entries 9984352
ADC
QT Input Channel

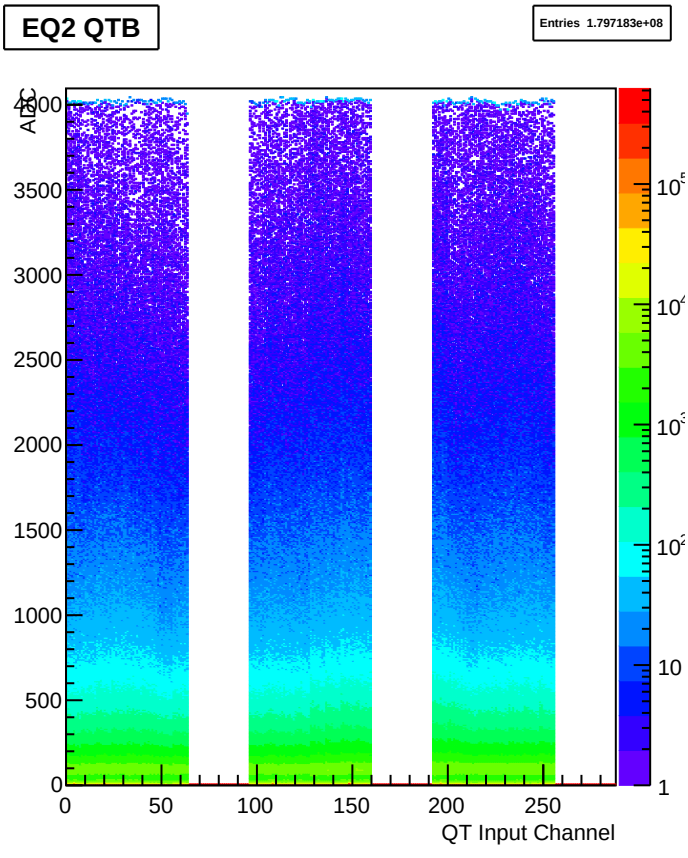

BBQ-VP002 West
Entries 9984352
TADC
QT Input Channel

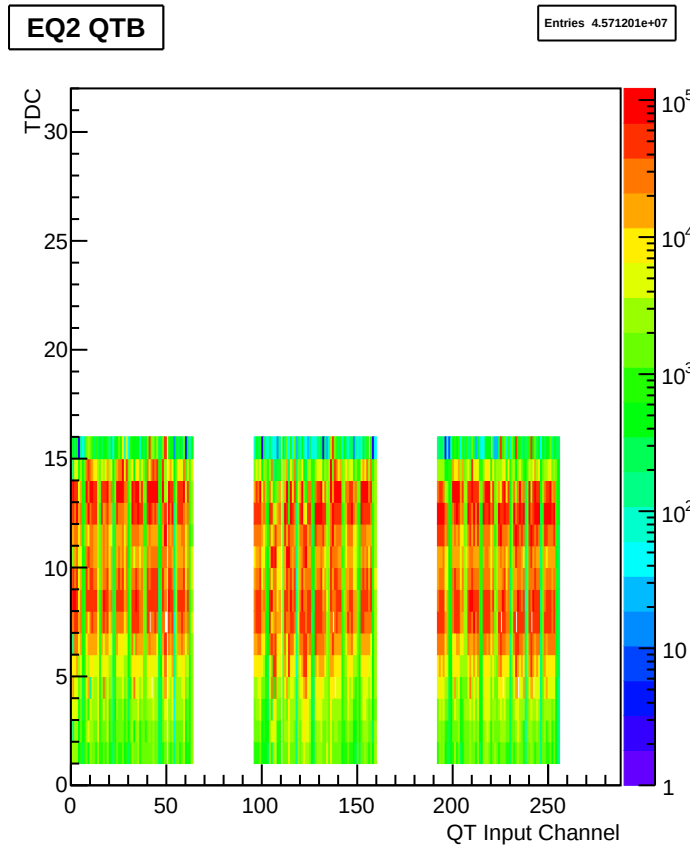

EQ1 QTB
Entries 1.797183e+08
ADC
QT Input Channel

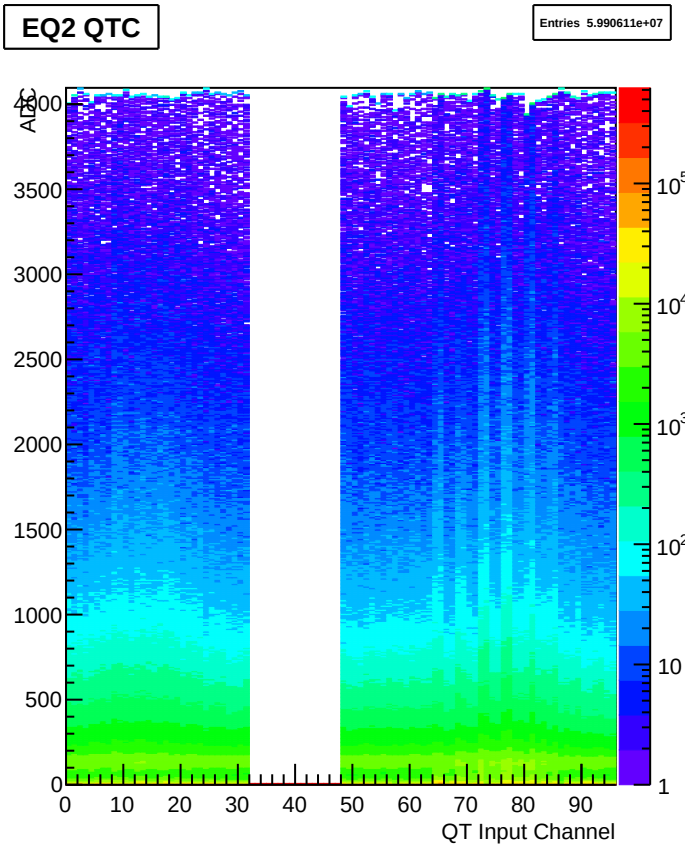

EQ1 QTB
Entries 5.968206e+07
TDC
QT Input Channel

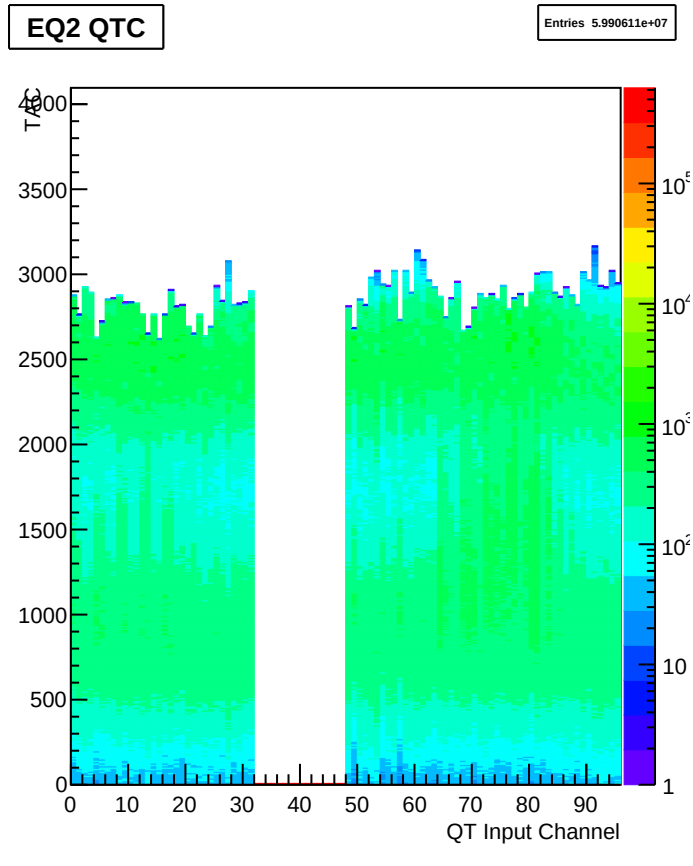

EQ1 QTC
Entries 5.990611e+07
ADC
QT Input Channel

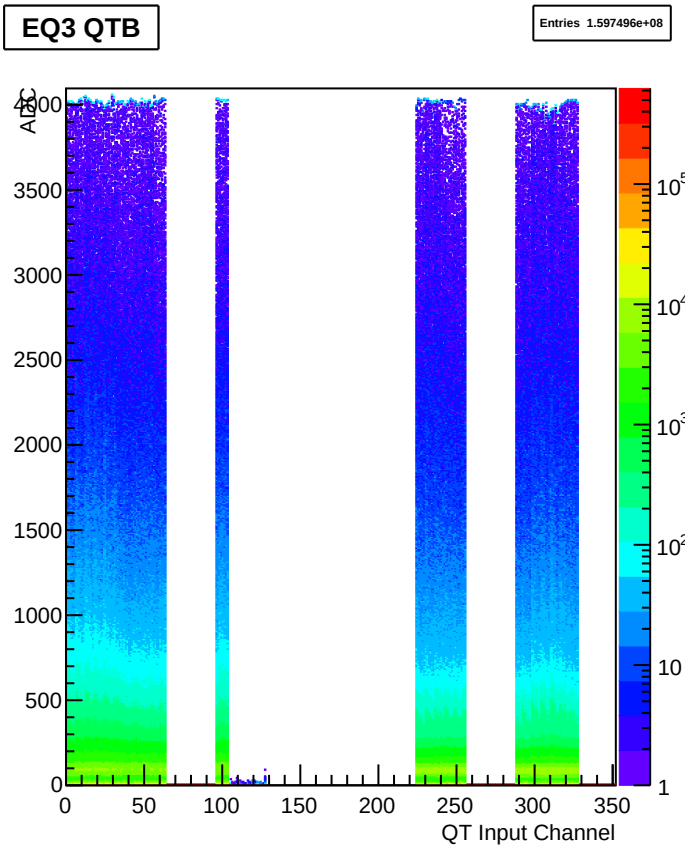

EQ1 QTC
Entries 5.990611e+07
TADC
QT Input Channel

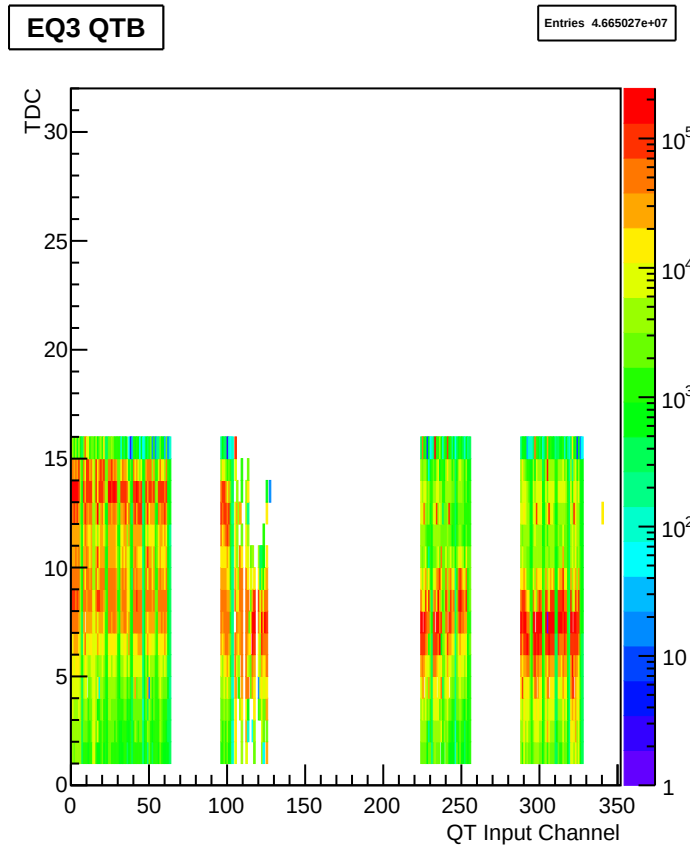

EQ2 QTB
Entries 1.797183e+08
ADC
QT Input Channel

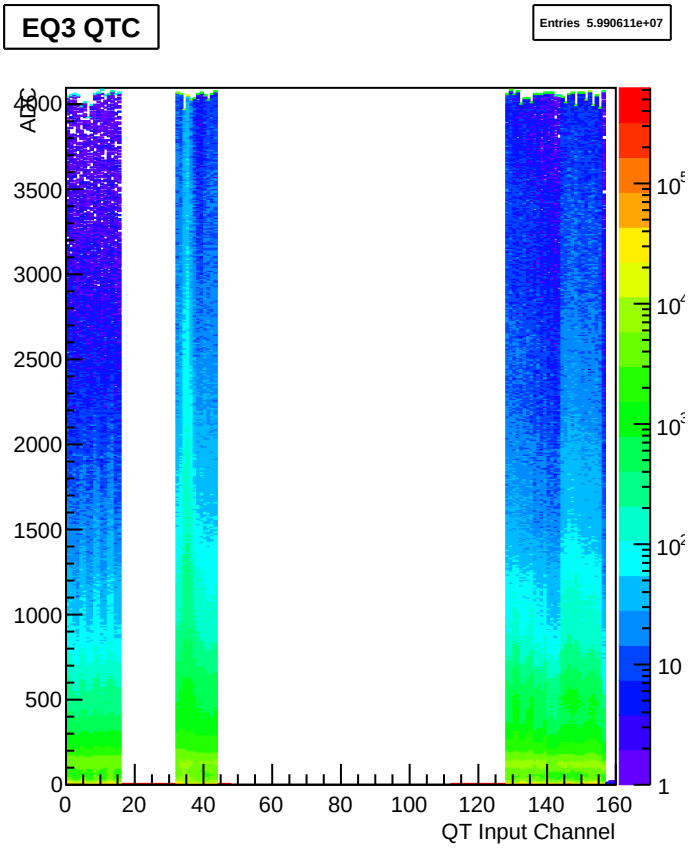

EQ2 QTB
Entries 4.571201e+07
TDC
QT Input Channel

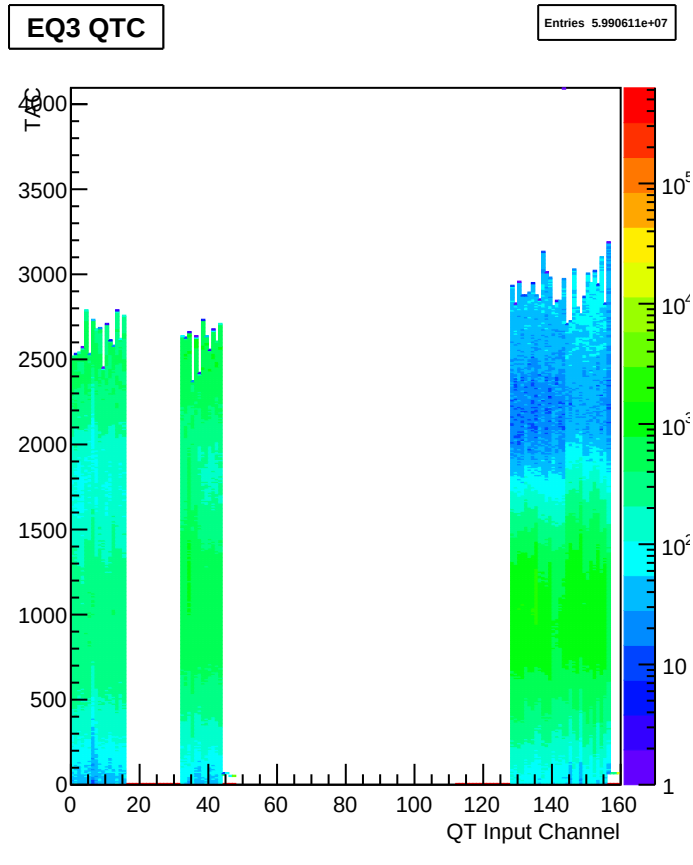

EQ2 QTC
Entries 5.990611e+07
ADC
QT Input Channel

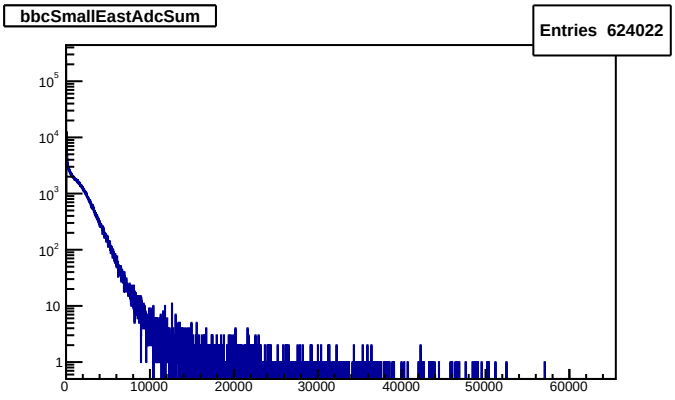

EQ2 QTC
Entries 5.990611e+07
TADC
QT Input Channel

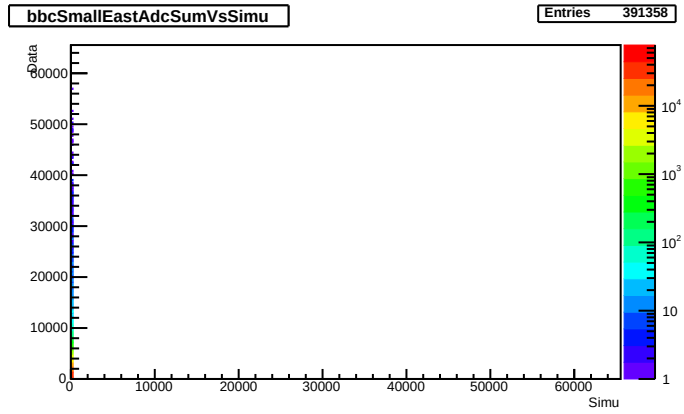

EQ3 QTB
Entries 1.597496e+08
ADC
