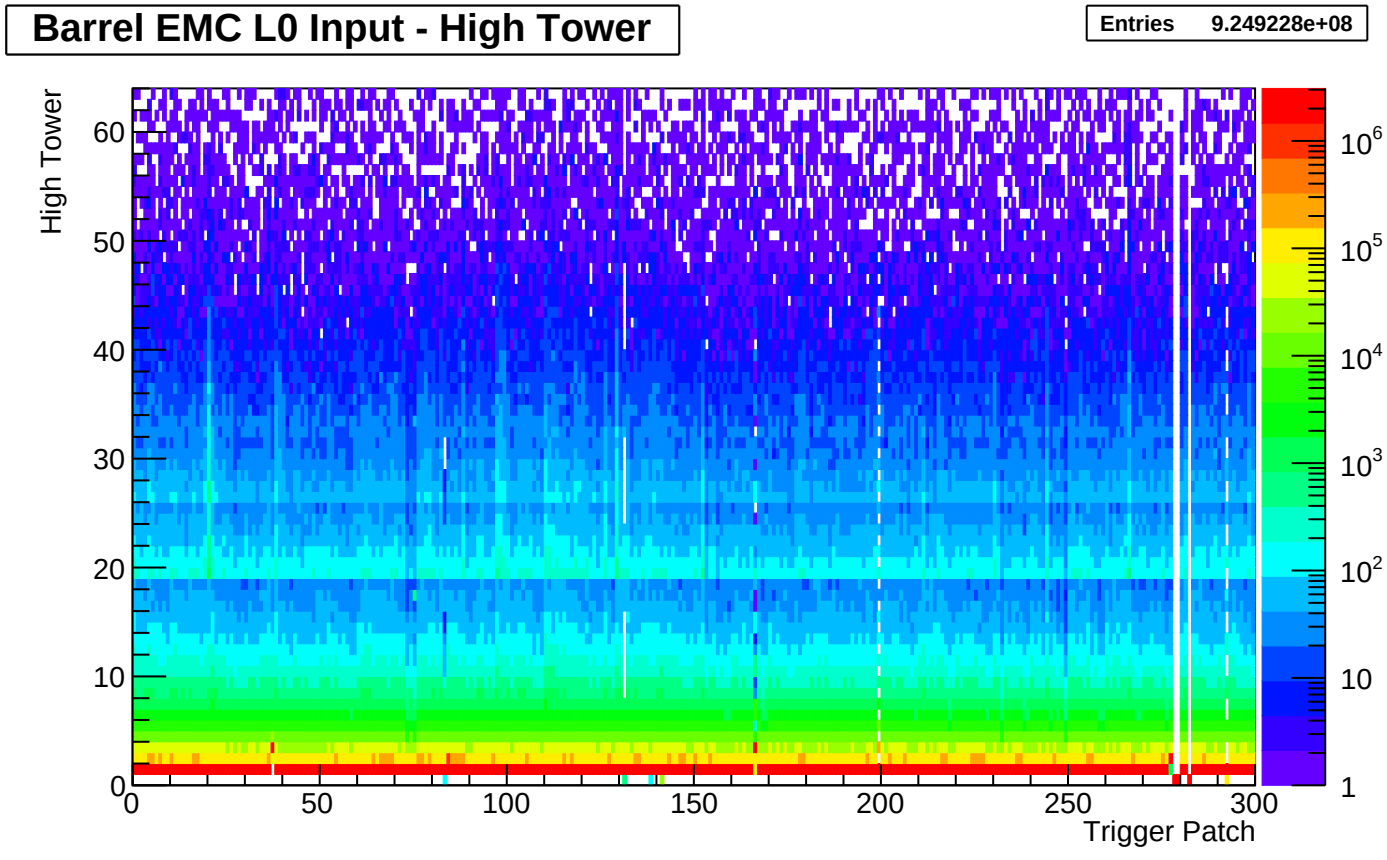
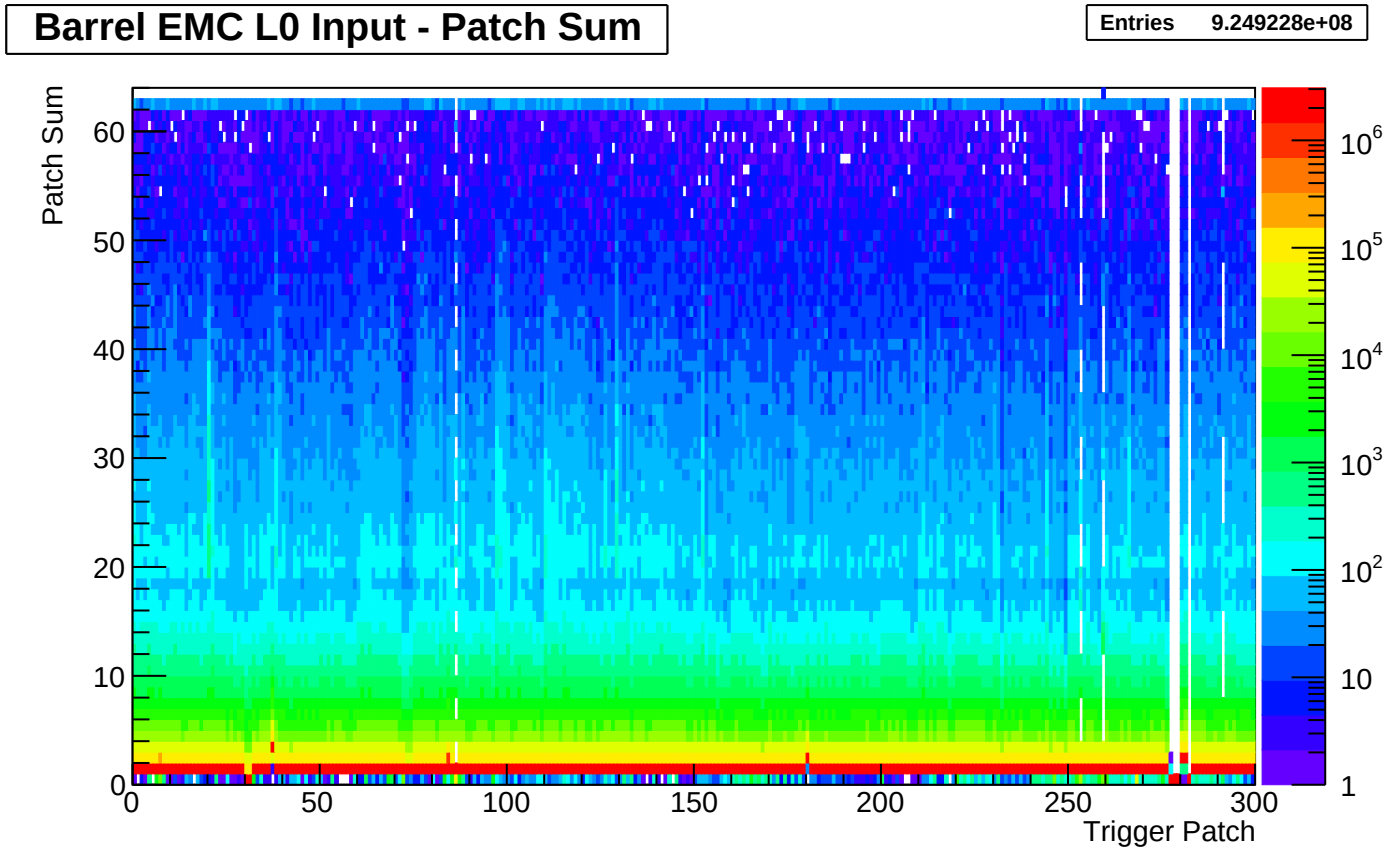
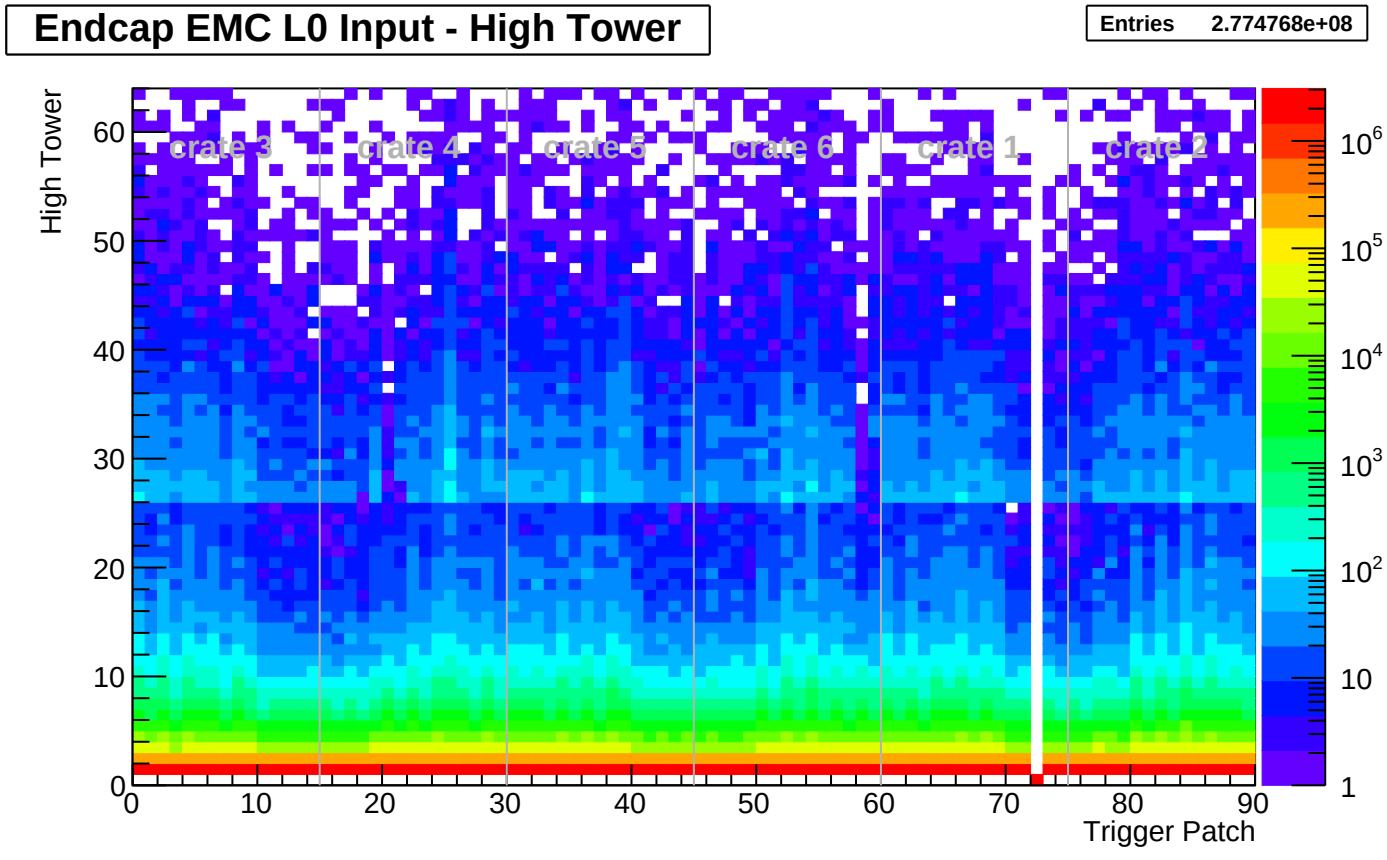
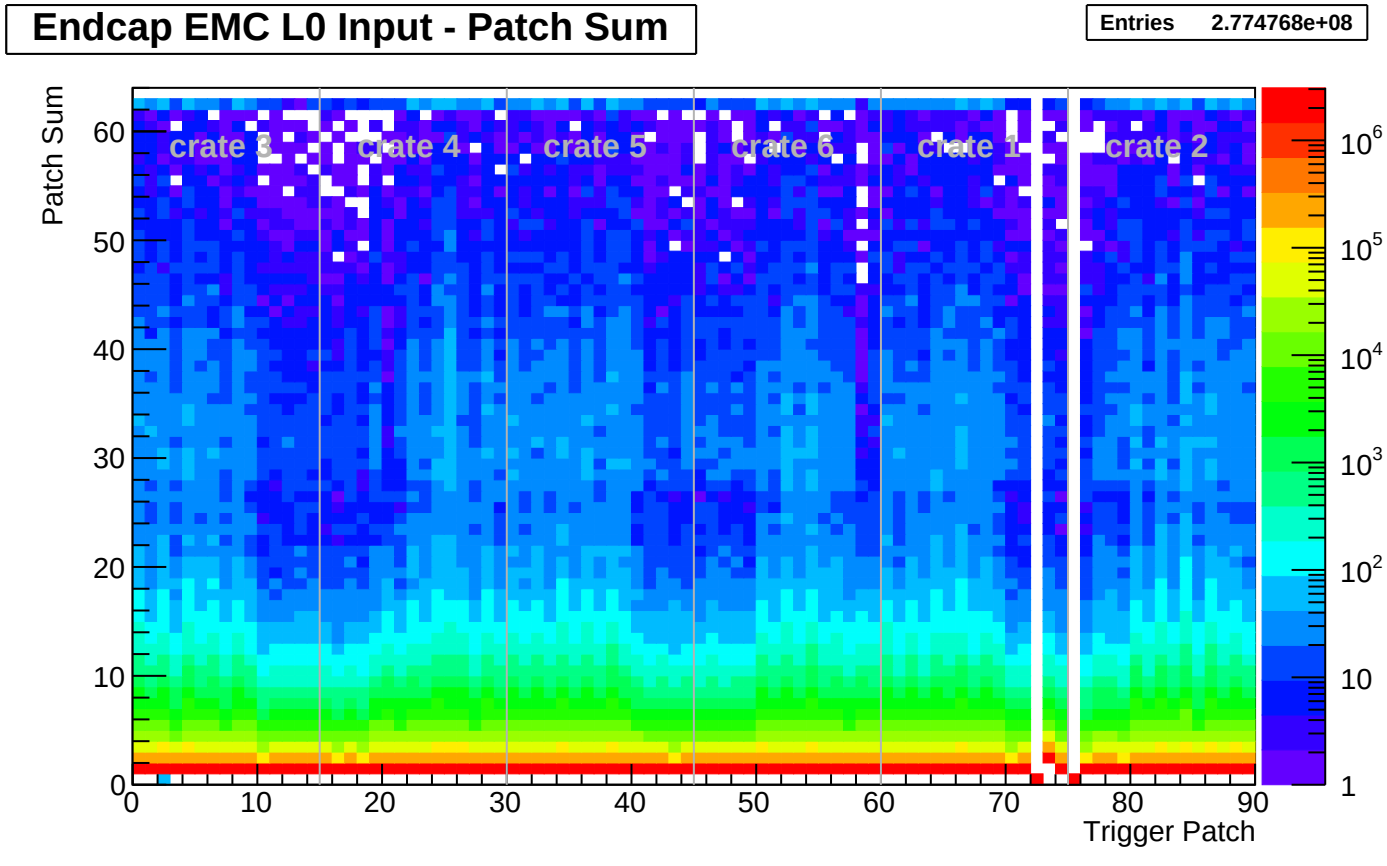
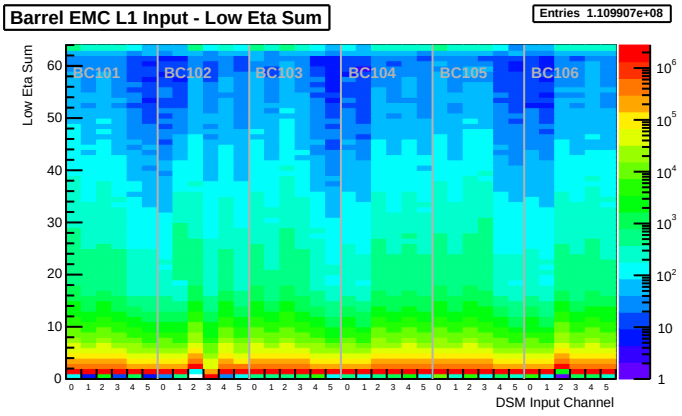
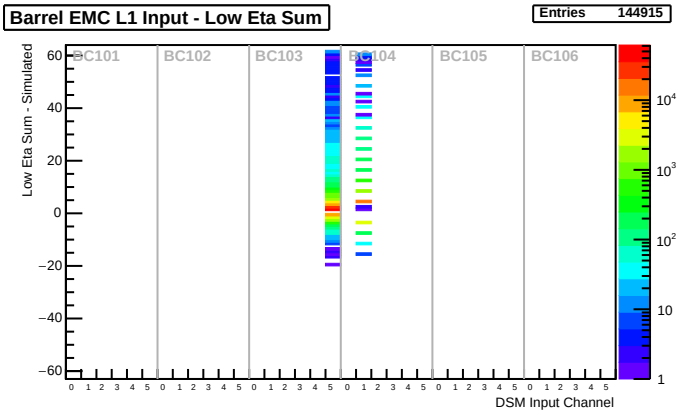

Barrel EMC L0 Input - High Tower
Entries 9.249228e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

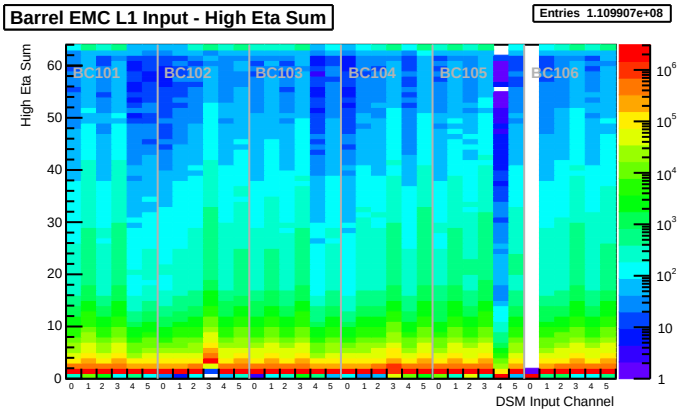

Barrel EMC L0 Input - Patch Sum
Entries 9.249228e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

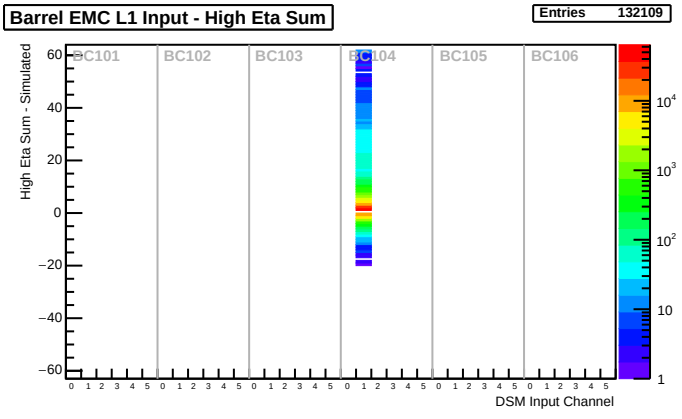

Endcap EMC L0 Input - High Tower
Entries 2.774768e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

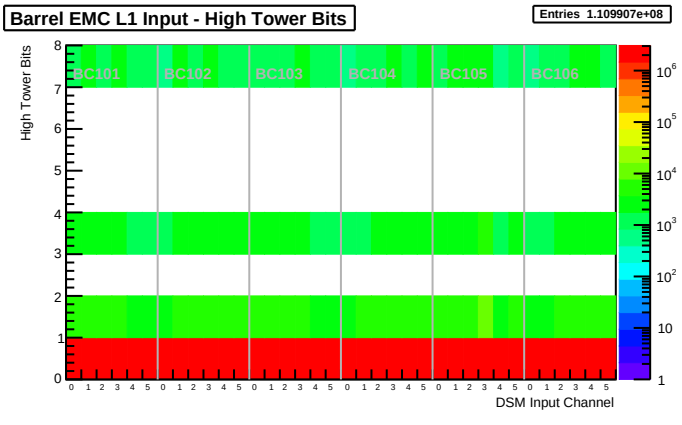

Endcap EMC L0 Input - Patch Sum
Entries 2.774768e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

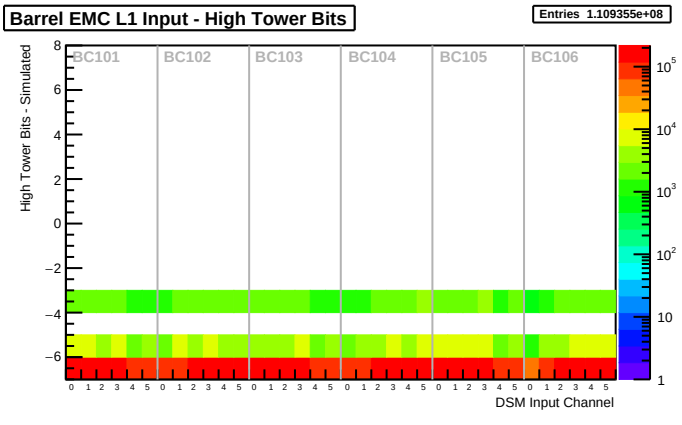

Barrel EMC L1 Input - Low Eta Sum
Entries 1.109907e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

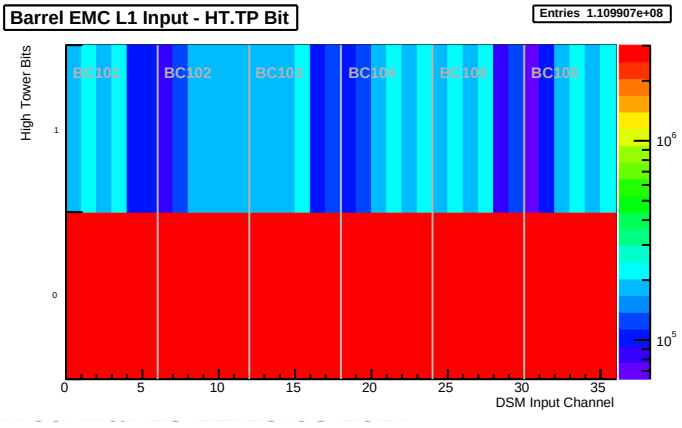

Barrel EMC L1 Input - Low Eta Sum
Entries 144915
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

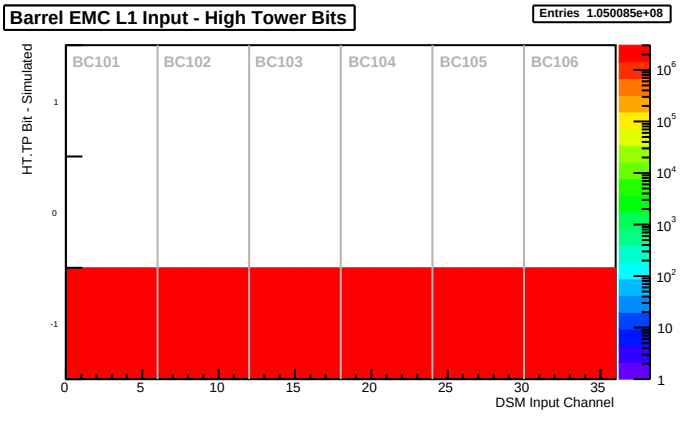

Barrel EMC L1 Input - High Eta Sum
Entries 1.109907e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

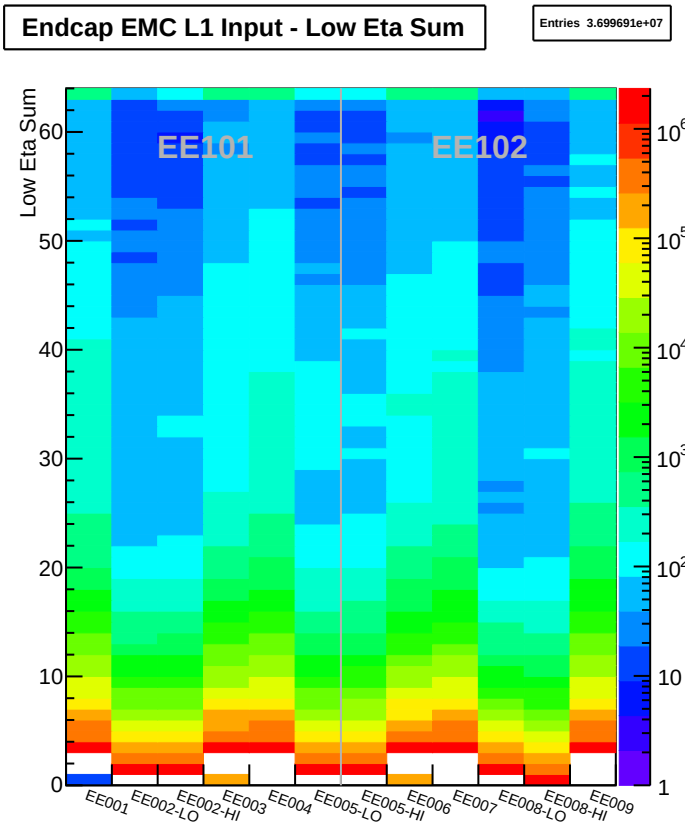

Barrel EMC L1 Input - High Eta Sum
Entries 132109
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

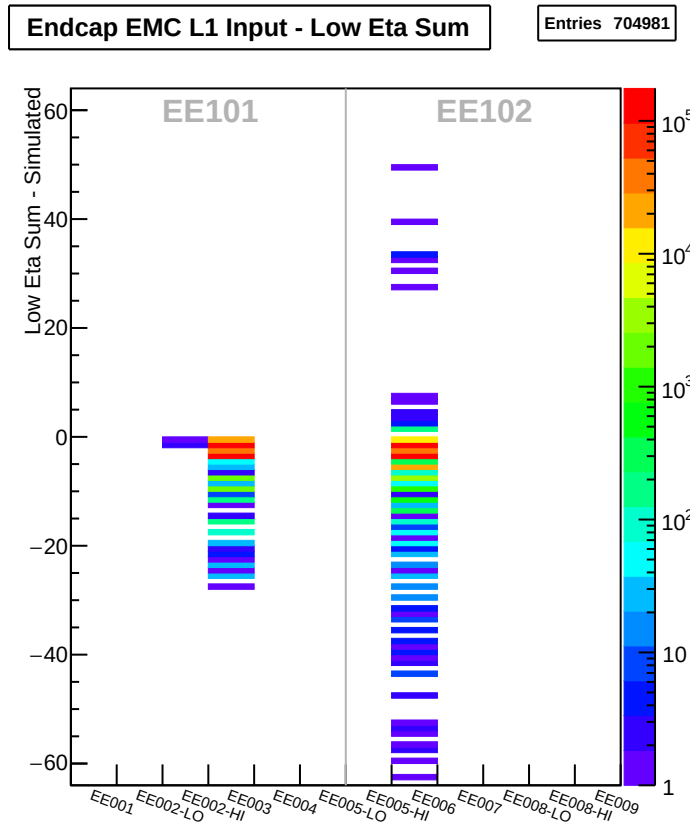

Barrel EMC L1 Input - High Tower Bits
Entries 1.109907e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

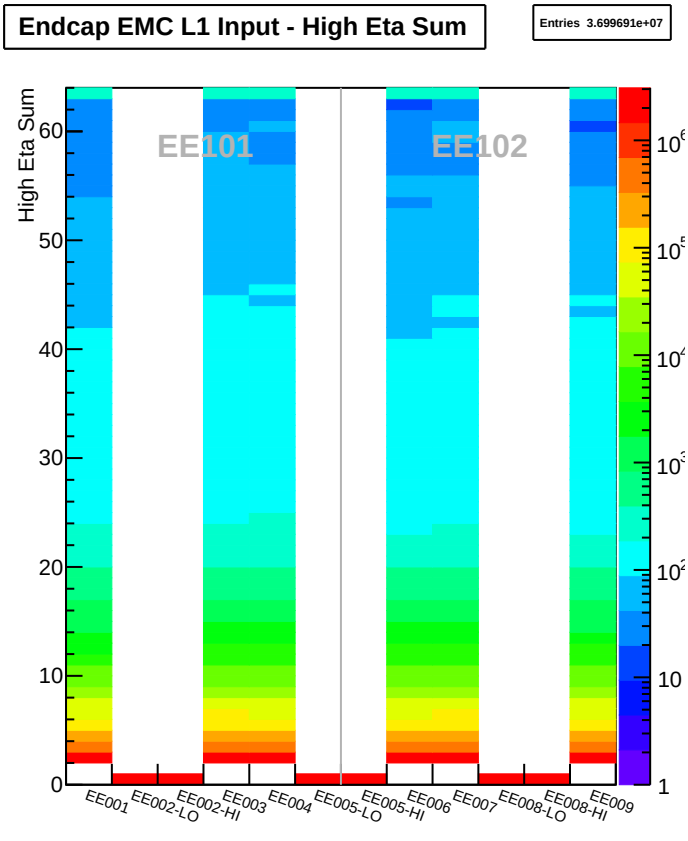

Barrel EMC L1 Input - High Tower Bits
Entries 1.109355e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

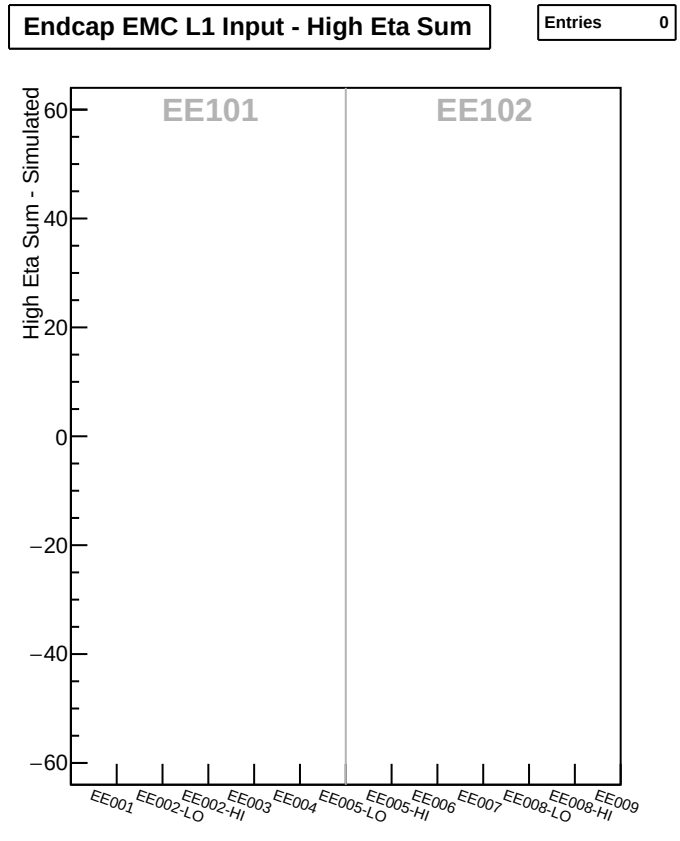

Barrel EMC L1 Input - HT.TP Bit
Entries 1.109907e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

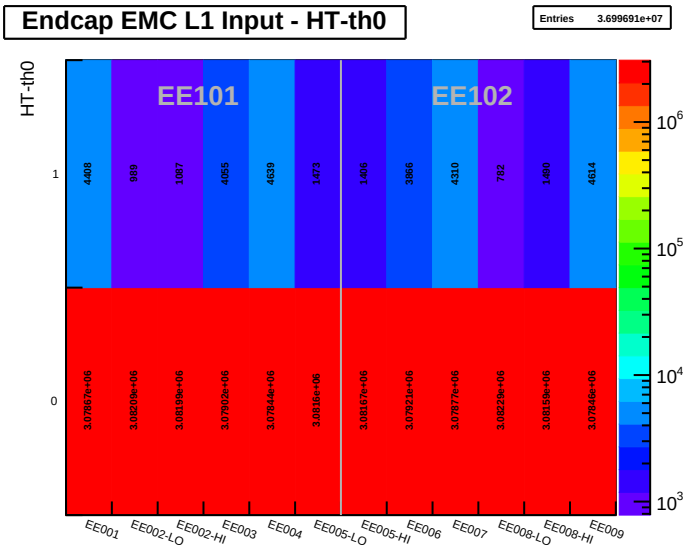

Barrel EMC L1 Input - High Tower Bits
Entries 1.050085e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

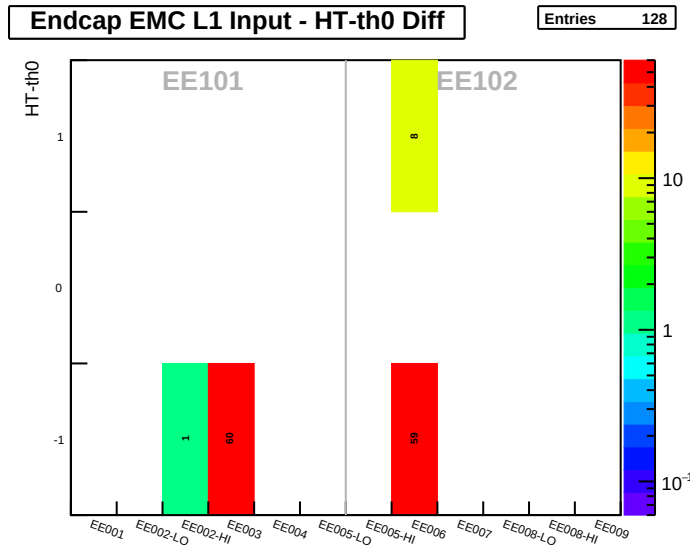

Endcap EMC L1 Input - Low Eta Sum
Entries 3.699691e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

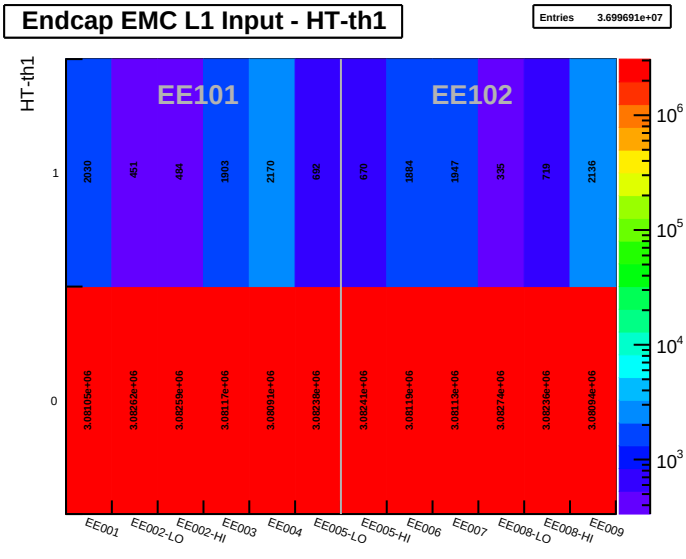

Endcap EMC L1 Input - Low Eta Sum
Entries 704981
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

