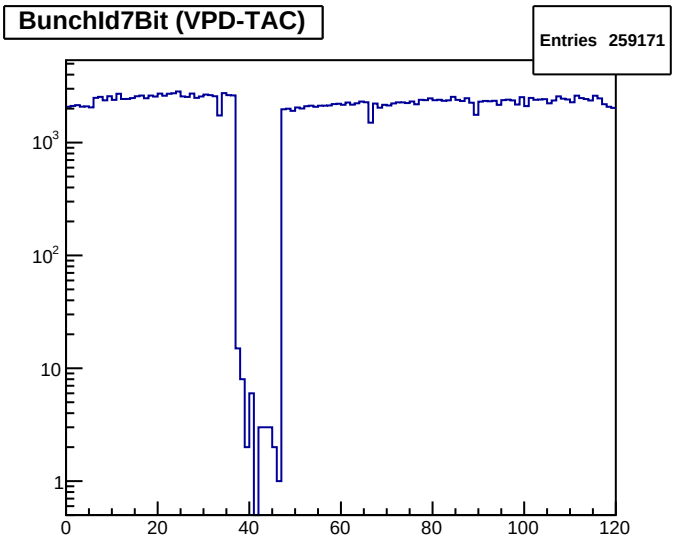
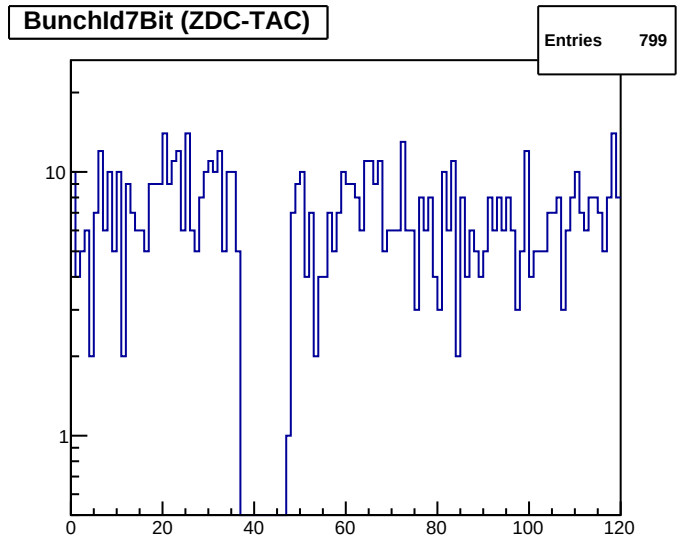
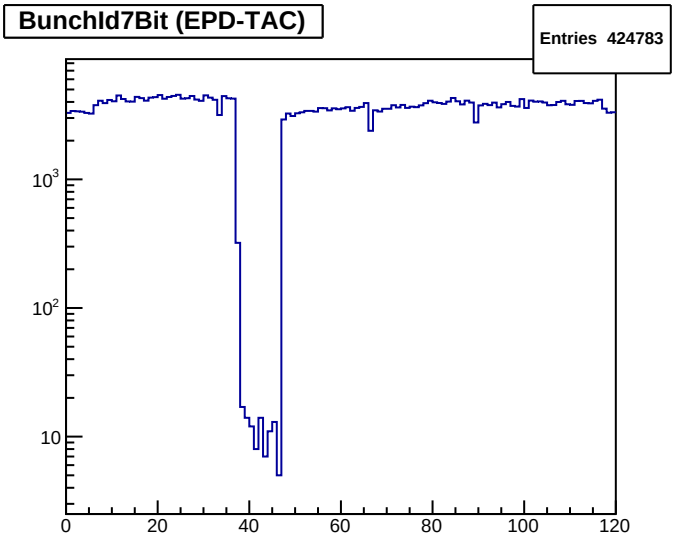
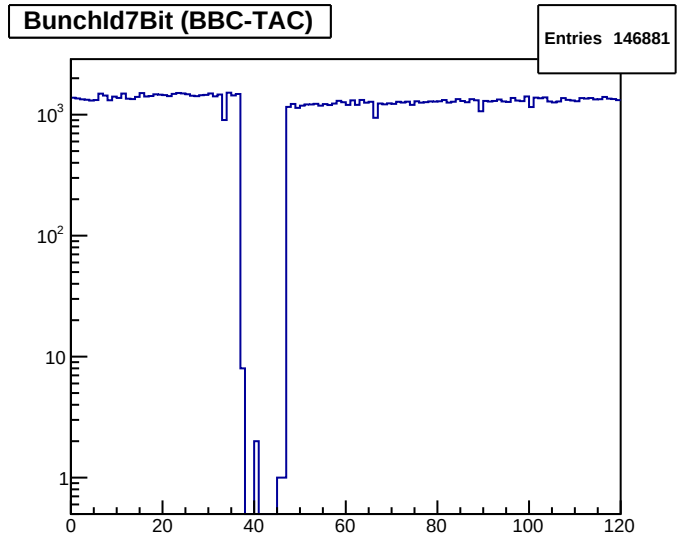
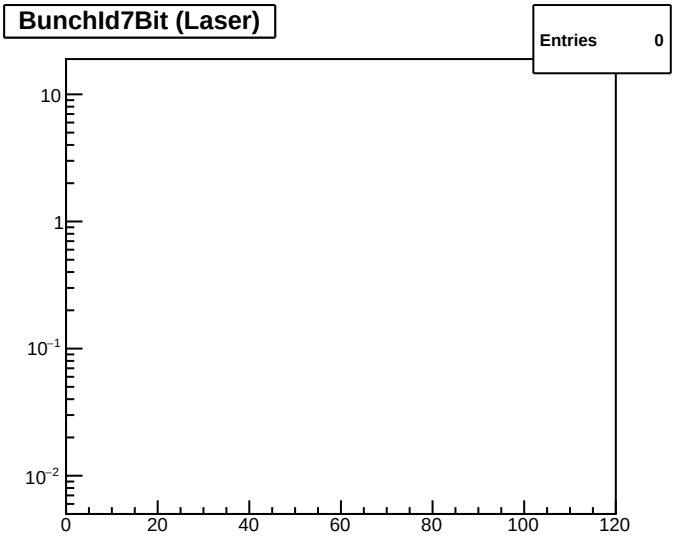
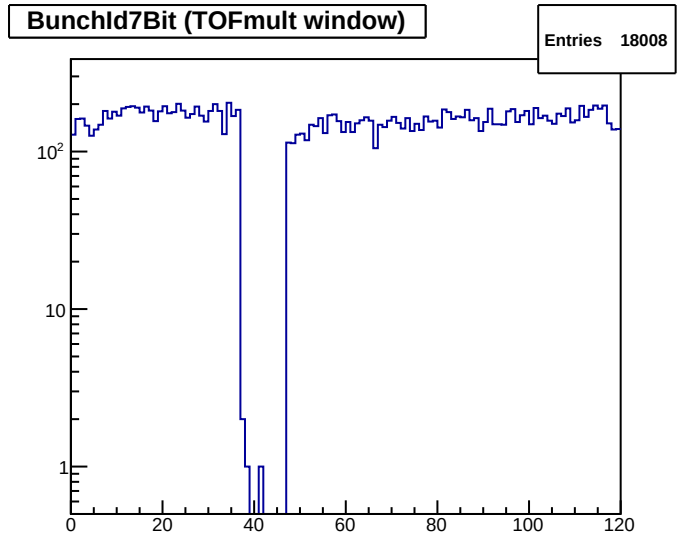