QT Input Channel

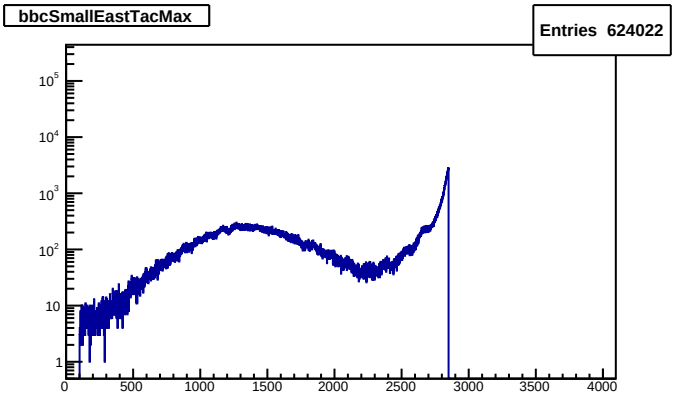

EQ3 QTB
Entries 4.665027e+07
TDC
QT Input Channel

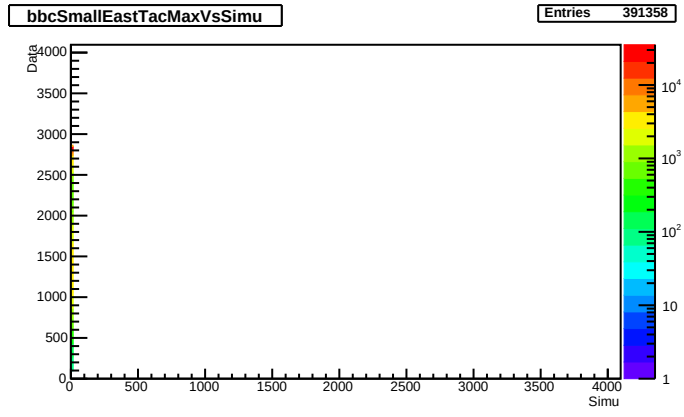

EQ3 QTC
Entries 5.990611e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.990611e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 624022


bbcSmallEastAdcSumVsSimu
Entries 391358
Data
Simu


bbcSmallEastTacMax
Entries 624022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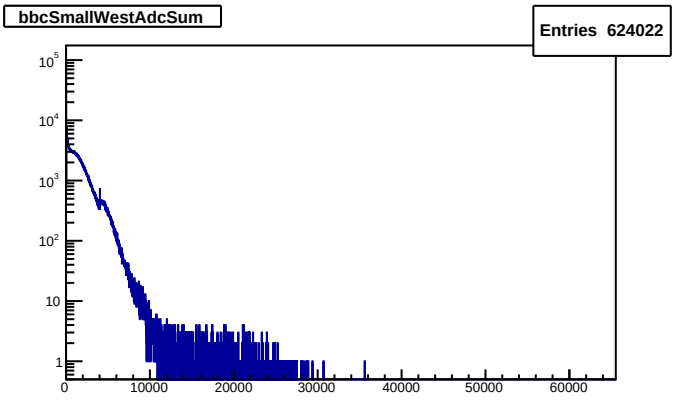
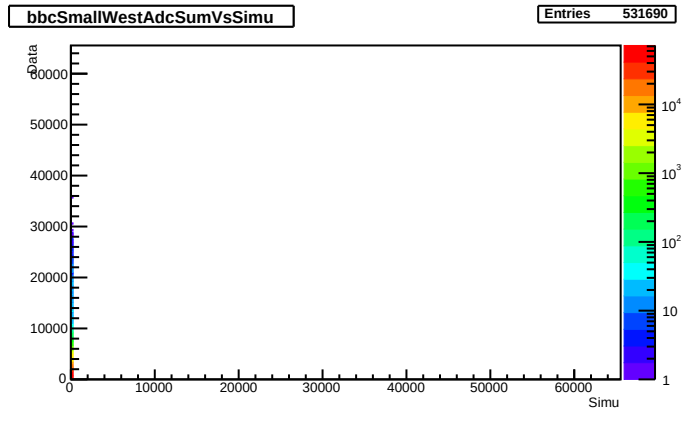
Entries 391358
Data
Simu


bbcSmallWestAdcSum
Entries 624022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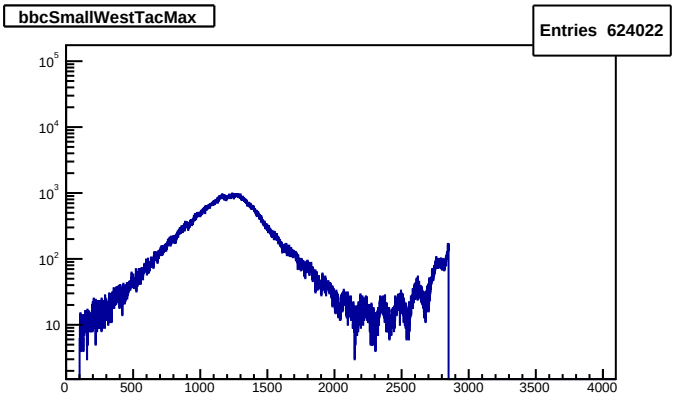
Entries 531690
Data
Simu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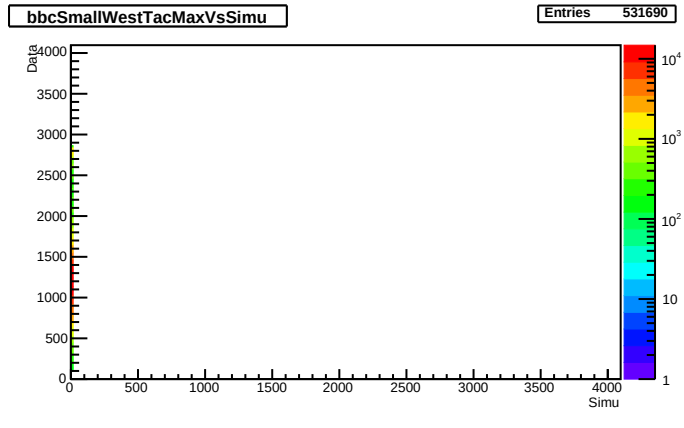
Entries 624022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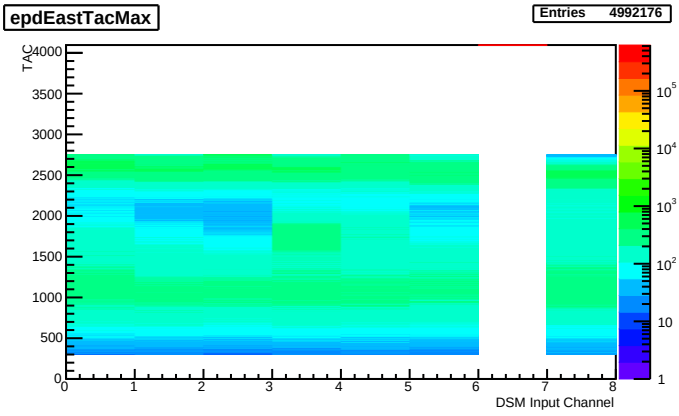
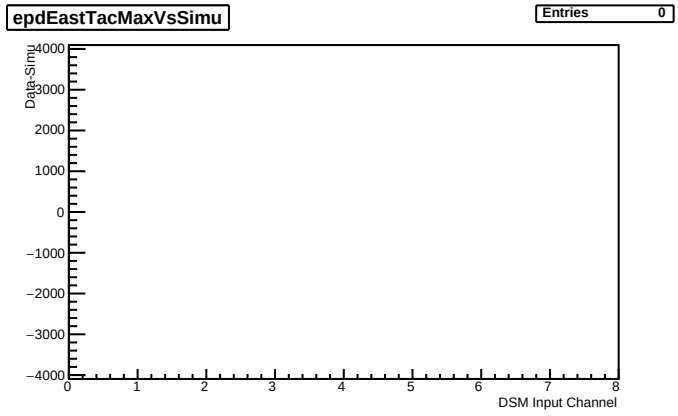
Entries 531690
Data
Simu