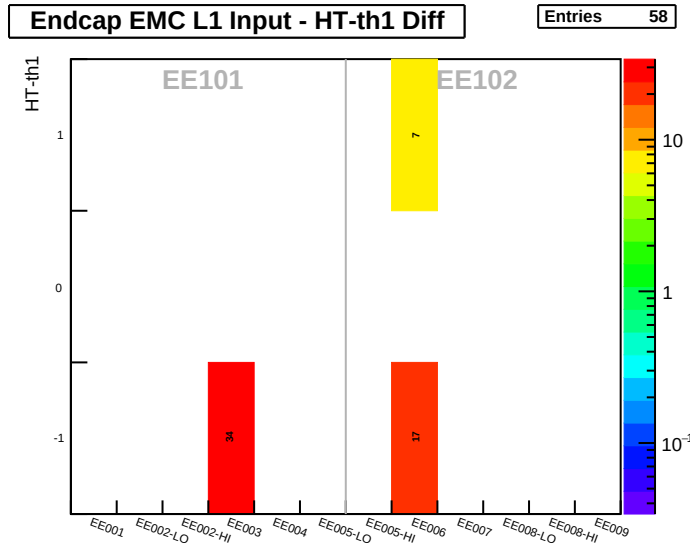

Endcap EMC L1 Input - High Eta Sum
Entries 3.699691e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

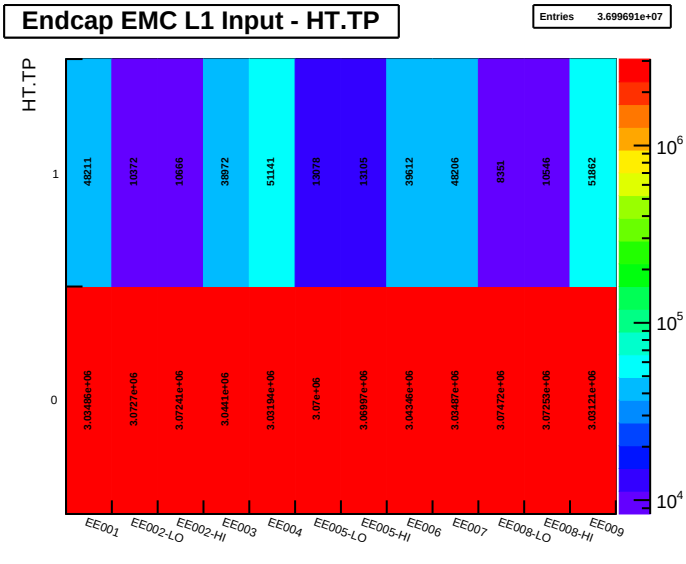

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

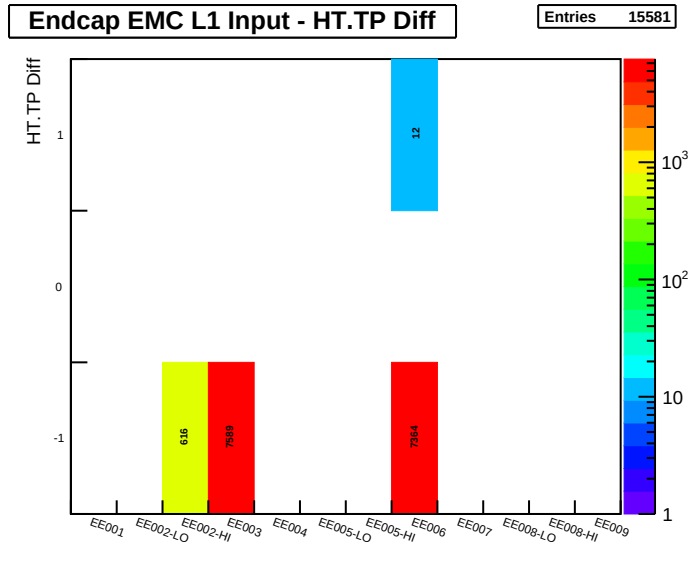

Endcap EMC L1 Input - HT-th0
Entries 3.699691e+07
HT-th0
EE101
EE102
1
0
4408
989
1087
4055
4639
1473
1406
3866
4310
782
1480
4614
3.07867e+06
3.08209e+06
3.08199e+06
3.07902e+06
3.07844e+06
3.0816e+06
3.08167e+06
3.07921e+06
3.07877e+06
3.08229e+06
3.08159e+06
3.07846e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

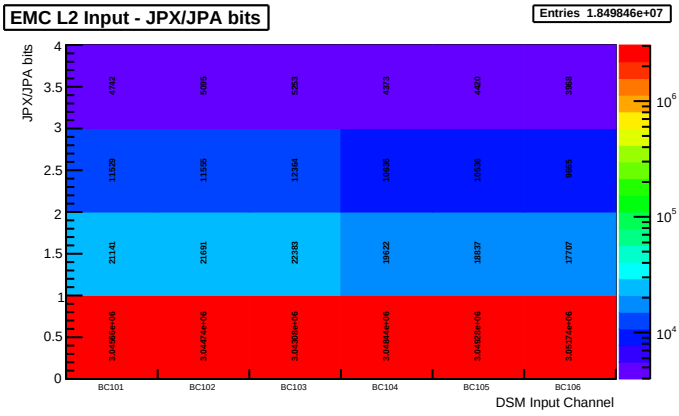

Endcap EMC L1 Input - HT-th0 Diff
Entries 128
HT-th0
EE101
EE102
1
0
-1
8
1
60
59
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10
1
10^{-1}

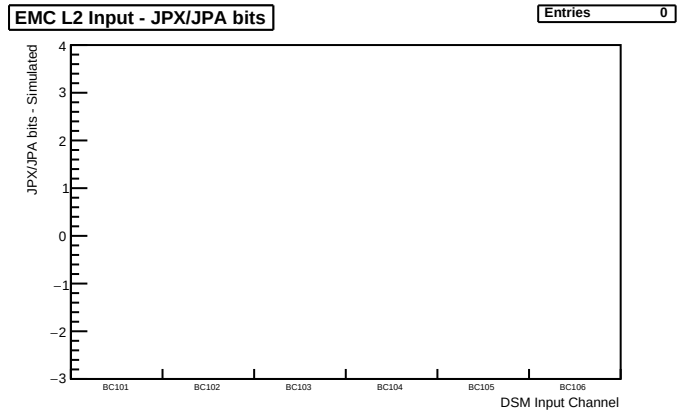

Endcap EMC L1 Input - HT-th1
Entries 3.699691e+07
HT-th1
EE101
EE102
1
0
2030
451
484
1903
2170
692
670
1884
1947
335
719
2136
3.08105e+06
3.08262e+06
3.08238e+06
3.08117e+06
3.08091e+06
3.08238e+06
3.08241e+06
3.08119e+06
3.08113e+06
3.08274e+06
3.08236e+06
3.08094e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

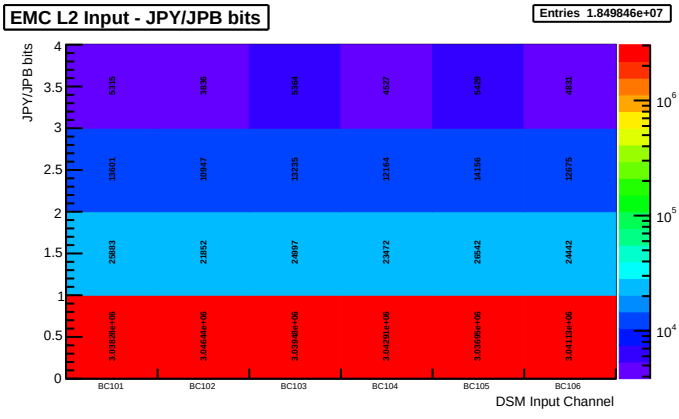

Endcap EMC L1 Input - HT-th1 Diff
Entries 58
HT-th1
EE101
EE102
1
0
-1
7
34
17
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10
1
10^{-1}

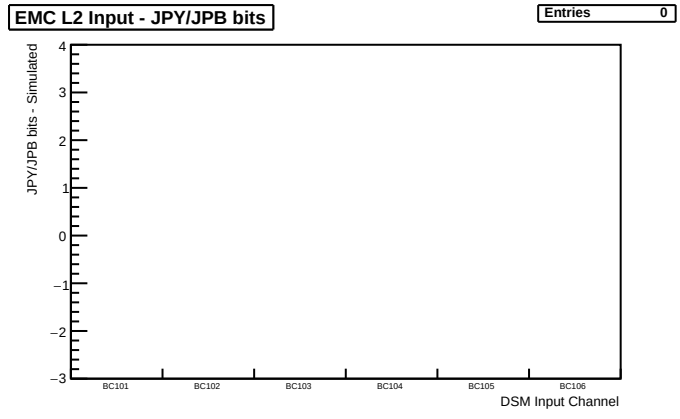

Endcap EMC L1 Input - HT.TP
Entries 3.699691e+07
HT.TP
1
0
48211
10372
10666
38972
51141
13078
13105
39612
48206
8351
10546
51862
3.03486e+06
3.0727e+06
3.07241e+06
3.0441e+06
3.03194e+06
3.07e+06
3.06997e+06
3.04346e+06
3.03487e+06
3.07472e+06
3.07253e+06
3.03121e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4

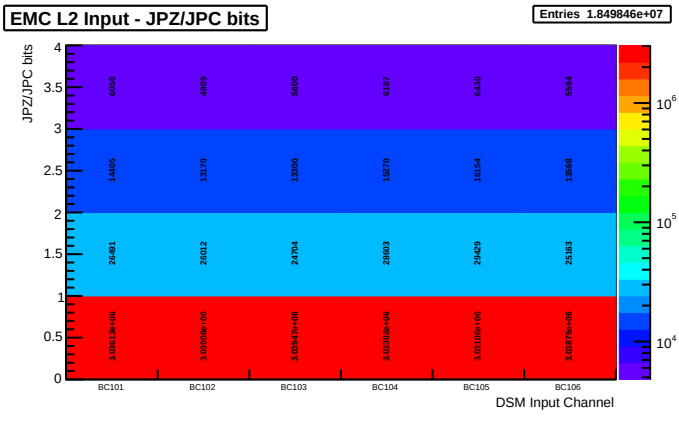

Endcap EMC L1 Input - HT.TP Diff
Entries 15581
HT.TP Diff
1
0
-1
12
616
7589
7364
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^3
10^2
10
1

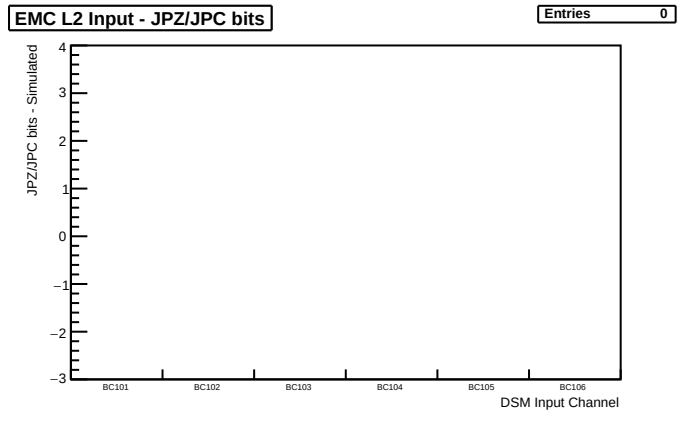

EMC L2 Input - JPX/JPA bits
Entries 1.849846e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

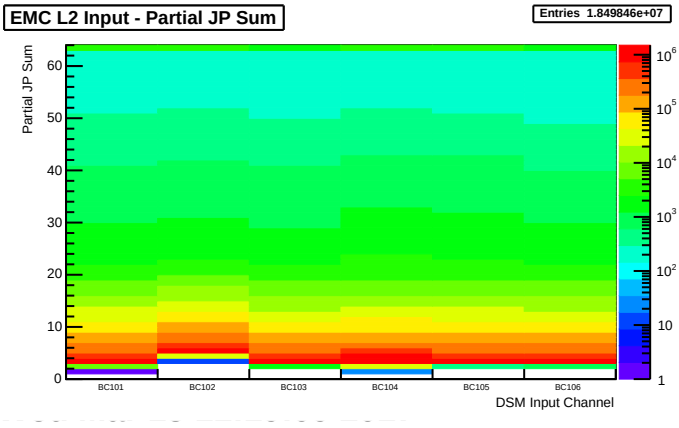

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

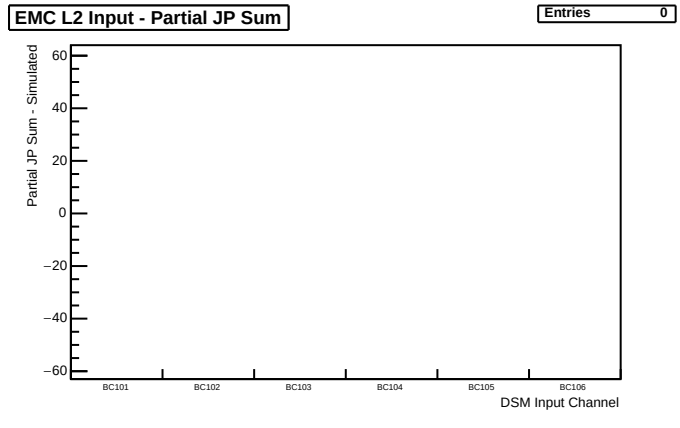

EMC L2 Input - JPY/JPB bits
Entries 1.849846e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

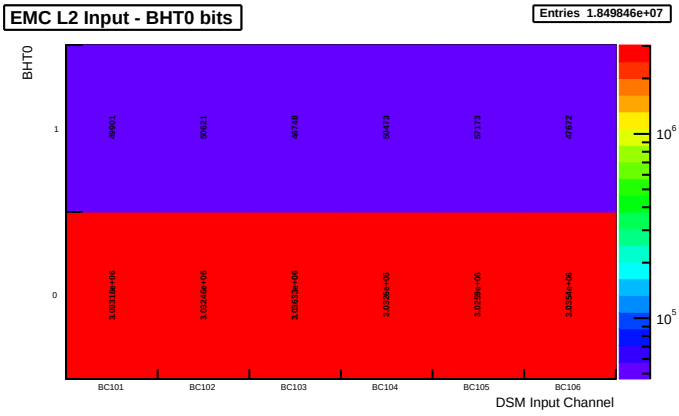

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

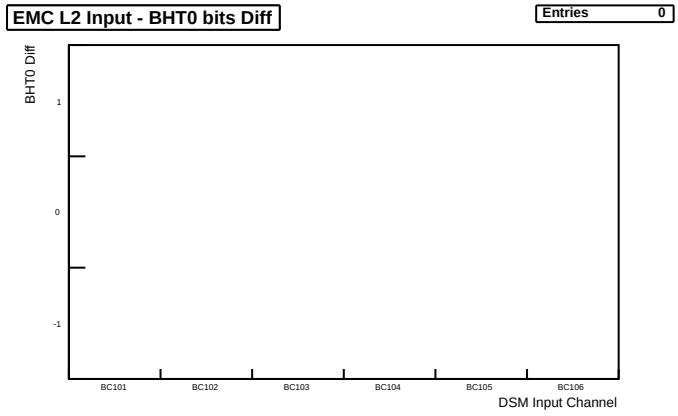

EMC L2 Input - JPZ/JPC bits
Entries 1.849846e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

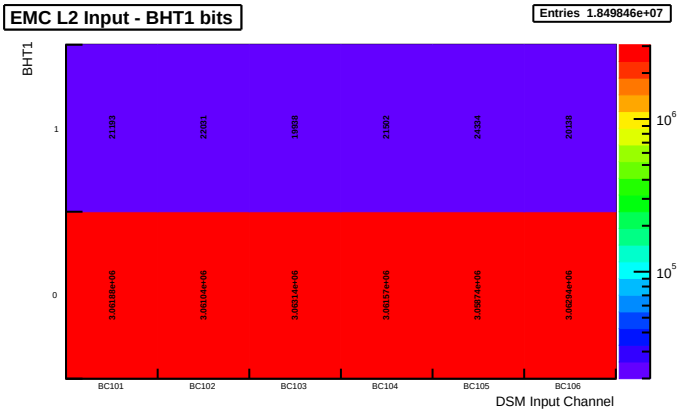

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

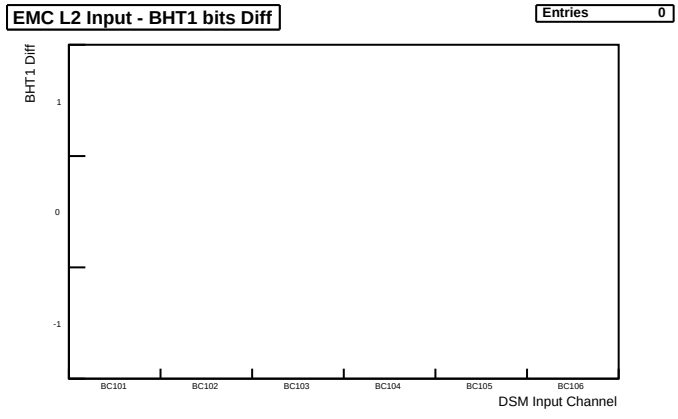

EMC L2 Input - Partial JP Sum
Entries 1.849846e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

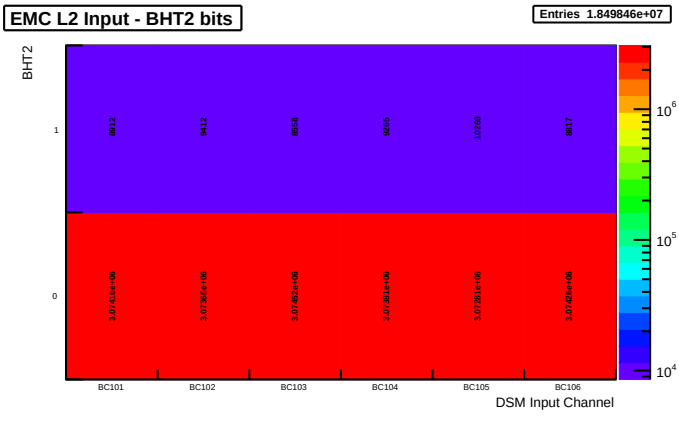

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

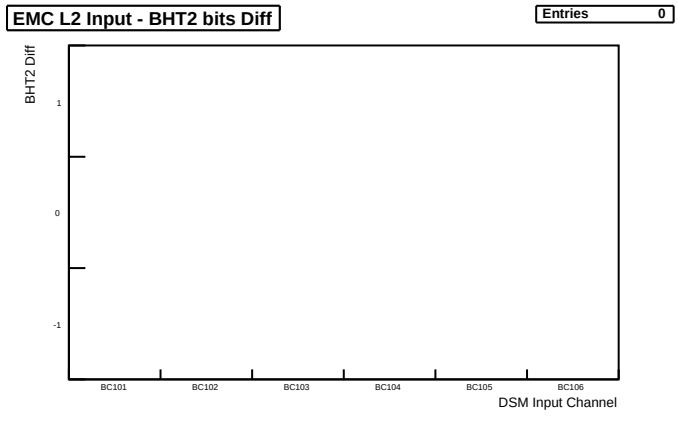

EMC L2 Input - BHT0 bits
Entries 1.849846e+07
BHT0
DSM Input Channel

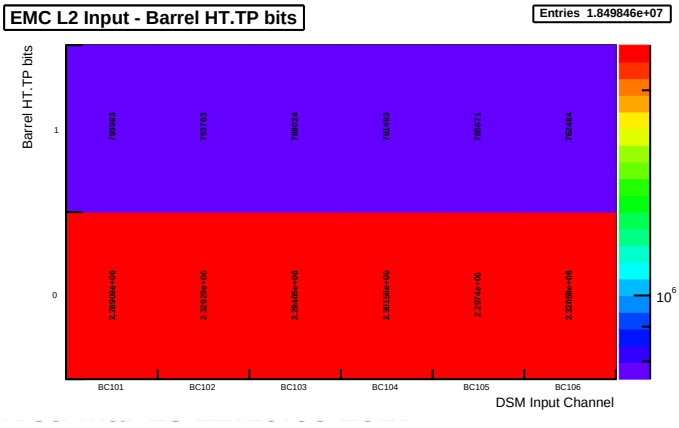

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel

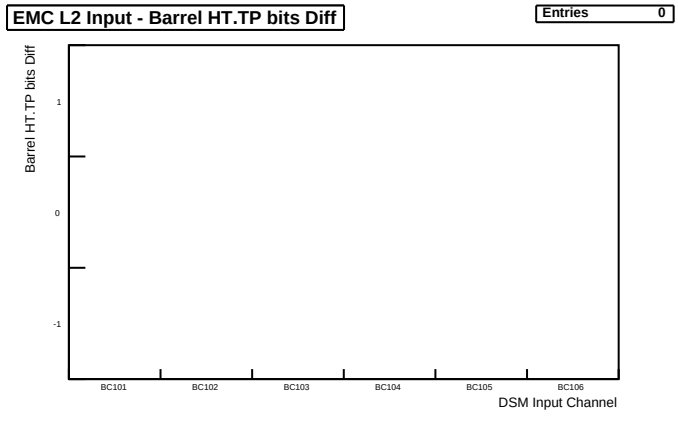

EMC L2 Input - BHT1 bits
Entries 1.849846e+07
BHT1
DSM Input Channel

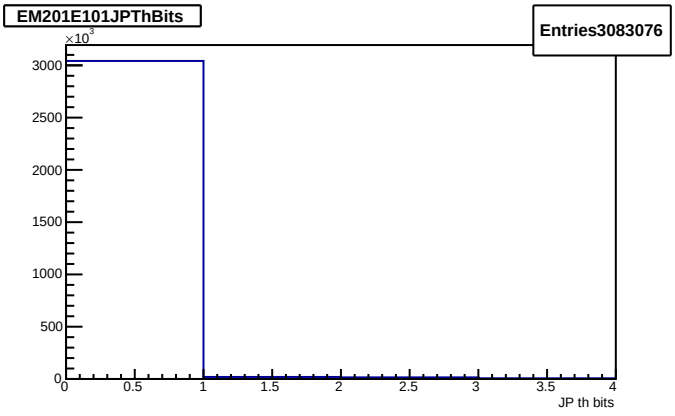

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel

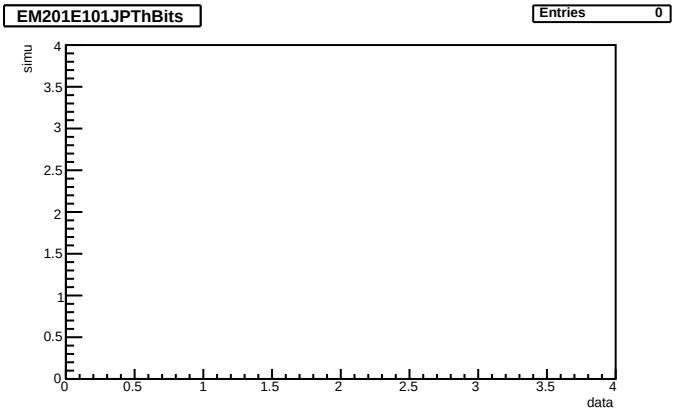

EMC L2 Input - BHT2 bits
Entries 1.849846e+07
BHT2
DSM Input Channel

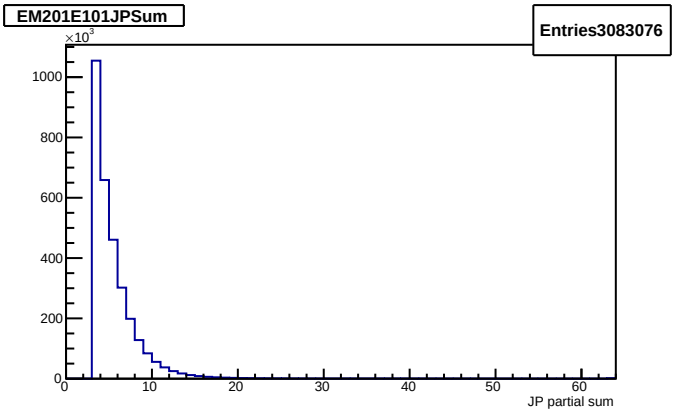

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel

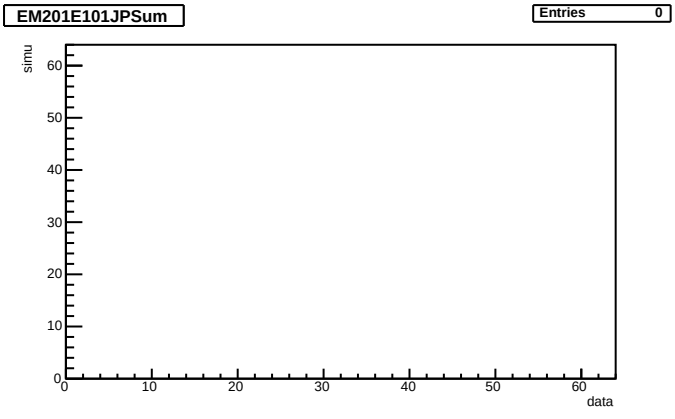

EMC L2 Input - Barrel HT.TP bits
Entries 1.849846e+07
Barrel HT.TP bits
DSM Input Channel

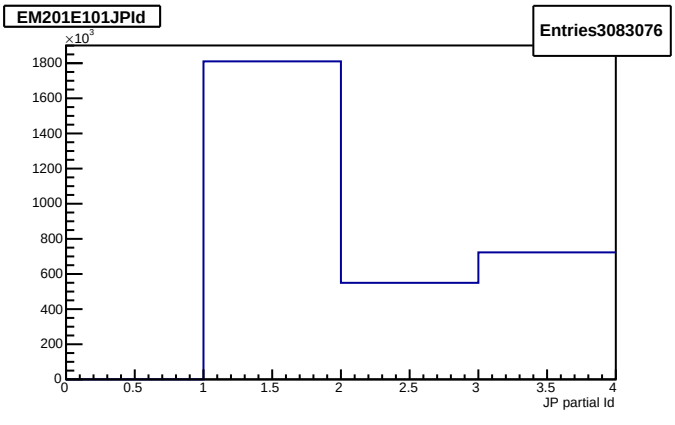

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel

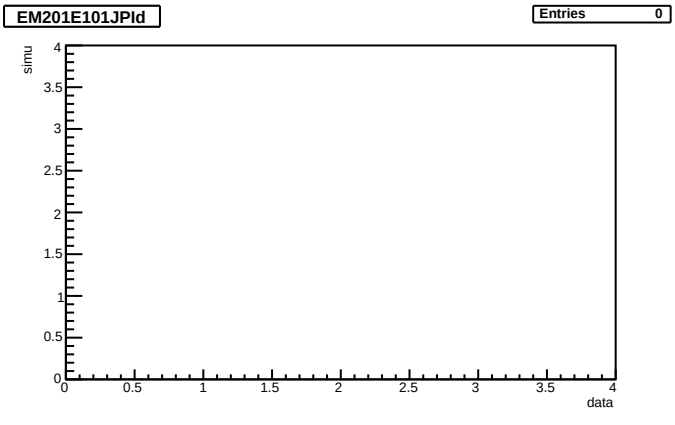

EM201E101JPThBits
Entries3083076
×10^3
JP th bits

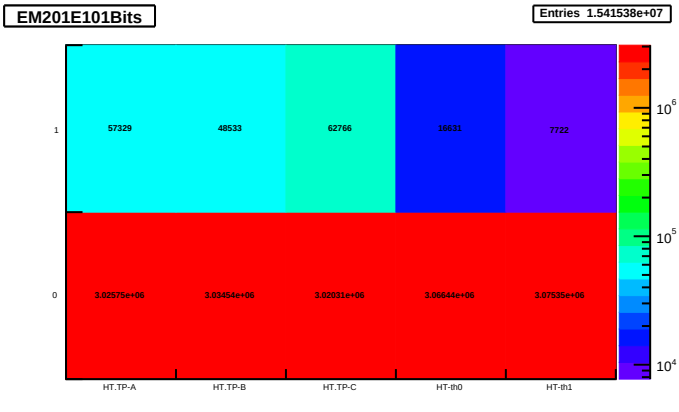

EM201E101JPThBits
Entries 0
simu
data

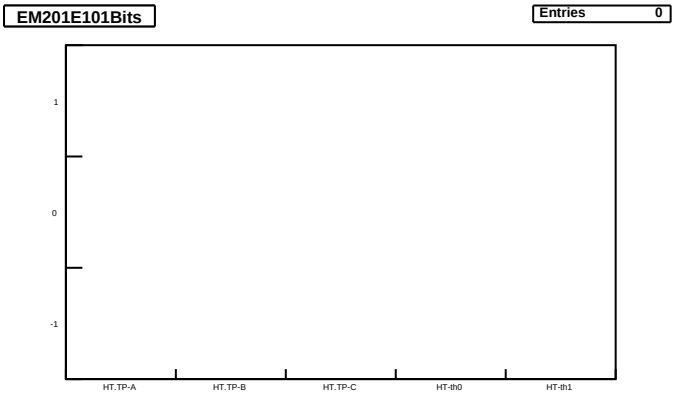

EM201E101JPSum
Entries3083076
×10^3
JP partial sum

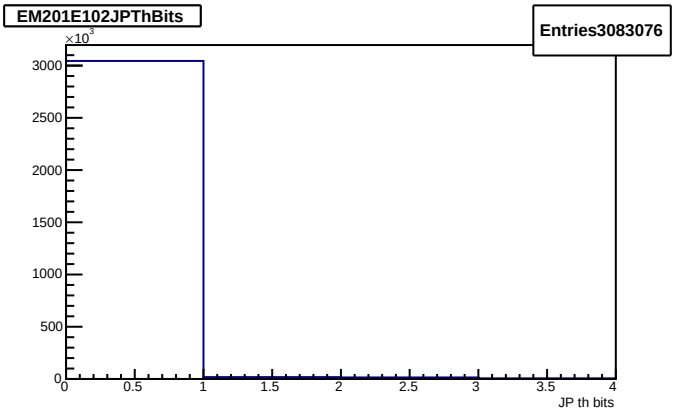

EM201E101JPSum
Entries 0
simu
data

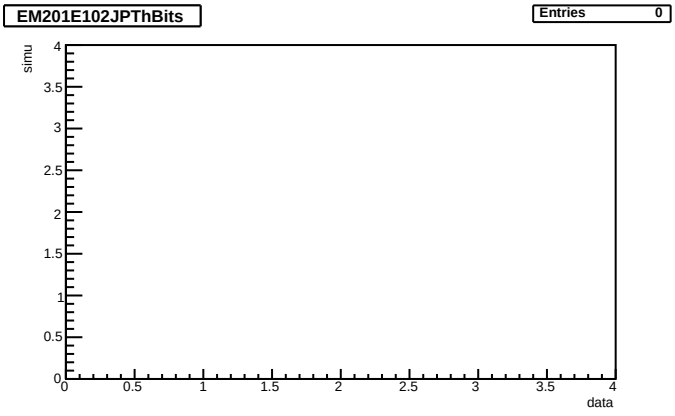

EM201E101JPId
Entries3083076
×10^3
JP partial Id

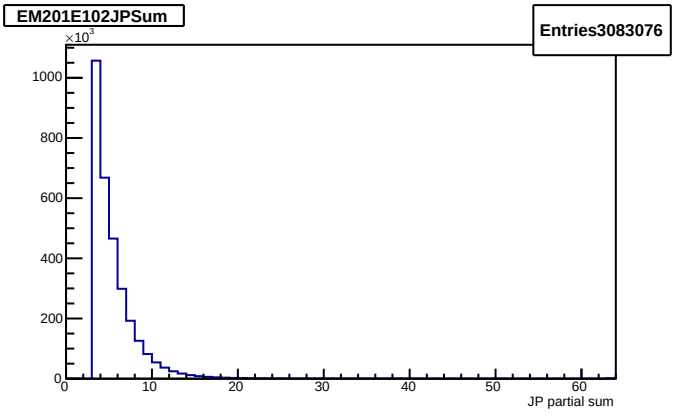

EM201E101JPId
Entries 0
simu
data

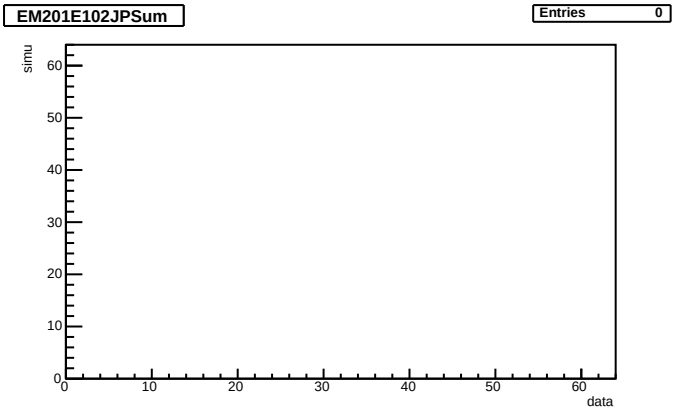

EM201E101Bits
Entries 1.541538e+07
57329
48533
62766
10631
7722
3.02575e+06
3.03454e+06
3.02031e+06
3.06644e+06
3.07535e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