BunchId7Bit (VPD-TAC)
Entries 259171

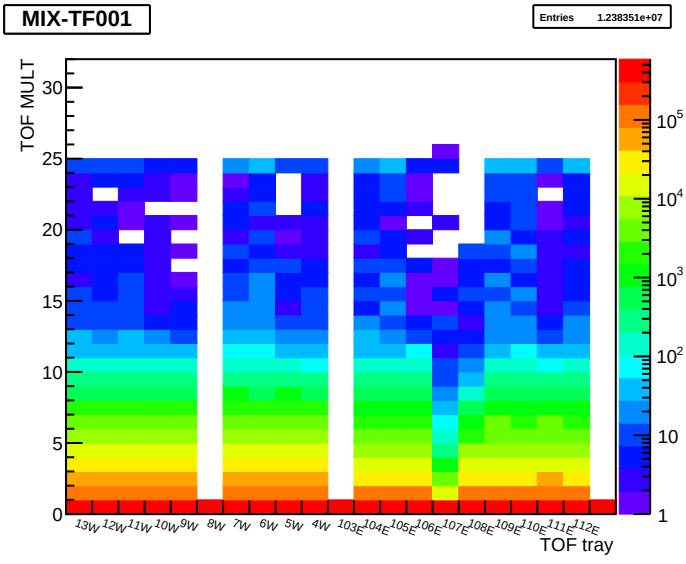

BunchId7Bit (ZDC-TAC)
Entries 799

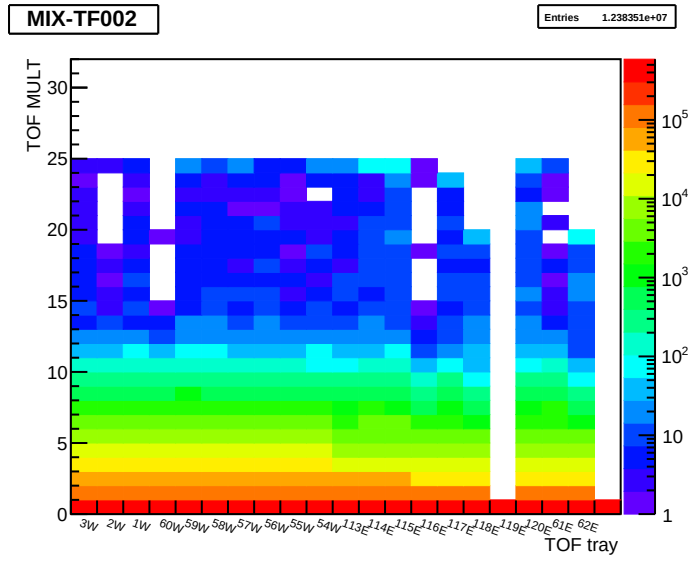

BunchId7Bit (EPD-TAC)
Entries 424783

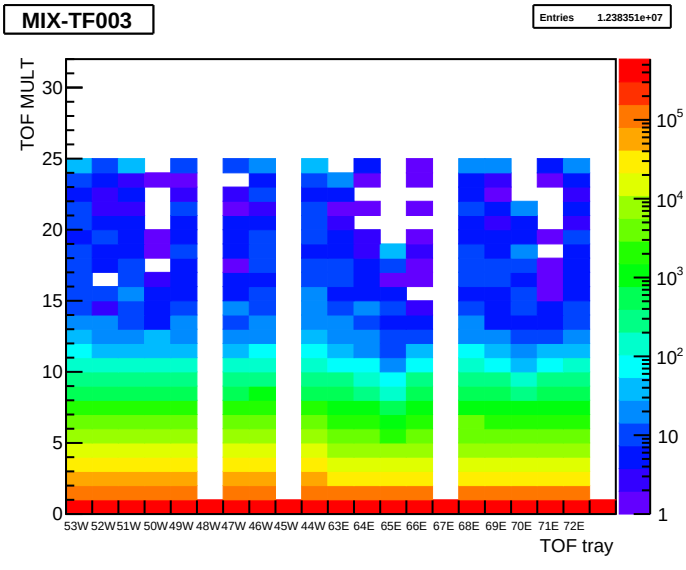

BunchId7Bit (BBC-TAC)
Entries 146881

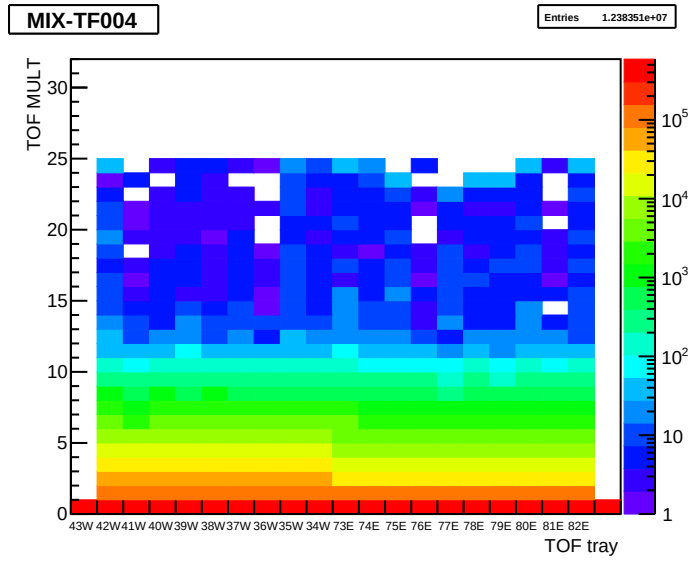

BunchId7Bit (Laser)
Entries 0

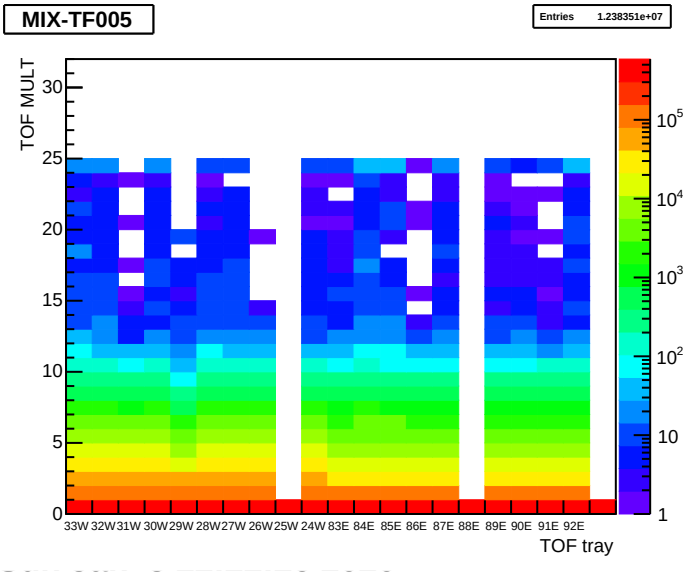

BunchId7Bit (TOFmult window)
Entries 18008

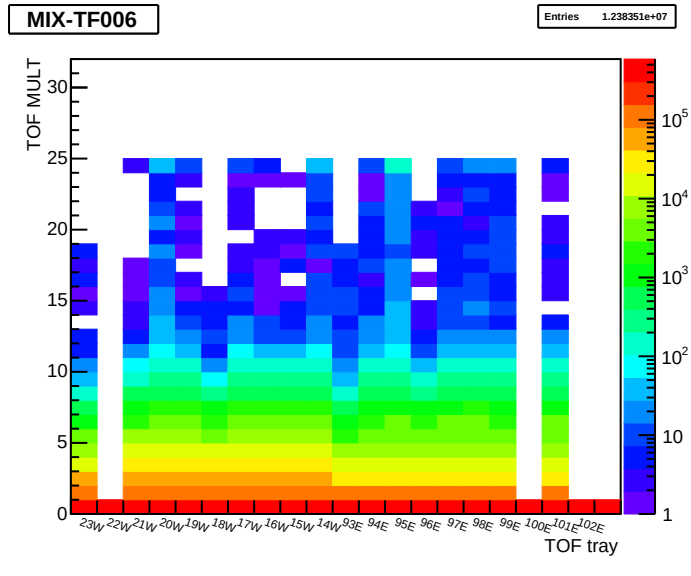

MIX-TF001
Entries 1.238351e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

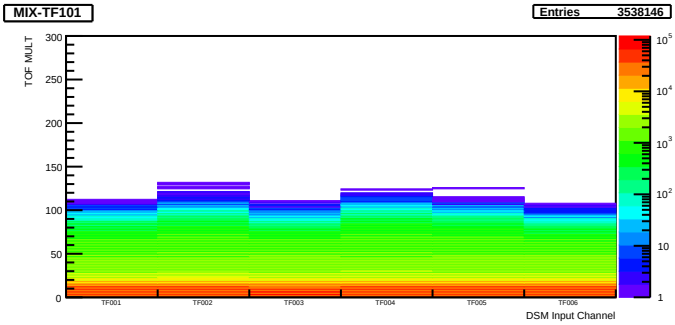

MIX-TF002
Entries 1.238351e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

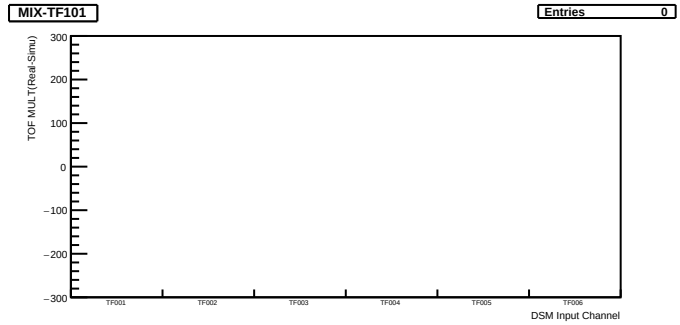

MIX-TF003
Entries 1.238351e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

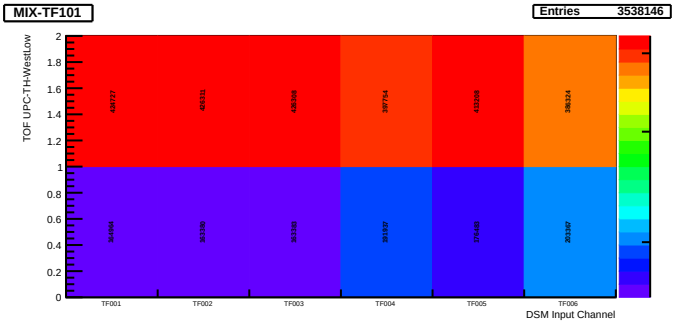

MIX-TF004
Entries 1.238351e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

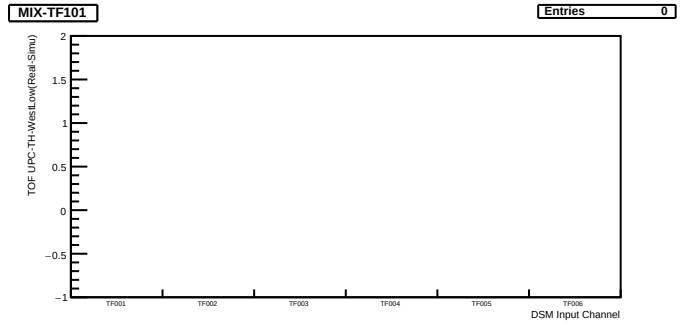

MIX-TF005
Entries 1.238351e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

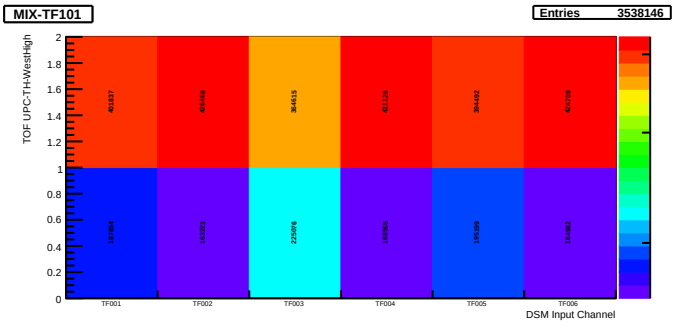

MIX-TF006
Entries 1.238351e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

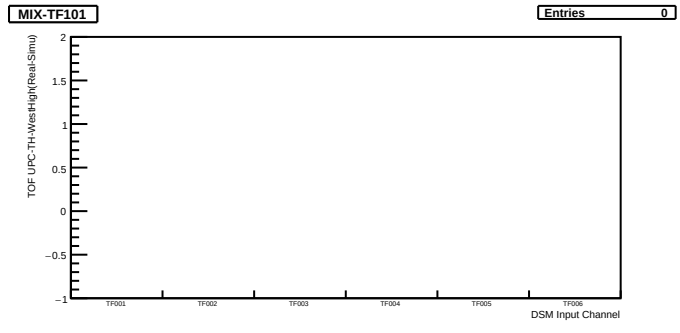

MIX-TF101
Entries 3538146
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

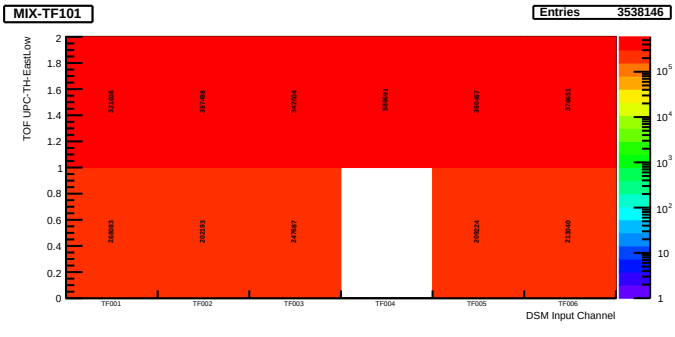

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

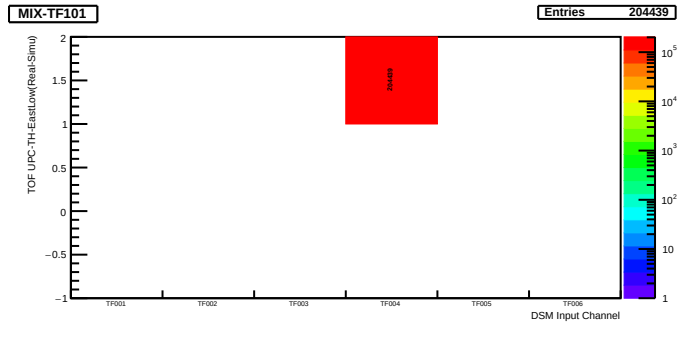

MIX-TF101
Entries 3538146
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

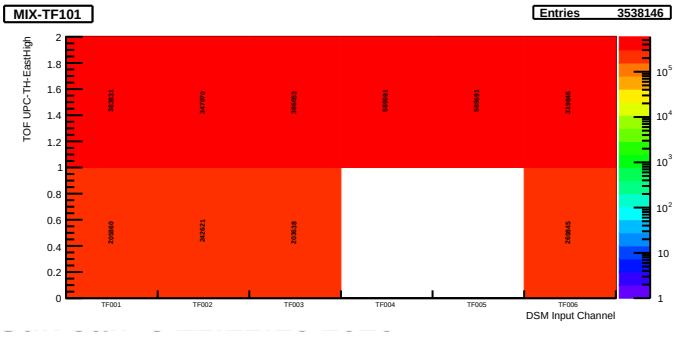

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

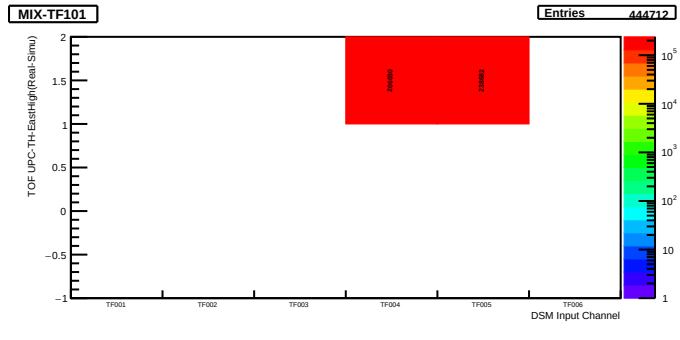

MIX-TF101
Entries 3538146
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

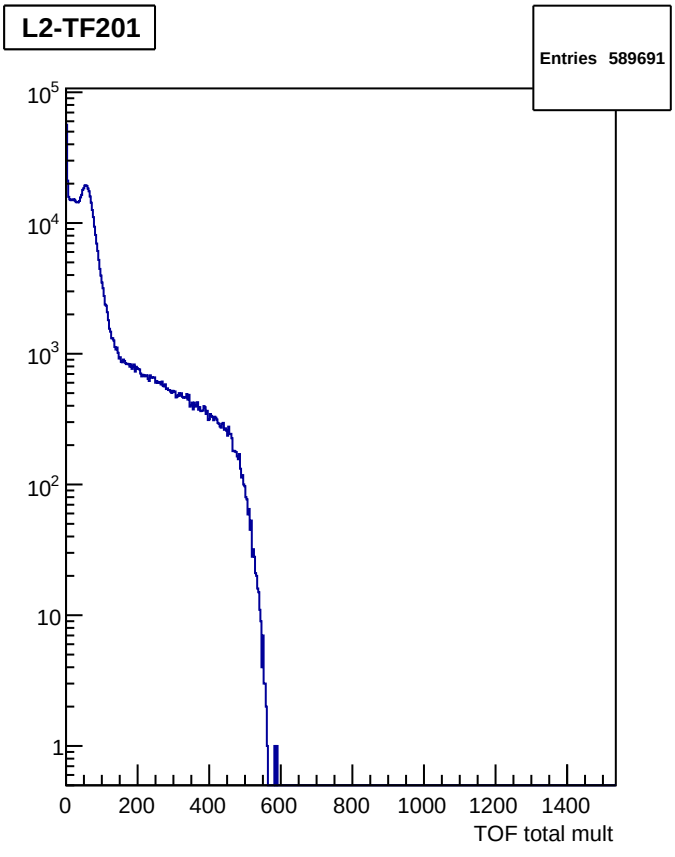

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

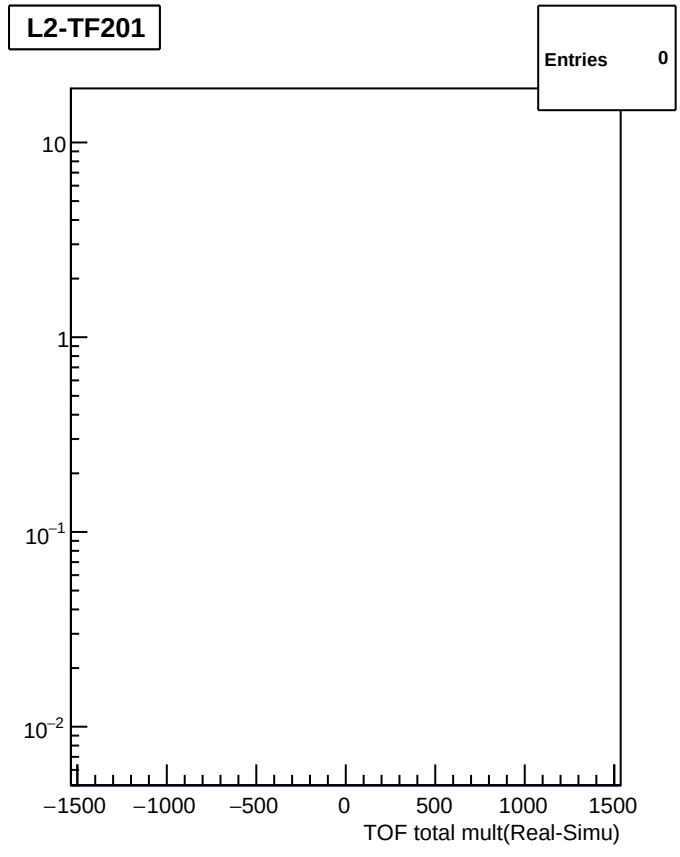

MIX-TF101
Entries 3538146
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

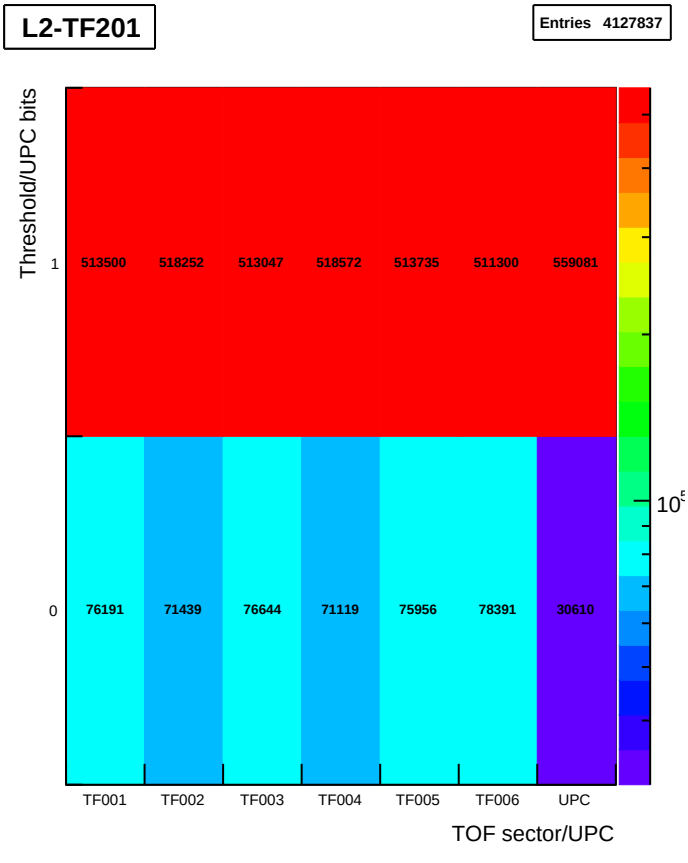

MIX-TF101
Entries 204439
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

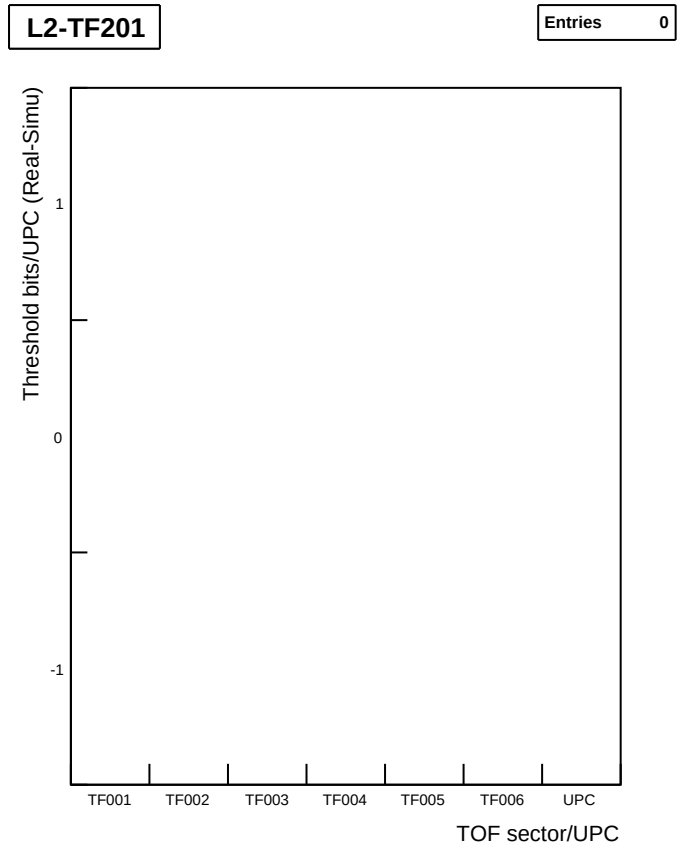

MIX-TF101
Entries 3538146
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

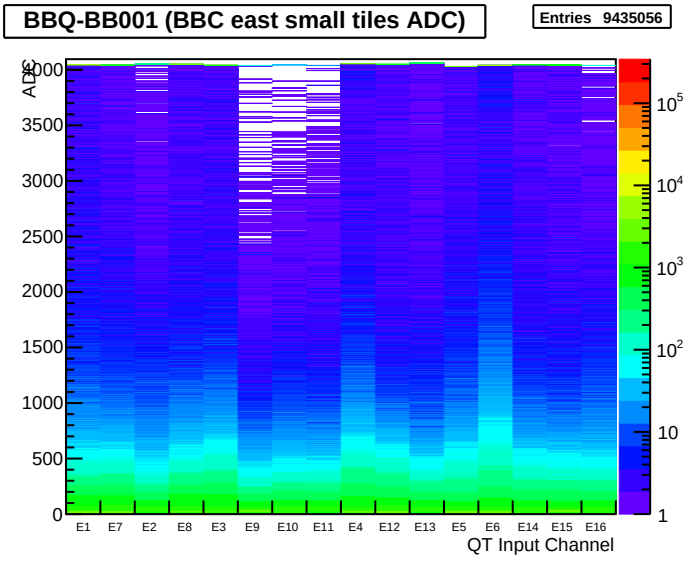

MIX-TF101
Entries 444712
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

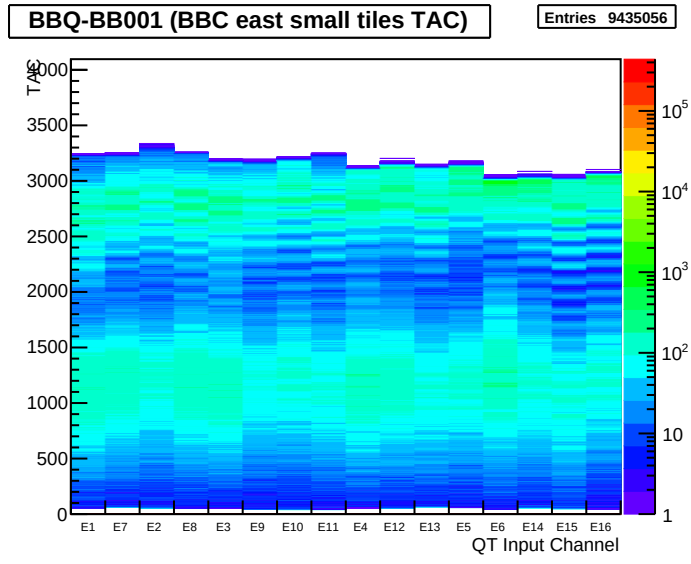

L2-TF201
Entries 589691
TOF total mult

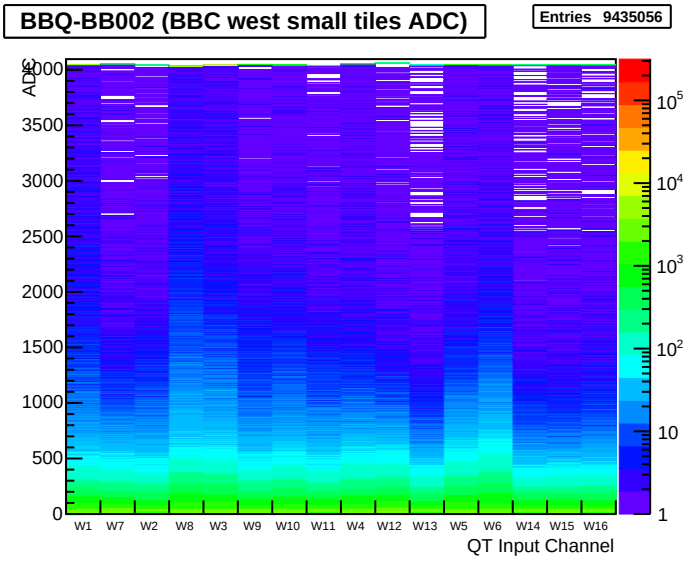

L2-TF201
Entries 0
TOF total mult(Real-Simu)

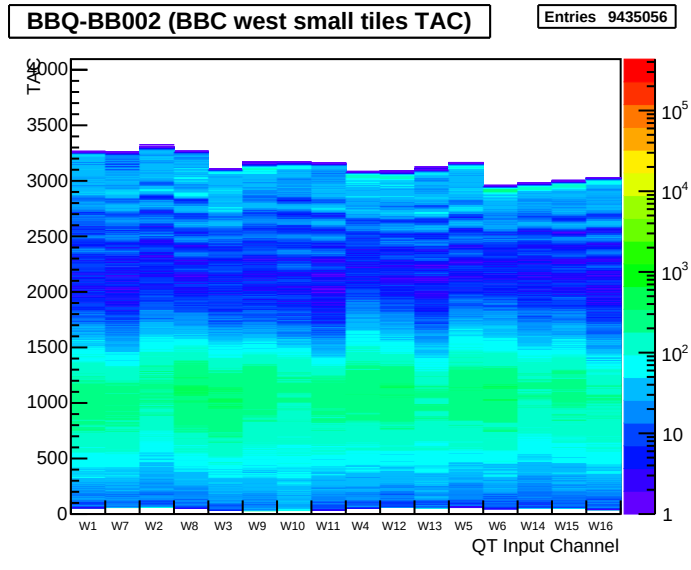

L2-TF201
Entries 4127837
Threshold/UPC bits
513500
518252
513047
518572
513735
511300
559081
76191
71439
76644
71119
75956
78391
30610
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

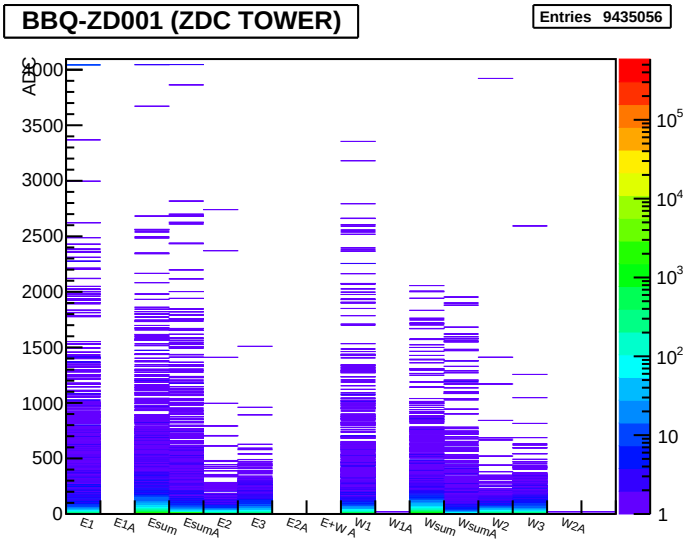

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

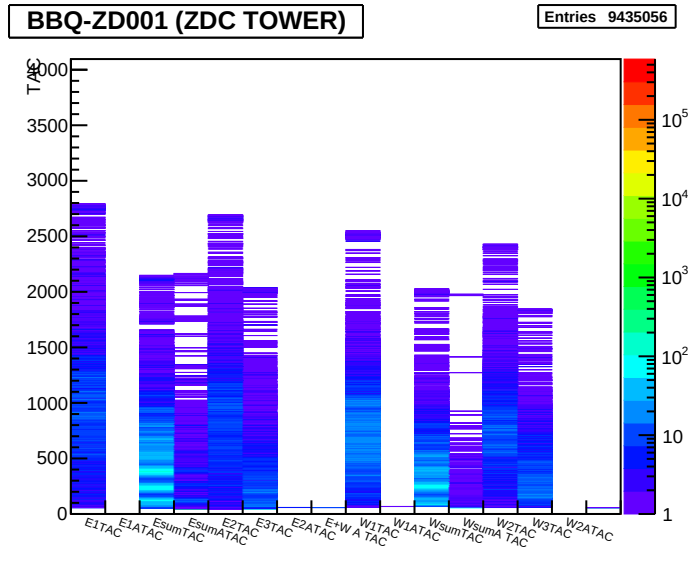

BBQ-BB001 (BBC east small tiles ADC)
Entries 9435056
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

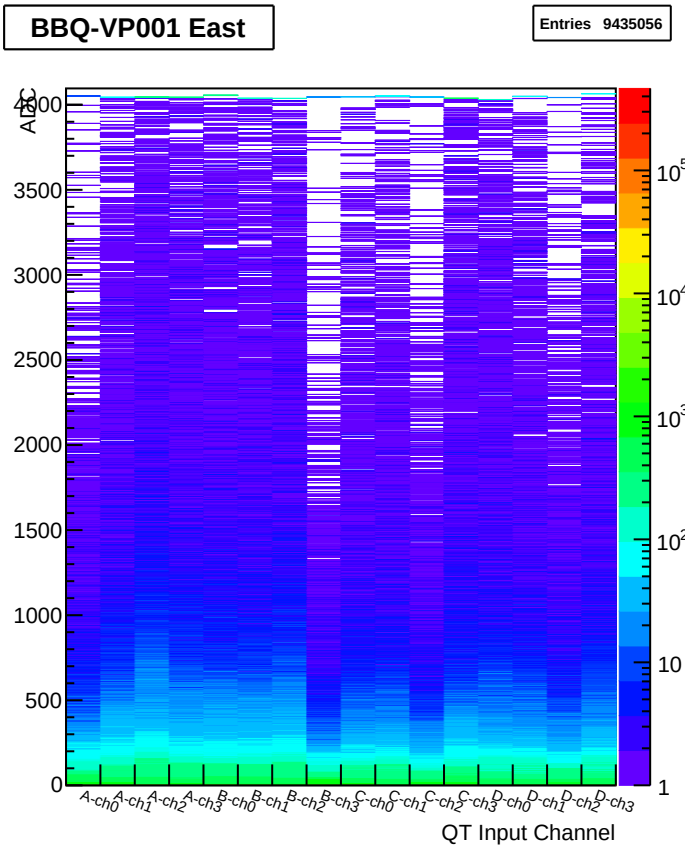

BBQ-BB001 (BBC east small tiles TAC)
Entries 9435056
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

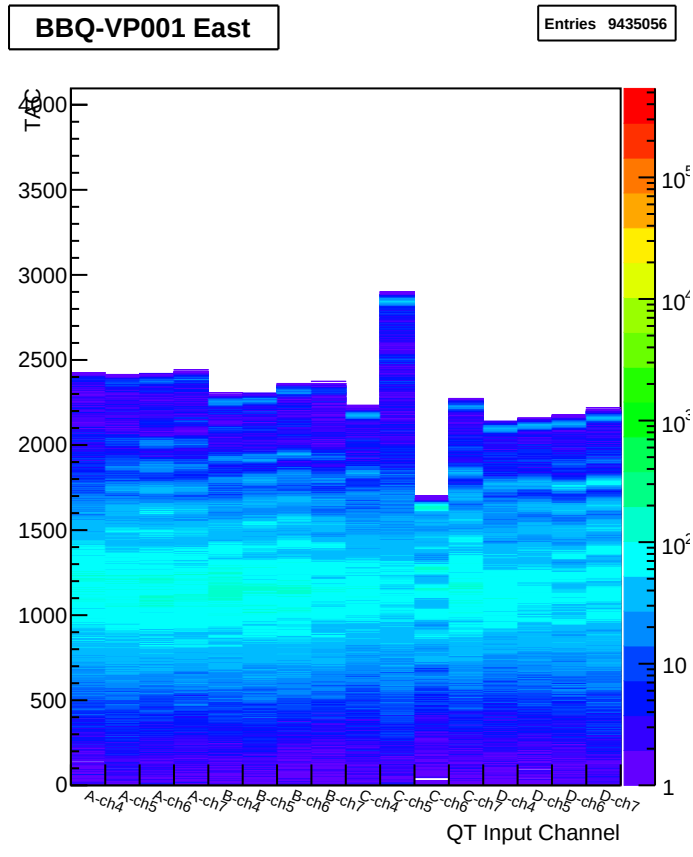

BBQ-BB002 (BBC west small tiles ADC)
Entries 9435056
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

