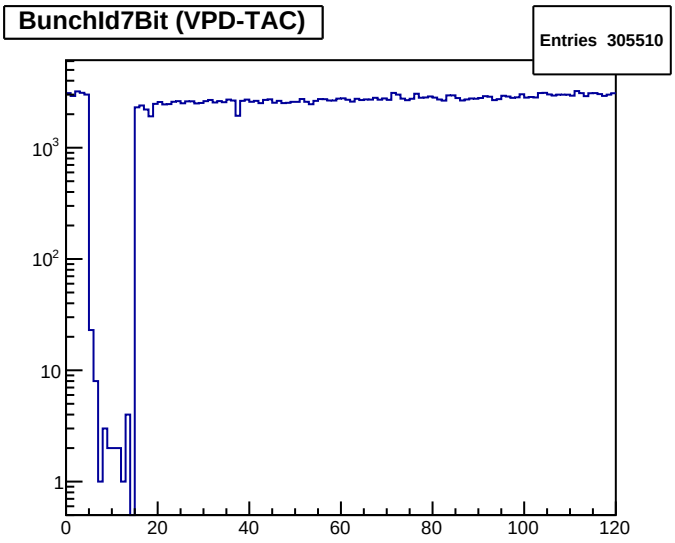
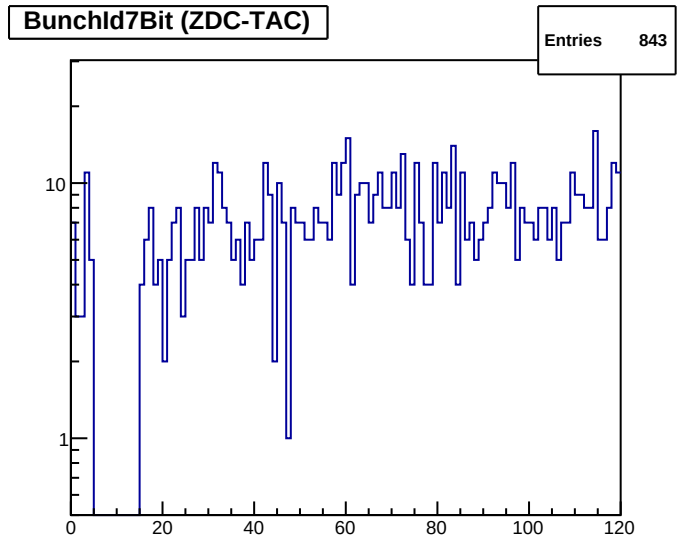
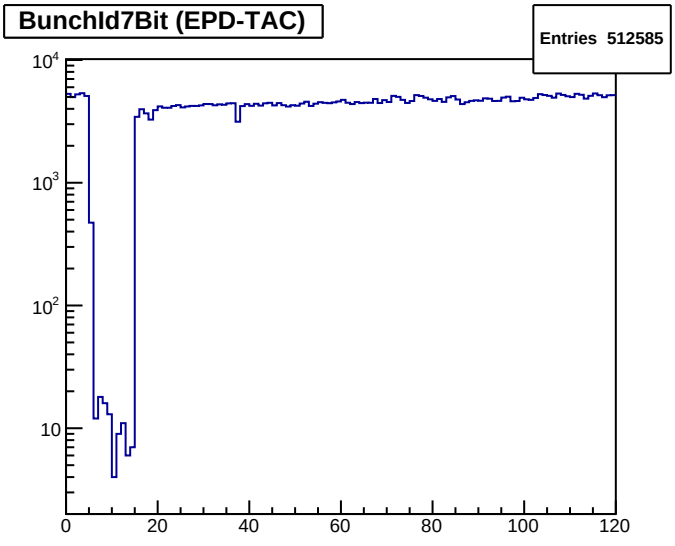
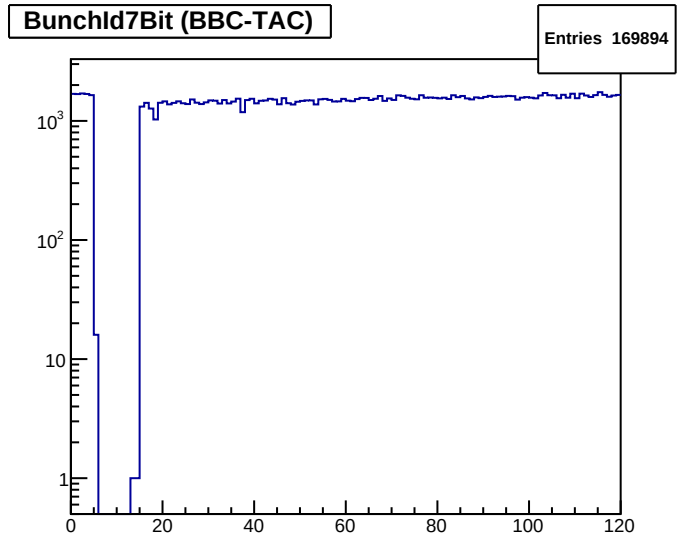
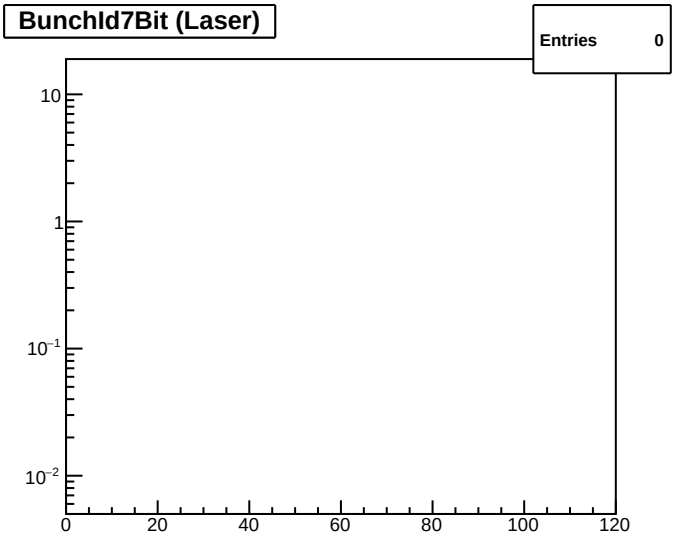
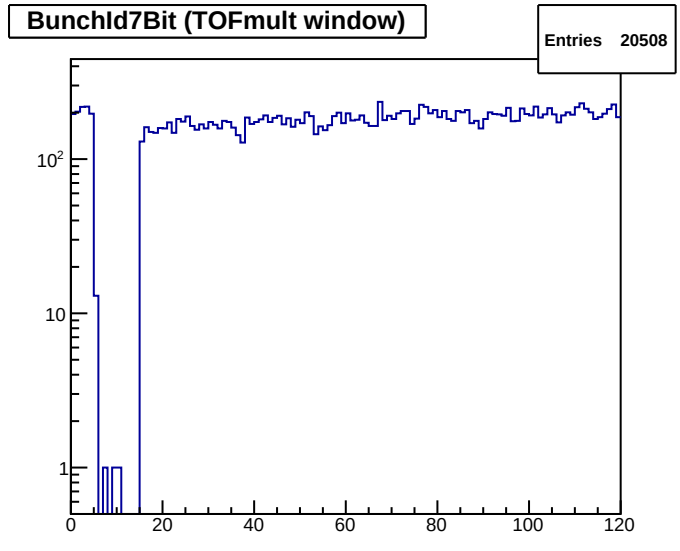