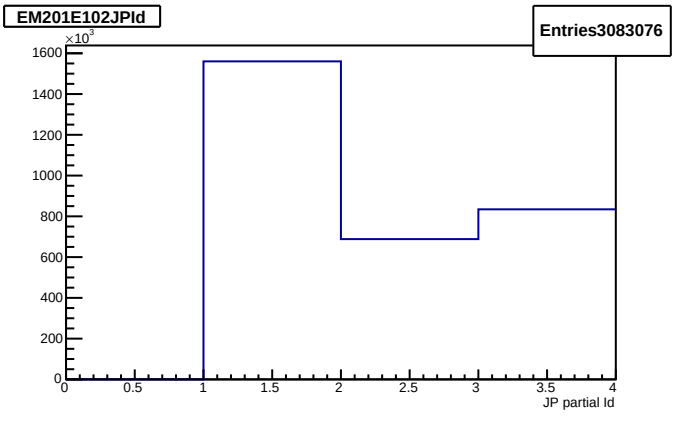

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

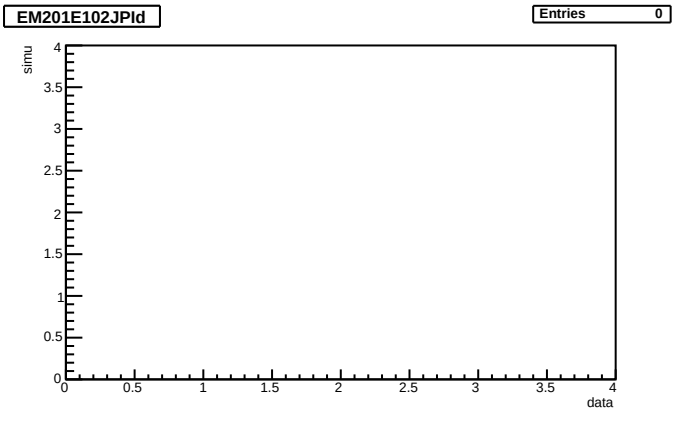

EM201E102JPThBits
Entries3083076
×10^3
JP th bits

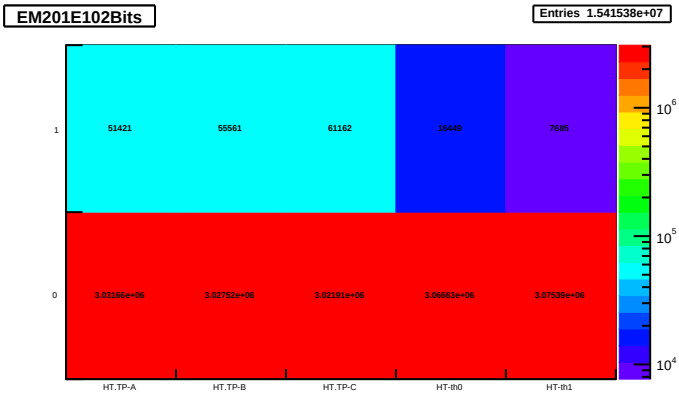

EM201E102JPThBits
Entries 0
simu
data

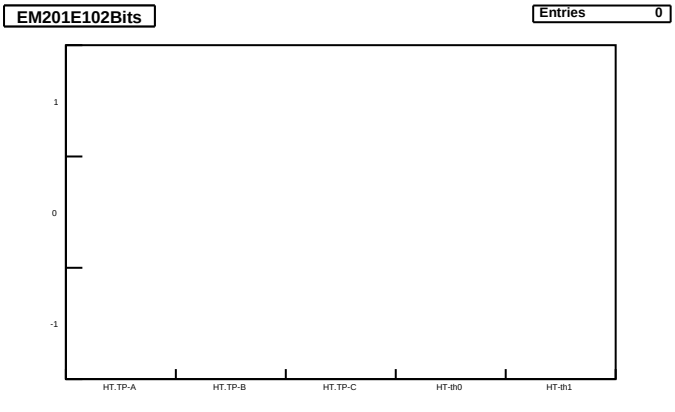

EM201E102JPSum
Entries3083076
×10^3
JP partial sum

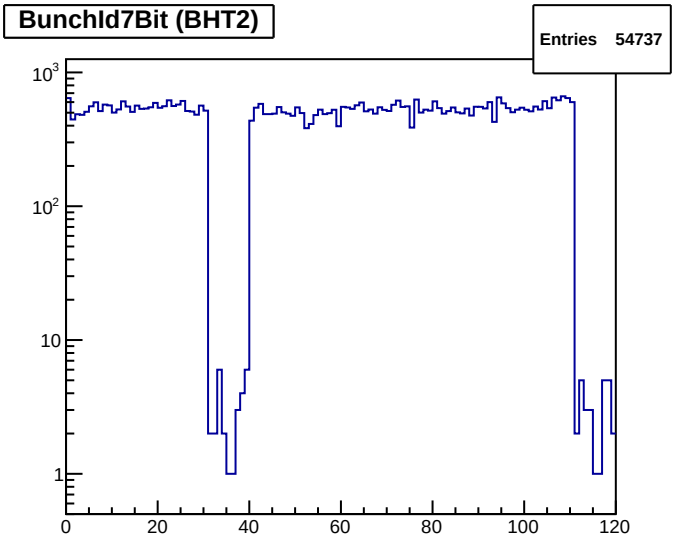

EM201E102JPSum
Entries 0
simu
data

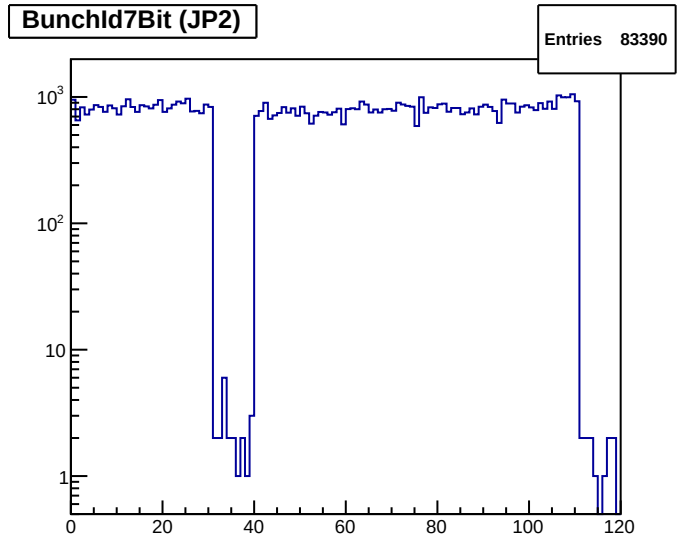

EM201E102JPId
Entries3083076
×10^3
JP partial Id

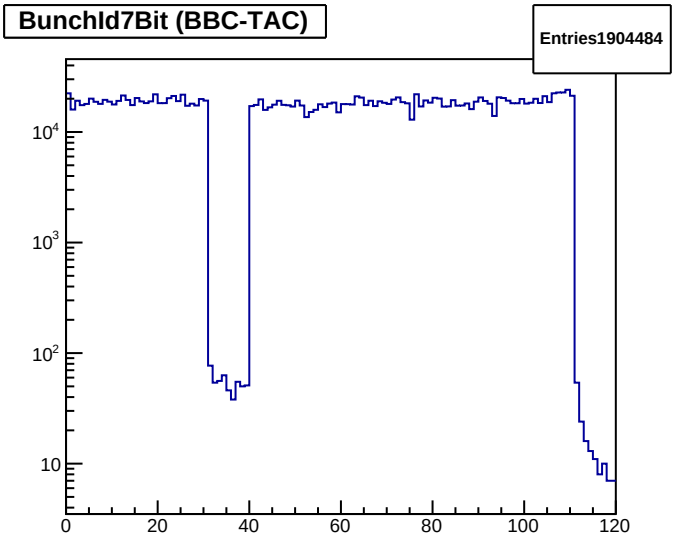

EM201E102JPId
Entries 0
simu
data

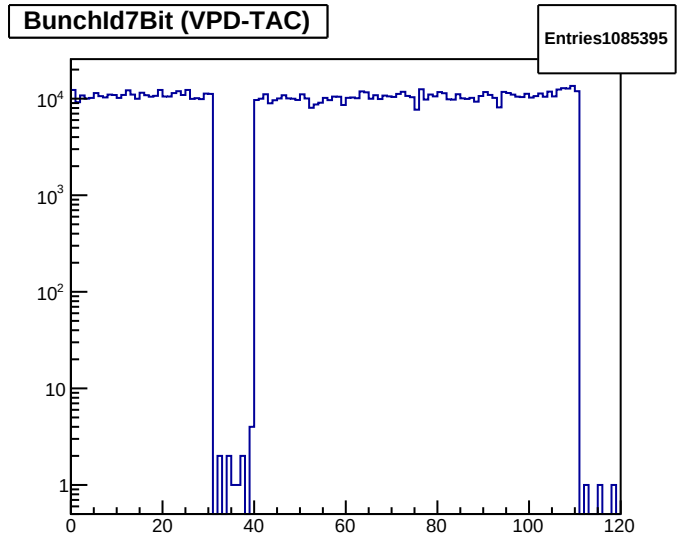

EM201E102Bits
Entries 1.541538e+07
51421
55561
61162
16449
7685
3.03166e+06
3.02752e+06
3.02191e+06
3.06663e+06
3.07539e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

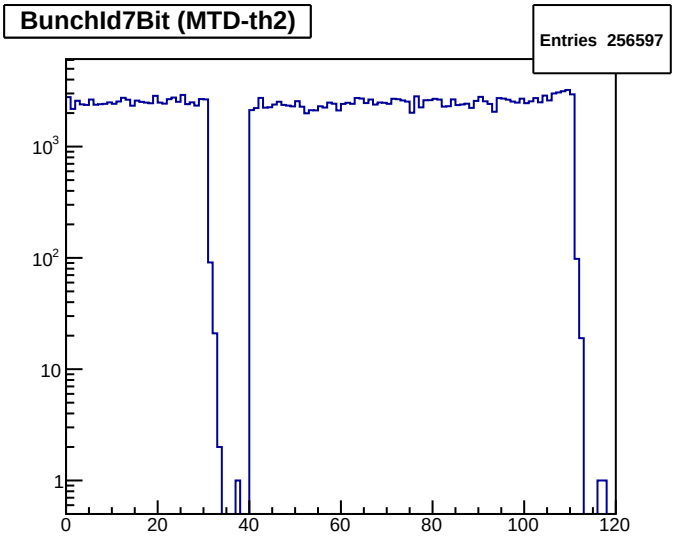

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

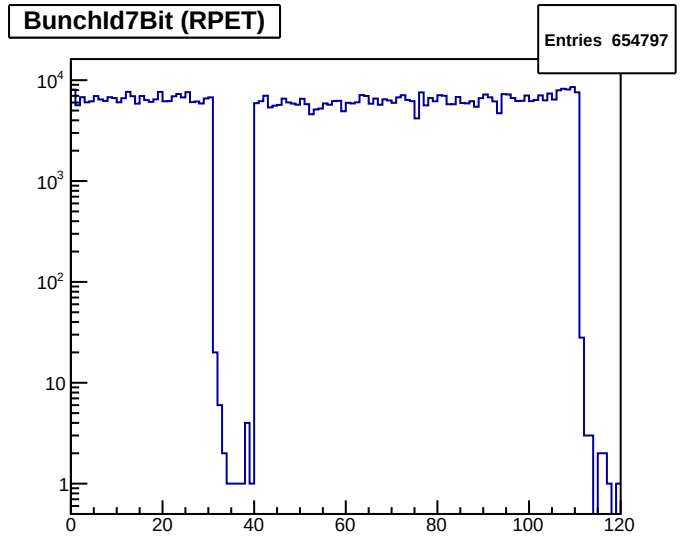

BunchId7Bit (BHT2)
Entries 54737

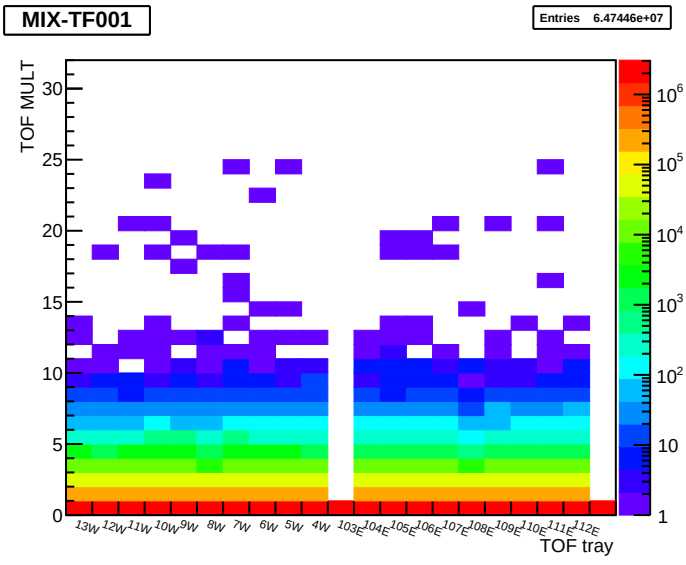

BunchId7Bit (JP2)
Entries 83390

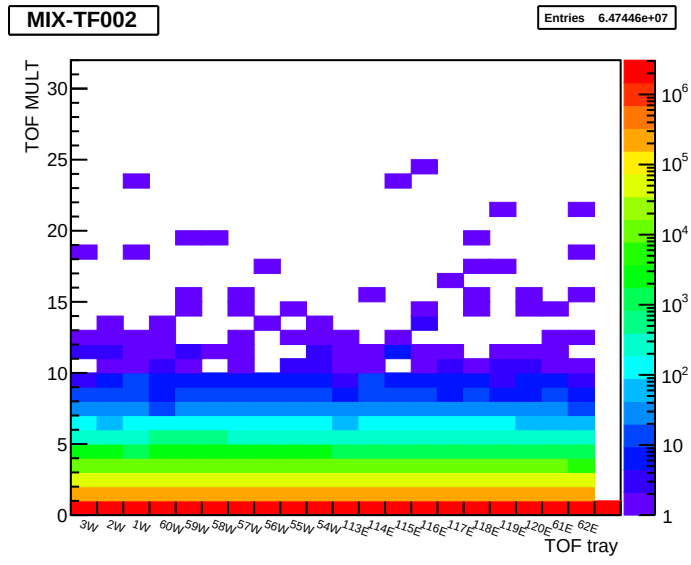

BunchId7Bit (BBC-TAC)
Entries1904484

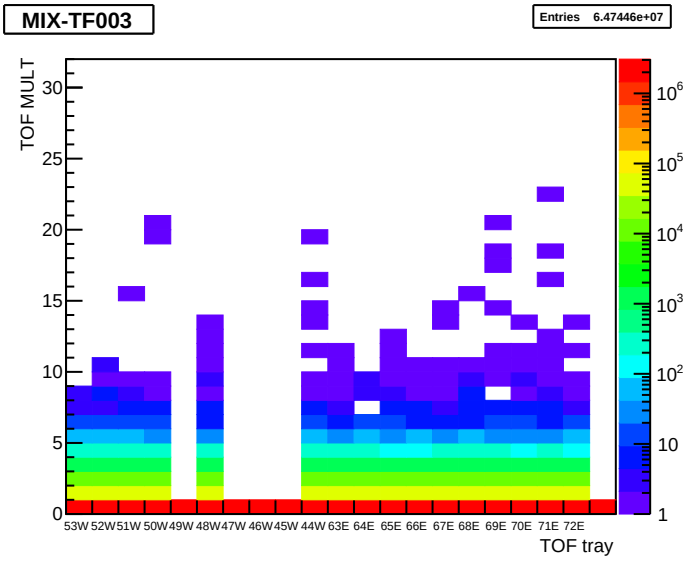

BunchId7Bit (VPD-TAC)
Entries1085395

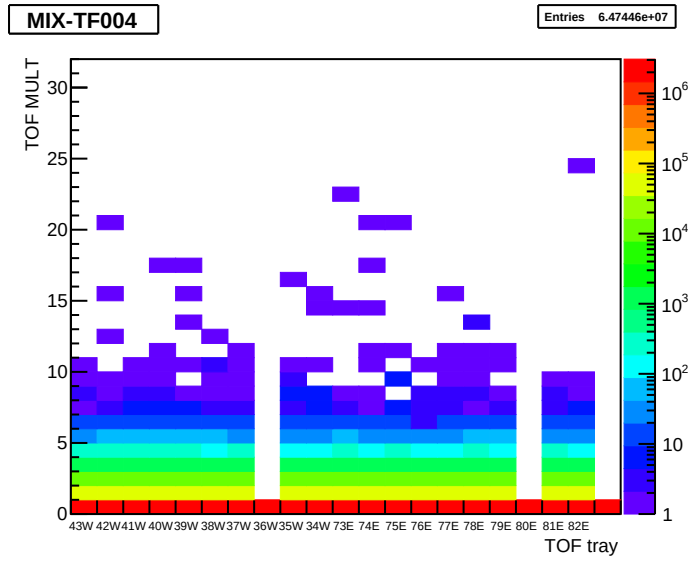

BunchId7Bit (MTD-th2)
Entries 256597

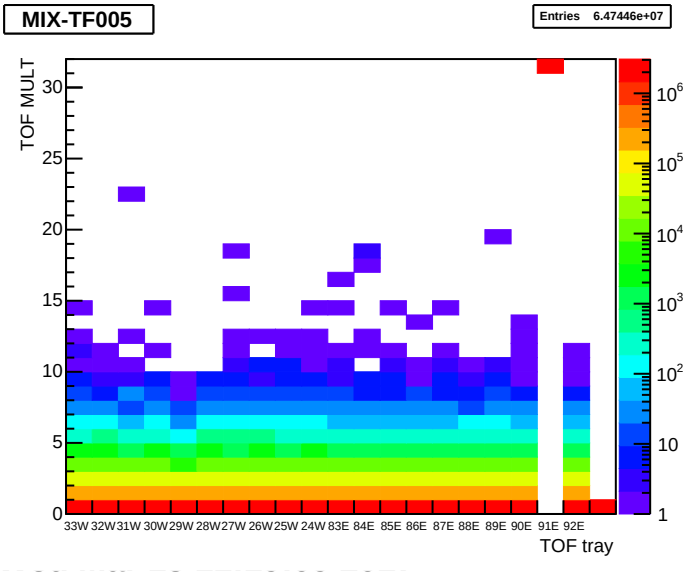

BunchId7Bit (RPET)
Entries 654797

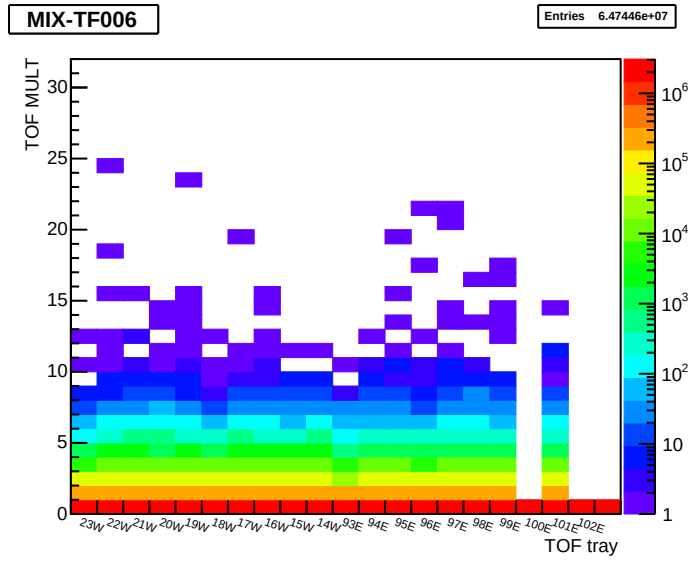

MIX-TF001
Entries 6.47446e+07
TOF MULT
TOF tray

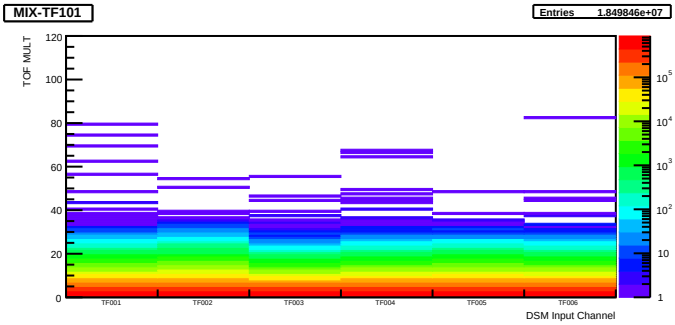

MIX-TF002
Entries 6.47446e+07
TOF MULT
TOF tray

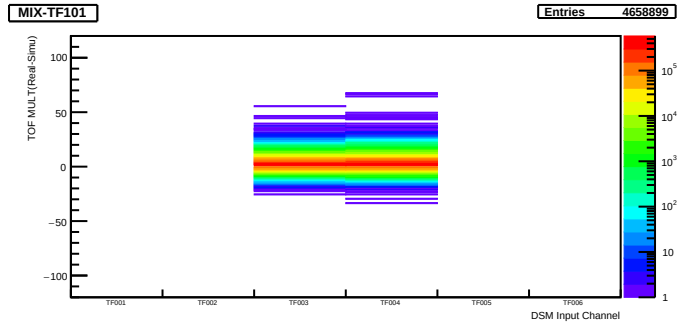

MIX-TF003
Entries 6.47446e+07
TOF MULT
TOF tray

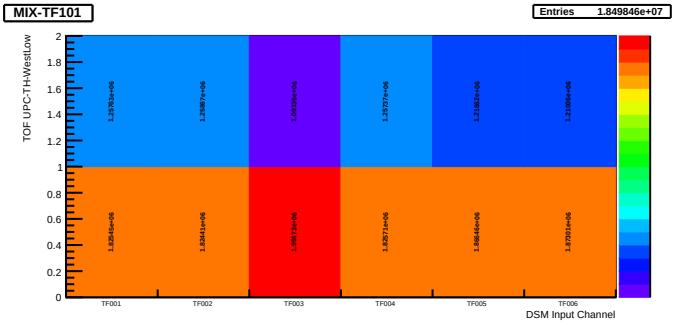

MIX-TF004
Entries 6.47446e+07
TOF MULT
TOF tray

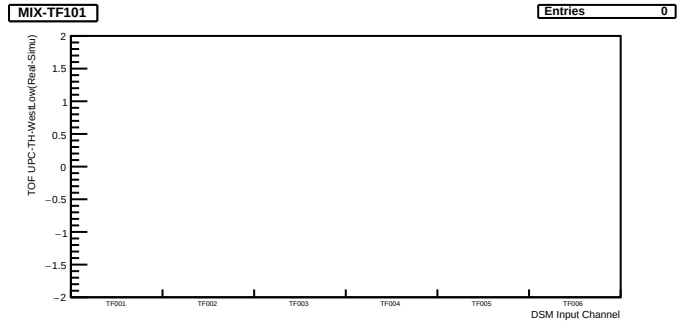

MIX-TF005
Entries 6.47446e+07
TOF MULT
TOF tray

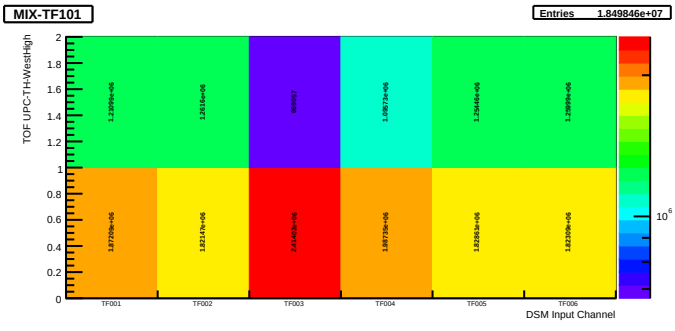

MIX-TF006
Entries 6.47446e+07
TOF MULT
TOF tray

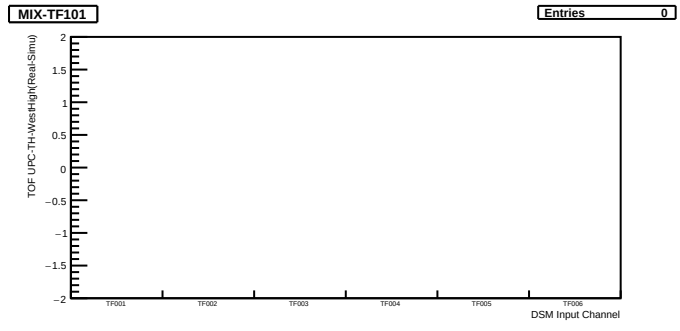

MIX-TF101
Entries 1.849846e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

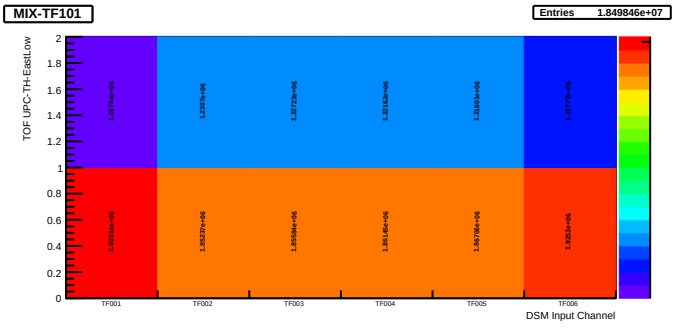

MIX-TF101
Entries 4658899
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

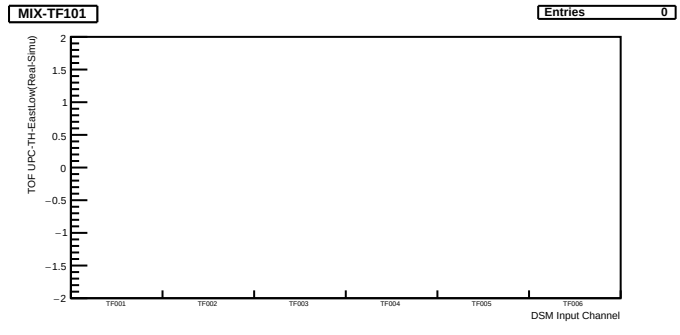

MIX-TF101
Entries 1.849846e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

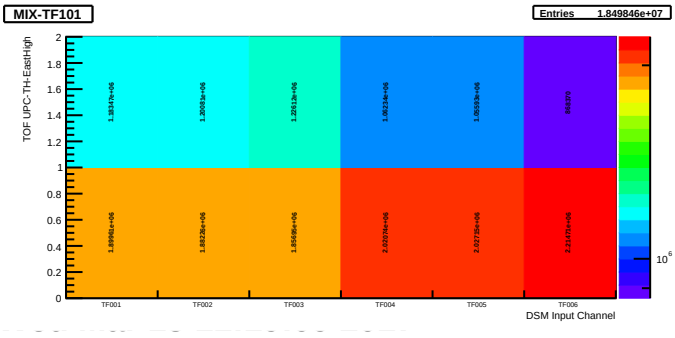

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

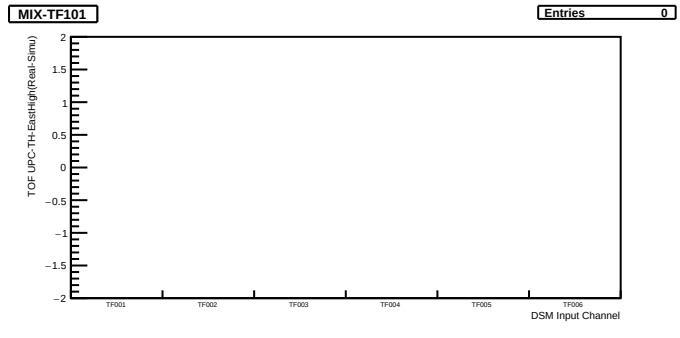

MIX-TF101
Entries 1.849846e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

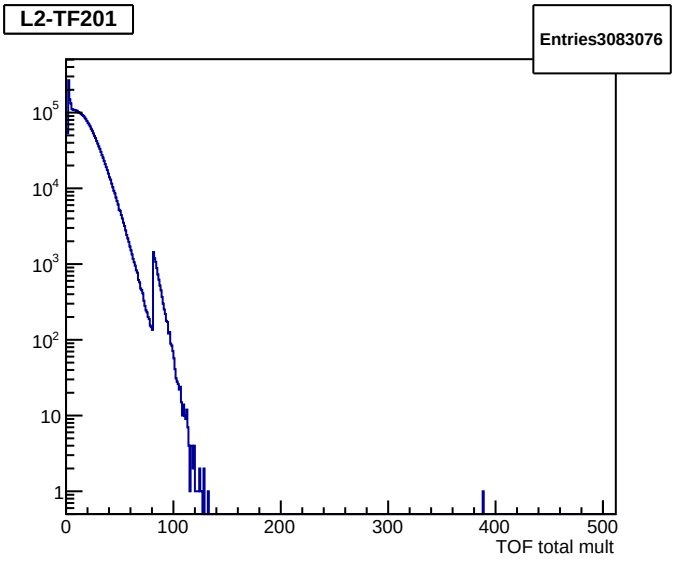

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

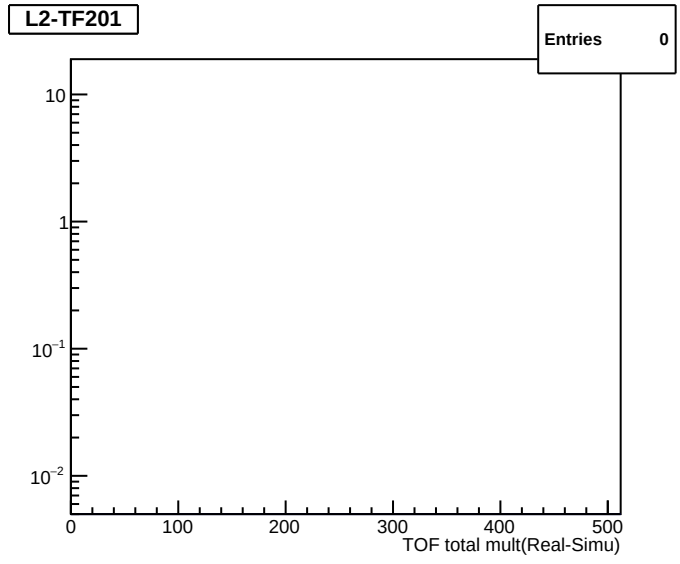

MIX-TF101
Entries 1.849846e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

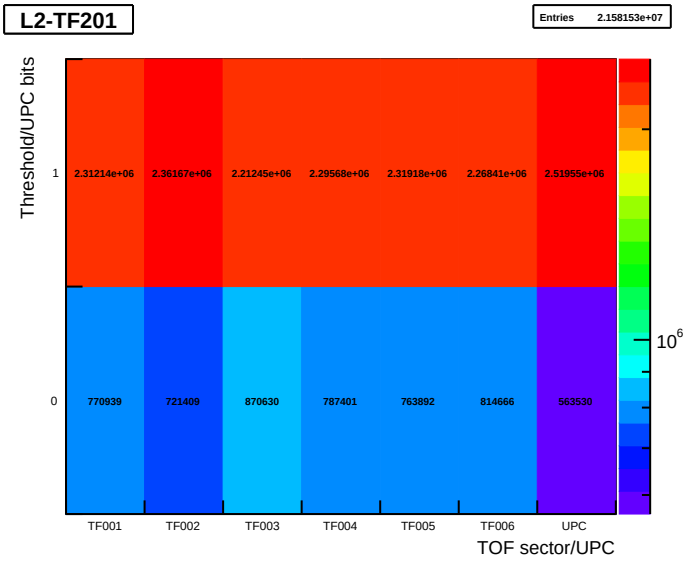

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

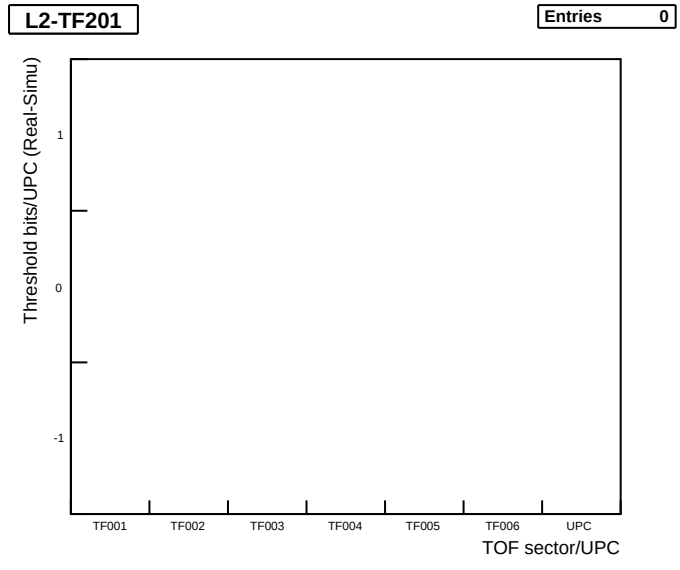

MIX-TF101
Entries 1.849846e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

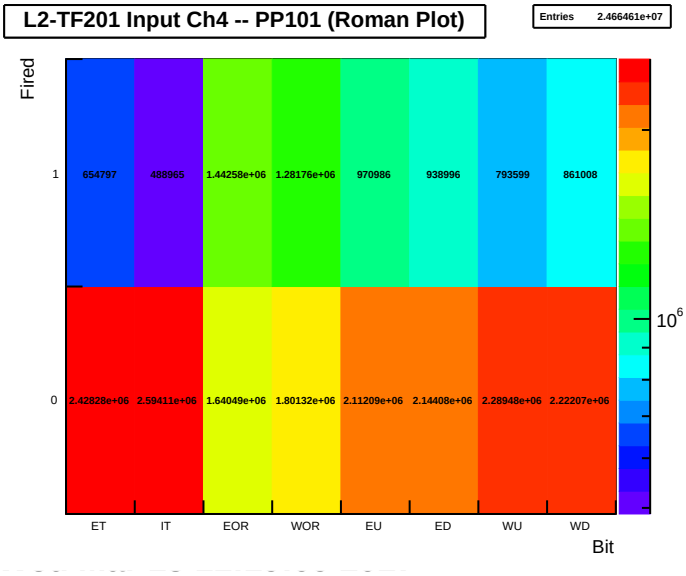

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

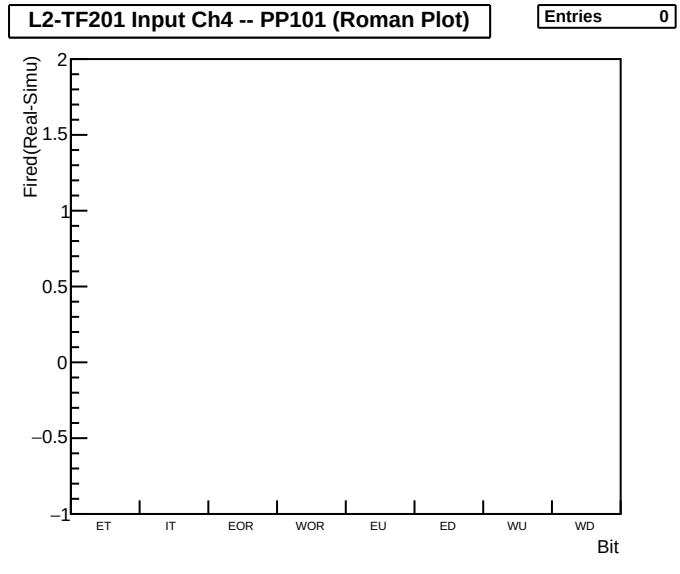

L2-TF201
Entries3083076
TOF total mult

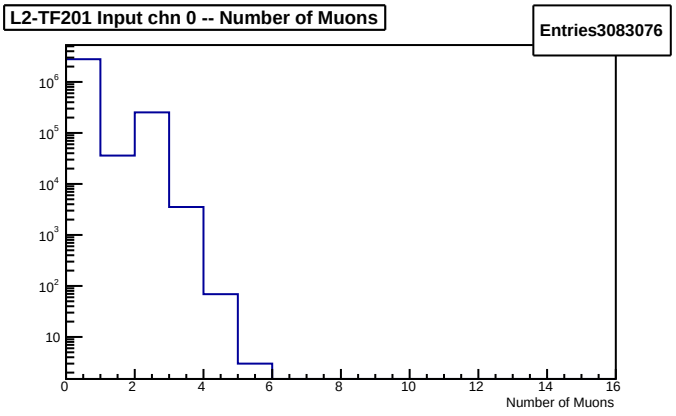

L2-TF201
Entries 0
TOF total mult(Real-Simu)

