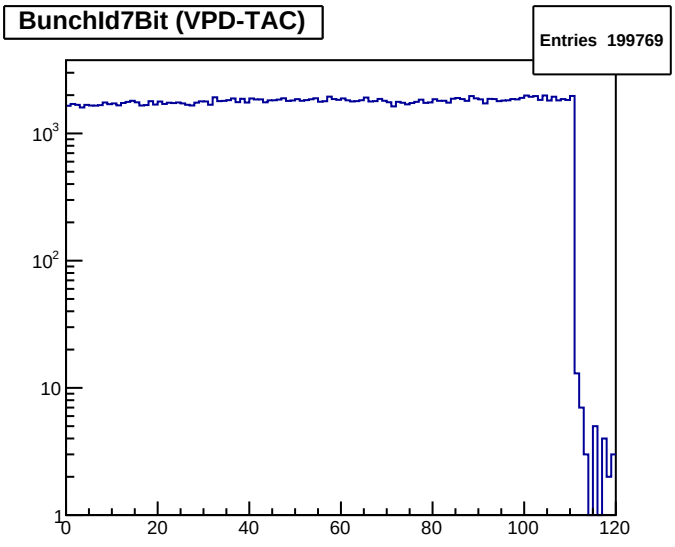
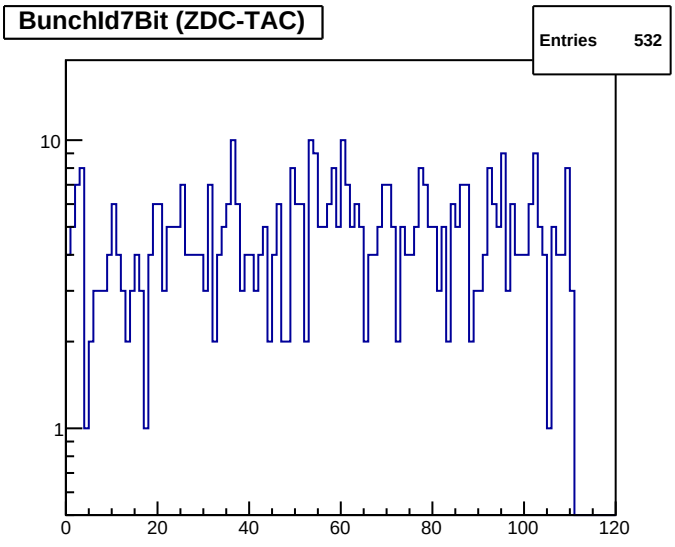
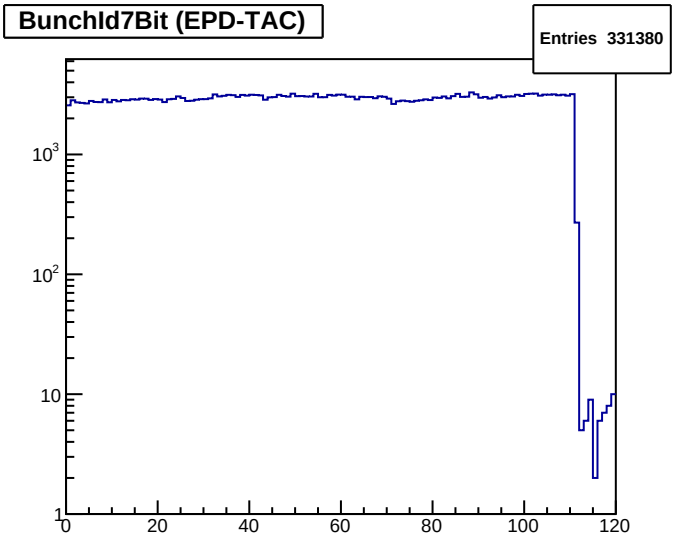
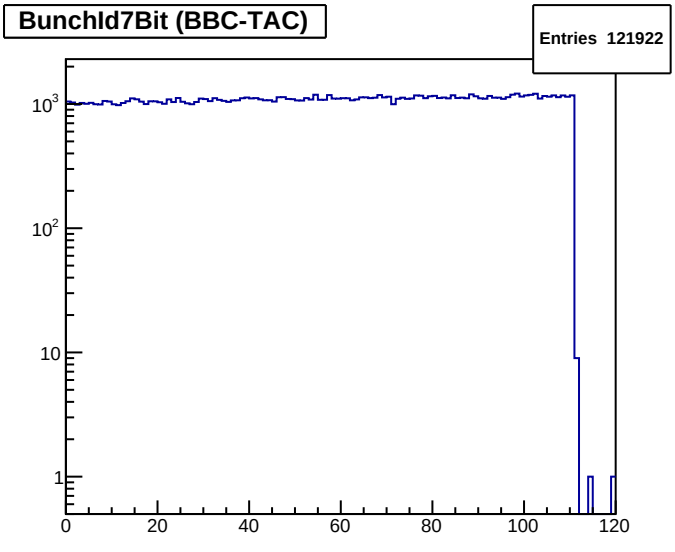
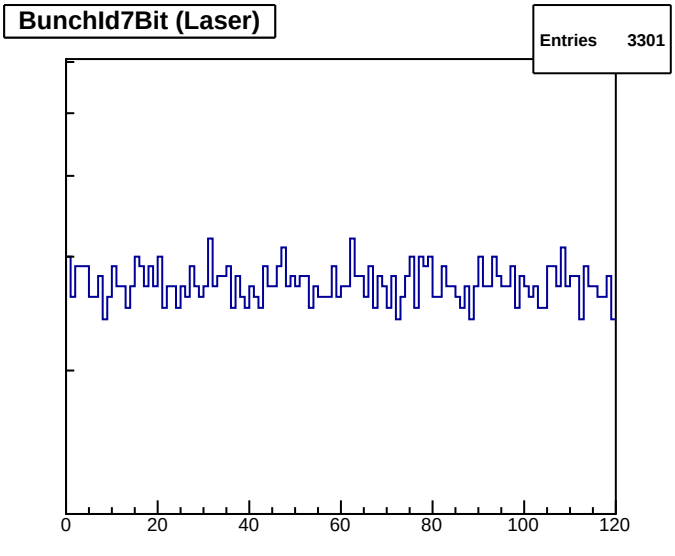
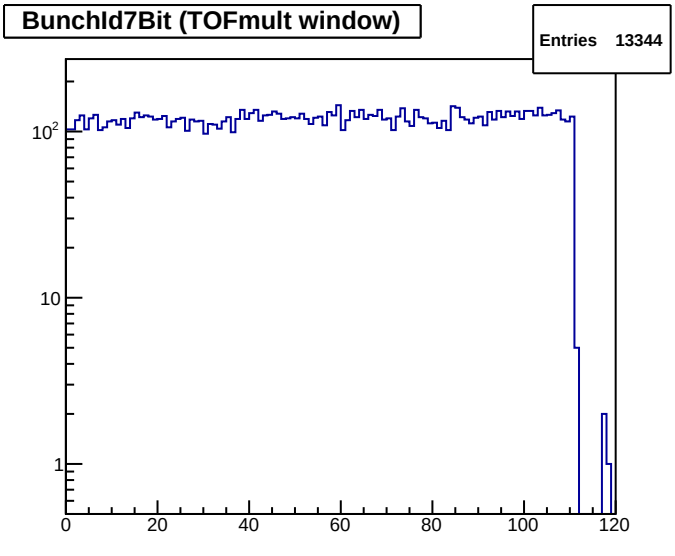