epdEastTacMax
Entries 4992176
TAC
DSM Input Channel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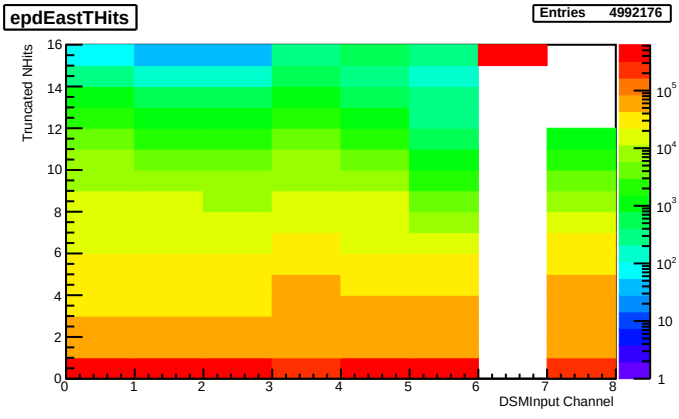
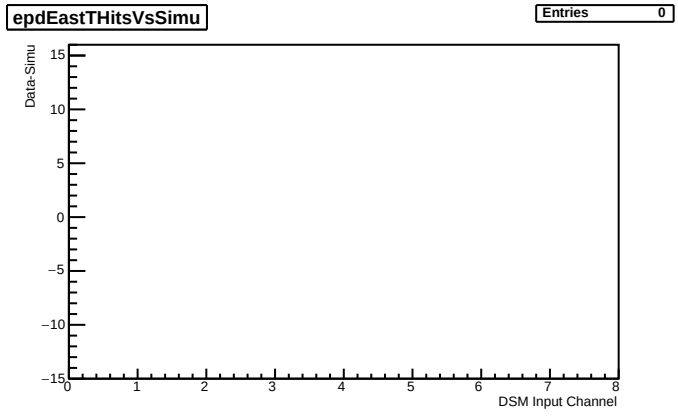
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4992176
Truncated NHits
DSMInput Channel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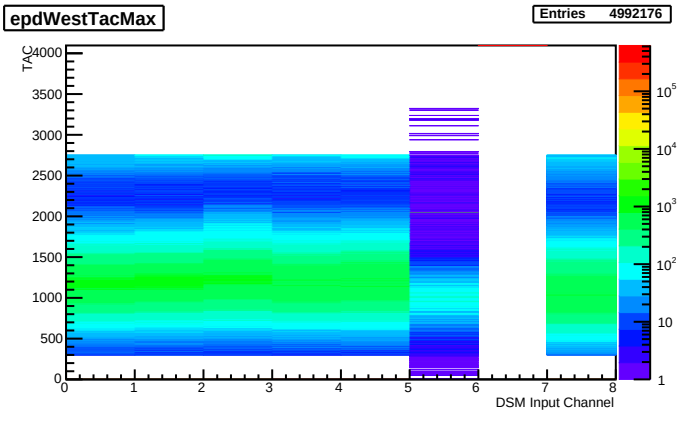
Data-Simu
DSM Input Channel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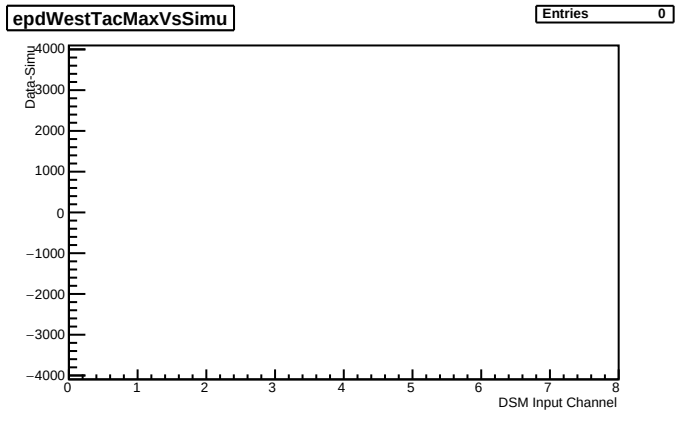
Entries 4992176
TAC
DSM Input Channel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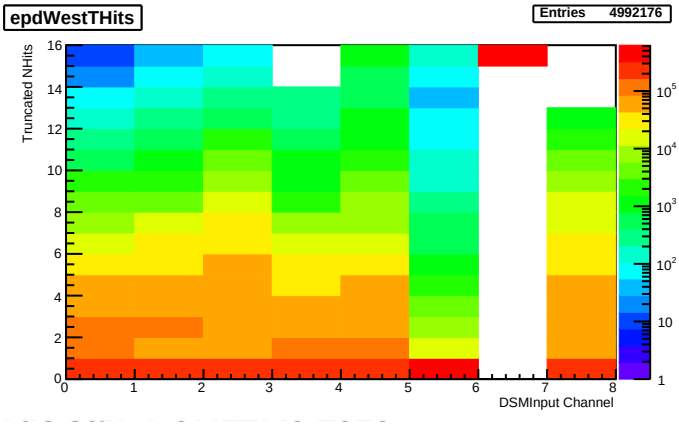
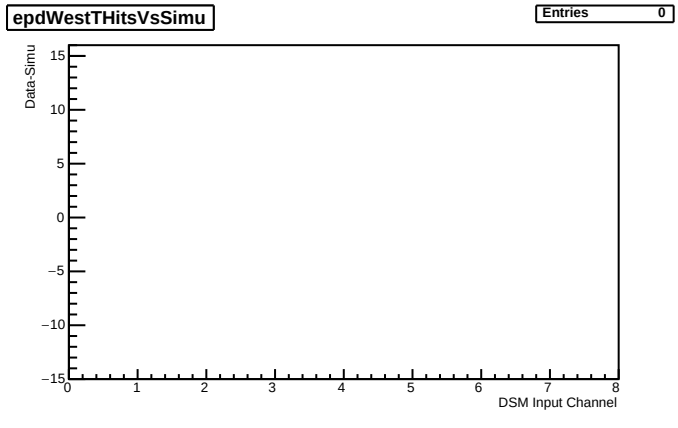
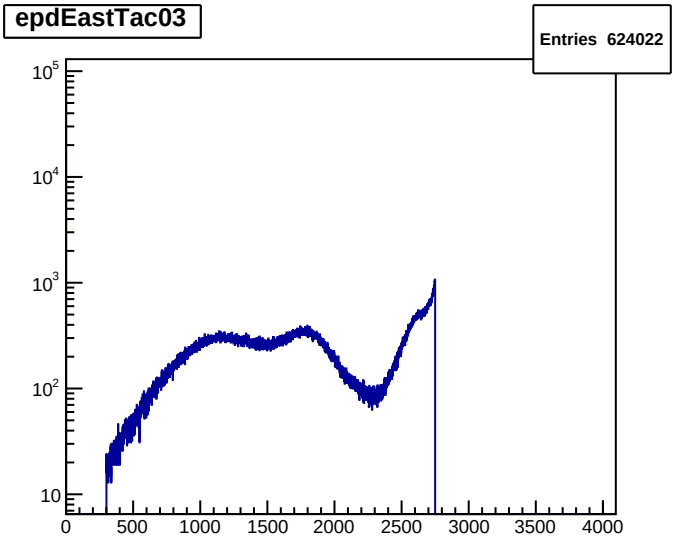
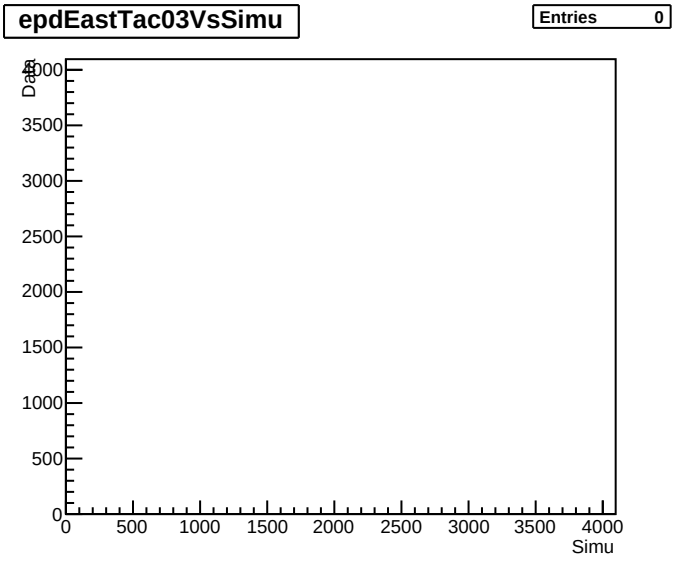
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4992176
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 624022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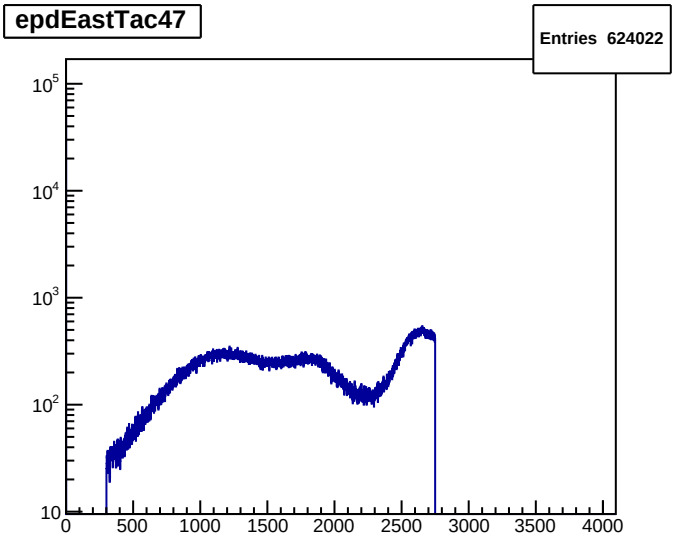
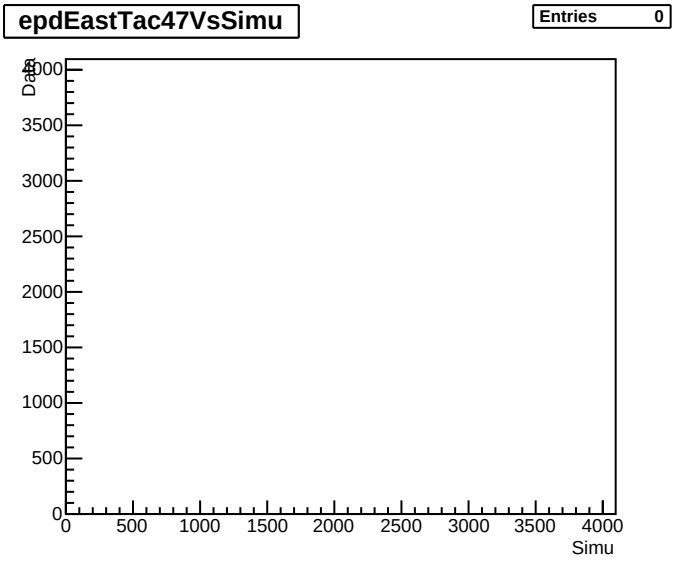
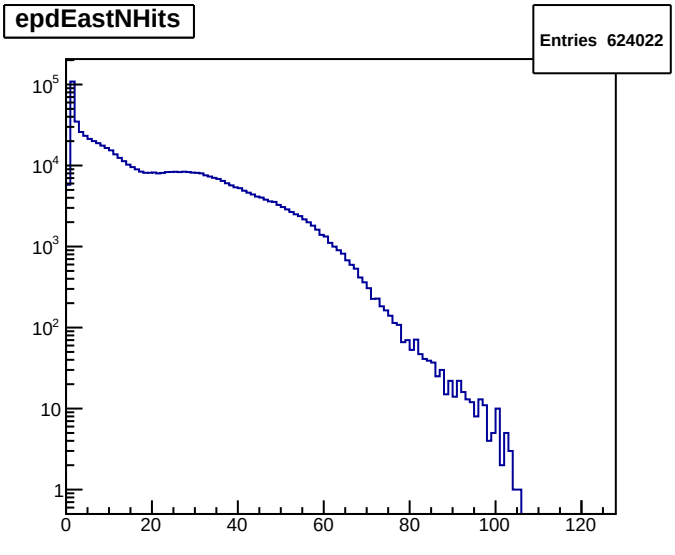
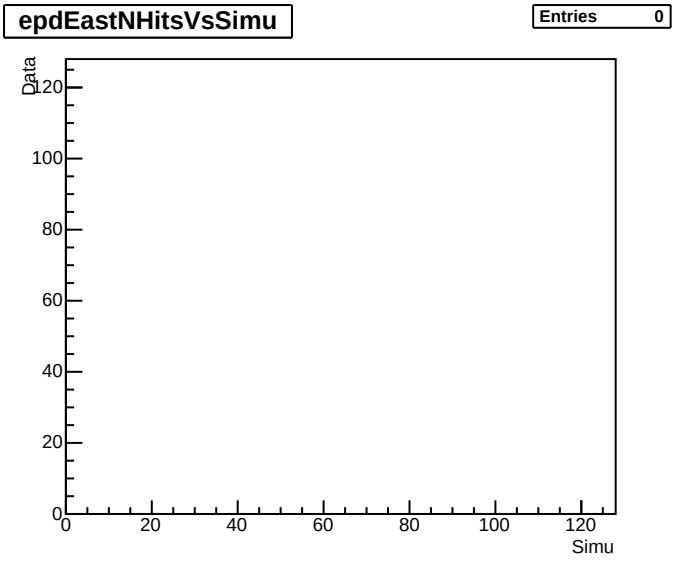
Entries 0
Data
Simu


epdEastTac47
Entries 624022


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 624022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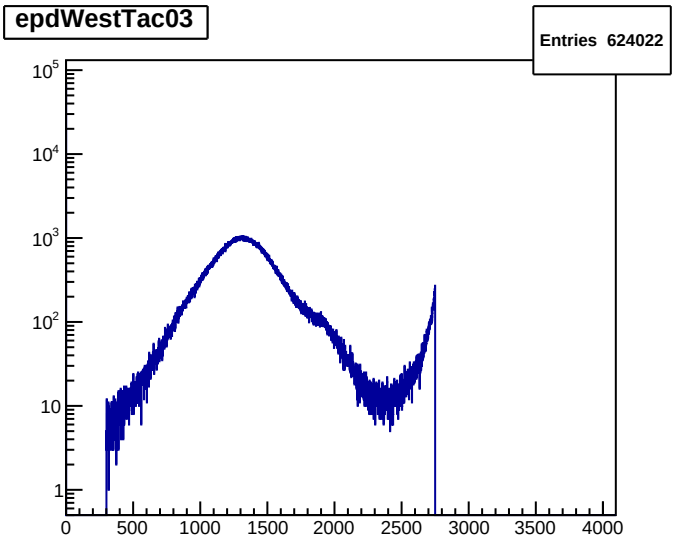
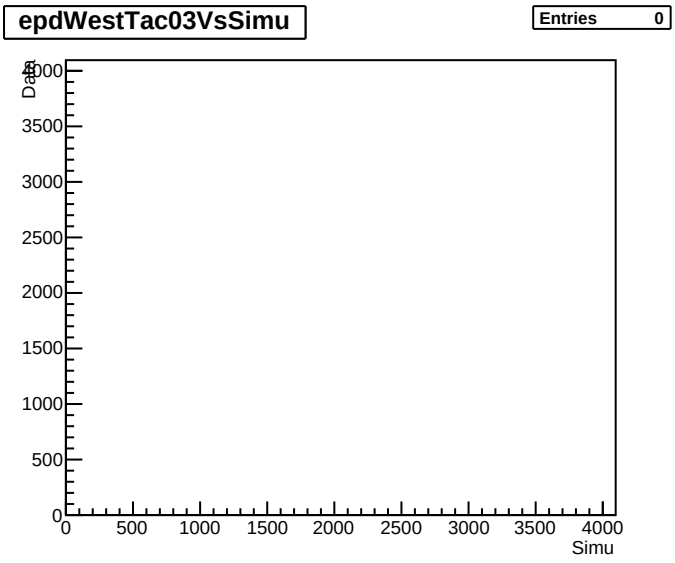
Entries 0
Data
Simu