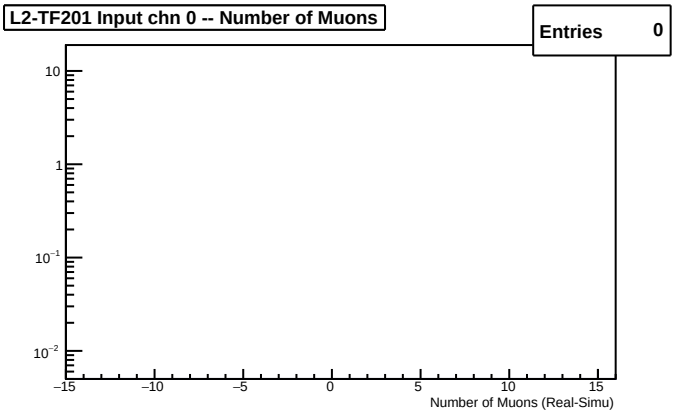

L2-TF201
Entries 2.158153e+07
Threshold/UPC bits
2.31214e+06
2.36167e+06
2.21245e+06
2.29568e+06
2.31918e+06
2.26841e+06
2.51955e+06
770939
721409
870630
787401
763892
814666
563530
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

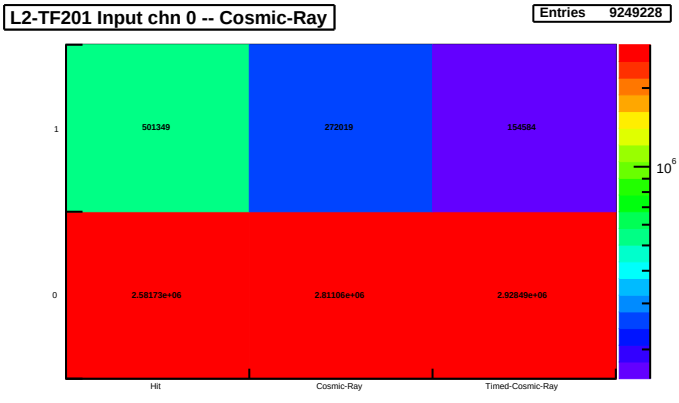

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

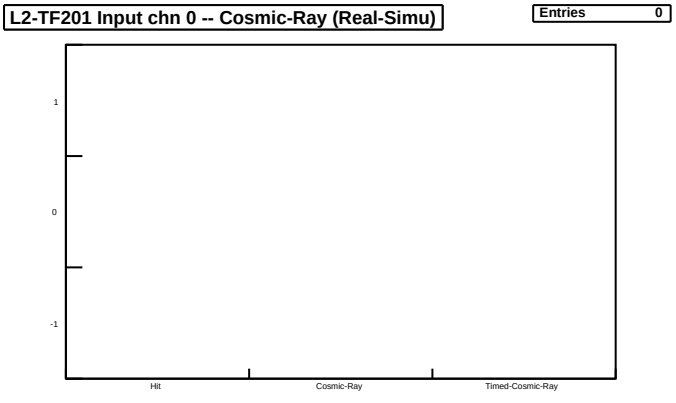

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.466461e+07
Fired
654797
488965
1.44258e+06
1.28176e+06
970986
938996
793599
861008
2.42828e+06
2.59411e+06
1.64049e+06
1.80132e+06
2.11209e+06
2.14408e+06
2.28948e+06
2.22207e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

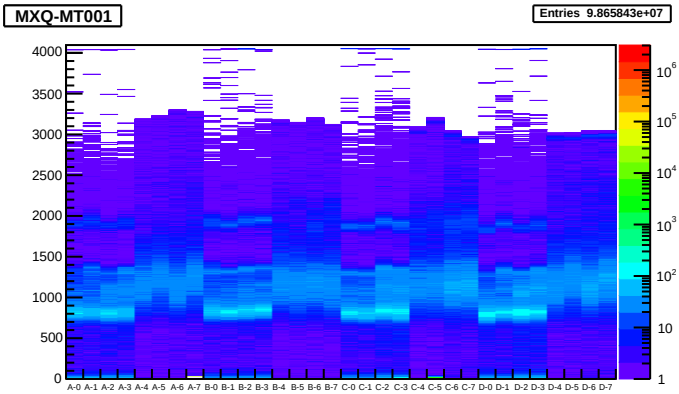

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

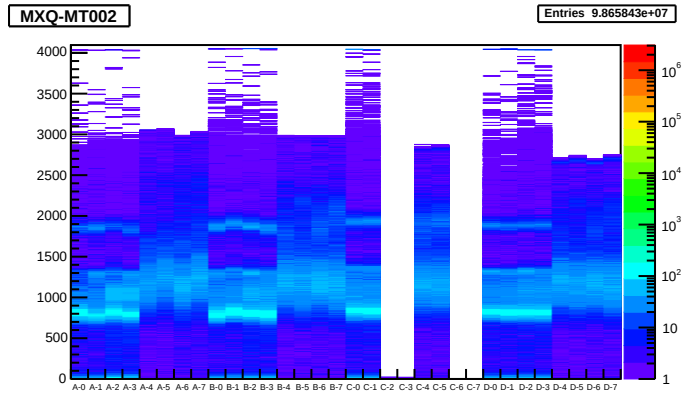

L2-TF201 Input chn 0 -- Number of Muons
Entries3083076
Number of Muons


L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 9249228
501349
272019
154584
2.58173e+06
2.81106e+06
2.92849e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray


MXQ-MT001
Entries 9.865843e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 9.865843e+07
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1000
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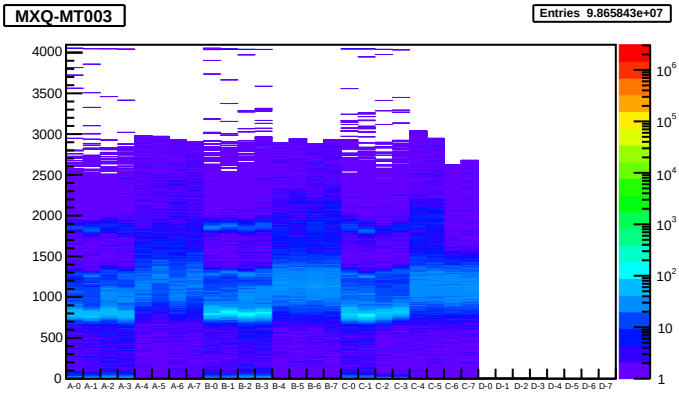
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1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Entries 9.865843e+07
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2500
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1500
1000
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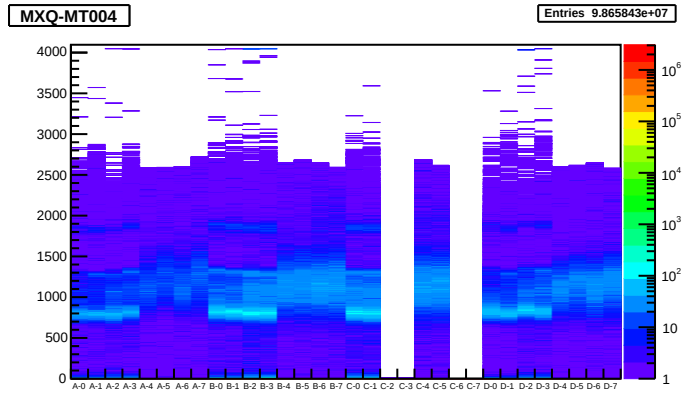
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1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Entries 9.865843e+07
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2500
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1500
1000
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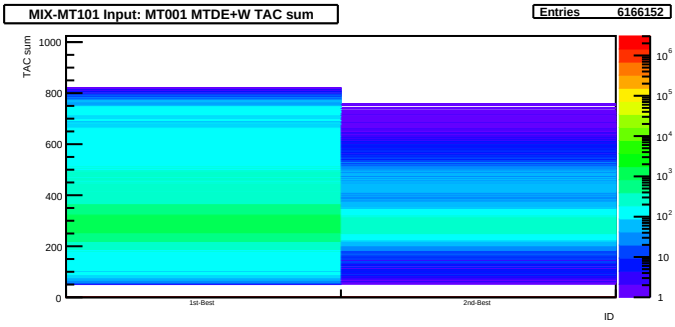
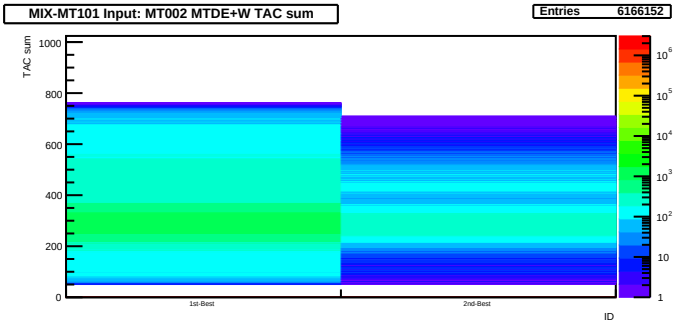
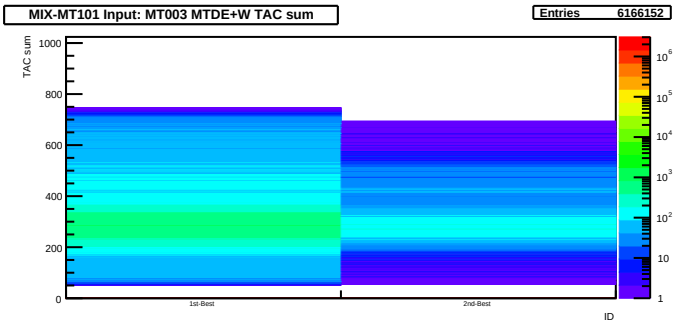
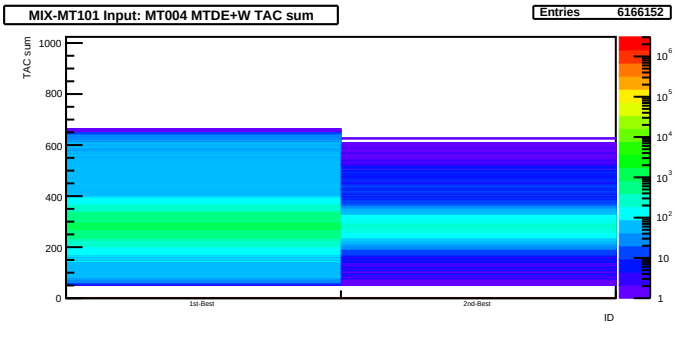
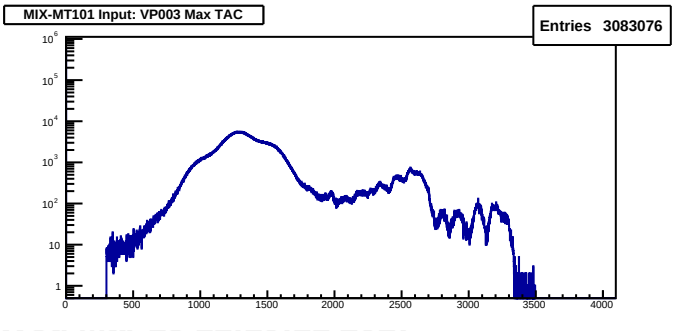
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

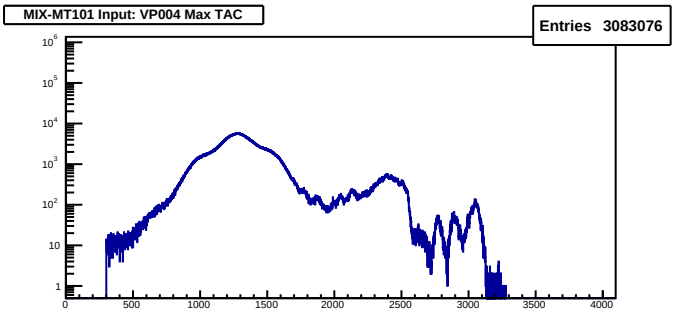

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 6166152
TAC sum
1st-Best
2nd-Best
ID

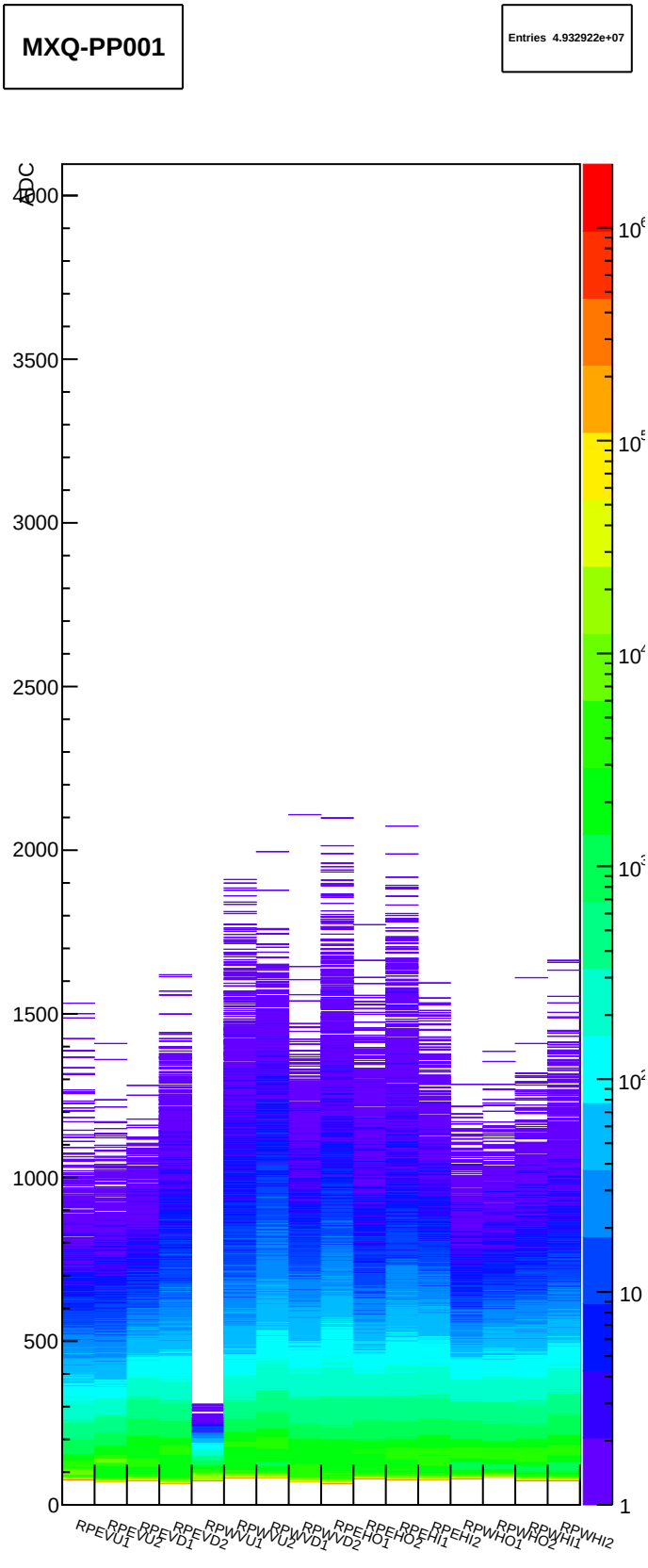

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 6166152
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 6166152
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 6166152
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 3083076


MIX-MT101 Input: VP004 Max TAC
Entries 3083076


MXQ-PP001
Entries 4.932922e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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RPEHO2
RPEHI1
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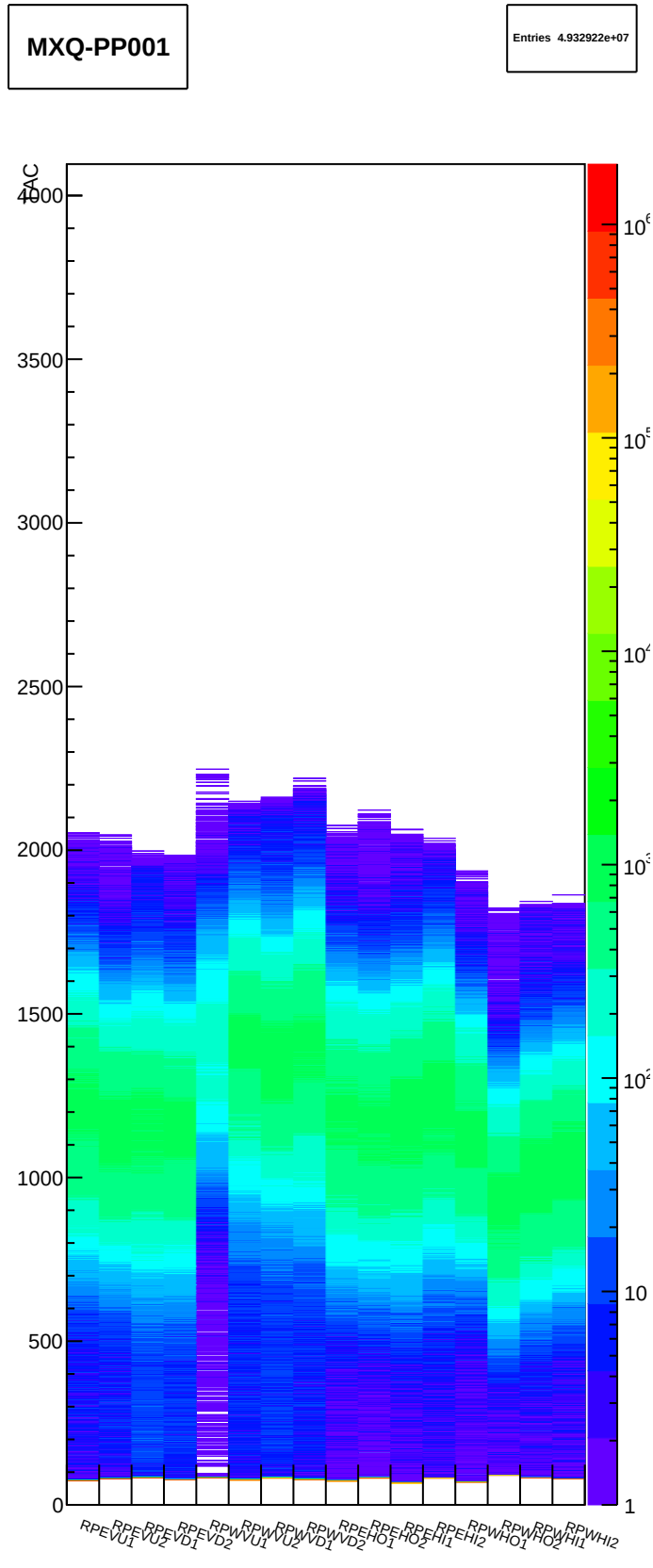
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 4.932922e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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RPEHI1
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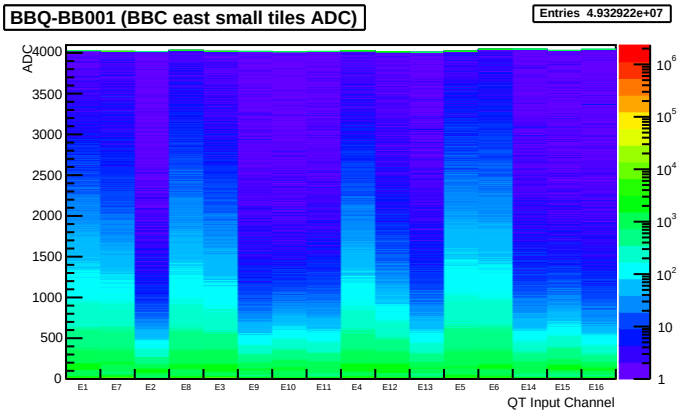
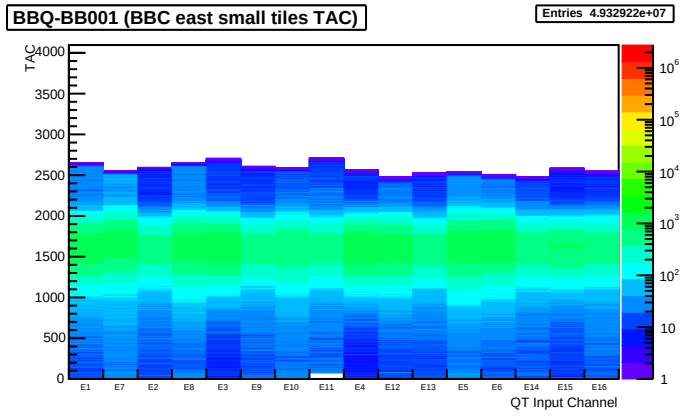
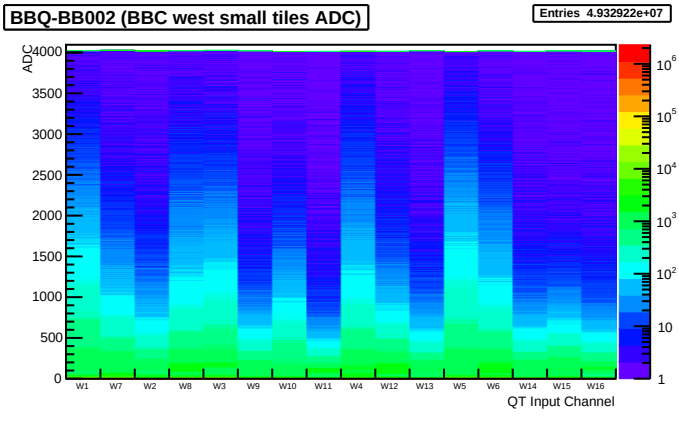
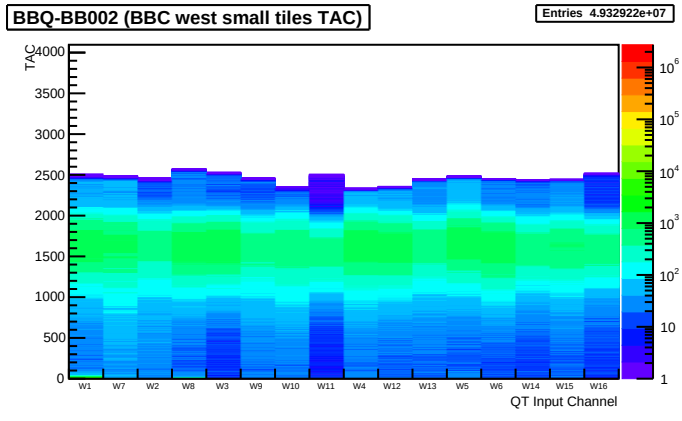
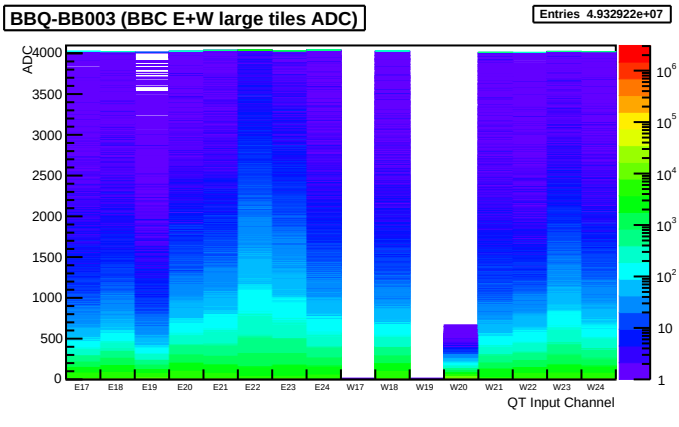
RPWHI1
RPWHI2
1
10

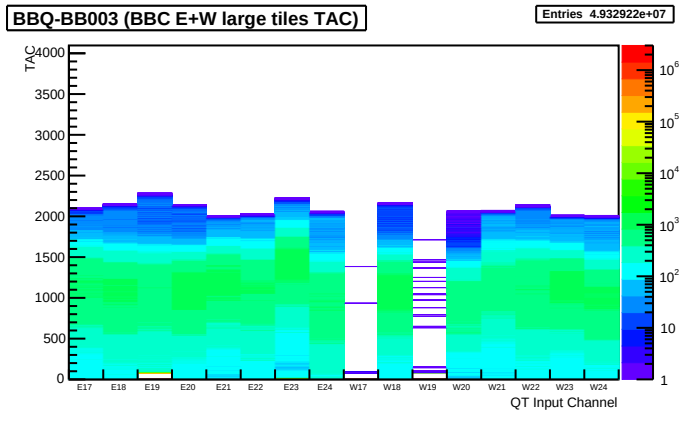

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.932922e+07
ADC
QT Input Channel

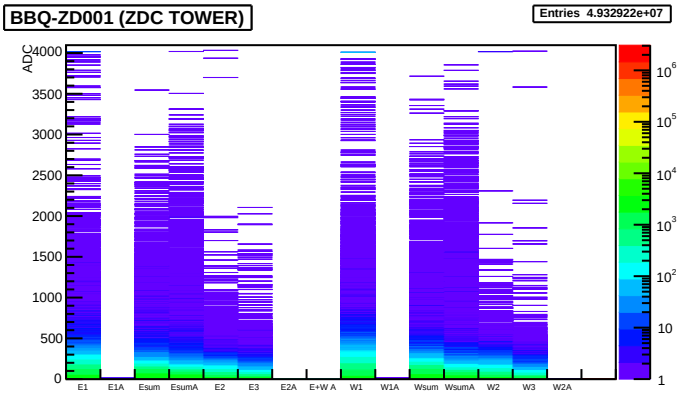

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.932922e+07
TAC
QT Input Channel

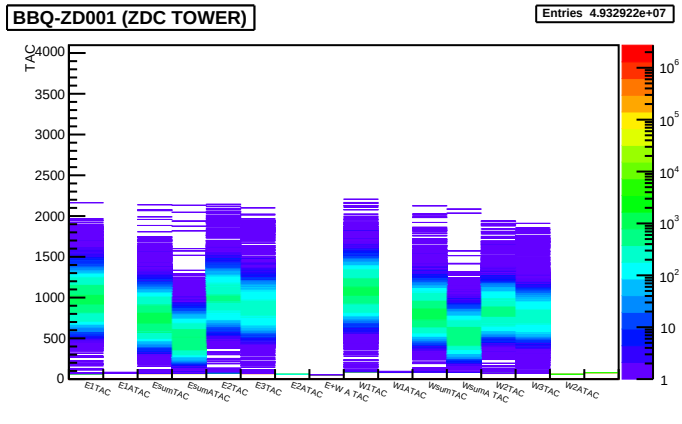

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.932922e+07
ADC
QT Input Channel

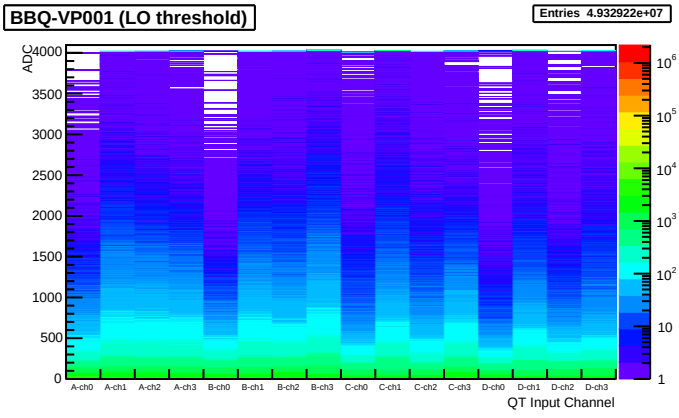

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.932922e+07
TAC
QT Input Channel

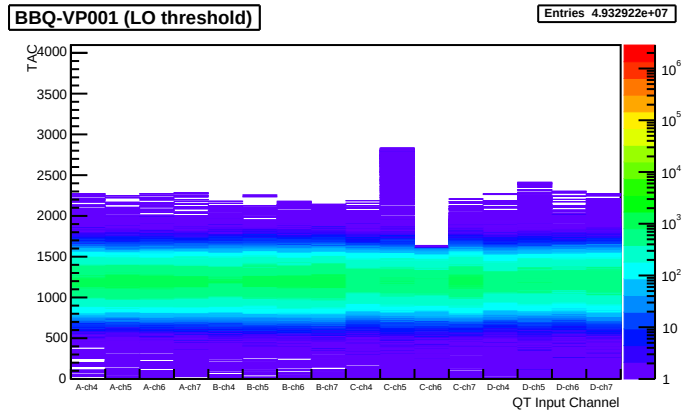

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.932922e+07
ADC
QT Input Channel

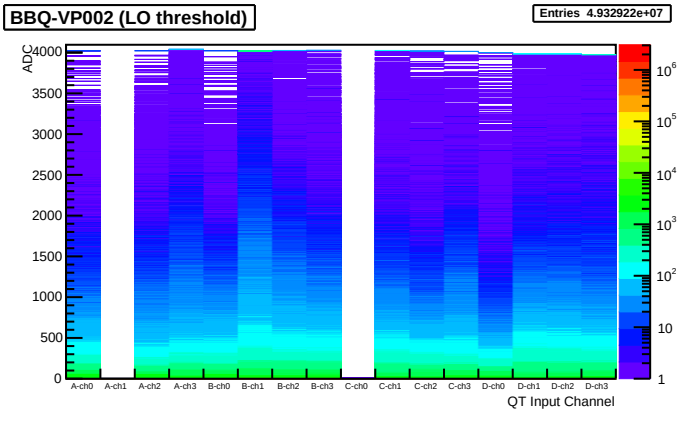

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.932922e+07
TAC
QT Input Channel

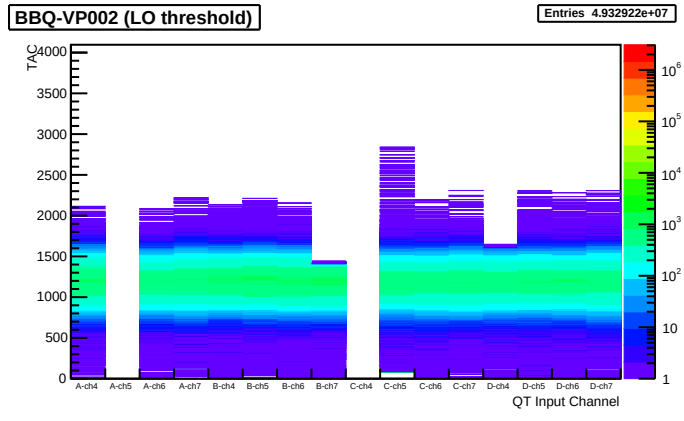

BBQ-ZD001 (ZDC TOWER)
Entries 4.932922e+07
ADC

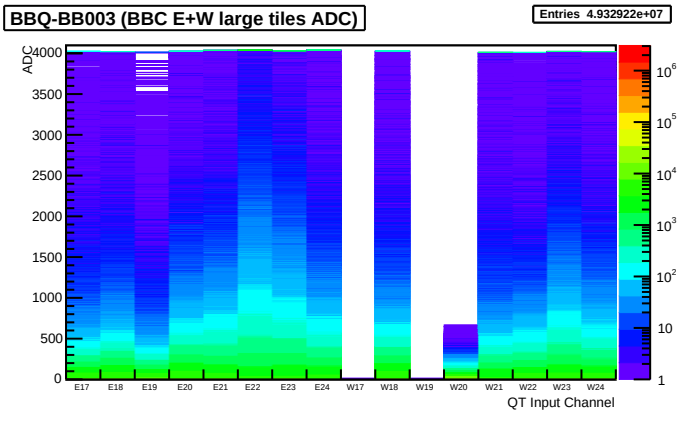

BBQ-ZD001 (ZDC TOWER)
Entries 4.932922e+07
TAC

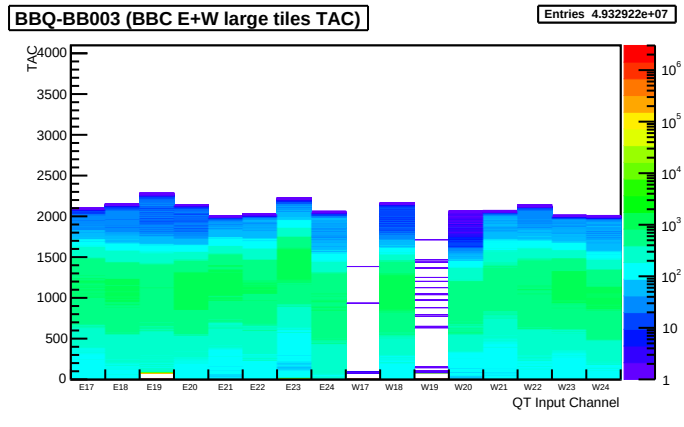

BBQ-VP001 (LO threshold)
Entries 4.932922e+07
ADC
QT Input Channel

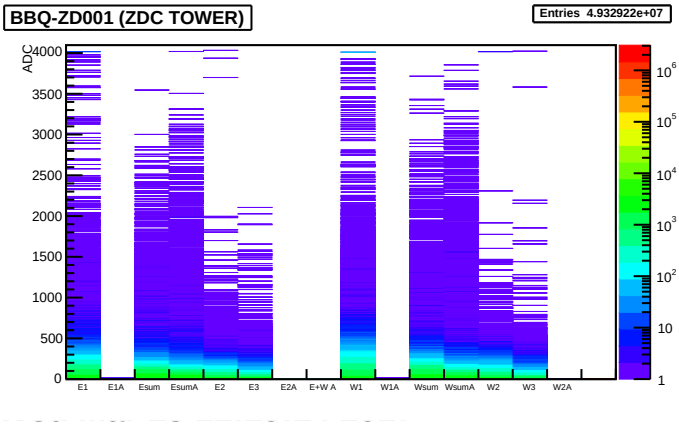

BBQ-VP001 (LO threshold)
Entries 4.932922e+07
TAC
QT Input Channel

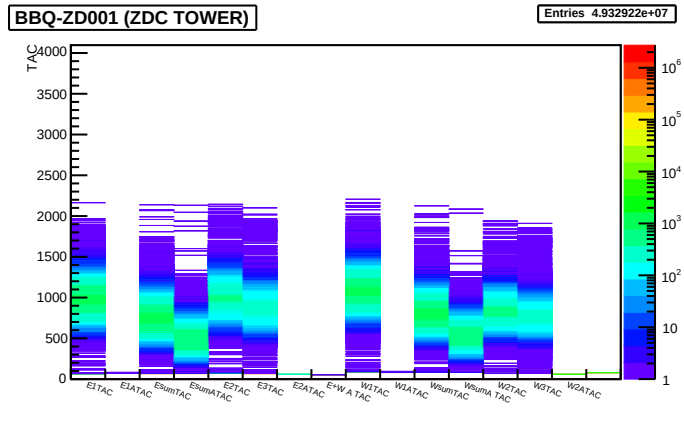

BBQ-VP002 (LO threshold)
Entries 4.932922e+07
ADC
QT Input Channel

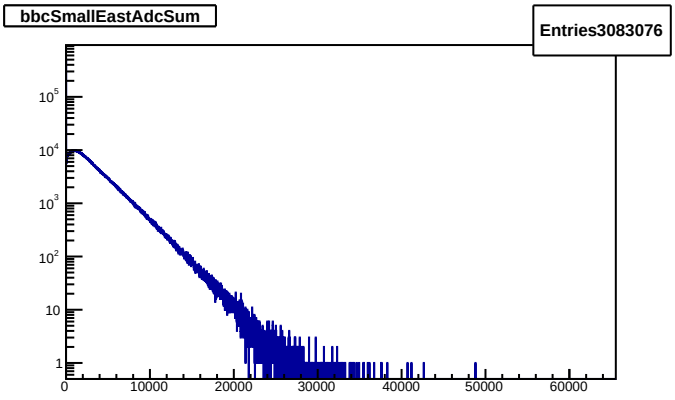

BBQ-VP002 (LO threshold)
Entries 4.932922e+07
TAC
QT Input Channel

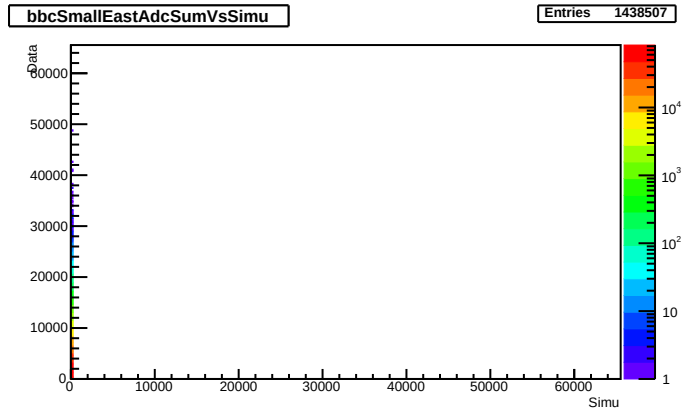

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.932922e+07
ADC
QT Input Channel