BunchId7Bit (VPD-TAC)
Entries 305510

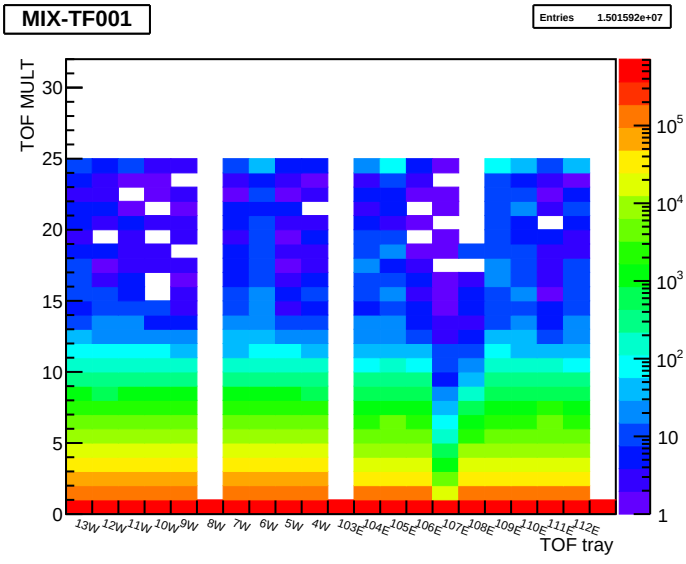

BunchId7Bit (ZDC-TAC)
Entries 843

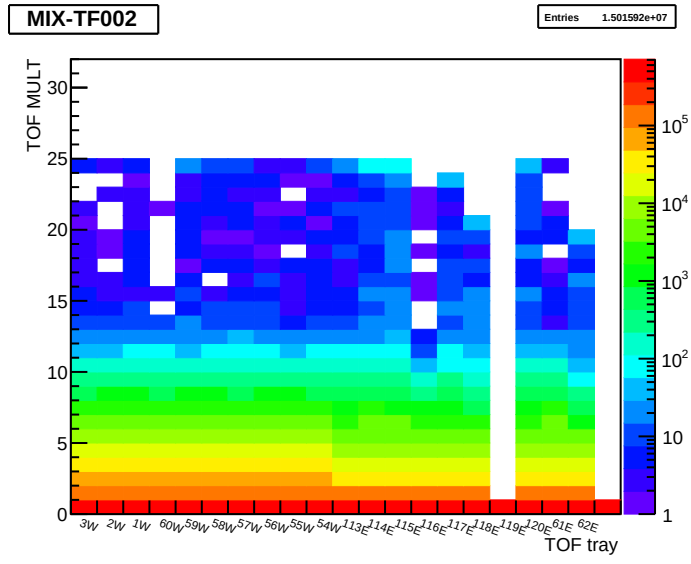

BunchId7Bit (EPD-TAC)
Entries 512585

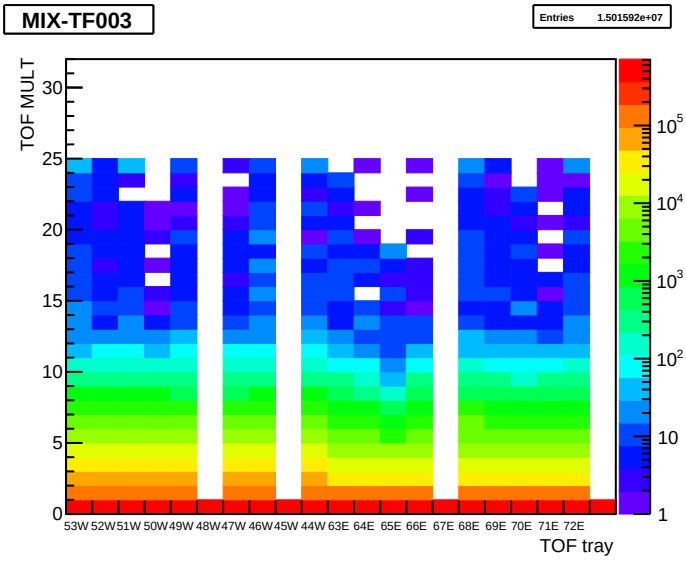

BunchId7Bit (BBC-TAC)
Entries 169894

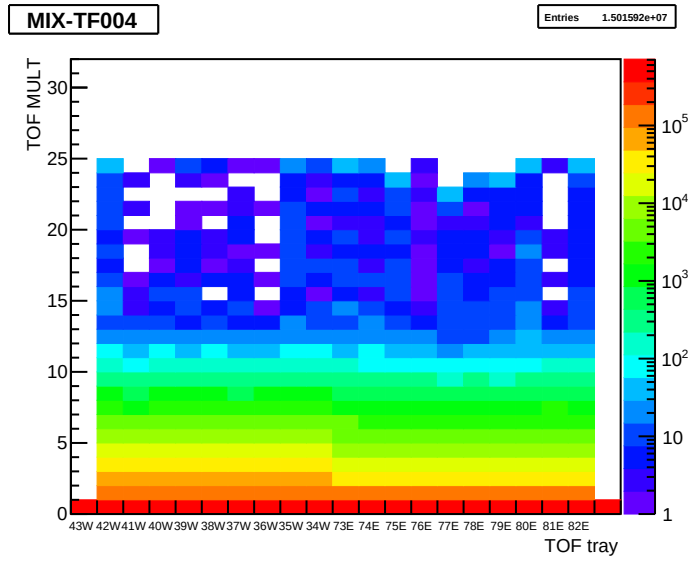

BunchId7Bit (Laser)
Entries 0

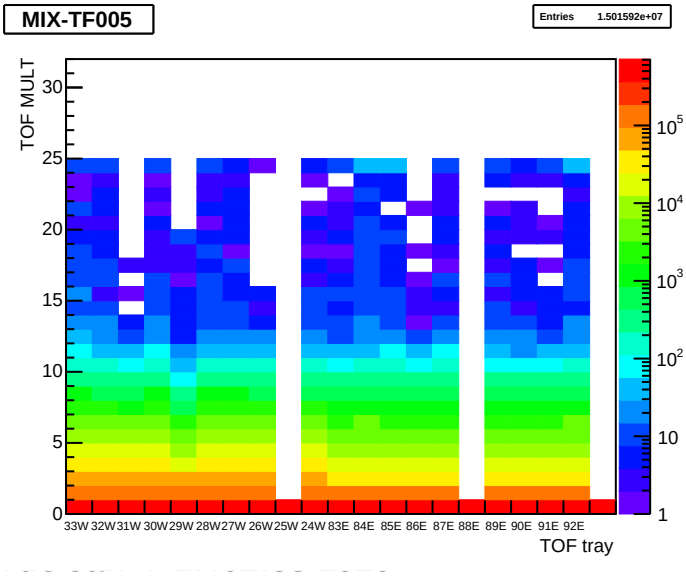

BunchId7Bit (TOFmult window)
Entries 20508

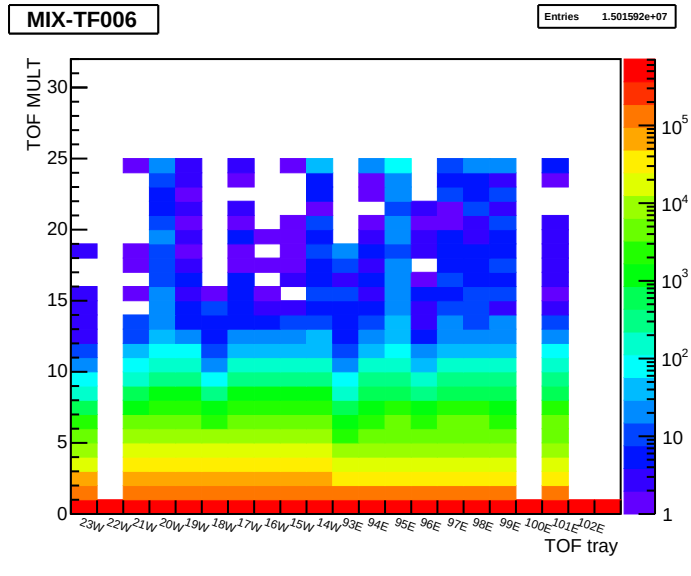

MIX-TF001
Entries 1.501592e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

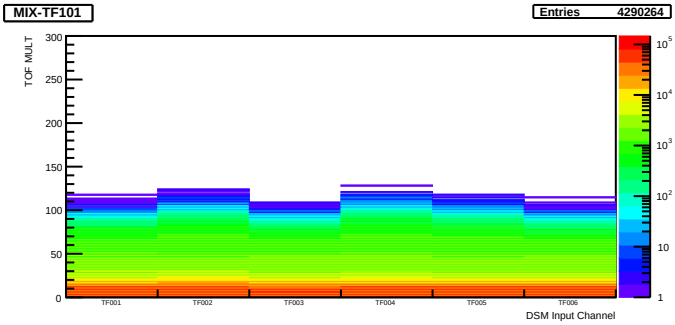

MIX-TF002
Entries 1.501592e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

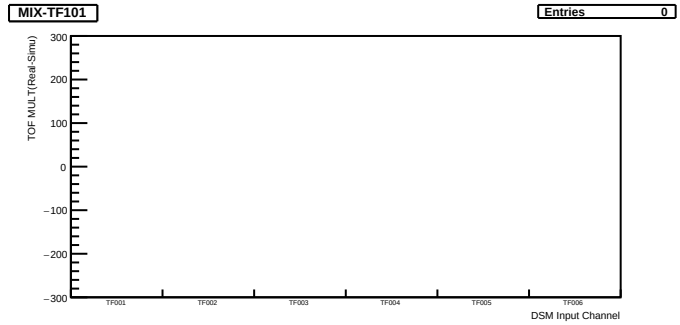

MIX-TF003
Entries 1.501592e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

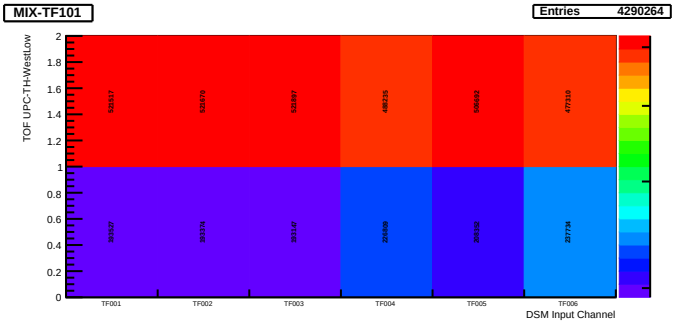

MIX-TF004
Entries 1.501592e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

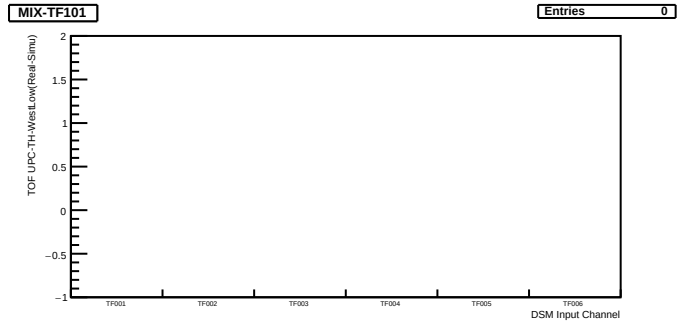

MIX-TF005
Entries 1.501592e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

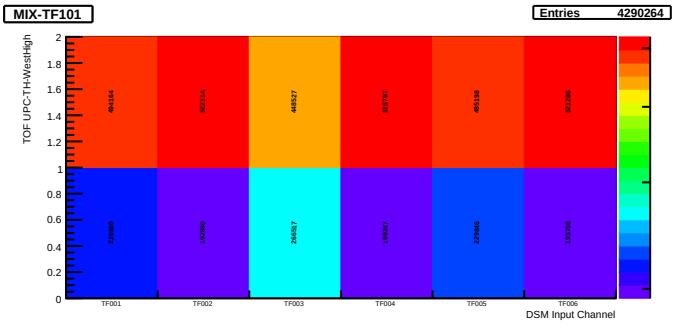

MIX-TF006
Entries 1.501592e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

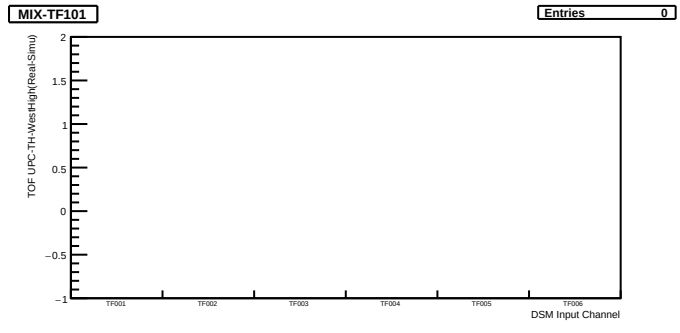

MIX-TF101
Entries 4290264
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

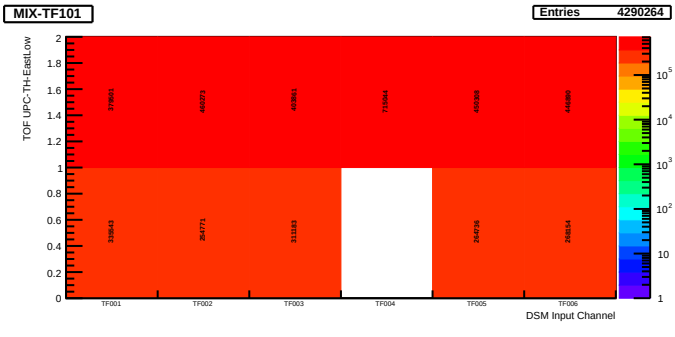

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

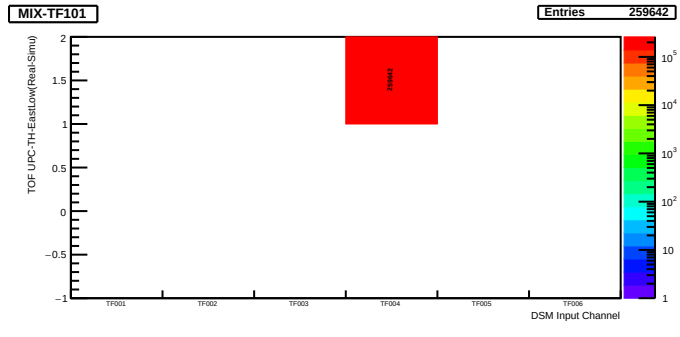

MIX-TF101
Entries 4290264
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

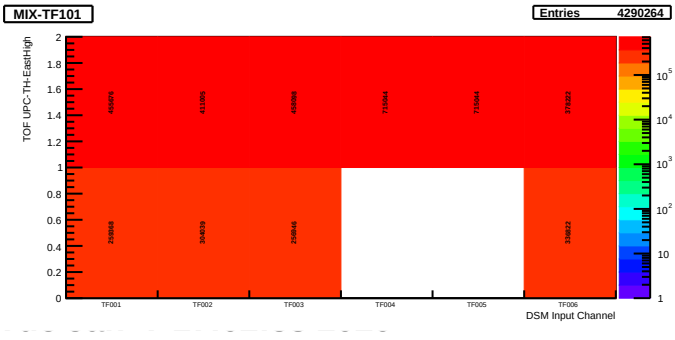

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

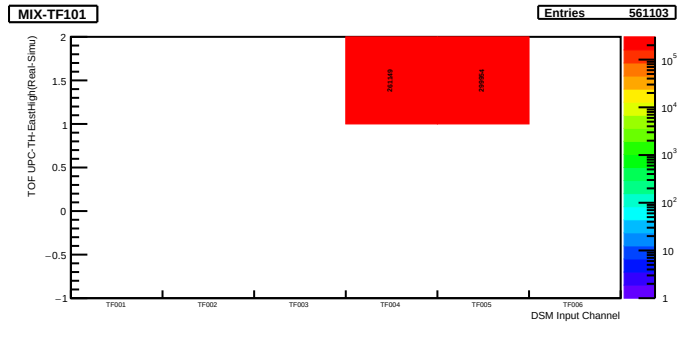

MIX-TF101
Entries 4290264
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

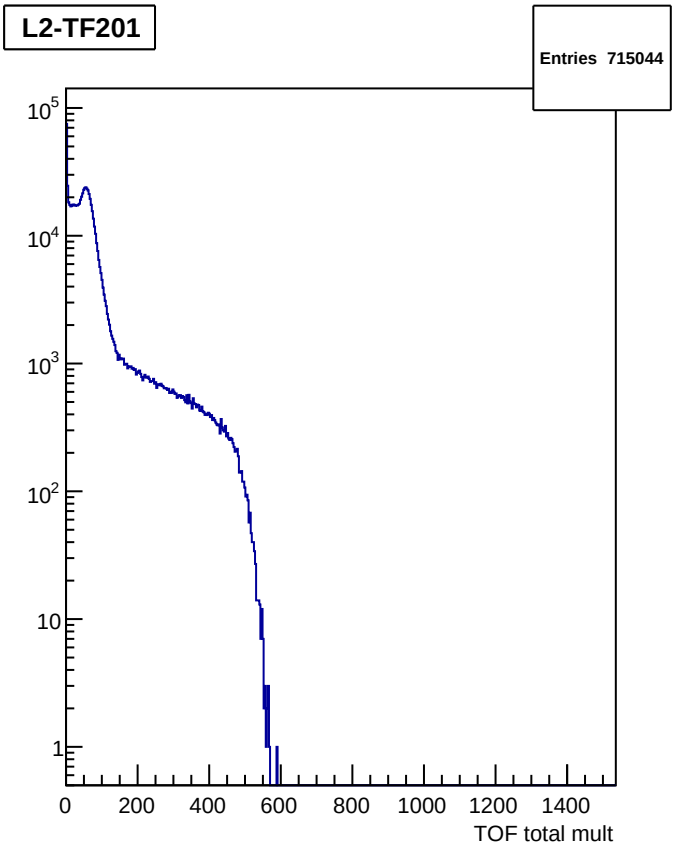

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

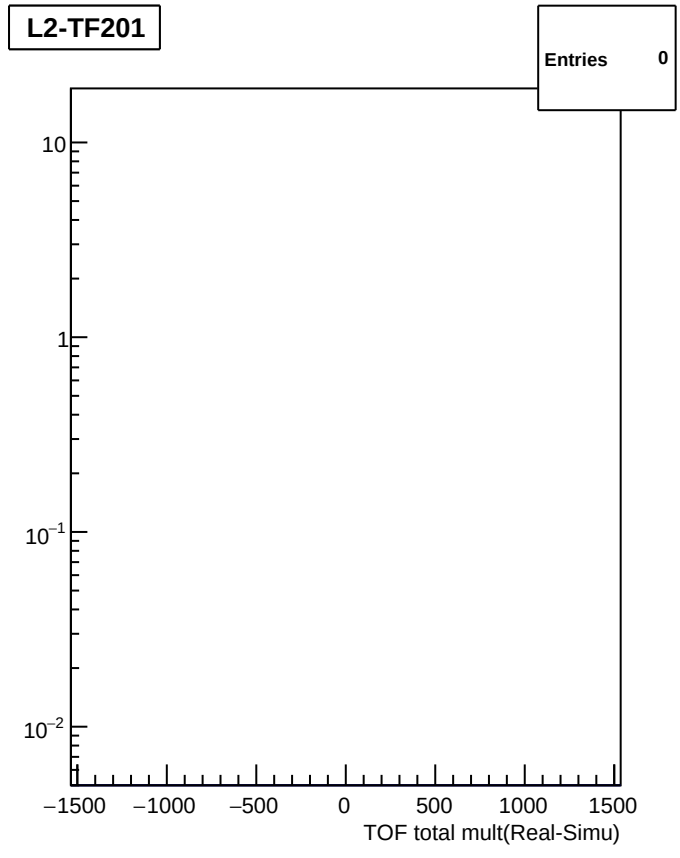

MIX-TF101
Entries 4290264
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

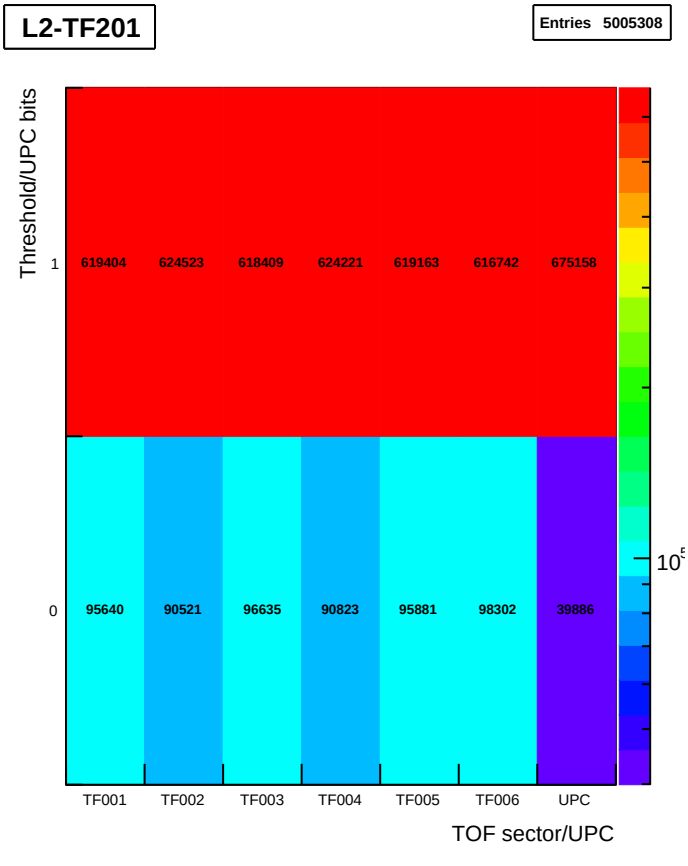

MIX-TF101
Entries 259642
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

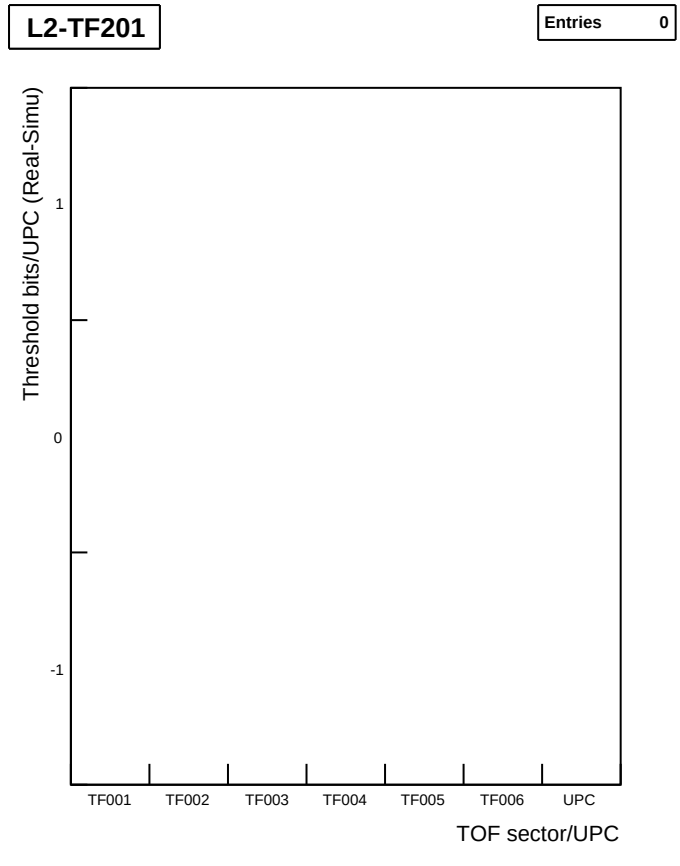

MIX-TF101
Entries 4290264
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

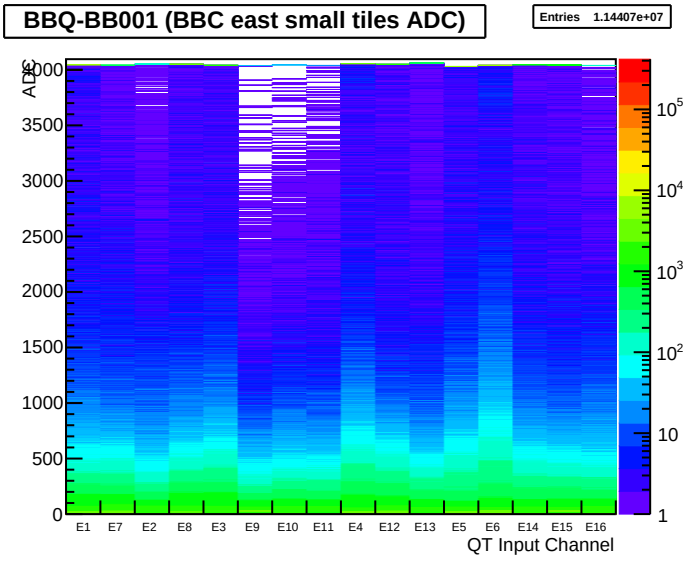

MIX-TF101
Entries 561103
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

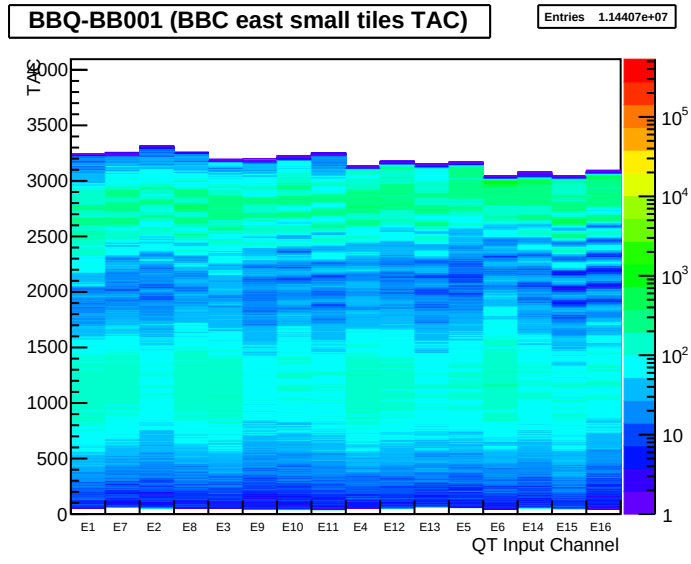

L2-TF201
Entries 715044
TOF total mult

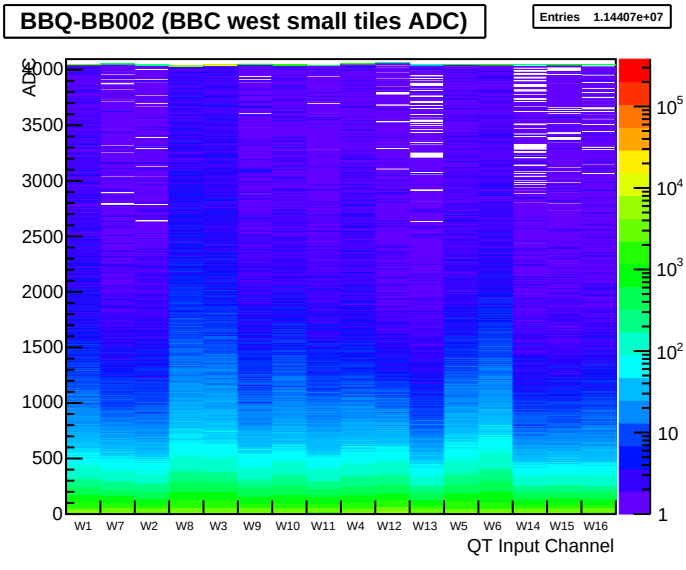

L2-TF201
Entries 0
TOF total mult(Real-Simu)

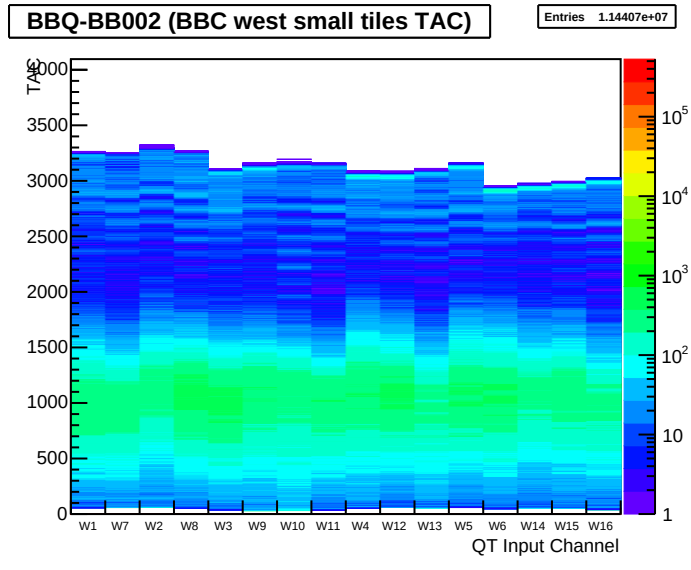

L2-TF201
Entries 5005308
Threshold/UPC bits
619404
624523
618409
624221
619163
616742
675158
95640
90521
96635
90823
95881
98302
39886
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

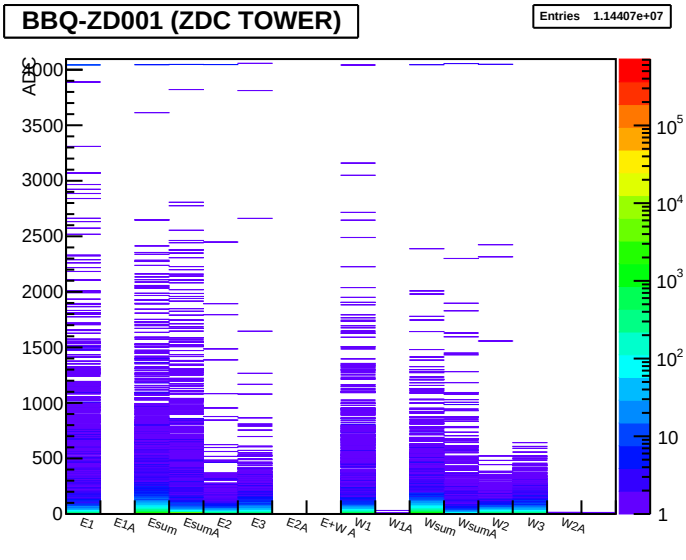

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

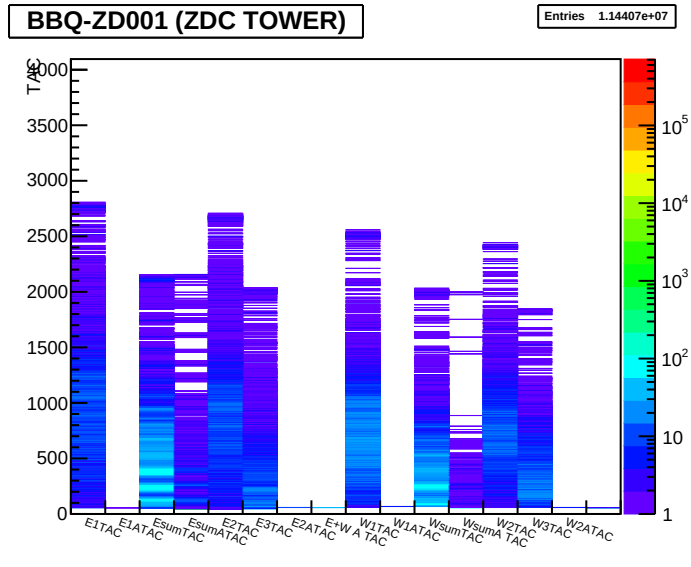

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.14407e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

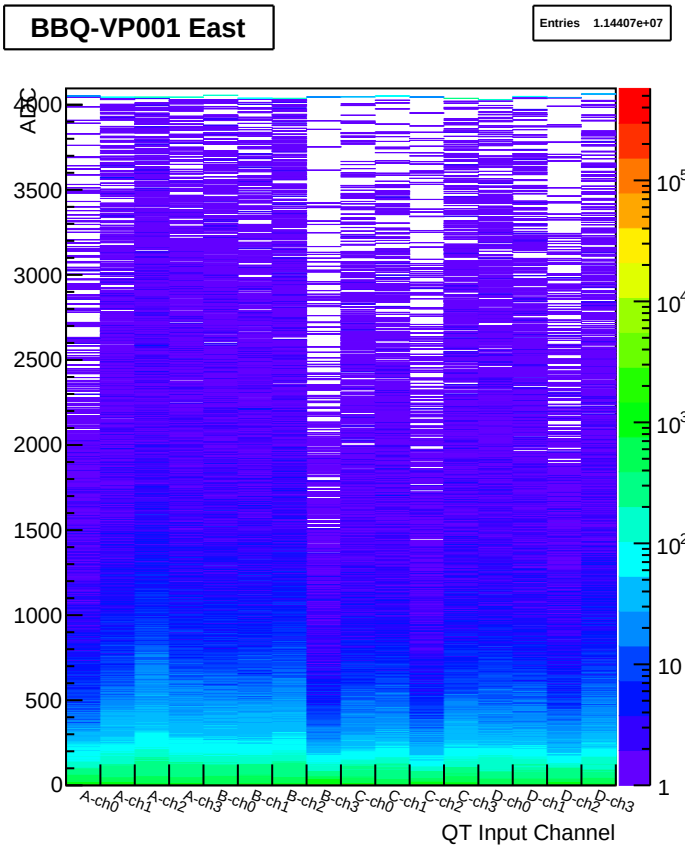

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.14407e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

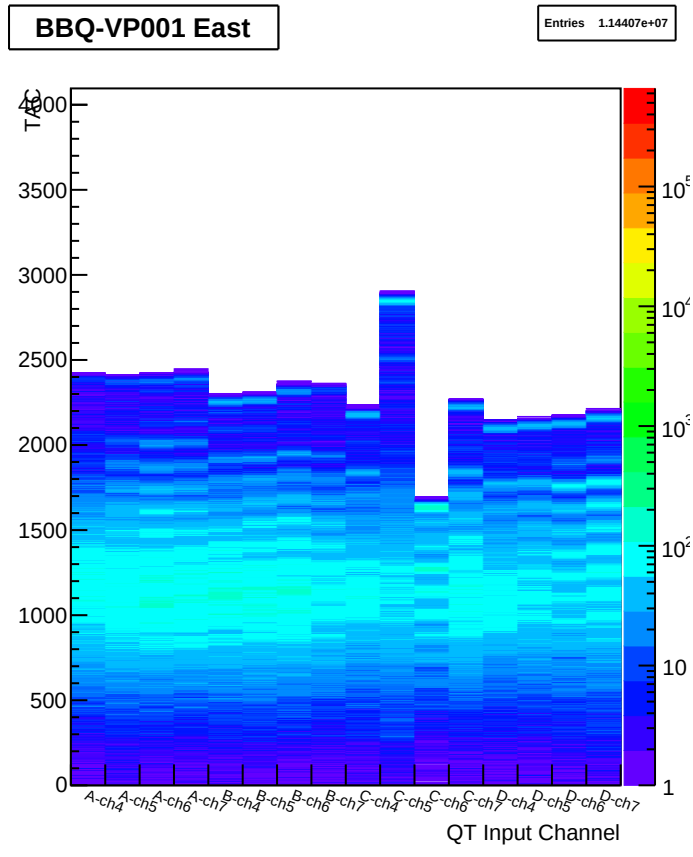

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.14407e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