epdWestTac03
Entries 624022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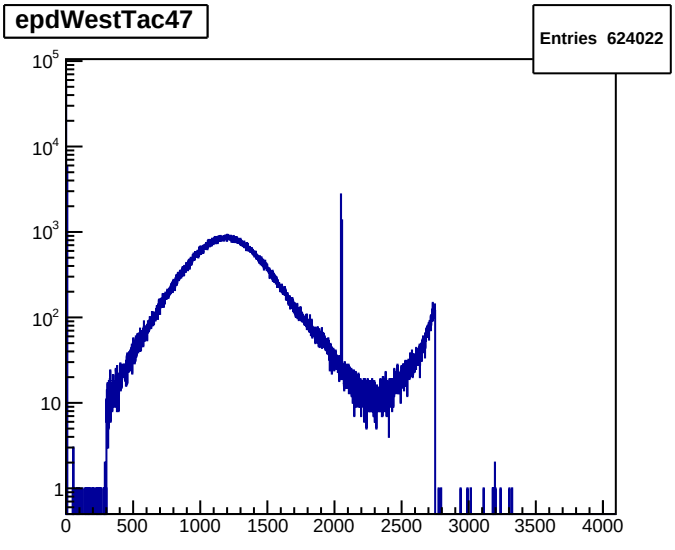
Entries 0
Data
Simu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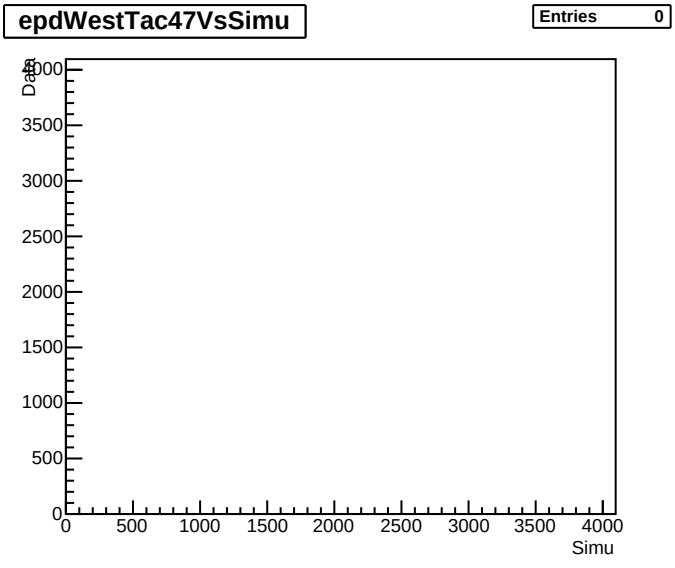
Entries 624022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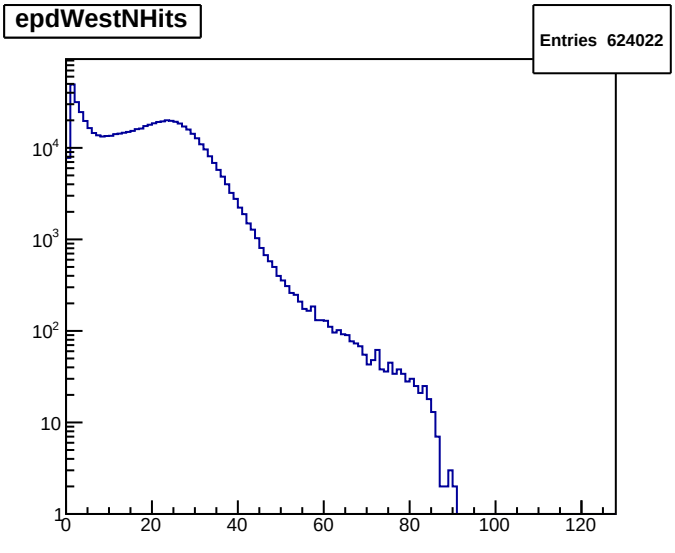
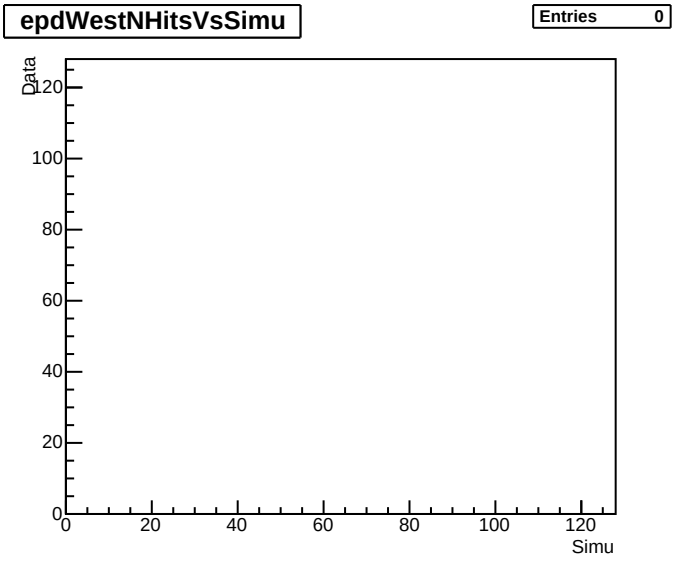
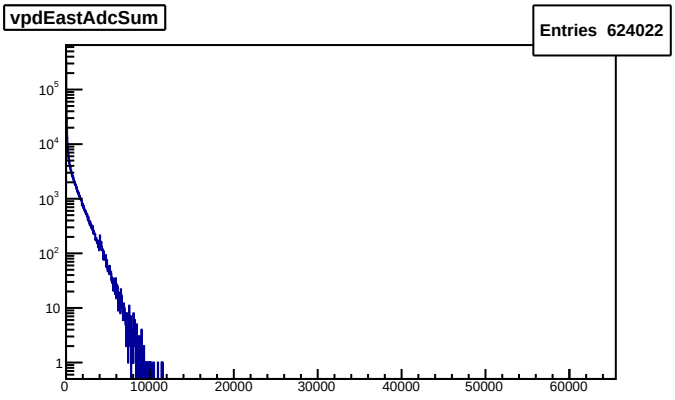
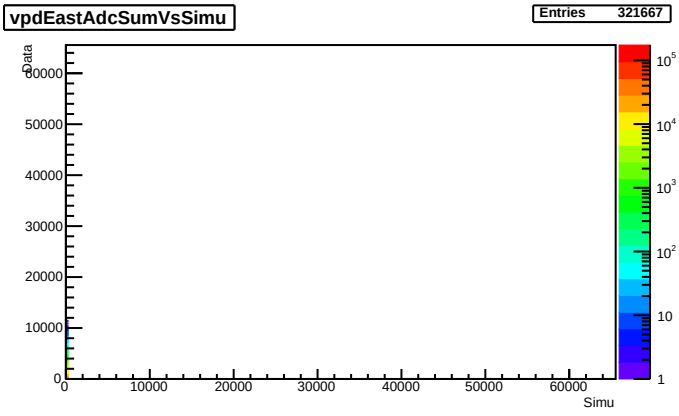
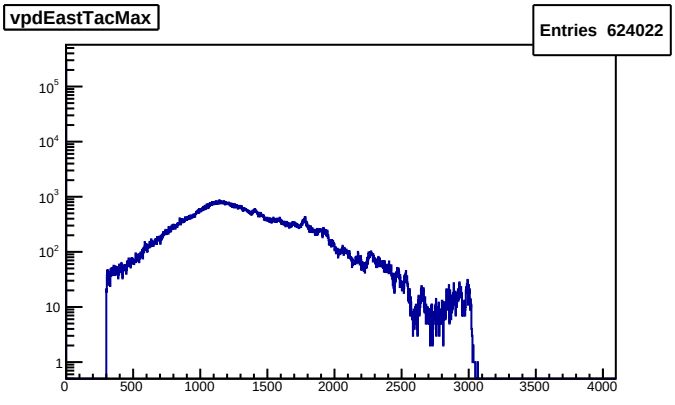
Entries 0
Data
Simu