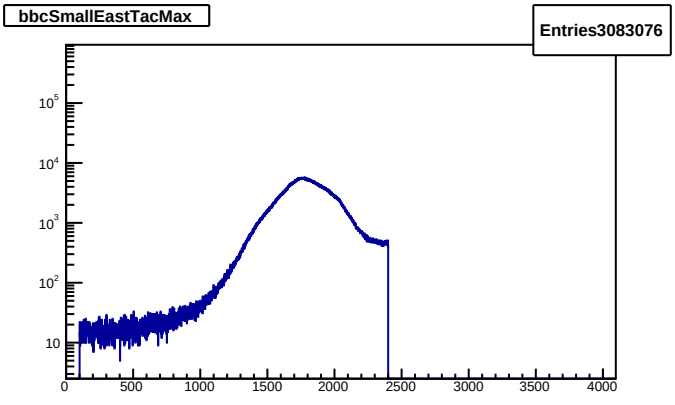

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.932922e+07
TAC
QT Input Channel

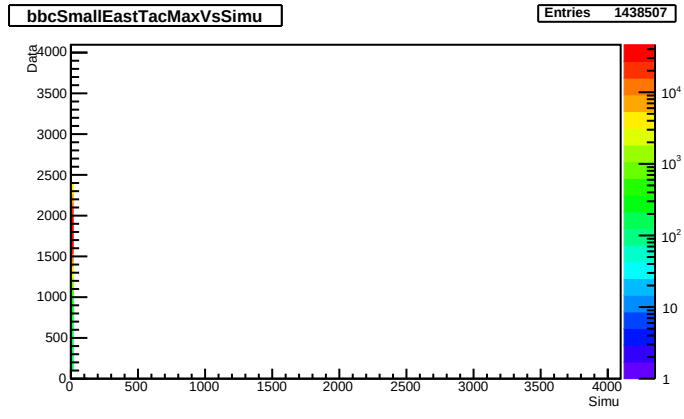

BBQ-ZD001 (ZDC TOWER)
Entries 4.932922e+07
ADC


BBQ-ZD001 (ZDC TOWER)
Entries 4.932922e+07
TAC


bbcSmallEastAdcSum
Entries3083076


bbcSmallEastAdcSumVsSimu
Entries 1438507
Data
Simu


bbcSmallEastTacMax
Entries3083076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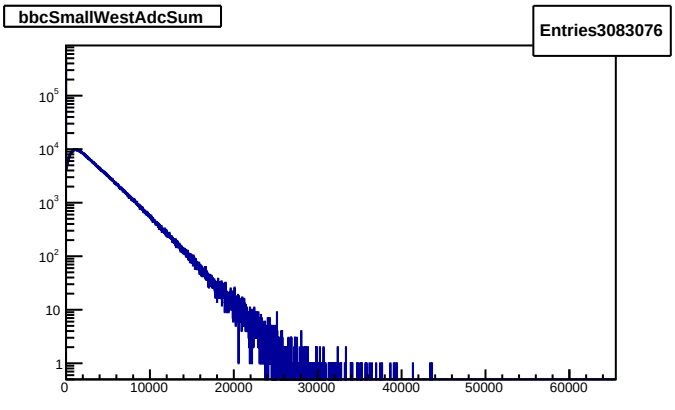
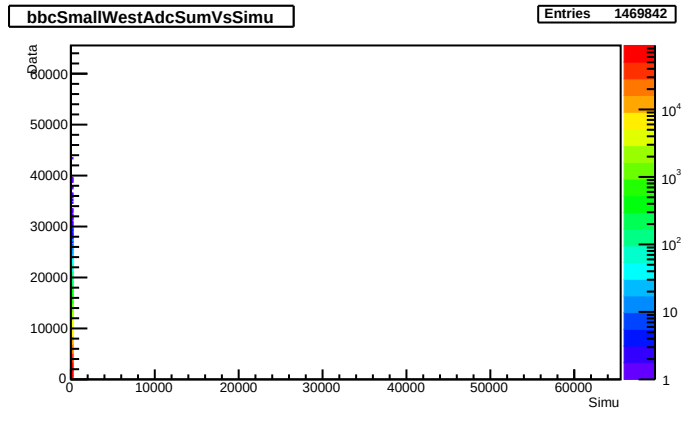
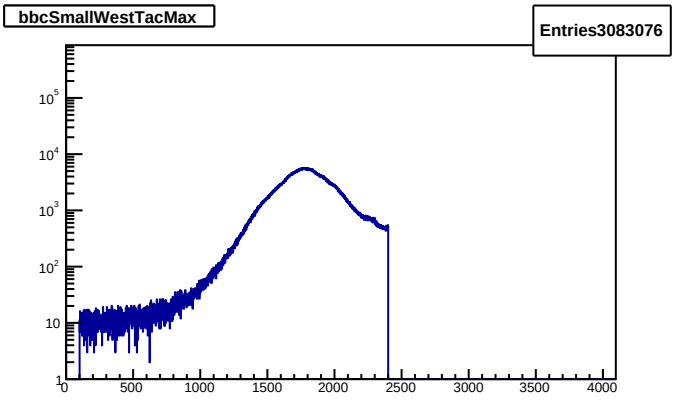
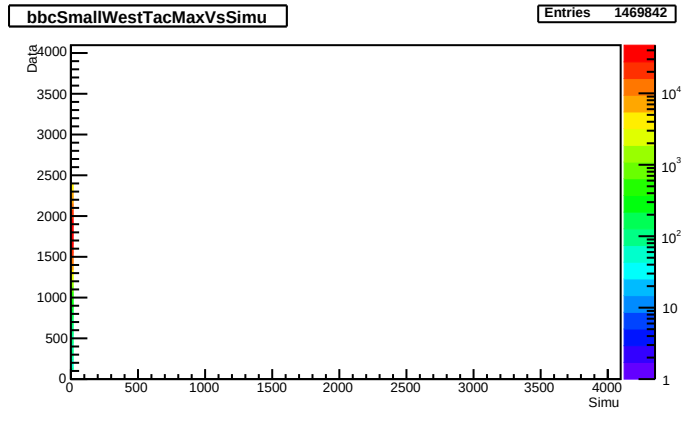
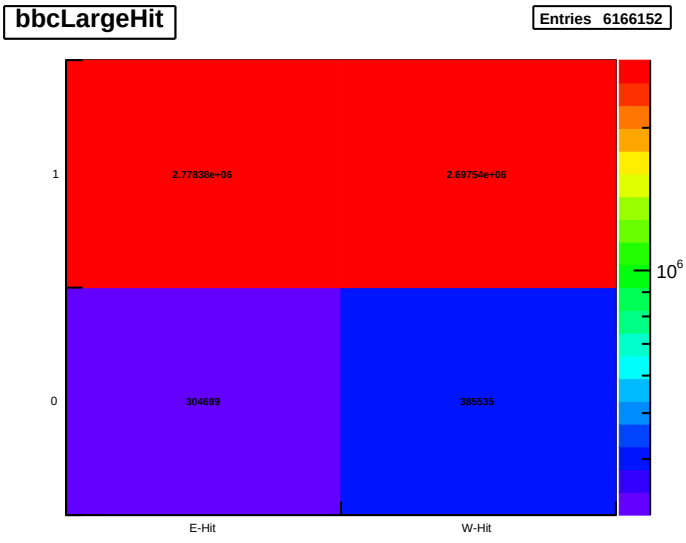
Entries 1438507
Data
Simu


bbcSmallWestAdcSum
Entries3083076


bbcSmallWestAdcSumVsSimu
Entries 1469842
Data
Simu


bbcSmallWestTacMax
Entries3083076


bbcSmallWestTacMaxVsSimu
Entries 1469842
Data
Simu


bbcLargeHit
Entries 6166152
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0
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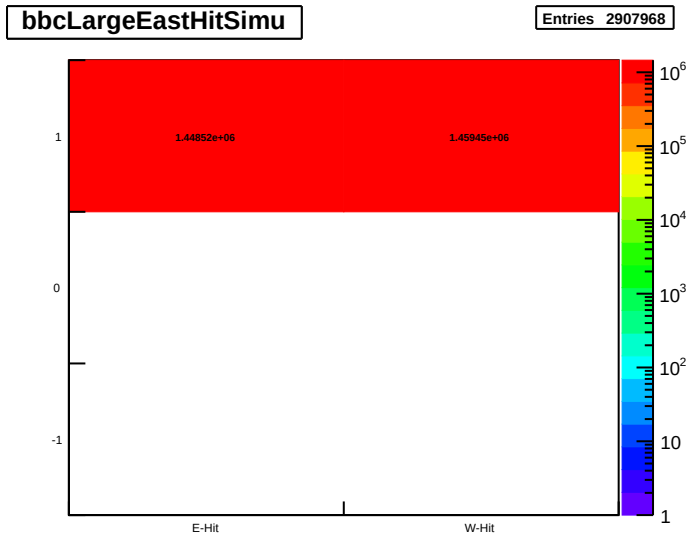
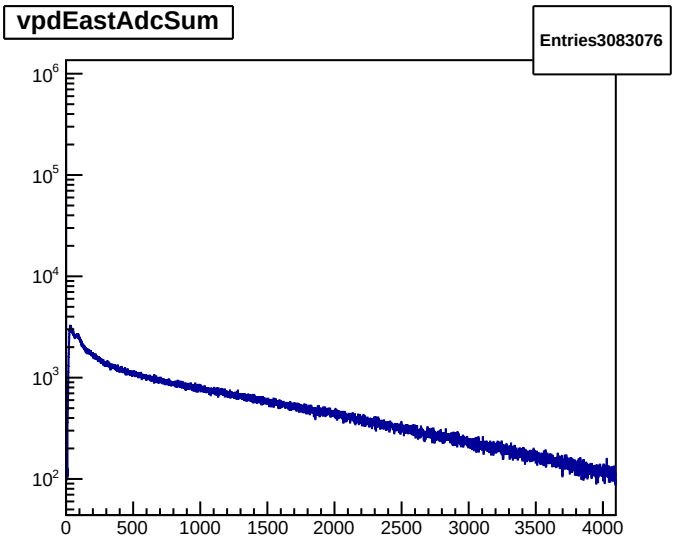
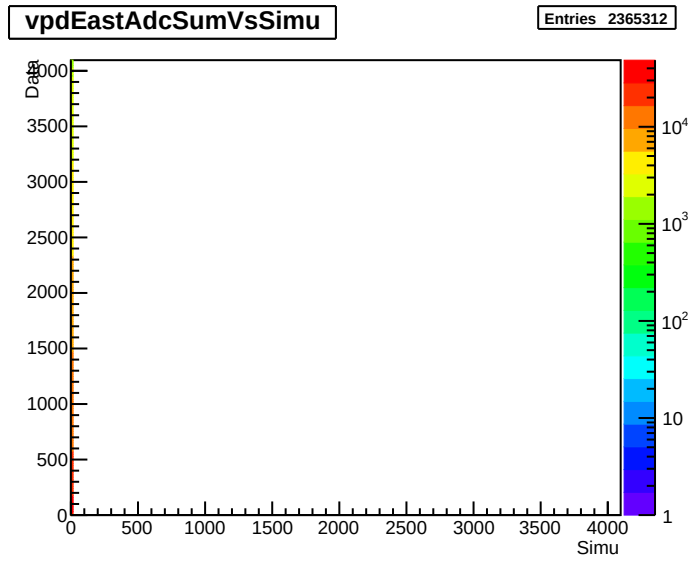
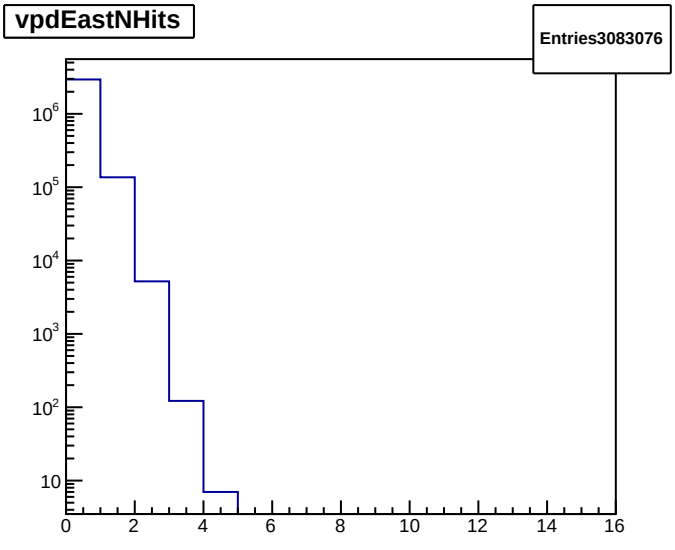
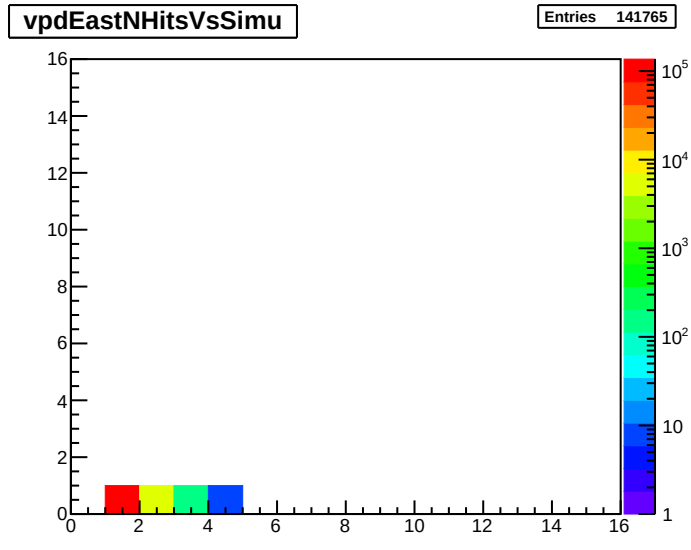
2.69754e+06
304699
385535
E-Hit
W-Hit
10^6

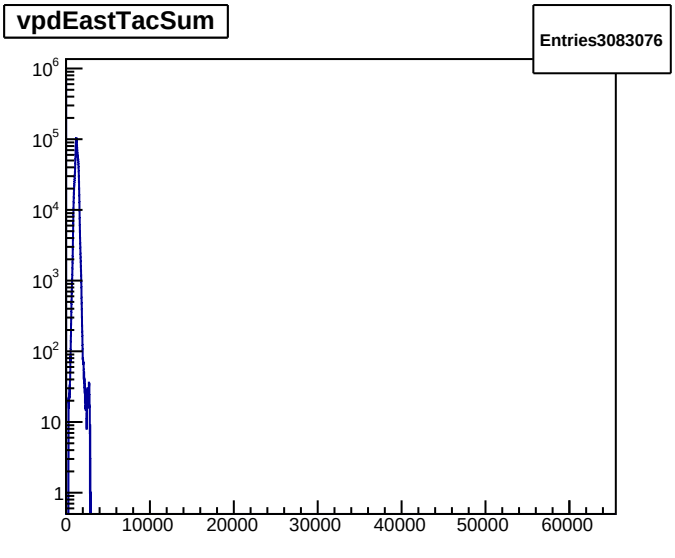

bbcLargeEastHitSimu
Entries 2907968
1
0
-1
1.44852e+06
1.45945e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