BunchId7Bit (VPD-TAC)
Entries 199769

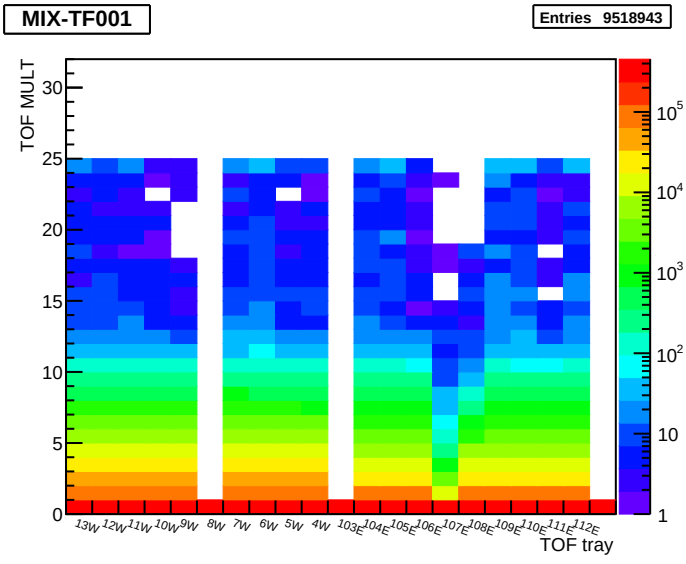

BunchId7Bit (ZDC-TAC)
Entries 532

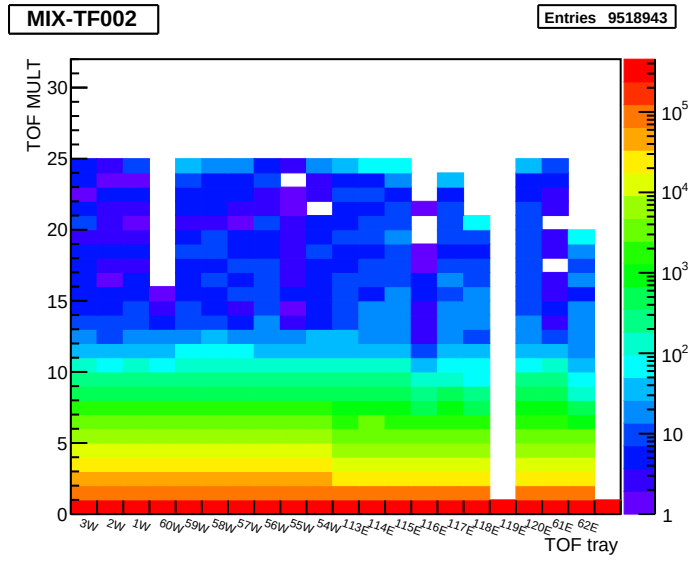

BunchId7Bit (EPD-TAC)
Entries 331380

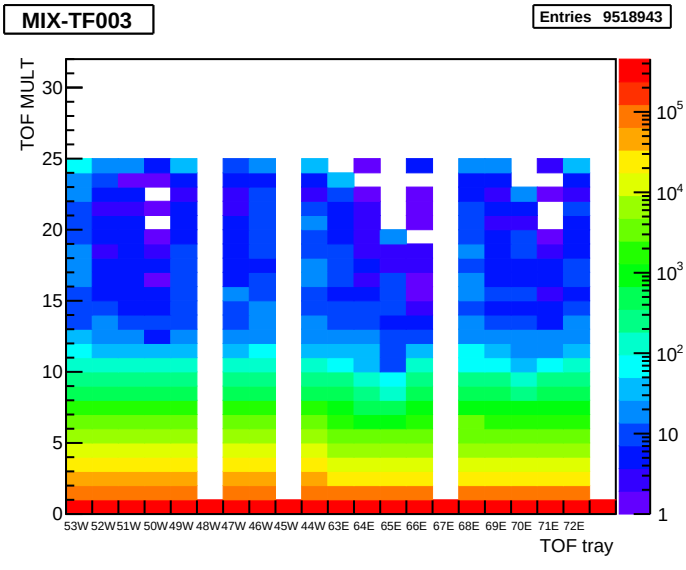

BunchId7Bit (BBC-TAC)
Entries 121922

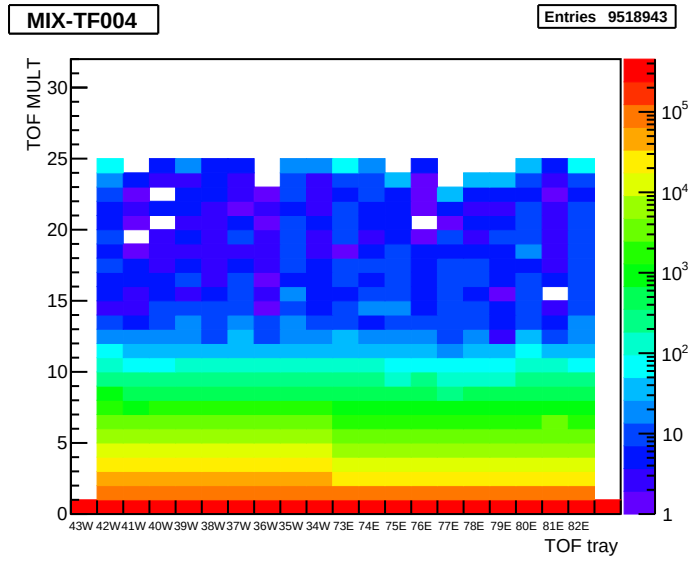

BunchId7Bit (Laser)
Entries 3301

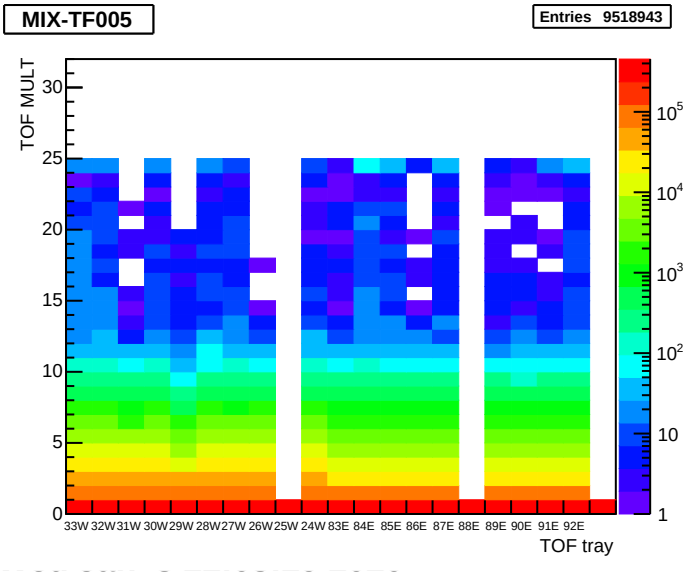

BunchId7Bit (TOFmult window)
Entries 13344

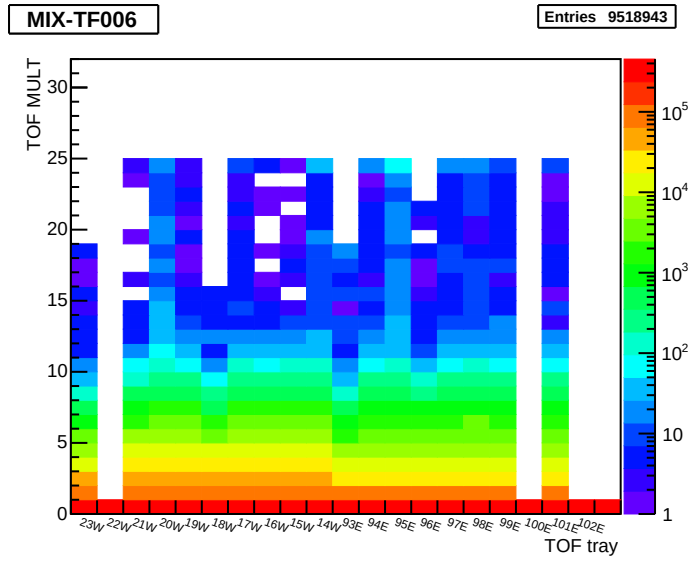

MIX-TF001
Entries 9518943
TOF MULT
TOF tray

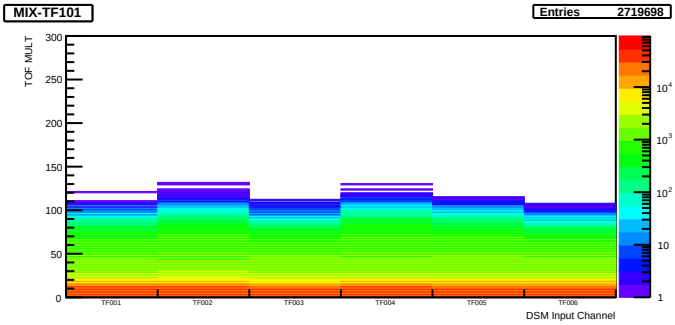

MIX-TF002
Entries 9518943
TOF MULT
TOF tray

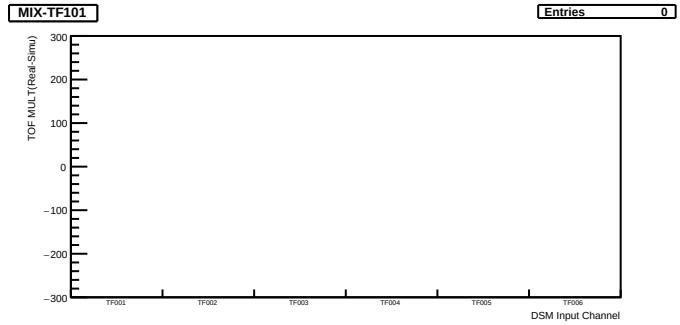

MIX-TF003
Entries 9518943
TOF MULT
TOF tray

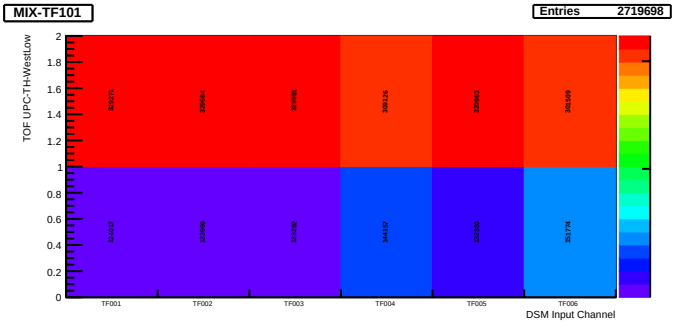

MIX-TF004
Entries 9518943
TOF MULT
TOF tray

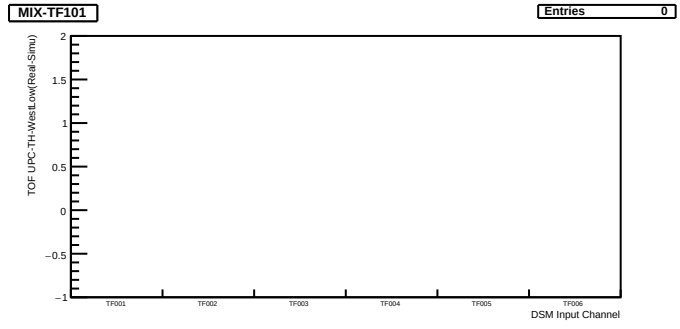

MIX-TF005
Entries 9518943
TOF MULT
TOF tray

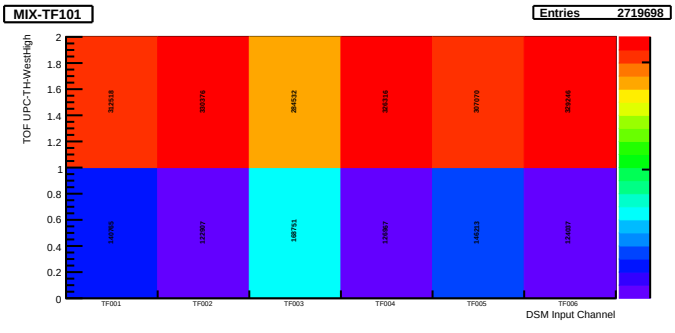

MIX-TF006
Entries 9518943
TOF MULT
TOF tray

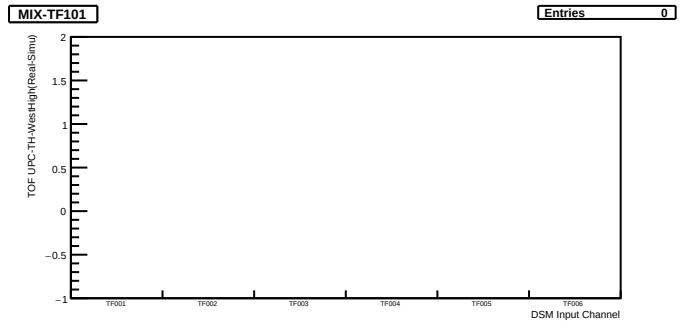

MIX-TF101
Entries 2719698
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

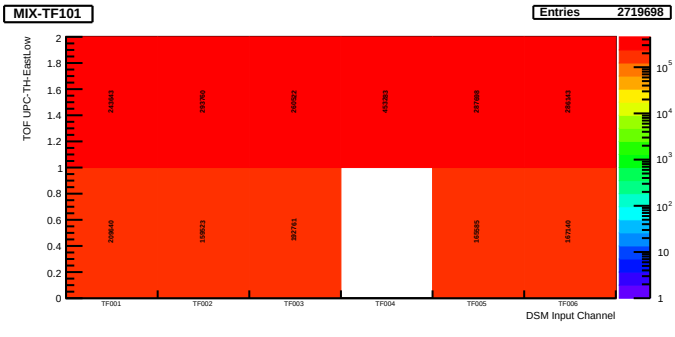

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

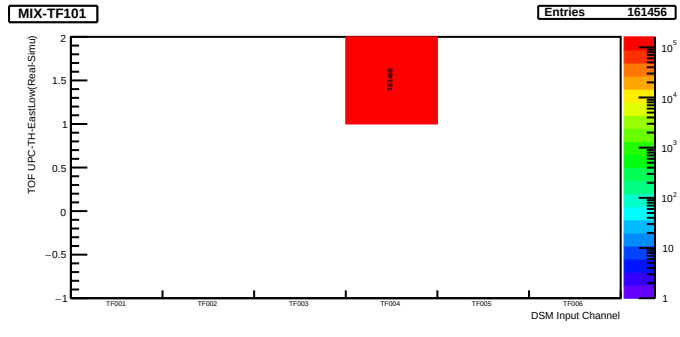

MIX-TF101
Entries 2719698
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

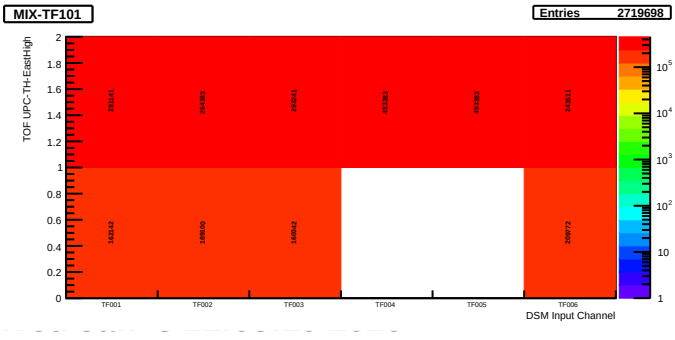

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

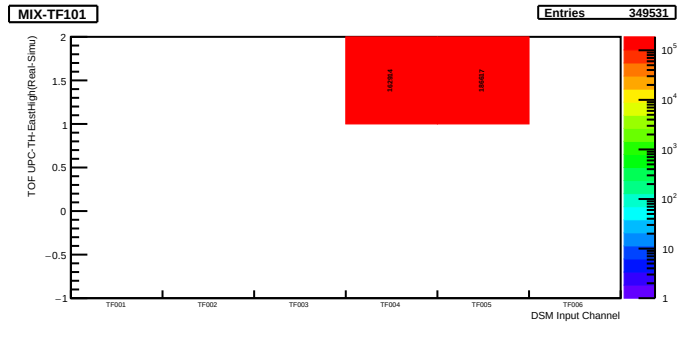

MIX-TF101
Entries 2719698
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

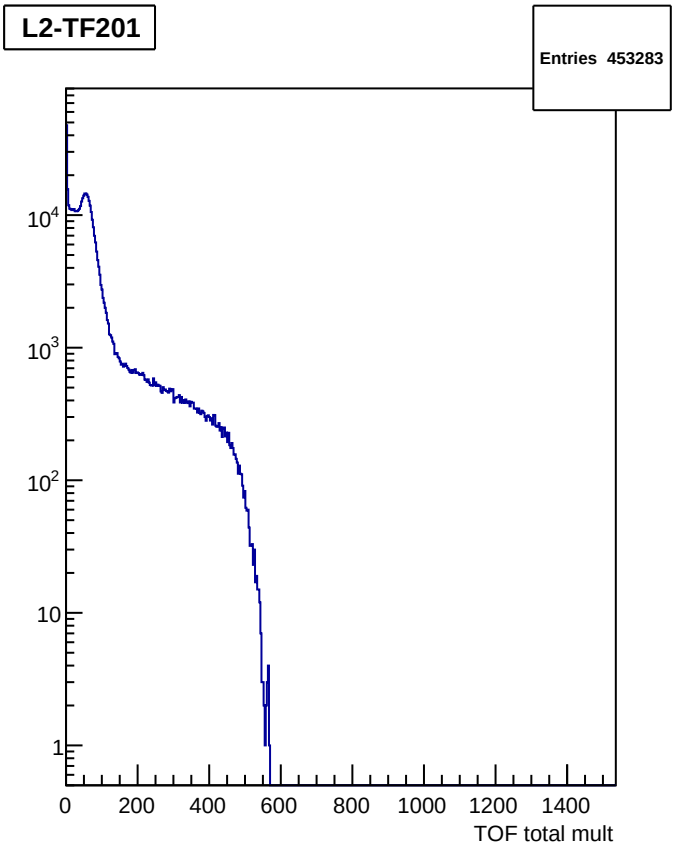

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

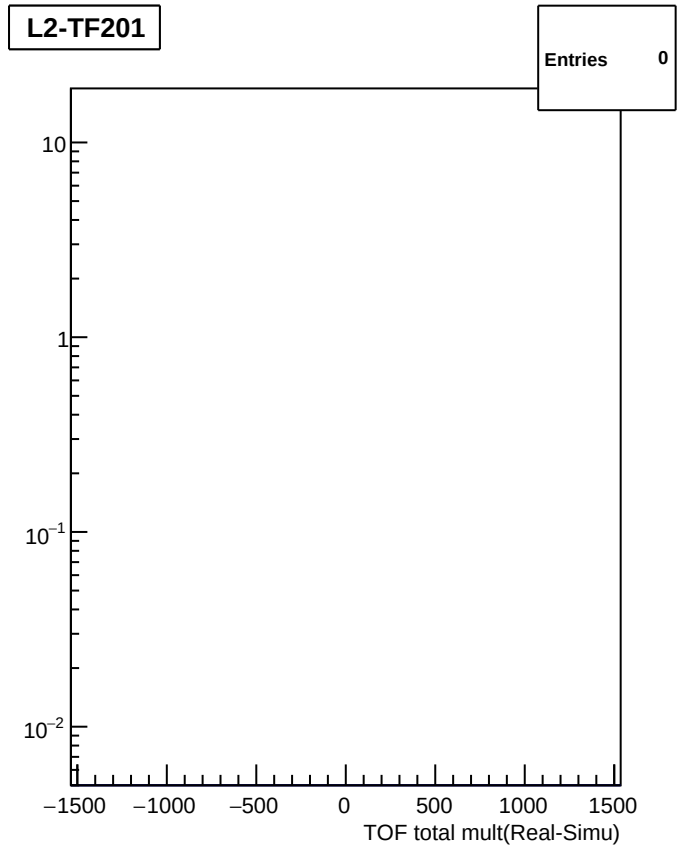

MIX-TF101
Entries 2719698
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

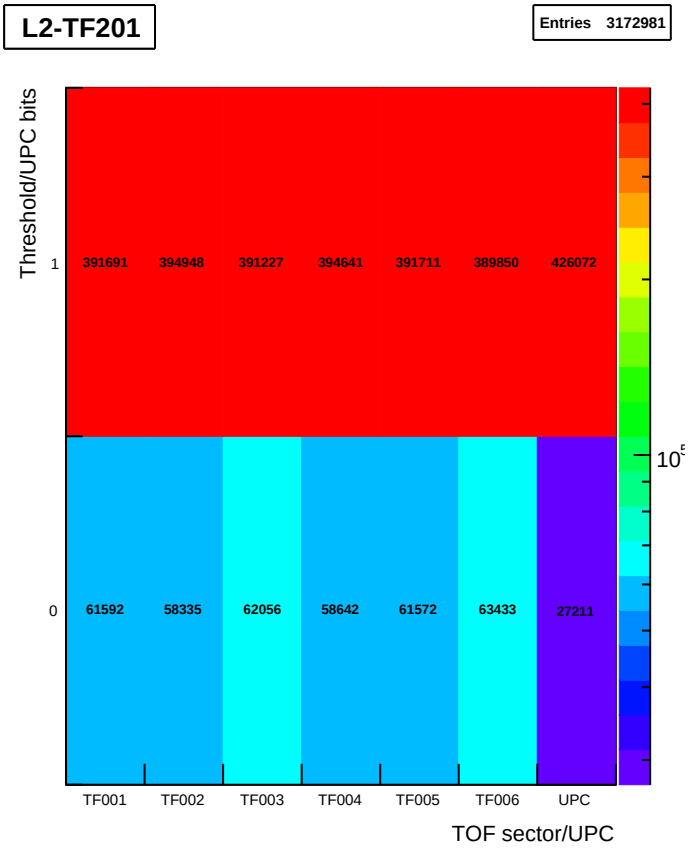

MIX-TF101
Entries 161456
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

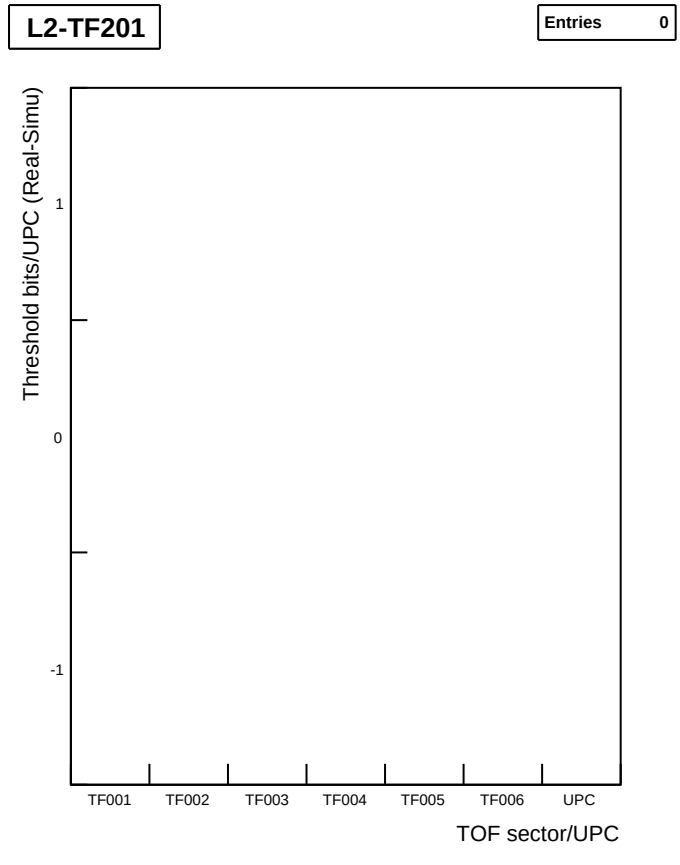

MIX-TF101
Entries 2719698
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

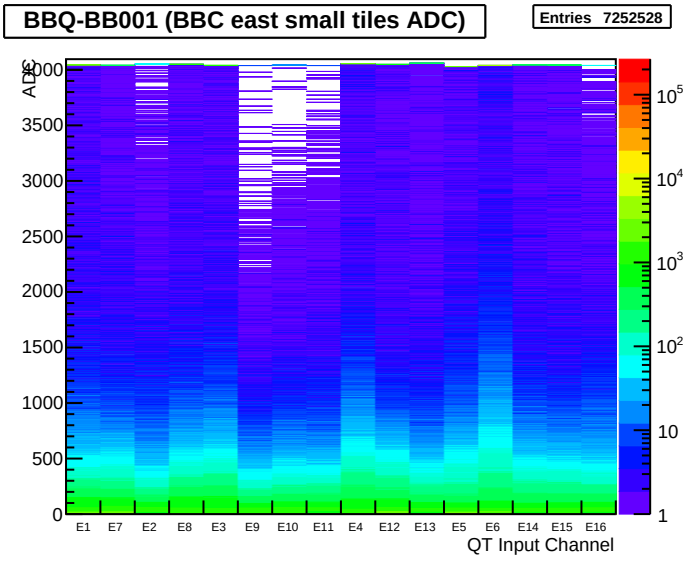

MIX-TF101
Entries 349531
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

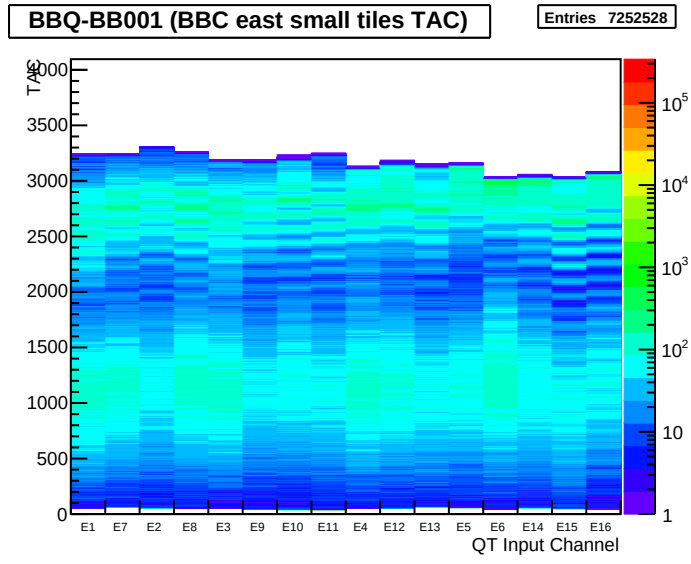

L2-TF201
Entries 453283
TOF total mult

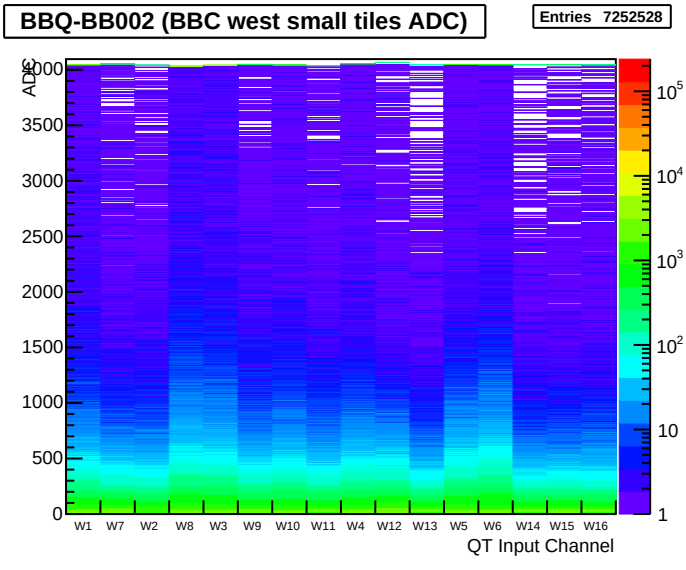

L2-TF201
Entries 0
TOF total mult(Real-Simu)

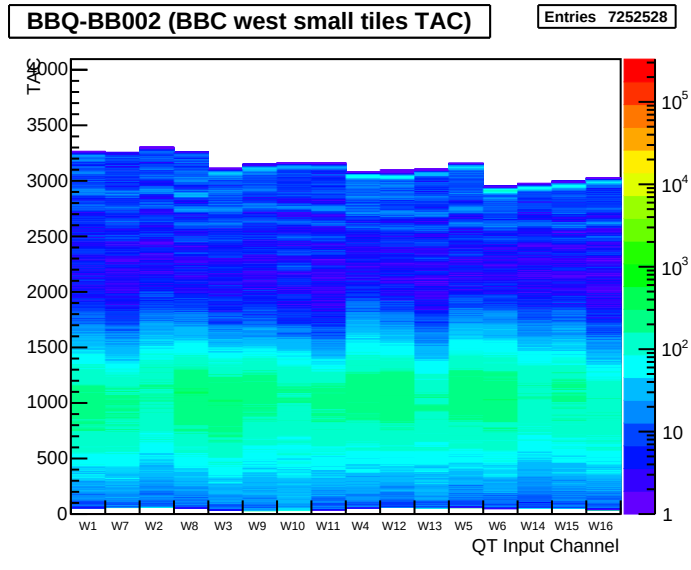

L2-TF201
Entries 3172981
Threshold/UPC bits
391691 394948 391227 394641 391711 389850 426072
61592 58335 62056 58642 61572 63433 27211
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

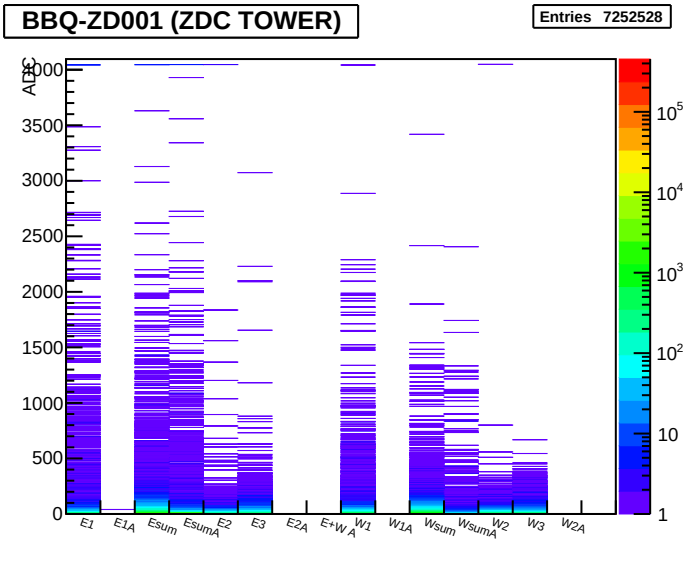

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

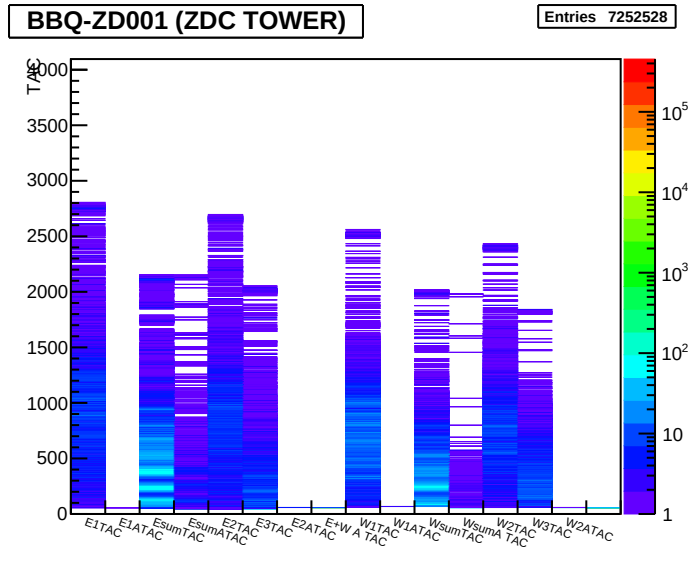

BBQ-BB001 (BBC east small tiles ADC)
Entries 7252528
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

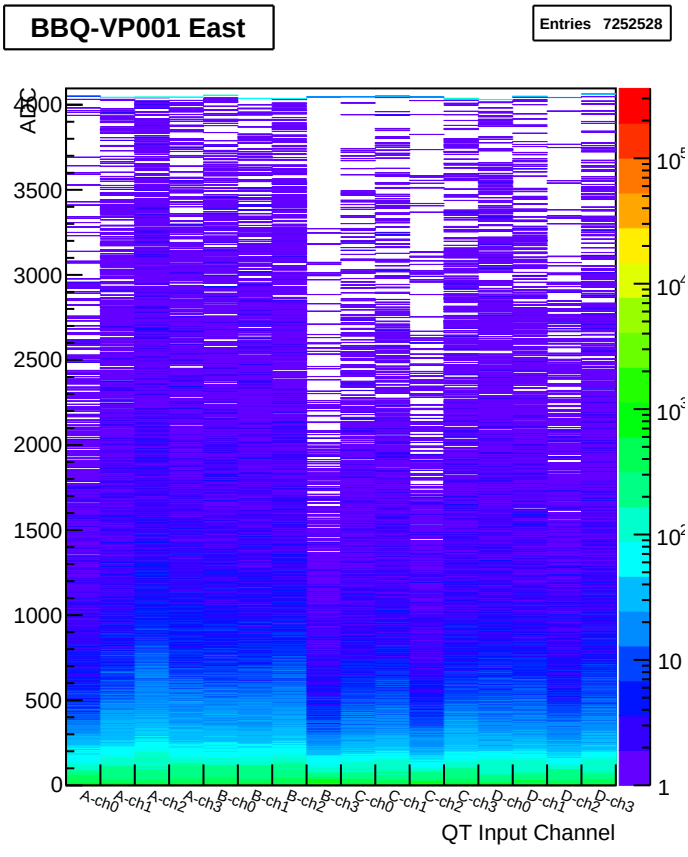

BBQ-BB001 (BBC east small tiles TAC)
Entries 7252528
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

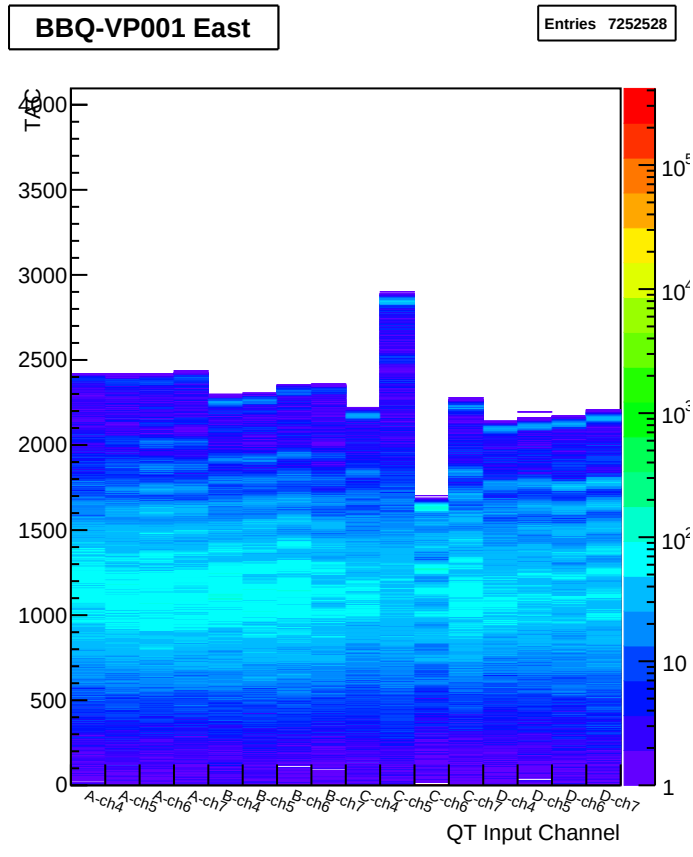

BBQ-BB002 (BBC west small tiles ADC)
Entries 7252528
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