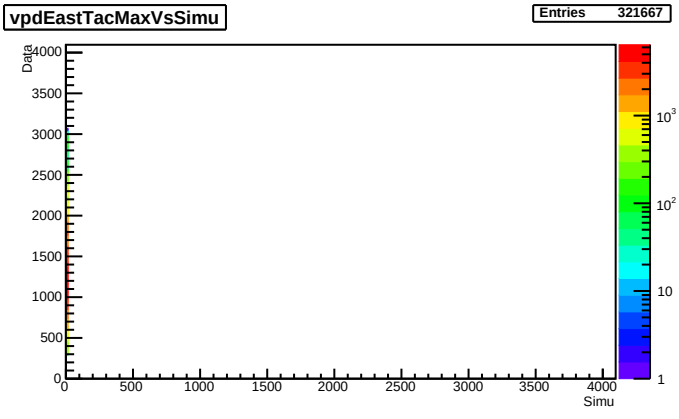

epdWestNHits
Entries 624022

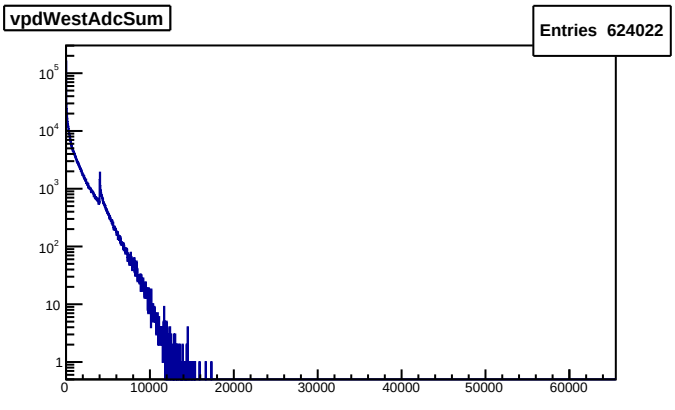

epdWestNHitsVsSimu
Entries 0
Data
Simu

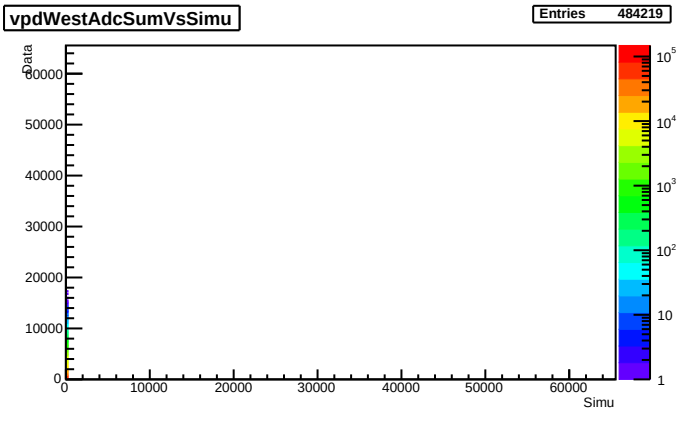

vpdEastAdcSum
Entries 624022

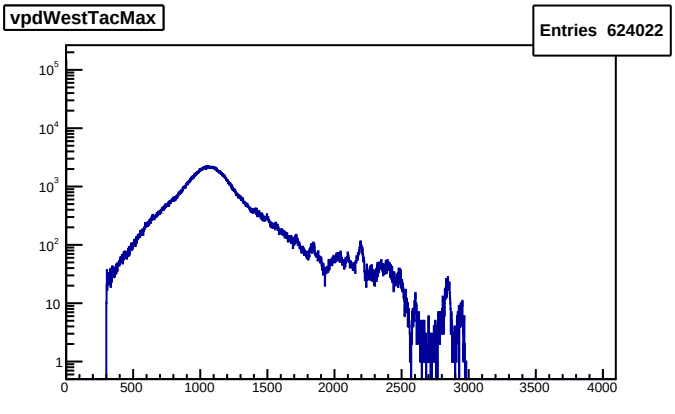

vpdEastAdcSumVsSimu
Entries 321667
Data
Simu

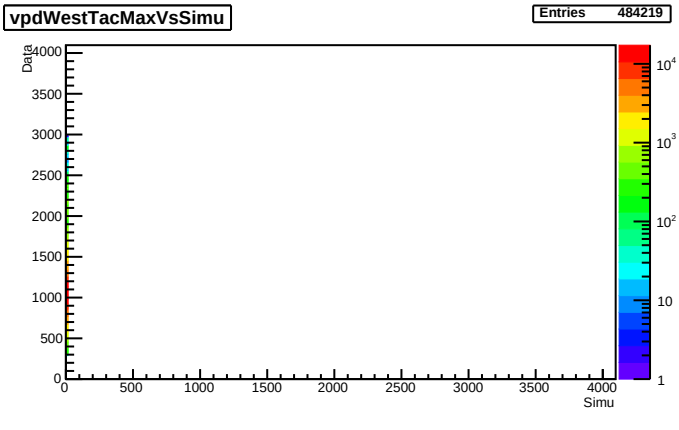

vpdEastTacMax
Entries 624022

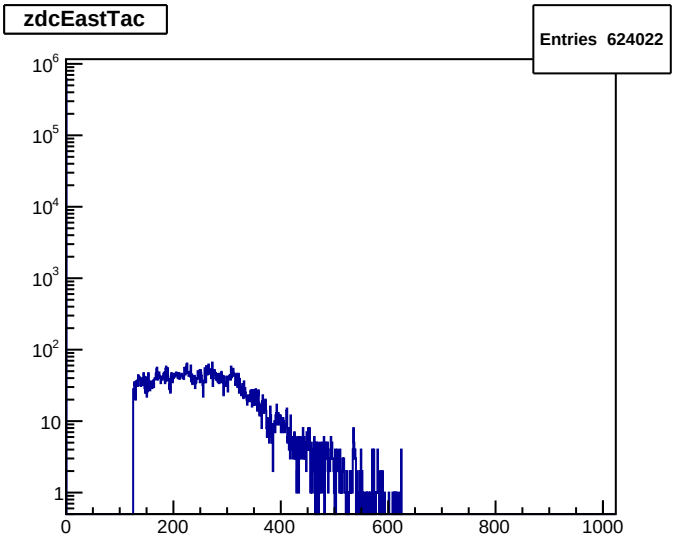

vpdEastTacMaxVsSimu
Entries 321667
Data
Simu

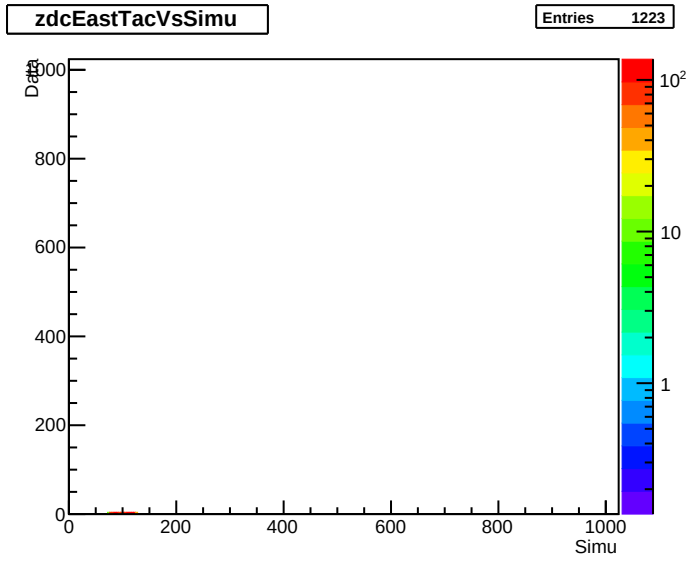

vpdWestAdcSum
Entries 624022

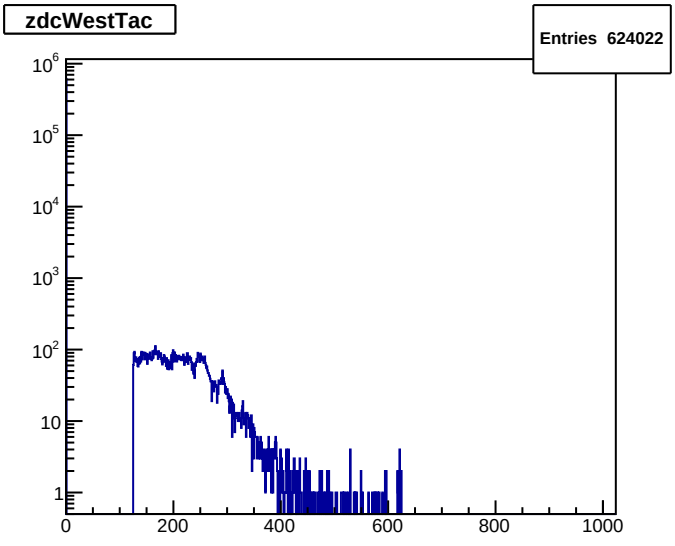

vpdWestAdcSumVsSimu
Entries 484219
Data
Simu

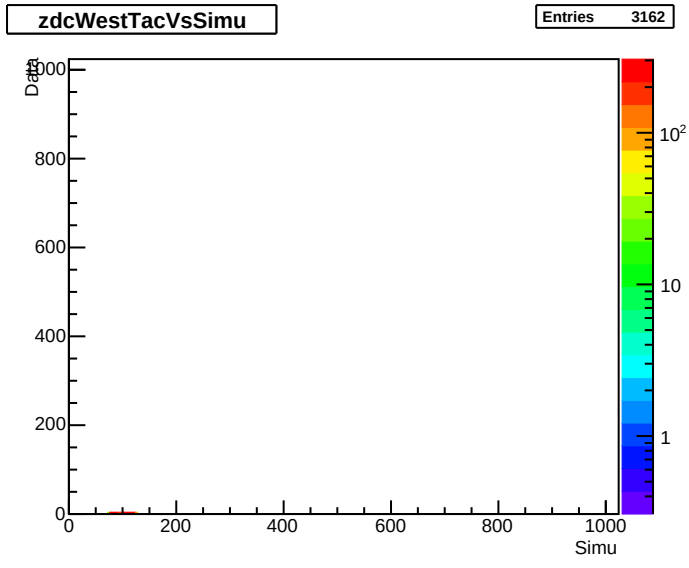

vpdWestTacMax
Entries 624022

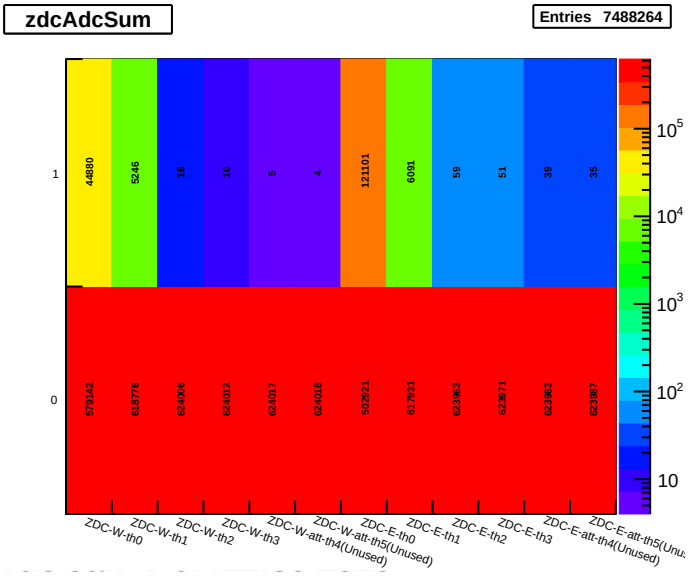

vpdWestTacMaxVsSimu
Entries 484219
Data
Simu

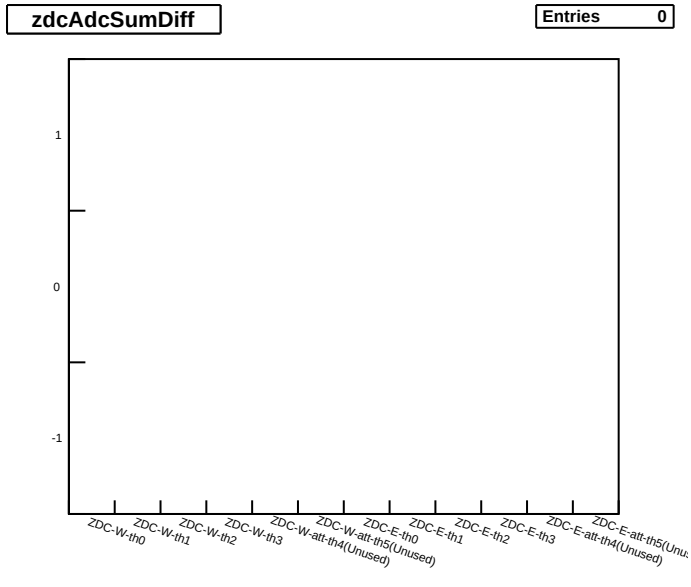

zdcEastTac
Entries 624022

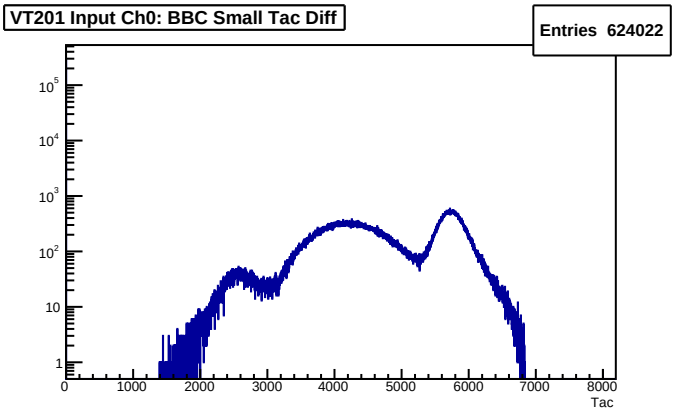

zdcEastTacVsSimu
Entries 1223
Data
Simu

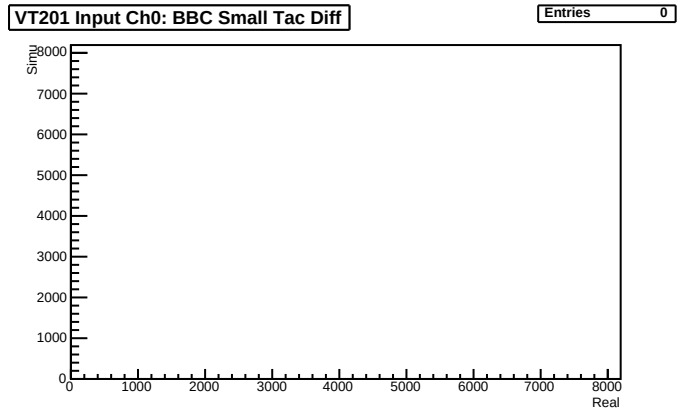

zdcWestTac
Entries 624022

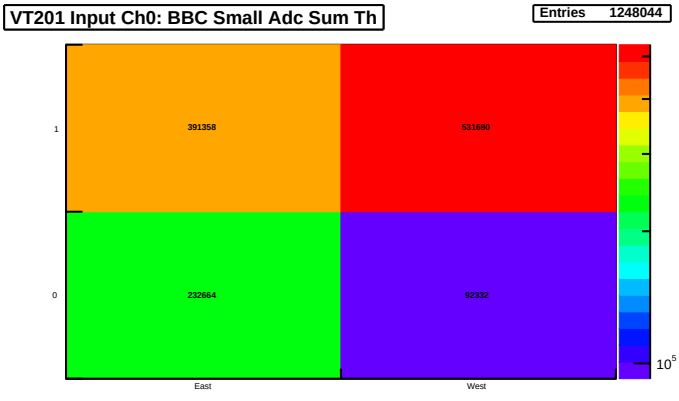

zdcWestTacVsSimu
Entries 3162
Data
Simu

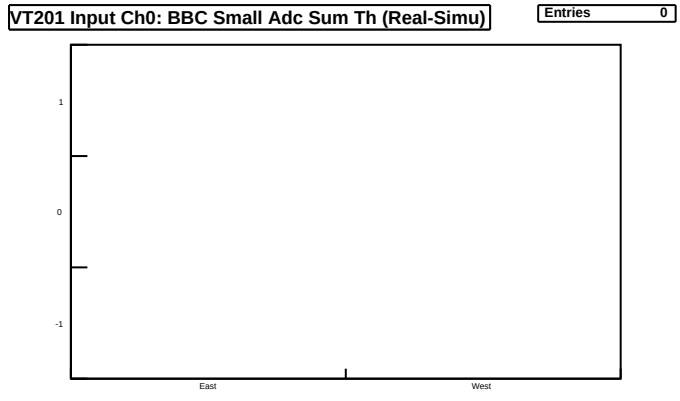

zdcAdcSum
Entries 7488264
44880
5246
16
10
5
4
121101
6091
59
51
39
35
579142
618776
624006
624012
624017
624018
502921
617931
623963
623971
623983
623987
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

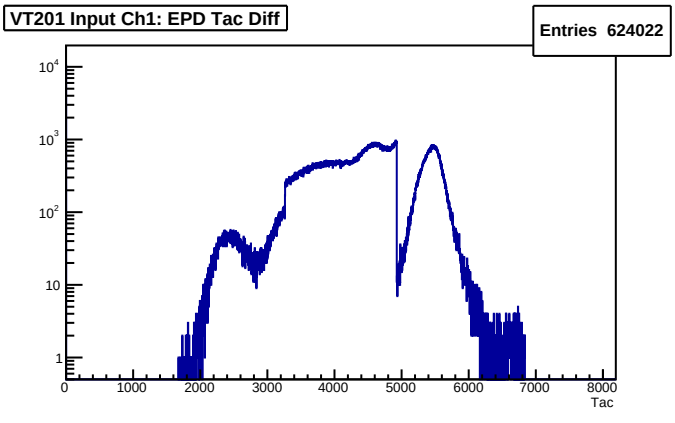

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

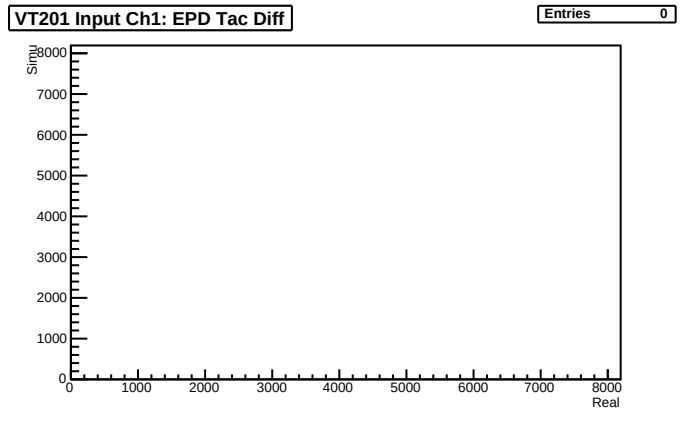

VT201 Input Ch0: BBC Small Tac Diff
Entries 624022
Tac

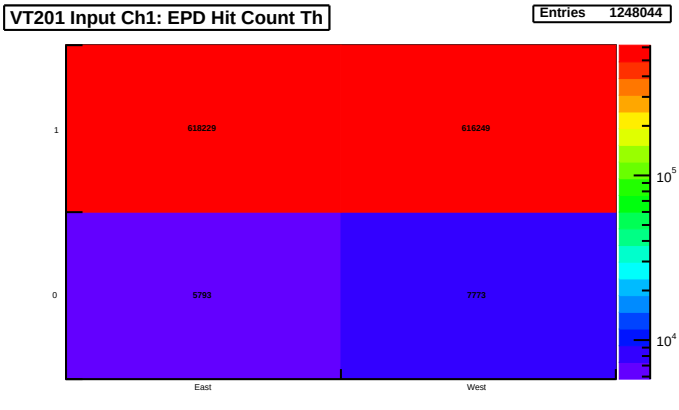

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

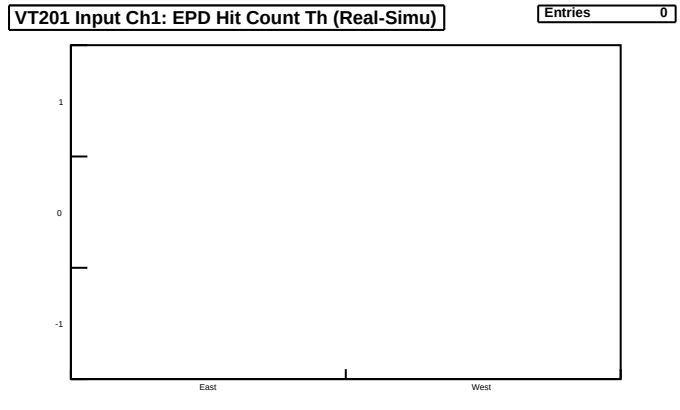

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1248044
391358
531690
232664
92332
East
West

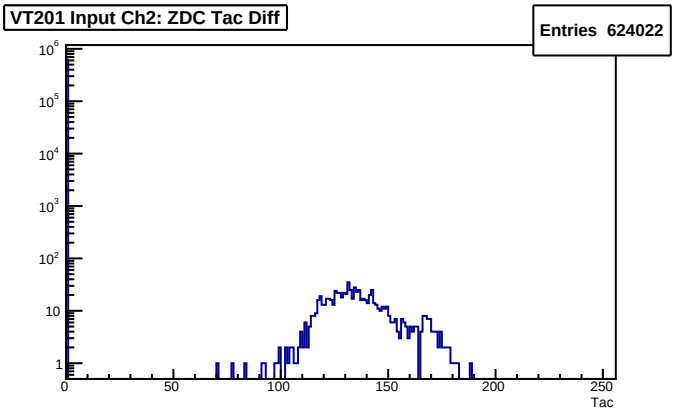

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

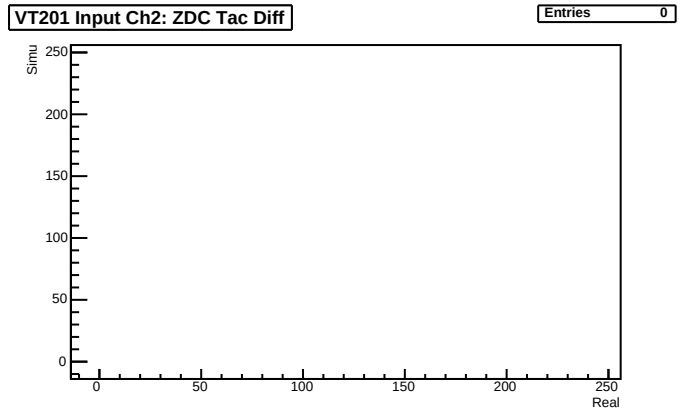

VT201 Input Ch1: EPD Tac Diff
Entries 624022
Tac

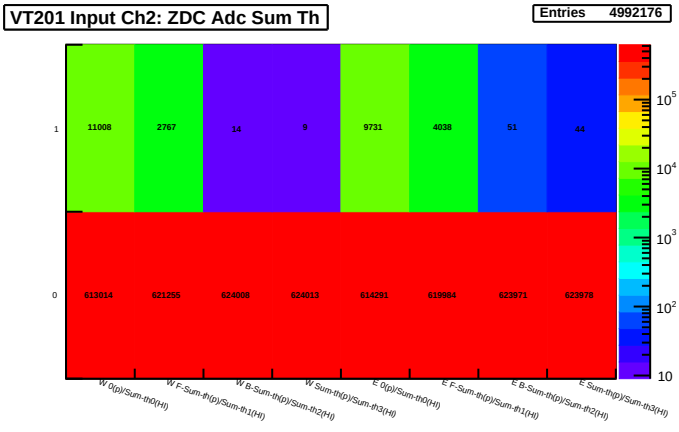

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

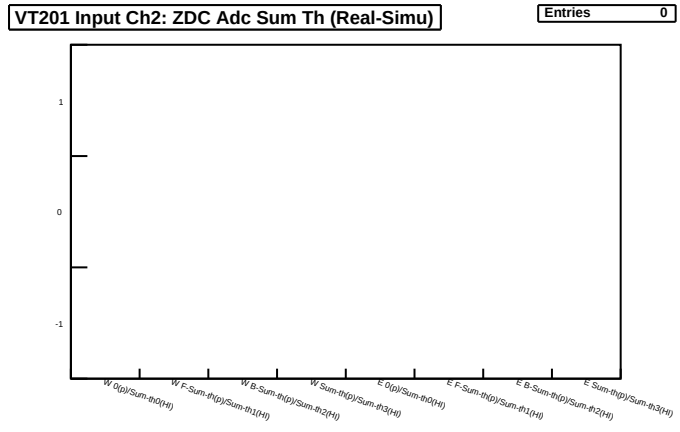

VT201 Input Ch1: EPD Hit Count Th
Entries 1248044
618229
616249
5793
7773
East
West