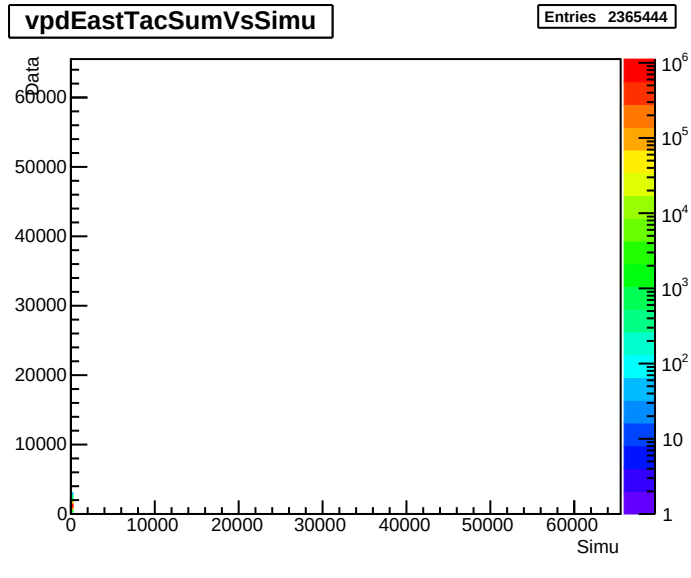

vpdEastAdcSum
Entries3083076

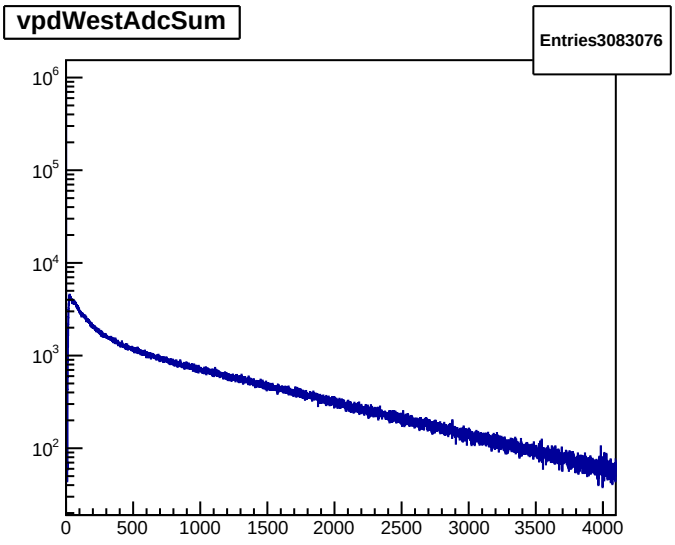

vpdEastAdcSumVsSimu
Entries 2365312
Data
Simu

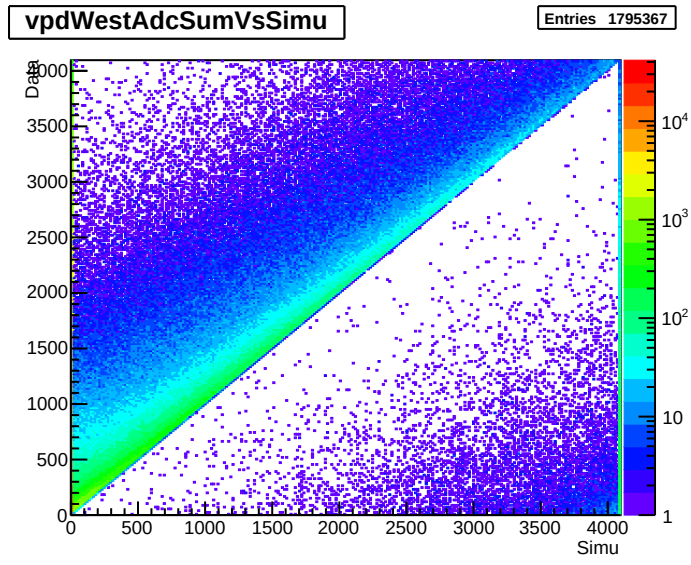

vpdEastNHits
Entries3083076

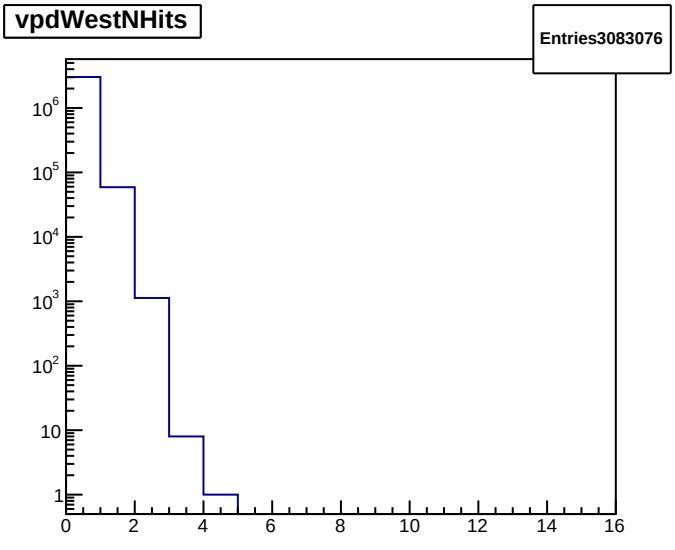

vpdEastNHitsVsSimu
Entries 141765

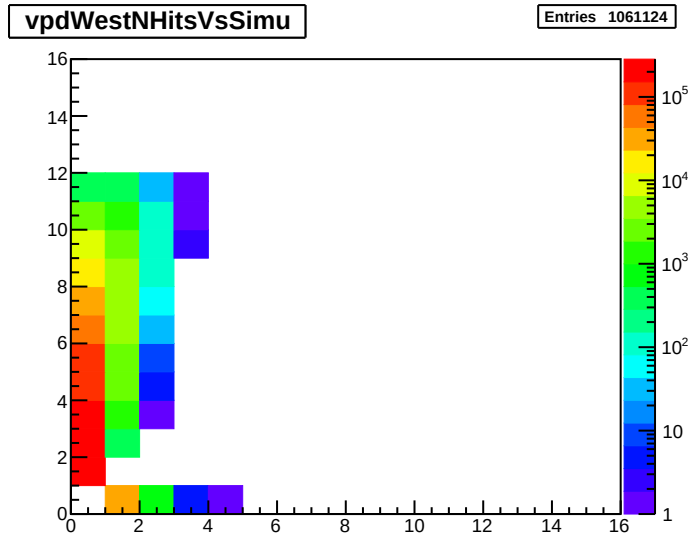

vpdEastTacSum
Entries3083076

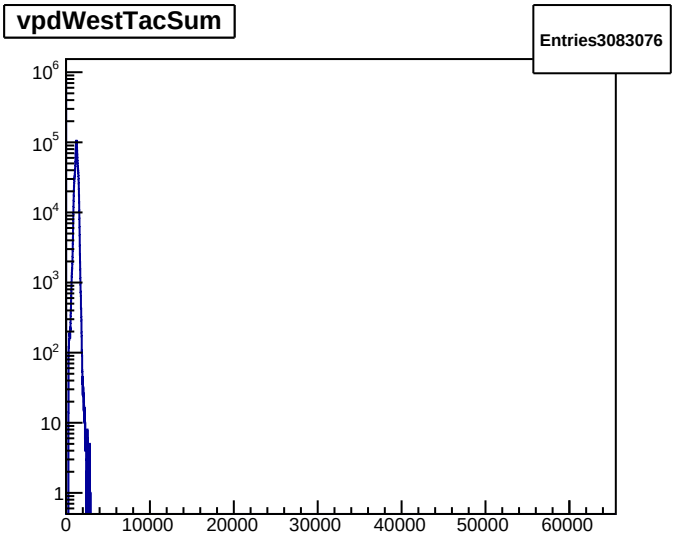

vpdEastTacSumVsSimu
Entries 2365444
Data
Simu

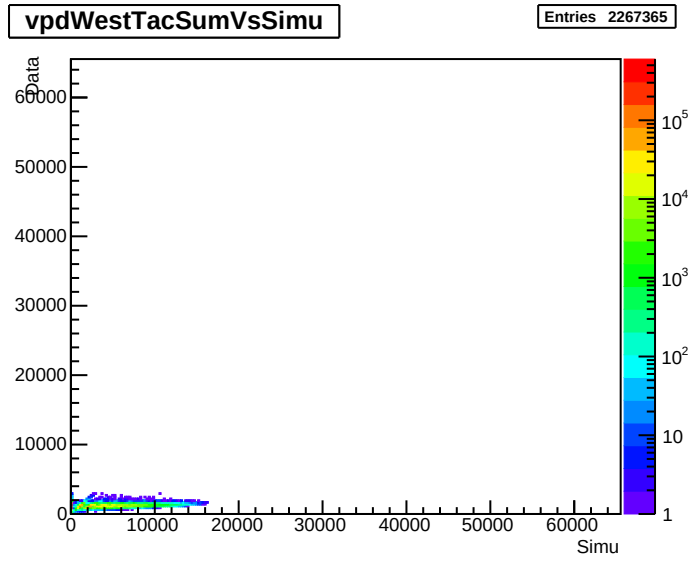

vpdWestAdcSum
Entries3083076

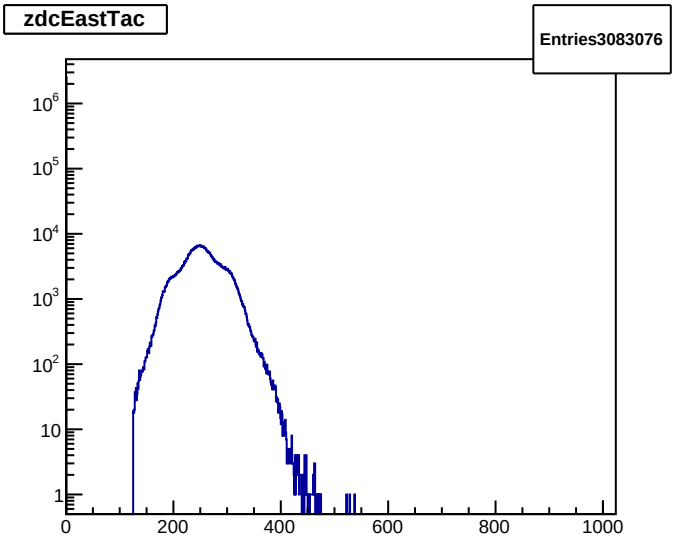

vpdWestAdcSumVsSimu
Entries 1795367
Data
Simu

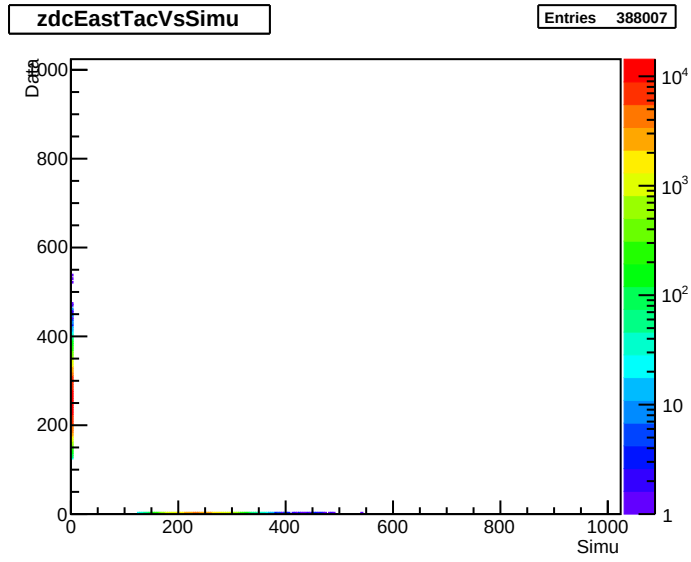

vpdWestNHits
Entries3083076

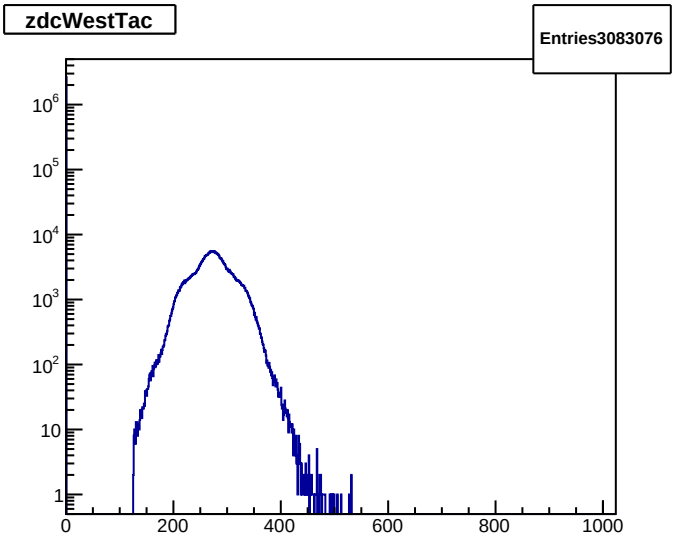

vpdWestNHitsVsSimu
Entries 1061124

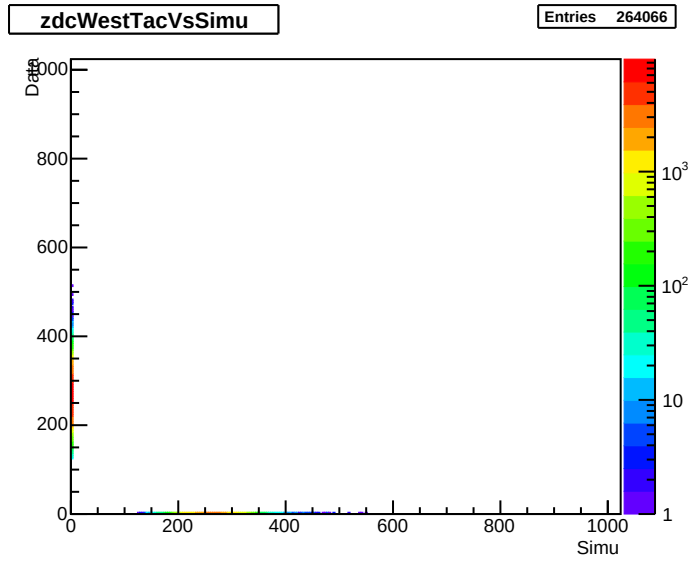

vpdWestTacSum
Entries3083076

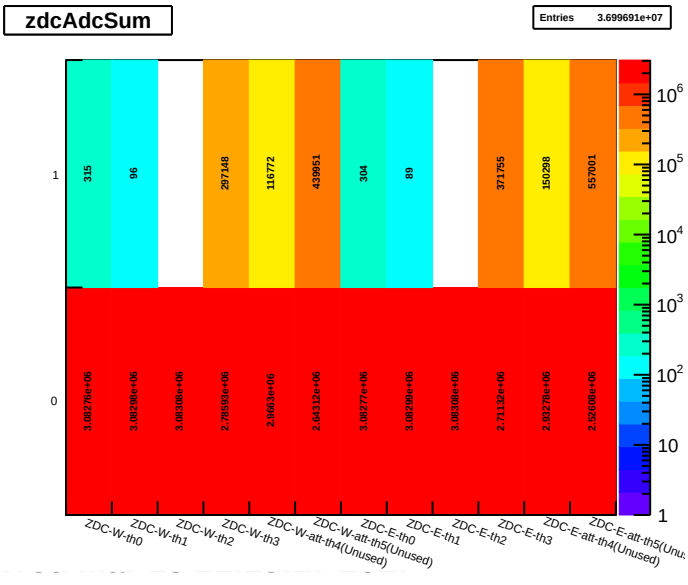

vpdWestTacSumVsSimu
Entries 2267365
Data
Simu

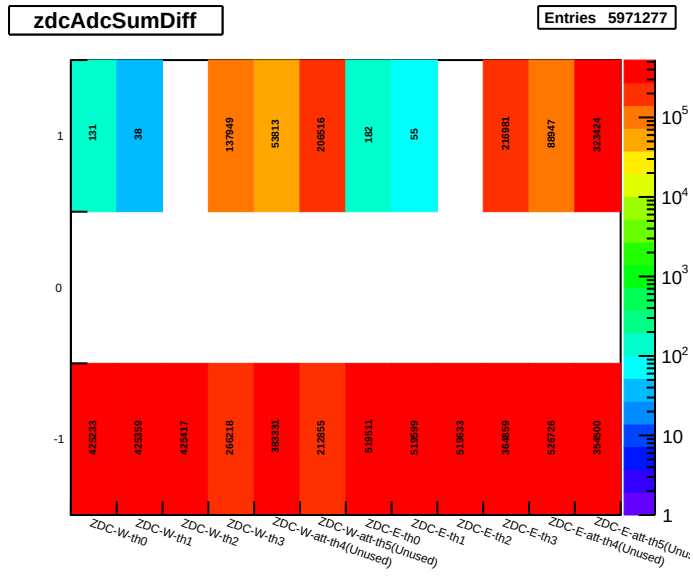

zdcEastTac
Entries3083076

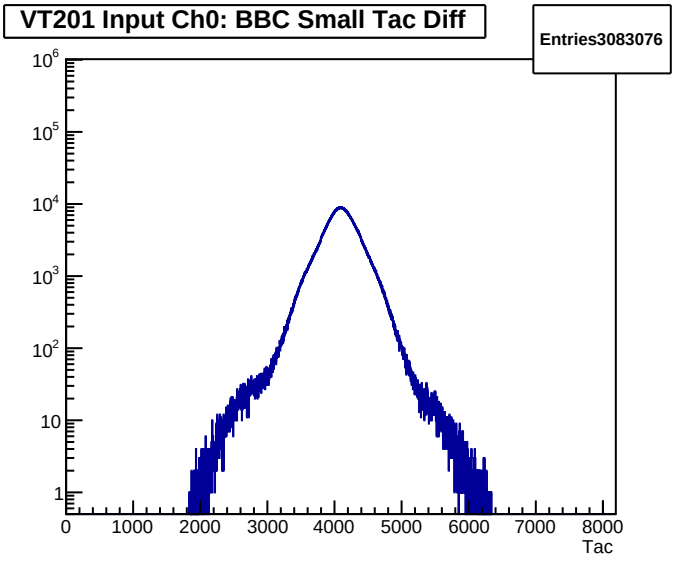

zdcEastTacVsSimu
Entries 388007
Data
Simu

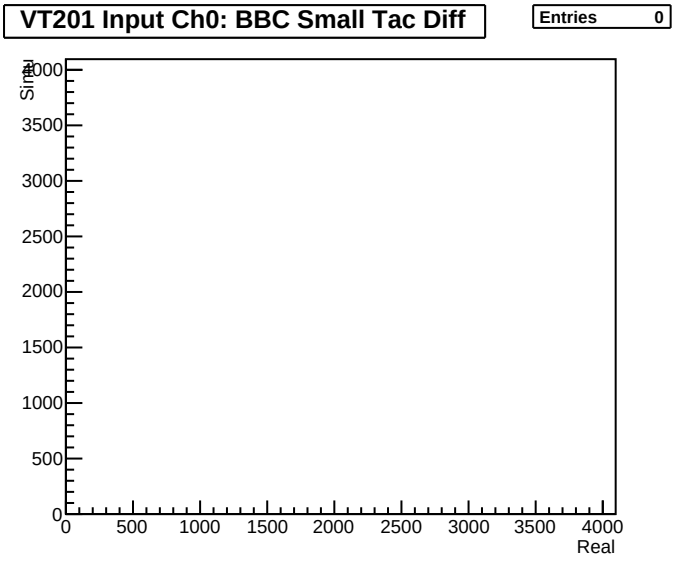

zdcWestTac
Entries3083076

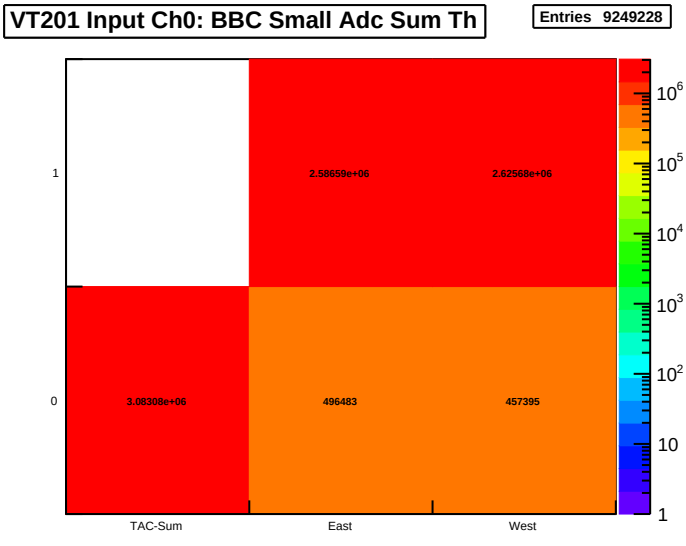

zdcWestTacVsSimu
Entries 264066
Data
Simu

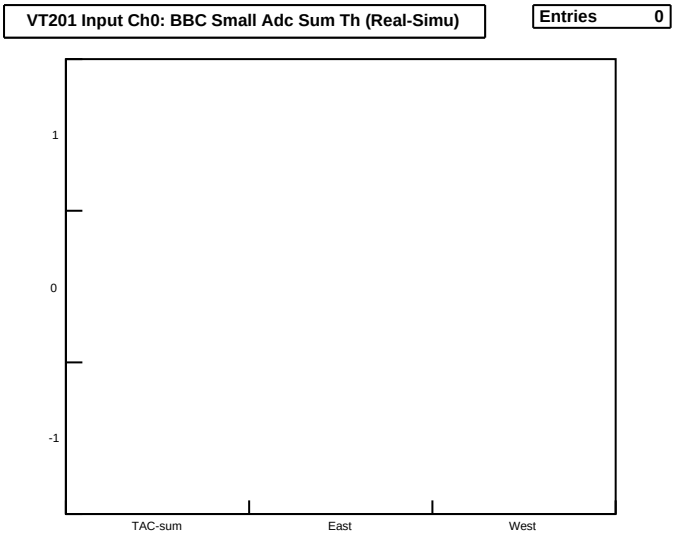

zdcAdcSum
Entries 3.699691e+07
315
96
297148
116772
439951
304
89
371755
150298
557001
3.00276e+06
3.00298e+06
3.00308e+06
2.78593e+06
2.9663e+06
2.64312e+06
3.00277e+06
3.00298e+06
3.00308e+06
2.71132e+06
2.93278e+06
2.52608e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

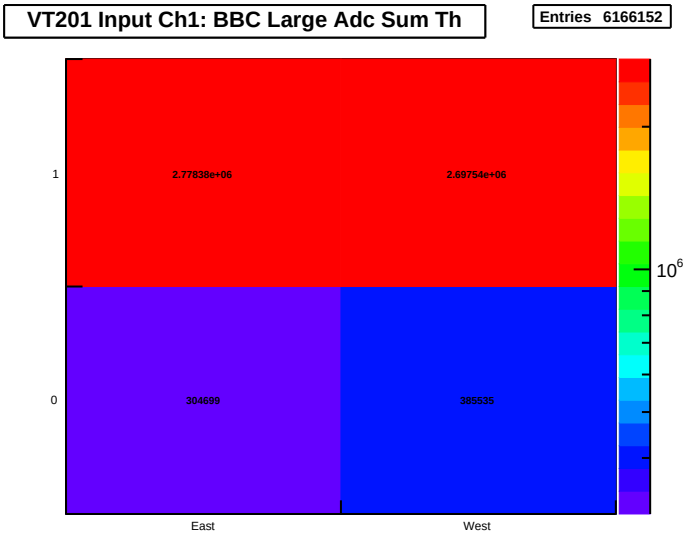

zdcAdcSumDiff
Entries 5971277
131
38
137949
53813
206516
182
55
216981
88947
323424
425333
423359
425417
266218
383331
212855
519511
515599
519633
364659
526726
354500
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

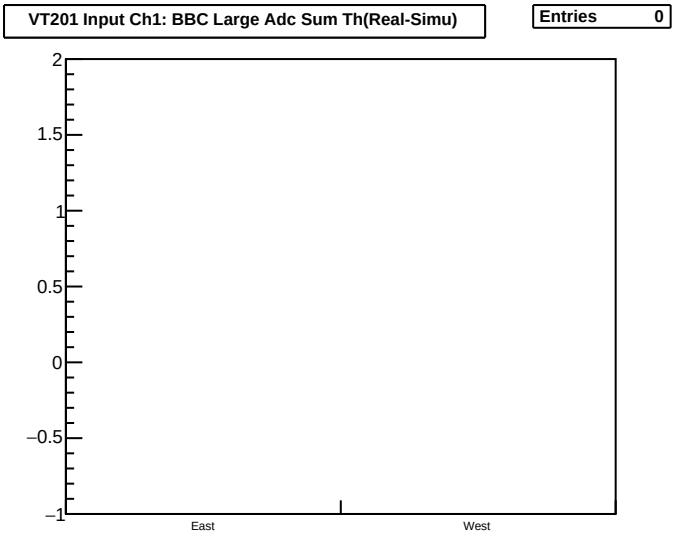

VT201 Input Ch0: BBC Small Tac Diff
Entries3083076
Tac


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

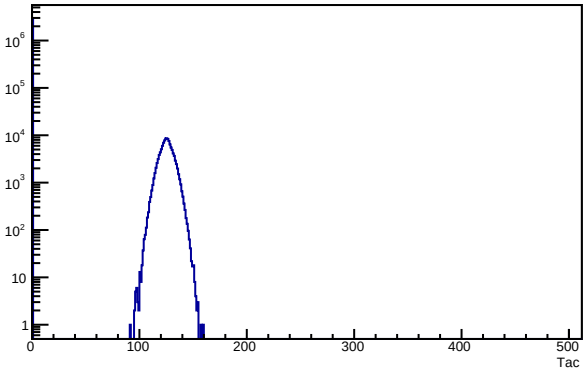

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 9249228
2.58659e+06
2.62568e+06
3.08308e+06
496483
457395
TAC-Sum
East
West


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

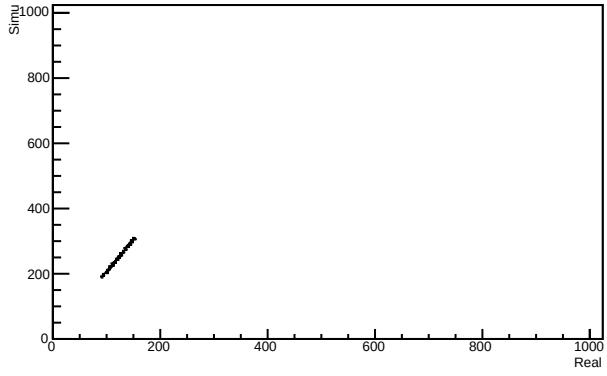

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 6166152
2.77838e+06
2.69754e+06
304699
385535
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
East
West

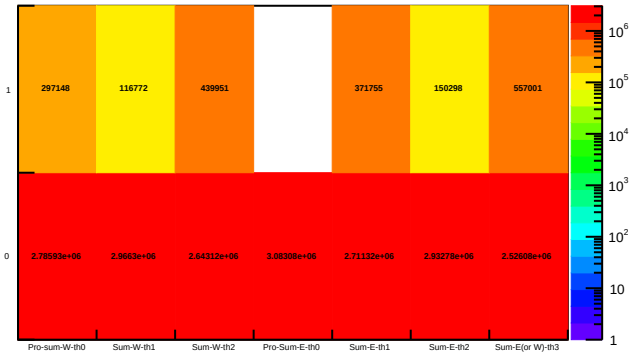
VT201 Input Ch2: ZDC Tac Diff



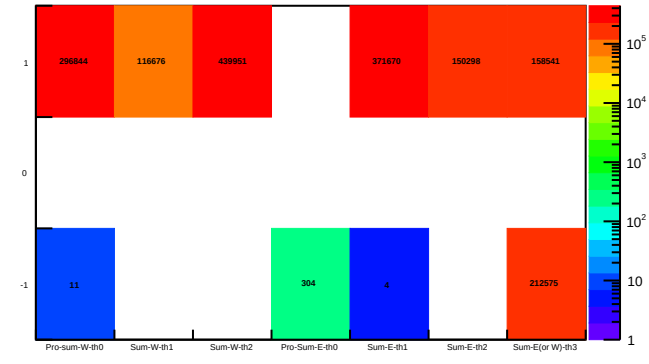
VT201 Input Ch2: ZDC Tac Diff



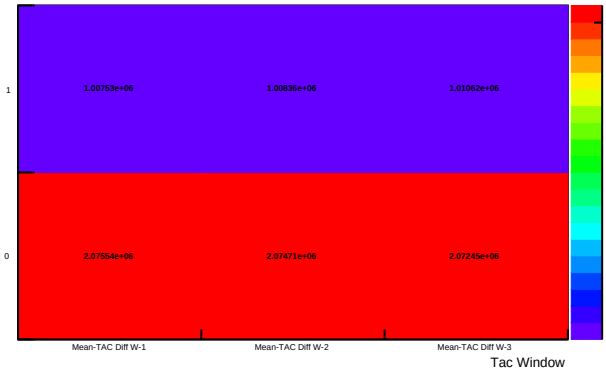
VT201 Input Ch2: ZDC Adc Sum Th



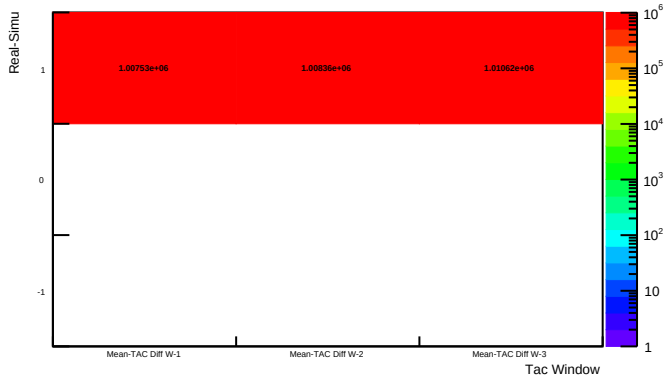
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



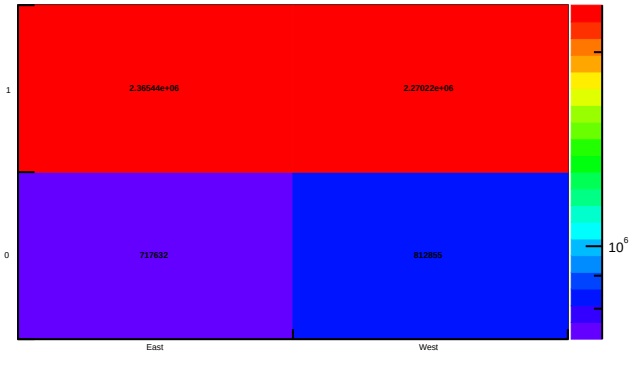
VT201 Input Ch4: VPD Tac Diff



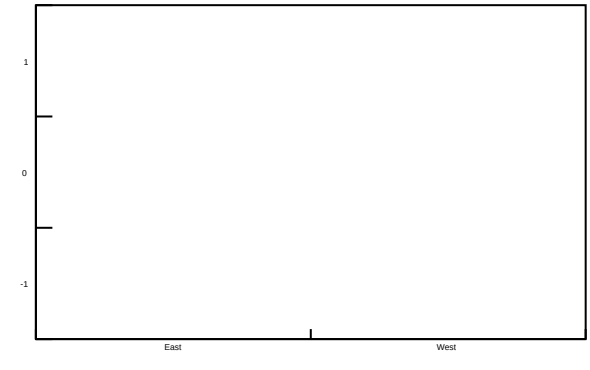
VT201 Input Ch4: VPD Tac Diff

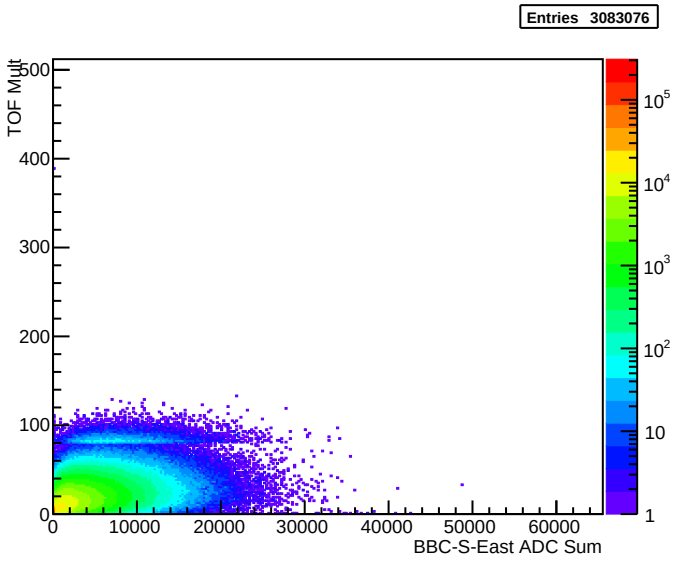


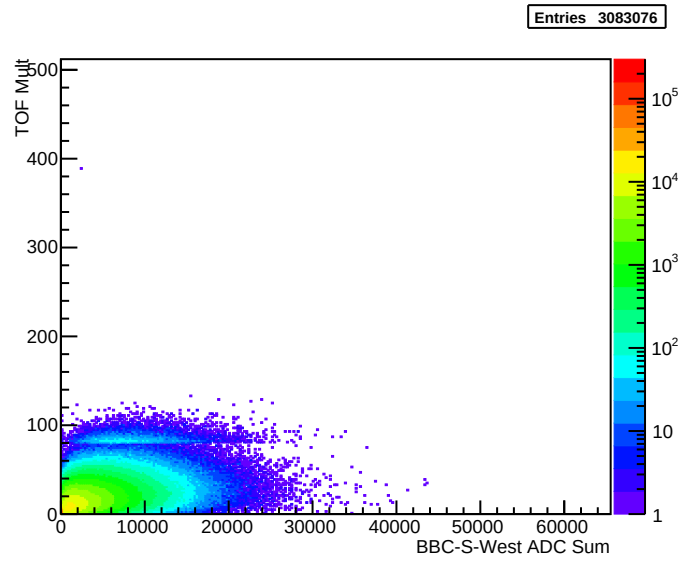
VT201 Input Ch4: VPD Adc Sum Th

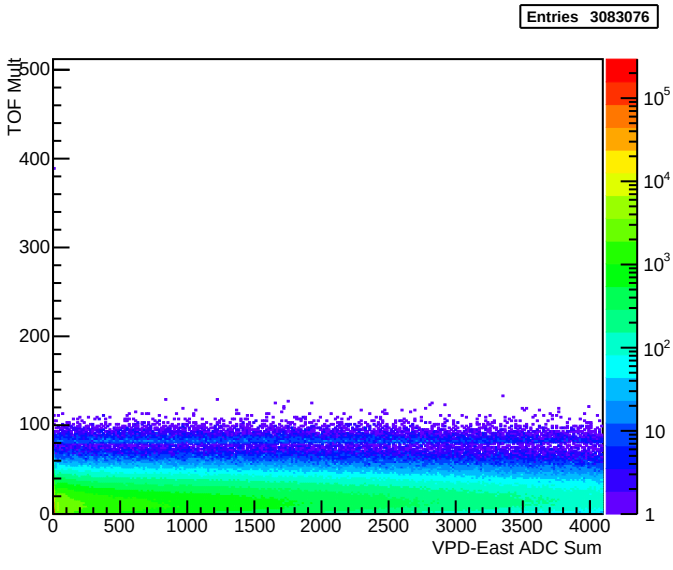


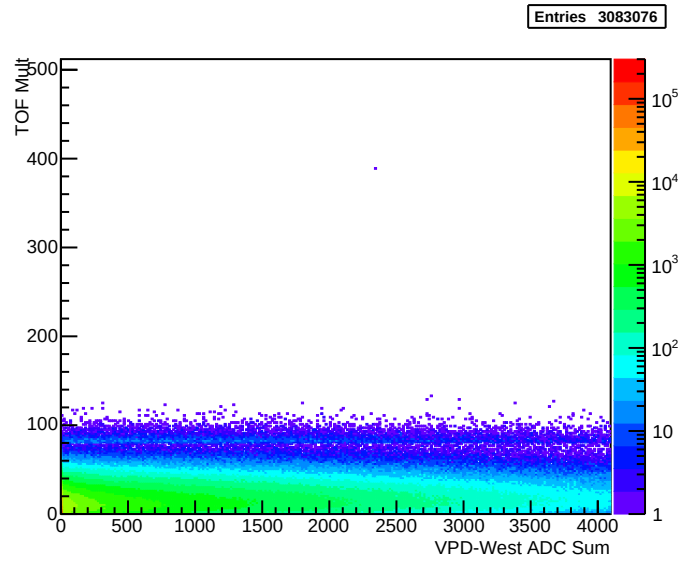
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