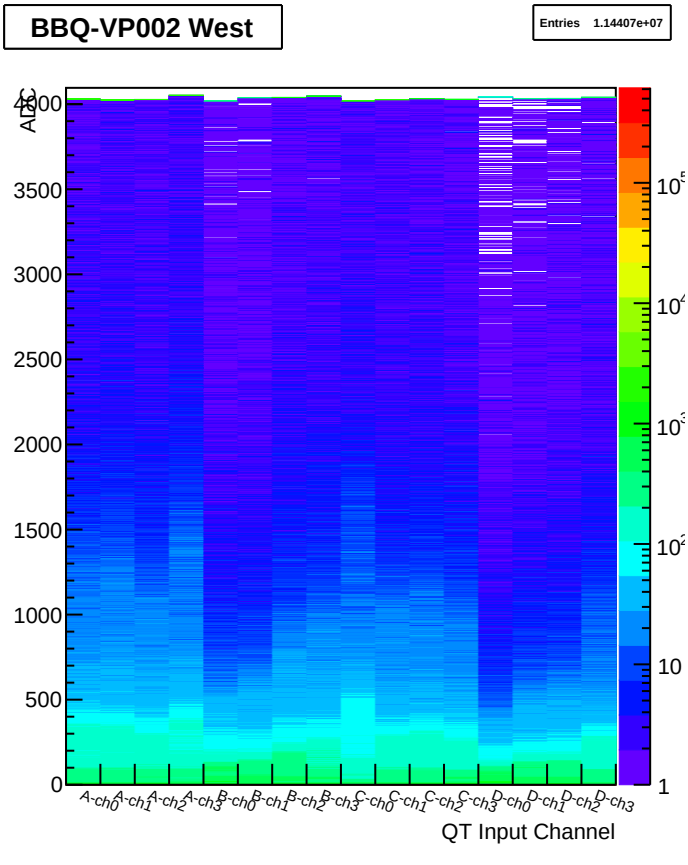

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.14407e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

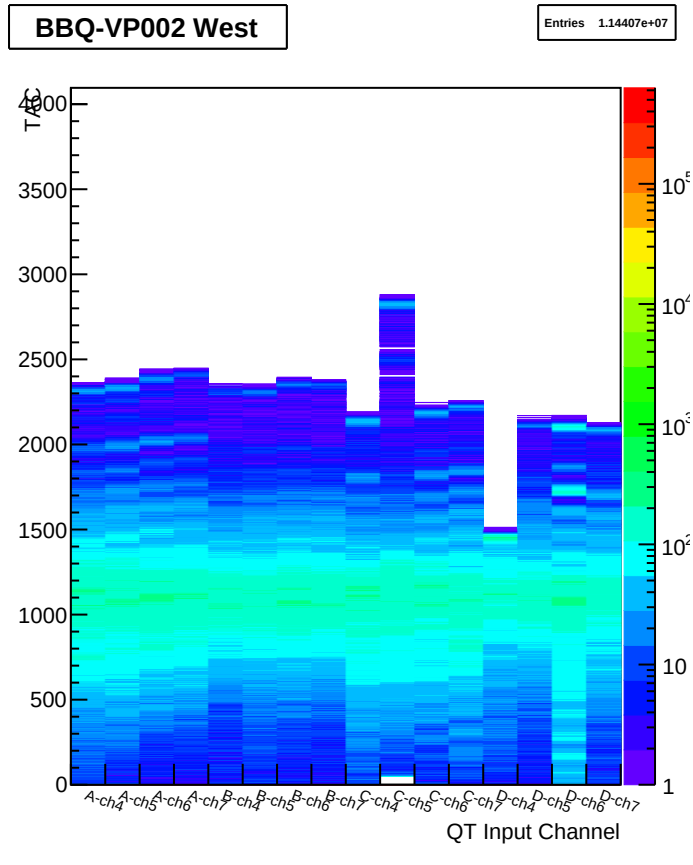

BBQ-ZD001 (ZDC TOWER)
Entries 1.14407e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

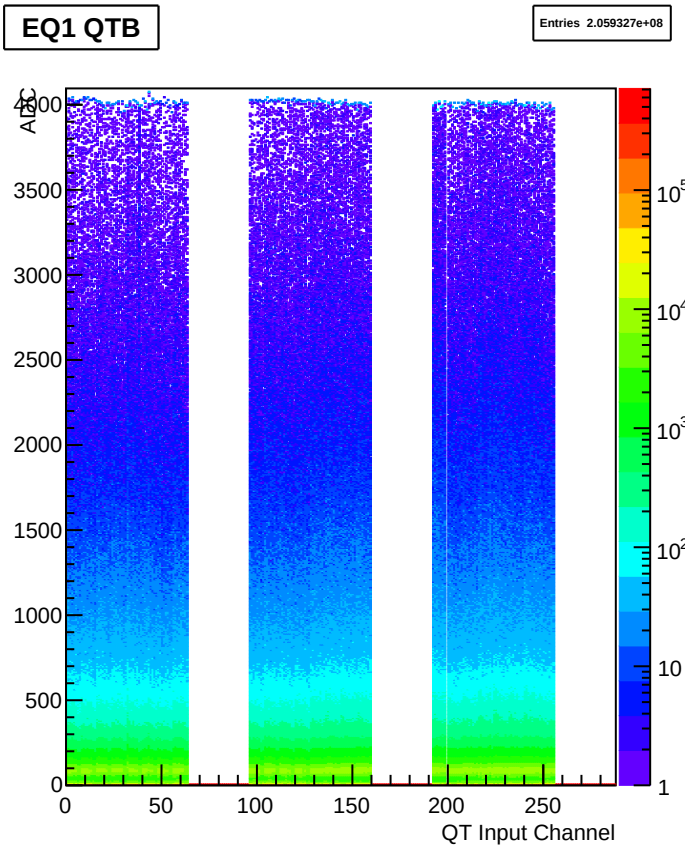

BBQ-ZD001 (ZDC TOWER)
Entries 1.14407e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