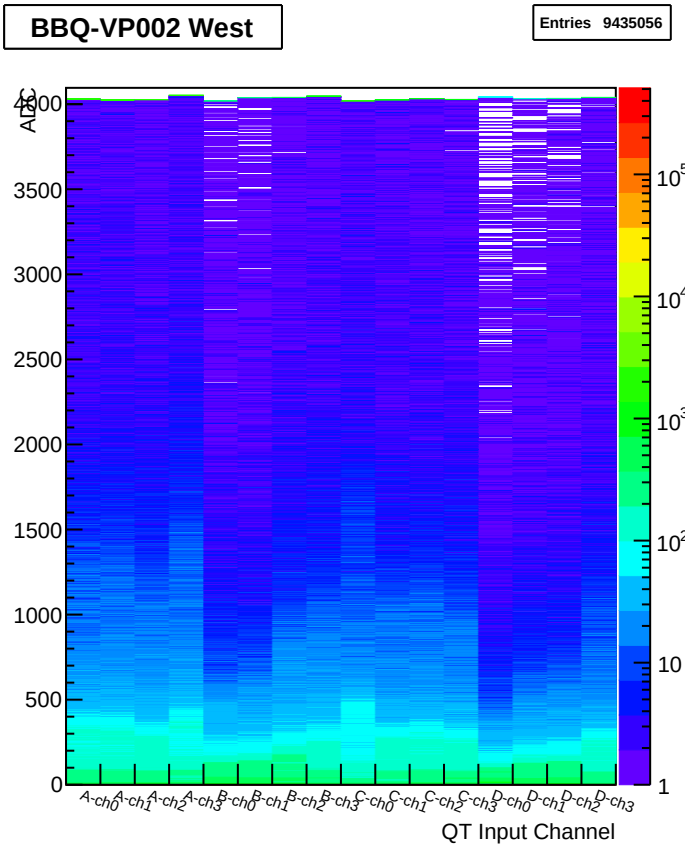

BBQ-BB002 (BBC west small tiles TAC)
Entries 9435056
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

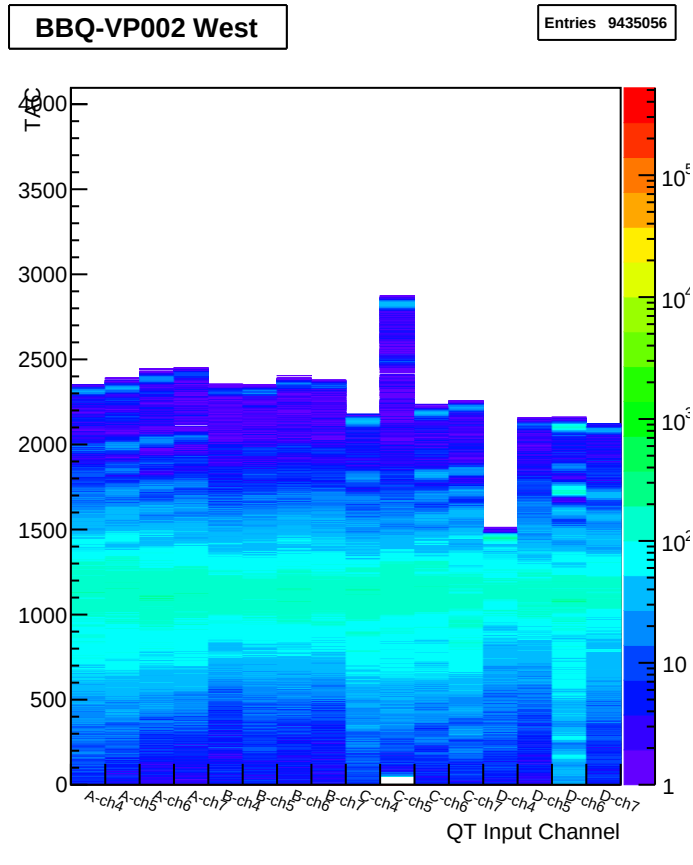

BBQ-ZD001 (ZDC TOWER)
Entries 9435056
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

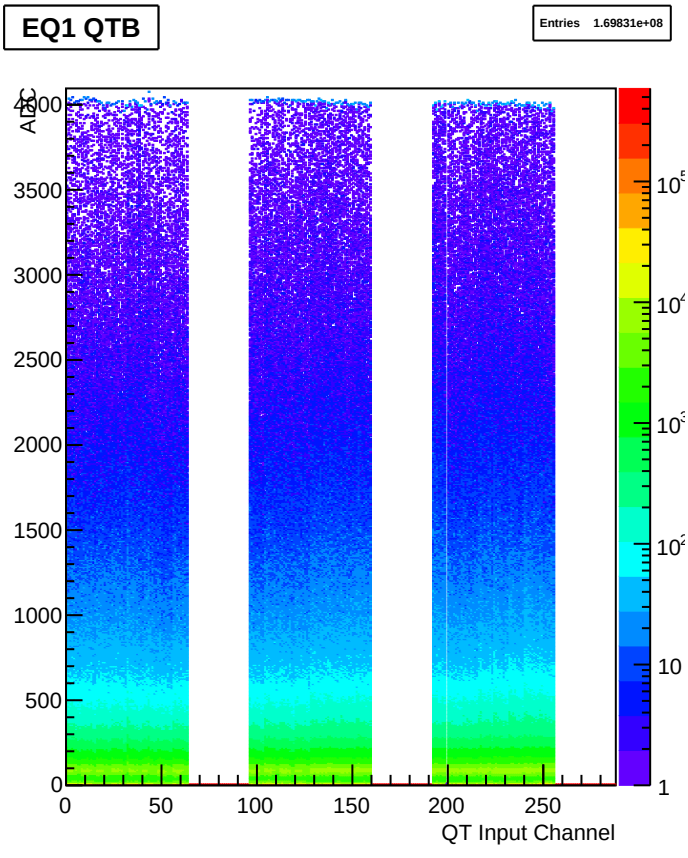

BBQ-ZD001 (ZDC TOWER)
Entries 9435056
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