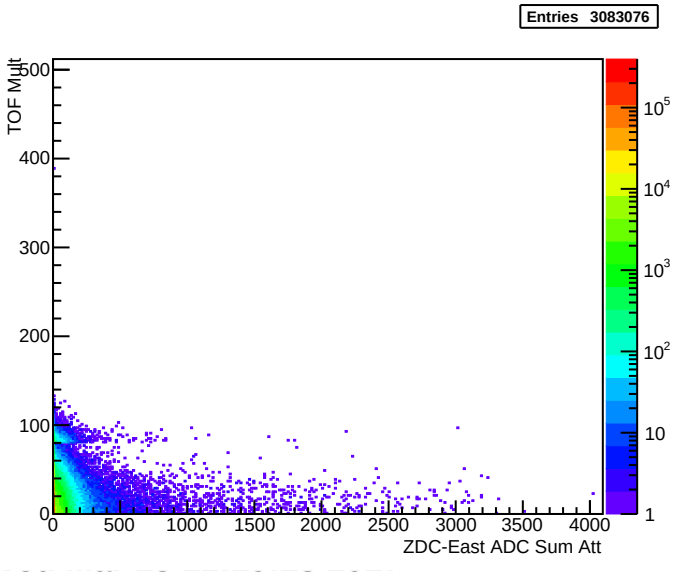


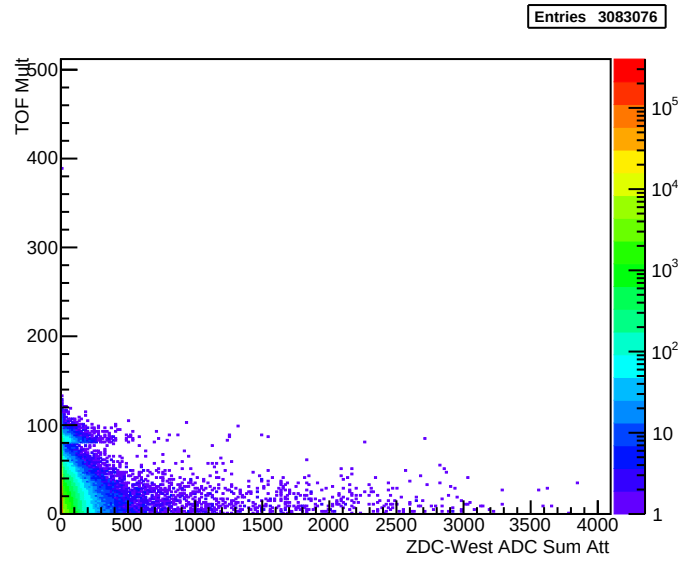

Entries 3083076
TOF Mult
BBC-S-East ADC Sum

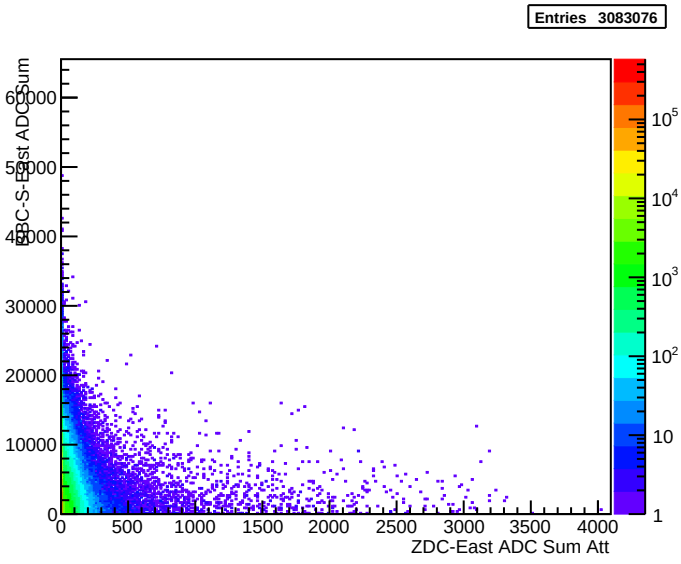

Entries 3083076
TOF Mult
BBC-S-West ADC Sum

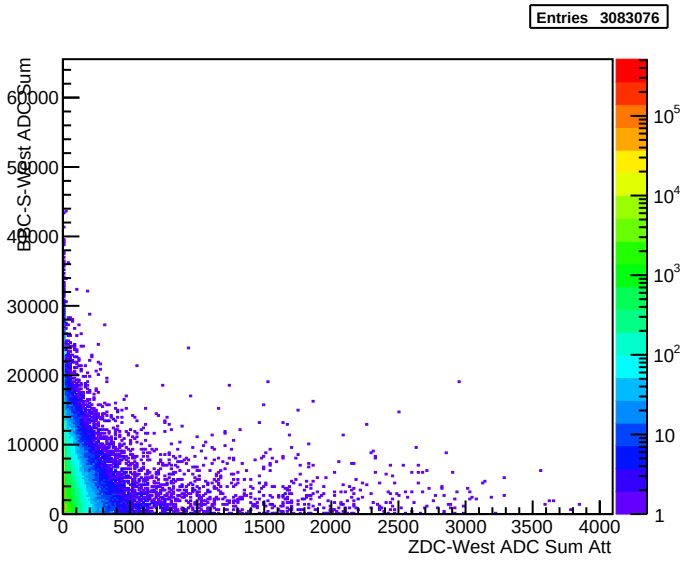

Entries 3083076
TOF Mult
VPD-East ADC Sum

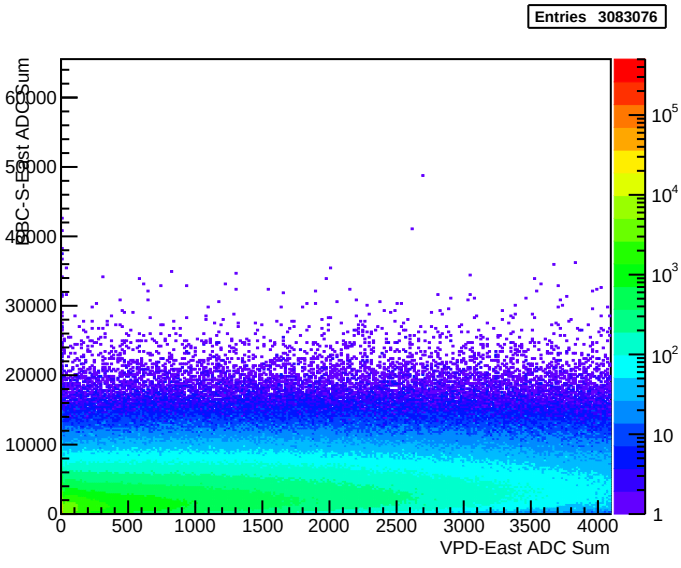

Entries 3083076
TOF Mult
VPD-West ADC Sum

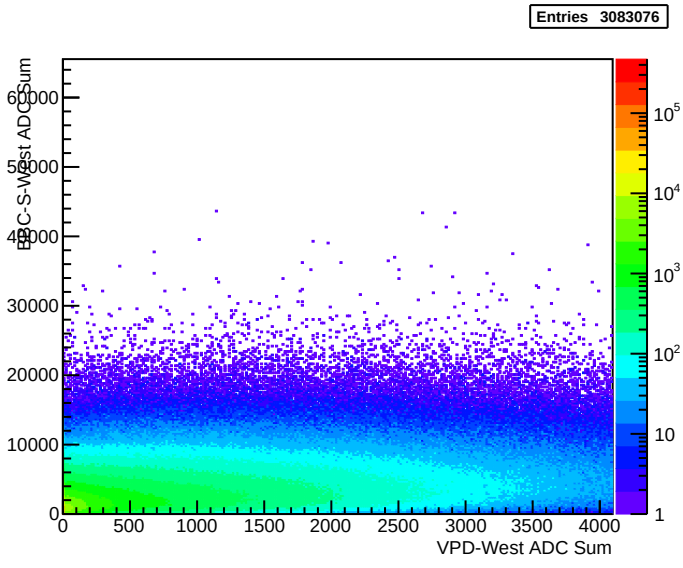

Entries 3083076
TOF Mult
ZDC-East ADC Sum Att

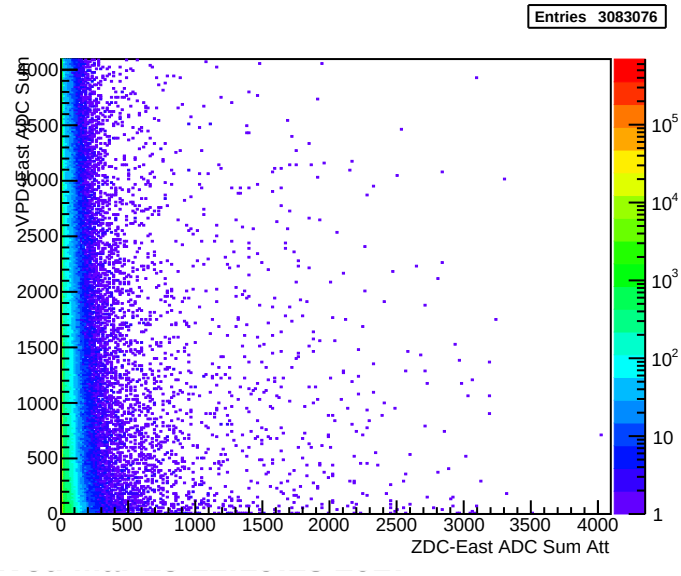

Entries 3083076
TOF Mult
ZDC-West ADC Sum Att

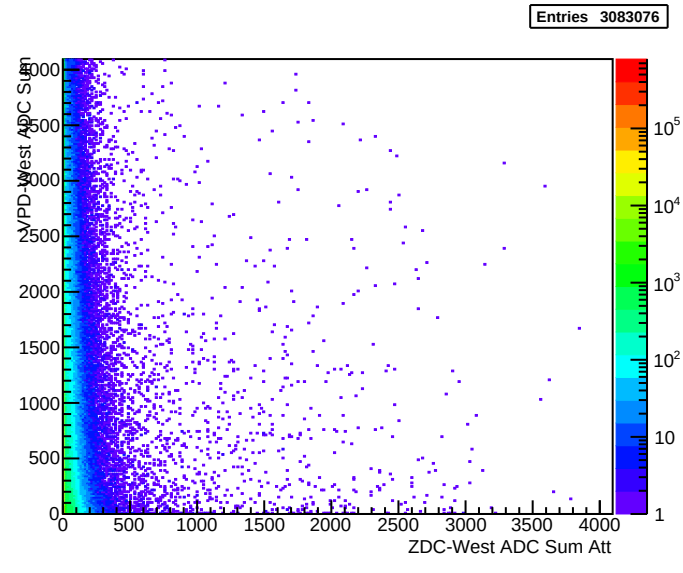

Entries 3083076
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

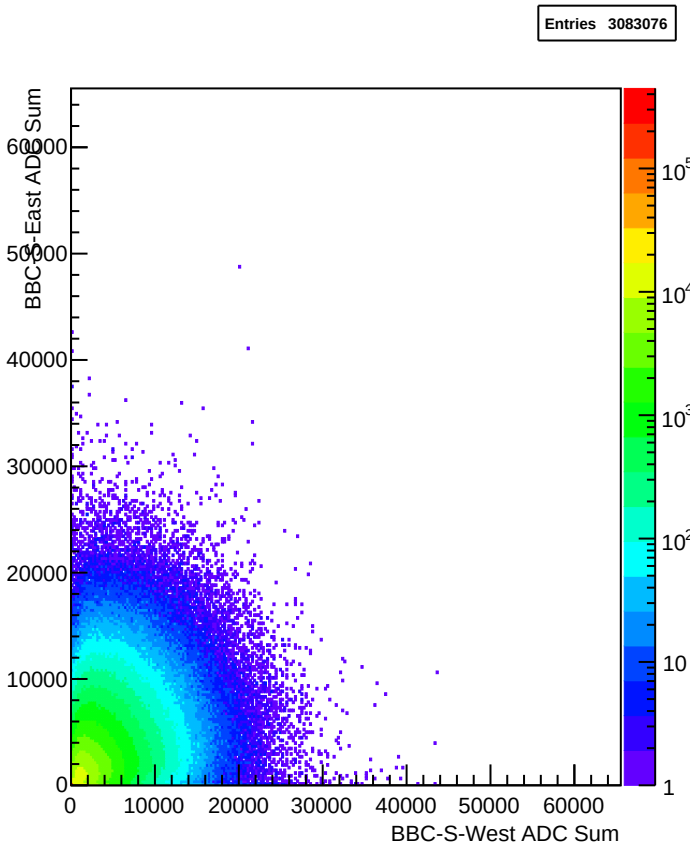

Entries 3083076
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

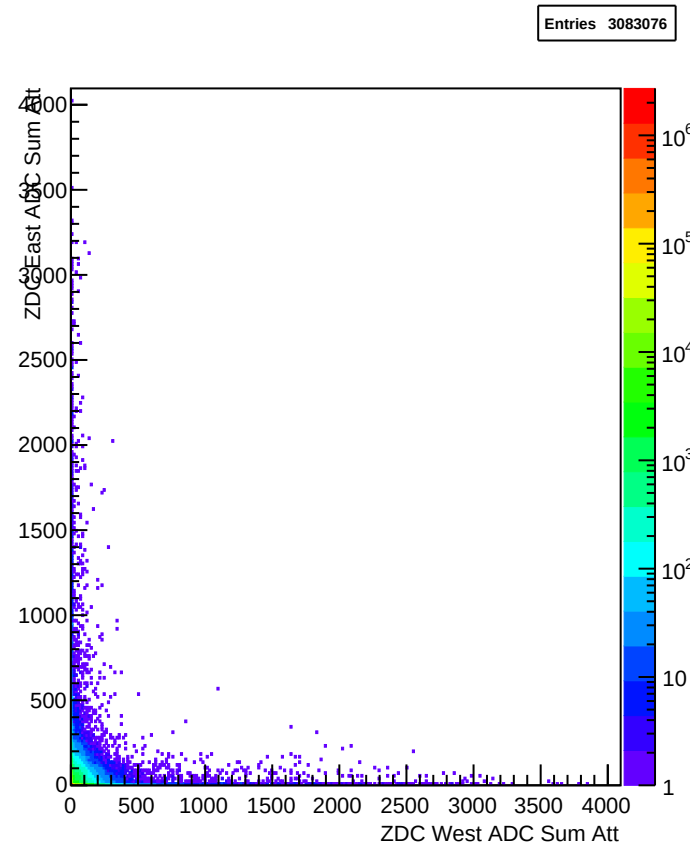

Entries 3083076
BBC-S-East ADC Sum
VPD-East ADC Sum

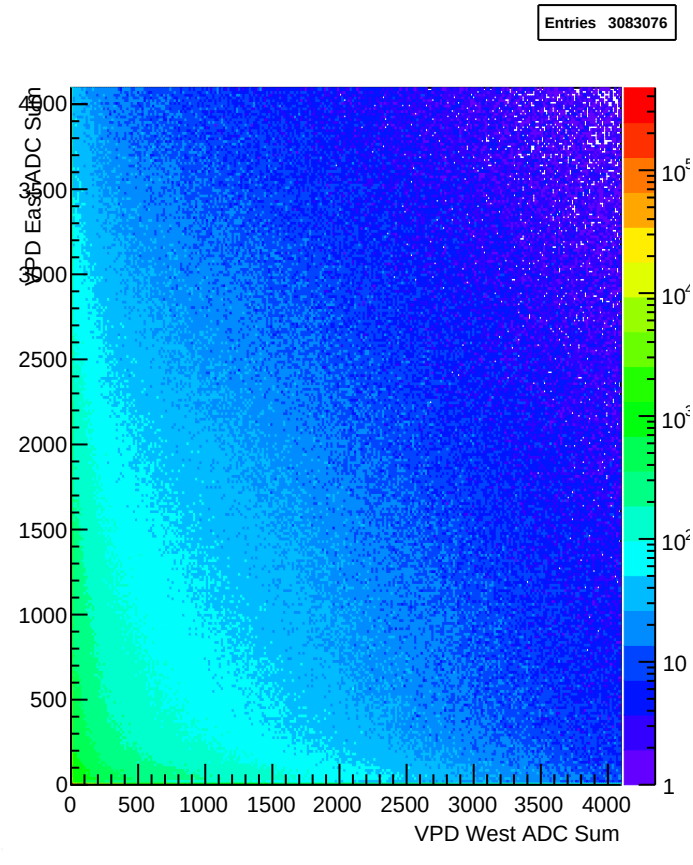

Entries 3083076
BBC-S-West ADC Sum
VPD-West ADC Sum

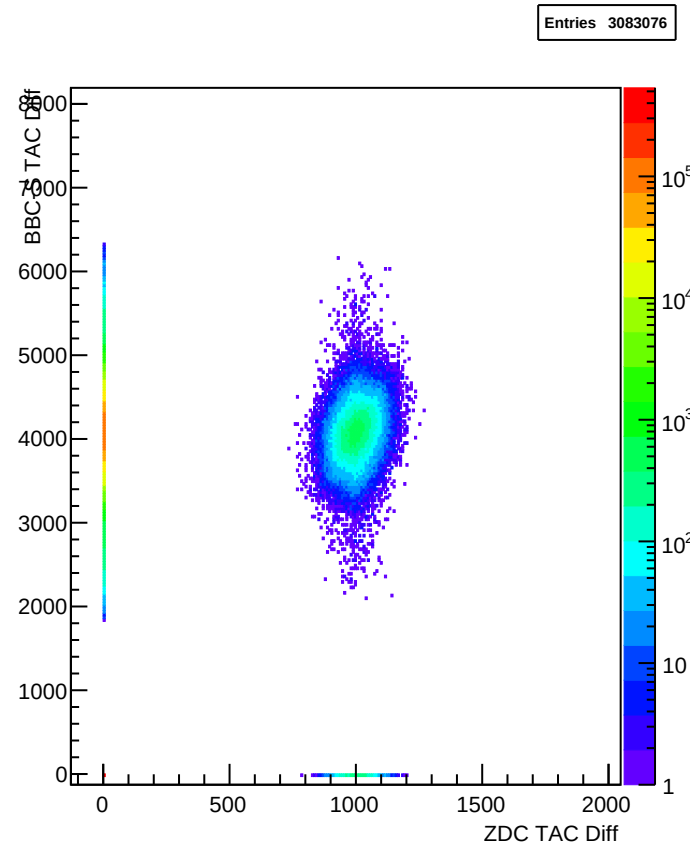

Entries 3083076
VPD-East ADC Sum
ZDC-East ADC Sum Att

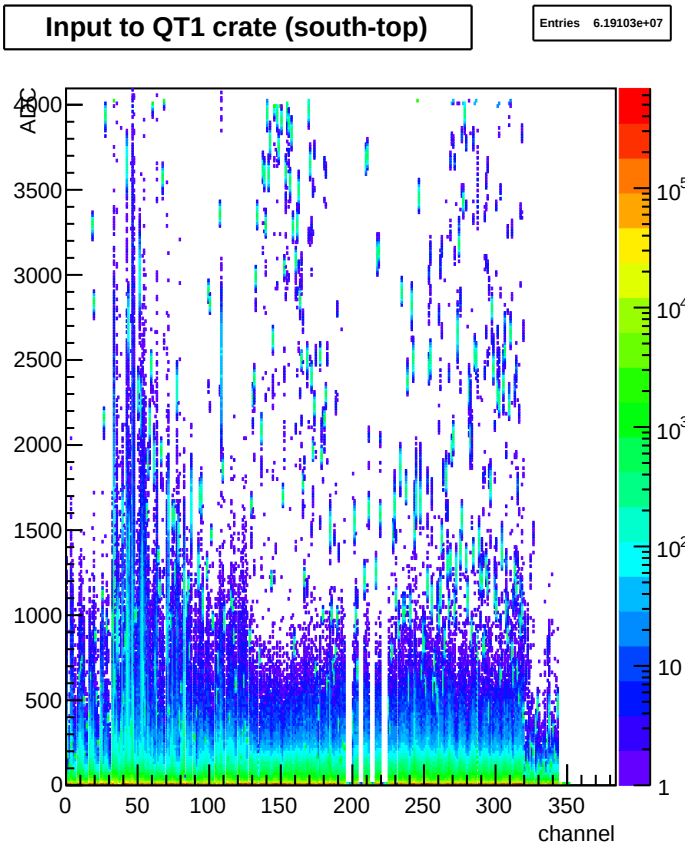

Entries 3083076
VPD-West ADC Sum
ZDC-West ADC Sum Att

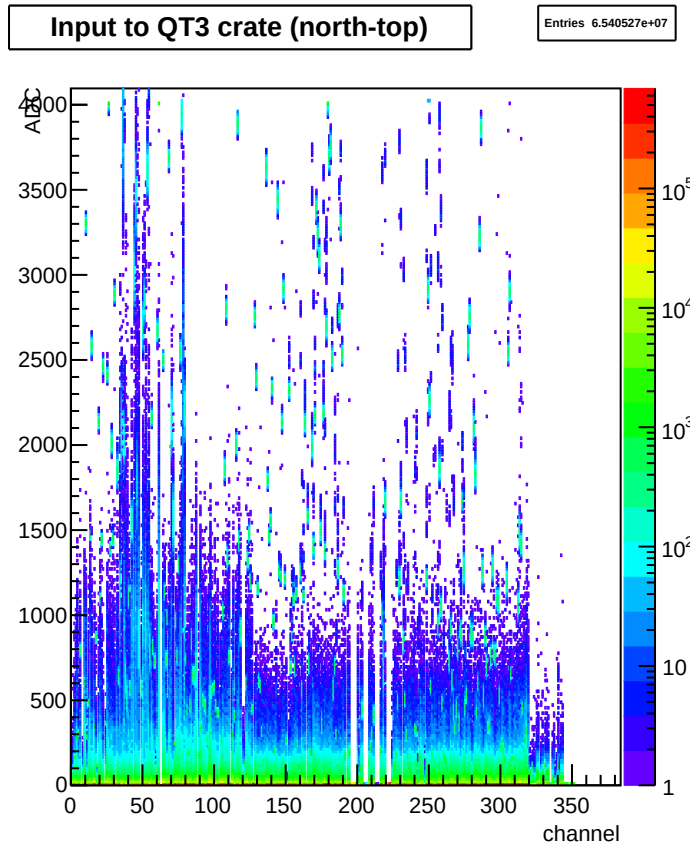

Entries 3083076
BBC-S-East ADC Sum
BBC-S-West ADC Sum

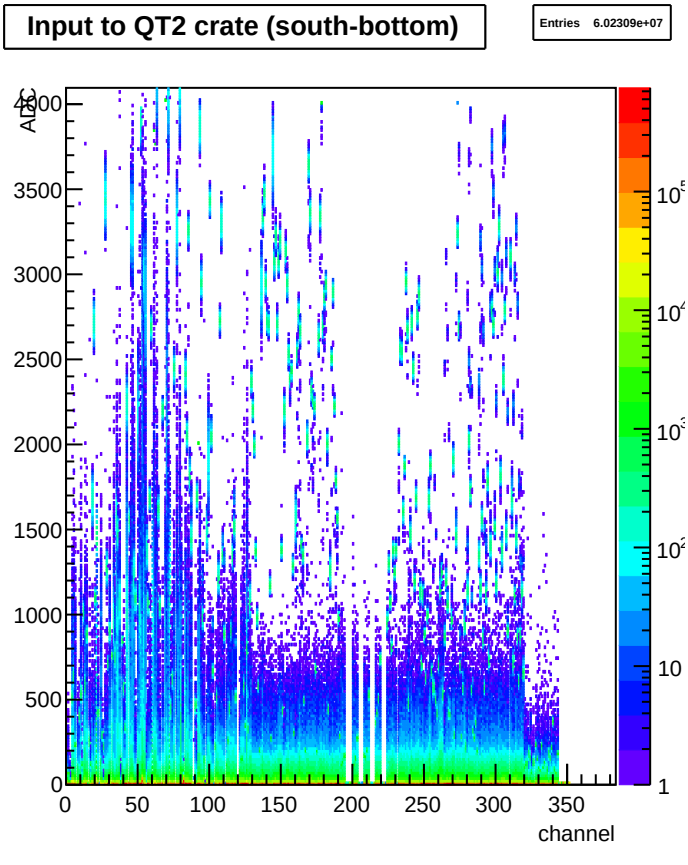

Entries 3083076
ZDC East ADC Sum Att
ZDC West ADC Sum Att

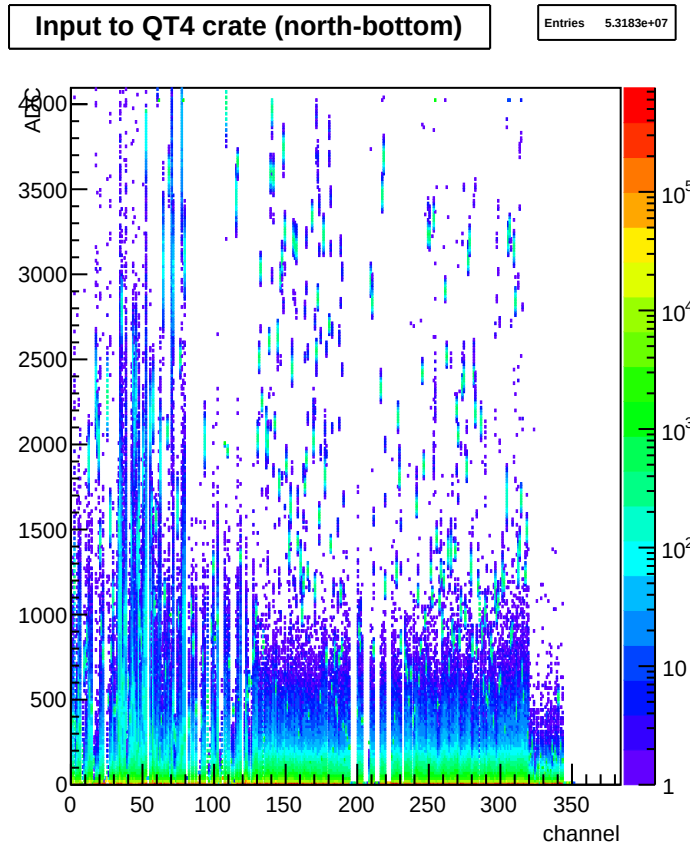

Entries 3083076
VPD East ADC Sum
VPD West ADC Sum

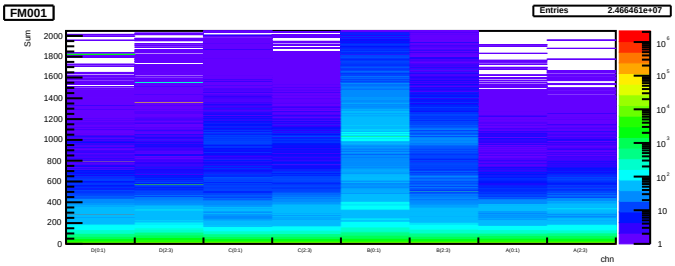

Entries 3083076
BBC-S TAC Diff
ZDC TAC Diff

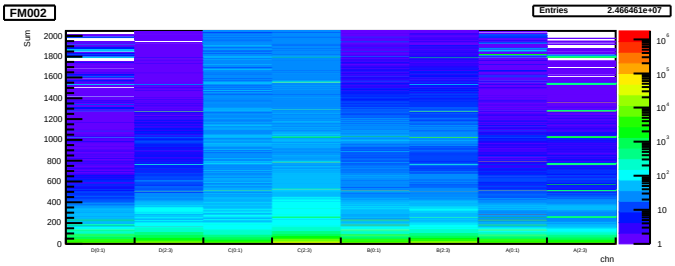

Input to QT1 crate (south-top)
Entries 6.19103e+07
ADC
channel

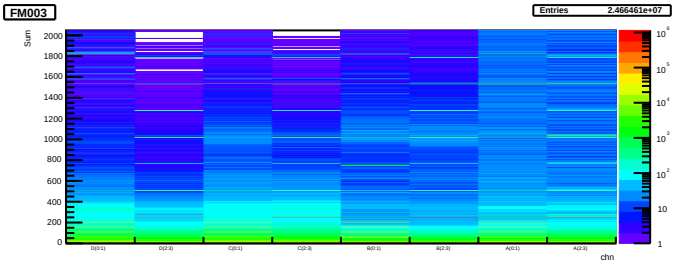

Input to QT3 crate (north-top)
Entries 6.540527e+07
ADC
channel

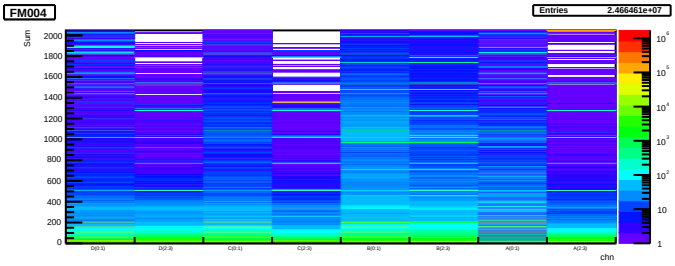

Input to QT2 crate (south-bottom)
Entries 6.02309e+07
ADC
channel

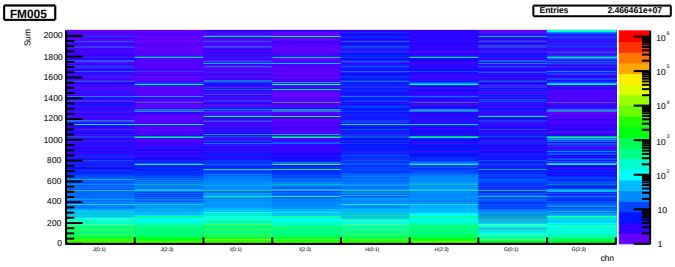

Input to QT4 crate (north-bottom)
Entries 5.3183e+07
ADC
channel

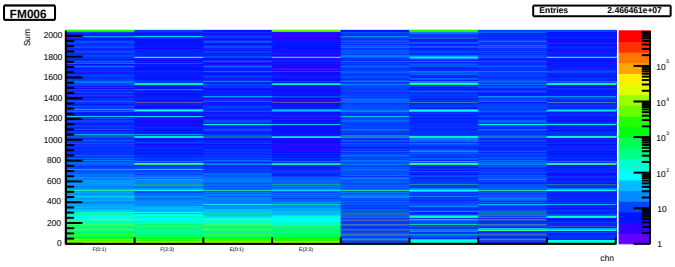

FM001
Entries 2.466461e+07
Sum
chn

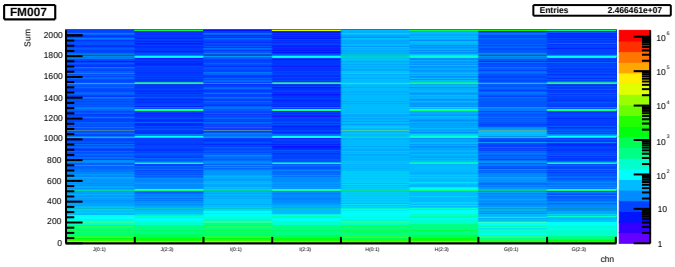

FM002
Entries 2.466461e+07
Sum
chn

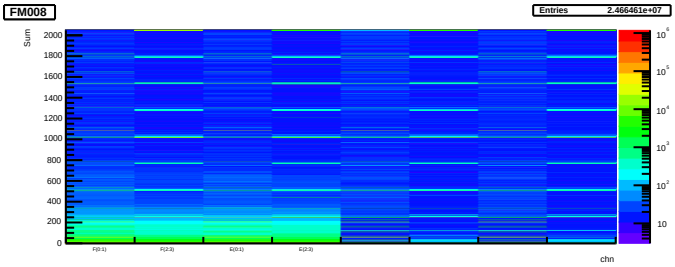

FM003
Entries 2.466461e+07
Sum
chn


FM004
Entries 2.466461e+07
Sum
chn


FM005
Entries 2.466461e+07
Sum
chn


FM006
Entries 2.466461e+07
Sum
chn


FM007
Entries 2.466461e+07
Sum
chn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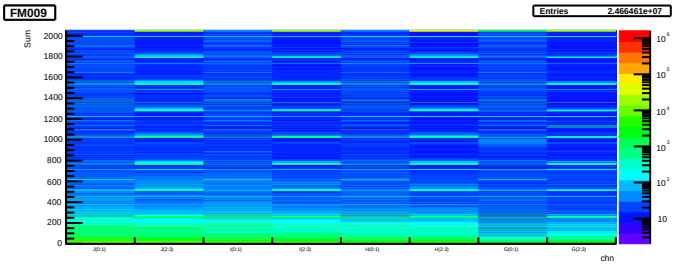
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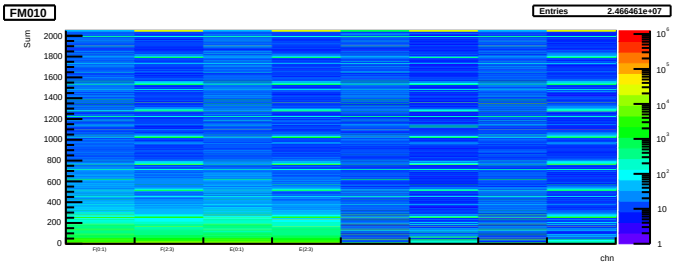
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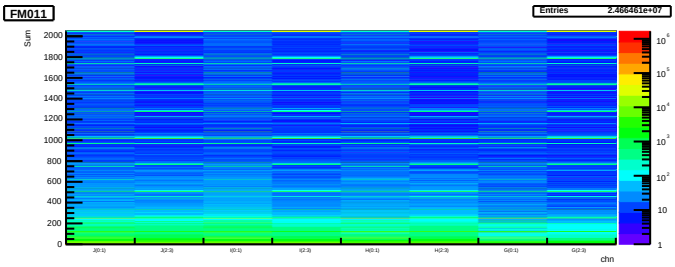
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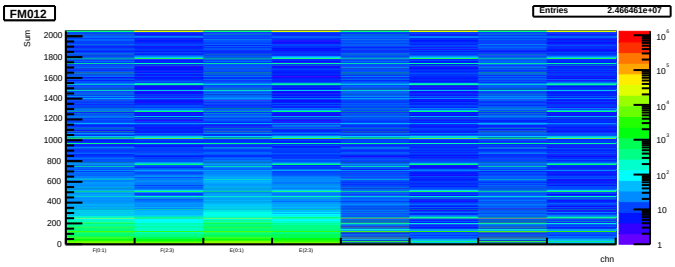
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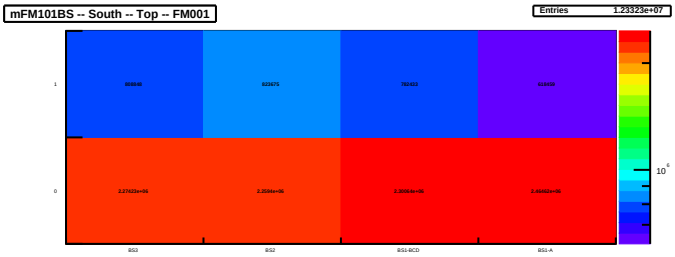
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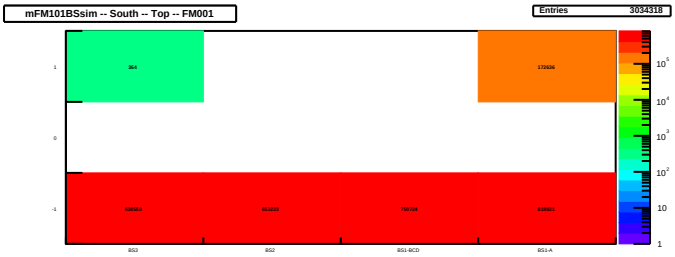
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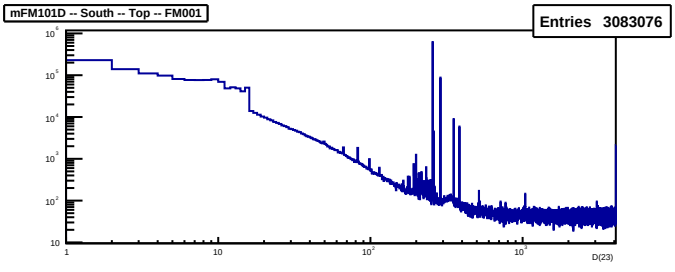
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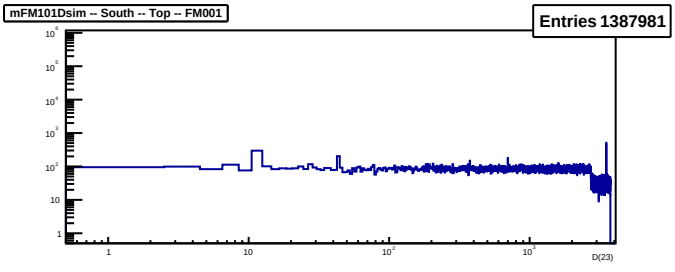
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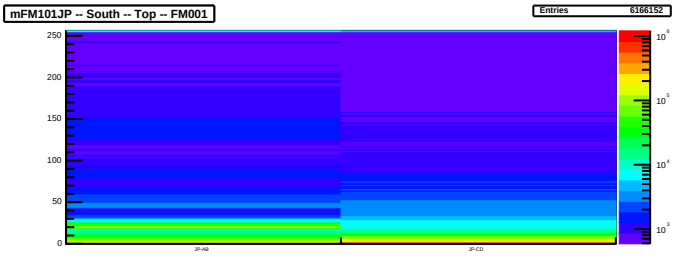
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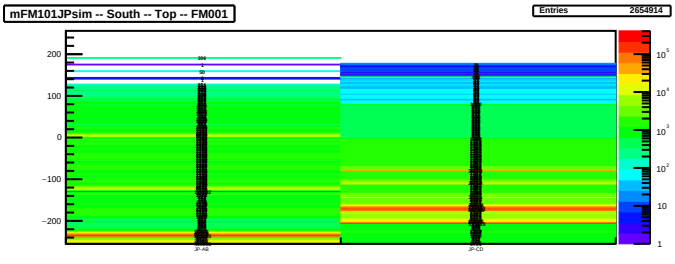
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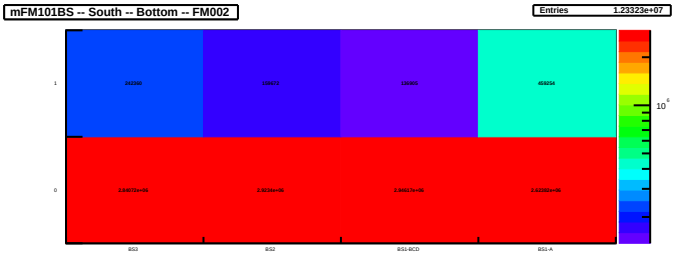
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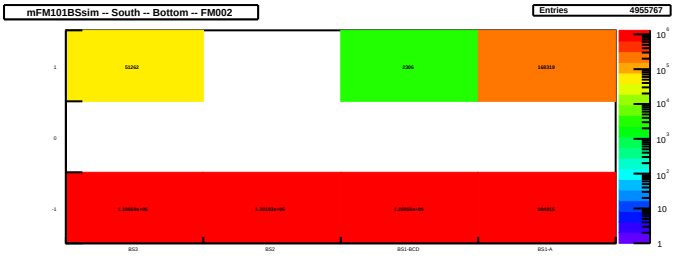
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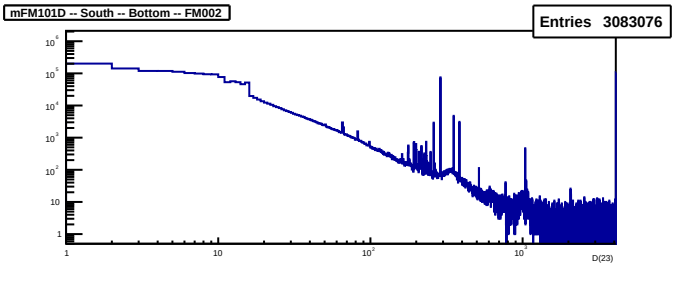
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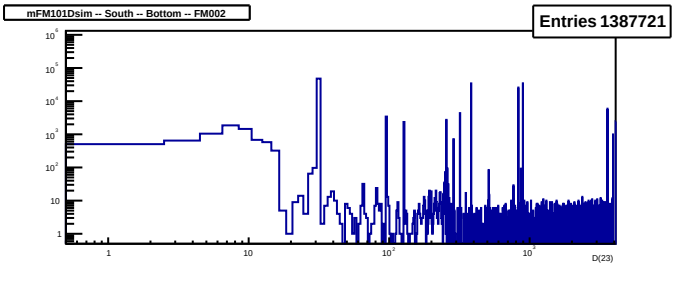
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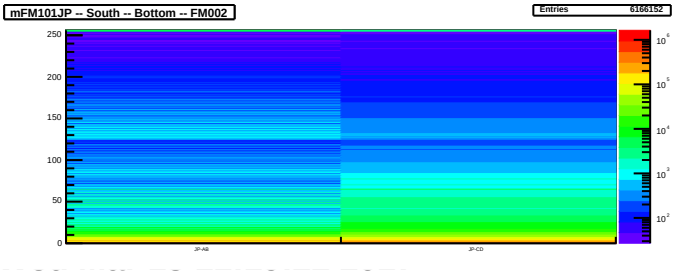
mFM101JP -- South -- Bottom -- FM002
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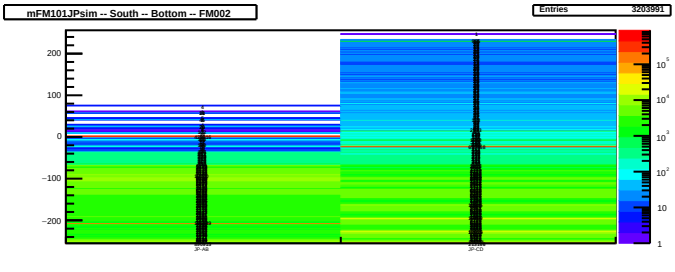
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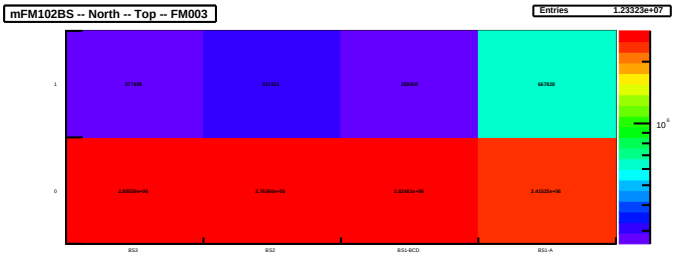

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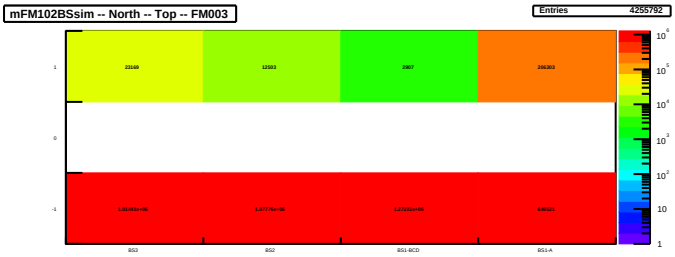

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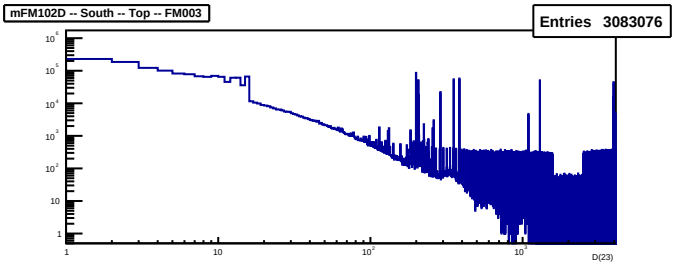

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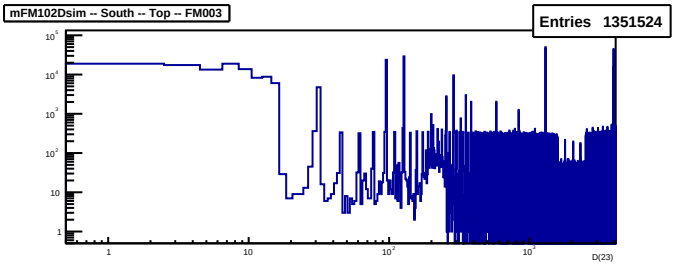

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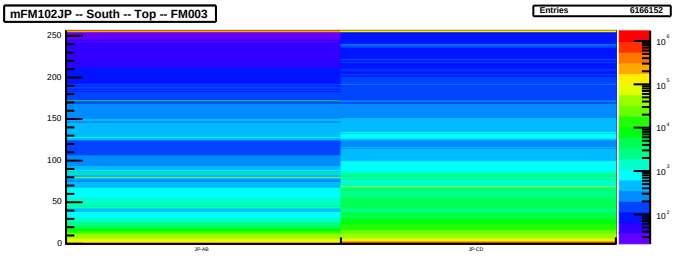

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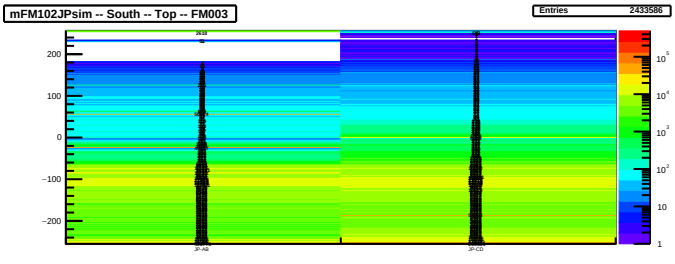

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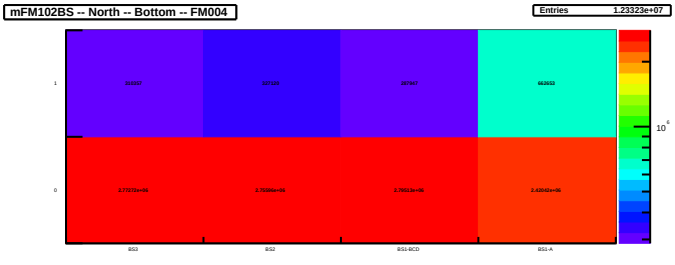

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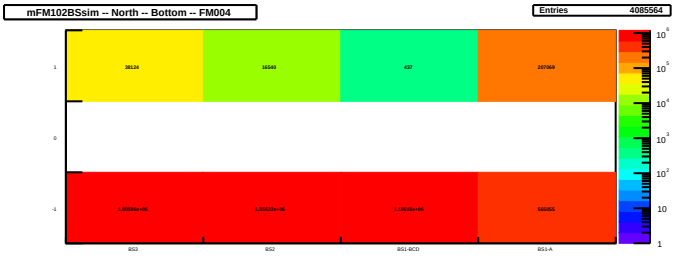

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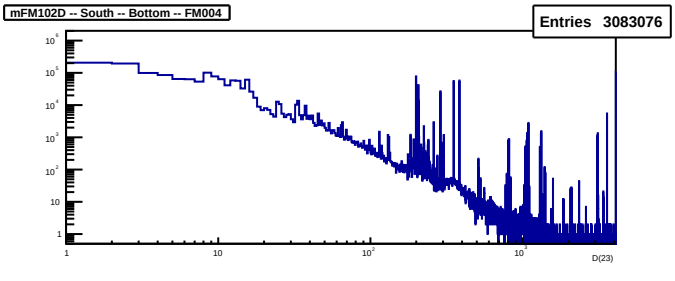

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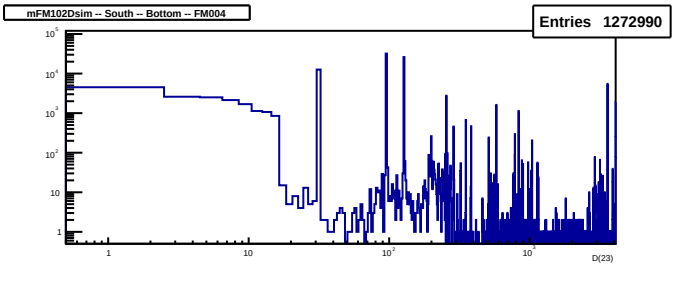

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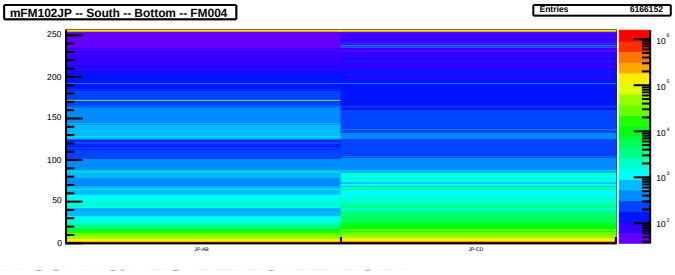