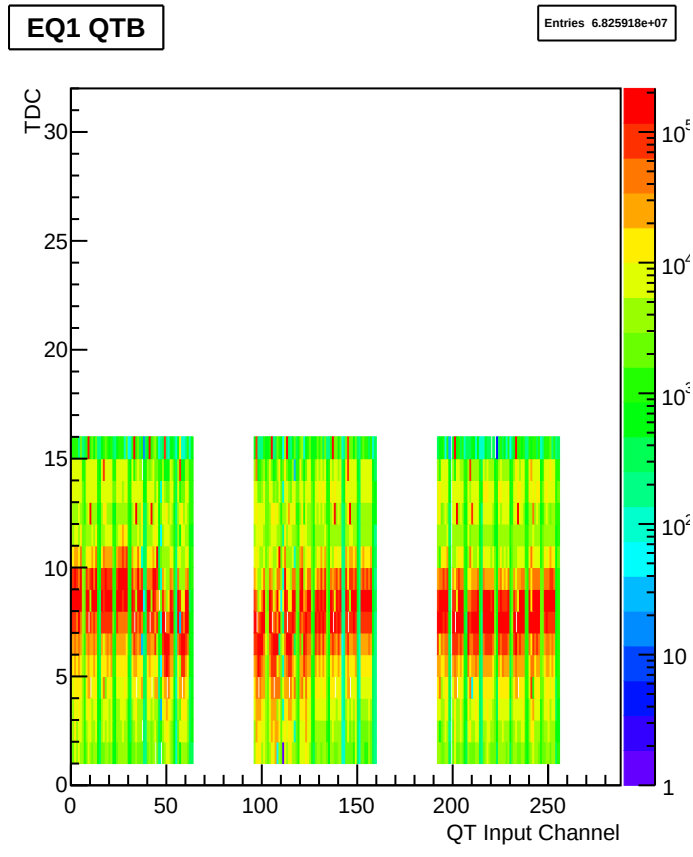

BBQ-VP001 East
Entries 1.14407e+07
ADC
QT Input Channel

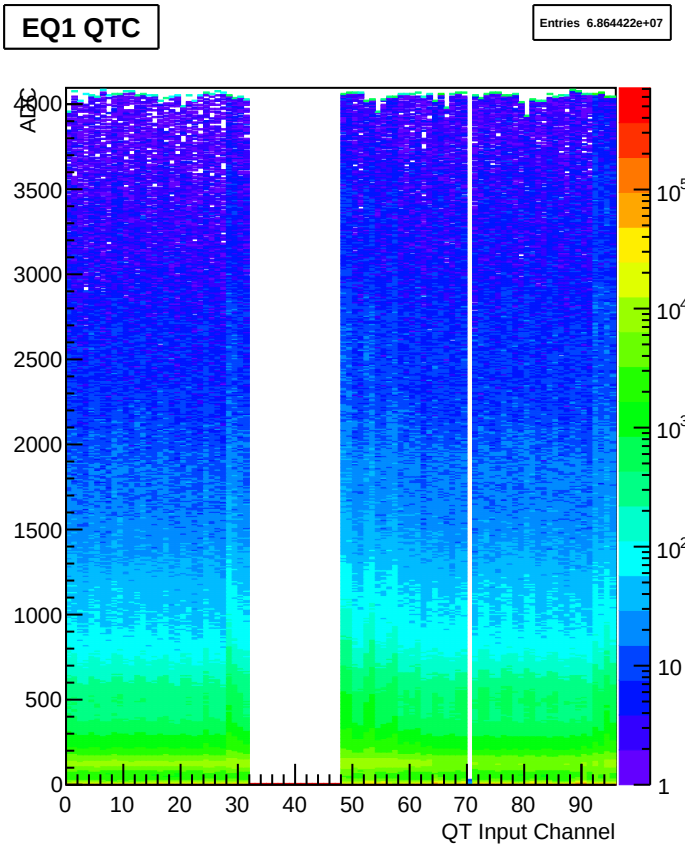

BBQ-VP001 East
Entries 1.14407e+07
TADC
QT Input Channel

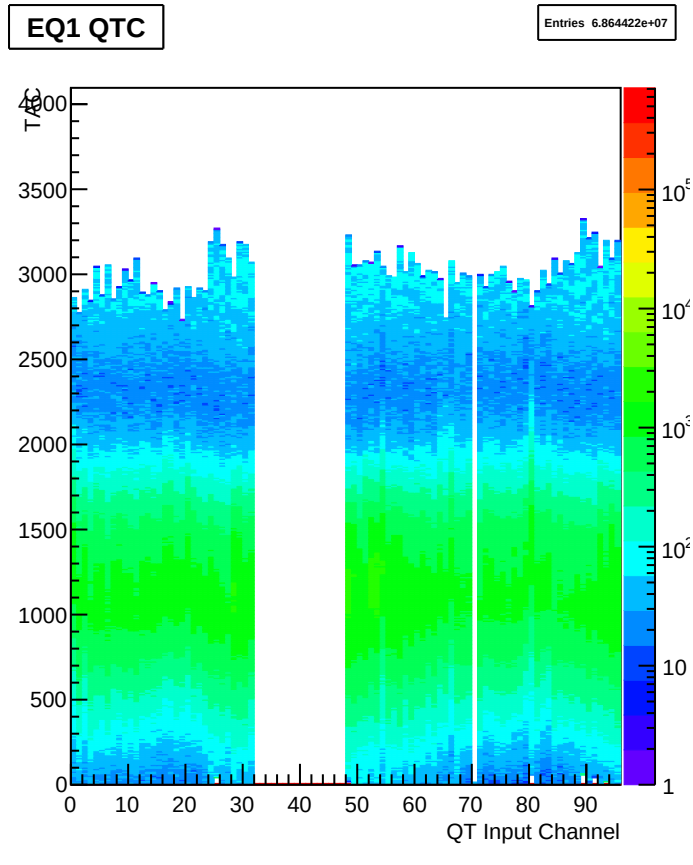

BBQ-VP002 West
Entries 1.14407e+07
ADC
QT Input Channel

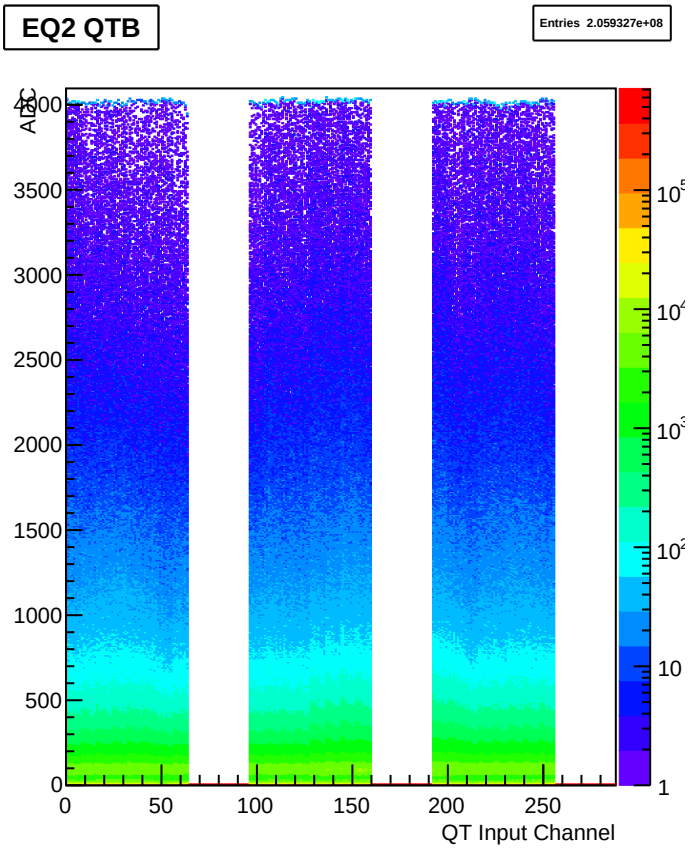

BBQ-VP002 West
Entries 1.14407e+07
TADC
QT Input Channel

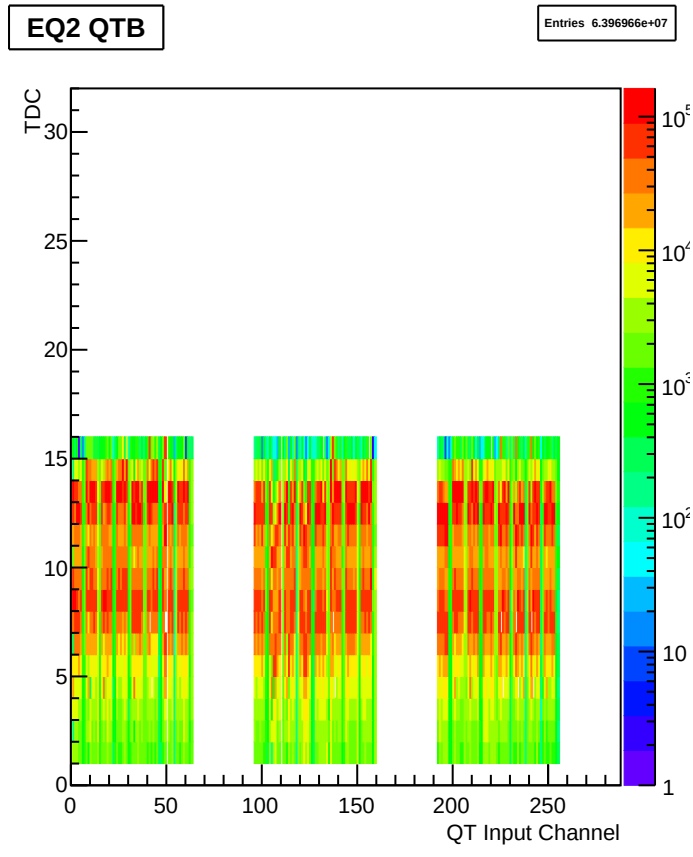

EQ1 QTB
Entries 2.059327e+08
ADC
QT Input Channel

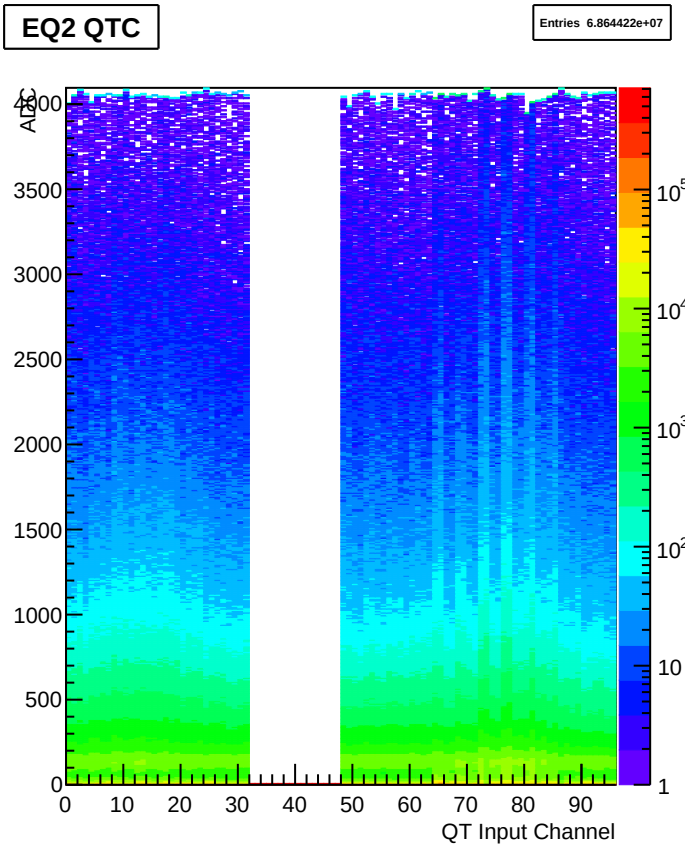

EQ1 QTB
Entries 6.825918e+07
TDC
QT Input Channel

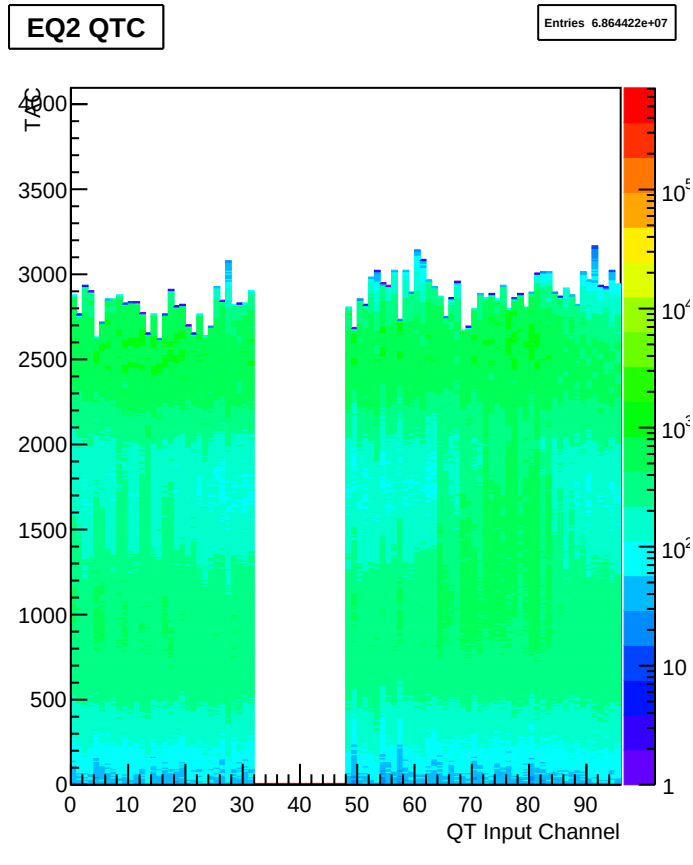

EQ1 QTC
Entries 6.864422e+07
ADC
QT Input Channel

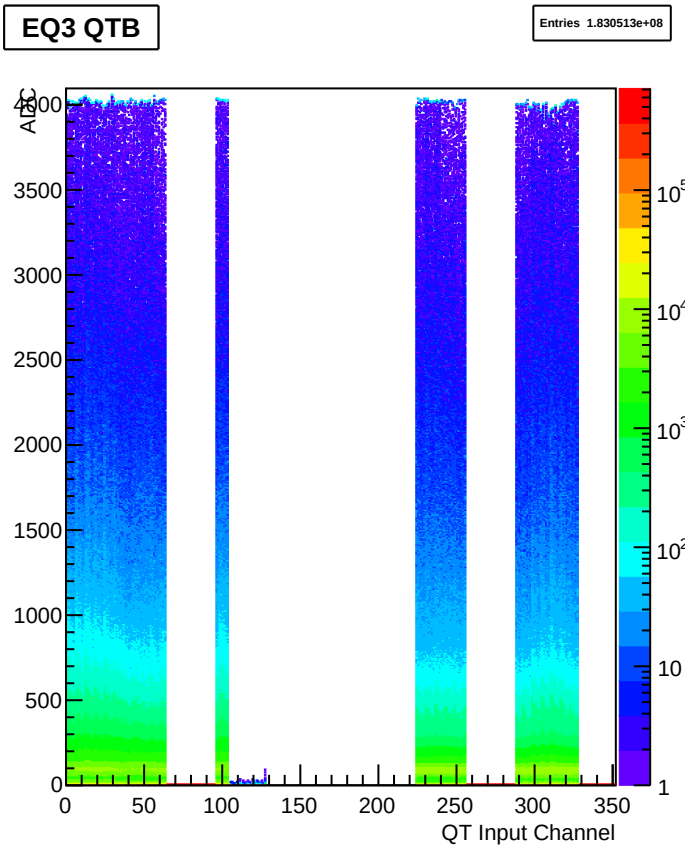

EQ1 QTC
Entries 6.864422e+07
TADC
QT Input Channel

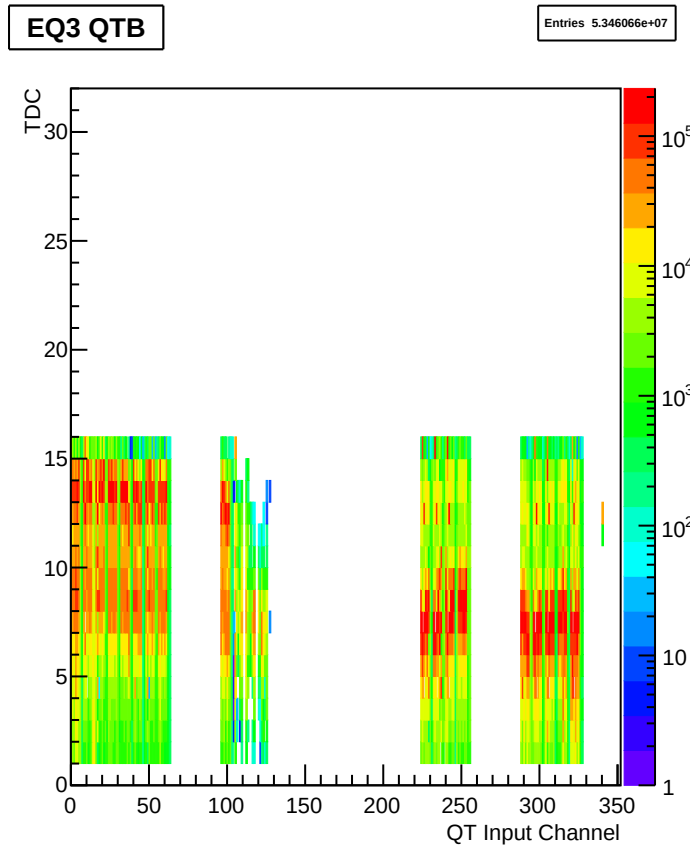

EQ2 QTB
Entries 2.059327e+08
ADC
QT Input Channel

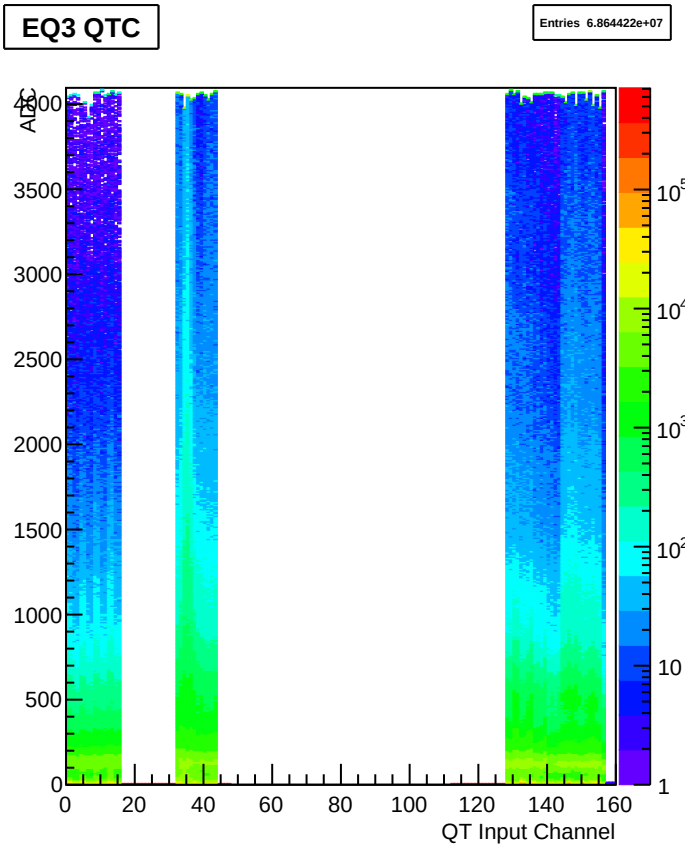

EQ2 QTB
Entries 6.396966e+07
TDC
QT Input Channel

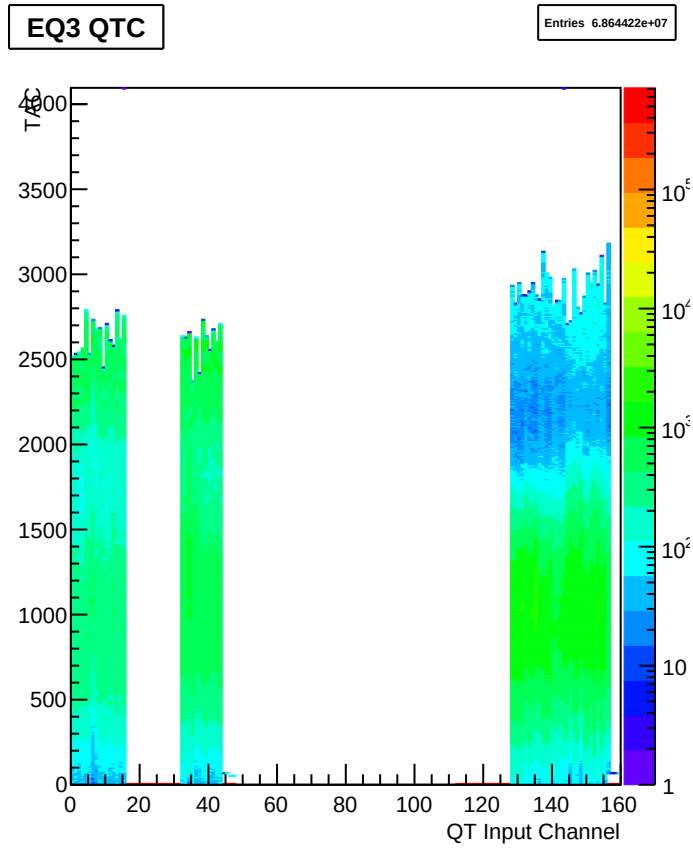

EQ2 QTC
Entries 6.864422e+07
ADC
QT Input Channel

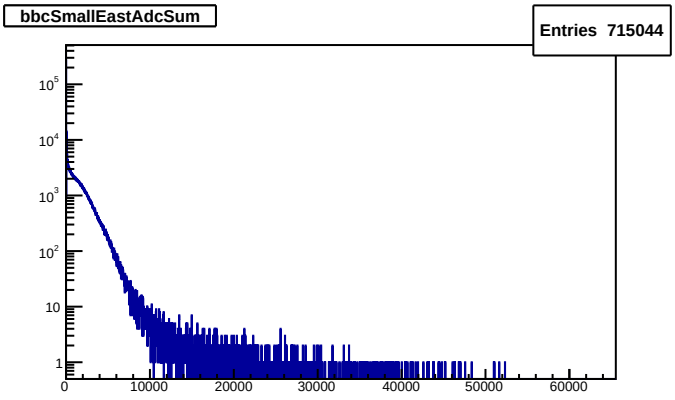

EQ2 QTC
Entries 6.864422e+07
TADC
QT Input Channel

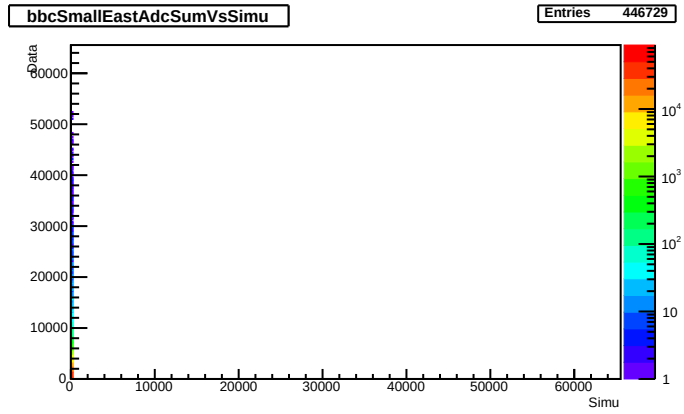

EQ3 QTB
Entries 1.830513e+08
ADC
QT Input Channel

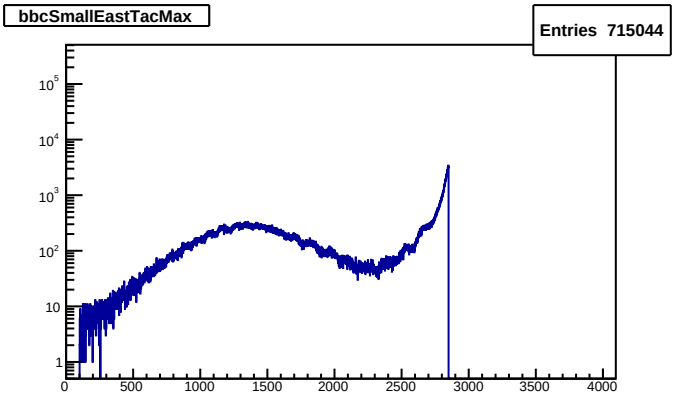

EQ3 QTB
Entries 5.346066e+07
TDC
QT Input Channel


EQ3 QTC
Entries 6.864422e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.864422e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 715044


bbcSmallEastAdcSumVsSimu
Entries 446729
Data
Simu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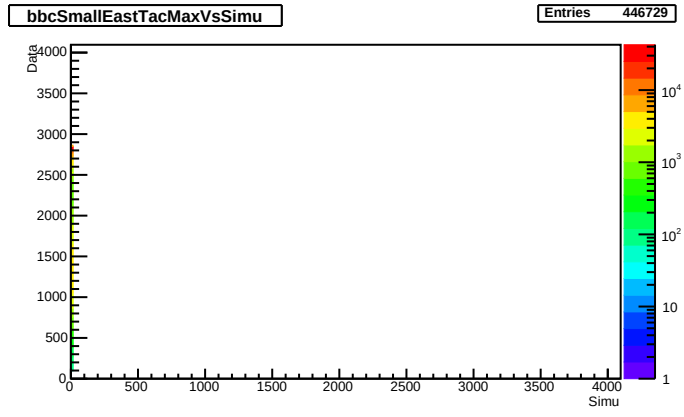
Entries 715044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Entries 446729
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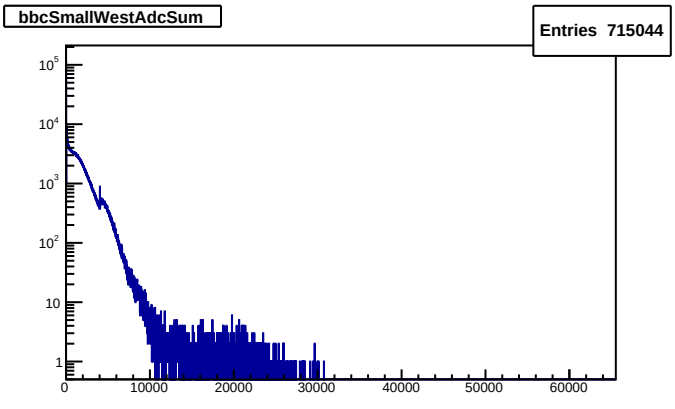
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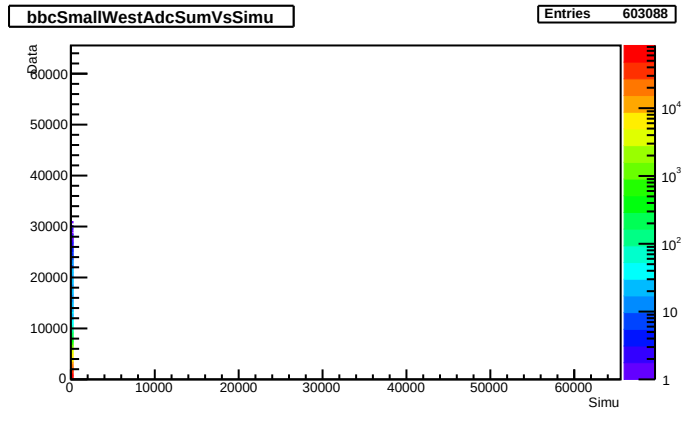
Entries 715044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Entries 603088
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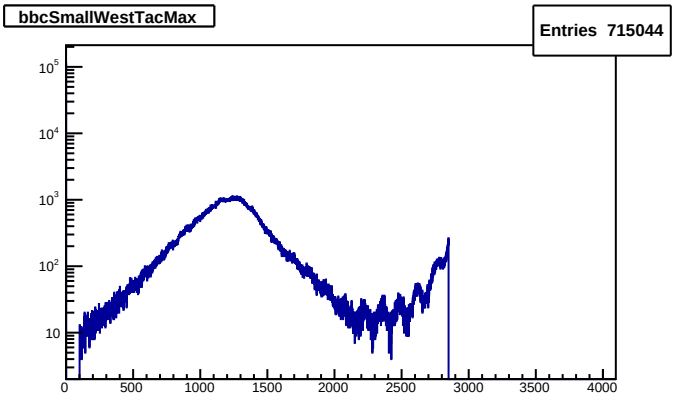
Simu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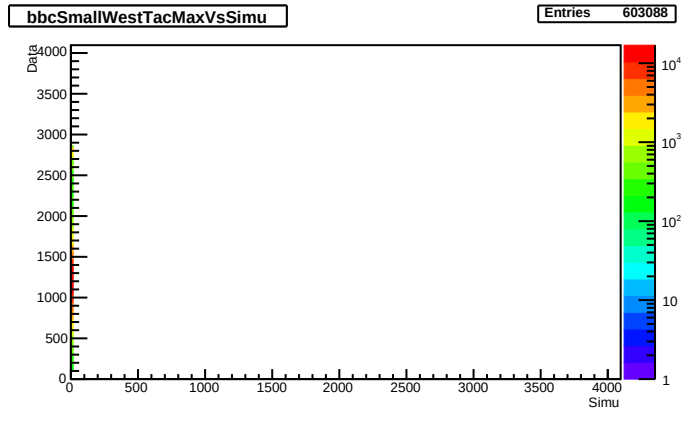
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Entries 603088
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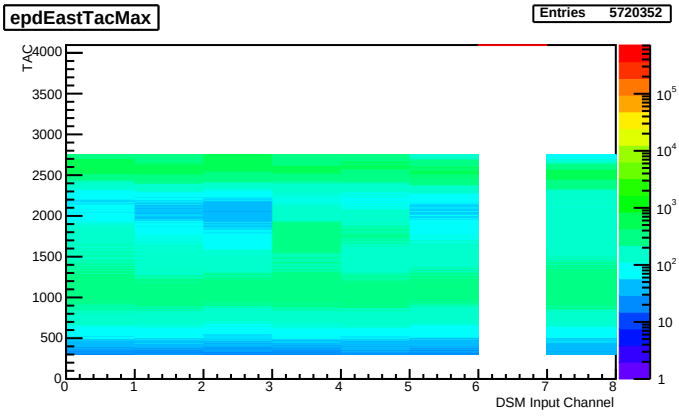
Simu