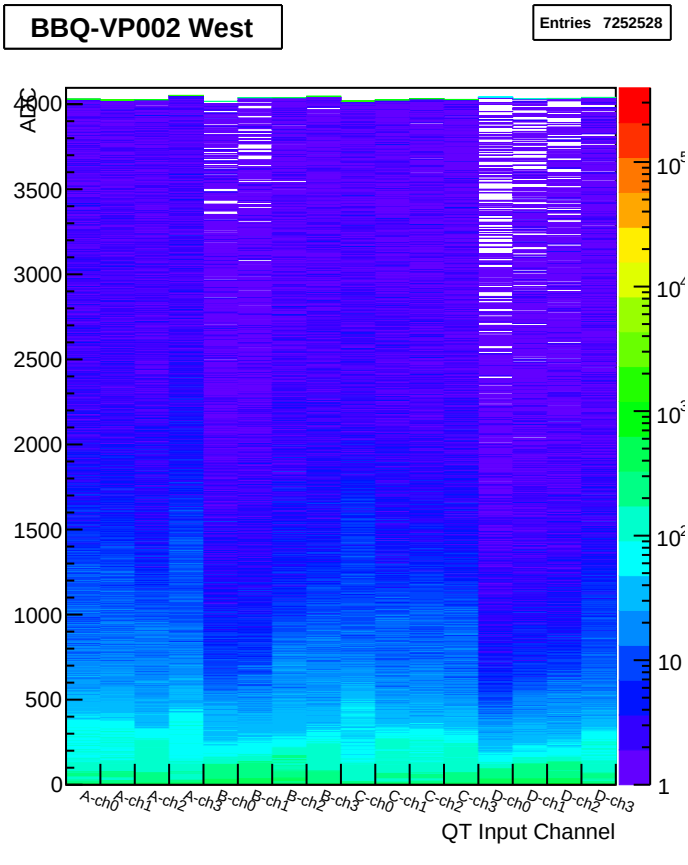

BBQ-BB002 (BBC west small tiles TAC)
Entries 7252528
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

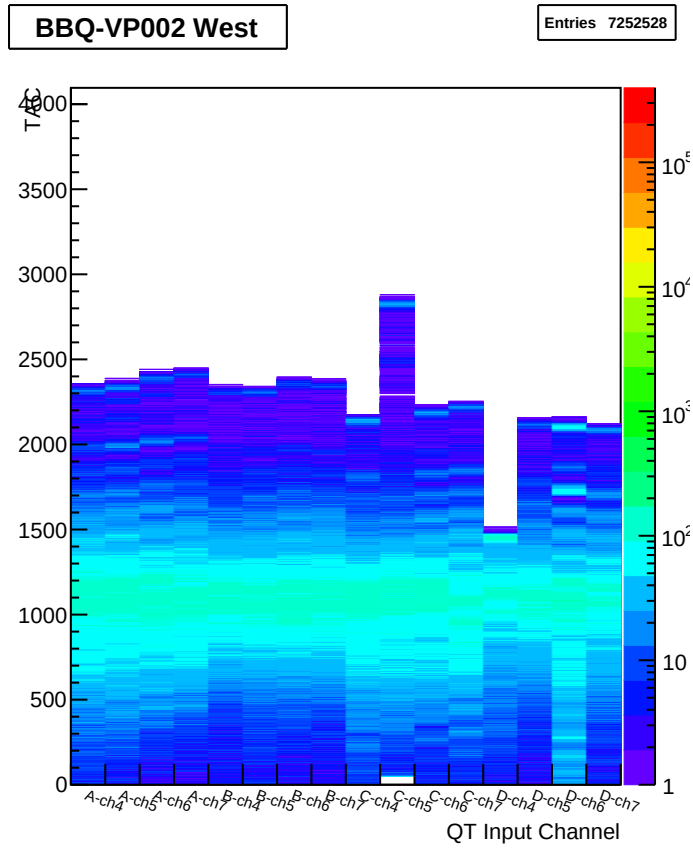

BBQ-ZD001 (ZDC TOWER)
Entries 7252528
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

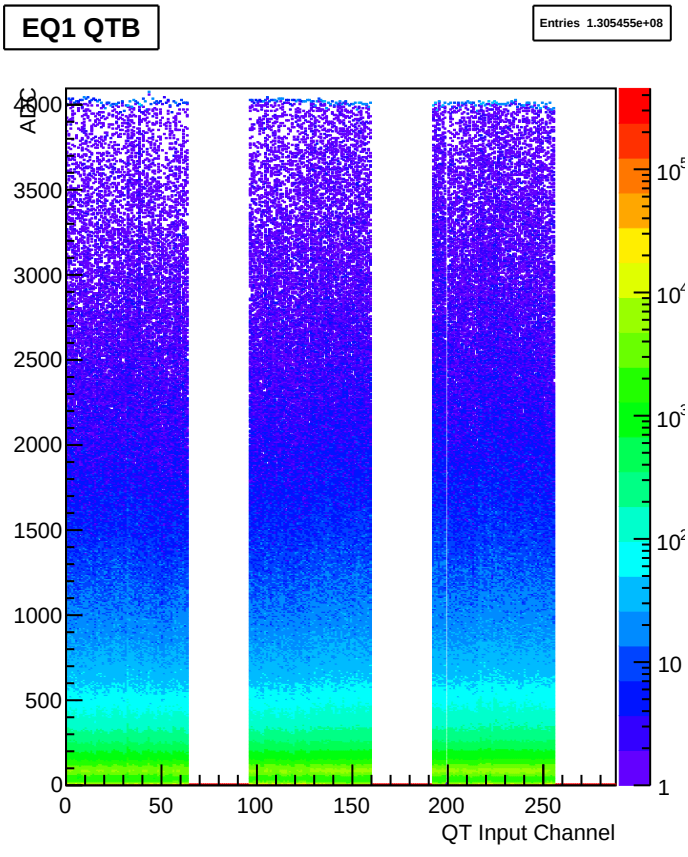

BBQ-ZD001 (ZDC TOWER)
Entries 7252528
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