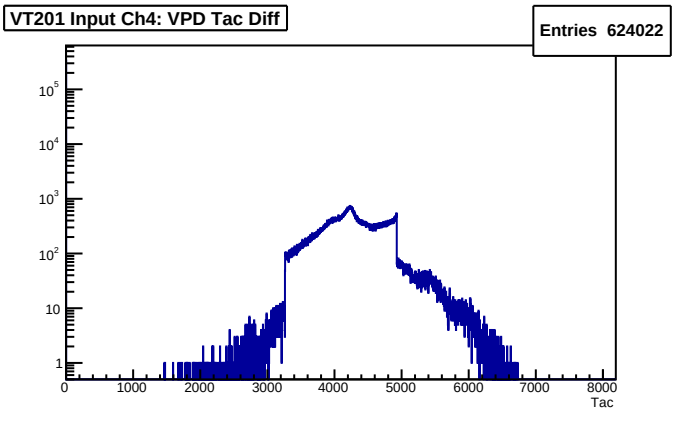

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

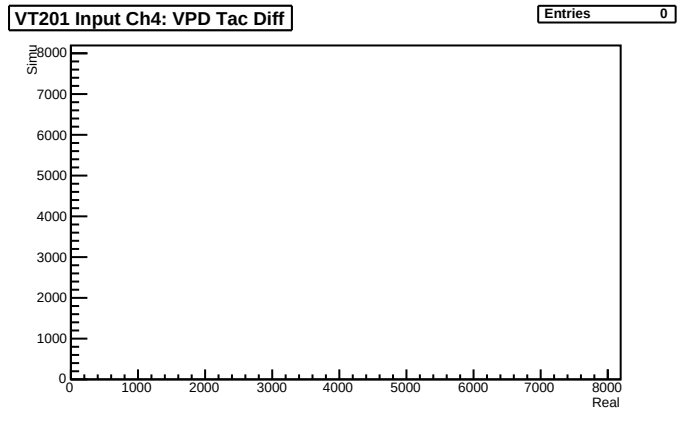

VT201 Input Ch2: ZDC Tac Diff
Entries 624022
Tac

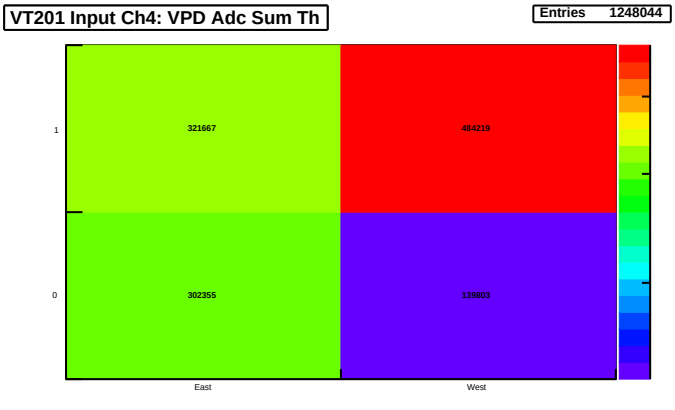

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

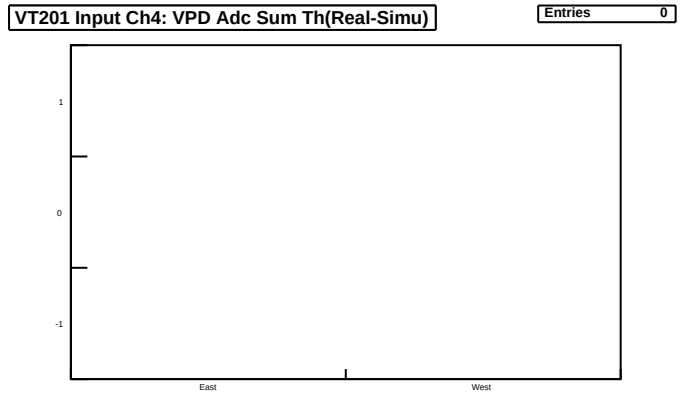

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4992176
11008
2767
14
9
9731
4038
51
44
613014
621255
624008
624013
614291
619984
623971
623978
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

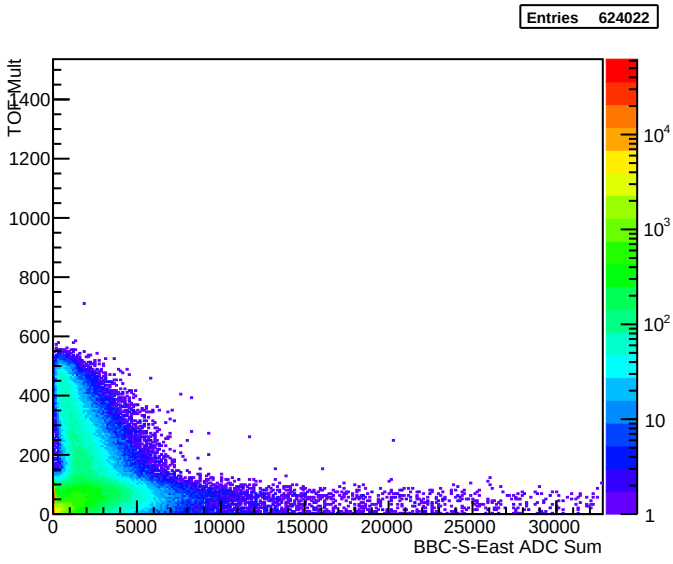

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

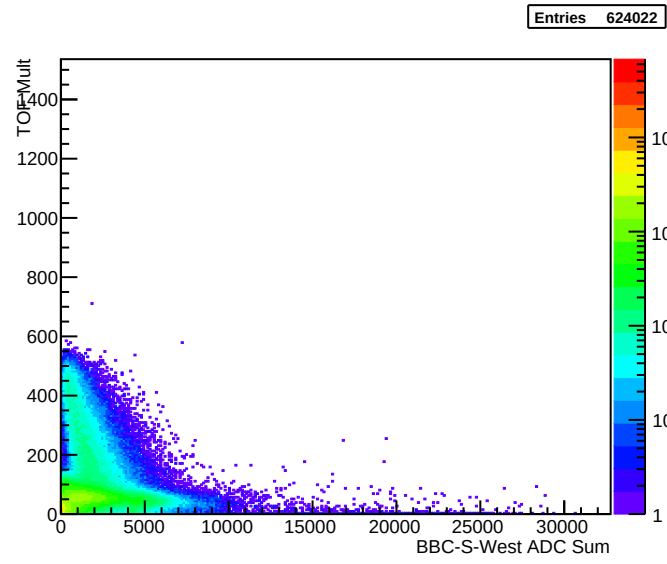

VT201 Input Ch4: VPD Tac Diff
Entries 624022
Tac

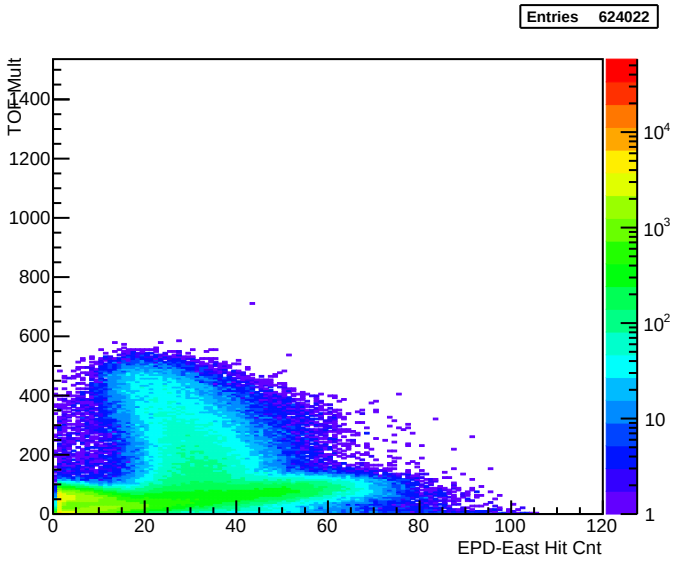

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

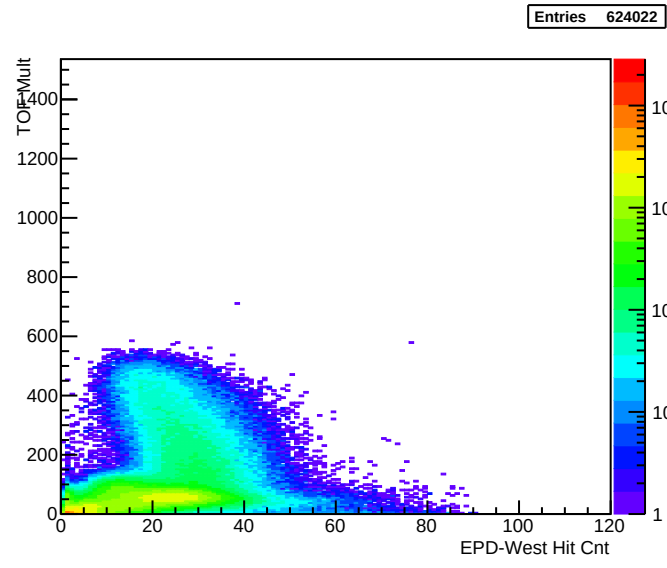

VT201 Input Ch4: VPD Adc Sum Th
Entries 1248044
321667
484219
302355
139803
East
West