epdEastTacMax
Entries 5720352
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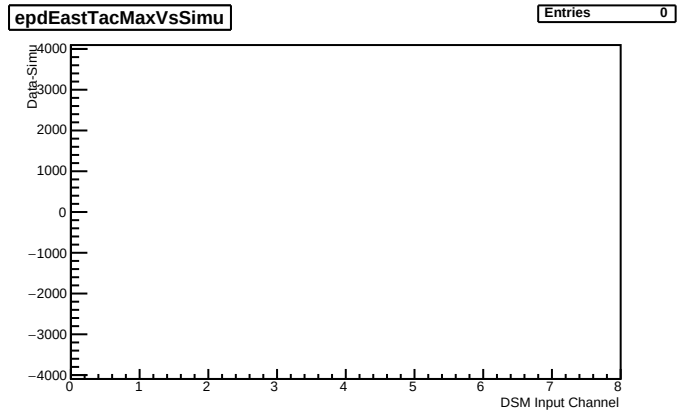
DSM Input Channel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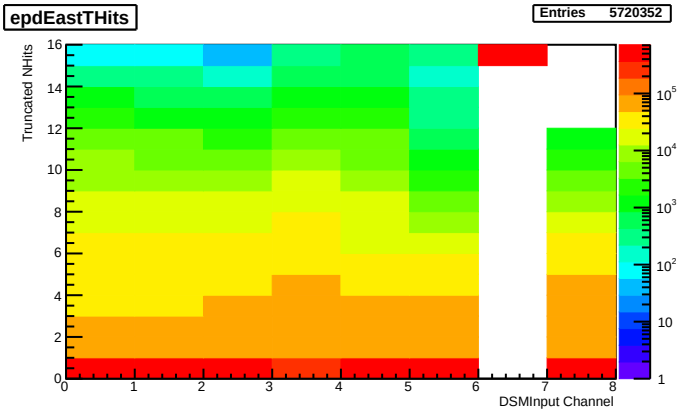
Entries 0
Data-Simu
DSM Input Channel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Entries 5720352
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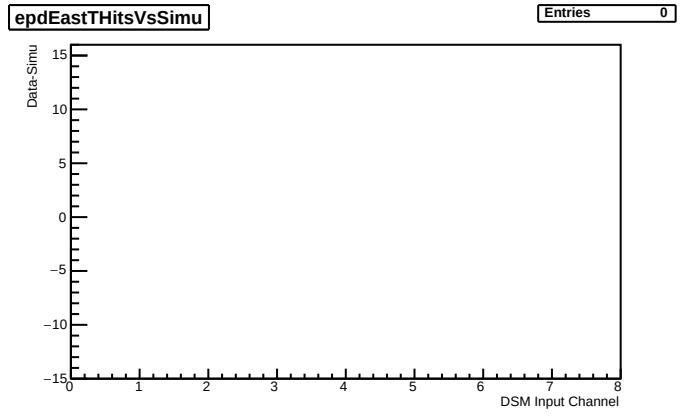
DSMInput Channel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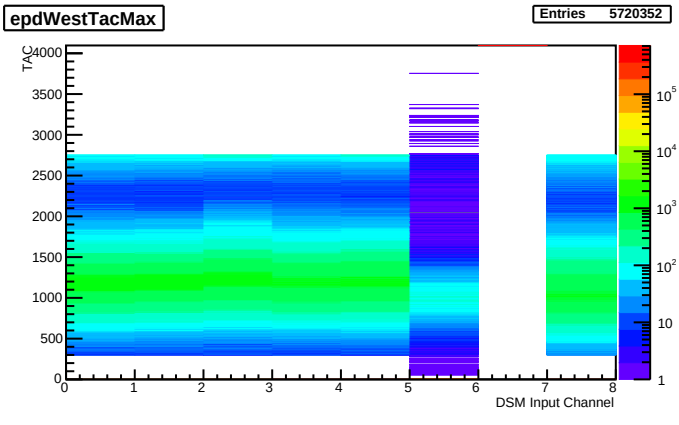
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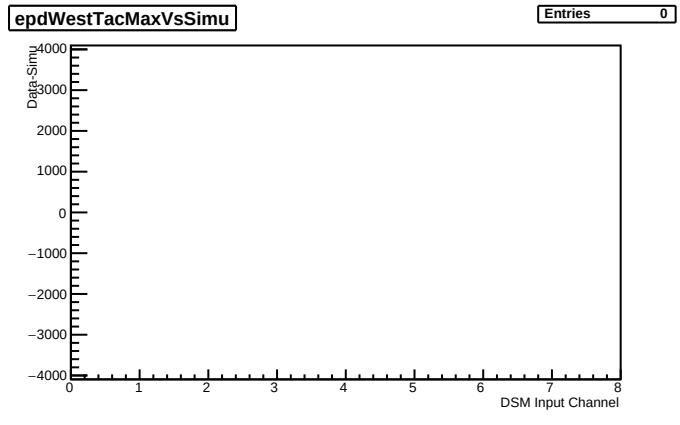
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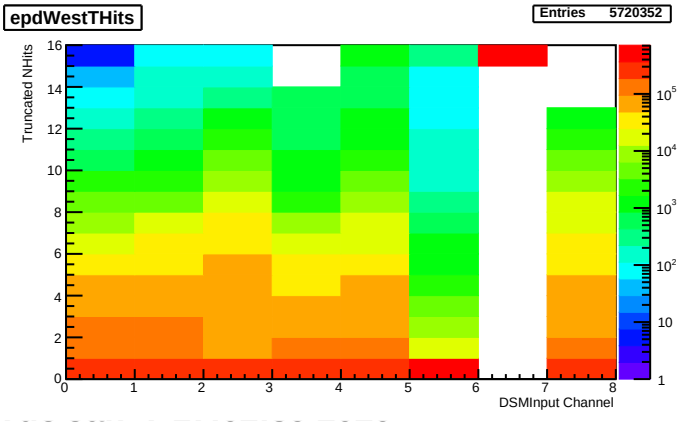
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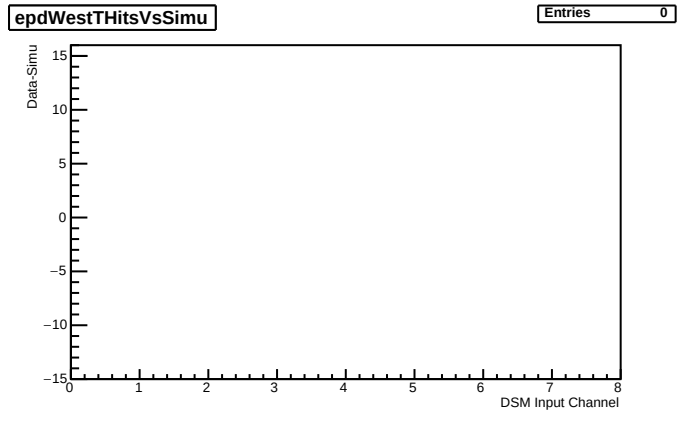
Entries 5720352
Truncated NHits
DSMInput Channel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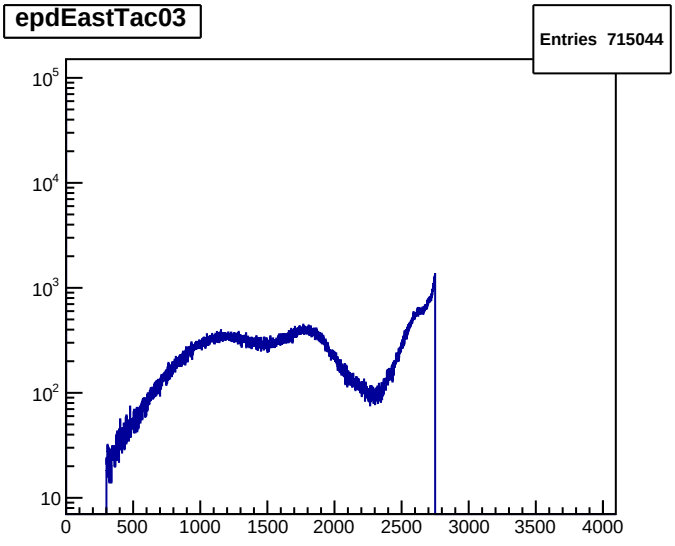
DSM Input Channel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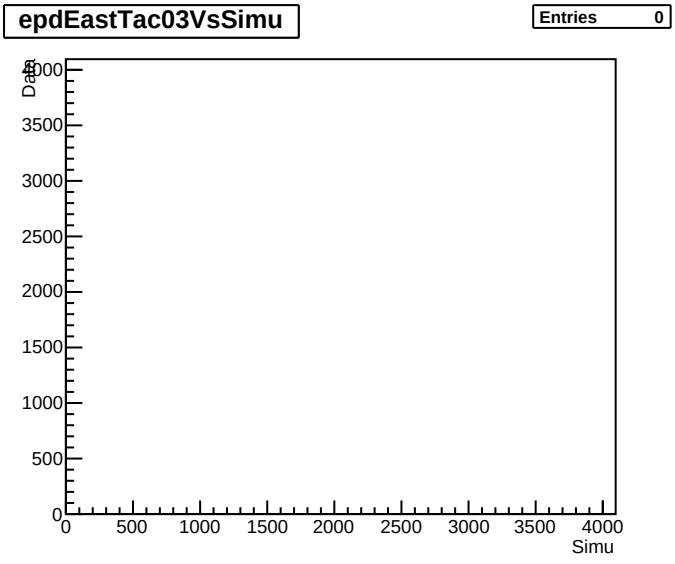
Entries 715044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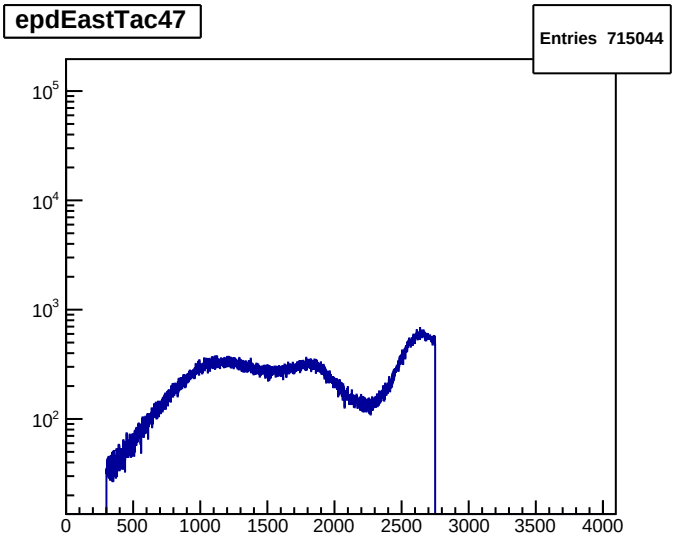
Entries 0
Data
Simu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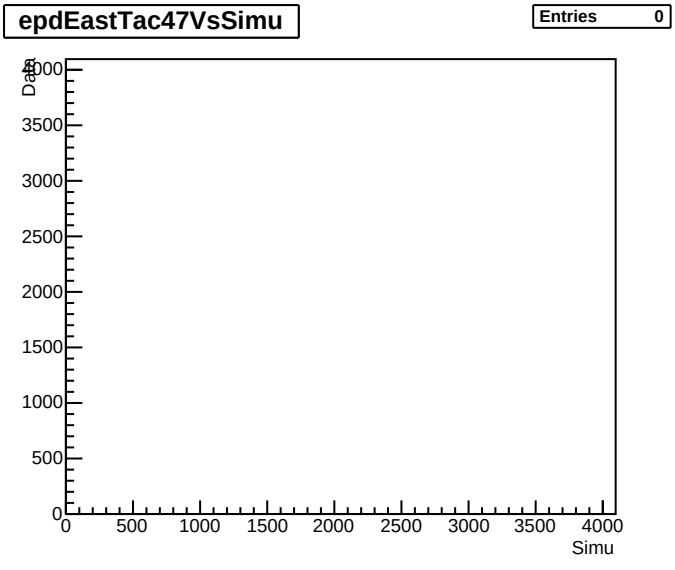
Entries 715044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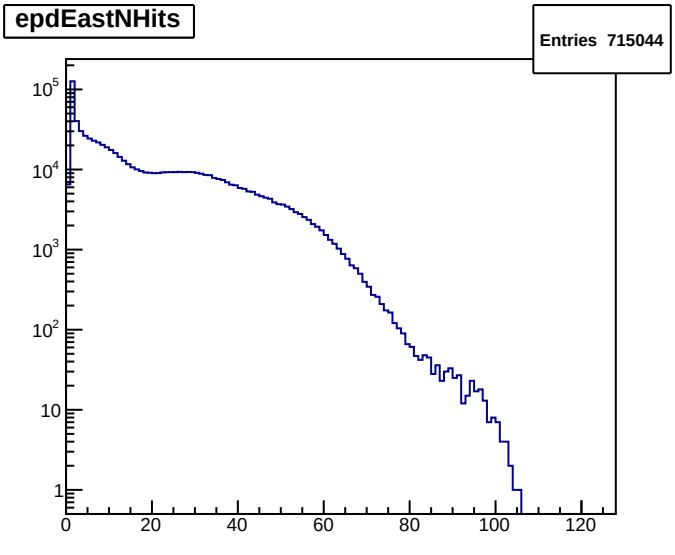
Entries 0
Data
Simu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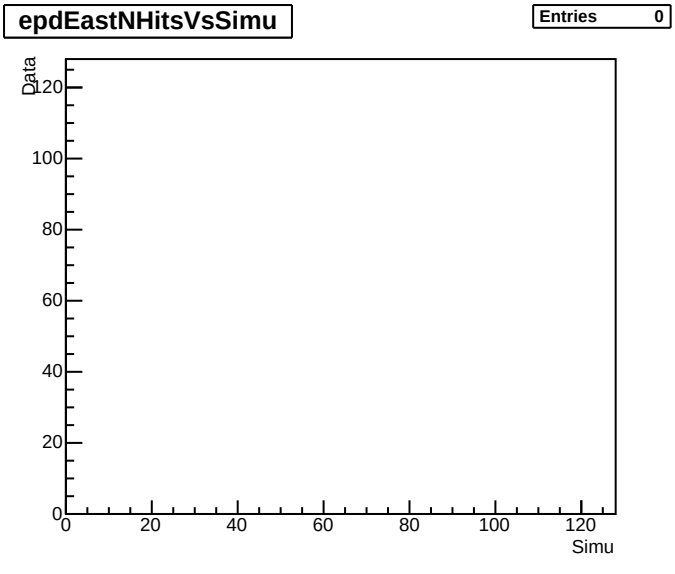
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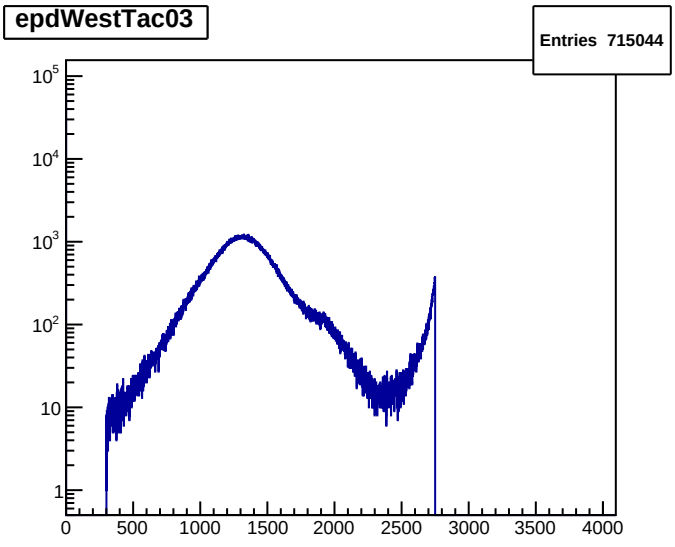
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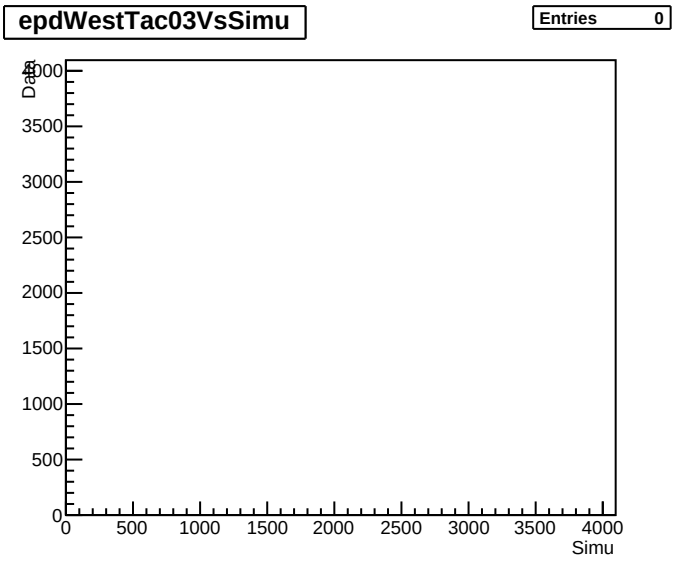
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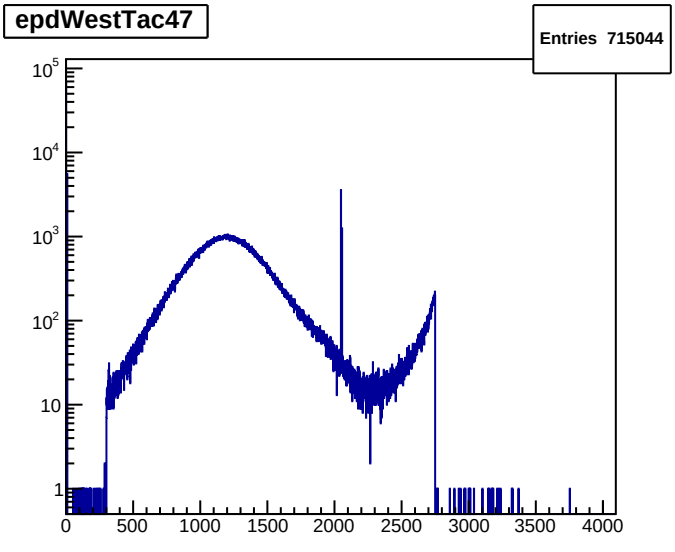
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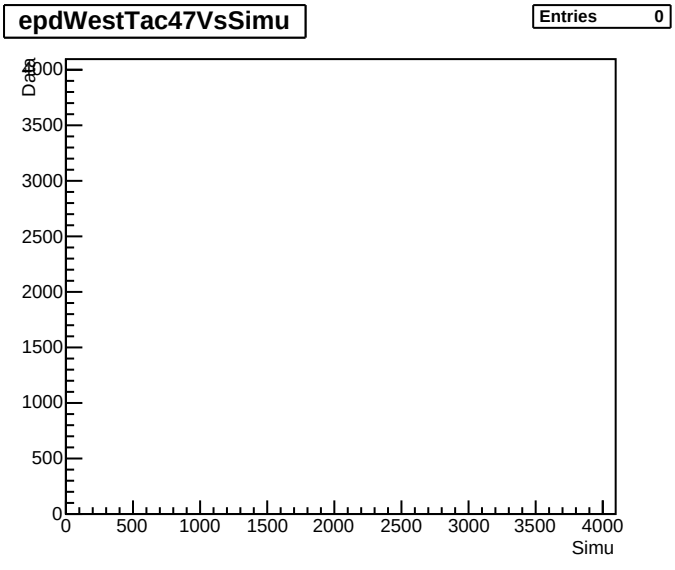
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Entries 0
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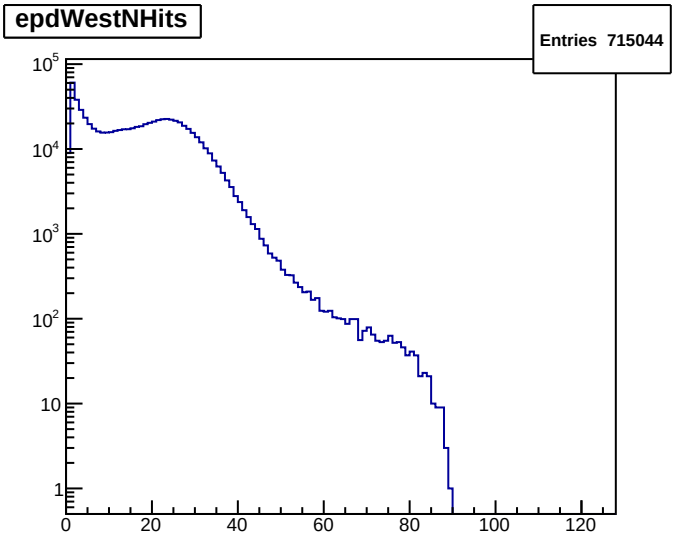
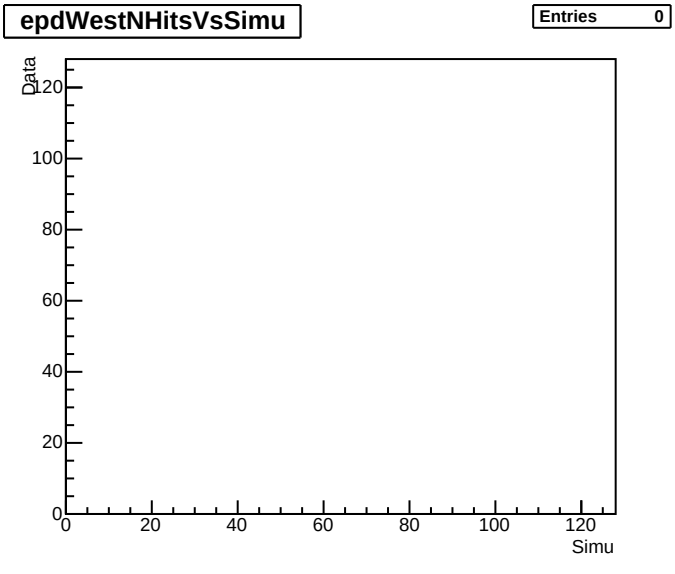

epdWestNHits
Entries 715044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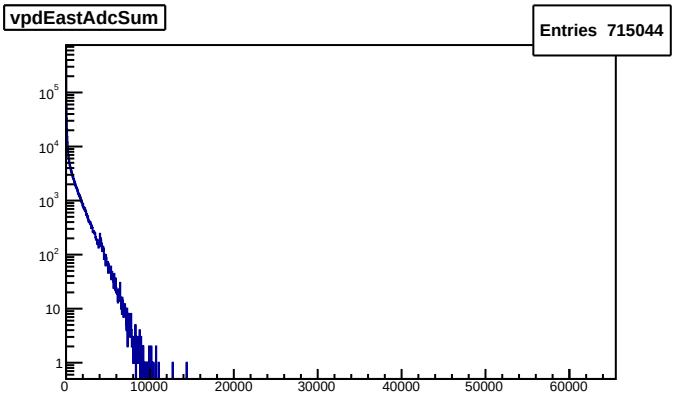
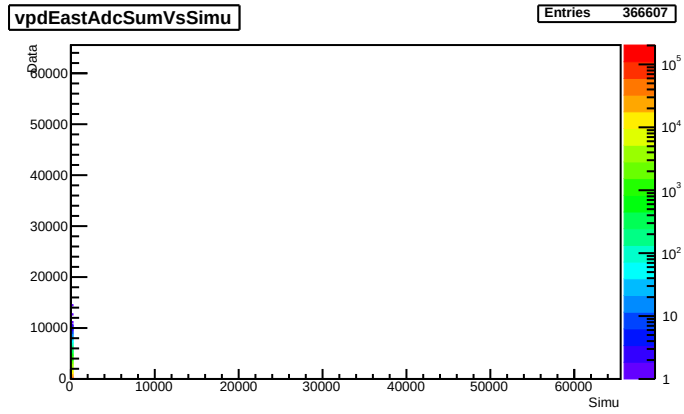
Entries 0
Data
Simu


vpdEastAdcSum
Entries 715044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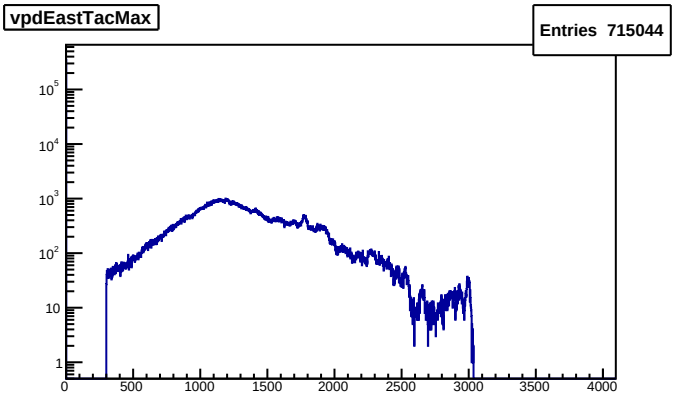
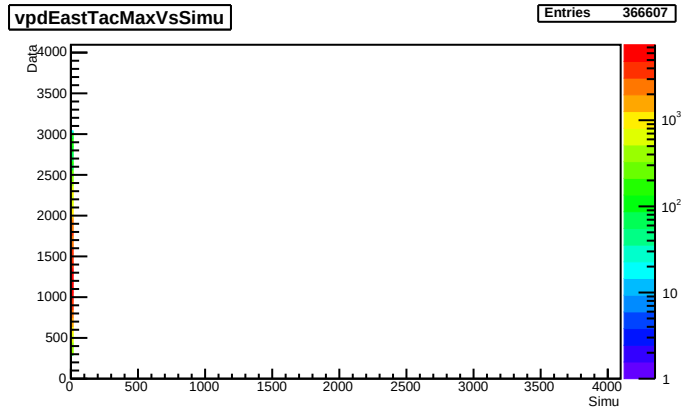
Entries 366607
Data
Simu


vpdEastTacMax
Entries 715044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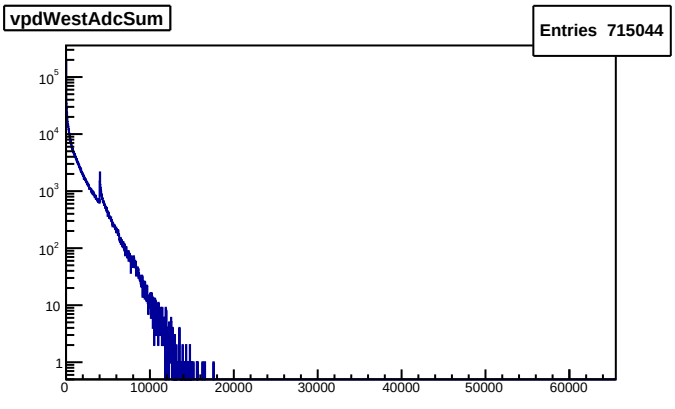
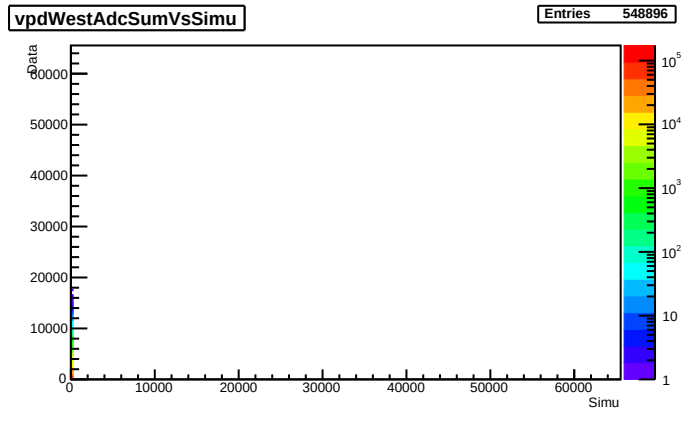
Entries 366607
Data
Simu