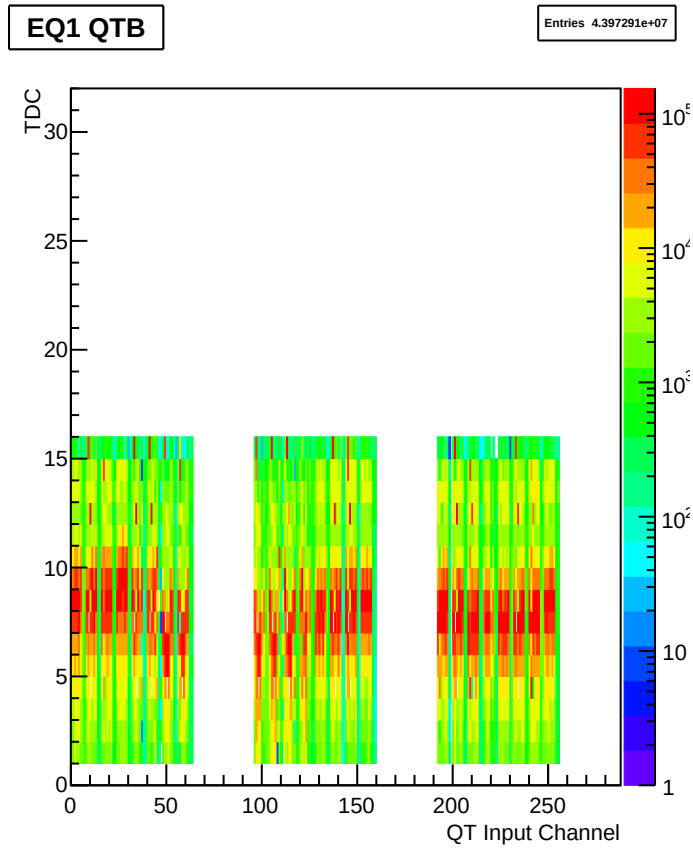

BBQ-VP001 East
Entries 7252528
ADC
QT Input Channel

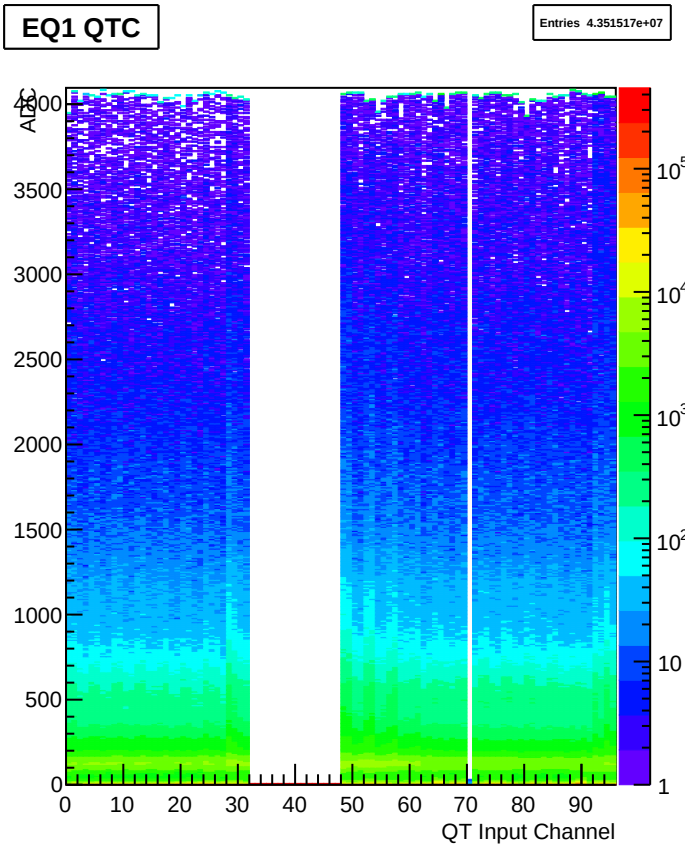

BBQ-VP001 East
Entries 7252528
TADC
QT Input Channel

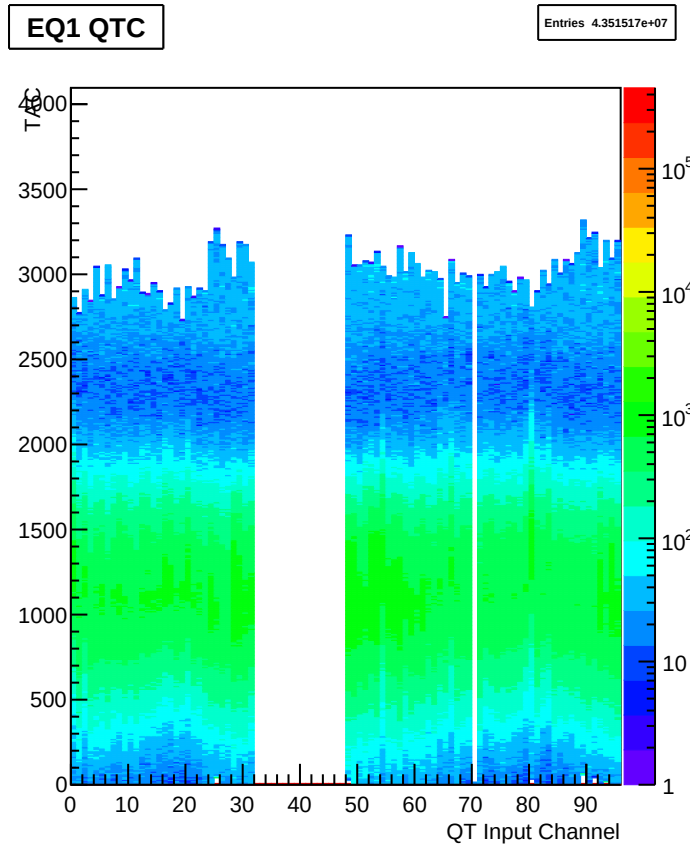

BBQ-VP002 West
Entries 7252528
ADC
QT Input Channel

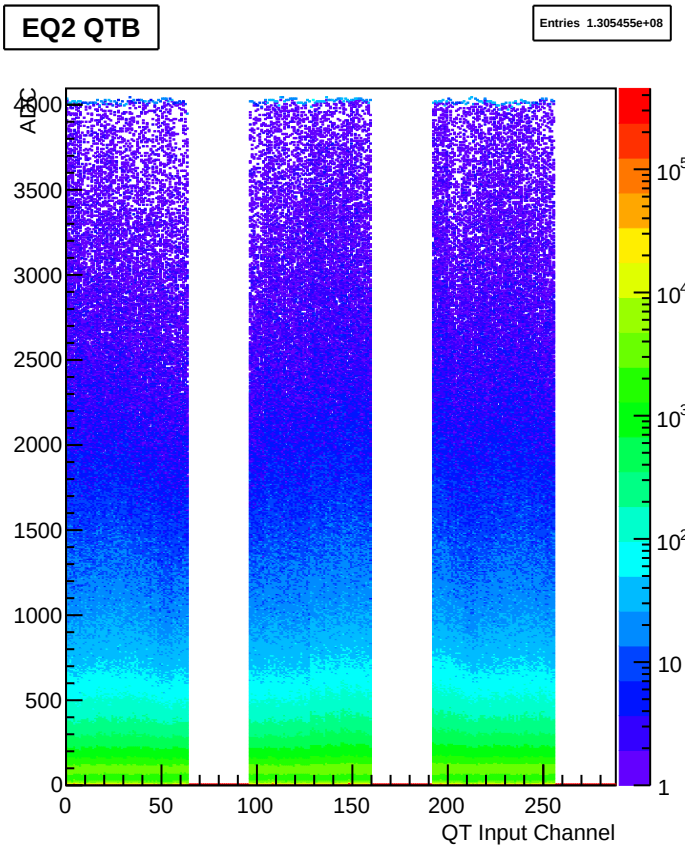

BBQ-VP002 West
Entries 7252528
TADC
QT Input Channel

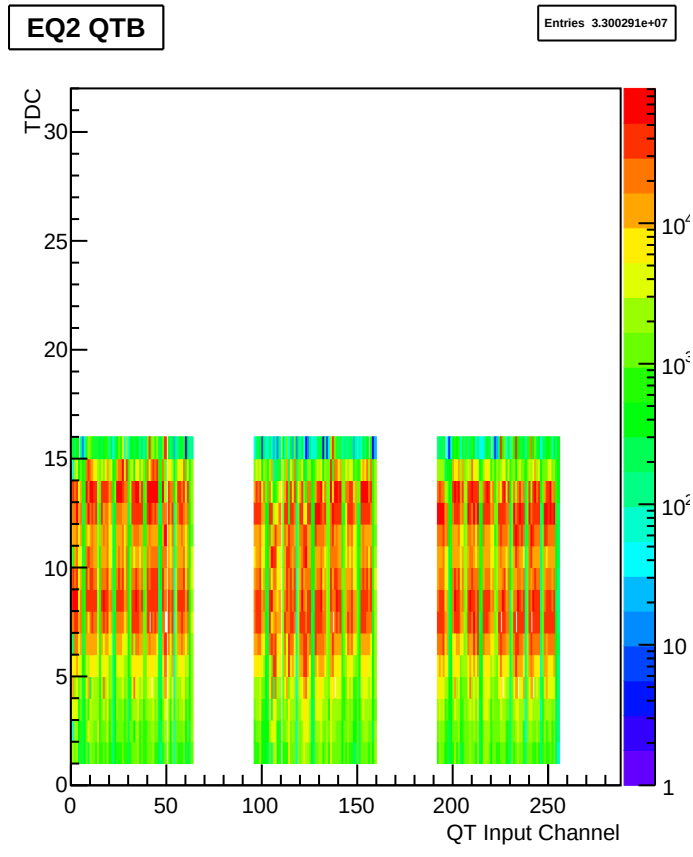

EQ1 QTB
Entries 1.305455e+08
ADC
QT Input Channel

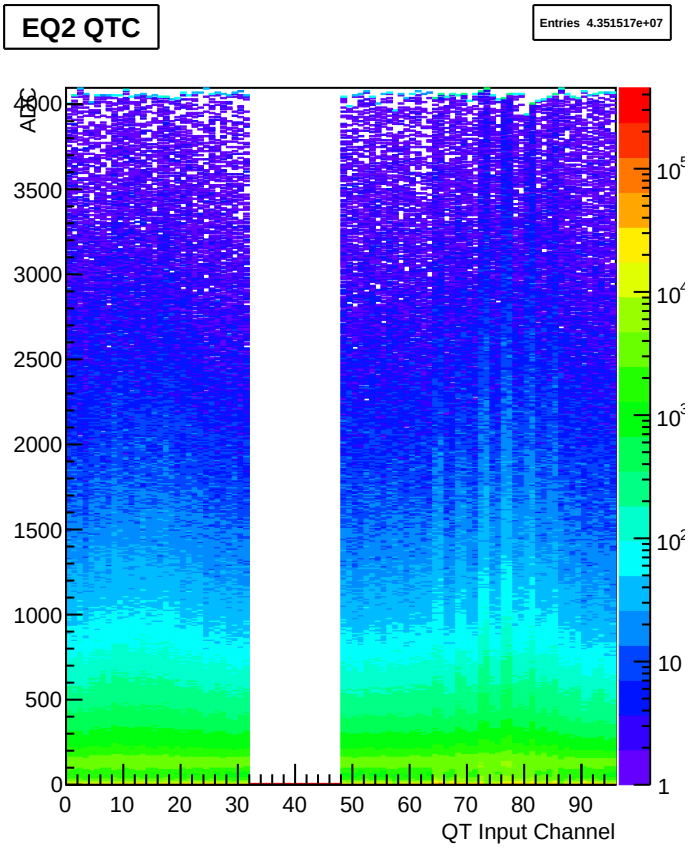

EQ1 QTB
Entries 4.397291e+07
TDC
QT Input Channel

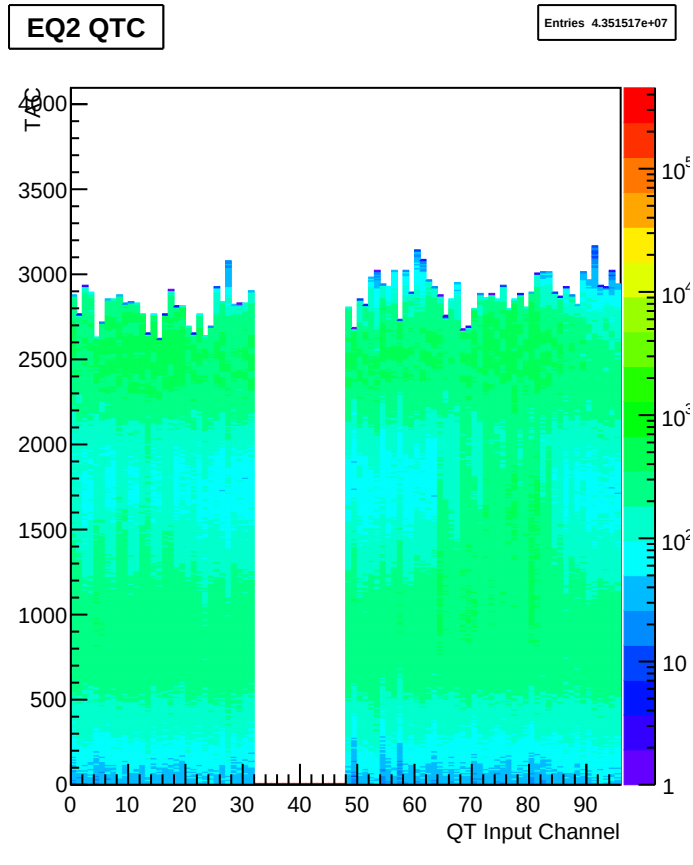

EQ1 QTC
Entries 4.351517e+07
ADC
QT Input Channel

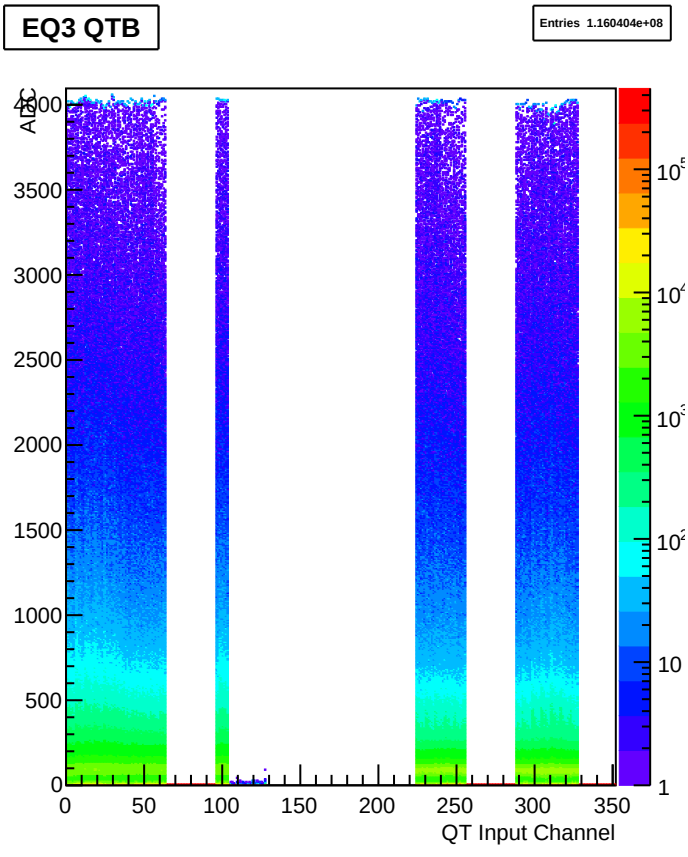

EQ1 QTC
Entries 4.351517e+07
TADC
QT Input Channel

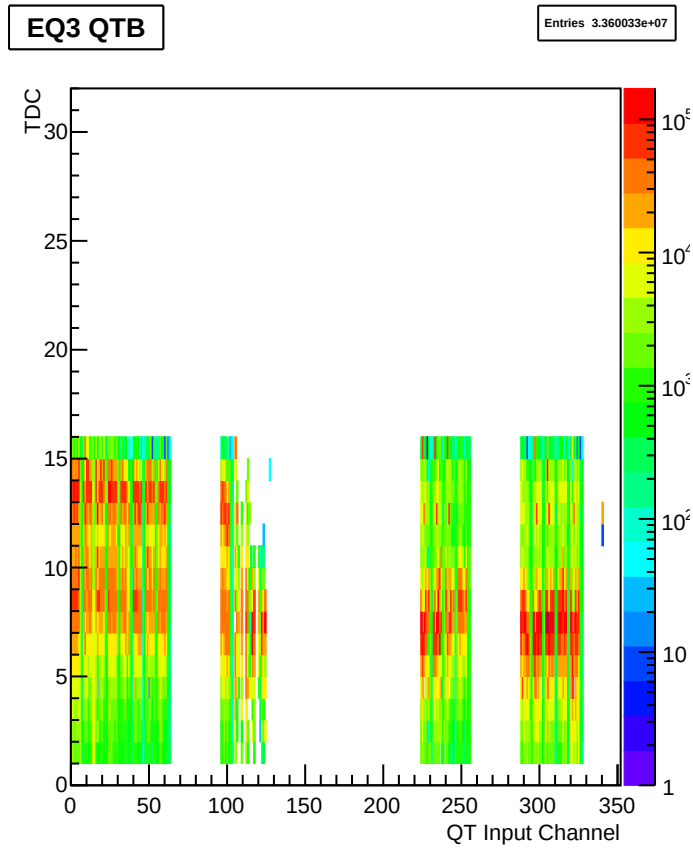

EQ2 QTB
Entries 1.305455e+08
ADC
QT Input Channel

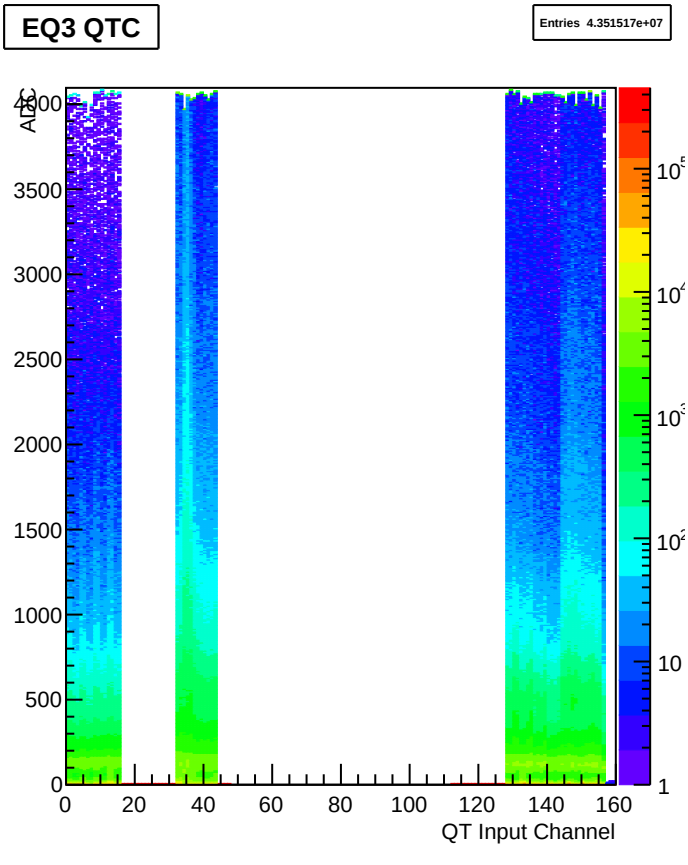

EQ2 QTB
Entries 3.300291e+07
TDC
QT Input Channel

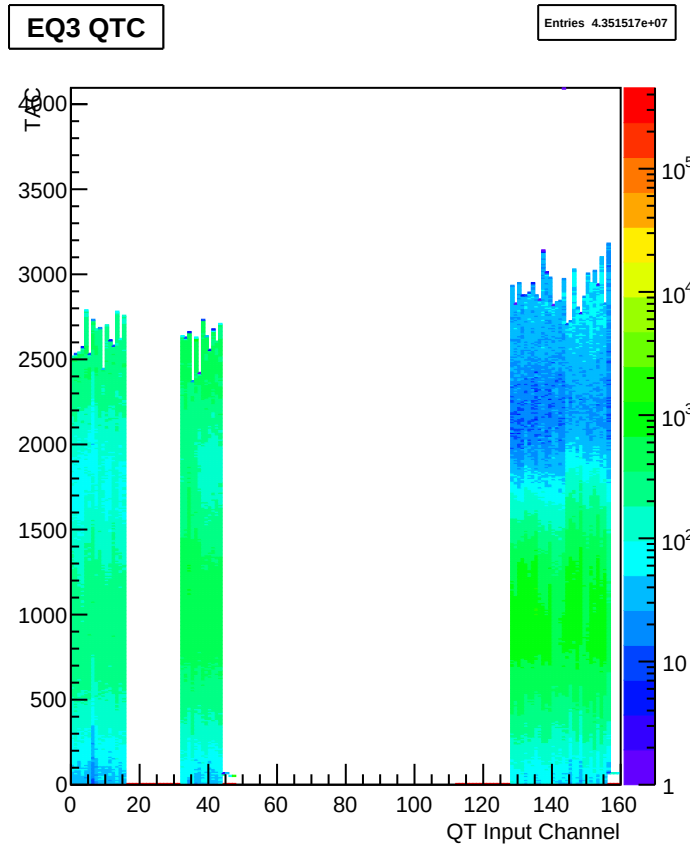

EQ2 QTC
Entries 4.351517e+07
ADC
QT Input Channel

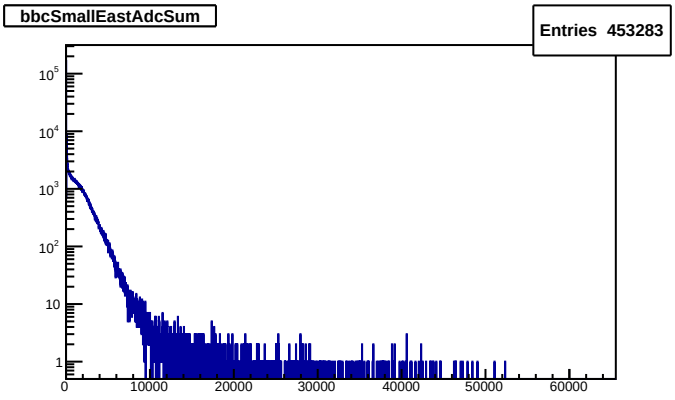

EQ2 QTC
Entries 4.351517e+07
TADC
QT Input Channel

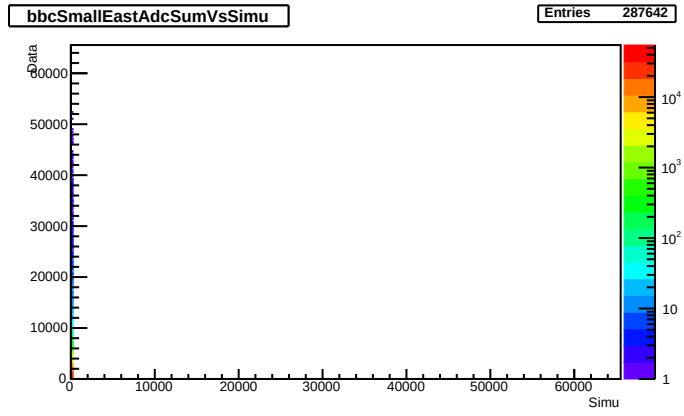

EQ3 QTB
Entries 1.160404e+08
ADC
QT Input Channel

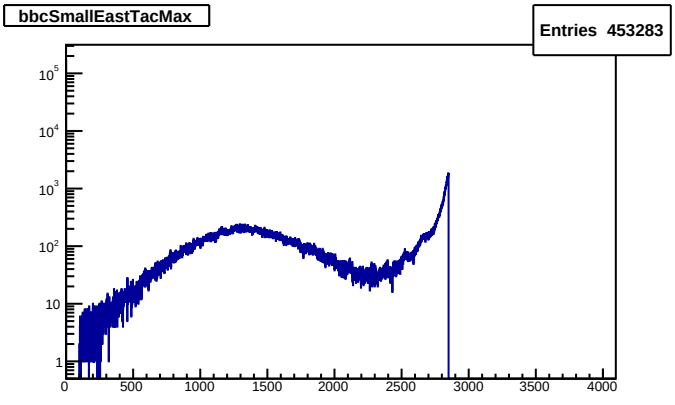

EQ3 QTB
Entries 3.360033e+07
TDC
QT Input Channel

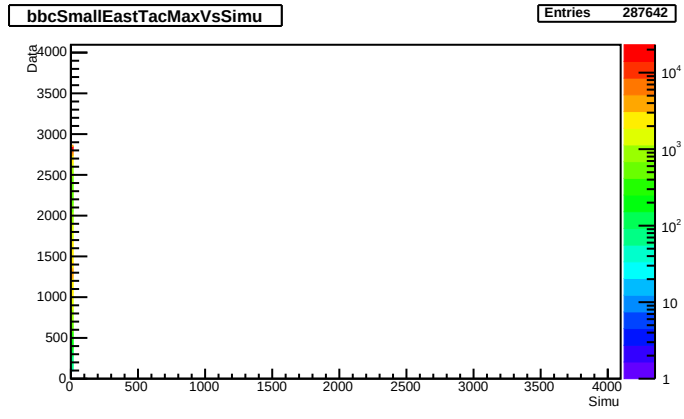

EQ3 QTC
Entries 4.351517e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.351517e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 453283


bbcSmallEastAdcSumVsSimu
Entries 287642
Data
Simu


bbcSmallEastTacMax
Entries 453283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Entries 287642
Data
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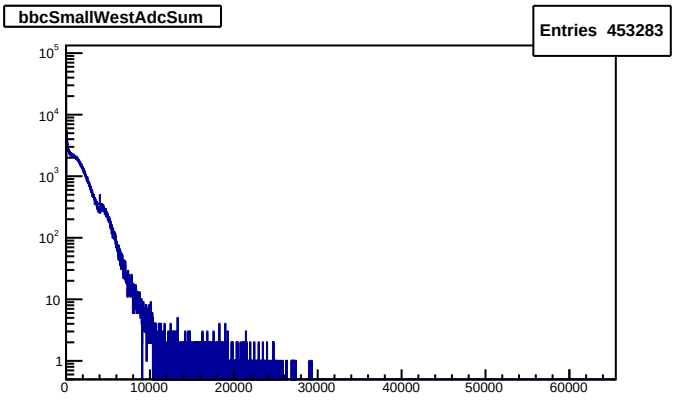
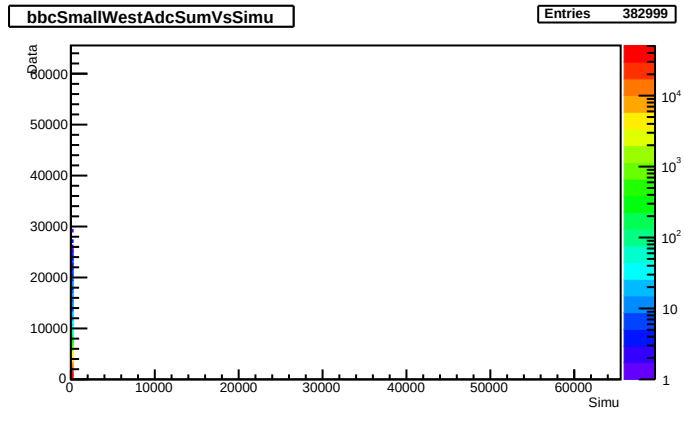
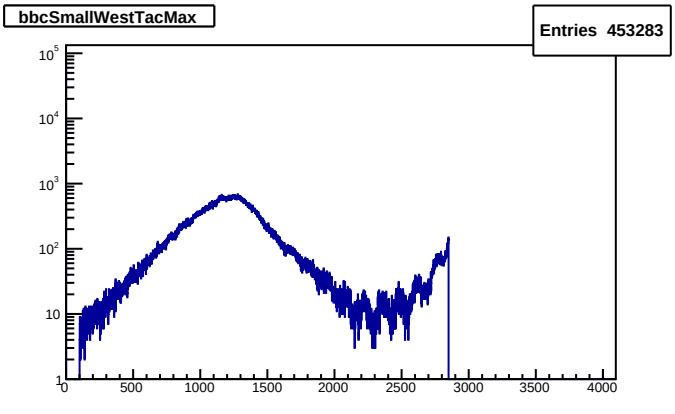

bbcSmallWestAdcSum
Entries 453283


bbcSmallWestAdcSumVsSimu
Entries 382999
Data
Simu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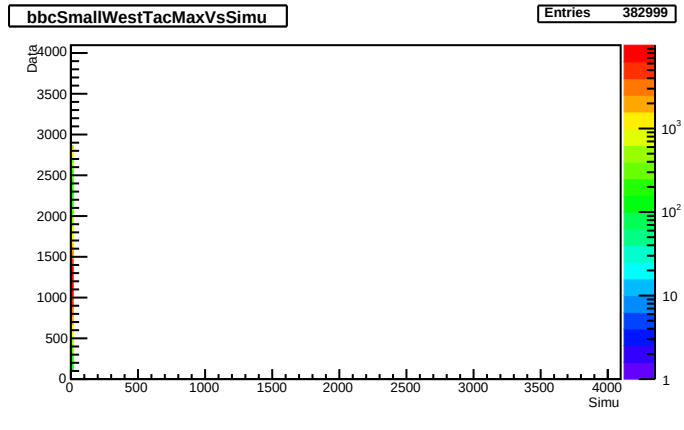
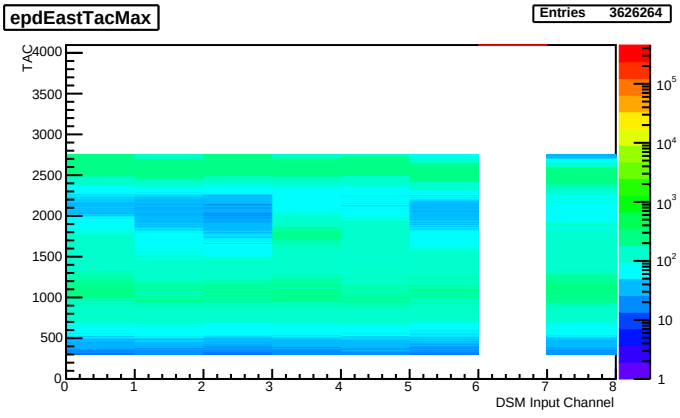
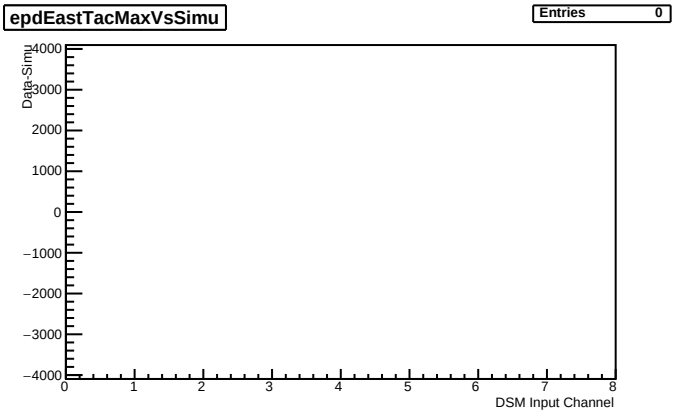
Entries 453283