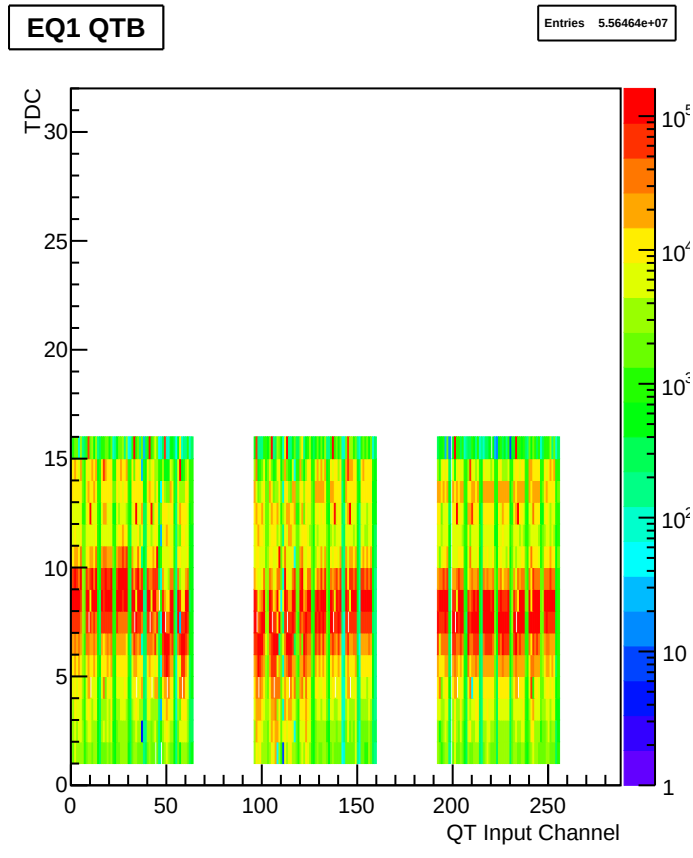

BBQ-VP001 East
Entries 9435056
ADC
QT Input Channel

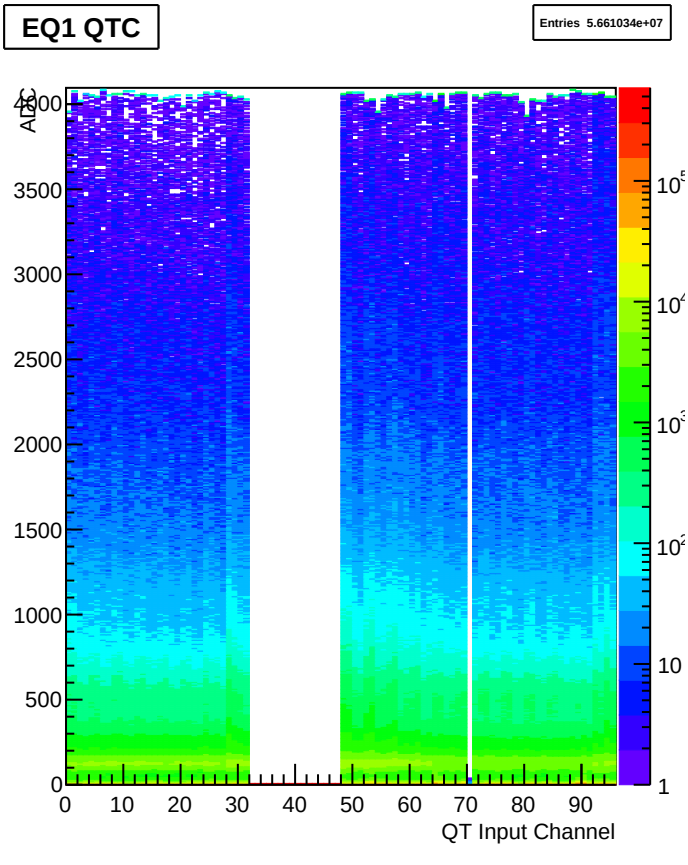

BBQ-VP001 East
Entries 9435056
TADC
QT Input Channel

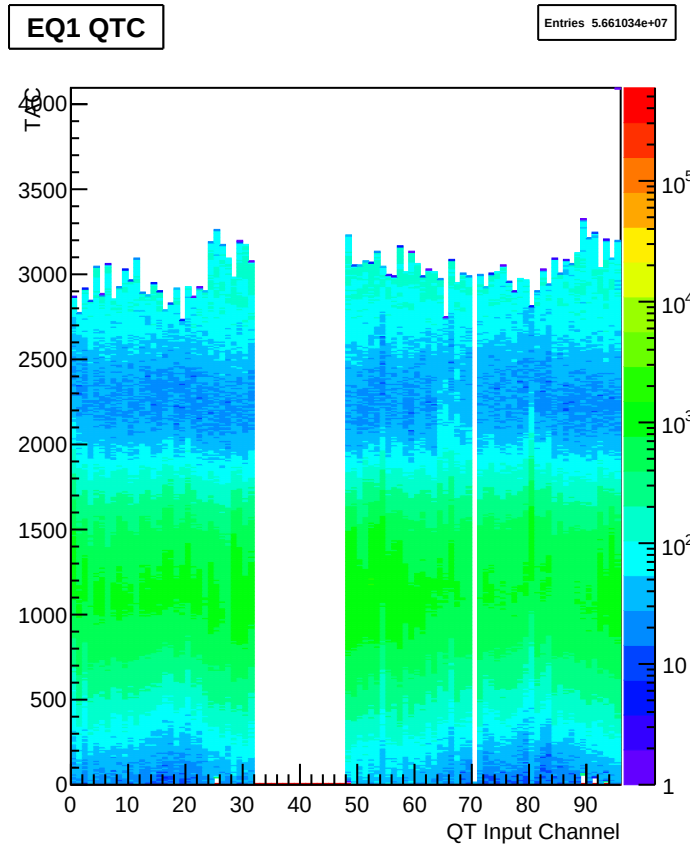

BBQ-VP002 West
Entries 9435056
ADC
QT Input Channel

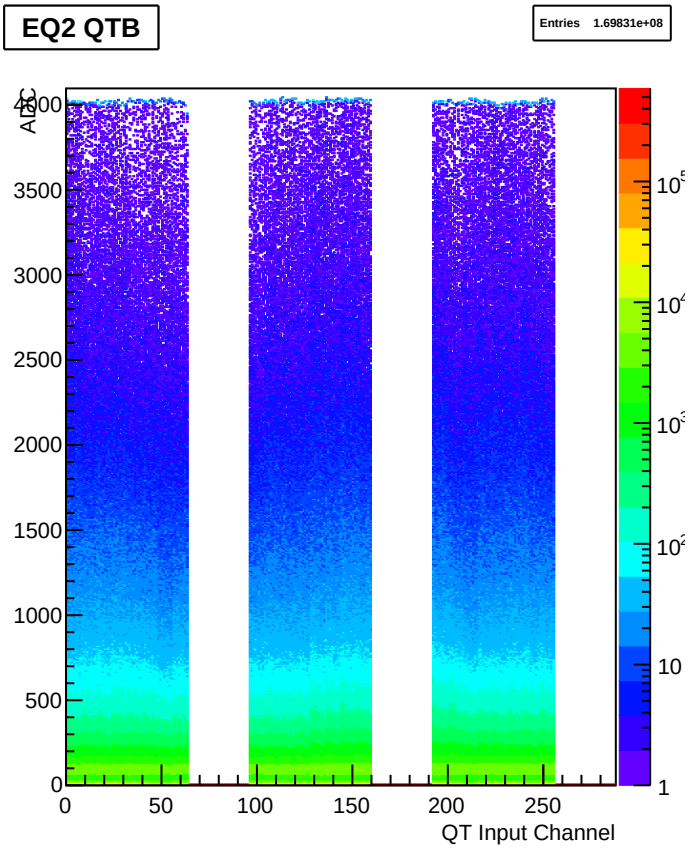

BBQ-VP002 West
Entries 9435056
TADC
QT Input Channel

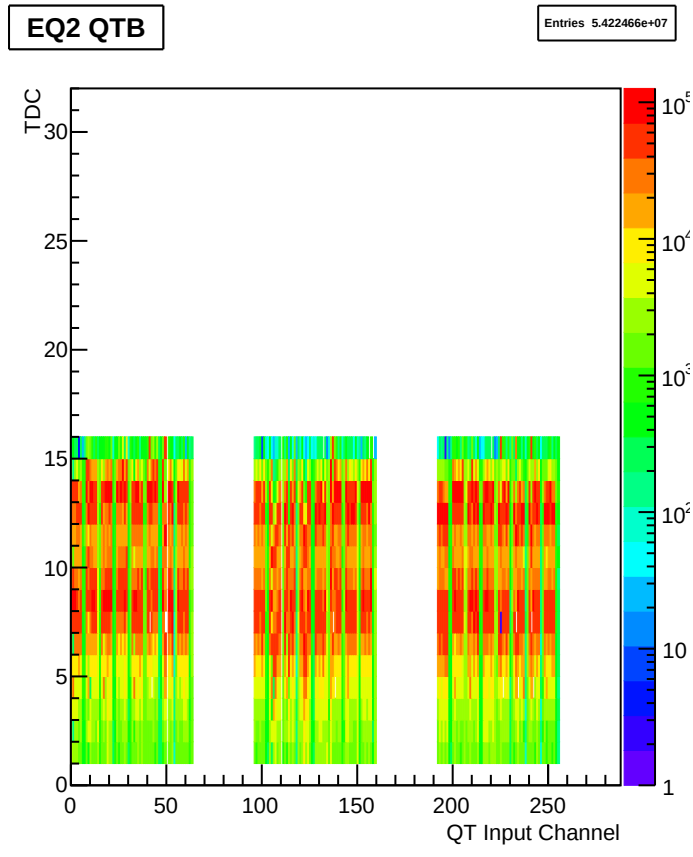

EQ1 QTB
Entries 1.69831e+08
ADC
QT Input Channel

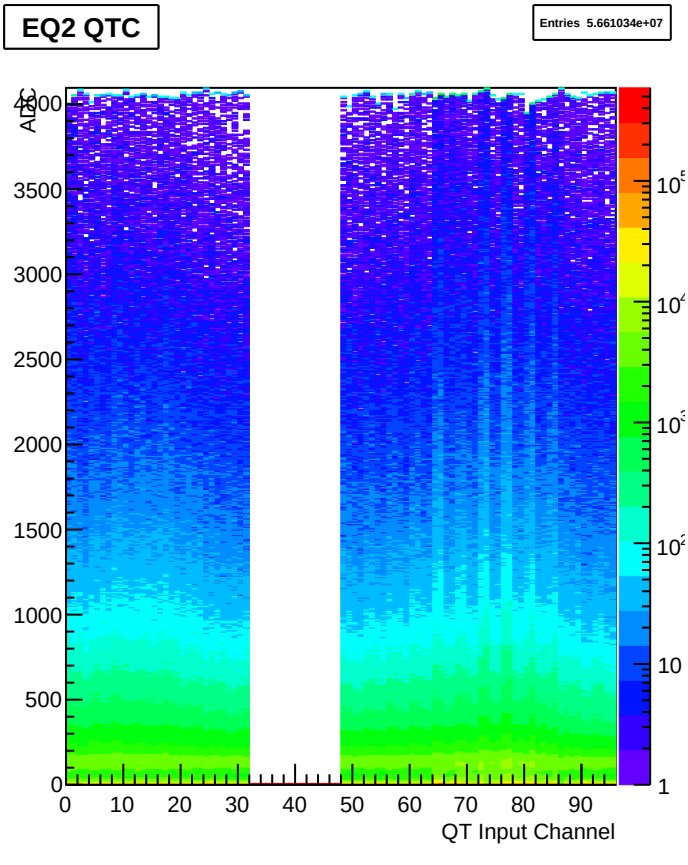

EQ1 QTB
Entries 5.56464e+07
TDC
QT Input Channel

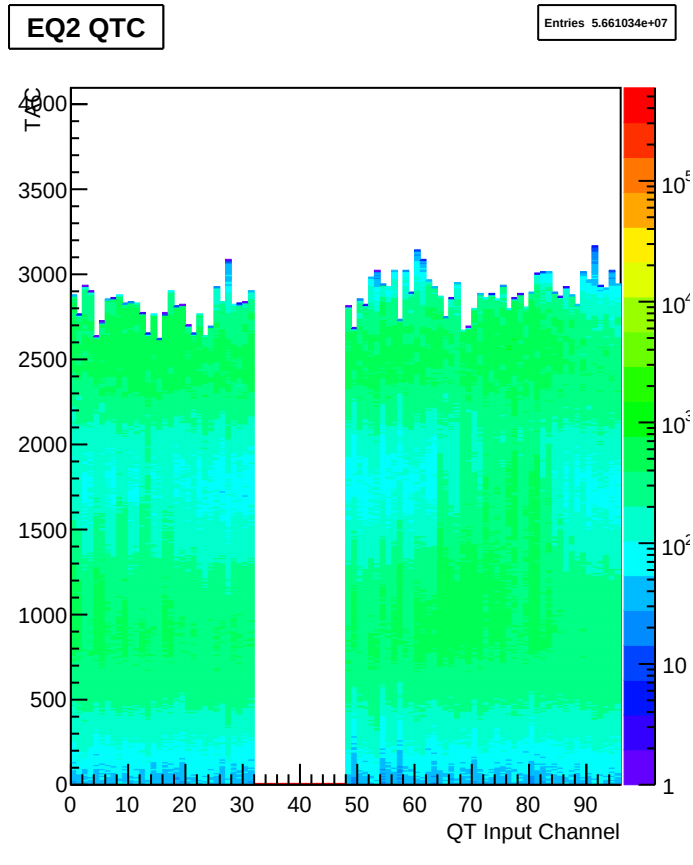

EQ1 QTC
Entries 5.661034e+07
ADC
QT Input Channel

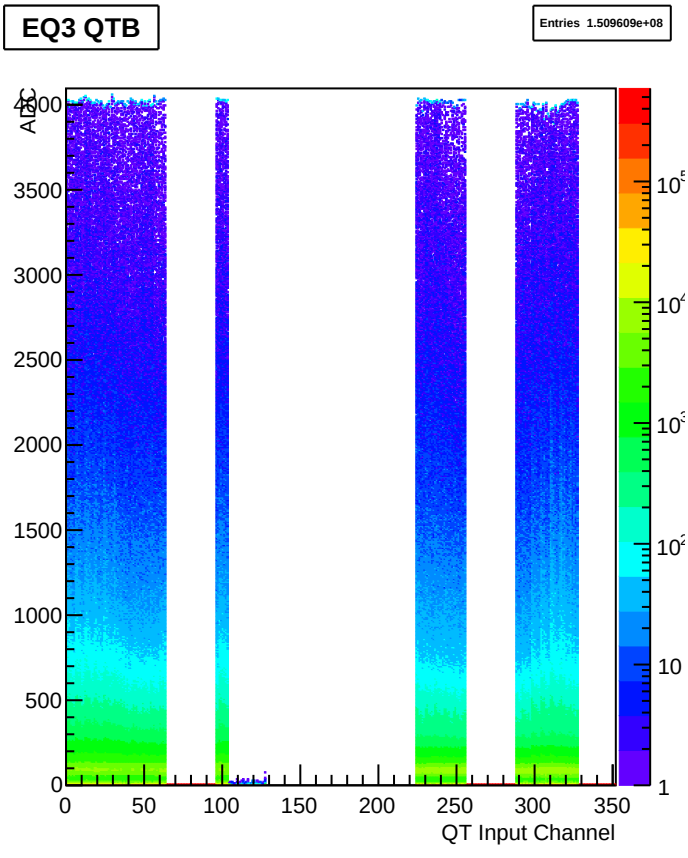

EQ1 QTC
Entries 5.661034e+07
TADC
QT Input Channel

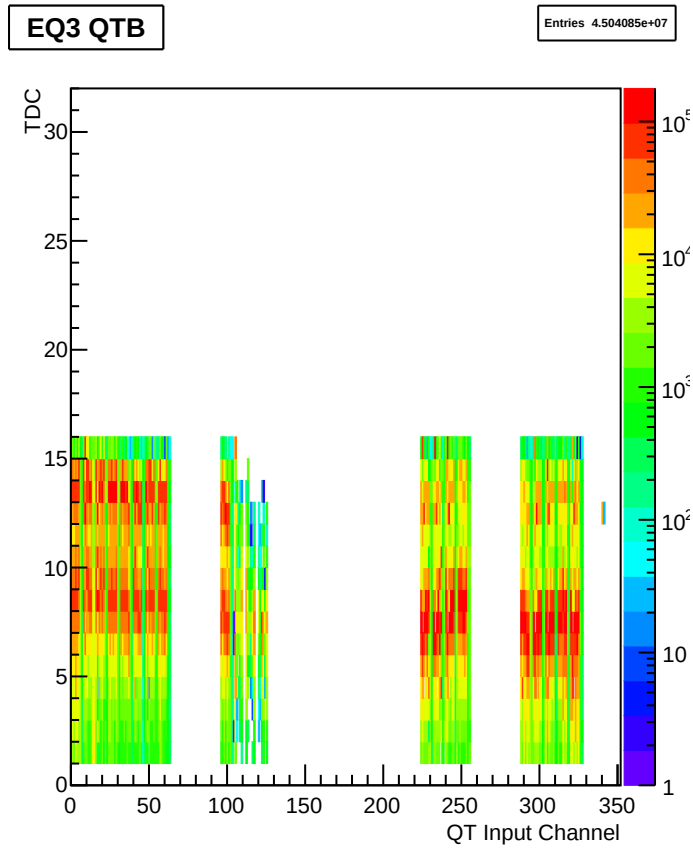

EQ2 QTB
Entries 1.69831e+08
ADC
QT Input Channel

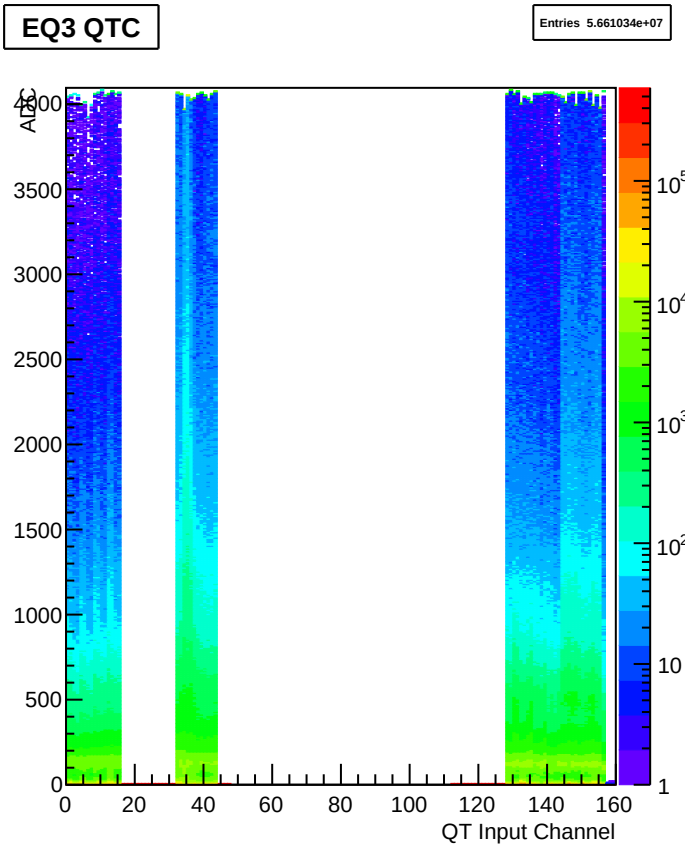

EQ2 QTB
Entries 5.422466e+07
TDC
QT Input Channel

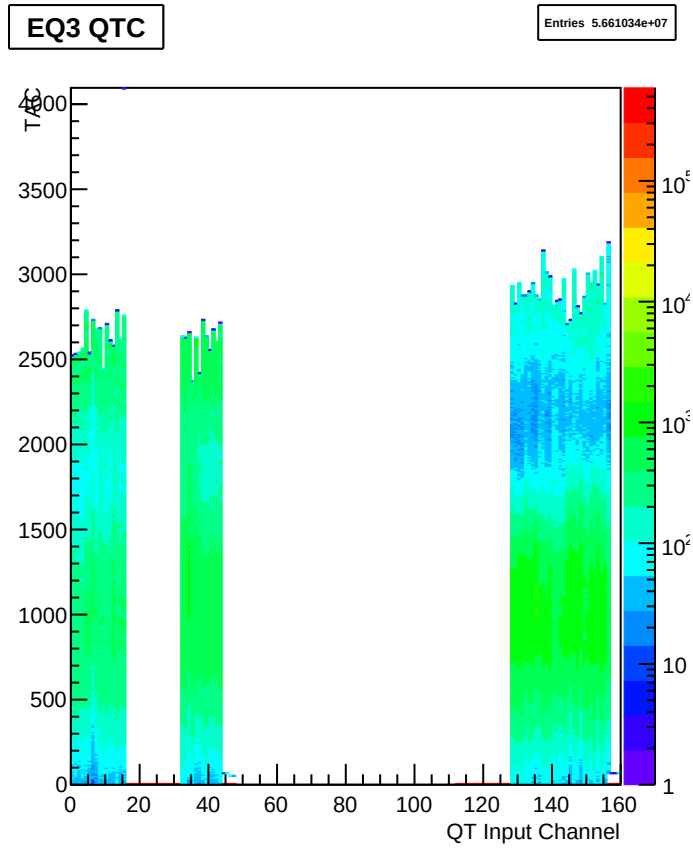

EQ2 QTC
Entries 5.661034e+07
ADC
QT Input Channel

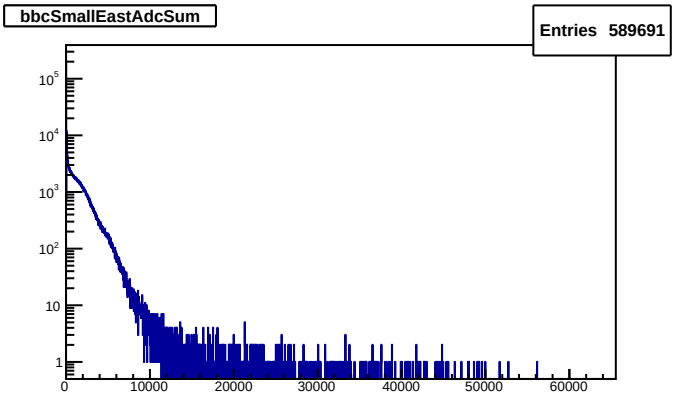

EQ2 QTC
Entries 5.661034e+07
TADC
QT Input Channel

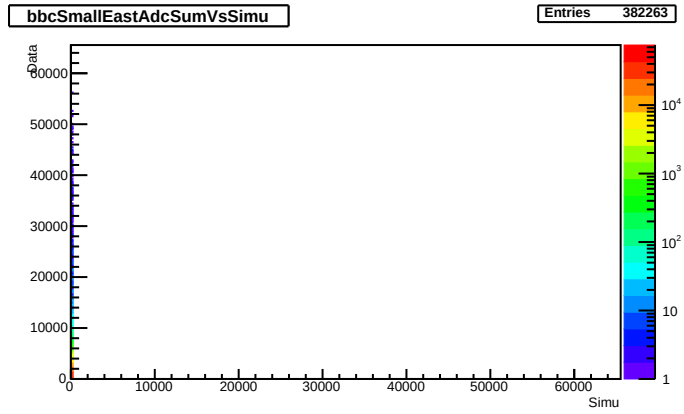

EQ3 QTB
Entries 1.509609e+08
ADC
QT Input Channel

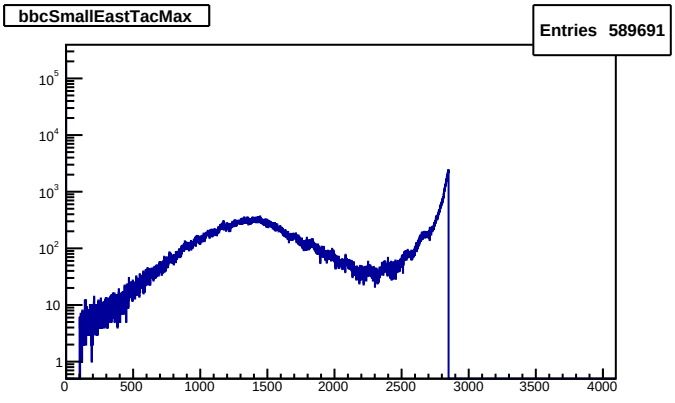

EQ3 QTB
Entries 4.504085e+07
TDC
QT Input Channel

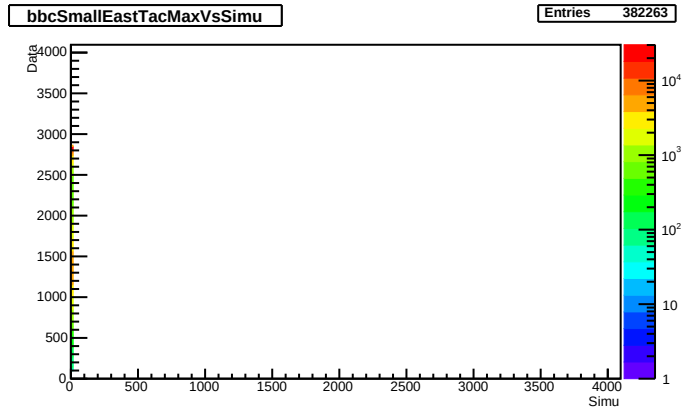

EQ3 QTC
Entries 5.661034e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.661034e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 589691


bbcSmallEastAdcSumVsSimu
Entries 382263
Data
Simu


bbcSmallEastTacMax
Entries 589691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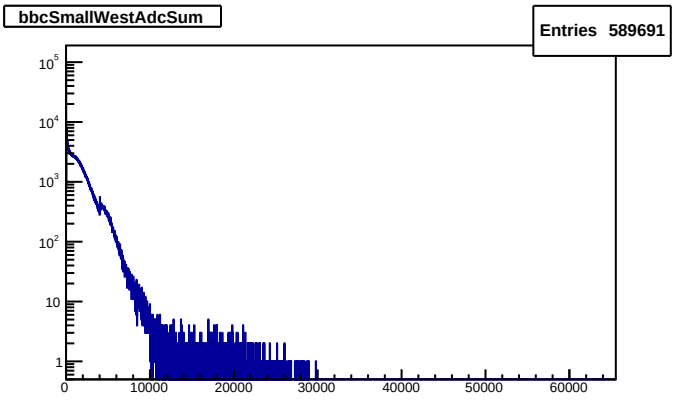
Entries 382263
Data
Simu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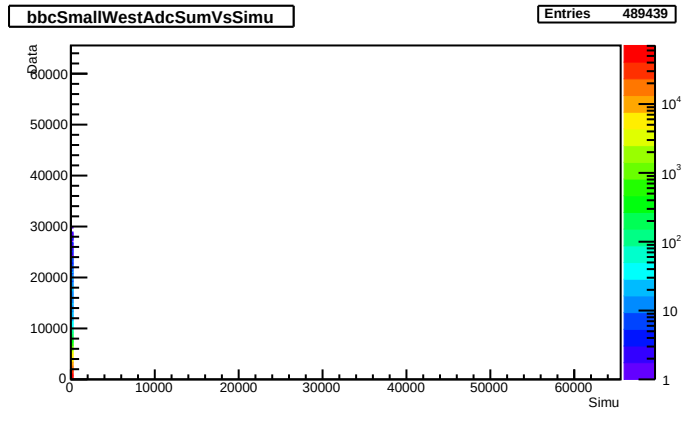
Entries 589691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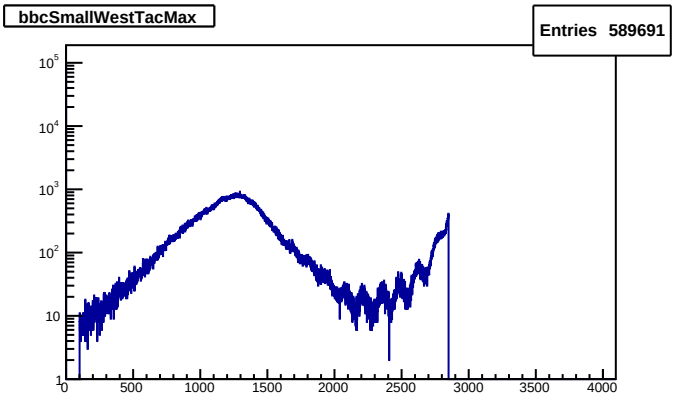
Entries 489439
Data
Simu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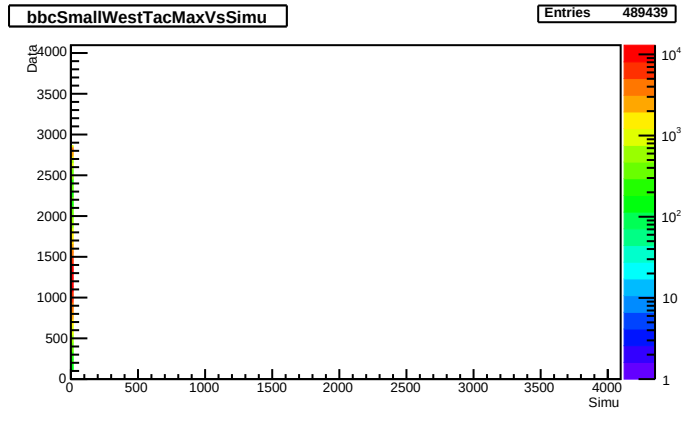
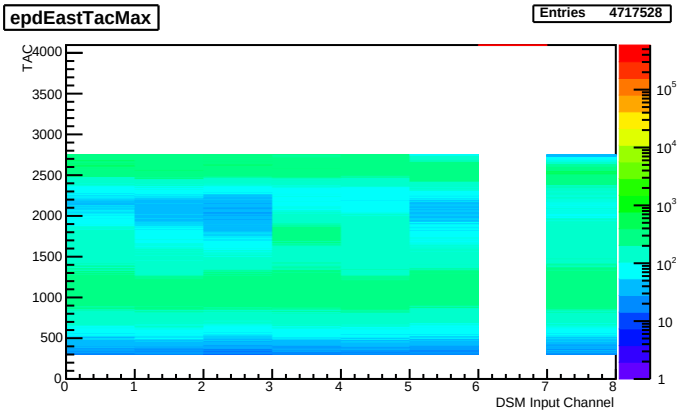
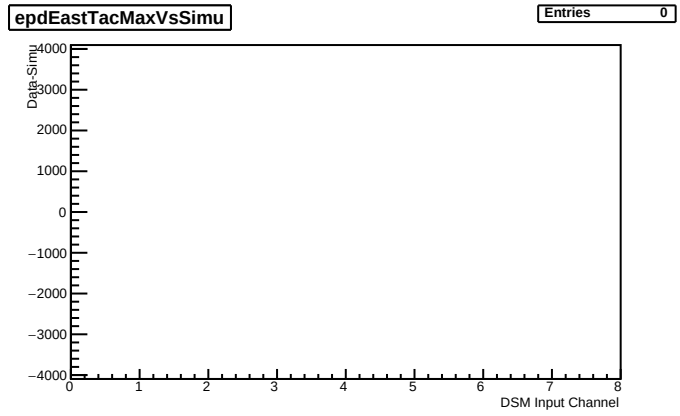
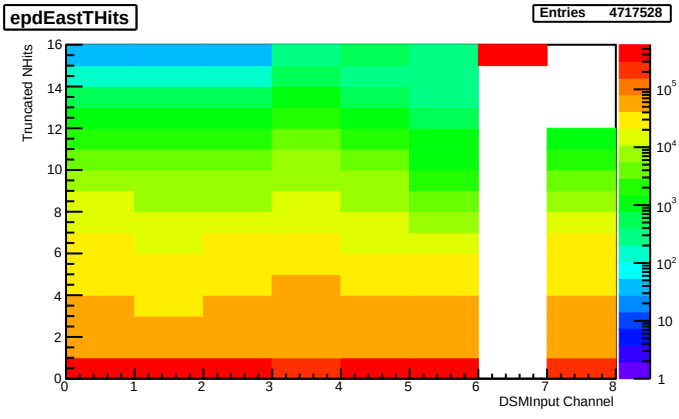
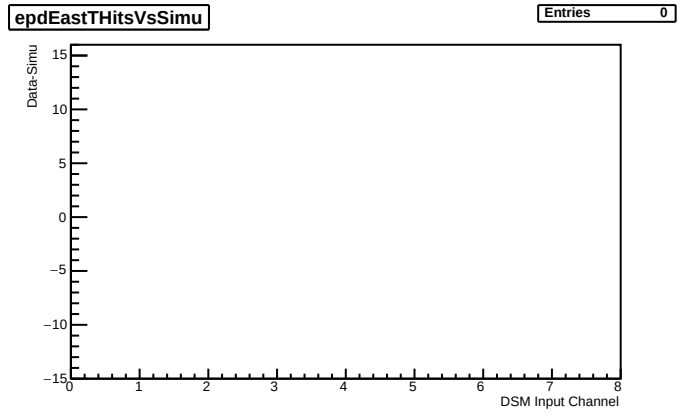
Entries 589691