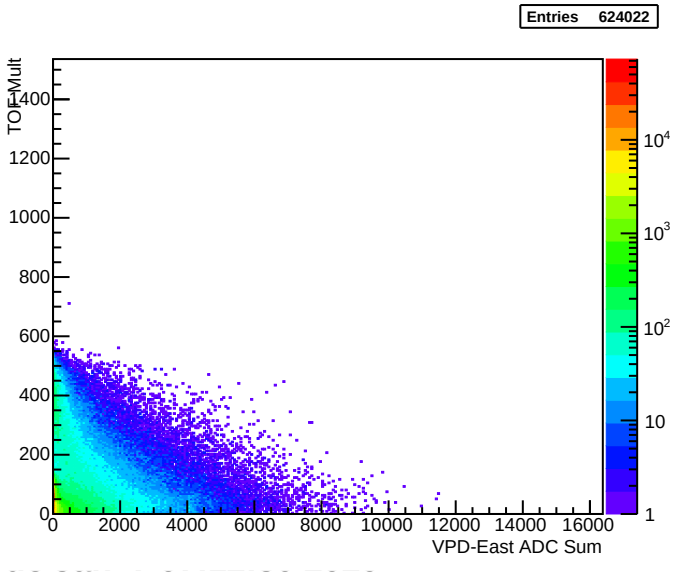

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

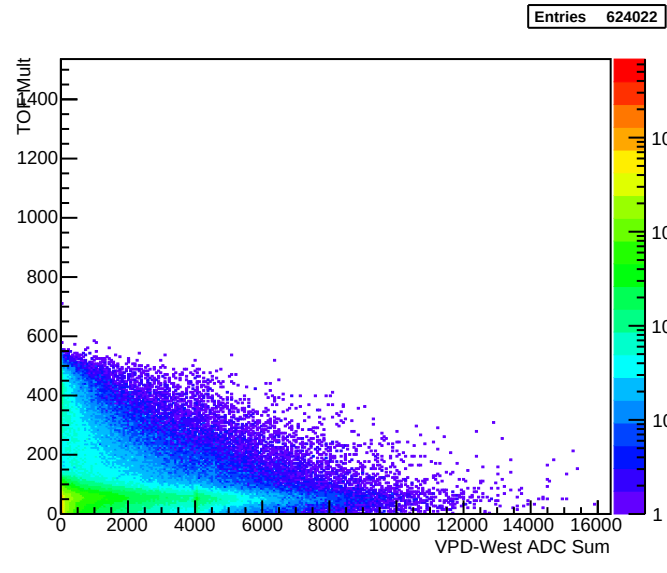

Entries 624022
TOF-Mult
BBC-S-East ADC Sum

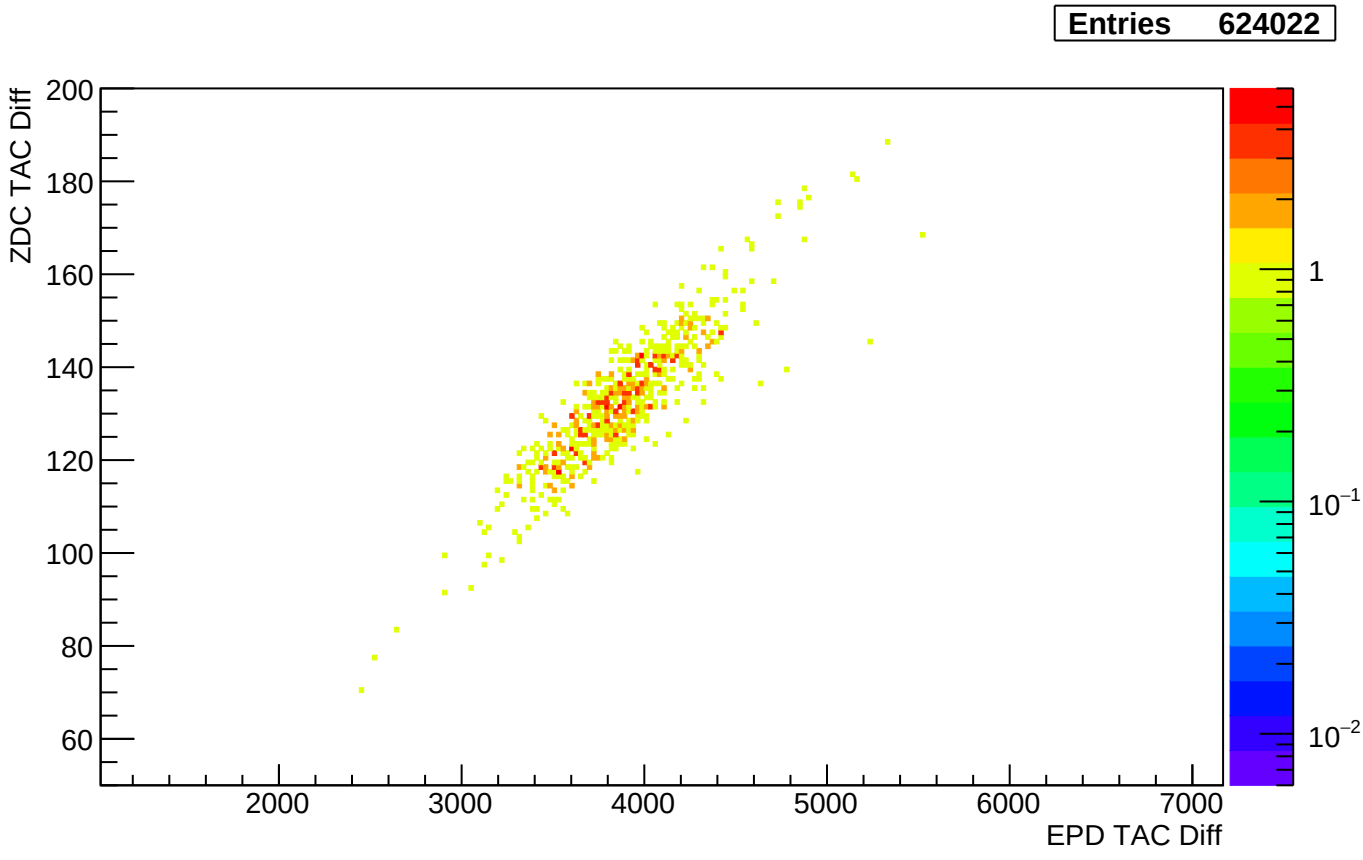

Entries 624022
TOF-Mult
BBC-S-West ADC Sum

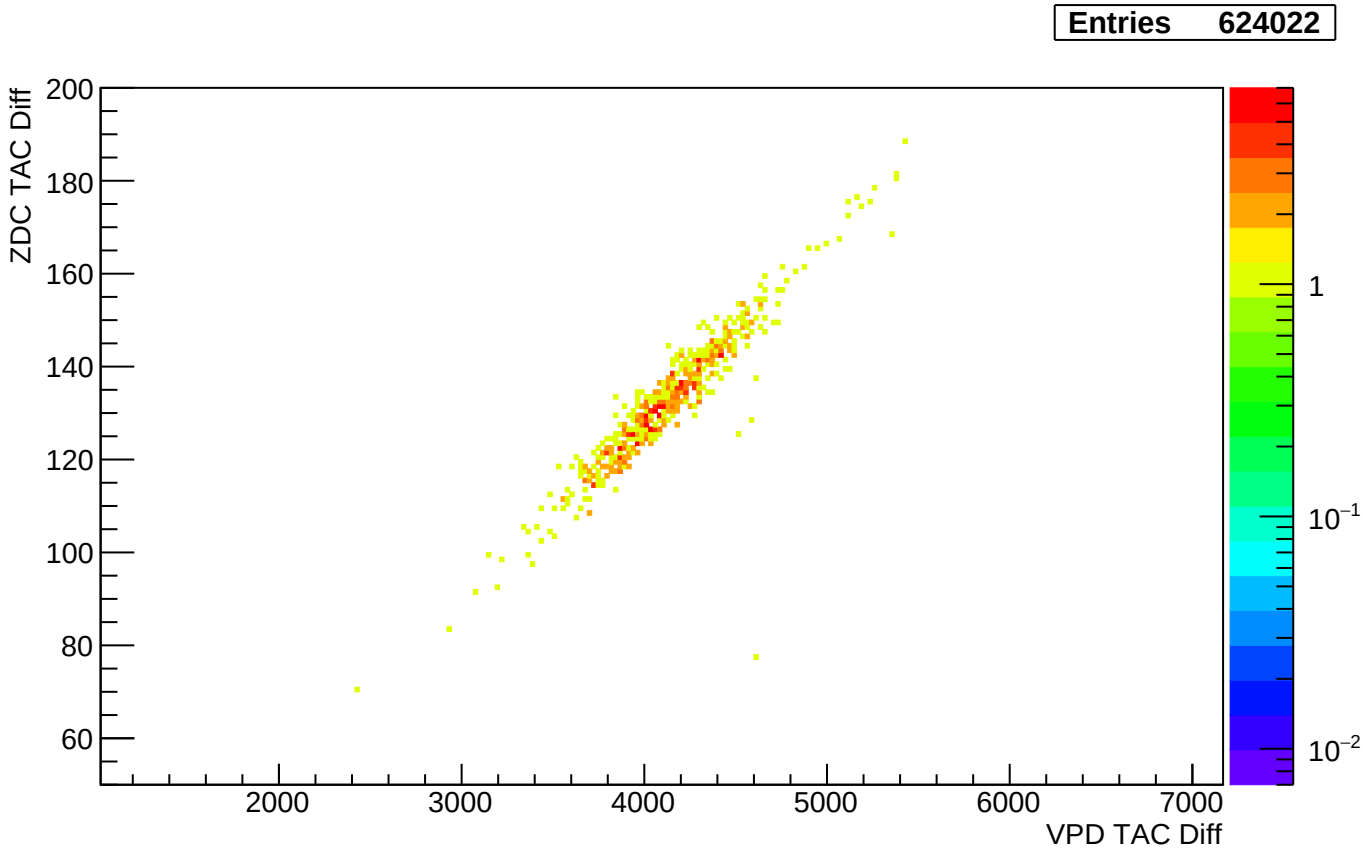

Entries 624022
TOF-Mult
EPD-East Hit Cnt

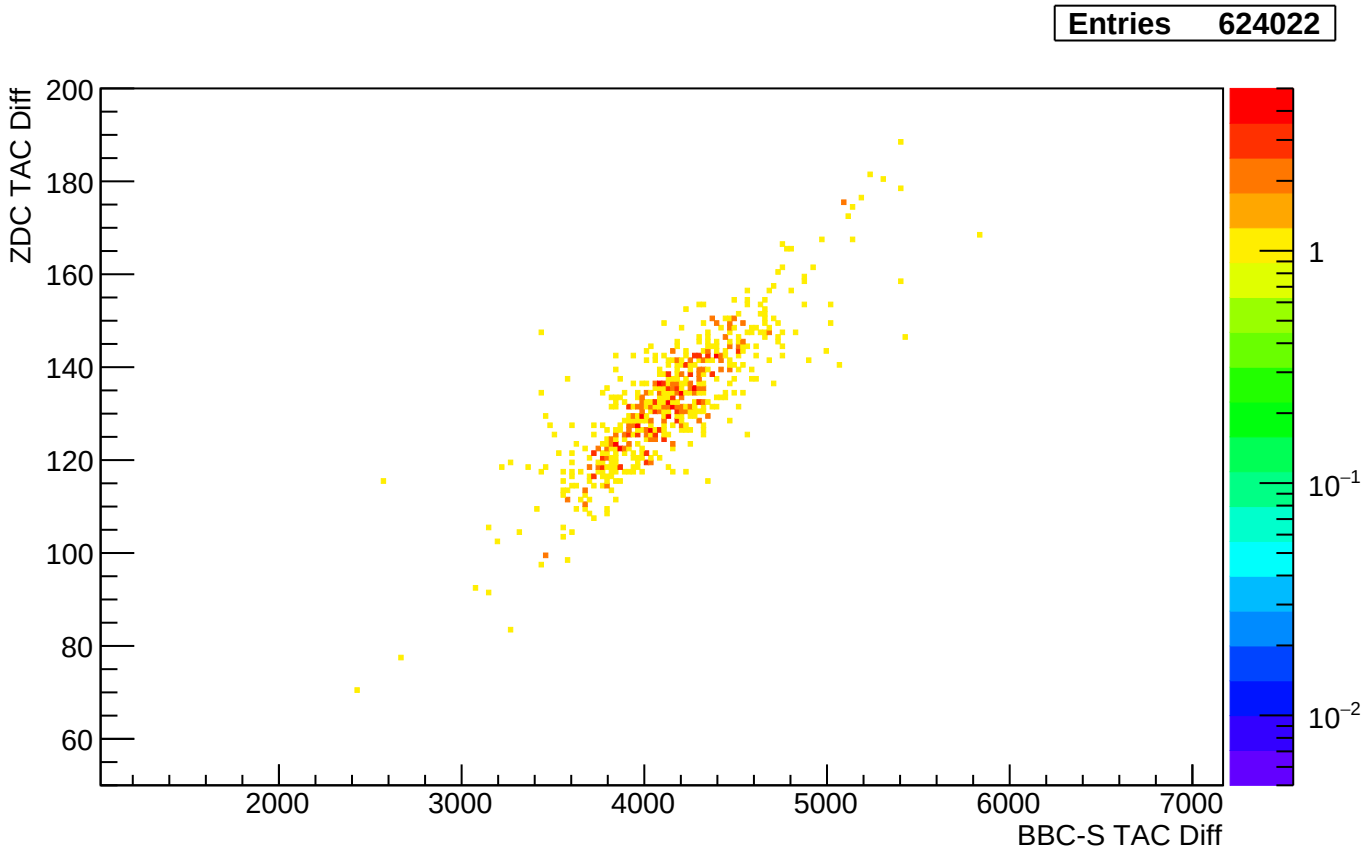

Entries 624022
TOF-Mult
EPD-West Hit Cnt

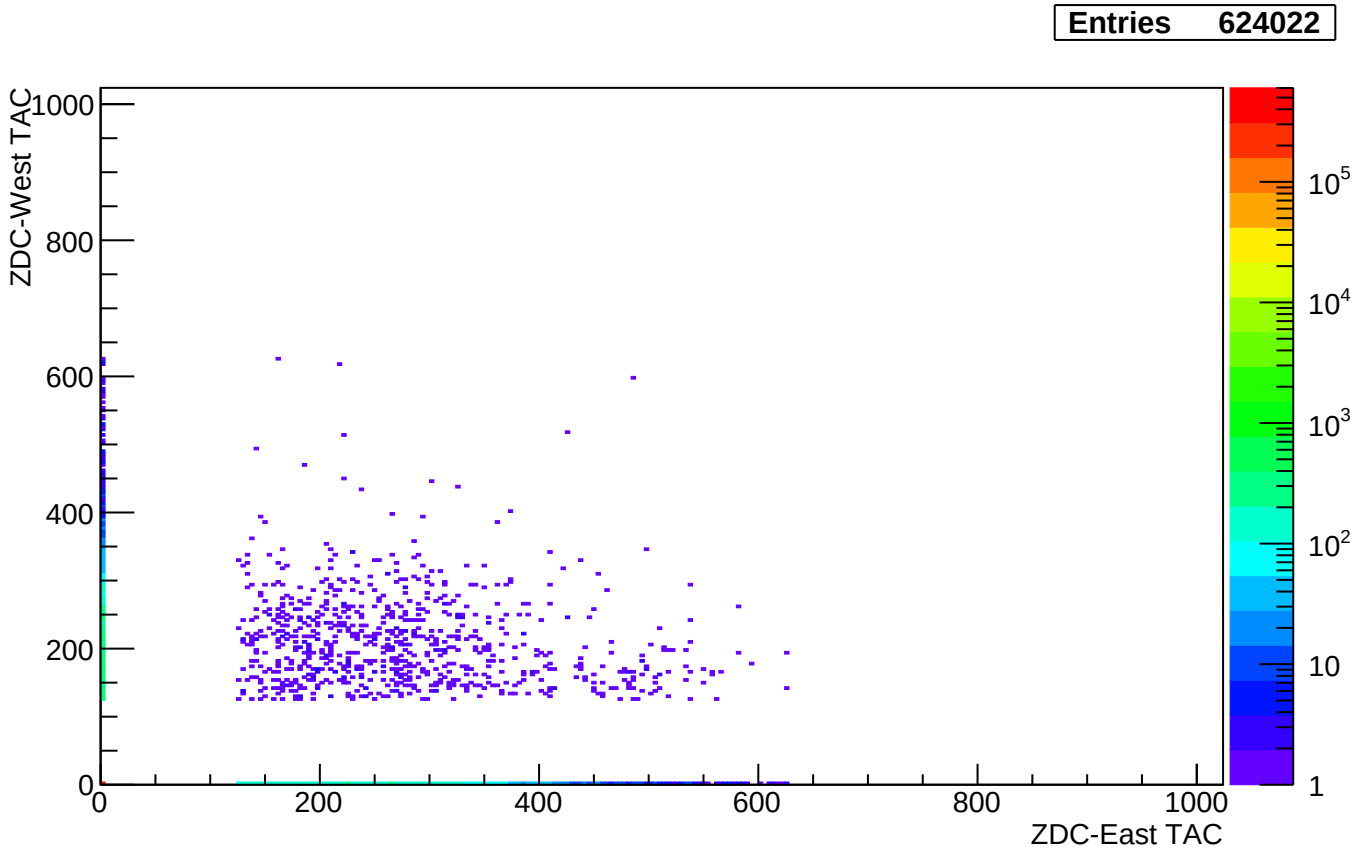

Entries 624022
TOF-Mult
VPD-East ADC Sum

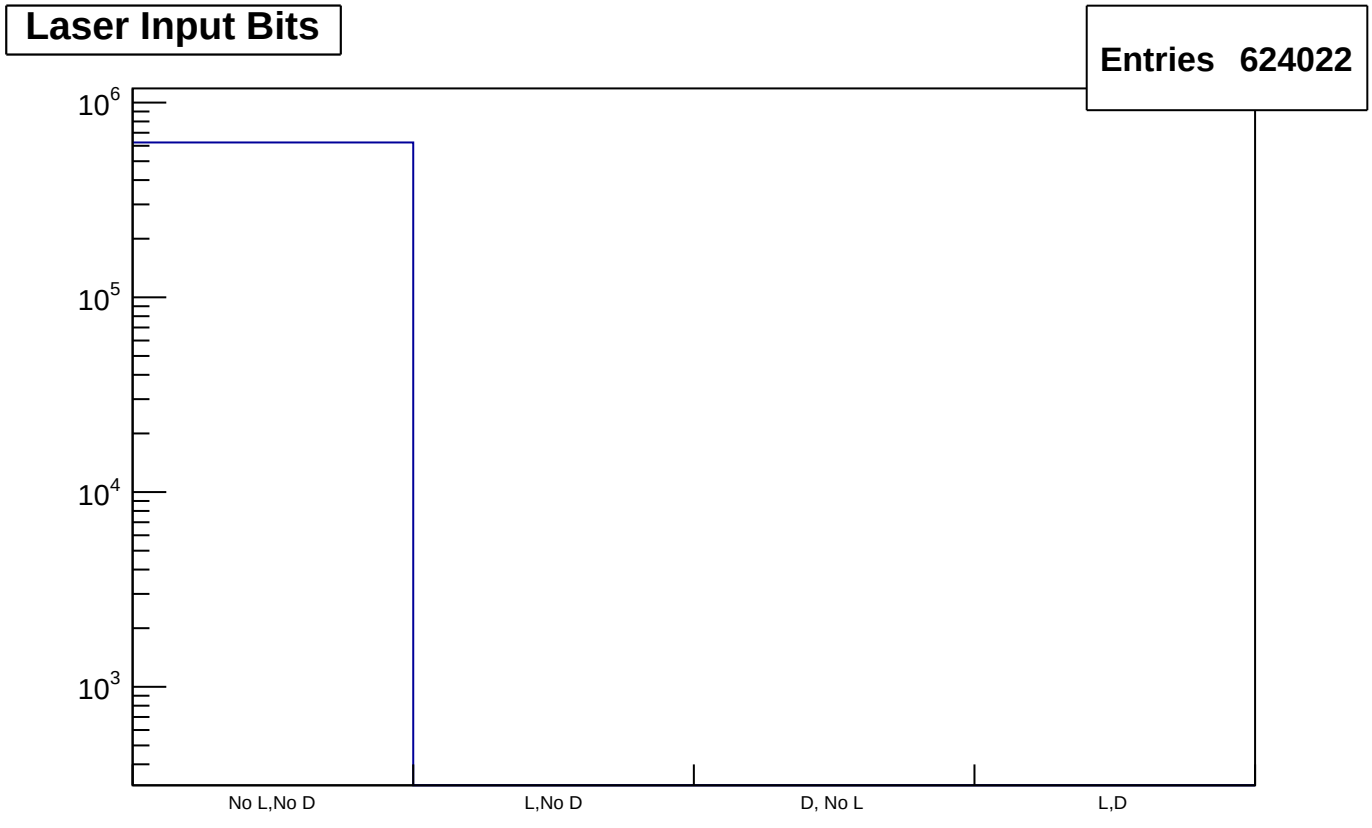

Entries 624022
TOF-Mult
VPD-West ADC Sum

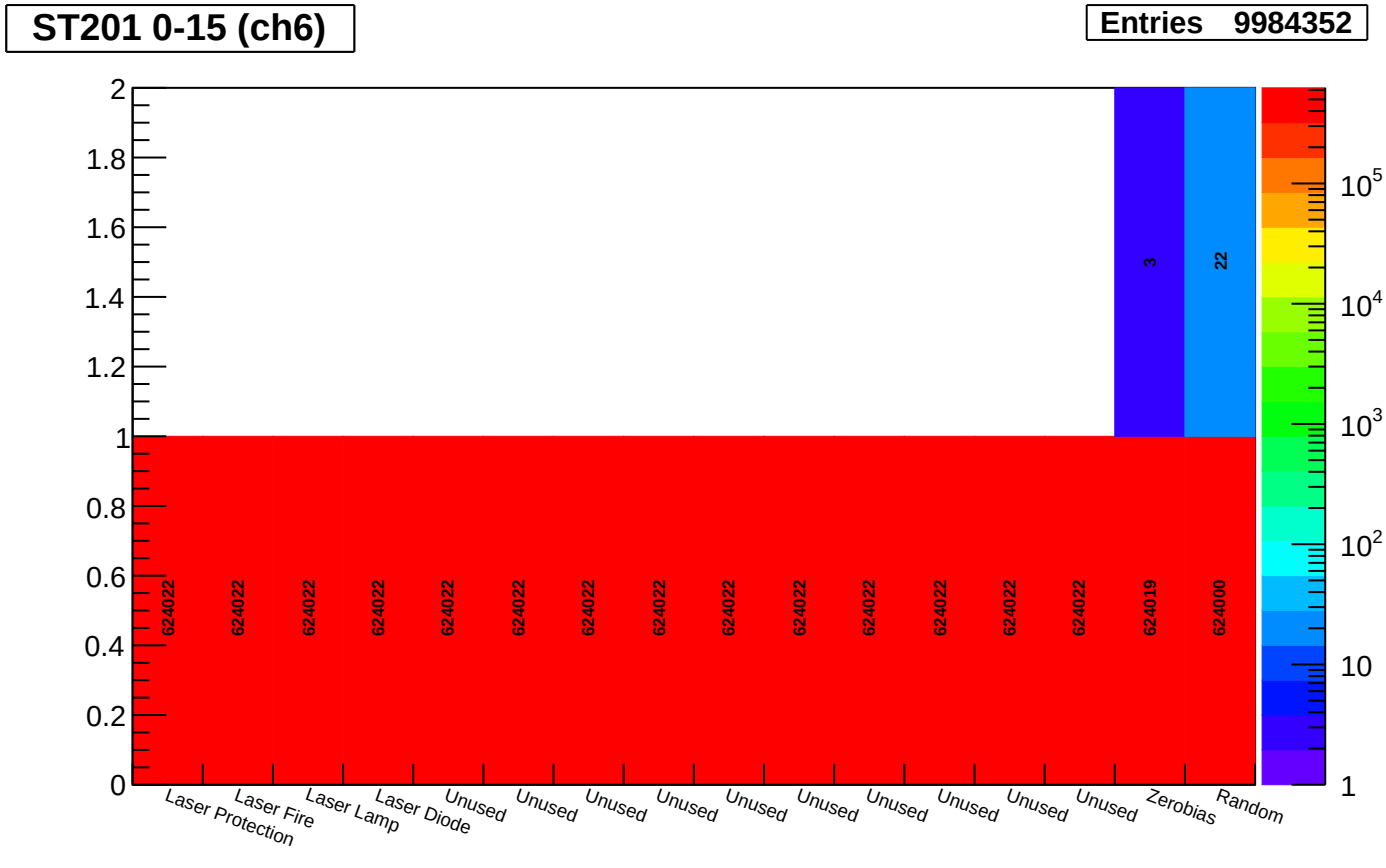

Entries 624022
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

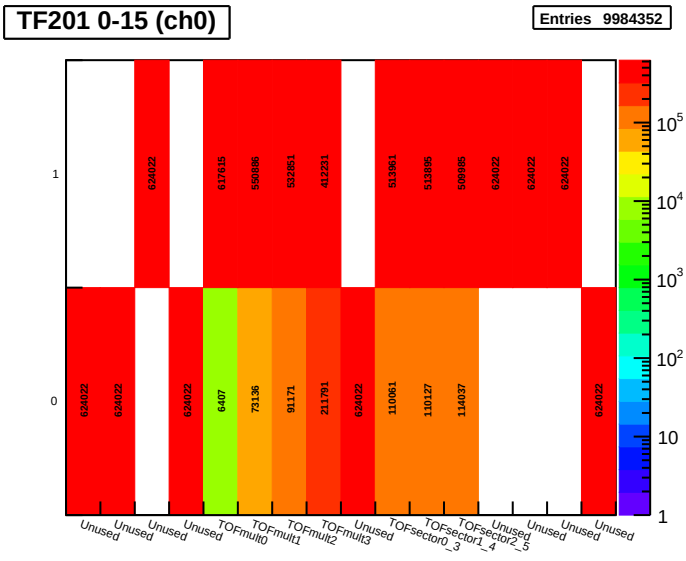

Entries 624022
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

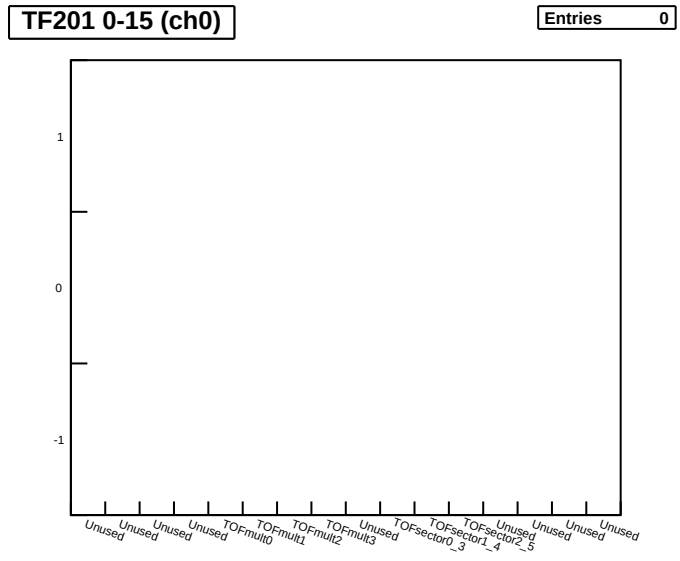

Entries 624022
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

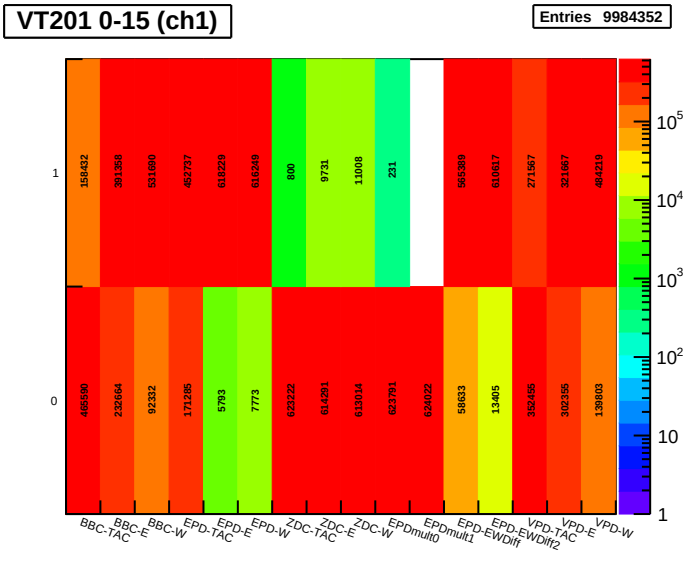

Entries 624022
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

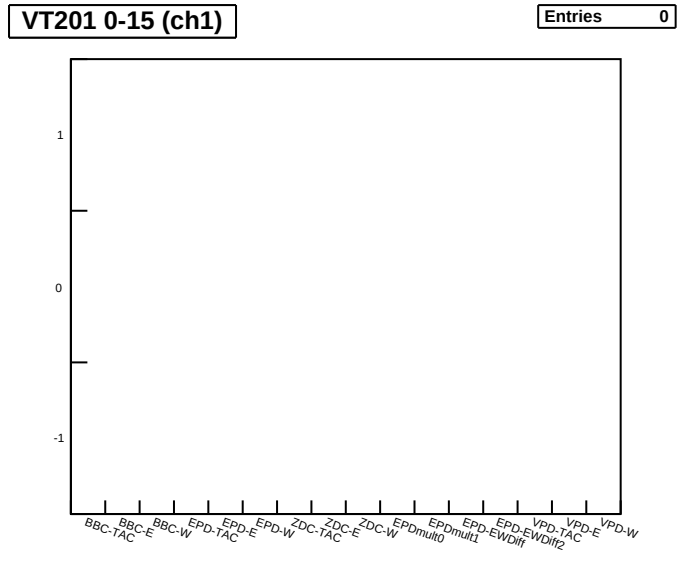

Laser Input Bits
Entries 624022