bbcSmallWestTacMaxVsSimu
Entries 382999
Data
Simu


epdEastTacMax
Entries 3626264
TAC
DSM Input Channel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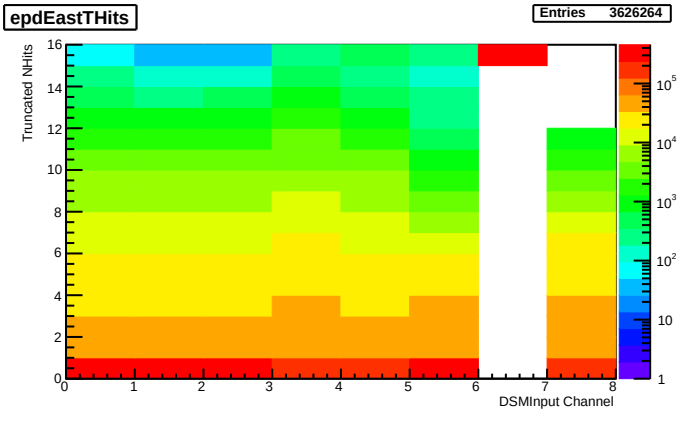
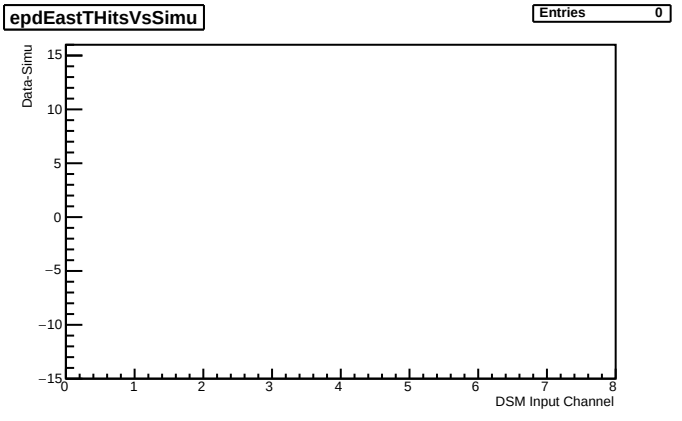
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3626264
Truncated NHits
DSMInput Channel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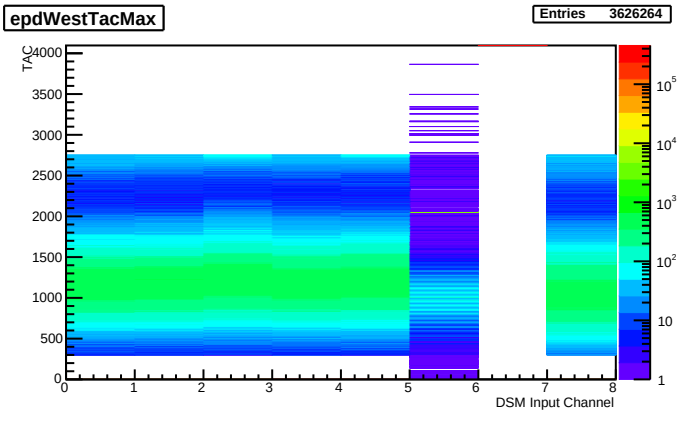
Data-Simu
DSM Input Channel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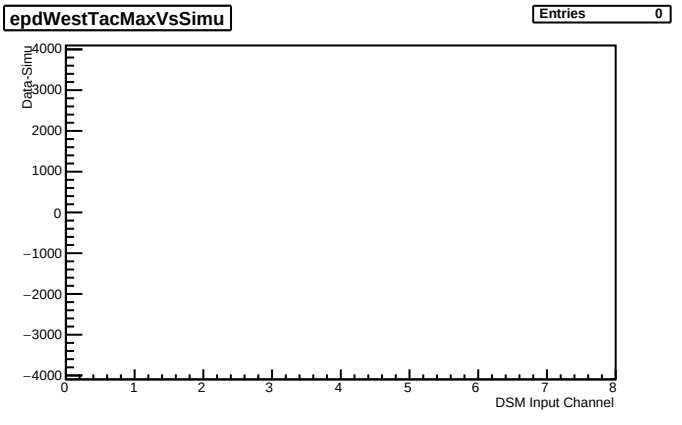
Entries 3626264
TAC
DSM Input Channel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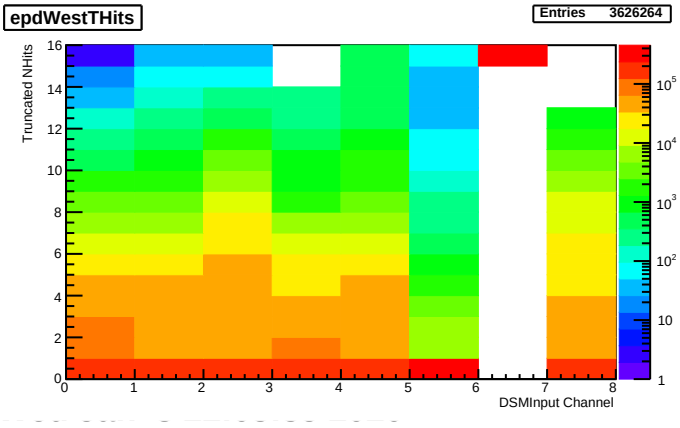
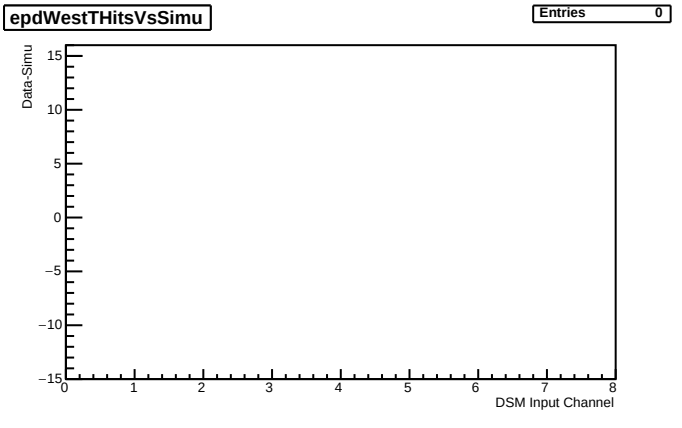
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3626264
Truncated NHits
DSMInput Channel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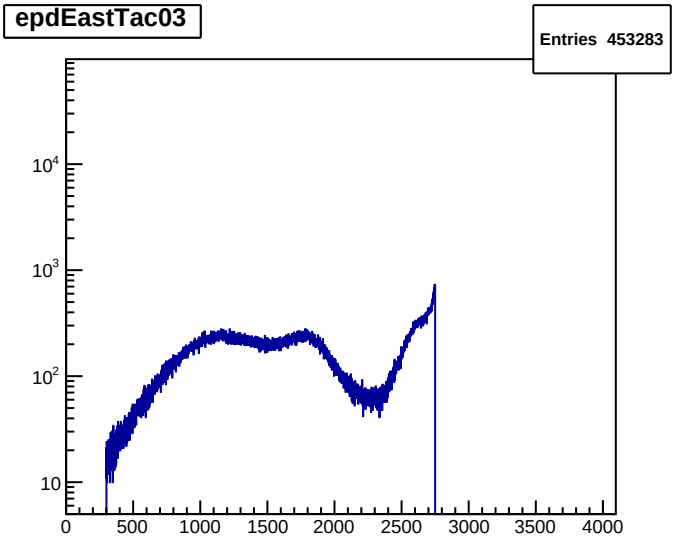
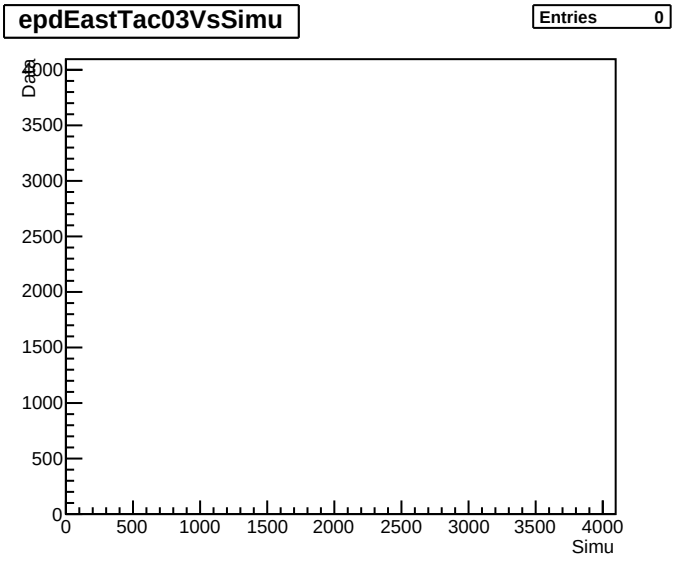
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 453283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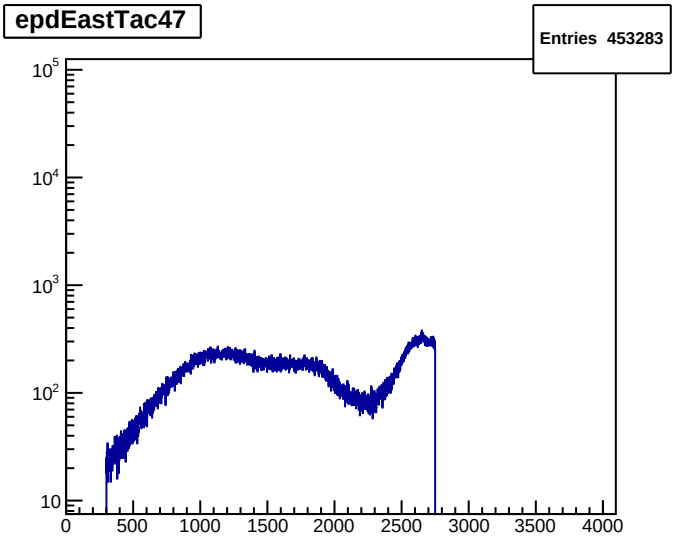
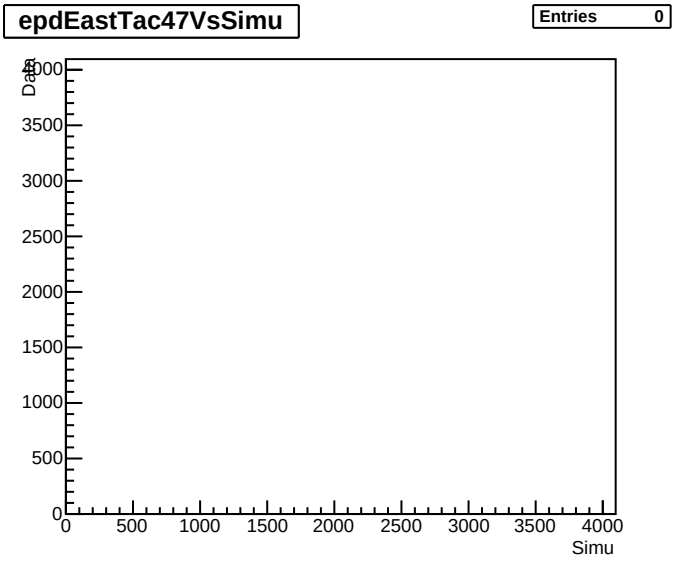
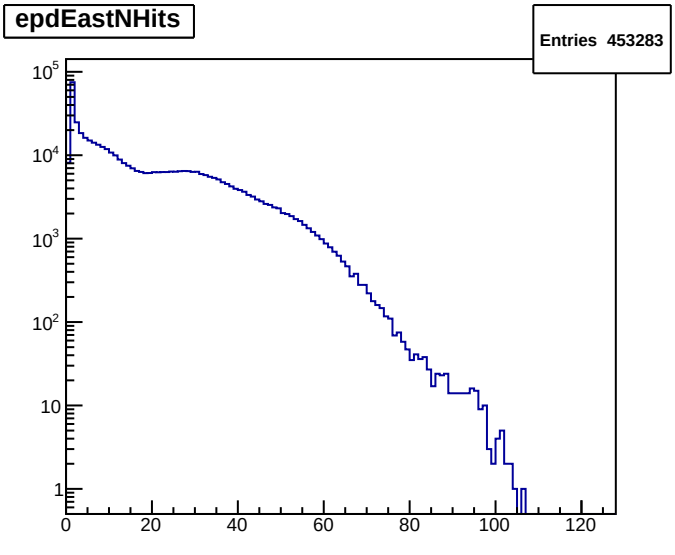
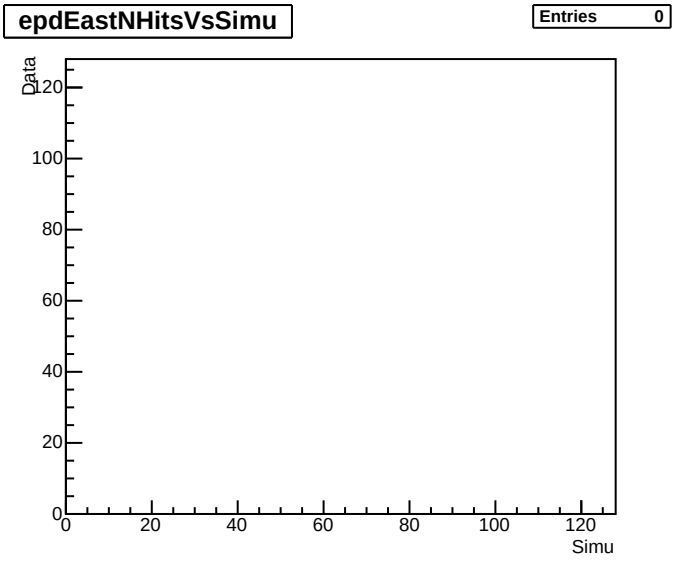
Entries 0
Data
Simu


epdEastTac47
Entries 453283


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 453283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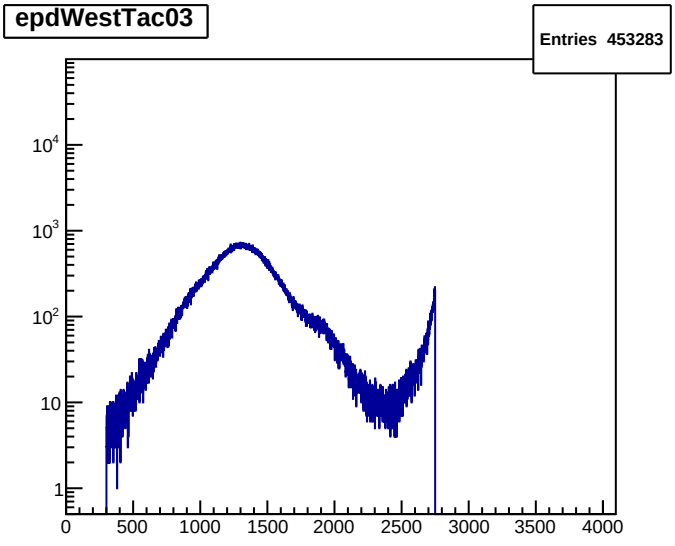
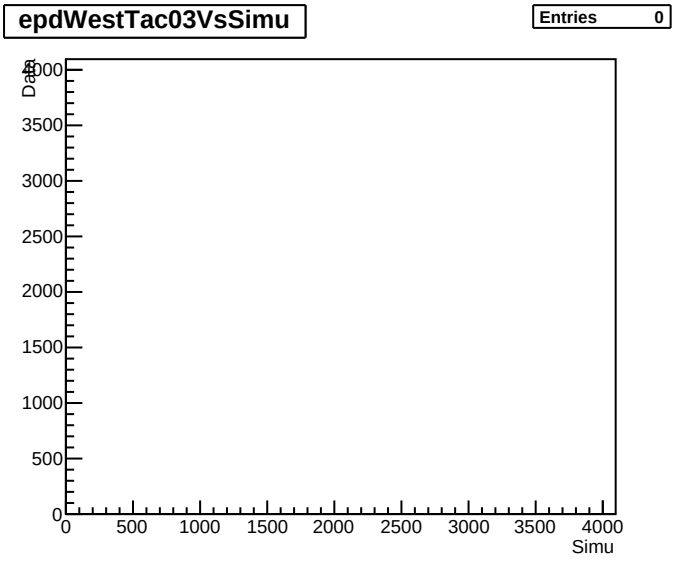
Entries 0
Data
Simu


epdWestTac03
Entries 453283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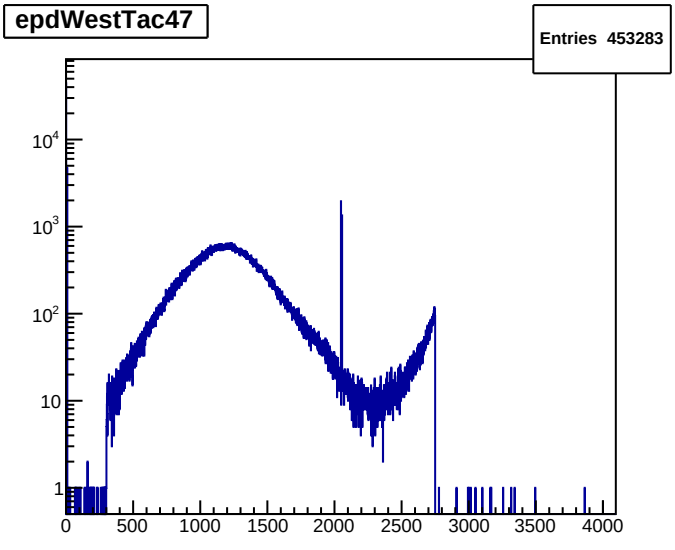
Entries 0
Data
Simu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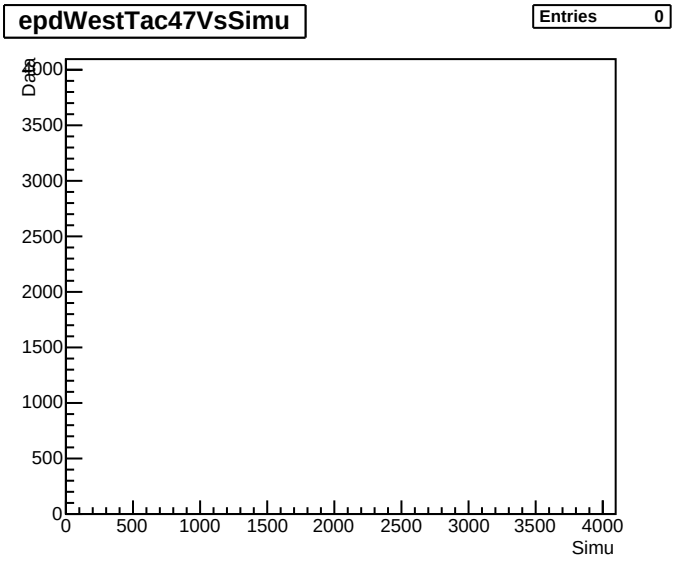
Entries 453283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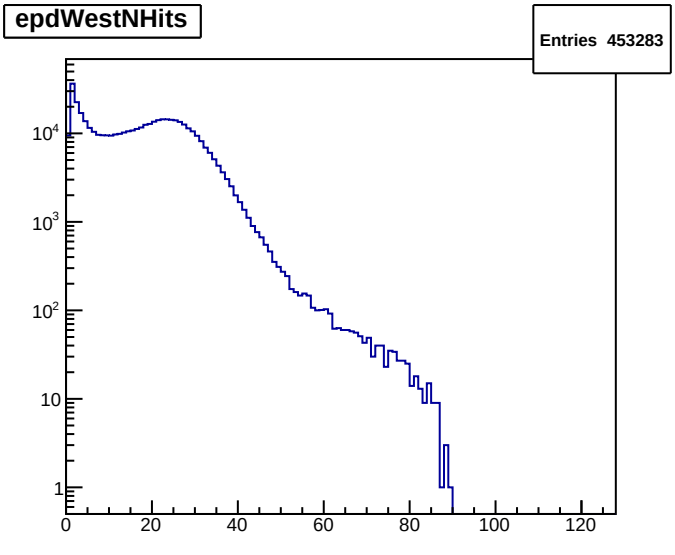
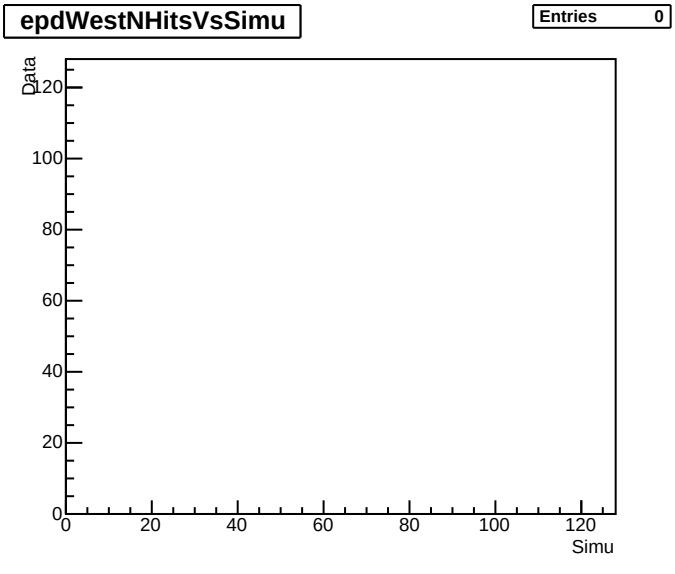
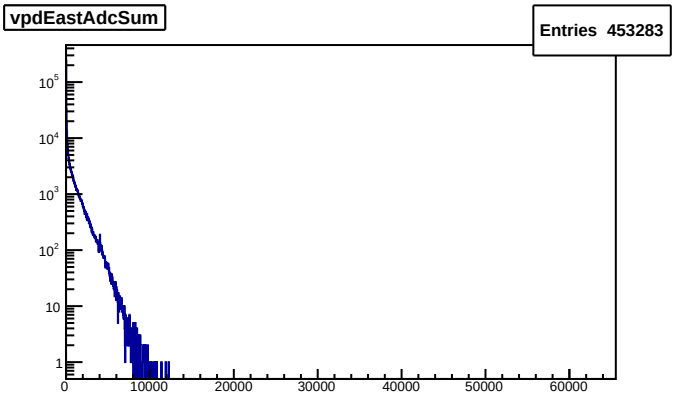
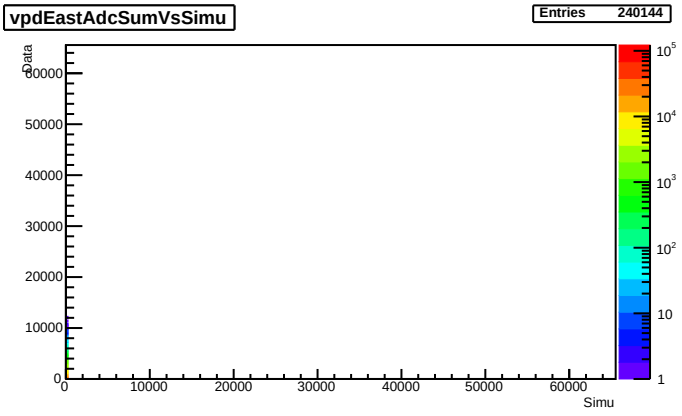
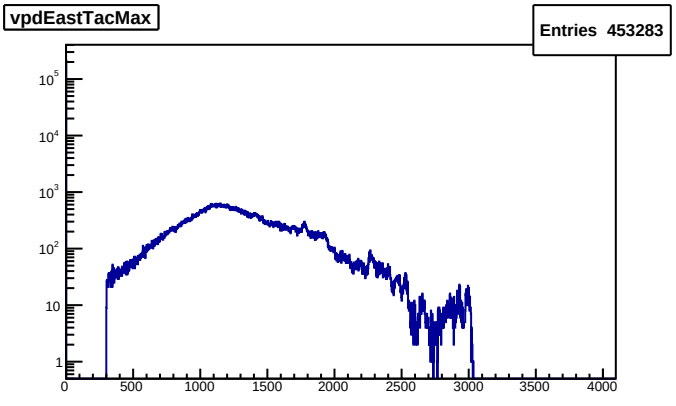
Entries 0
Data
Simu