bbcSmallWestTacMaxVsSimu
Entries 489439
Data
Simu


epdEastTacMax
Entries 4717528
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4717528
Truncated NHits
DSMInput Channel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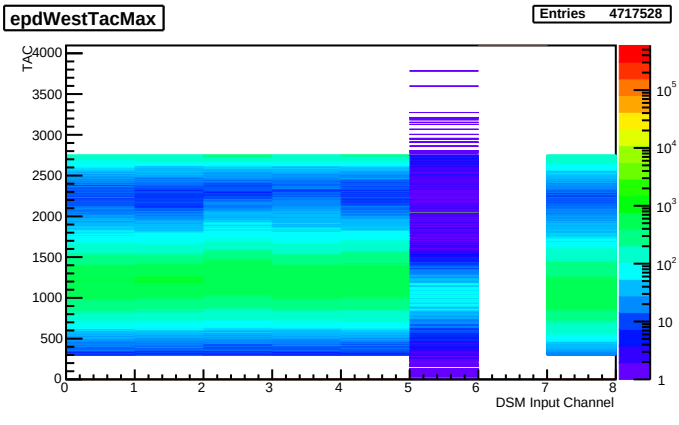
DSM Input Channel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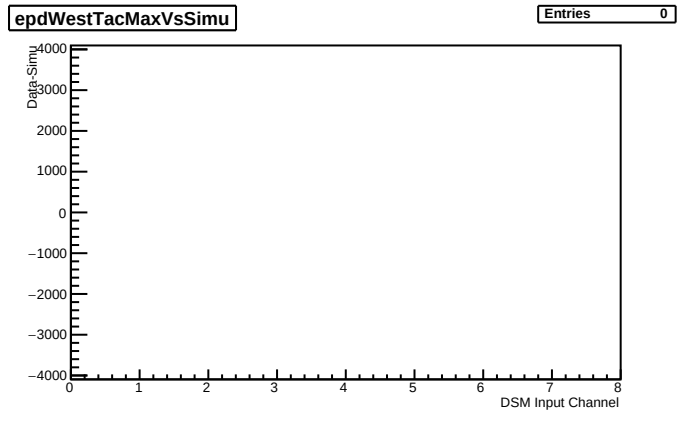
TAC
DSM Input Channel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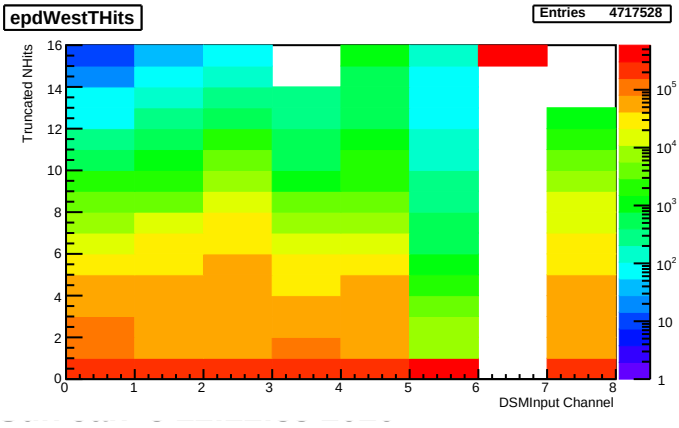
Data-Simu
DSM Input Channel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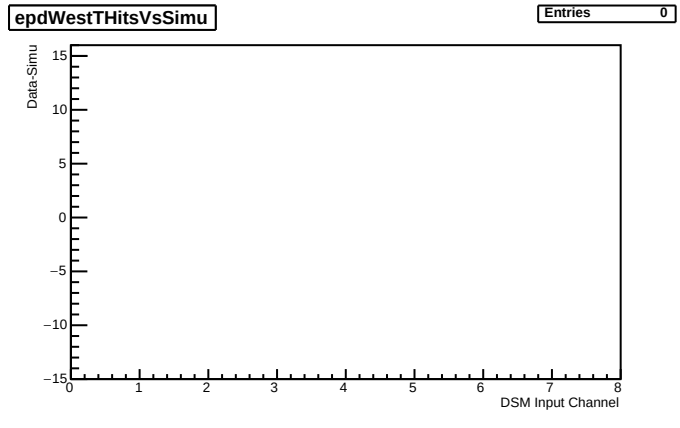
Entries 4717528
Truncated NHits
DSMInput Channel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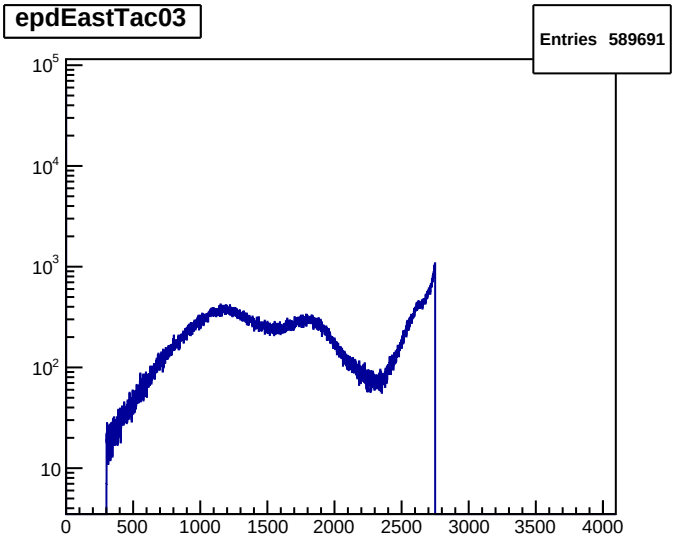
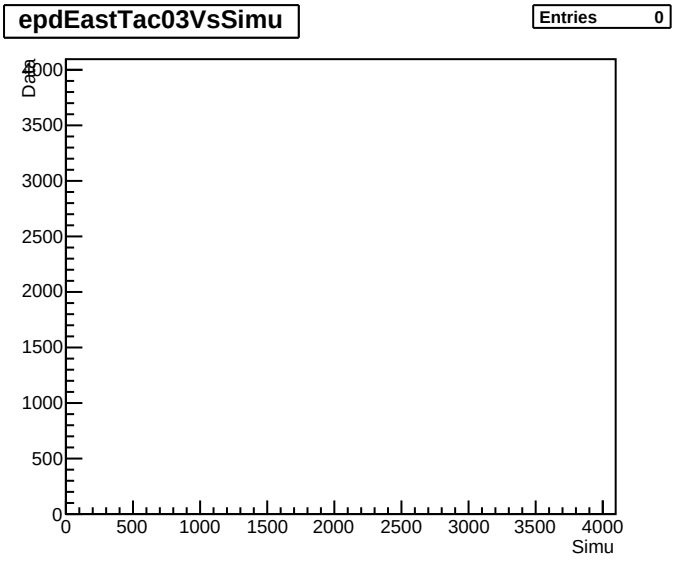
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 589691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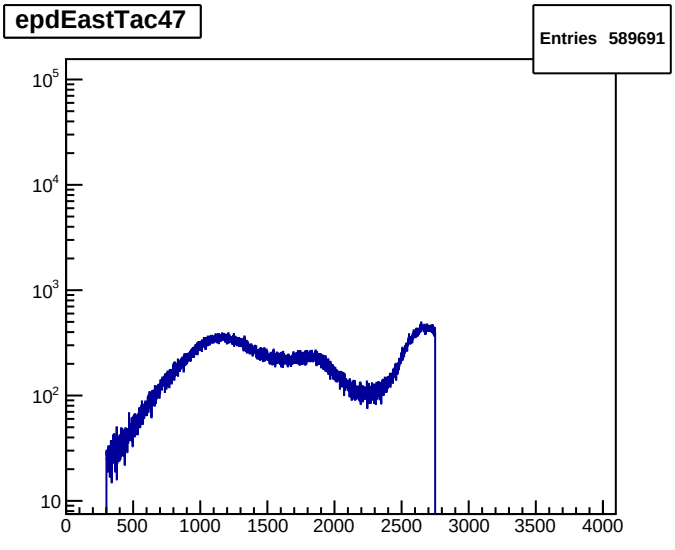
Entries 0
Data
Simu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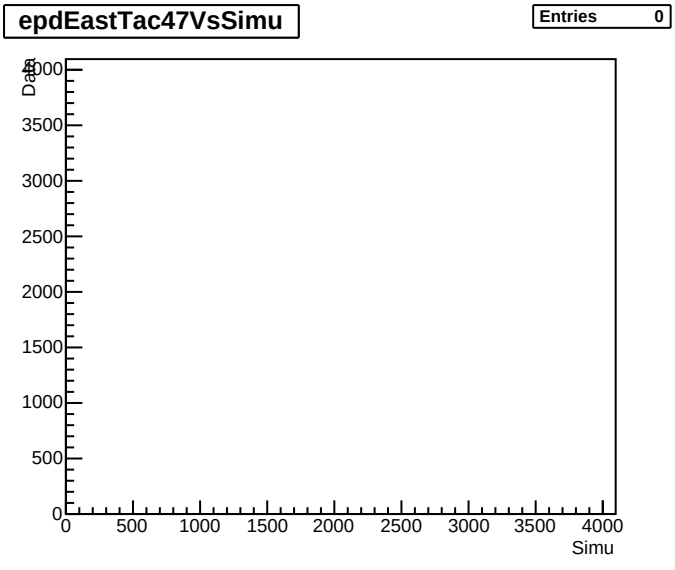
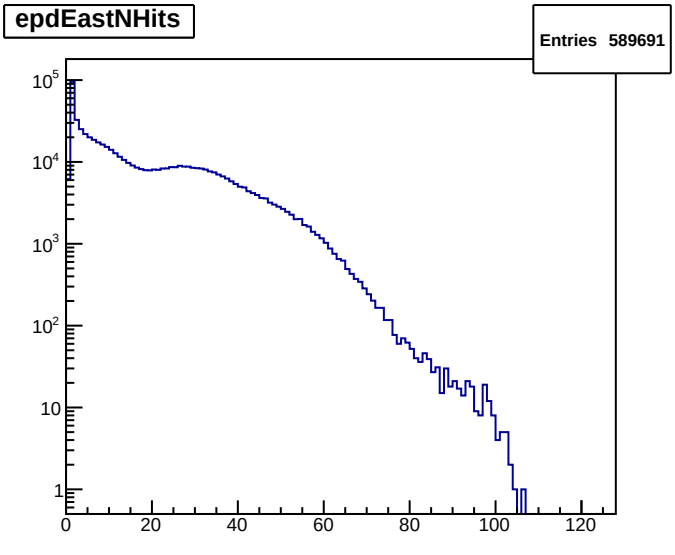
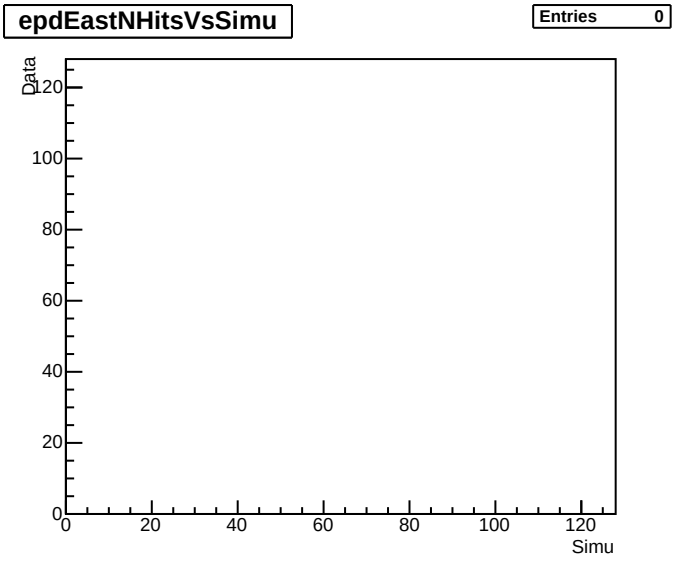
Entries 589691


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 589691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Entries 0
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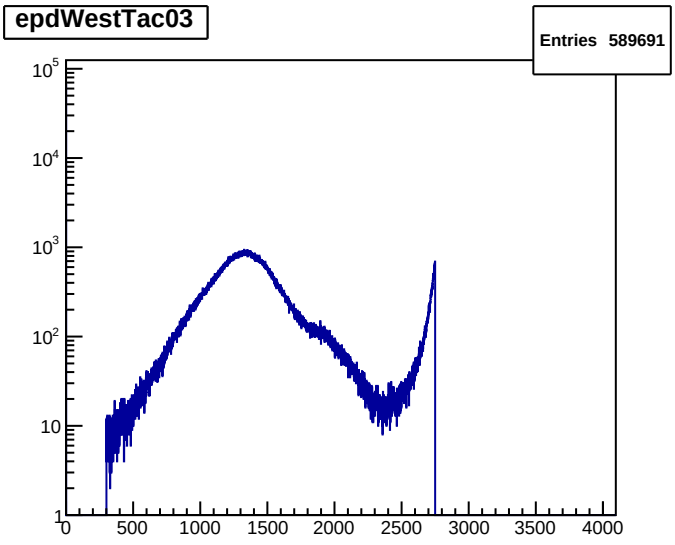
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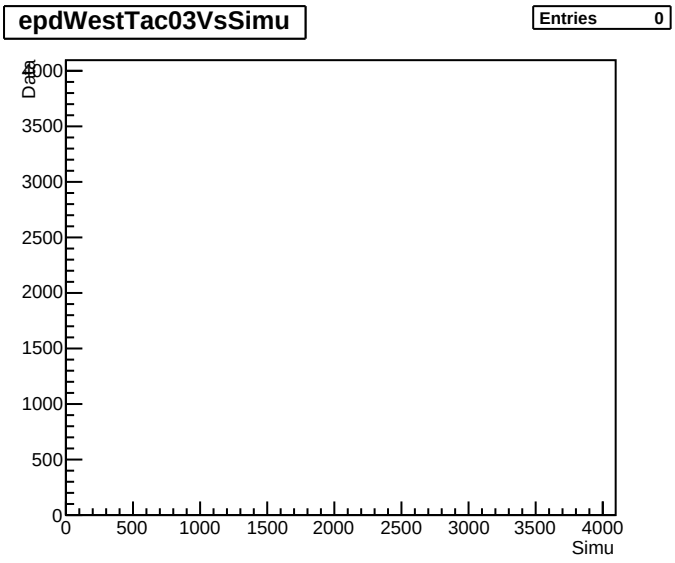
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Entries 0
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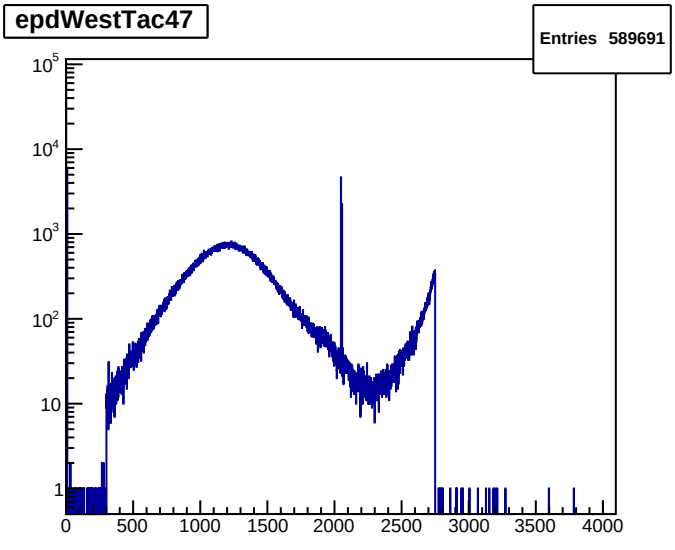
Simu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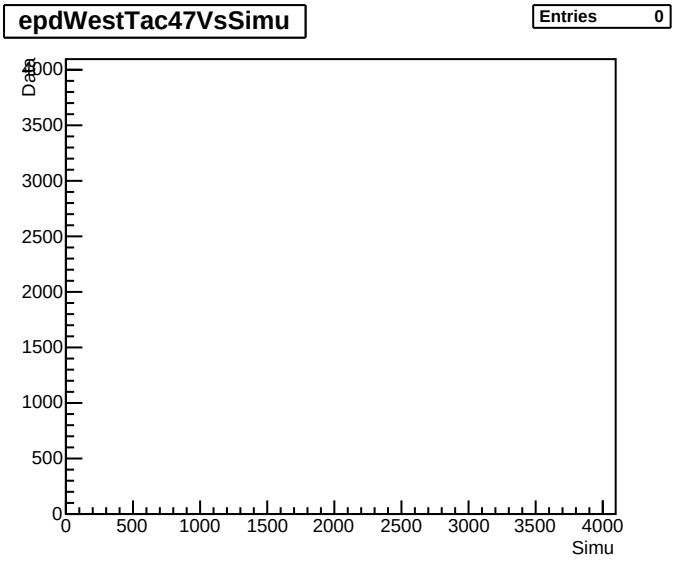
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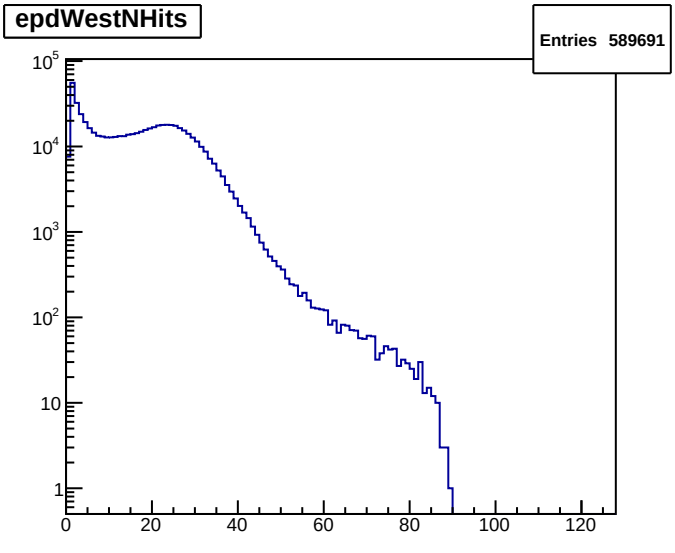
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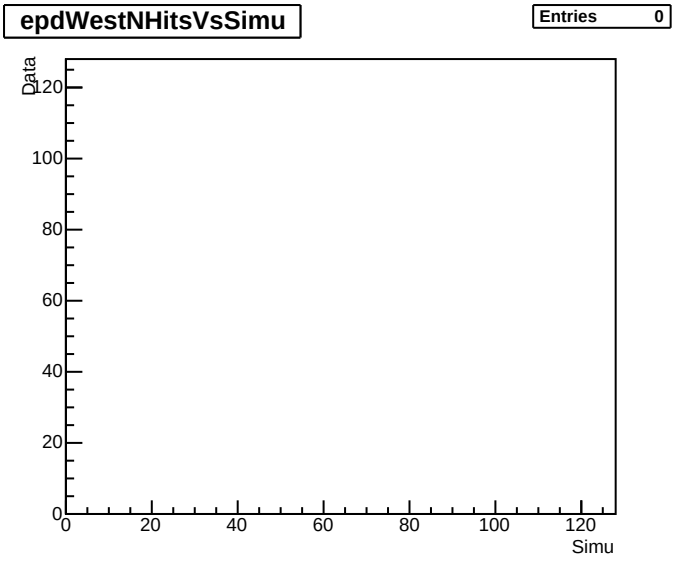
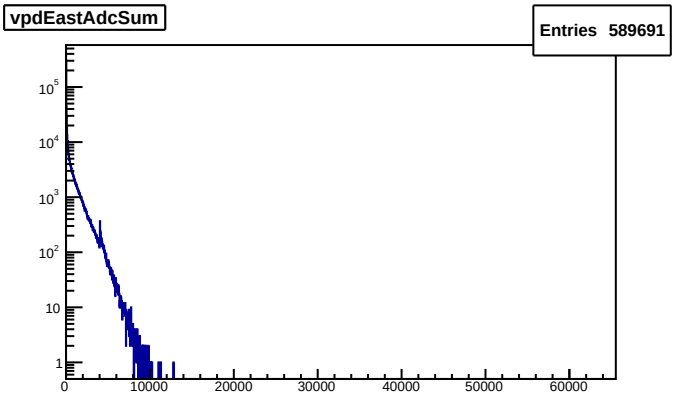
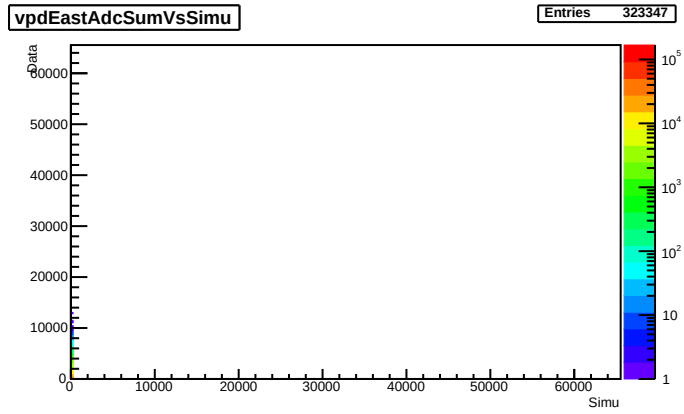
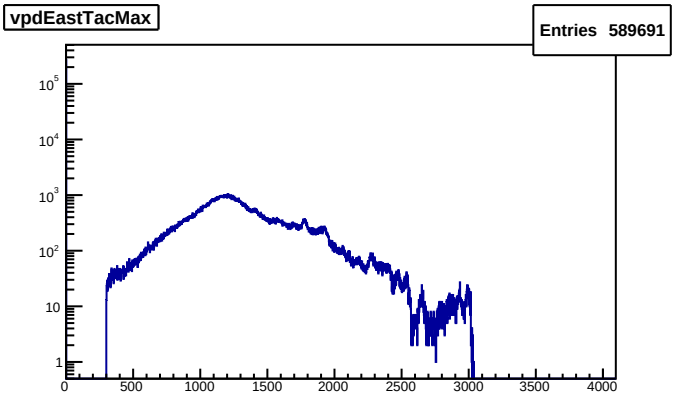
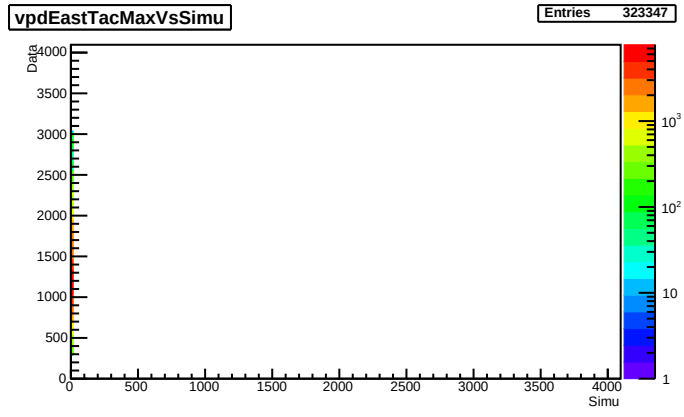
Entries 589691