vpdWestAdcSum
Entries 715044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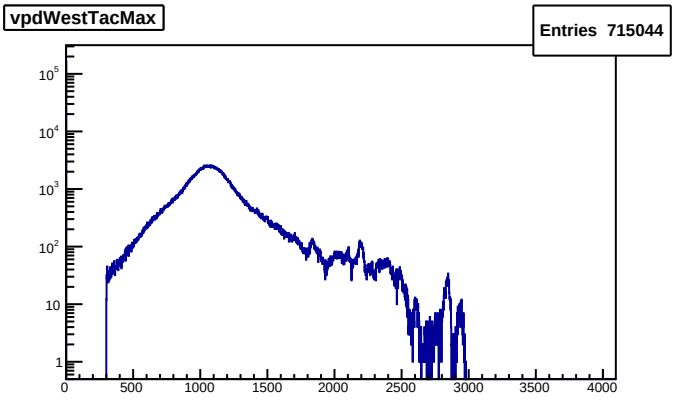
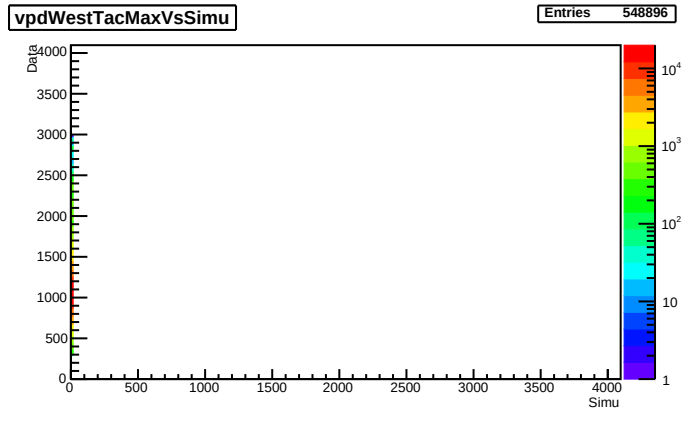
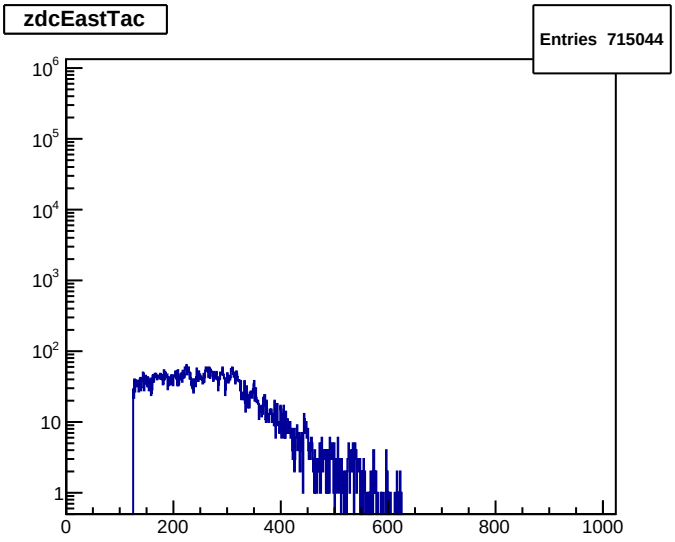
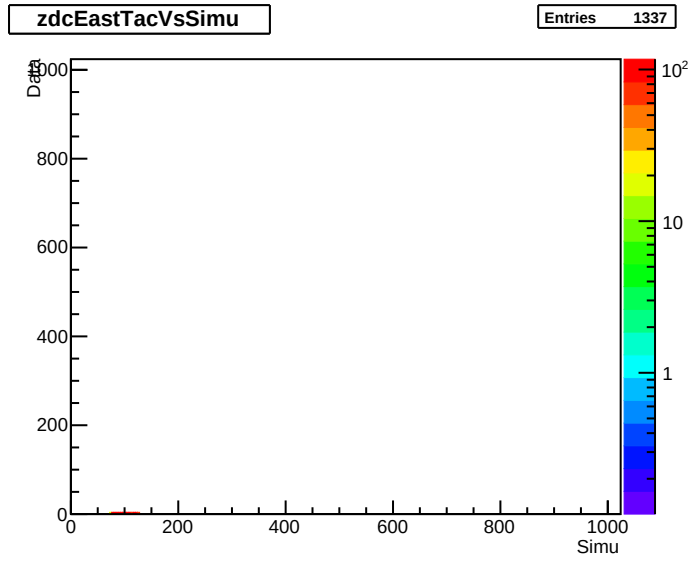
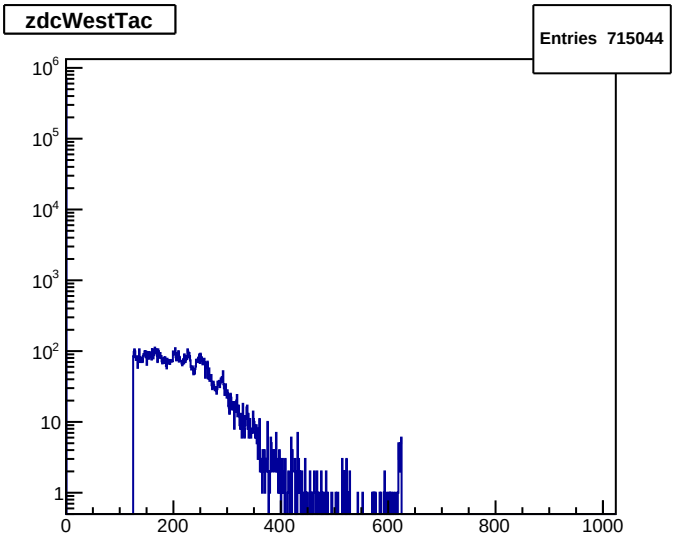
Entries 548896
Data
Simu

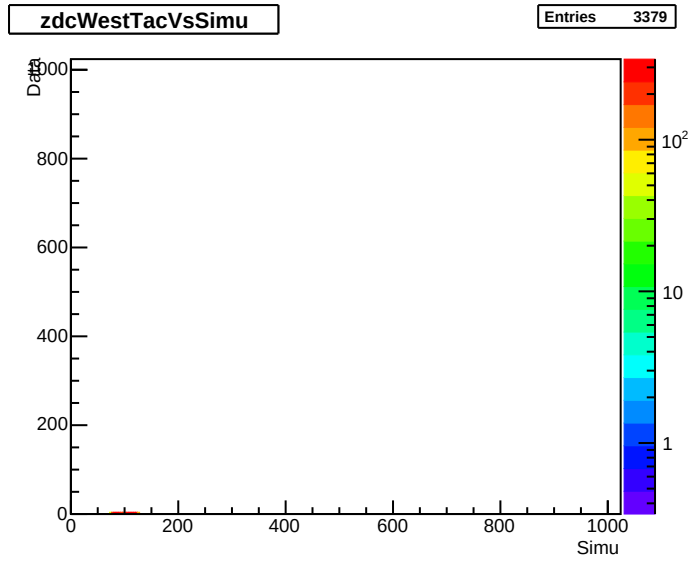

vpdWestTacMax
Entries 715044

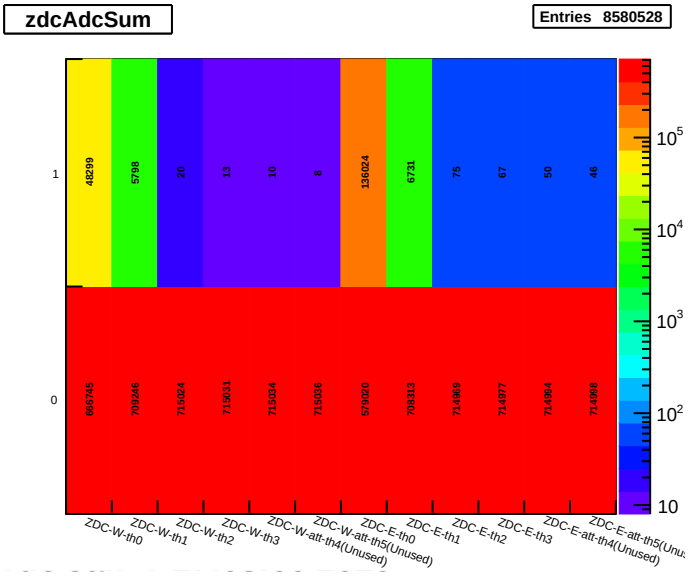

vpdWestTacMaxVsSimu
Entries 548896
Data
Simu

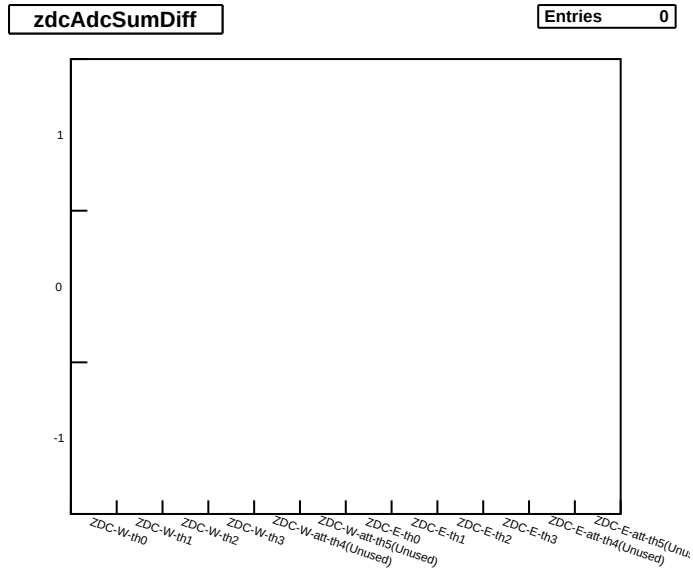

zdcEastTac
Entries 715044


zdcEastTacVsSimu
Entries 1337
Data
Simu


zdcWestTac
Entries 715044


zdcWestTacVsSimu
Entries 3379
Data
Simu


zdcAdcSum
Entries 8580528
48299
5798
20
13
10
8
136024
6731
75
67
50
46
666745
709246
715024
715031
715034
715036
579020
708313
714969
714977
714994
714998
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)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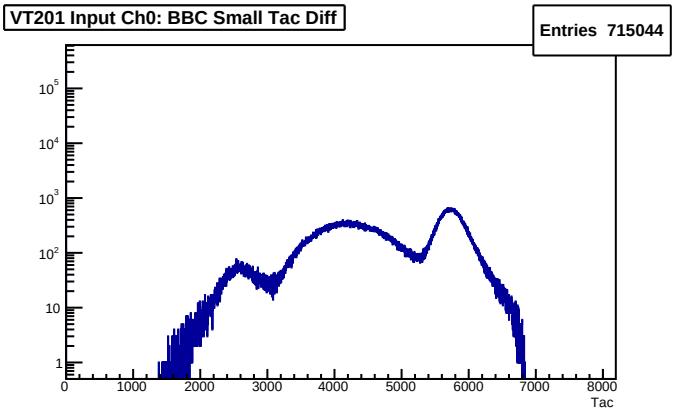
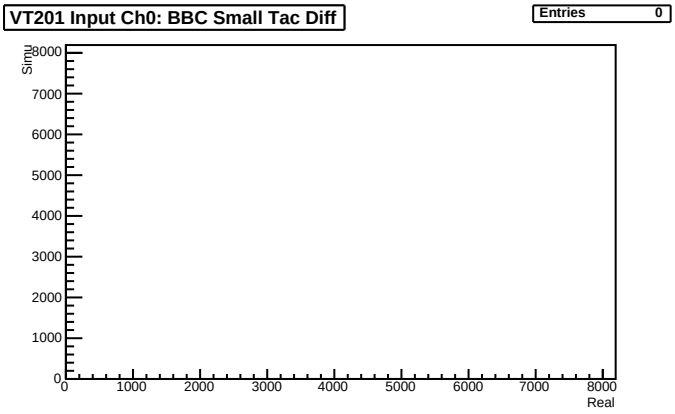
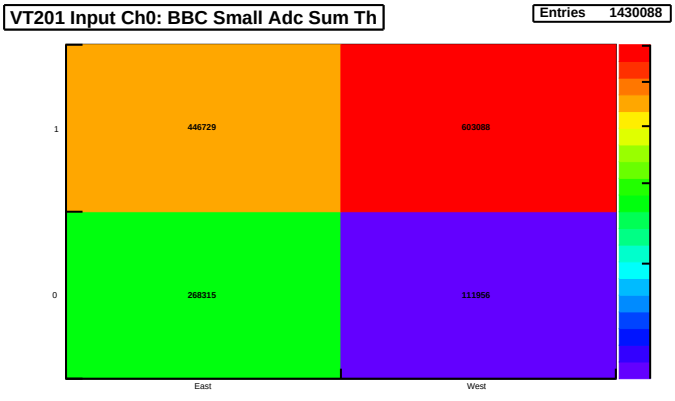
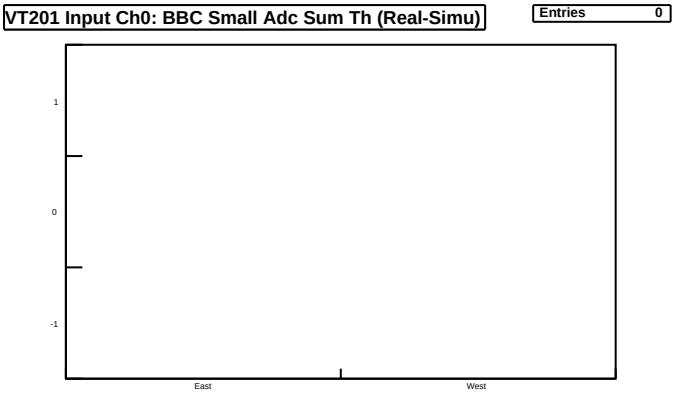
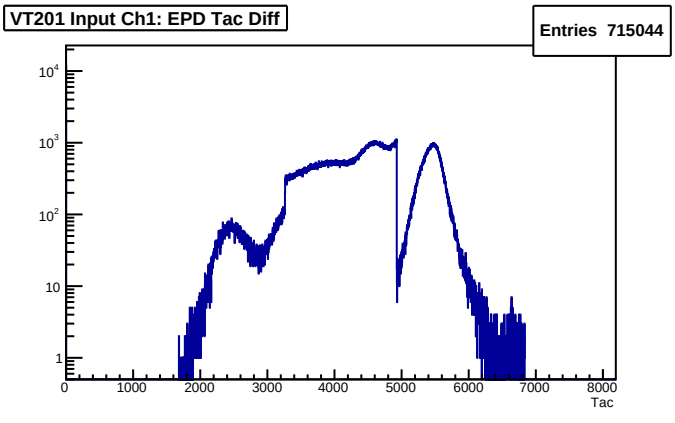
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

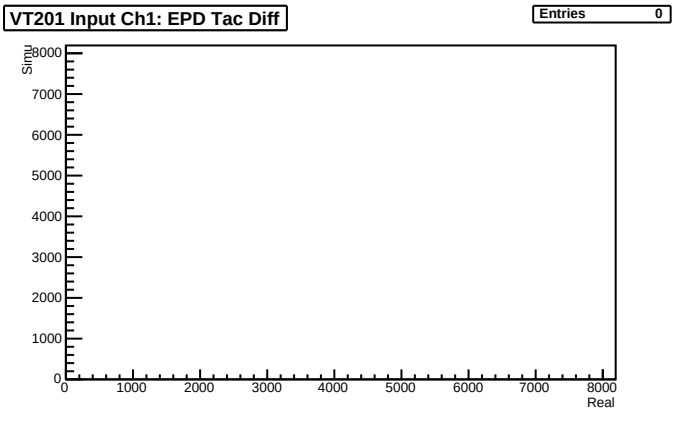

VT201 Input Ch0: BBC Small Tac Diff
Entries 715044
Tac

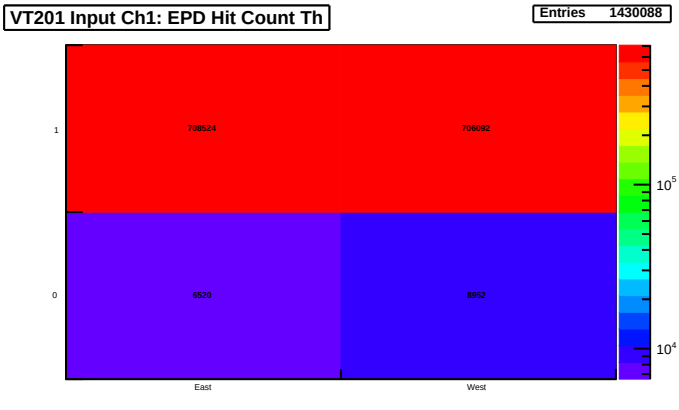

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

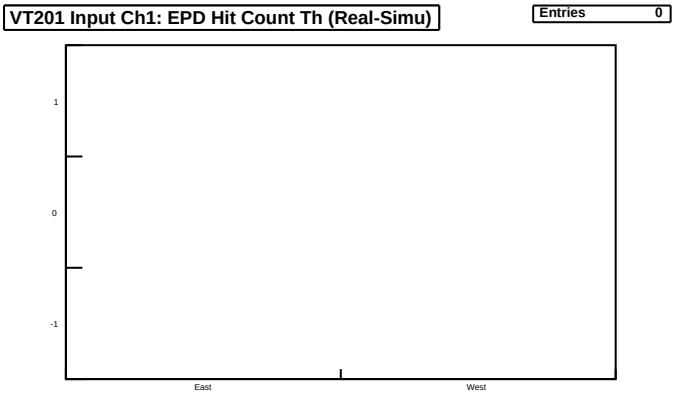

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1430088
446729
603088
268315
111956
East
West

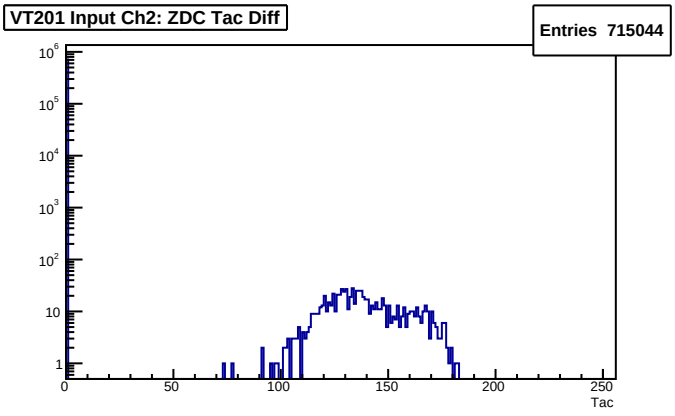

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

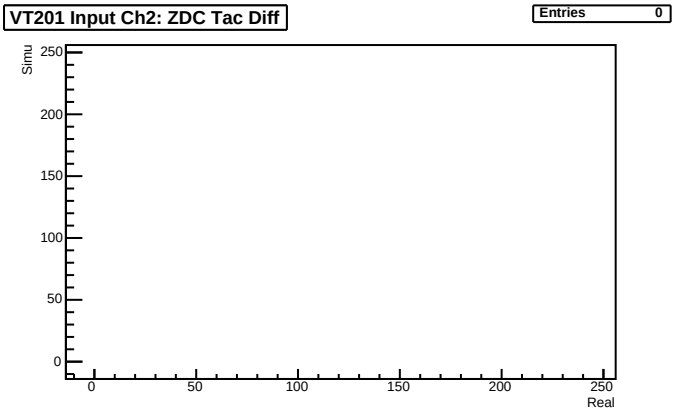

VT201 Input Ch1: EPD Tac Diff
Entries 715044
Tac

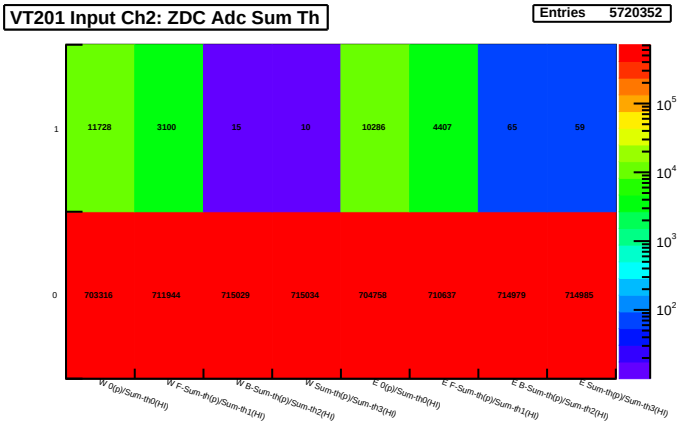

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

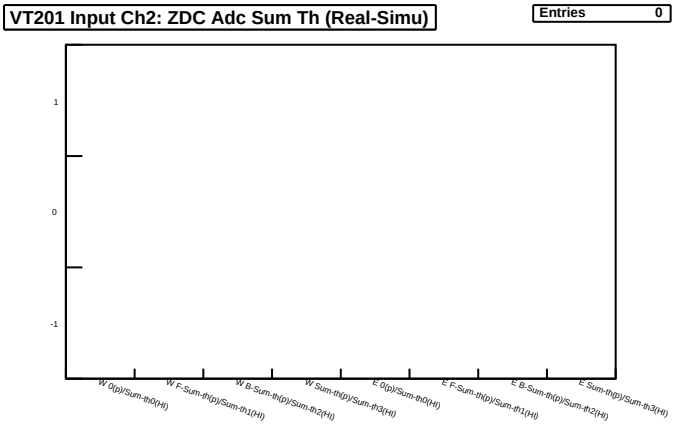

VT201 Input Ch1: EPD Hit Count Th
Entries 1430088
708524
706092
6520
8952
East
West