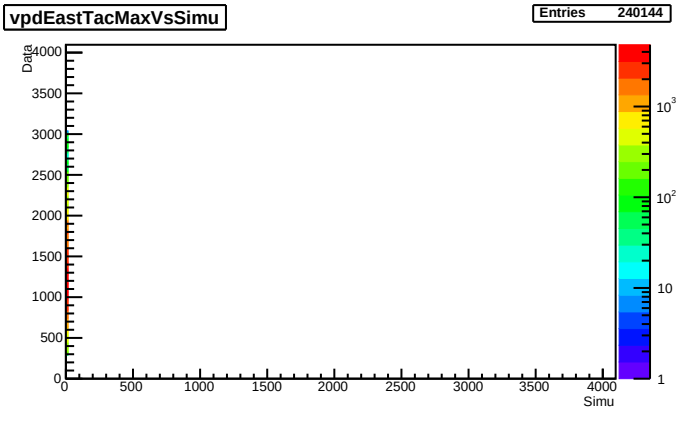

epdWestNHits
Entries 453283

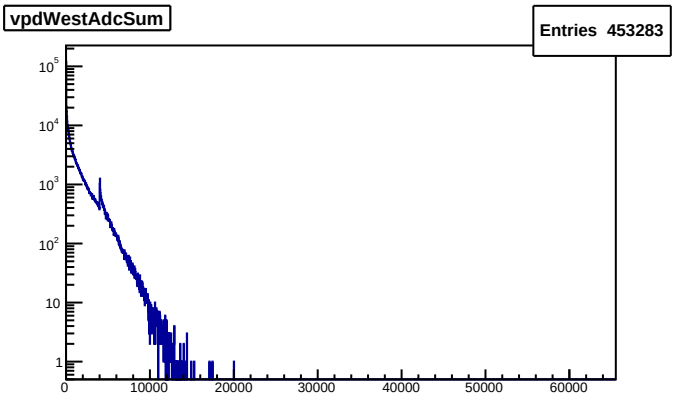

epdWestNHitsVsSimu
Entries 0
Data
Simu

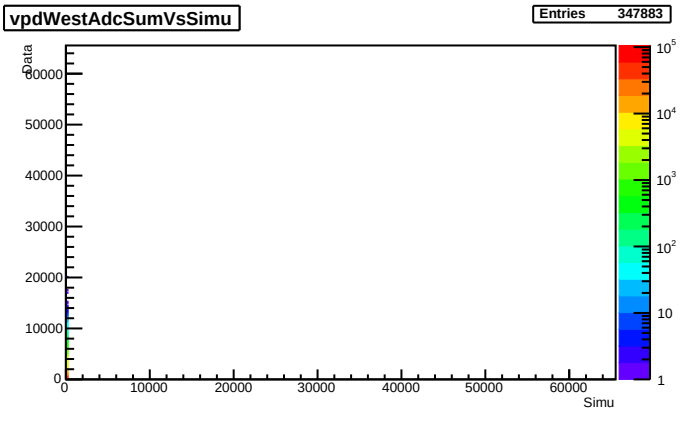

vpdEastAdcSum
Entries 453283

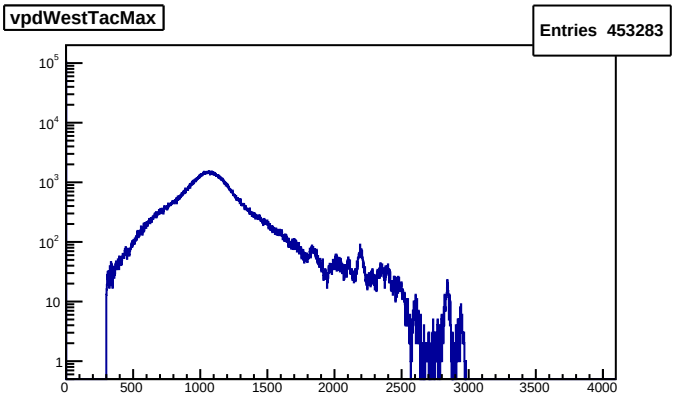

vpdEastAdcSumVsSimu
Entries 240144
Data
Simu

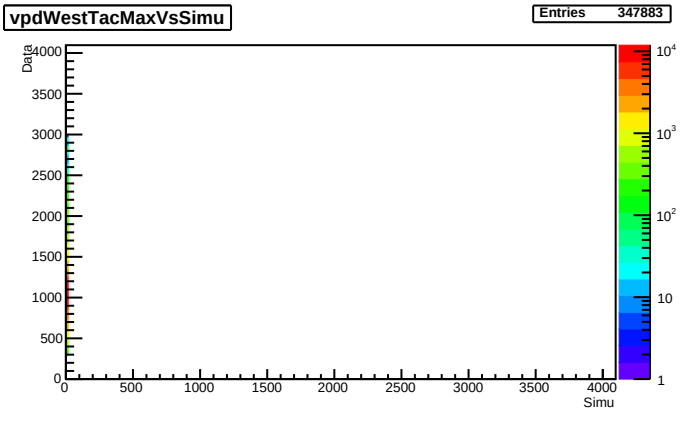

vpdEastTacMax
Entries 453283

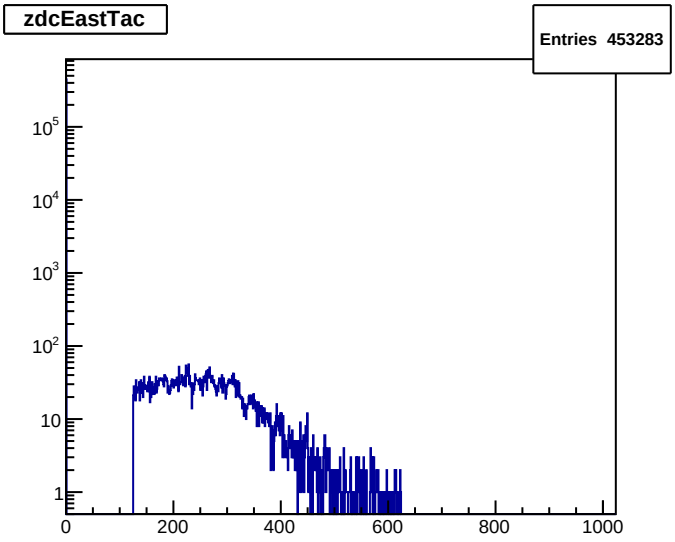

vpdEastTacMaxVsSimu
Entries 240144
Data
Simu

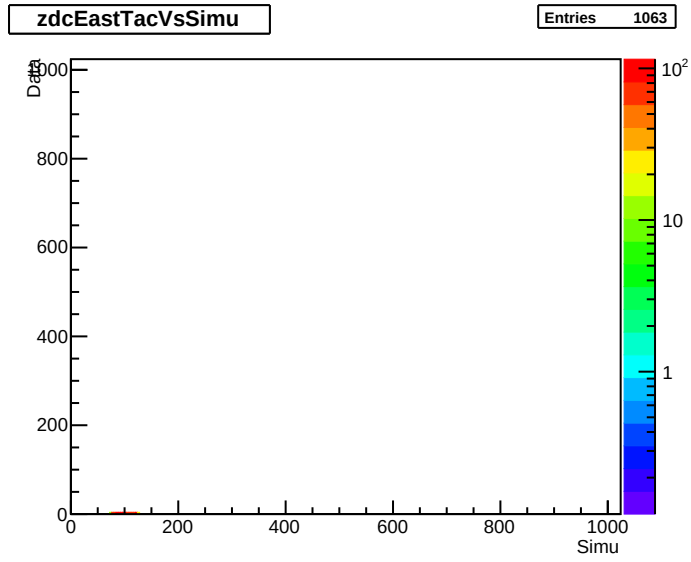

vpdWestAdcSum
Entries 453283

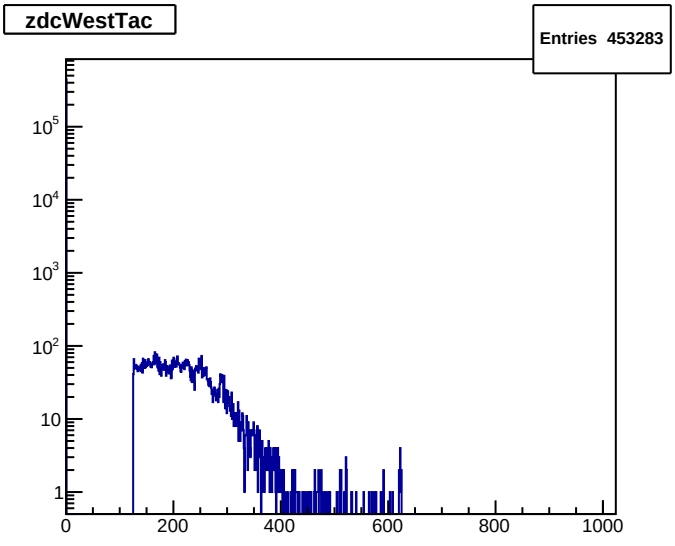

vpdWestAdcSumVsSimu
Entries 347883
Data
Simu

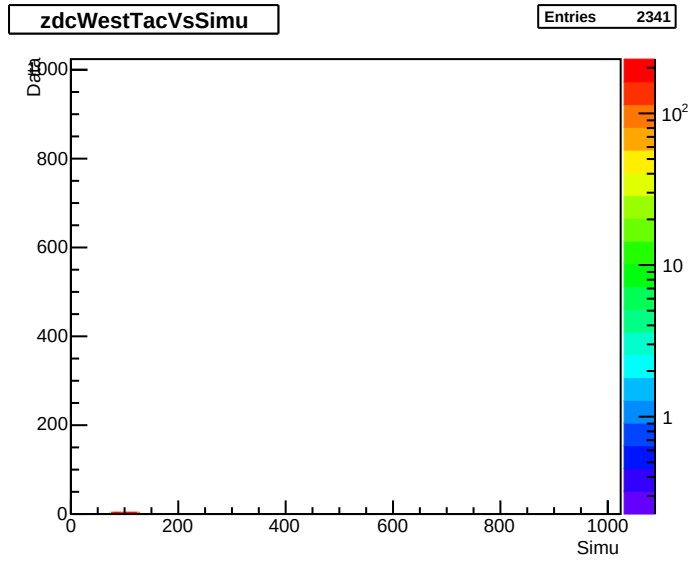

vpdWestTacMax
Entries 453283

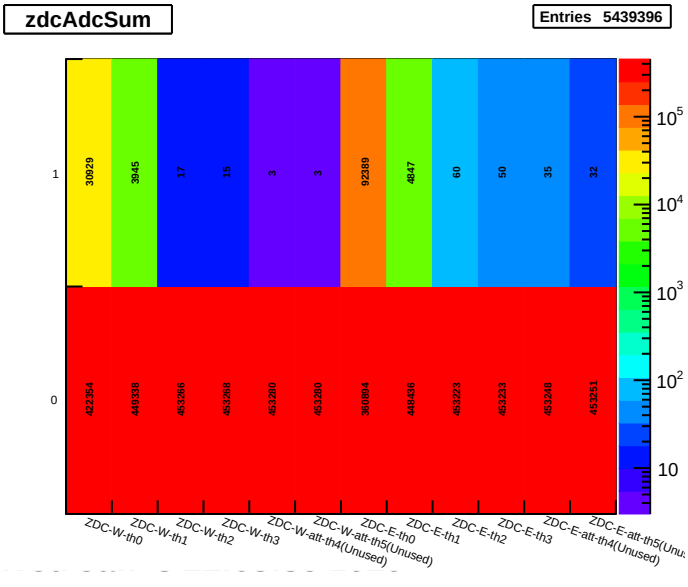

vpdWestTacMaxVsSimu
Entries 347883
Data
Simu

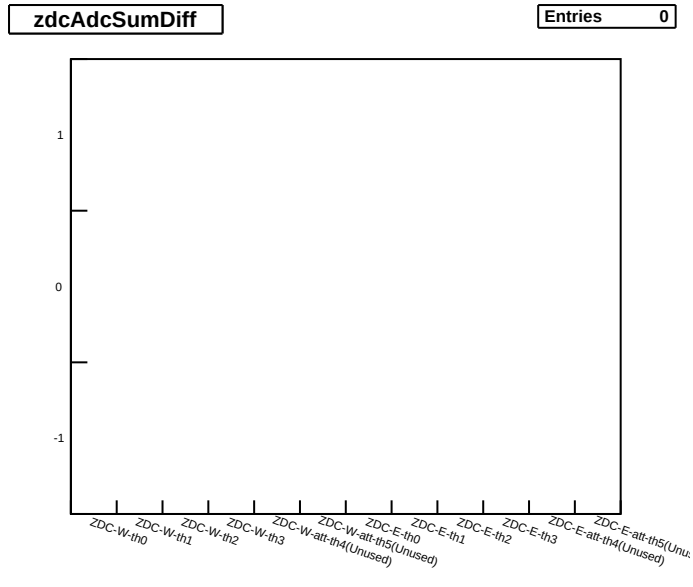

zdcEastTac
Entries 453283

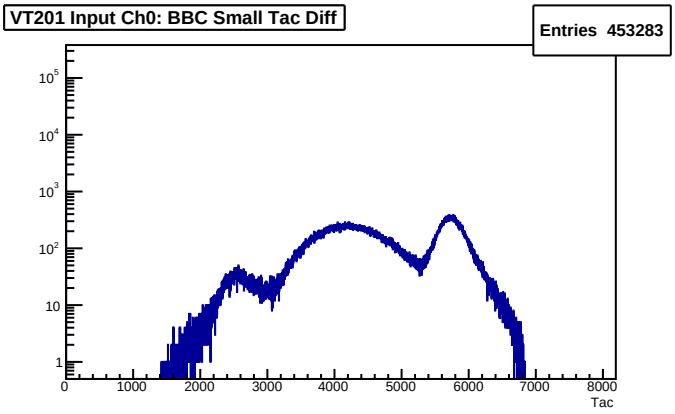

zdcEastTacVsSimu
Entries 1063
Data
Simu

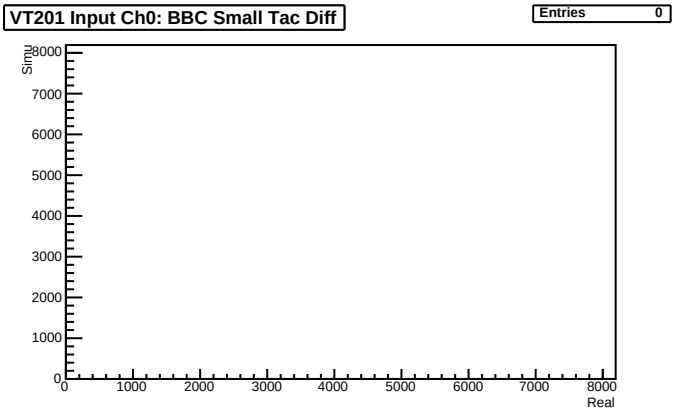

zdcWestTac
Entries 453283

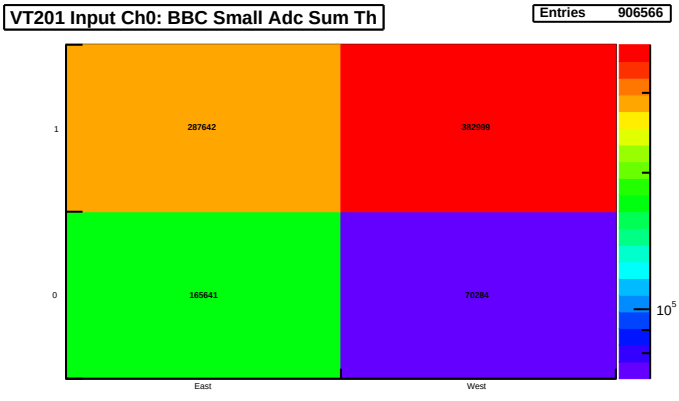

zdcWestTacVsSimu
Entries 2341
Data
Simu

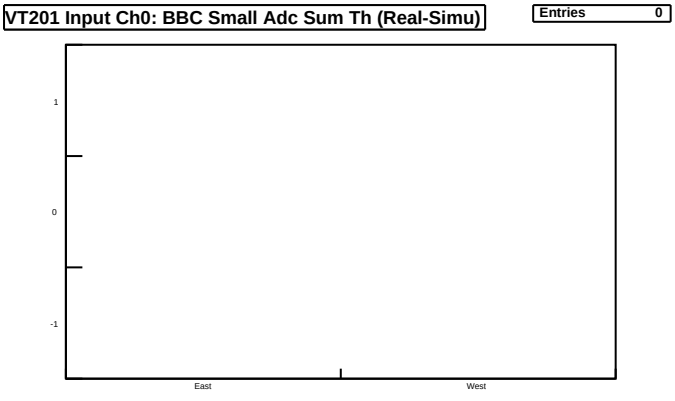

zdcAdcSum
Entries 5439396
30929
3945
17
15
3
3
92389
4847
60
50
35
32
422354
449338
453266
453268
453280
453280
360894
448436
453223
453233
453248
453251
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

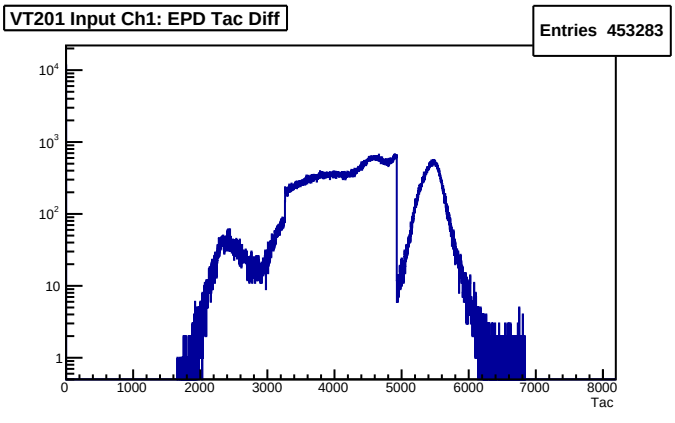

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

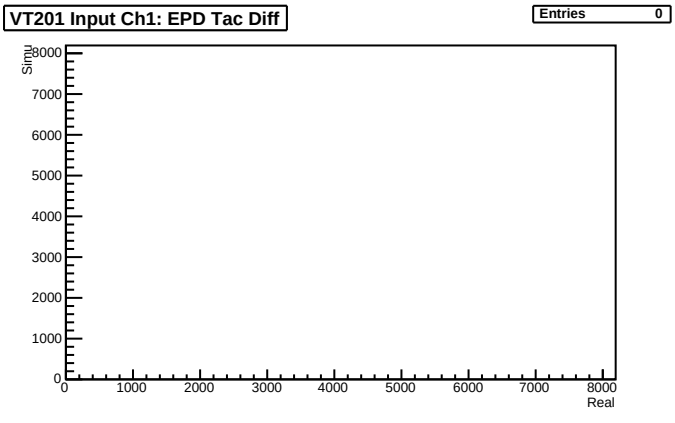

VT201 Input Ch0: BBC Small Tac Diff
Entries 453283
Tac

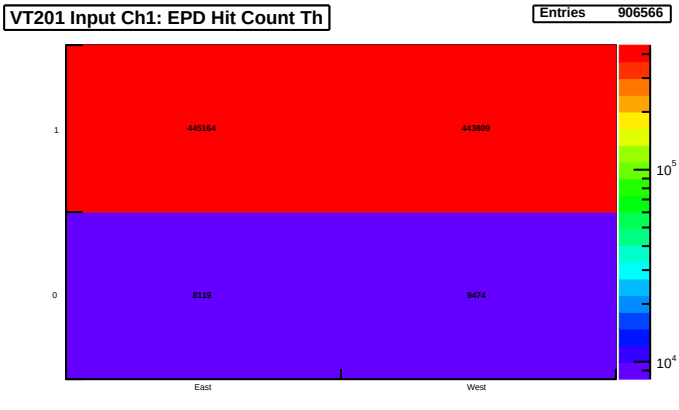

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

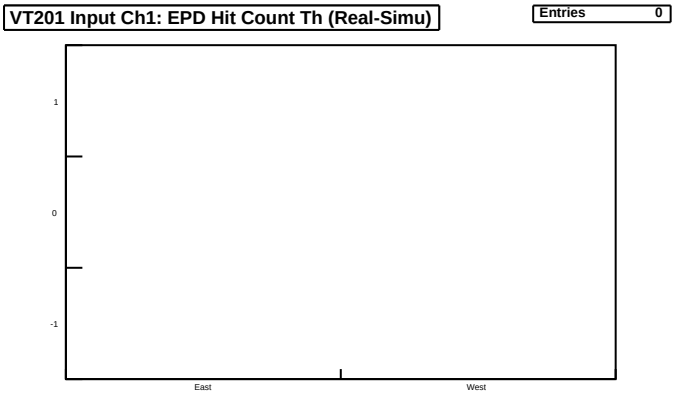

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 906566
287642
382999
165641
70284
East
West

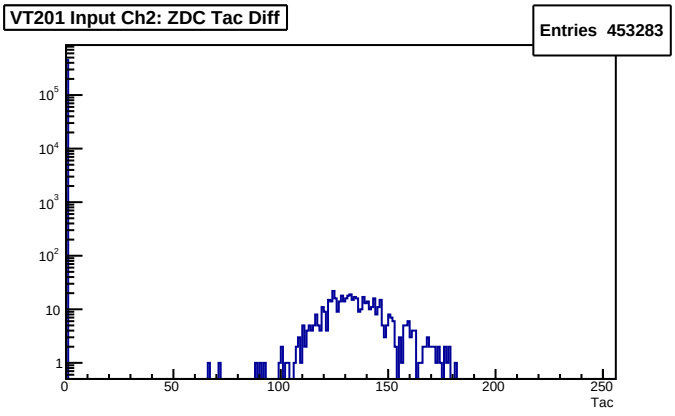

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

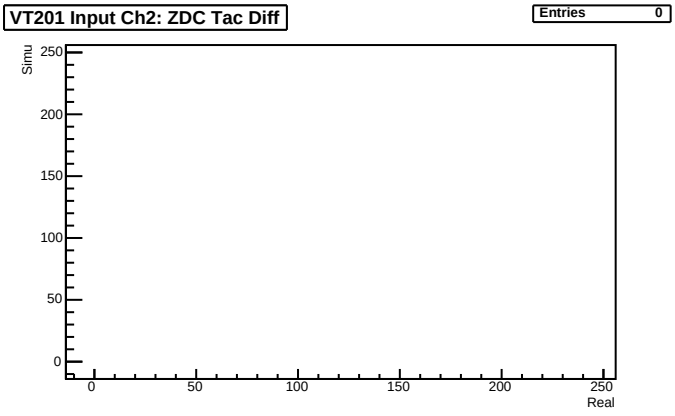

VT201 Input Ch1: EPD Tac Diff
Entries 453283
Tac

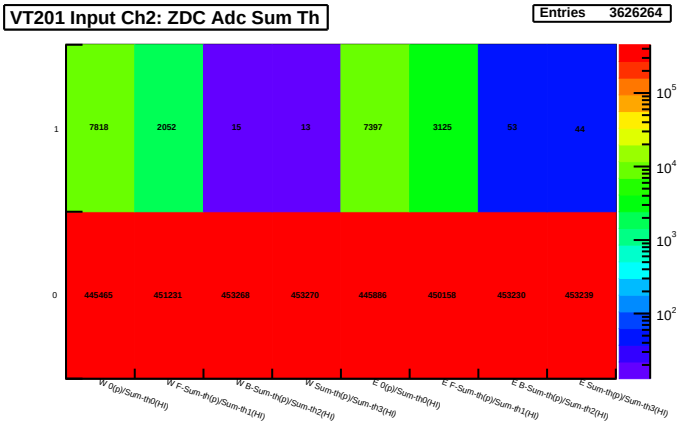

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

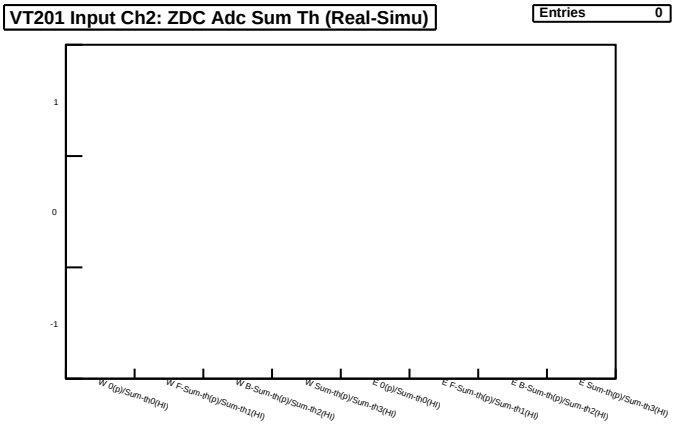

VT201 Input Ch1: EPD Hit Count Th
Entries 906566
445164
443809
8119
9474
East
West