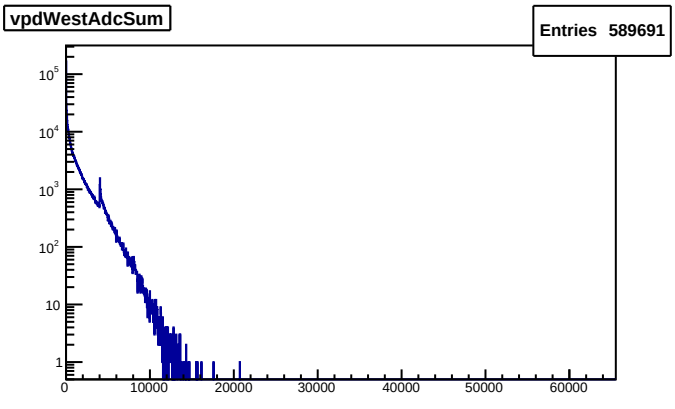

epdWestNHitsVsSimu
Entries 0
Data
Simu

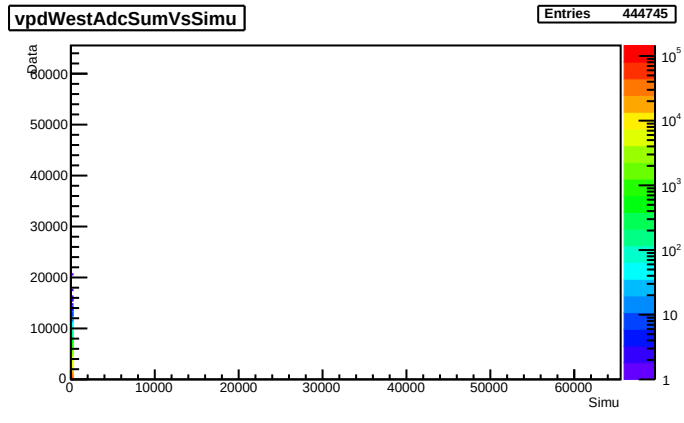

vpdEastAdcSum
Entries 589691

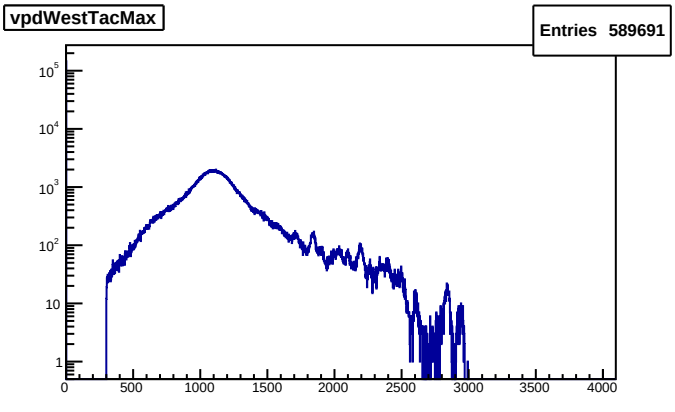

vpdEastAdcSumVsSimu
Entries 323347
Data
Simu

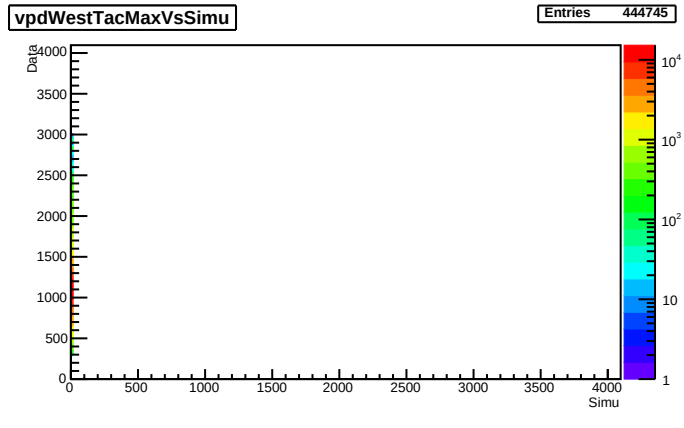

vpdEastTacMax
Entries 589691

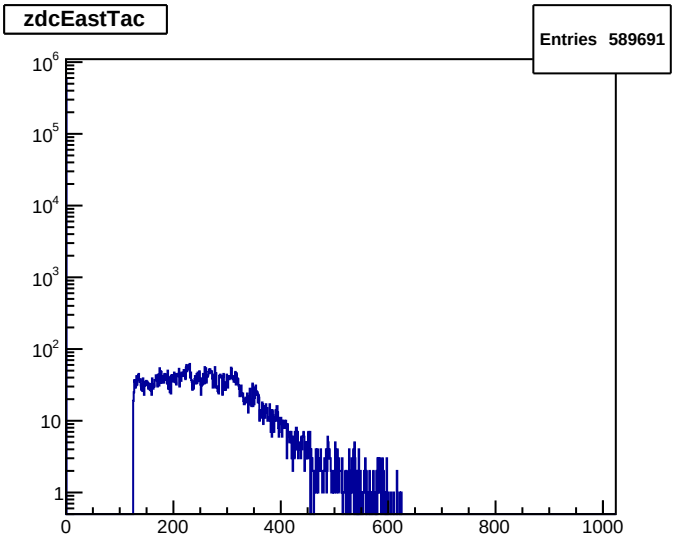

vpdEastTacMaxVsSimu
Entries 323347
Data
Simu

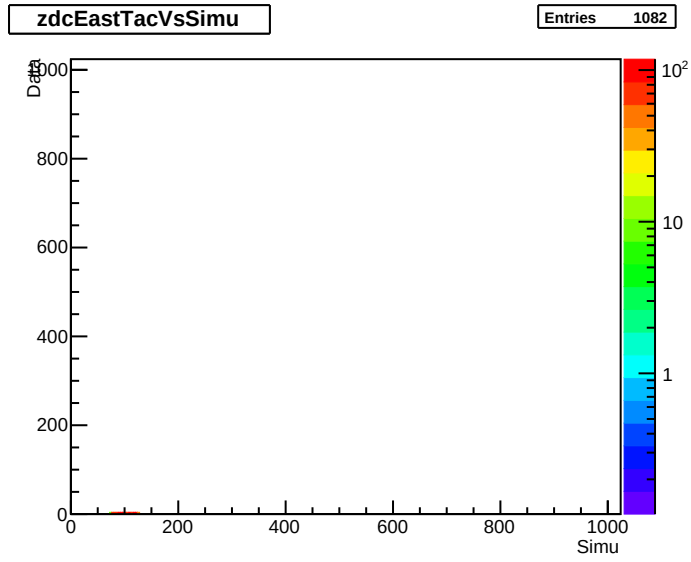

vpdWestAdcSum
Entries 589691

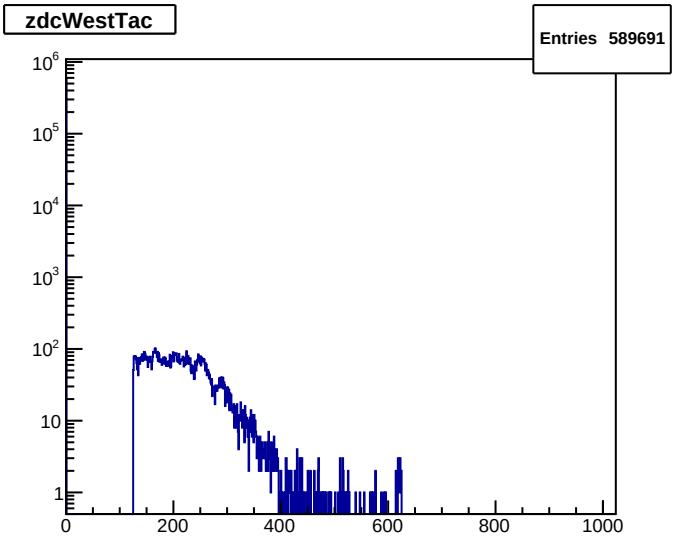

vpdWestAdcSumVsSimu
Entries 444745
Data
Simu

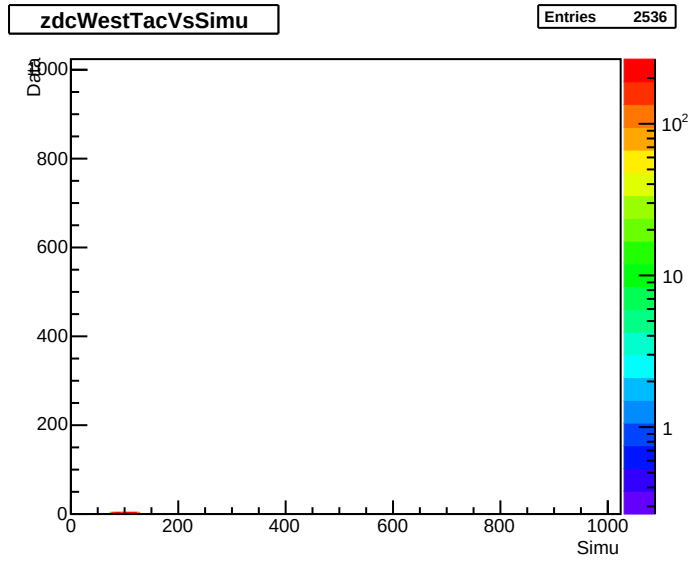

vpdWestTacMax
Entries 589691

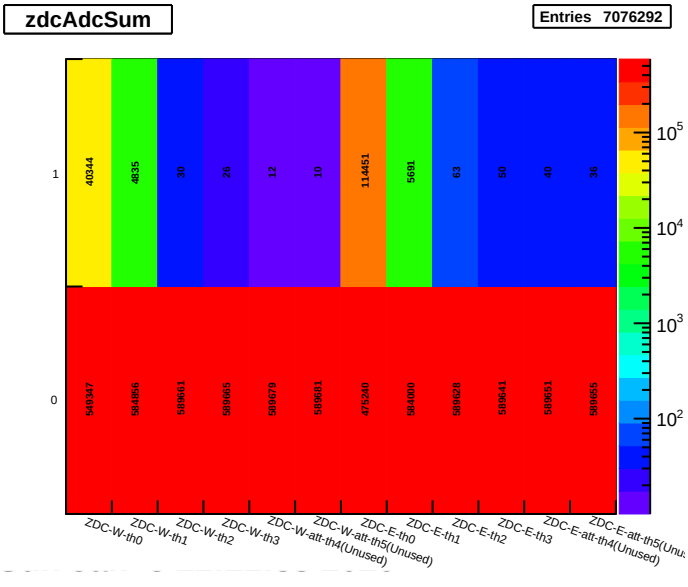

vpdWestTacMaxVsSimu
Entries 444745
Data
Simu

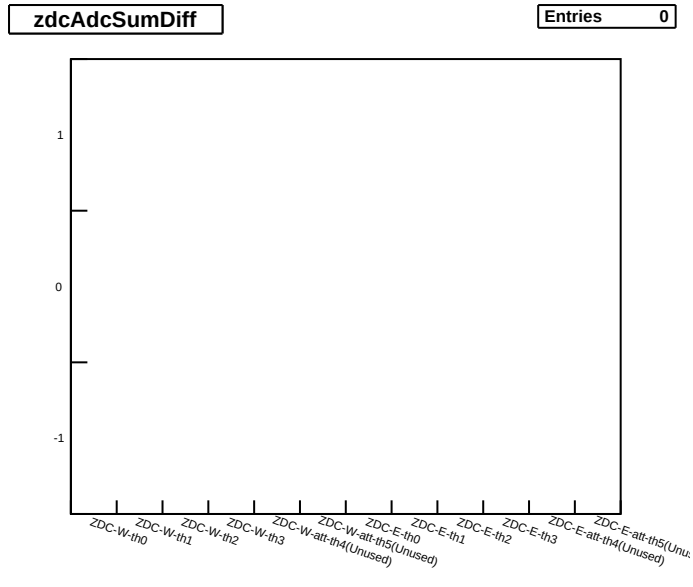

zdcEastTac
Entries 589691

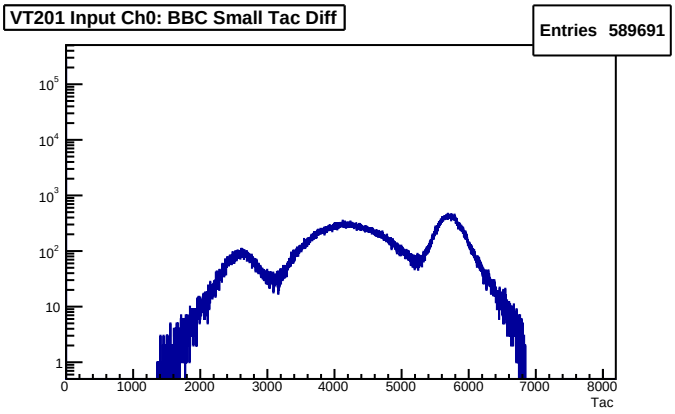

zdcEastTacVsSimu
Entries 1082
Data
Simu

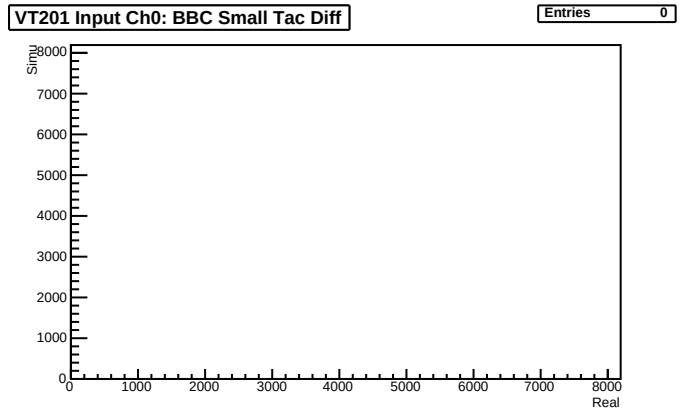

zdcWestTac
Entries 589691

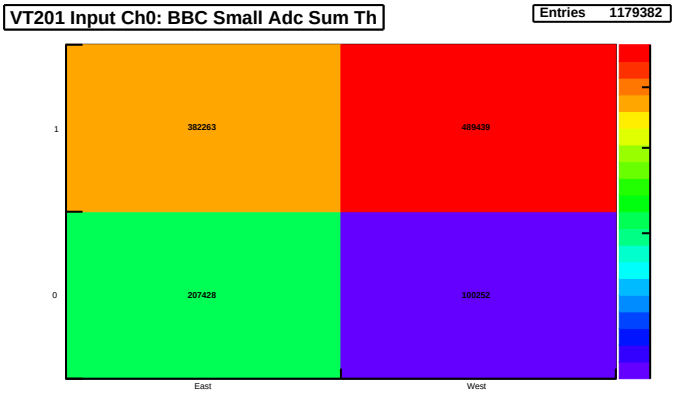

zdcWestTacVsSimu
Entries 2536
Data
Simu

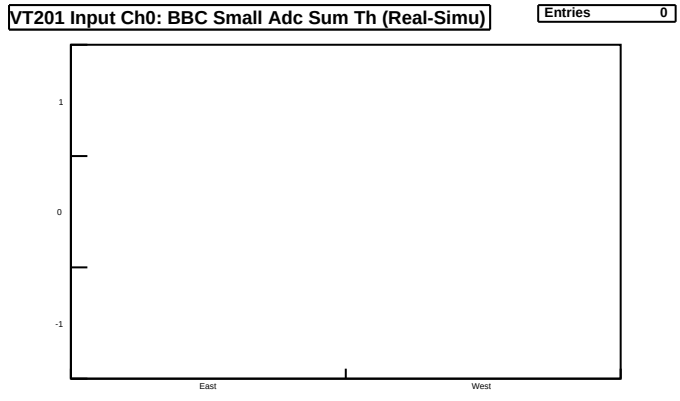

zdcAdcSum
Entries 7076292
40344
4835
30
26
12
10
114451
5691
63
50
40
36
549347
584856
589661
589665
589679
589681
475240
584000
589628
589641
589651
589655
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

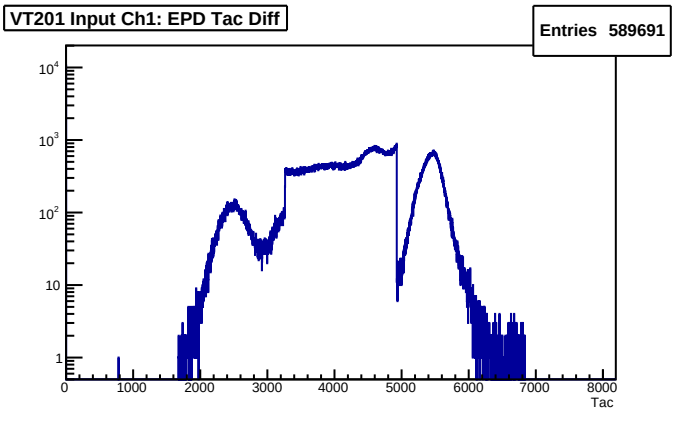

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

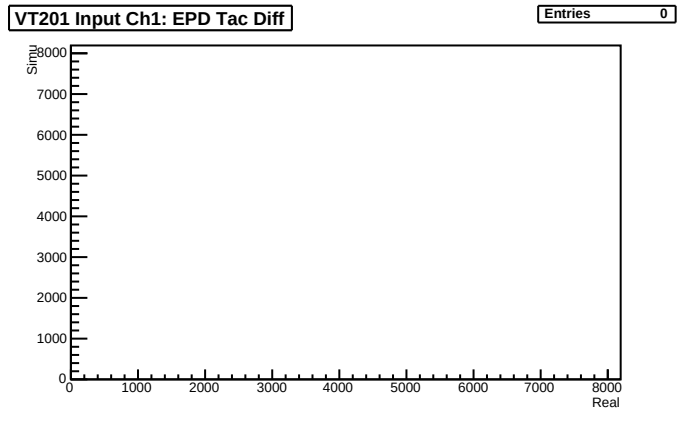

VT201 Input Ch0: BBC Small Tac Diff
Entries 589691
Tac

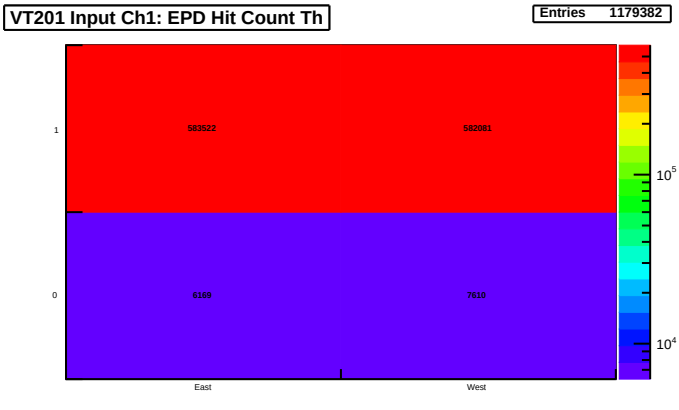

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

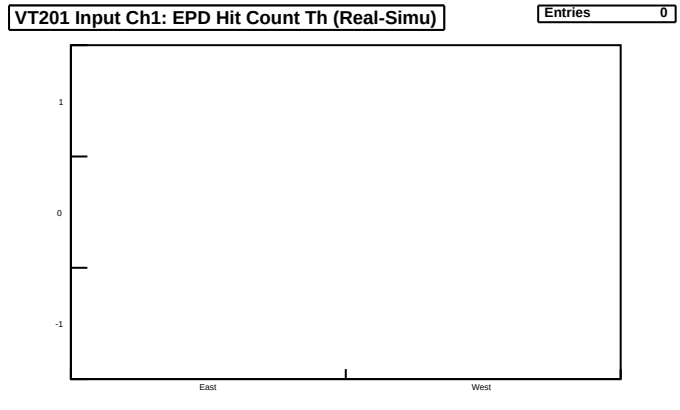

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1179382
382263
489439
207428
100252
East
West

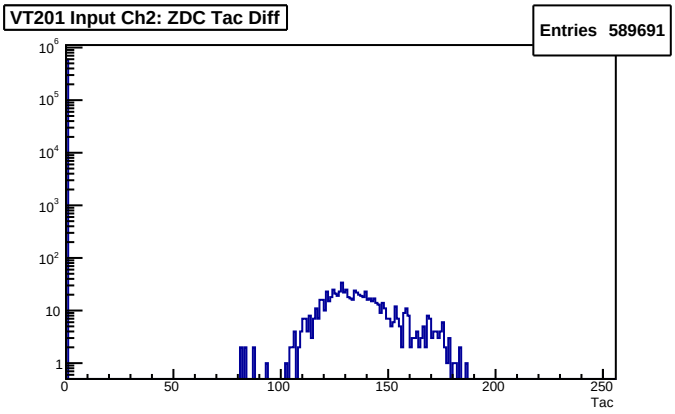

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

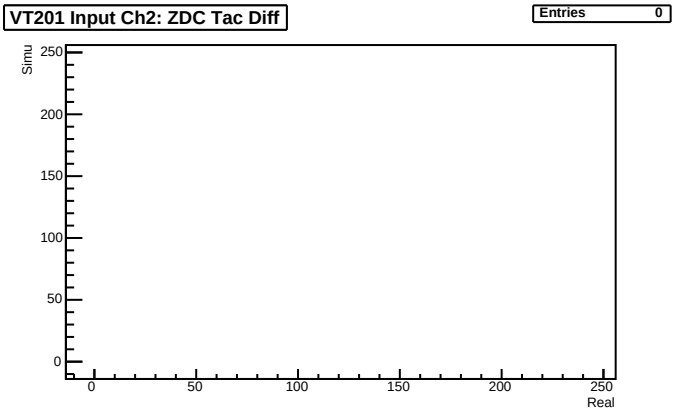

VT201 Input Ch1: EPD Tac Diff
Entries 589691
Tac

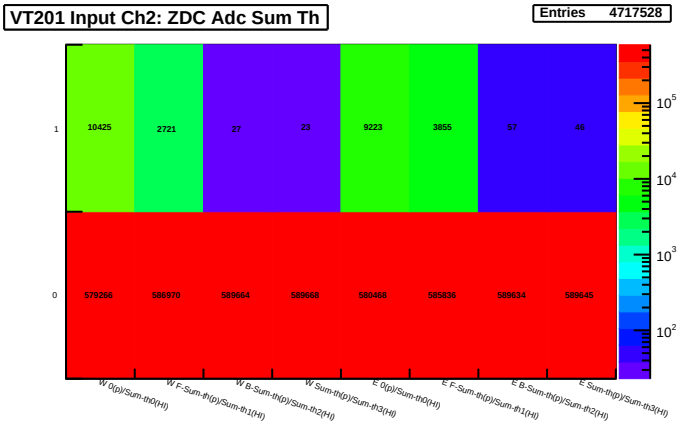

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

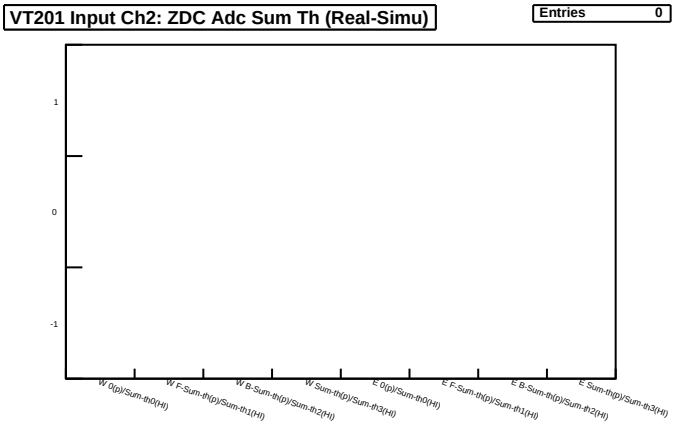

VT201 Input Ch1: EPD Hit Count Th
Entries 1179382
583522
582081
6169
7610
East
West