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

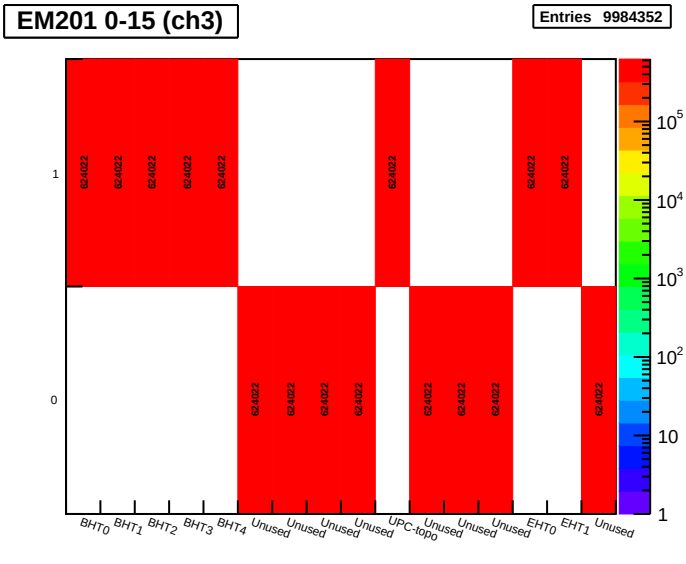

ST201 0-15 (ch6)
Entries 9984352
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
624022
624022
624022
624022
624022
624022
624022
624022
624022
624022
624022
624022
624022
624022
624019
624000
3
22
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

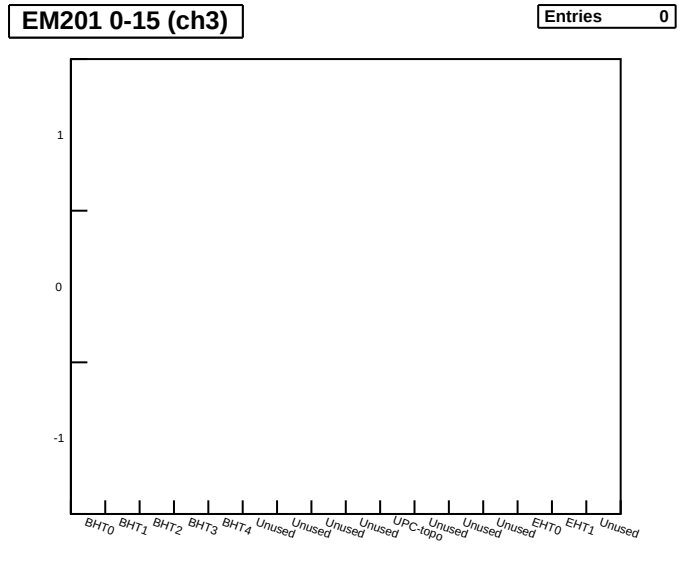

TF201 0-15 (ch0)
Entries 9984352
1
0
624022 624022 624022 624022 617615 550886 532851 412231 513861 513895 509985 624022 624022 624022
624022 624022 624022 6407 73136 91171 211791 624022 110061 110127 114037 624022
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 9984352
1
0
158432 391358 531690 452737 618229 616249 800 9731 11008 231 565389 610617 271567 321667 484219
466590 232664 92332 171285 5793 7773 622222 614291 613014 623791 624022 58633 13405 352455 302355 139803
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 9984352
1
0
624022 624022 624022 624022 624022 624022 624022 624022 624022
624022 624022 624022 624022 624022 624022 624022 624022
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