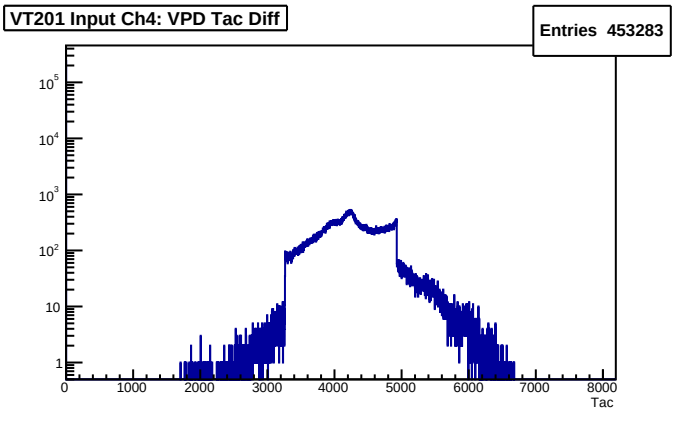

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

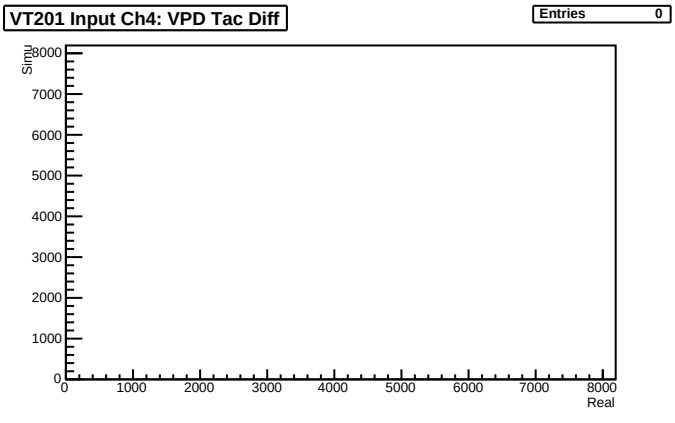

VT201 Input Ch2: ZDC Tac Diff
Entries 453283
Tac

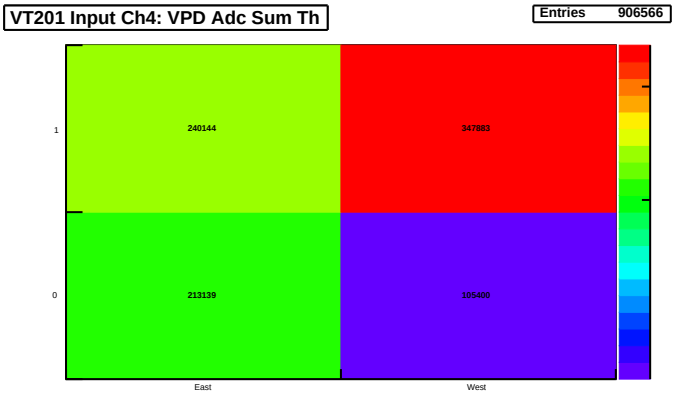

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

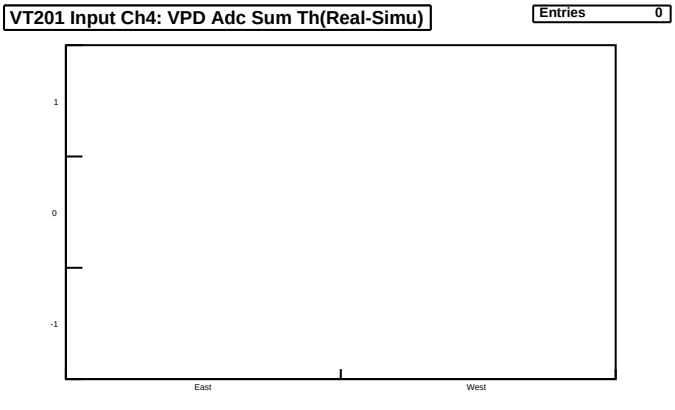

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3626264
7818
2052
15
13
7397
3125
53
44
445465
451231
453268
453270
445886
450158
453230
453239
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

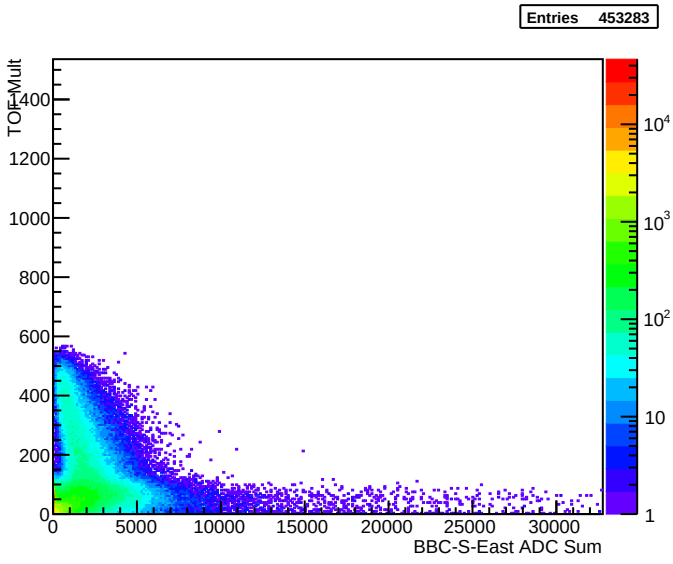

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

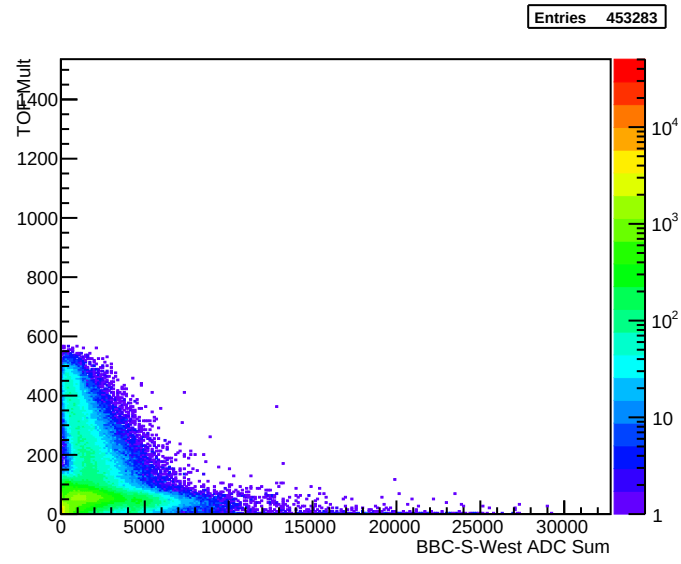

VT201 Input Ch4: VPD Tac Diff
Entries 453283
Tac

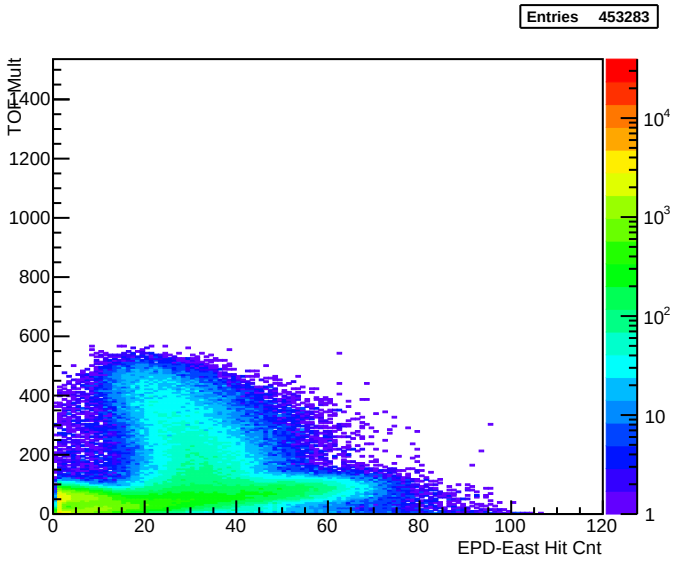

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

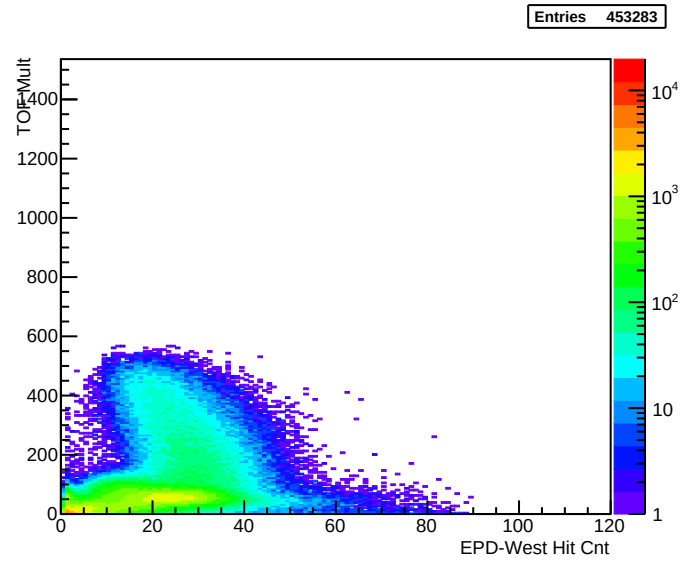

VT201 Input Ch4: VPD Adc Sum Th
Entries 906566
240144
347883
213139
105400
East
West