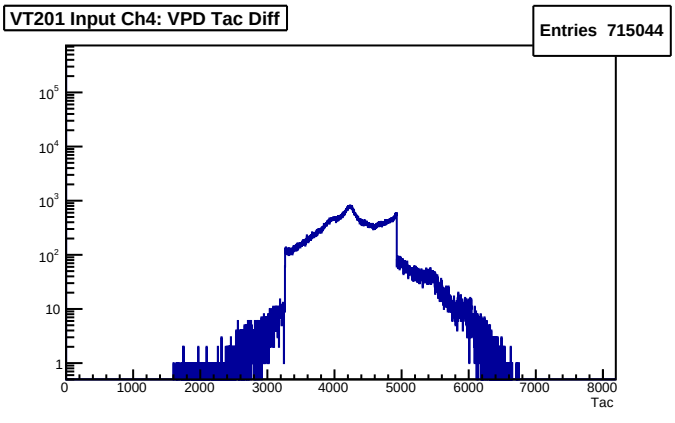

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

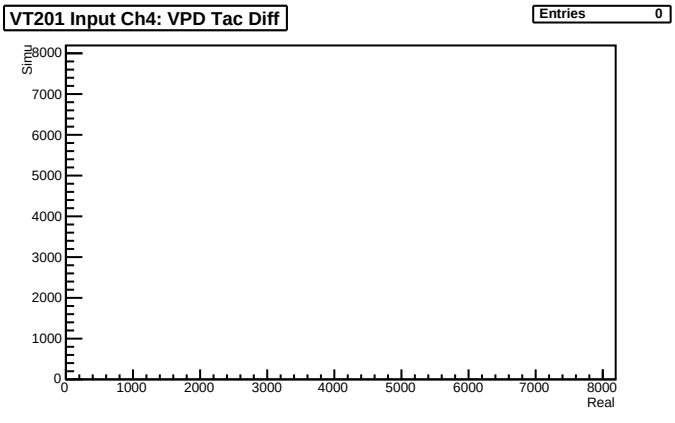

VT201 Input Ch2: ZDC Tac Diff
Entries 715044
Tac

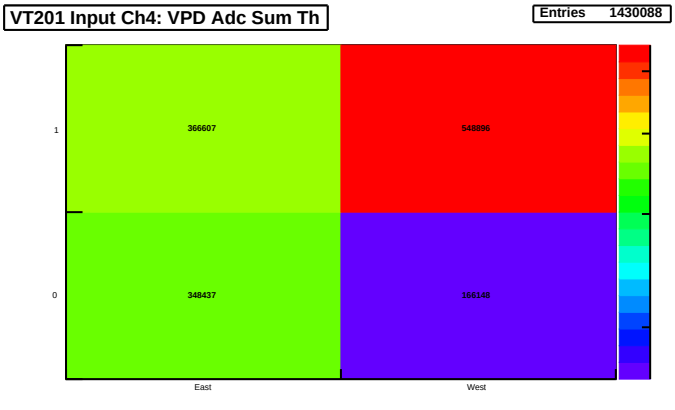

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

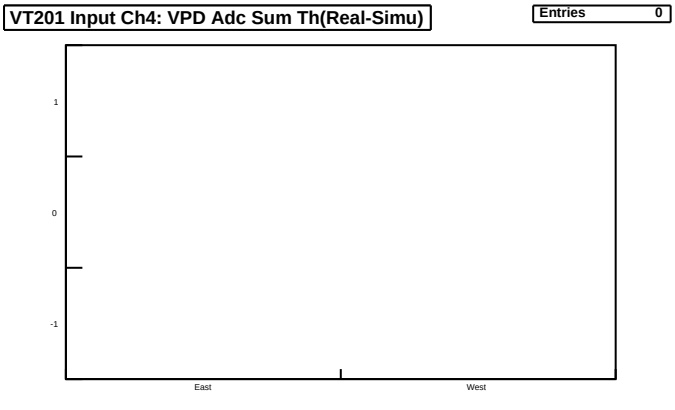

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5720352
11728
3100
15
10
10286
4407
65
59
703316
711944
715029
715034
704758
710637
714979
714985
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

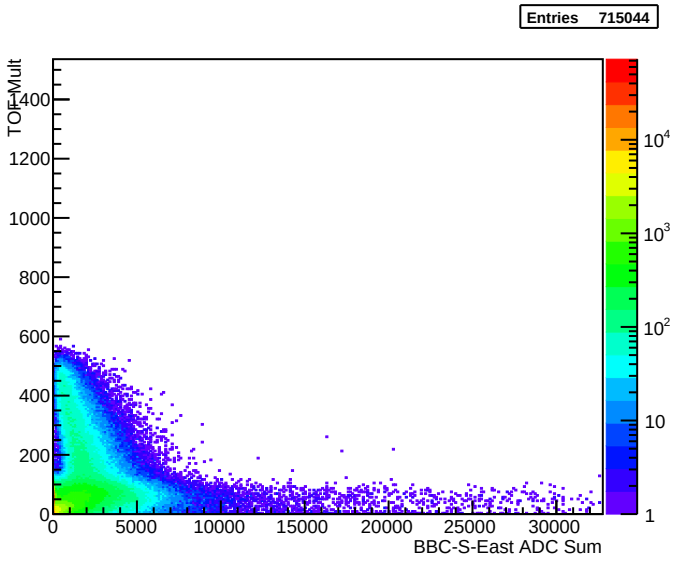

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

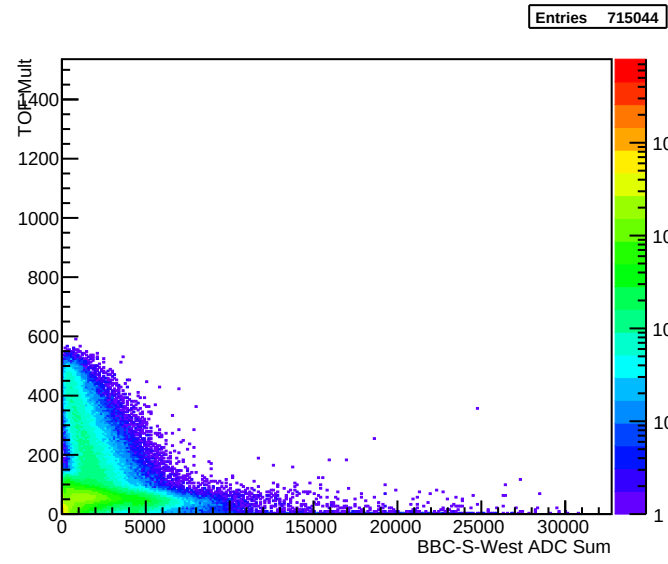

VT201 Input Ch4: VPD Tac Diff
Entries 715044
Tac

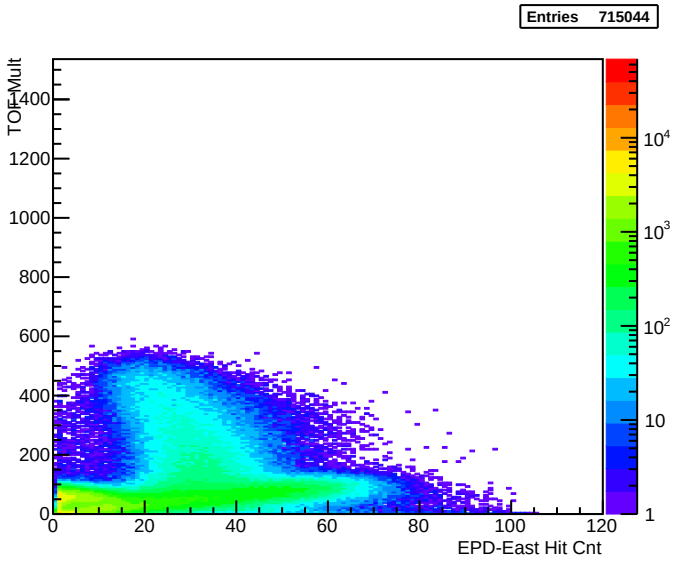

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

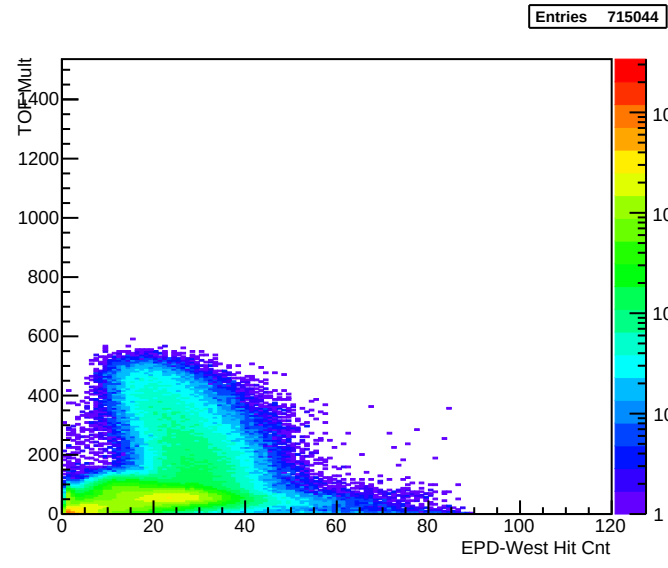

VT201 Input Ch4: VPD Adc Sum Th
Entries 1430088
366607
548896
348437
166148
East
West