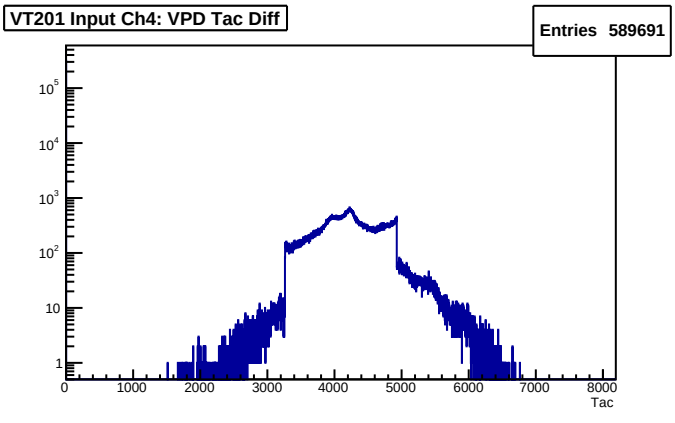

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

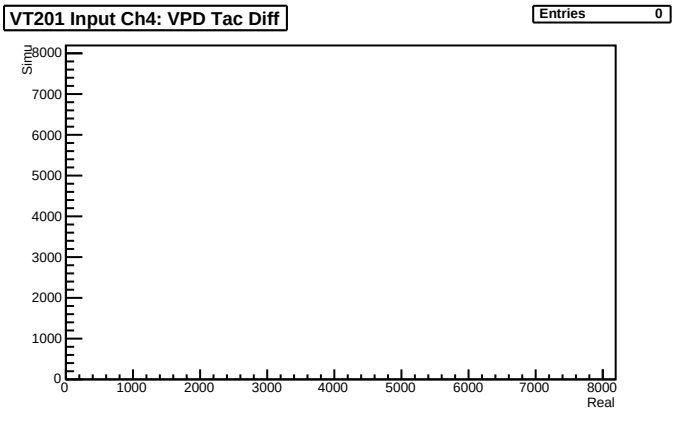

VT201 Input Ch2: ZDC Tac Diff
Entries 589691
Tac

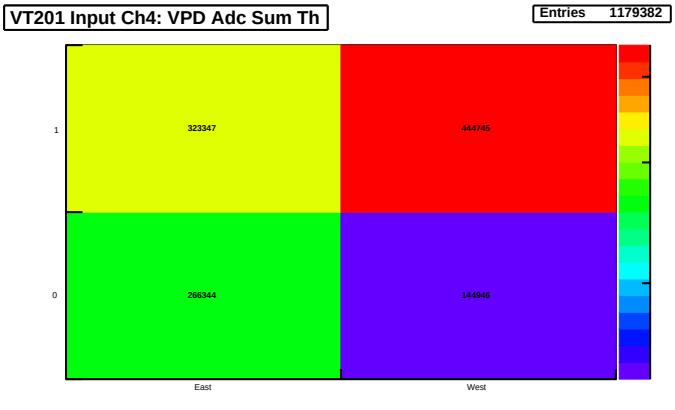

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

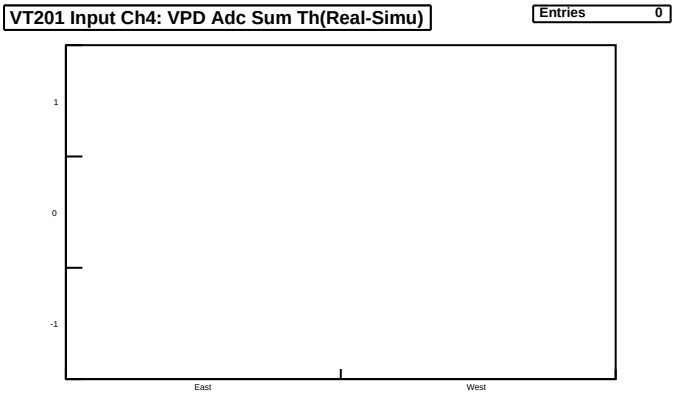

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4717528
10425
2721
27
23
9223
3855
57
46
579266
586970
589664
589668
580468
585836
589634
589645
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

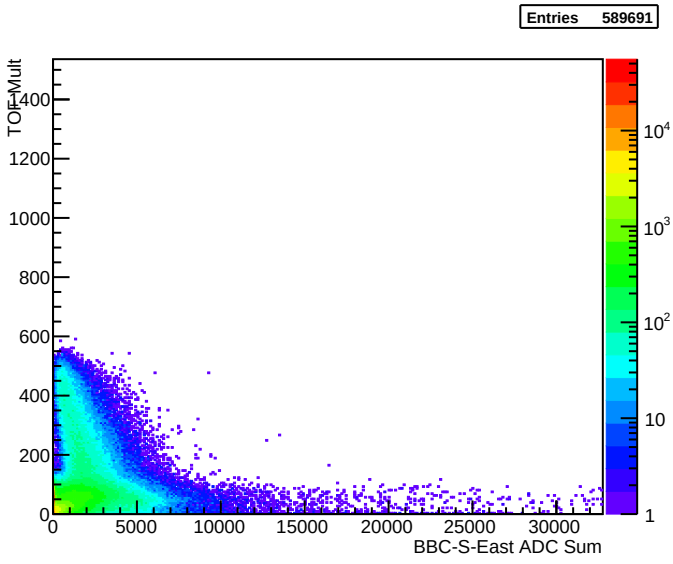

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

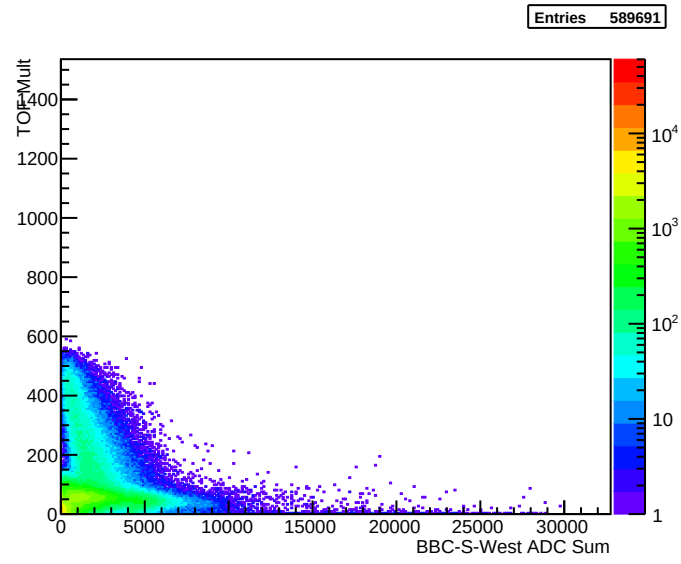

VT201 Input Ch4: VPD Tac Diff
Entries 589691
Tac

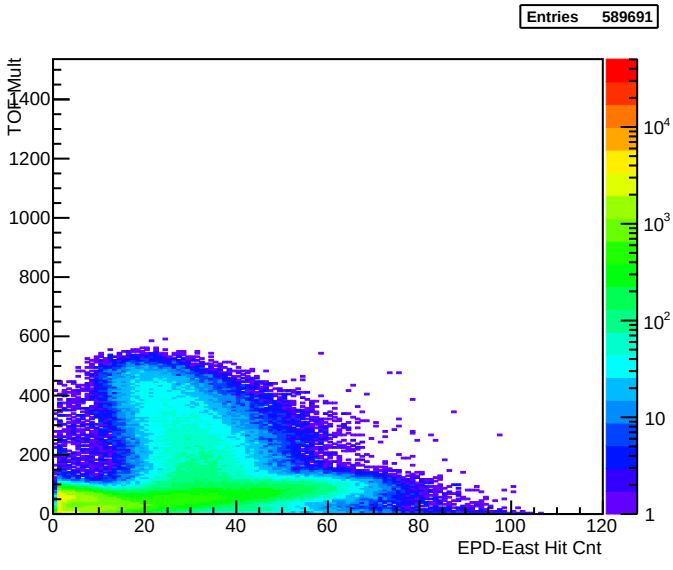

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

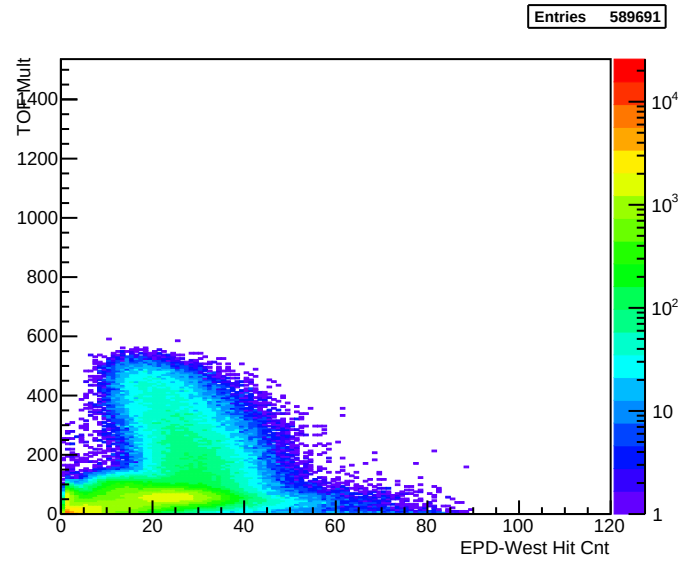

VT201 Input Ch4: VPD Adc Sum Th
Entries 1179382
323347
444745
266344
144946
East
West