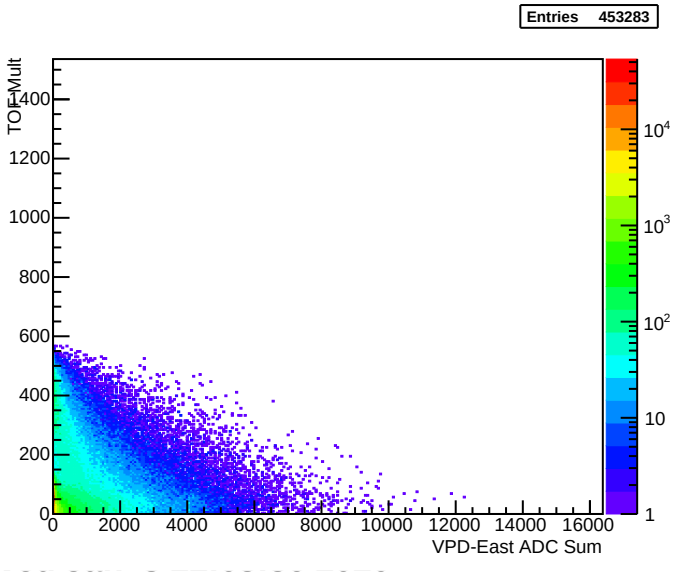

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

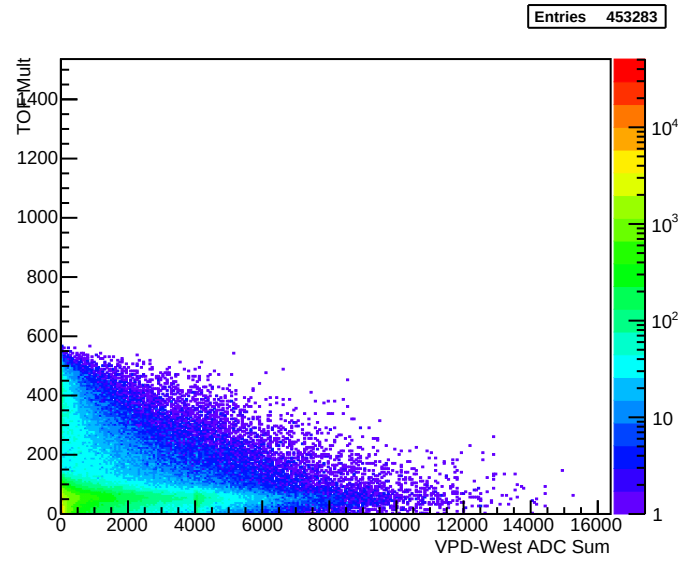

Entries 453283
TOF-Mult
BBC-S-East ADC Sum

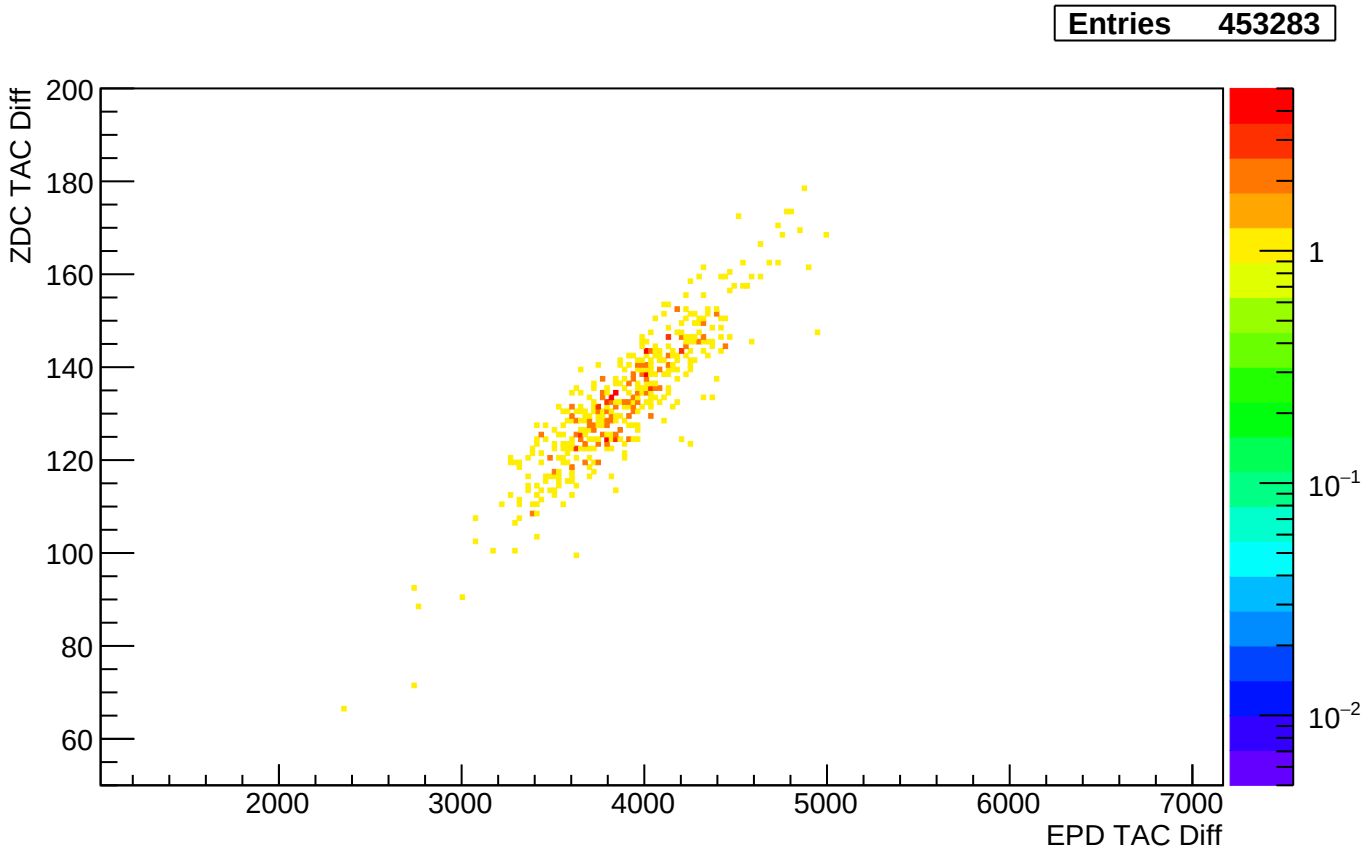

Entries 453283
TOF-Mult
BBC-S-West ADC Sum

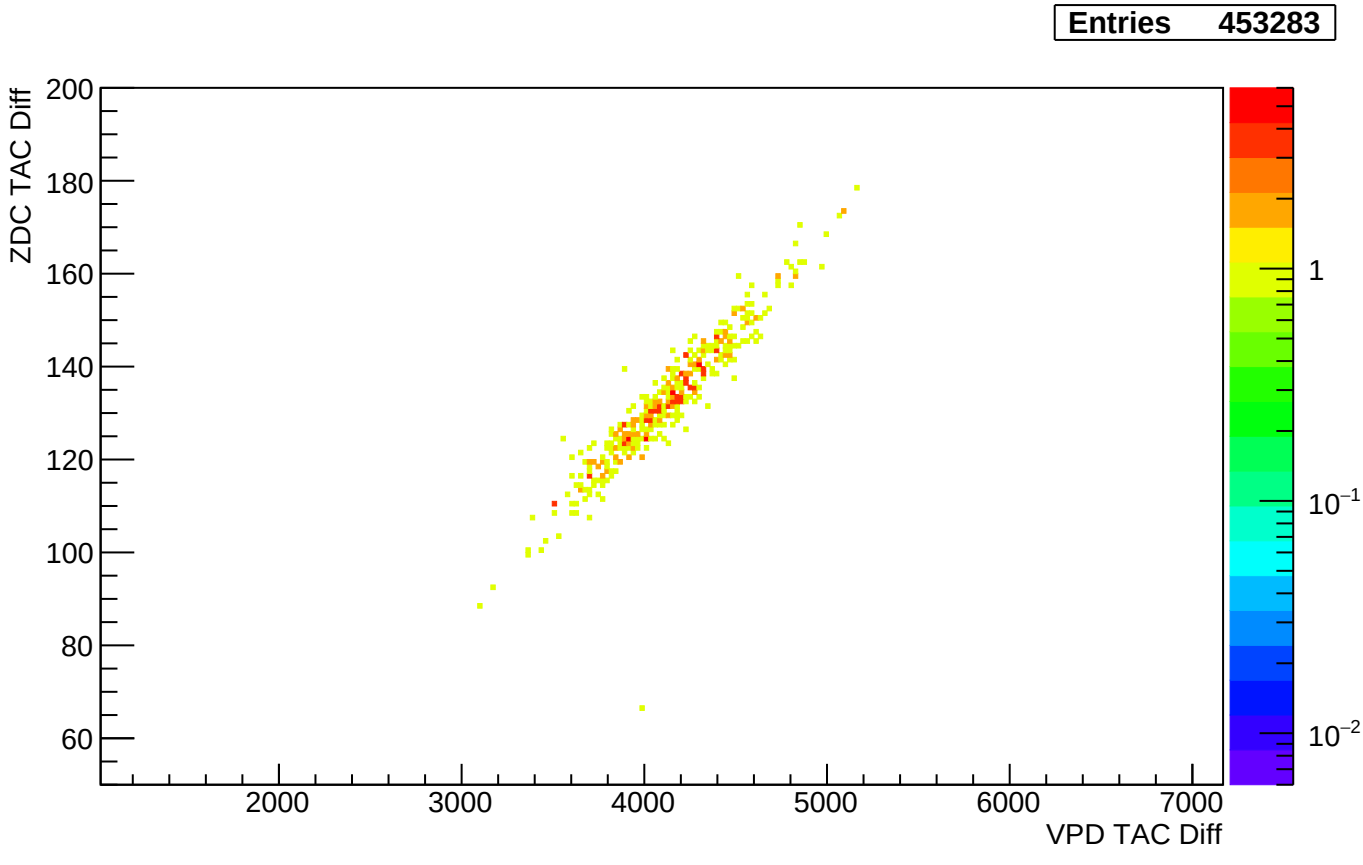

Entries 453283
TOF-Mult
EPD-East Hit Cnt

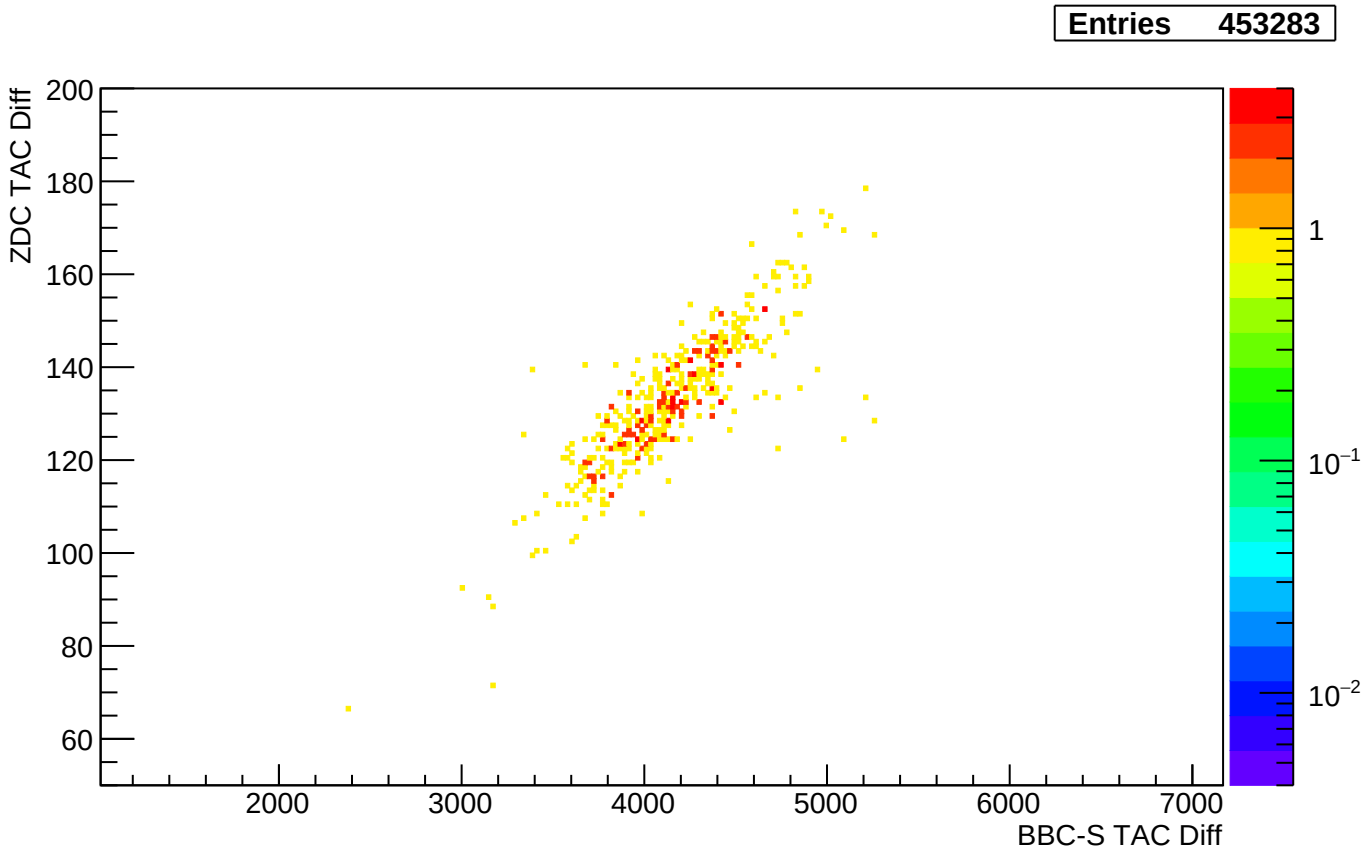

Entries 453283
TOF-Mult
EPD-West Hit Cnt

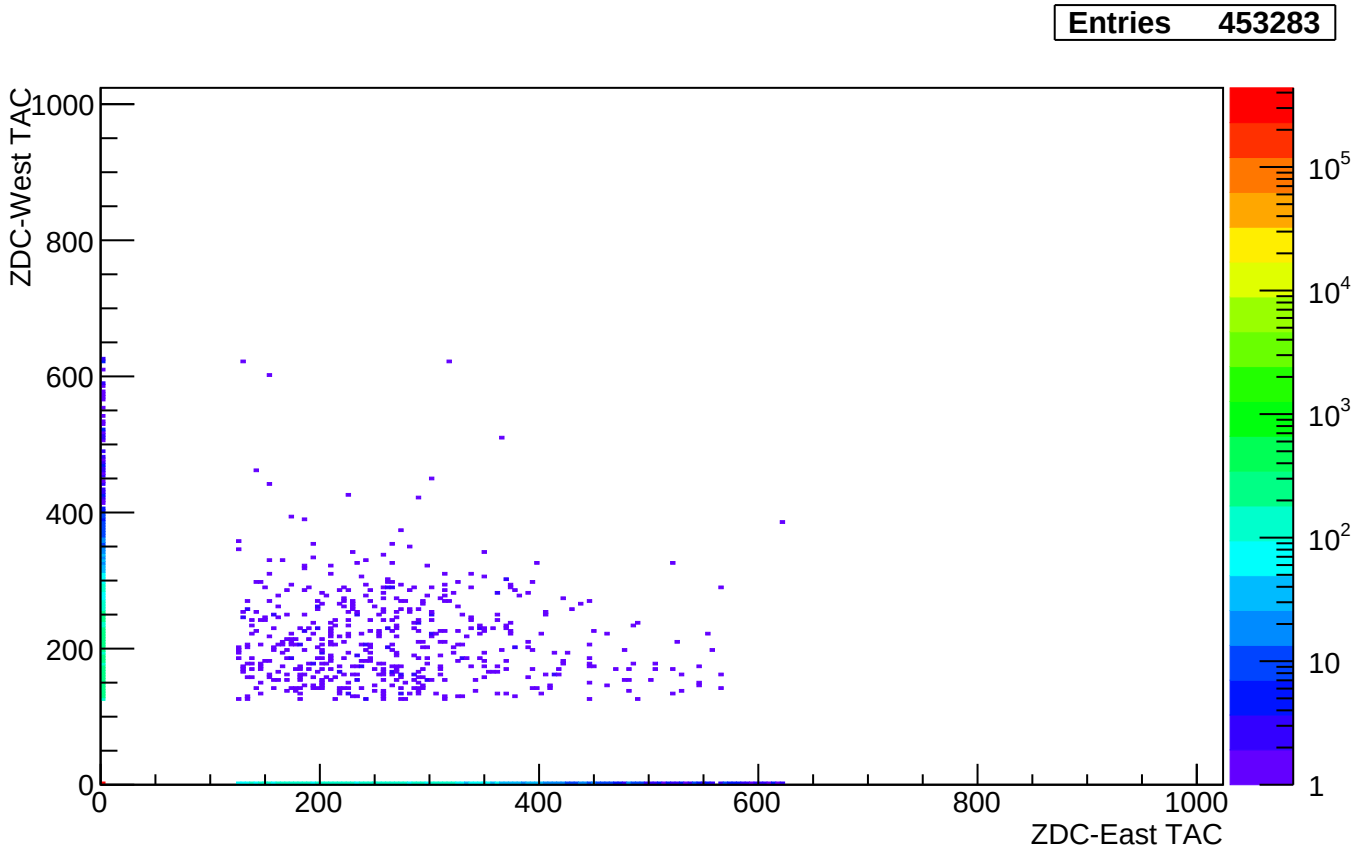

Entries 453283
TOF-Mult
VPD-East ADC Sum

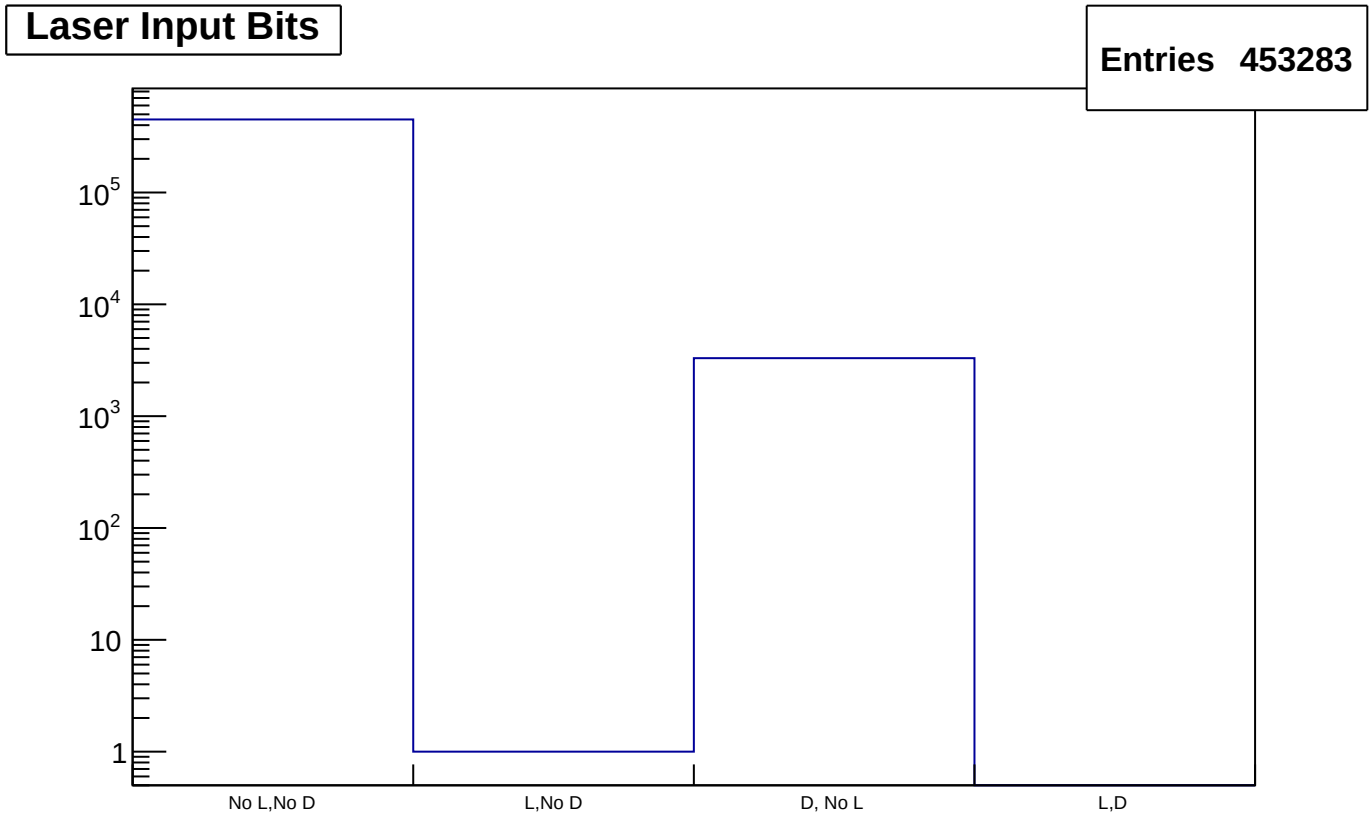

Entries 453283
TOF-Mult
VPD-West ADC Sum

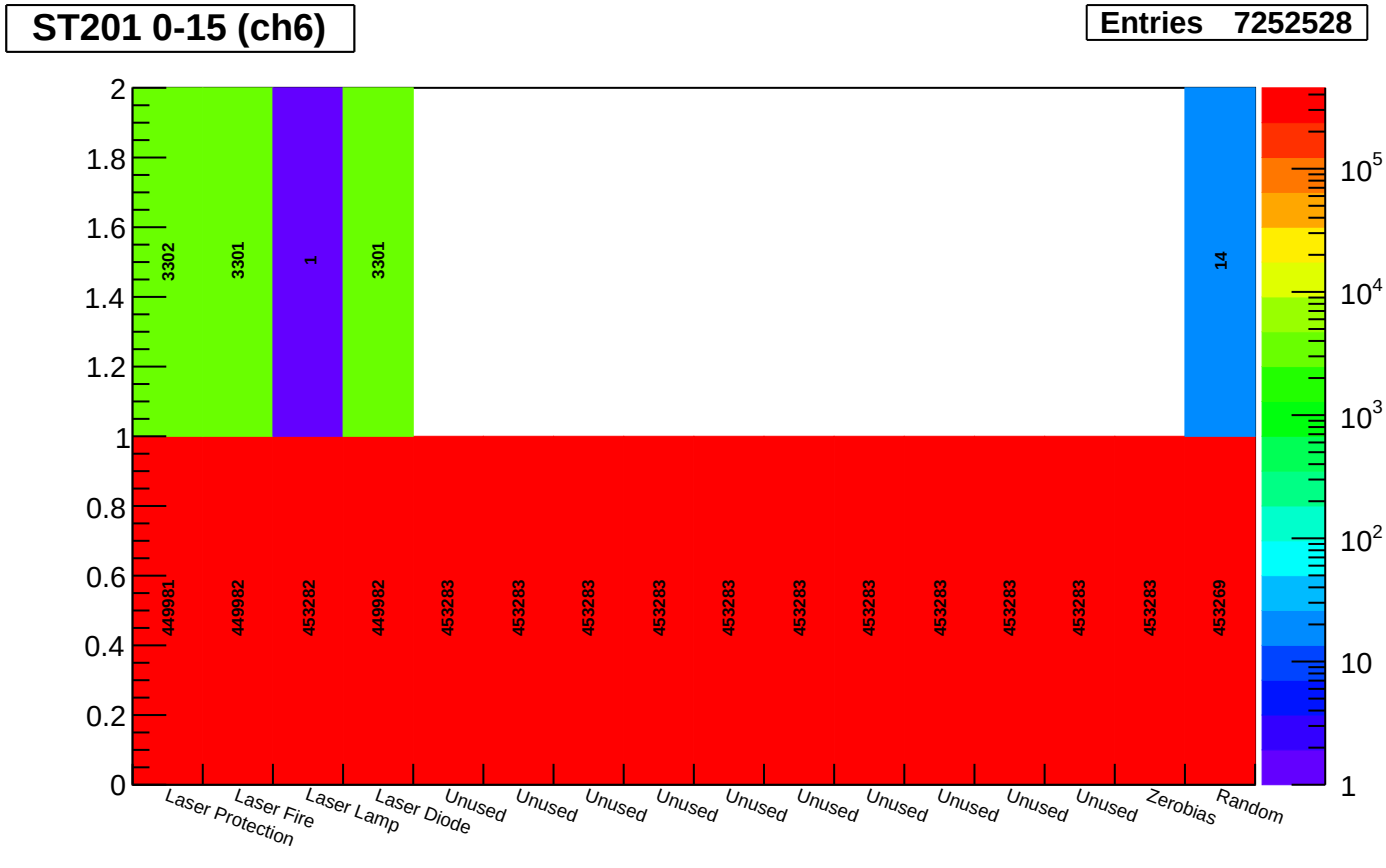

Entries 453283
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

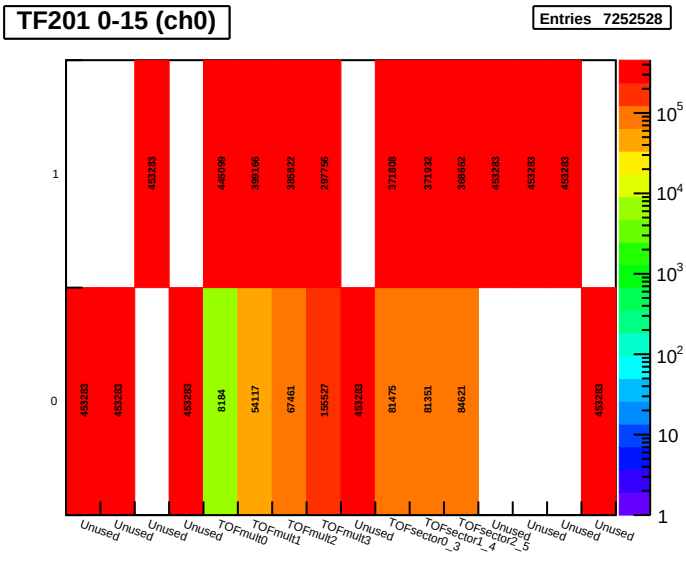

Entries 453283
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

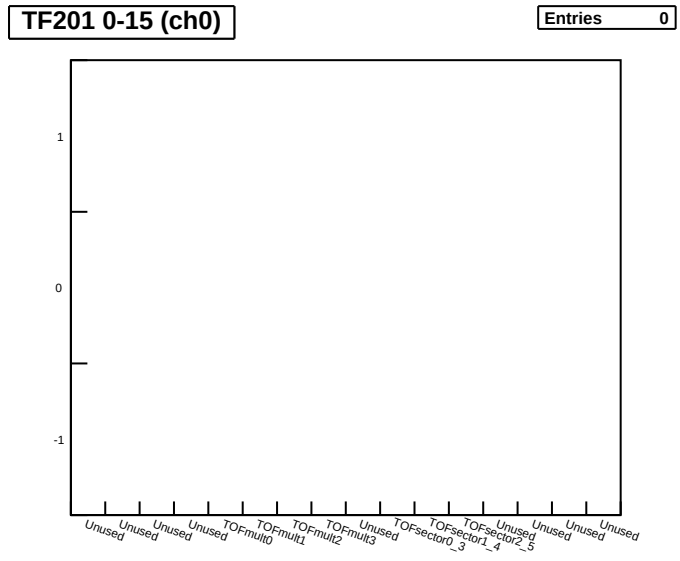

Entries 453283
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

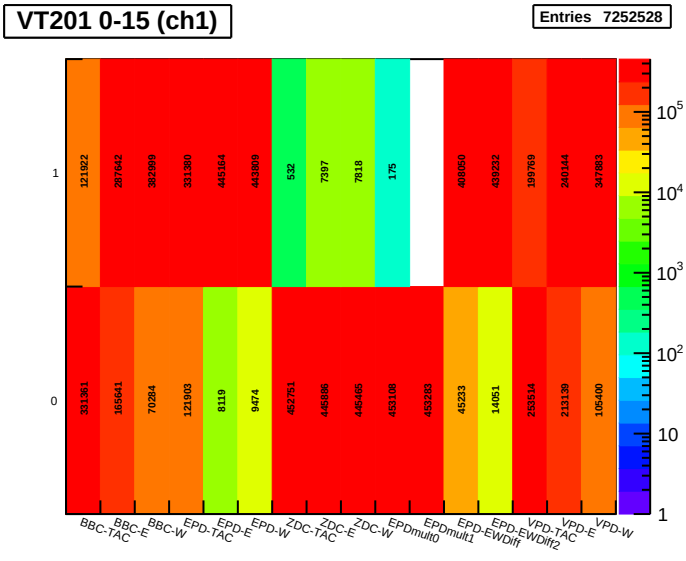

Entries 453283
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

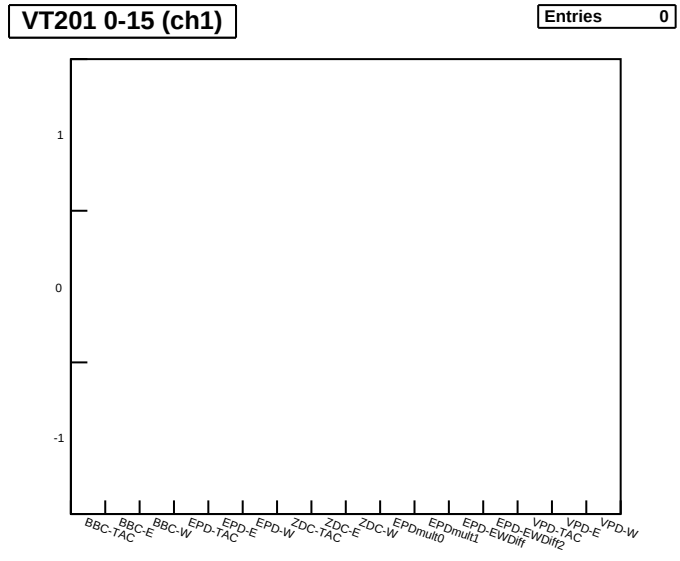

Laser Input Bits
Entries 453283
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

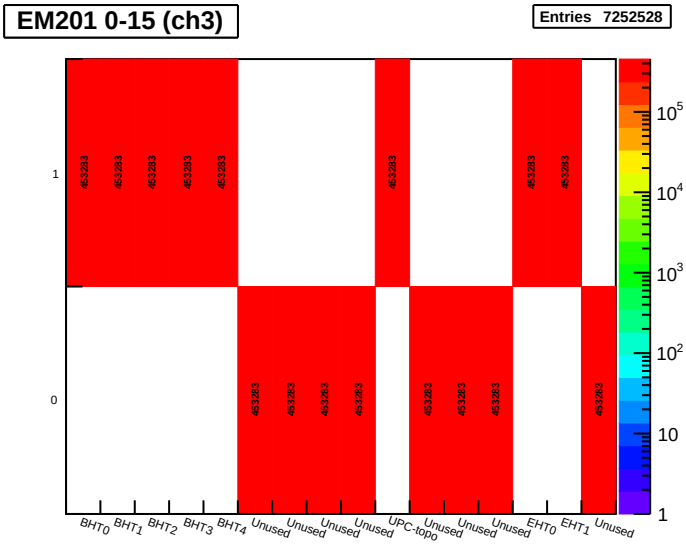

ST201 0-15 (ch6)
Entries 7252528
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3302
3301
1
3301
14
449981
449982
453282
449982
453283
453283
453283
453283
453283
453283
453283
453283
453283
453283
453283
453269
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

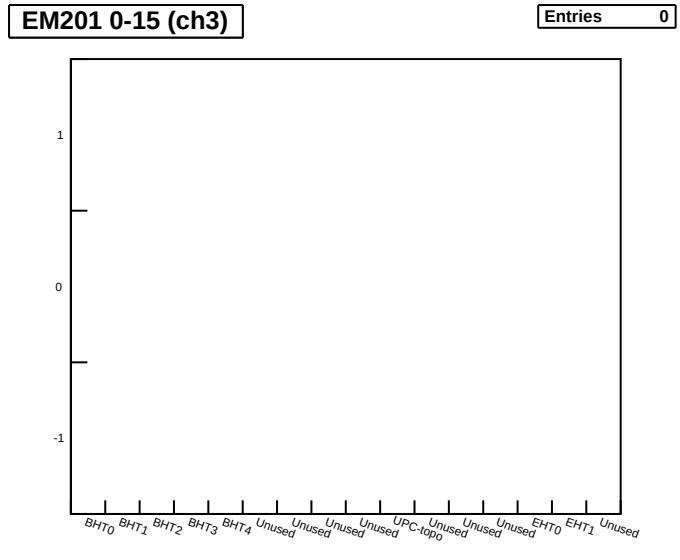

TF201 0-15 (ch0)
Entries 7252528
1
0
453283
445099
399166
385822
297756
371808
371932
368662
453283
453283
453283
453283
453283
8184
54117
67461
155527
453283
81475
81351
84621
453283
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7252528
1
0
121922
287642
362999
331380
445164
443809
532
7397
7818
175
408050
439232
199769
240144
347883
331361
165641
70284
121903
8119
9474
452751
446886
445465
453108
453283
45233
14051
253514
213139
106400
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 7252528
1
0
453283
453283
453283
453283
453283
453283
453283
453283
453283
453283
453283
453283
453283
453283
453283
453283
453283
453283
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