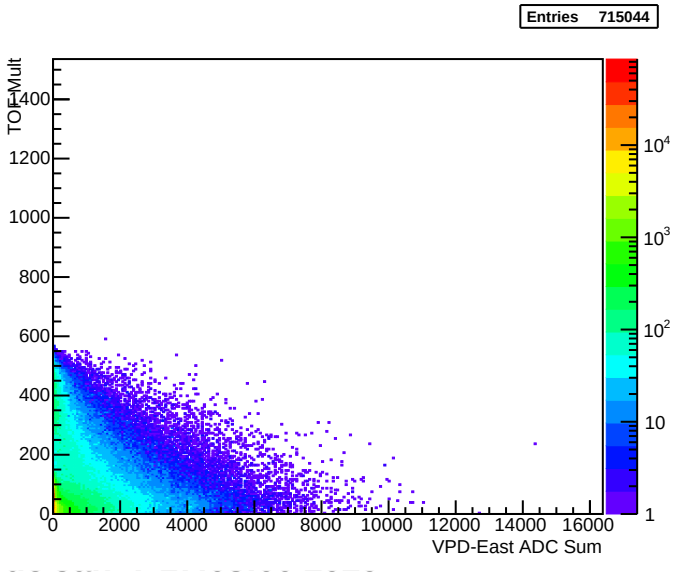

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

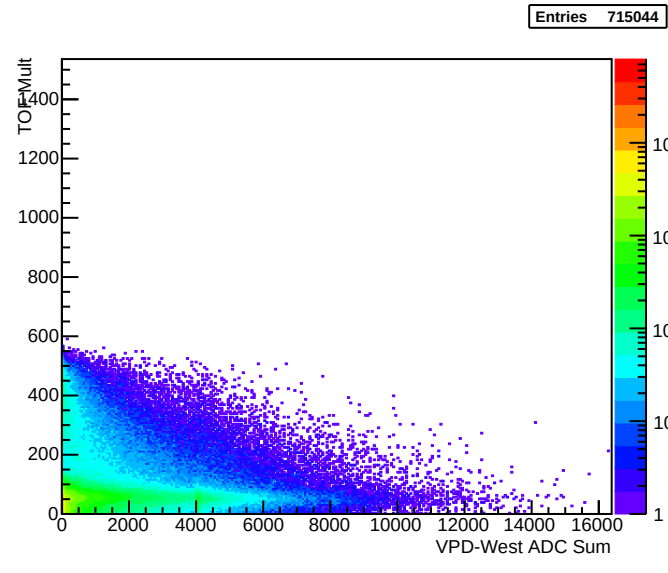

Entries 715044
TOF-Mult
BBC-S-East ADC Sum

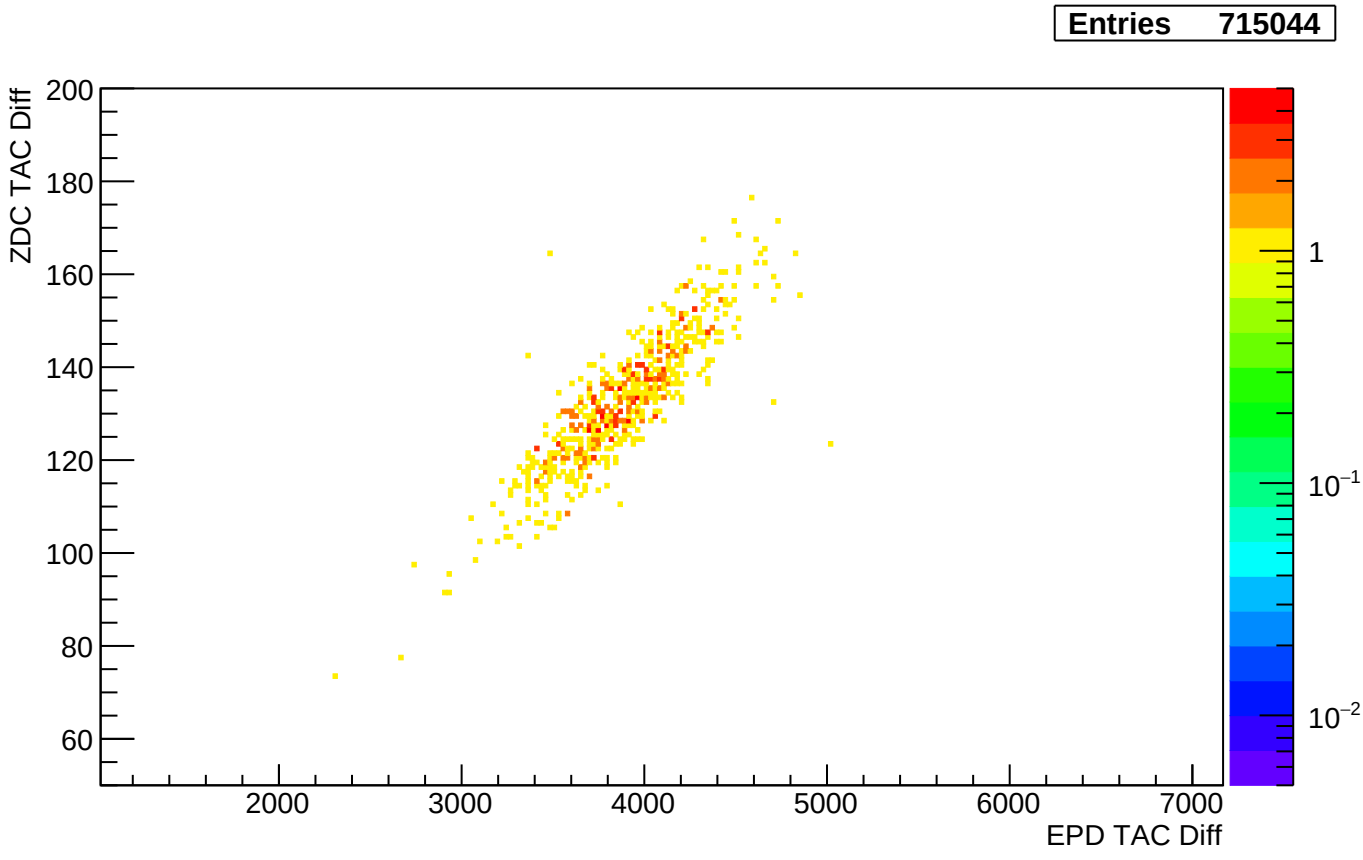

Entries 715044
TOF-Mult
BBC-S-West ADC Sum

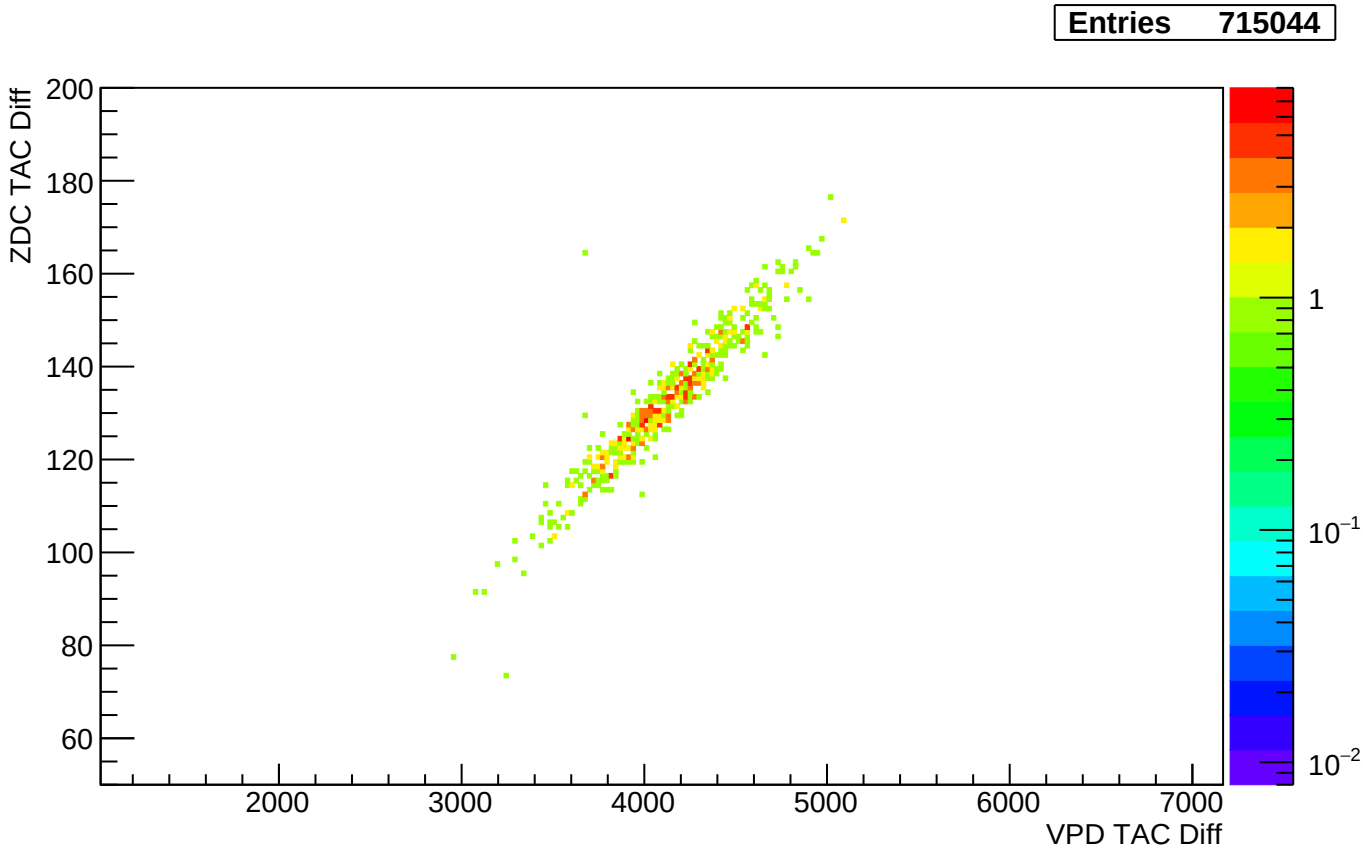

Entries 715044
TOF-Mult
EPD-East Hit Cnt

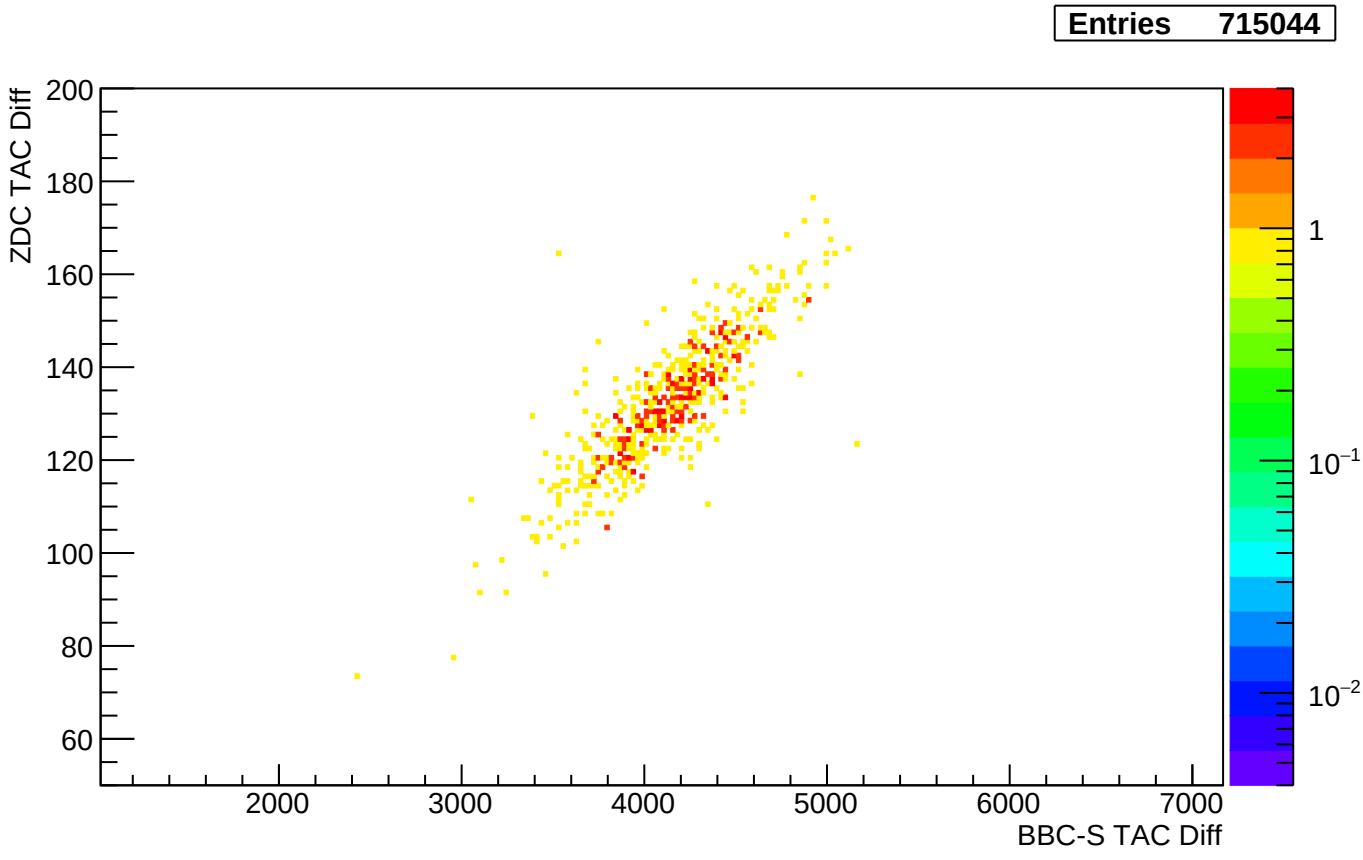

Entries 715044
TOF-Mult
EPD-West Hit Cnt

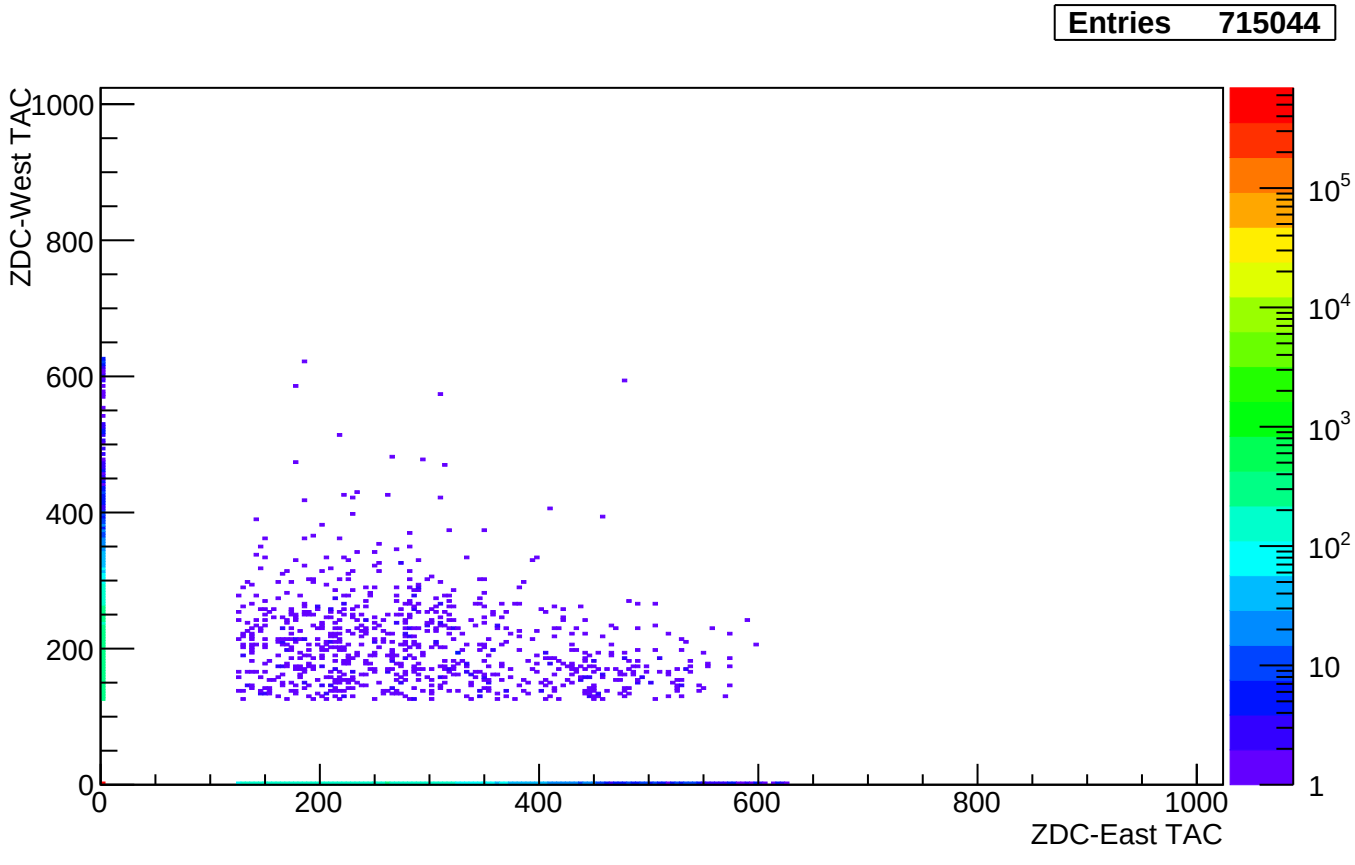

Entries 715044
TOF-Mult
VPD-East ADC Sum

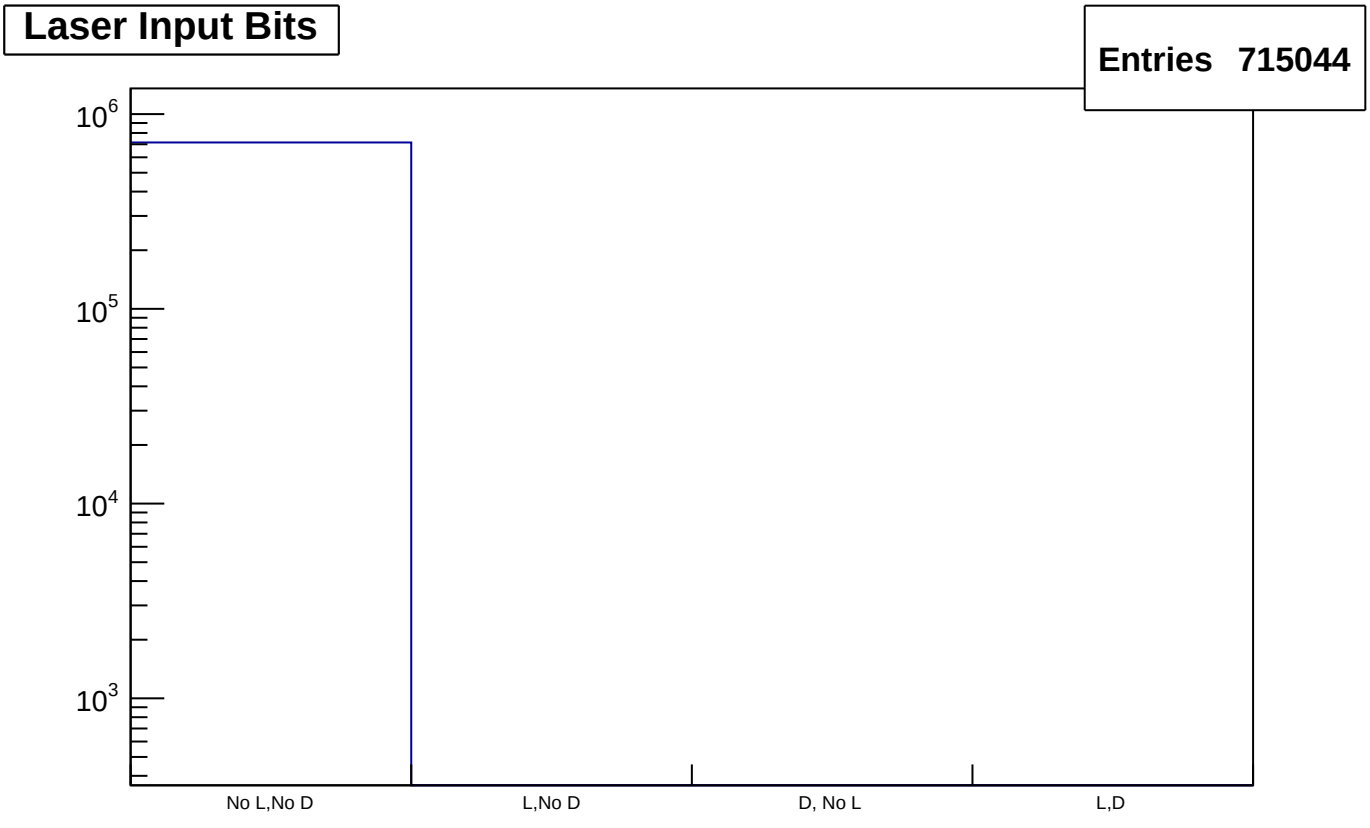

Entries 715044
TOF-Mult
VPD-West ADC Sum

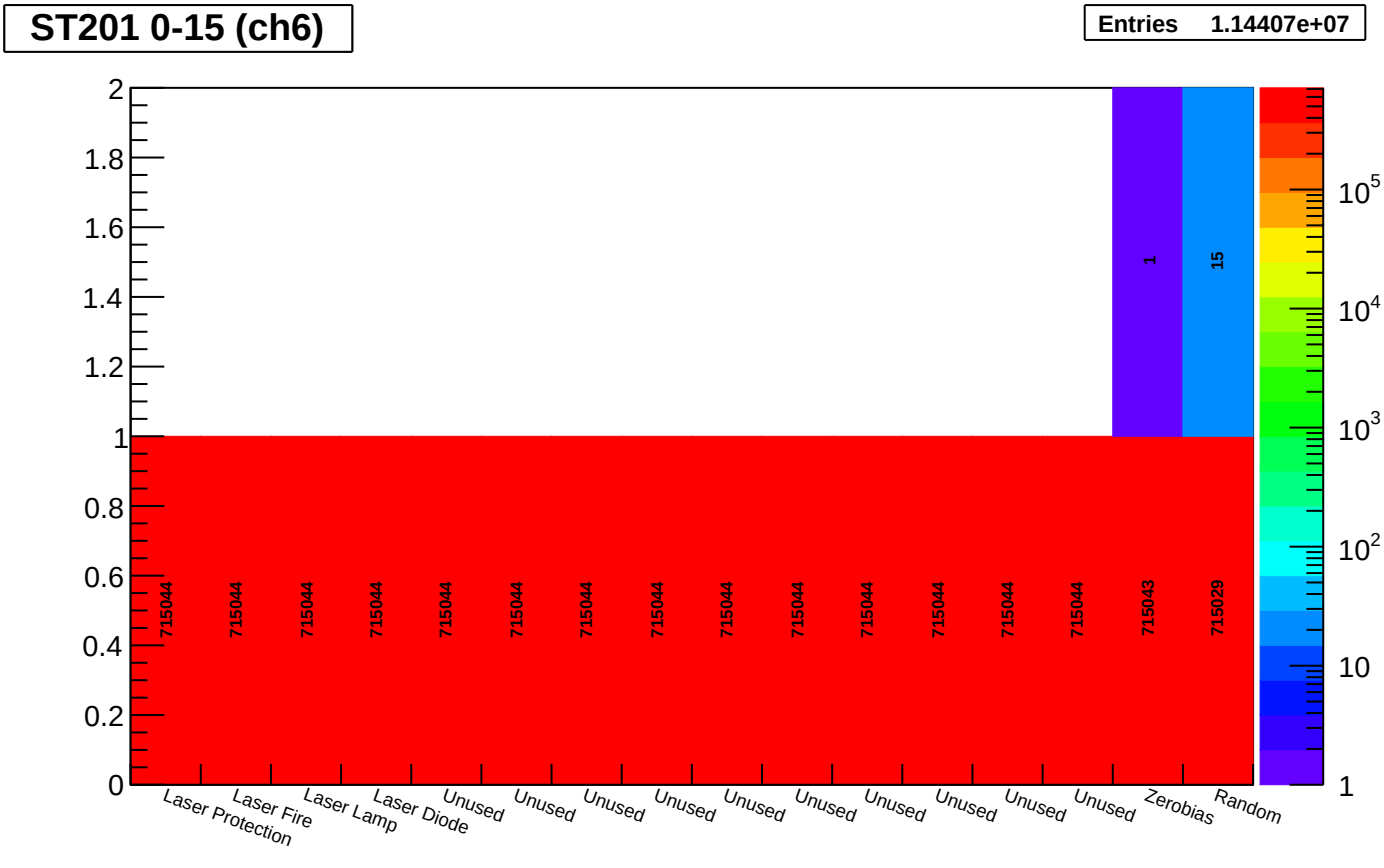

Entries 715044
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

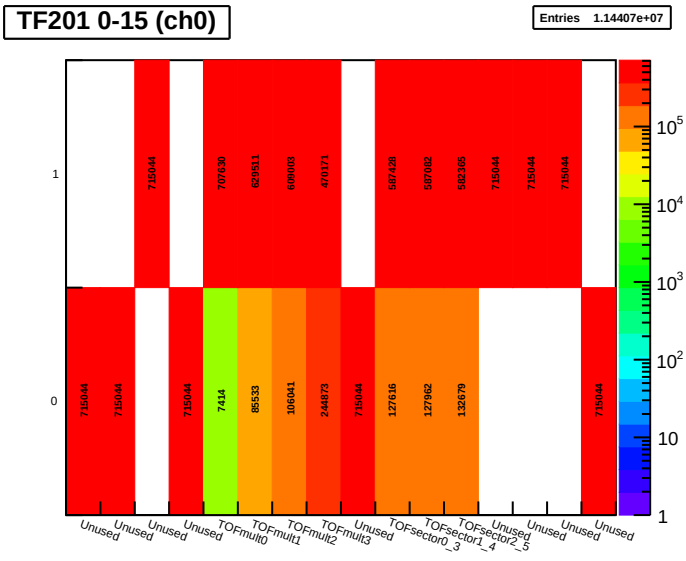

Entries 715044
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

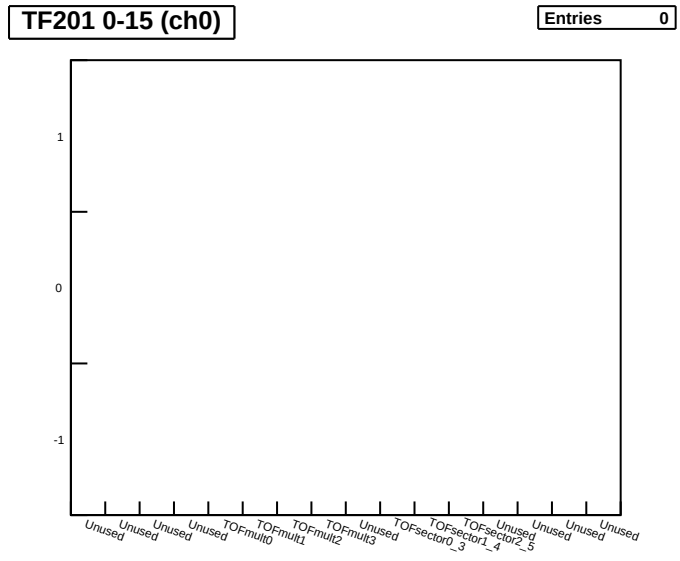

Entries 715044
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
$10^{-1}$
$10^{-2}$

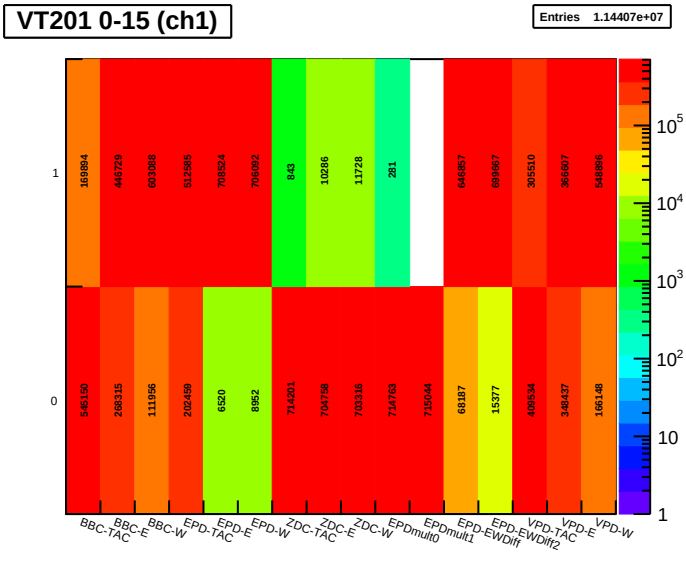

Entries 715044
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

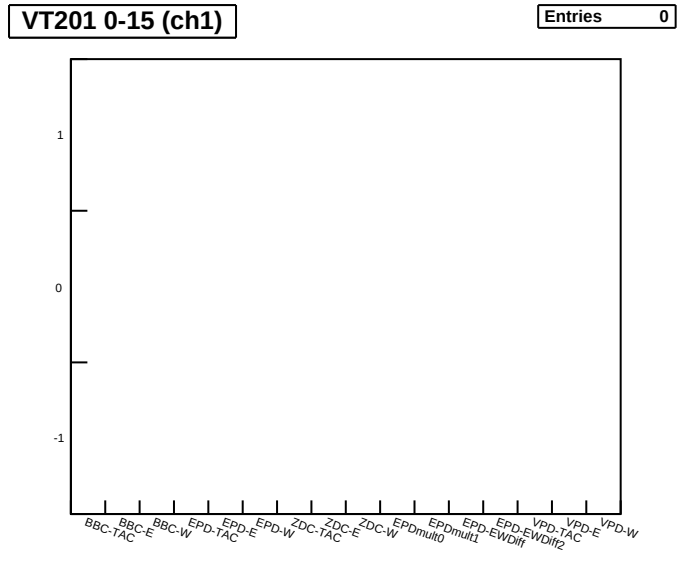

Laser Input Bits
Entries 715044
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

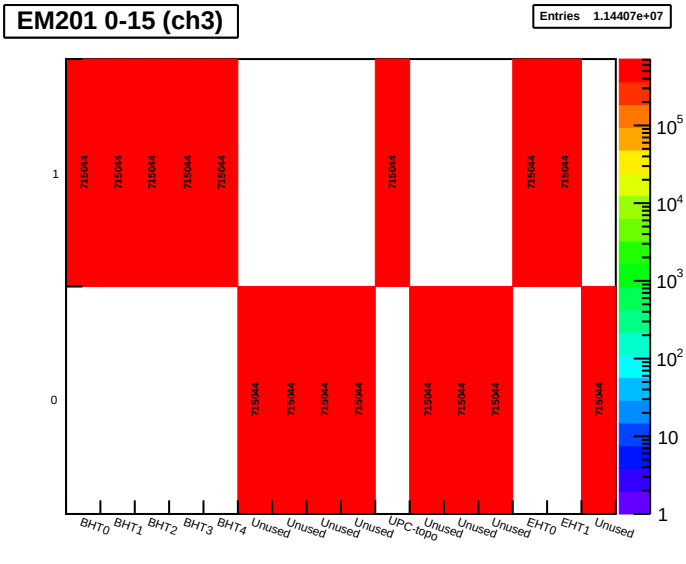

ST201 0-15 (ch6)
Entries 1.14407e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
715044
715044
715044
715044
715044
715044
715044
715044
715044
715044
715044
715044
715044
715044
715043
715029
1
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

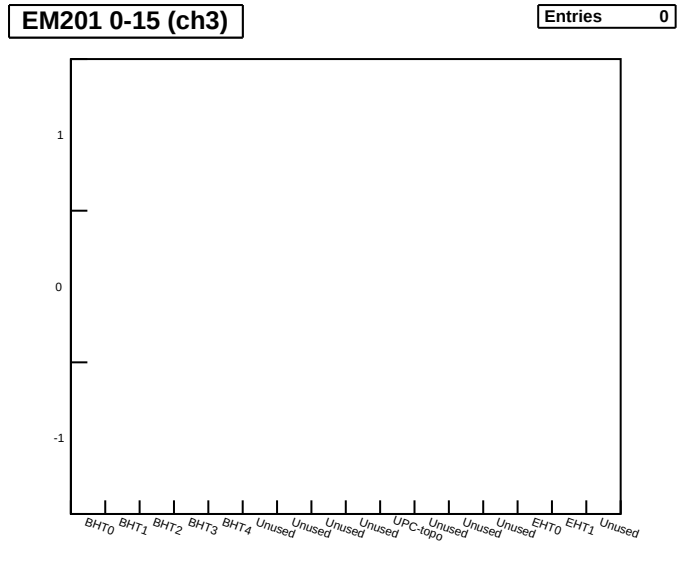

TF201 0-15 (ch0)
Entries 1.14407e+07
1
0
715044 715044 715044 7414 85533 106041 244873 715044 127616 127962 132679 715044
715044 707630 629511 609003 470171 587428 597082 582365 715044 715044 715044
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 1.14407e+07
1
0
545150 268315 111956 202459 6520 8952 714201 704758 703316 714763 715044 68187 15377 409534 348437 166148
169894 446729 603088 512585 708524 706092 843 10286 11728 281 646857 699667 305510 366607 548896
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 1.14407e+07
1
0
715044 715044 715044 715044 715044 715044 715044 715044 715044 715044 715044 715044 715044 715044 715044 715044 715044
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