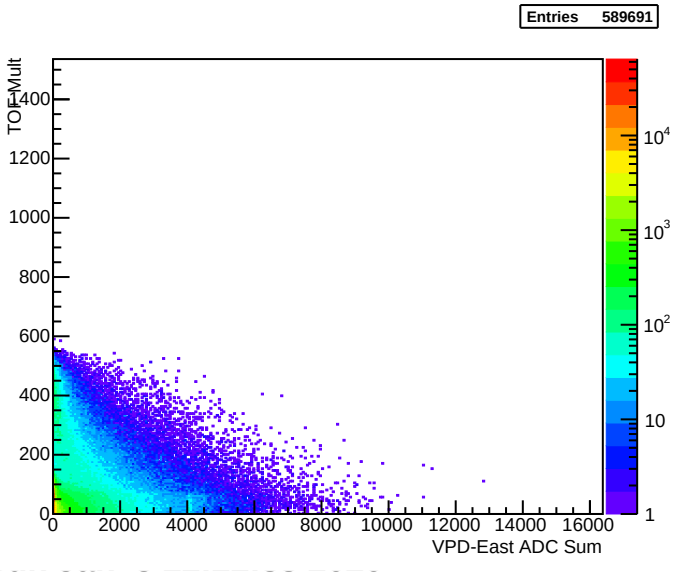

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

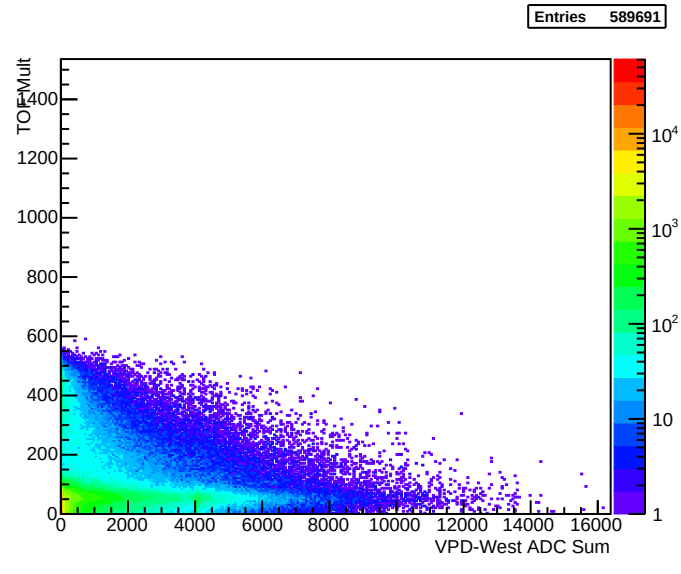

Entries 589691
TOF-Mult
BBC-S-East ADC Sum

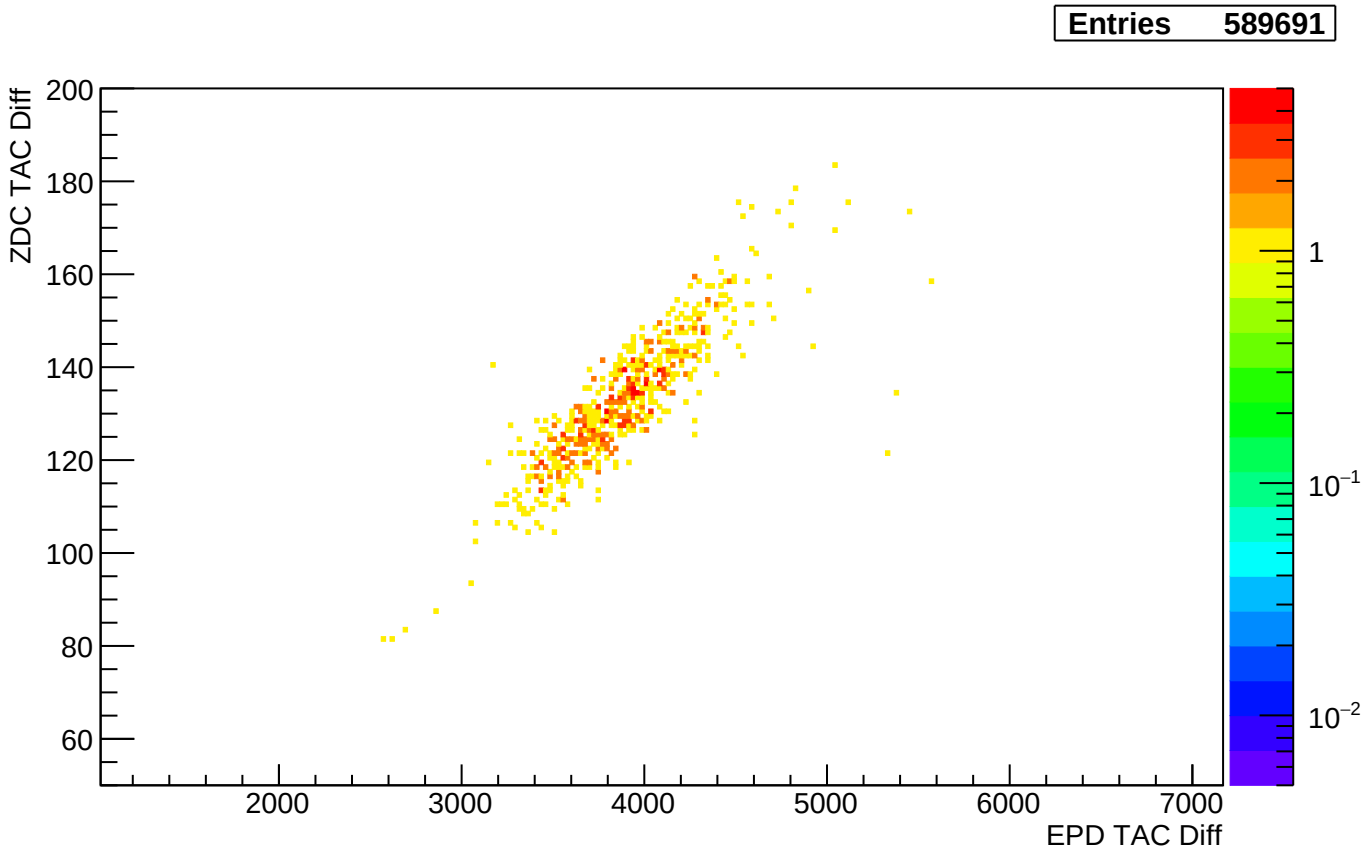

Entries 589691
TOF-Mult
BBC-S-West ADC Sum

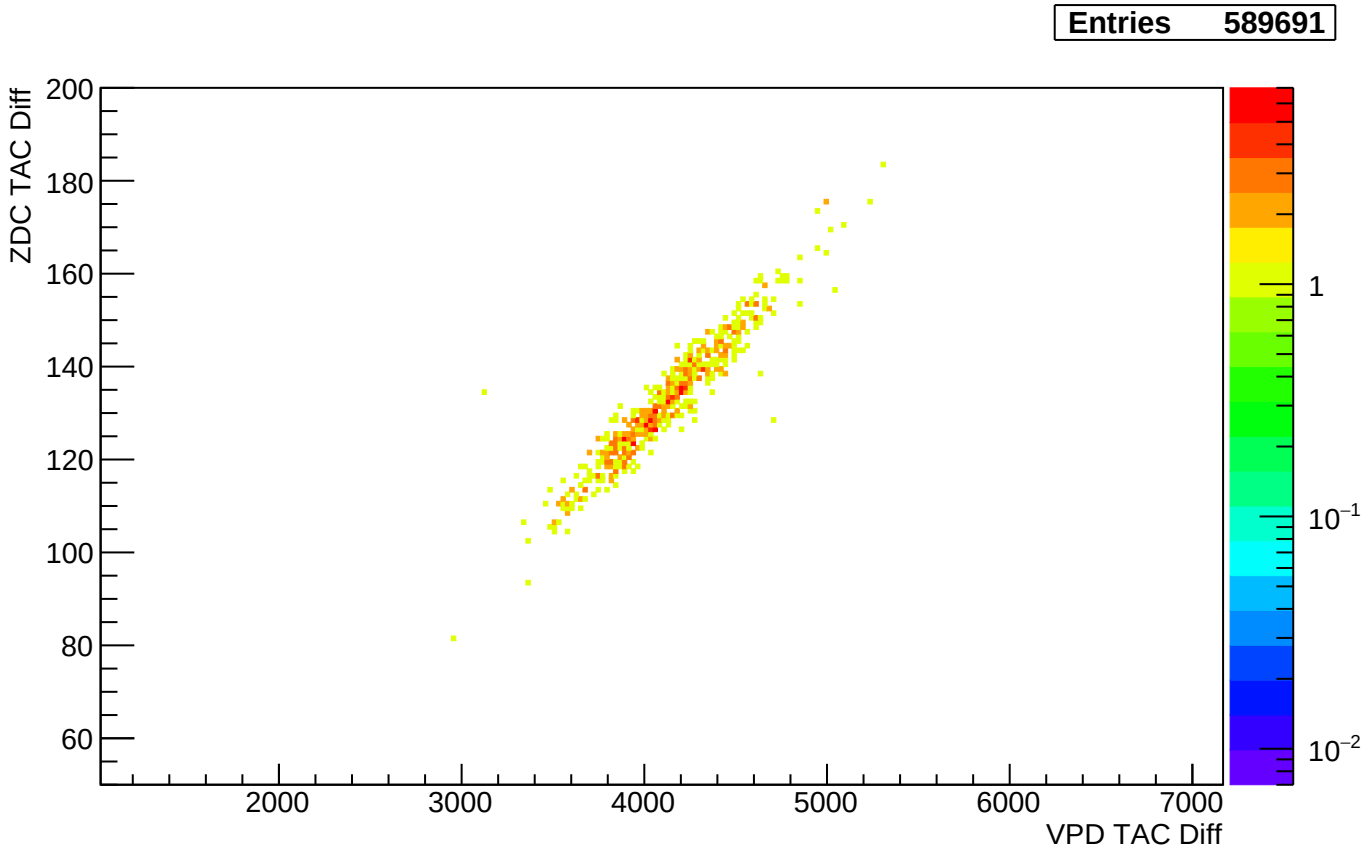

Entries 589691
TOF-Mult
EPD-East Hit Cnt

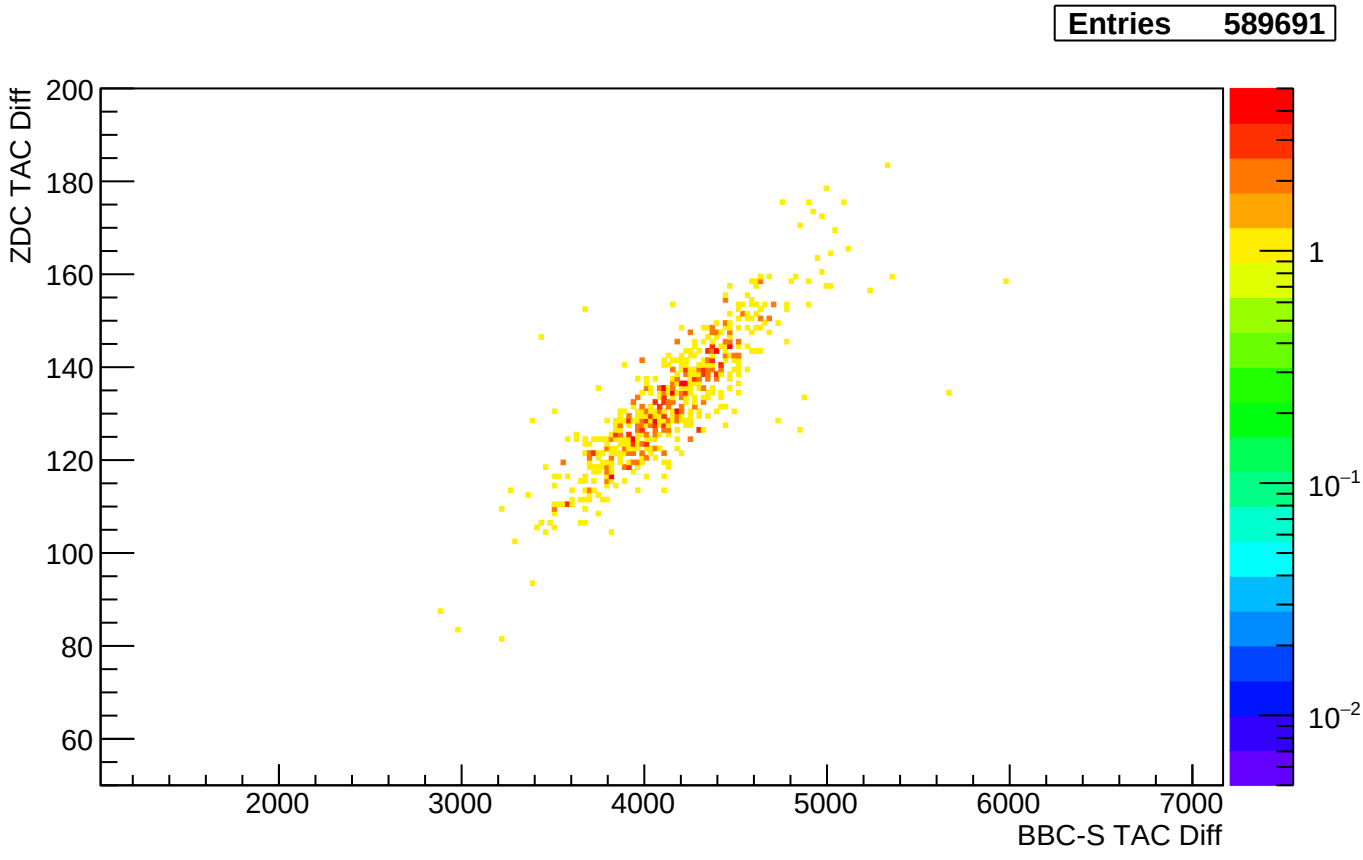

Entries 589691
TOF-Mult
EPD-West Hit Cnt

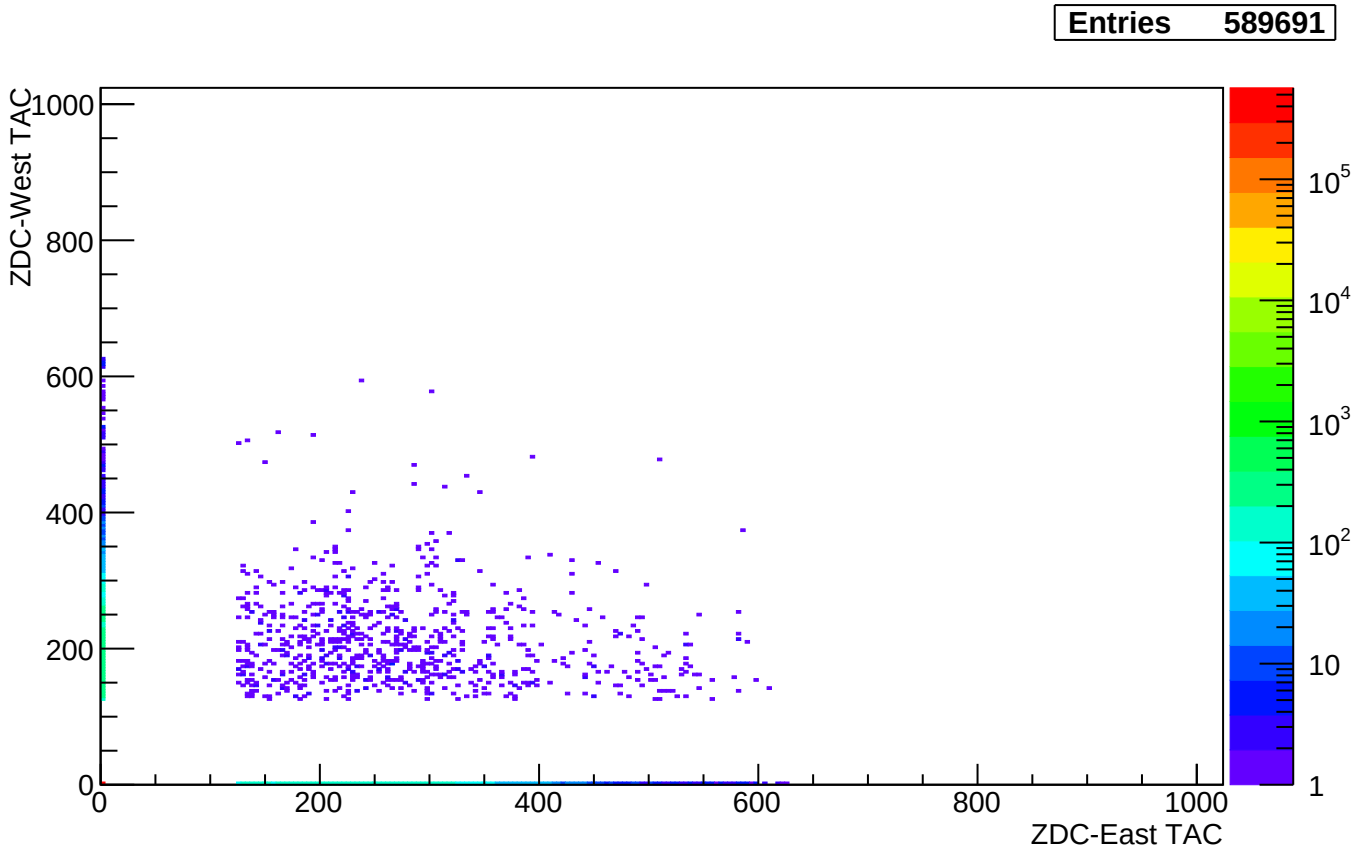

Entries 589691
TOF-Mult
VPD-East ADC Sum

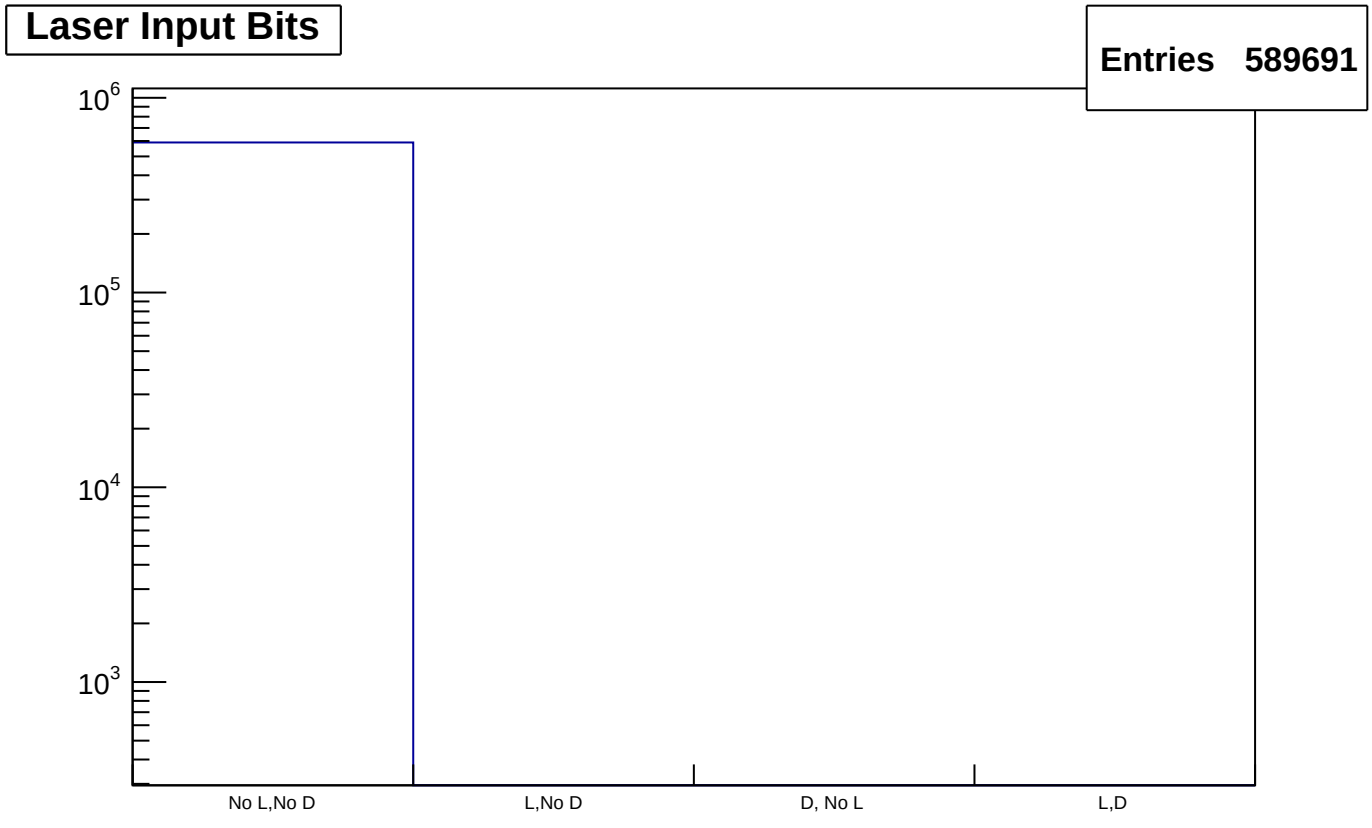

Entries 589691
TOF-Mult
VPD-West ADC Sum

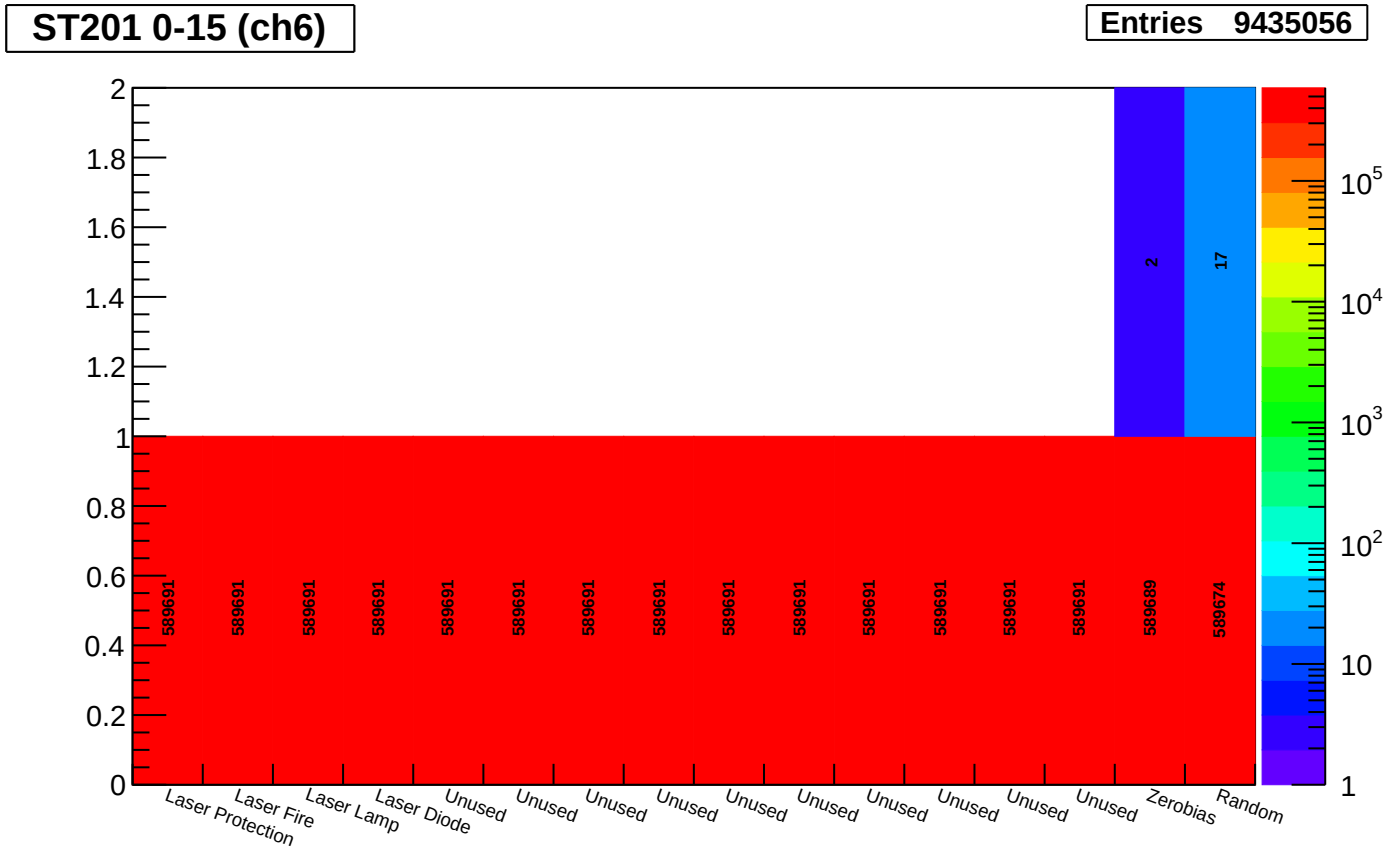

Entries 589691
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

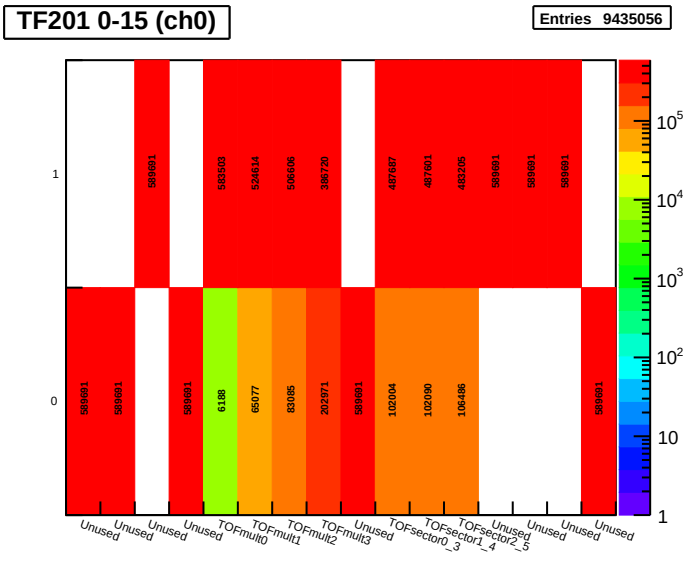

Entries 589691
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

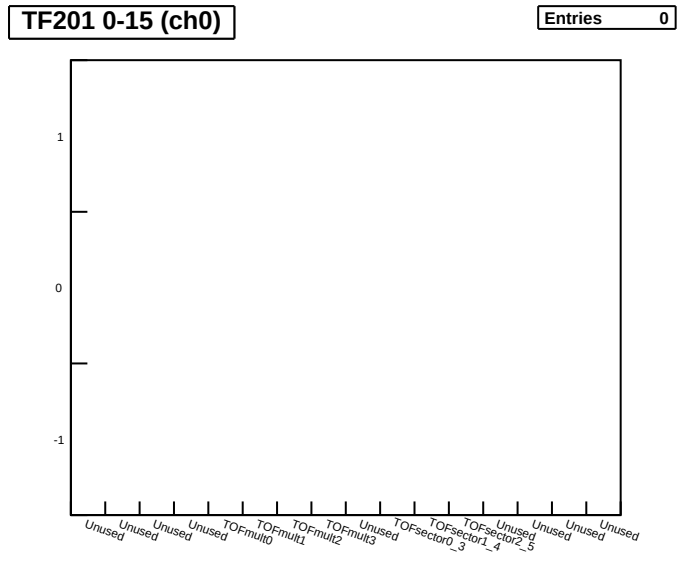

Entries 589691
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

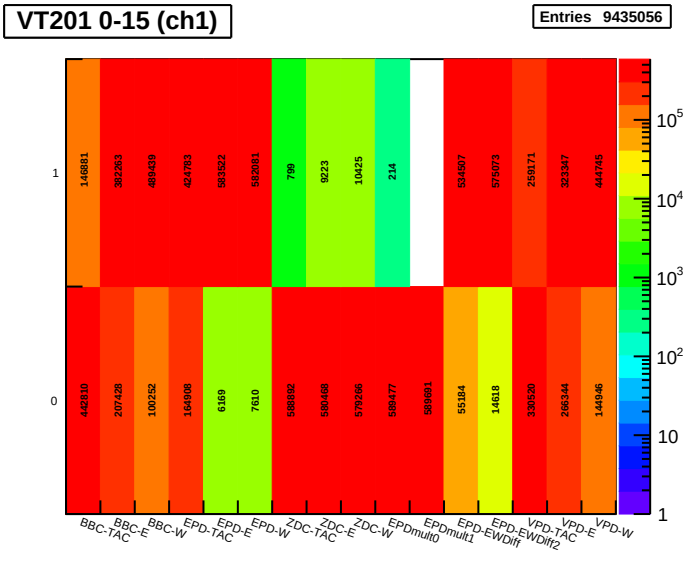

Entries 589691
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

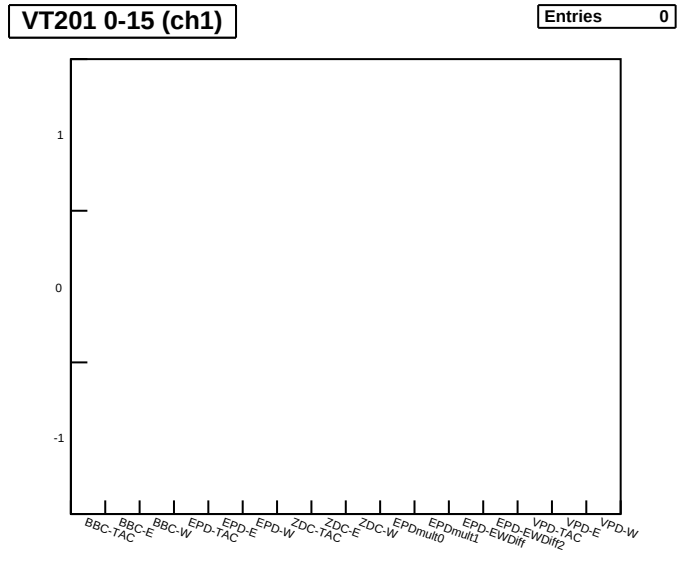

Laser Input Bits
Entries 589691
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

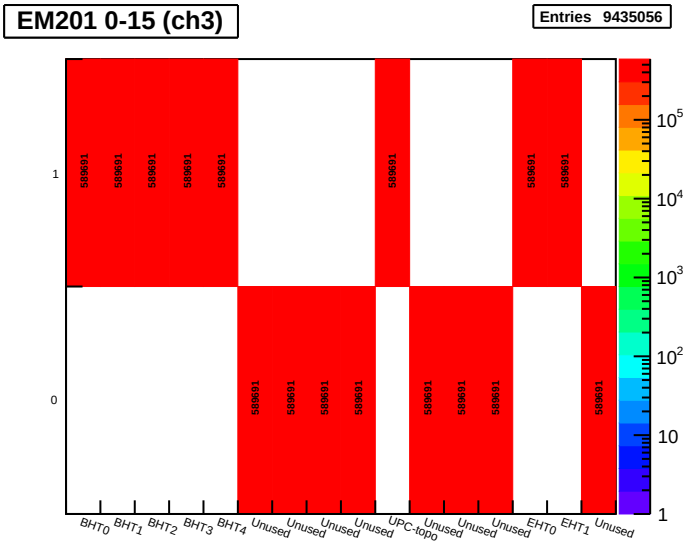

ST201 0-15 (ch6)
Entries 9435056
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
589691
589691
589691
589691
589691
589691
589691
589691
589691
589691
589691
589691
589691
589691
589689
589674
2
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

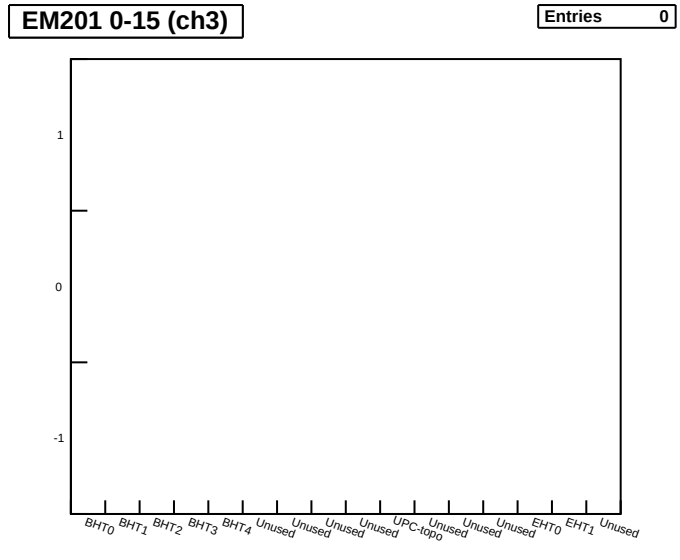

TF201 0-15 (ch0)
Entries 9435056
1
0
589691 583503 524614 506606 386720 487687 487601 483205 589691 589691 589691
589691 589691 589691 6188 65077 83085 202971 589691 102004 102090 106486 589691
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 9435056
1
0
146881 382263 489439 424783 563522 592081 799 9223 10425 214 534507 575073 259171 323347 444745
442810 207428 100252 164908 6169 7610 588892 580468 579266 588477 589691 55184 14618 330520 266344 144946
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
1 10 10^2 10^3 10^4 10^5


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 9435056
1
0
589691 589691 589691 589691 589691 589691 589691
589691 589691 589691 589691 589691 589691 589691 589691
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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