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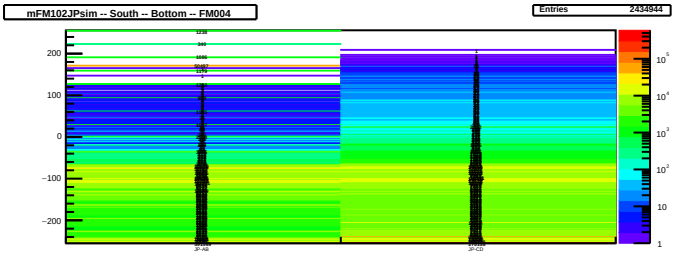

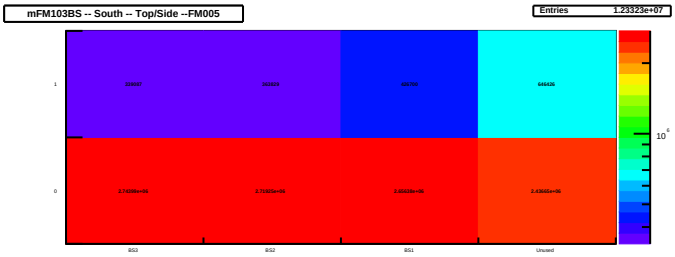
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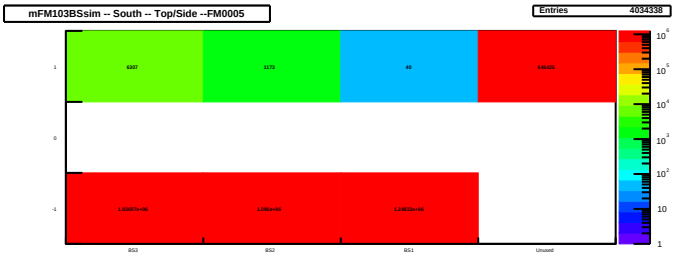
Entries 1.23323e+07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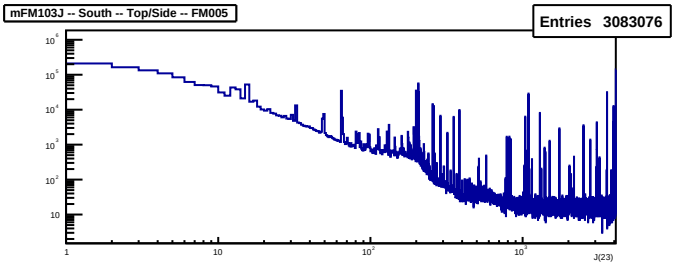
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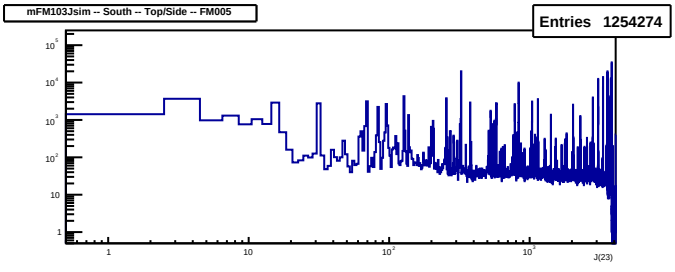
Entries 3083076
J(23)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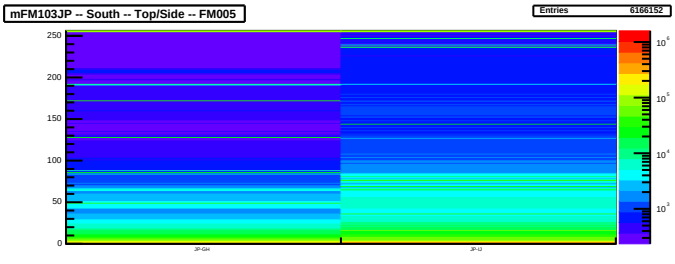
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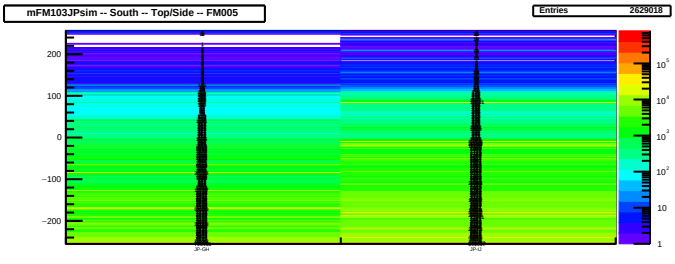
Entries 6166152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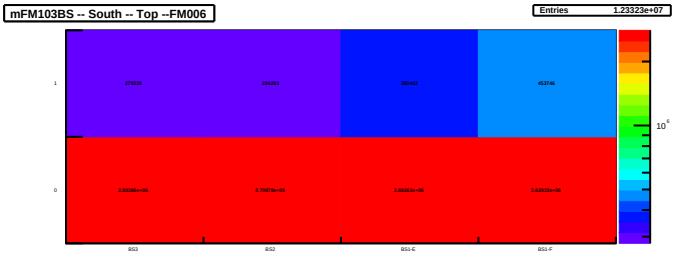
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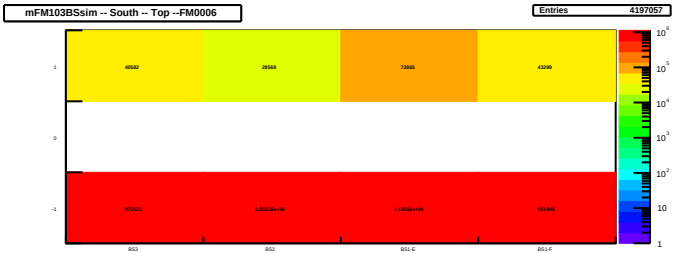
Entries 1.23323e+07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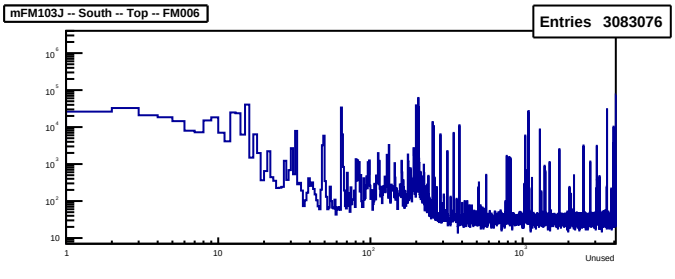
mFM103J -- South -- Top -- FM006
Entries 3083076
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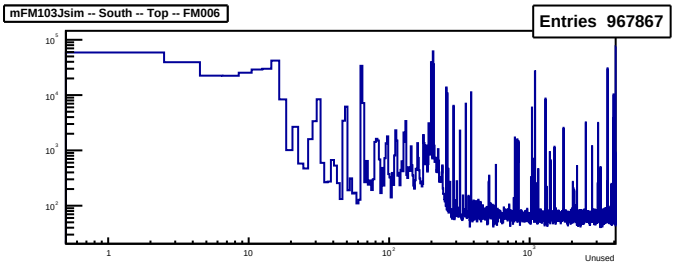
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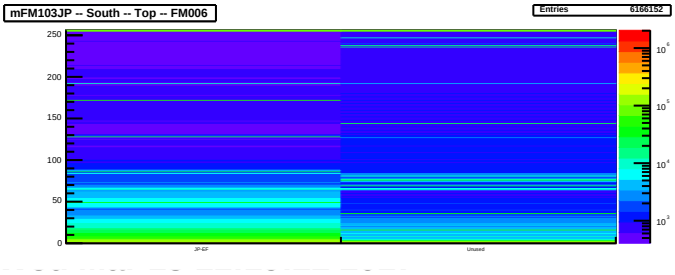
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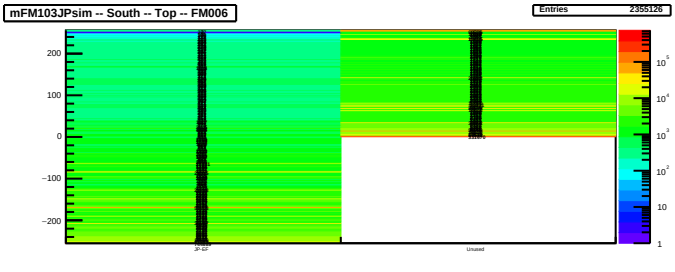
Entries 6166152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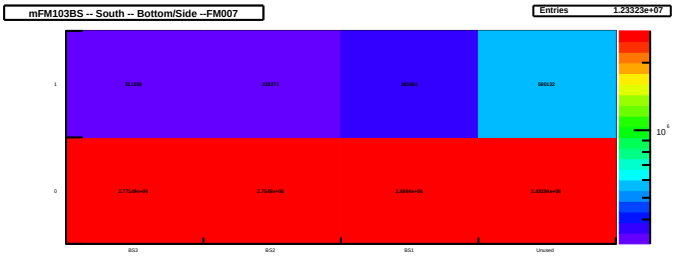
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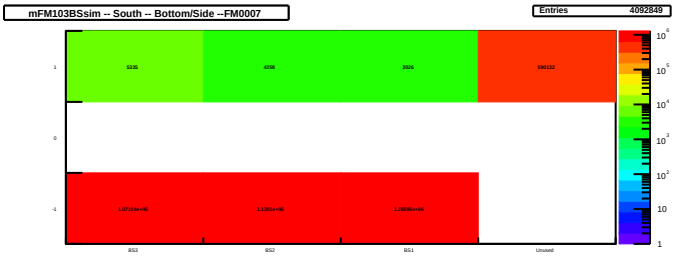
Entries 1.23323e+07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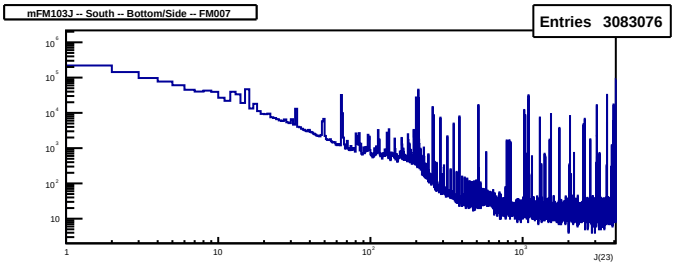
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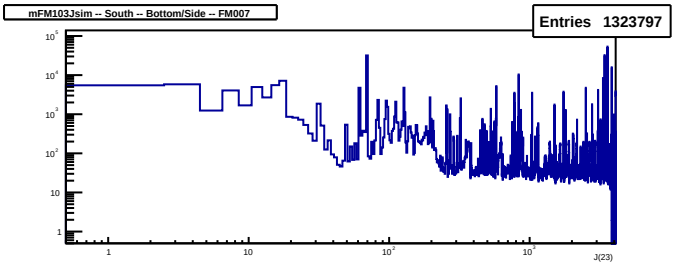
Entries 3083076
J(23)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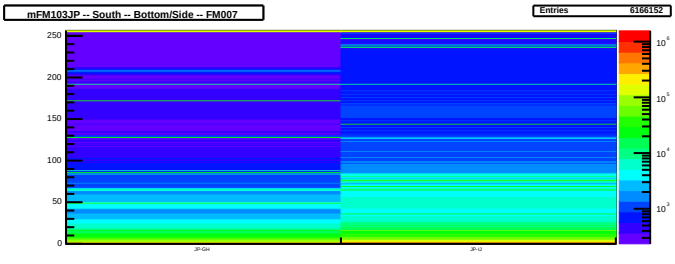
J(23)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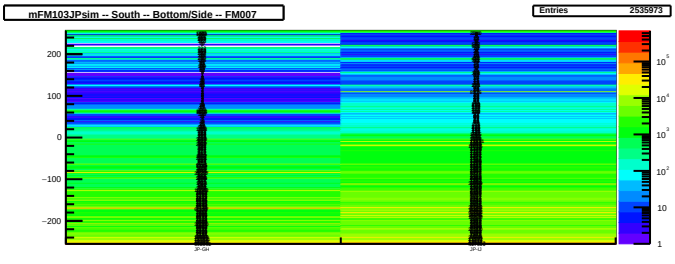
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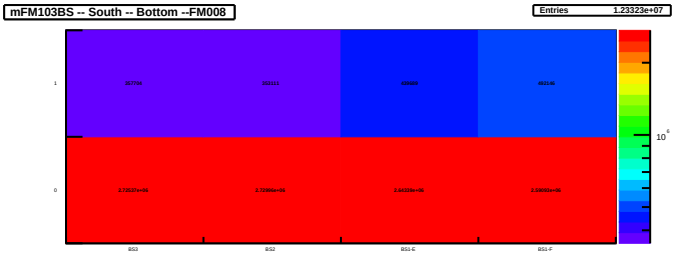
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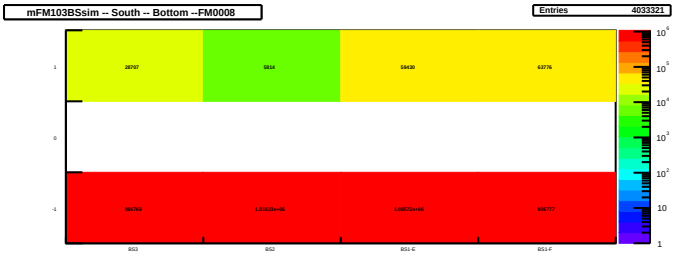
Entries 1.23323e+07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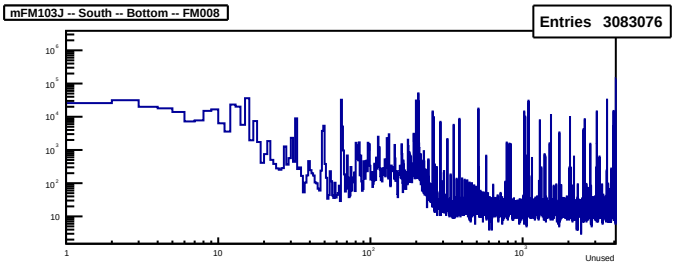
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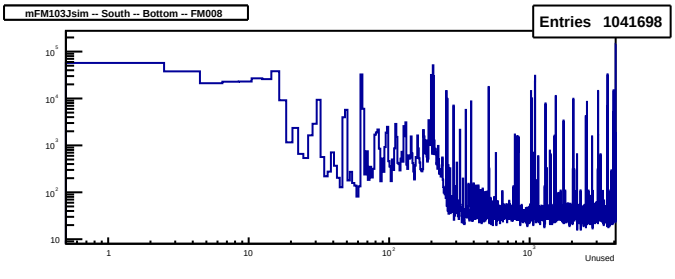
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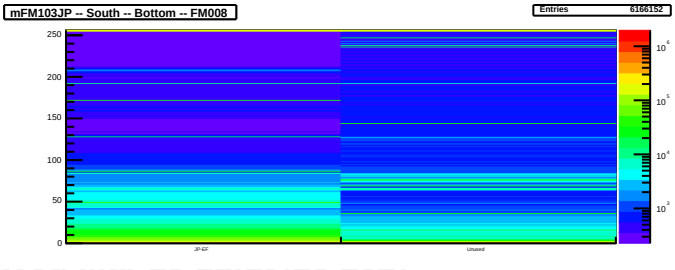
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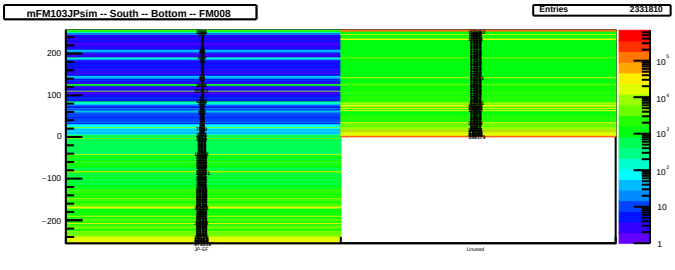
Entries 6166152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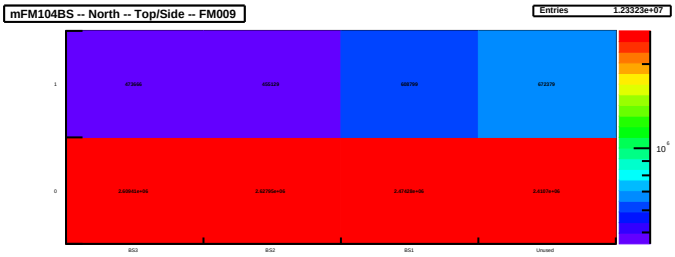
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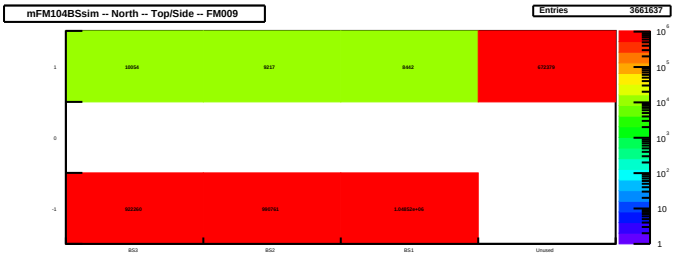
Entries 1.23323e+07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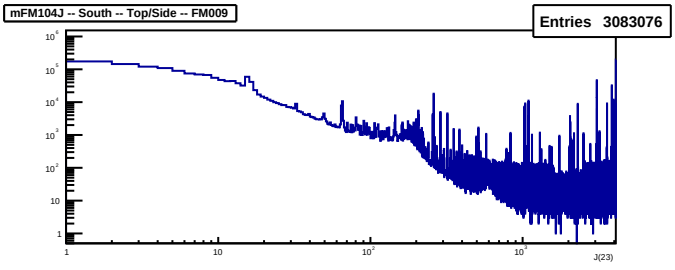
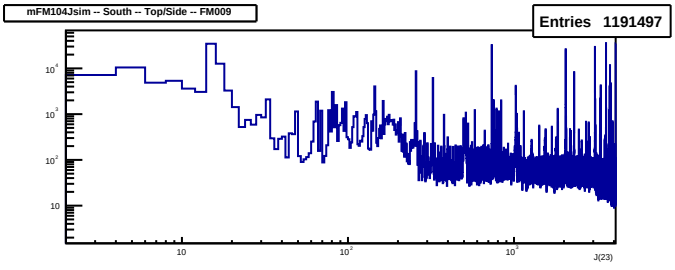
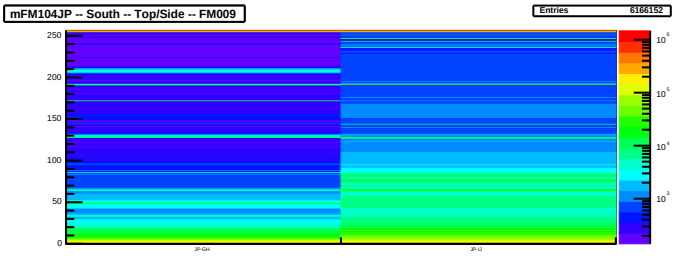
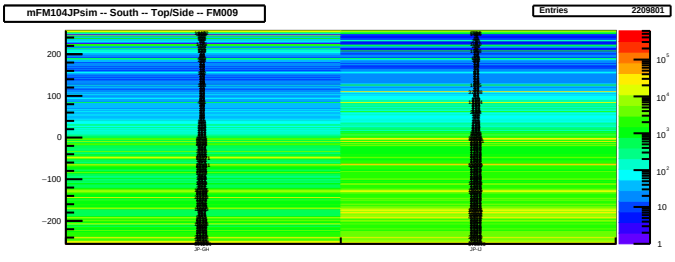
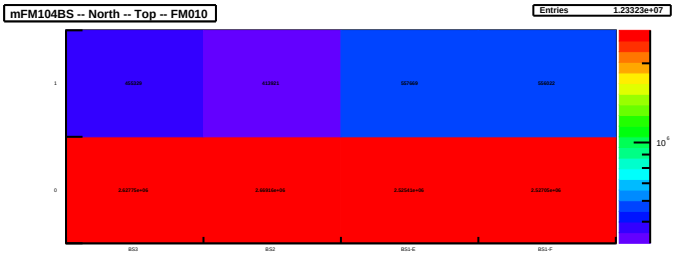
Entries 3661637

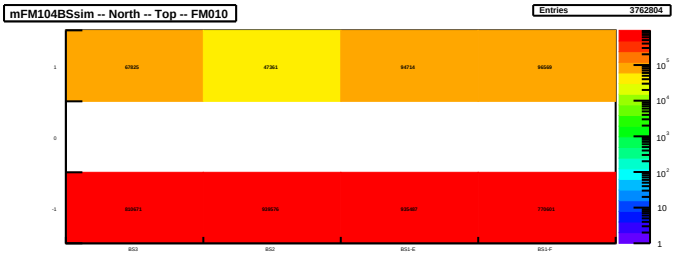

mFM104J -- South -- Top/Side -- FM009
Entries 3083076
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1191497
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 6166152


mFM104JPsim -- South -- Top/Side -- FM009
Entries 2209801


mFM104BS -- North -- Top -- FM010
Entries 1.23323e+07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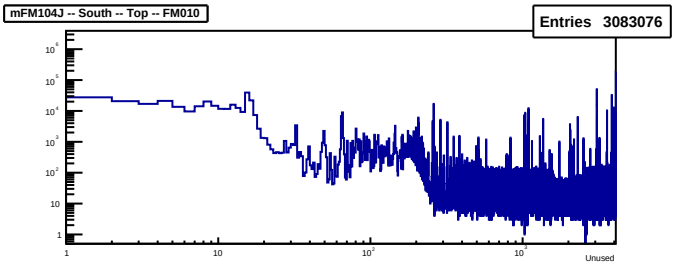
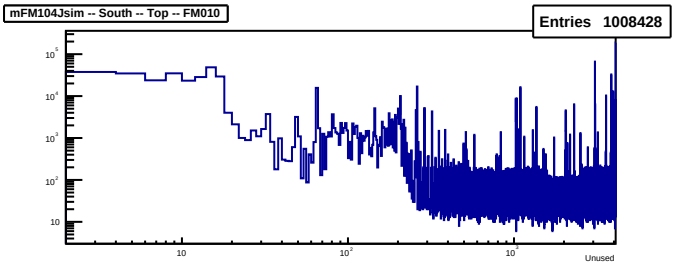
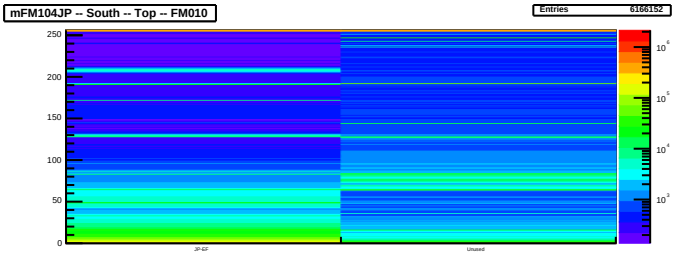
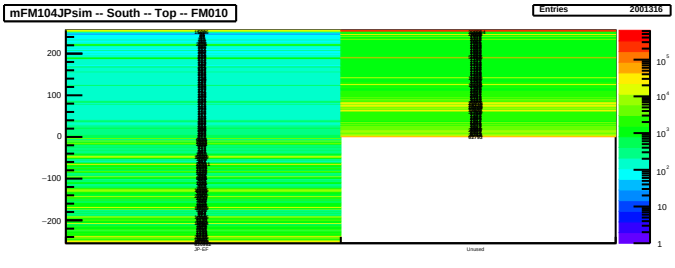
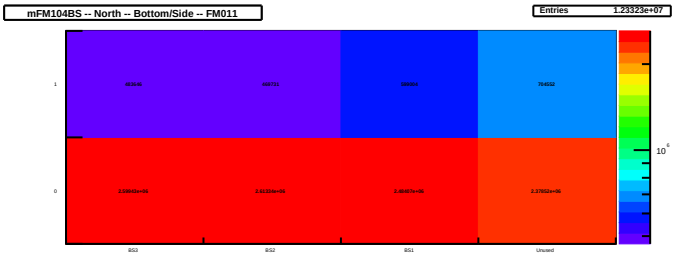
Entries 3762804

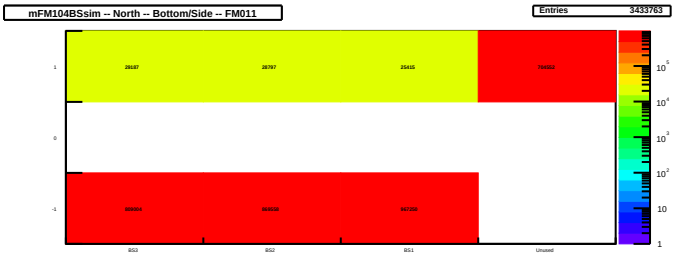

mFM104J -- South -- Top -- FM010
Entries 3083076
Unused

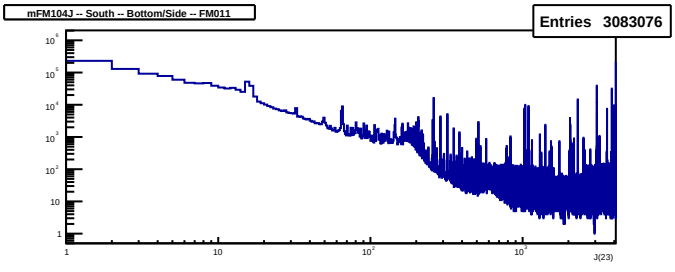

mFM104Jsim -- South -- Top -- FM010
Entries 1008428
Unused

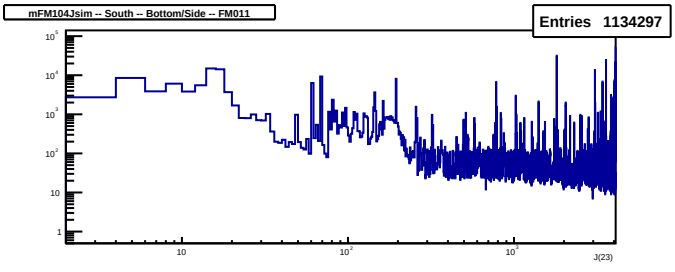

mFM104JP -- South -- Top -- FM010
Entries 6166152

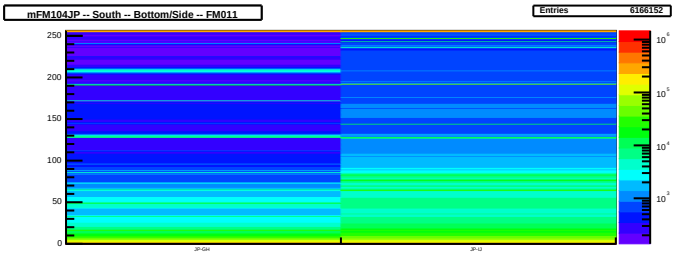

mFM104JPsim -- South -- Top -- FM010
Entries 2001316

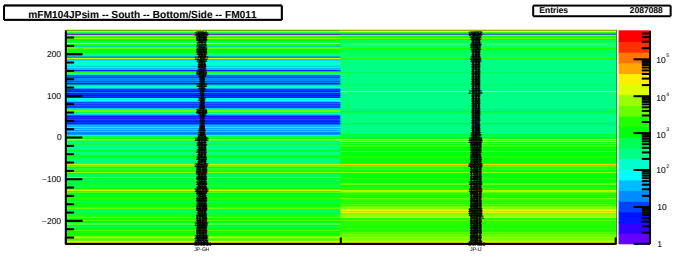

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.23323e+07
BS3
BS2
BS1
Unused

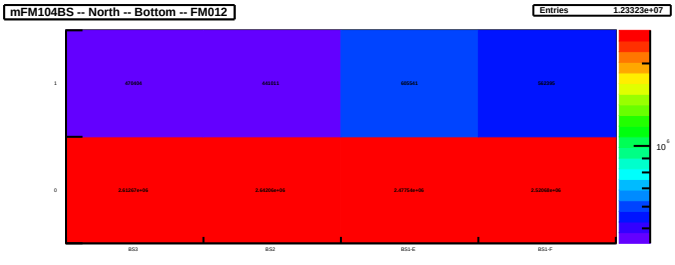

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3433763
BS3
BS2
BS1
Unused

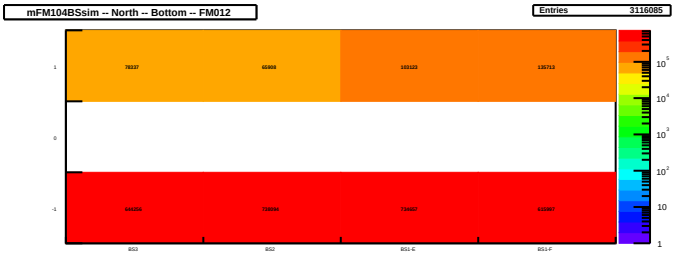

mFM104J -- South -- Bottom/Side -- FM011
Entries 3083076
J(23)

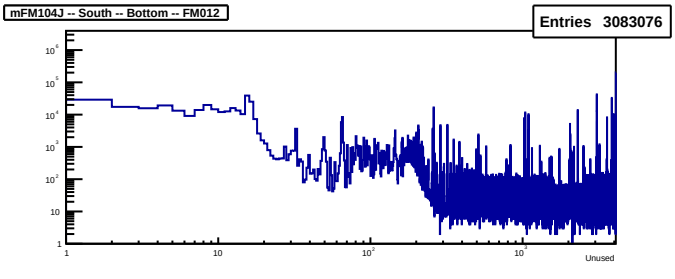

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1134297
J(23)

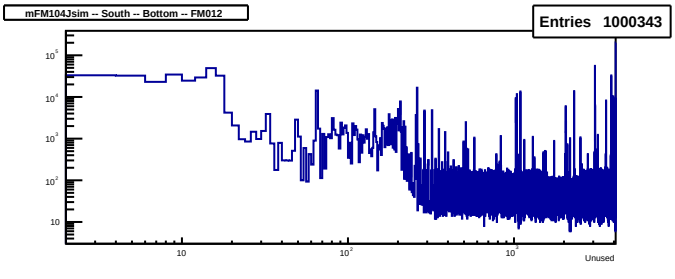

mFM104JP -- South -- Bottom/Side -- FM011
Entries 6166152
JP-GH
JP-I2

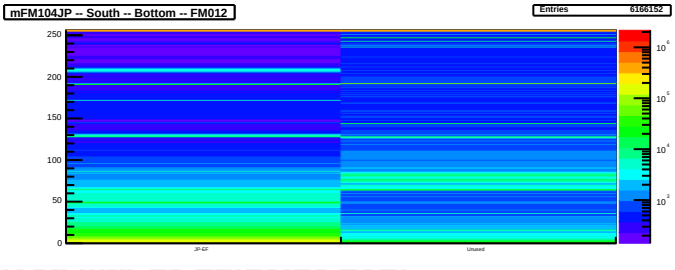

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2087088
JP-GH
JP-I2

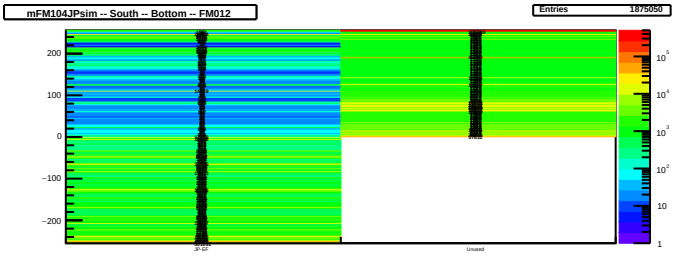

mFM104BS -- North -- Bottom -- FM012
Entries 1.23323e+07
BS3
BS2
BS1-E
BS1-F

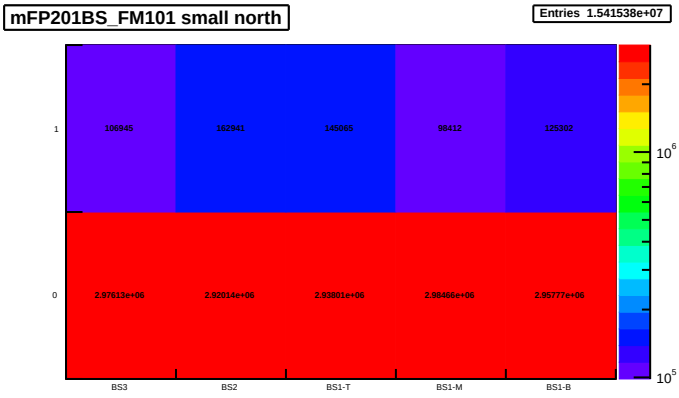

mFM104BSsim -- North -- Bottom -- FM012
Entries 3116085
BS3
BS2
BS1-E
BS1-F

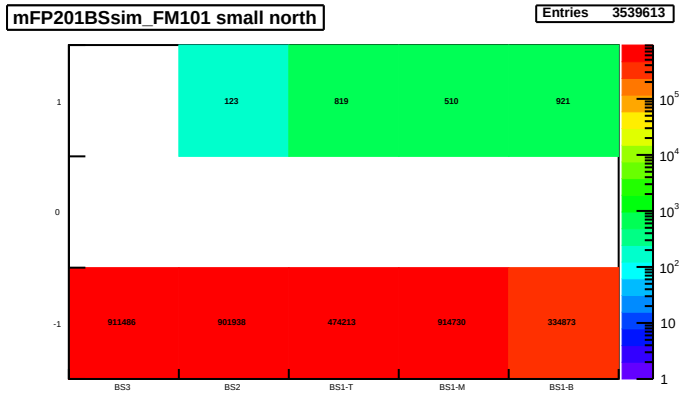

mFM104J -- South -- Bottom -- FM012
Entries 3083076
Unused

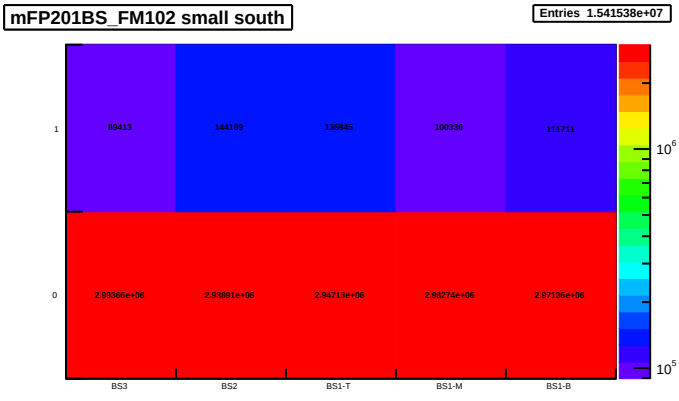

mFM104Jsim -- South -- Bottom -- FM012
Entries 1000343
Unused

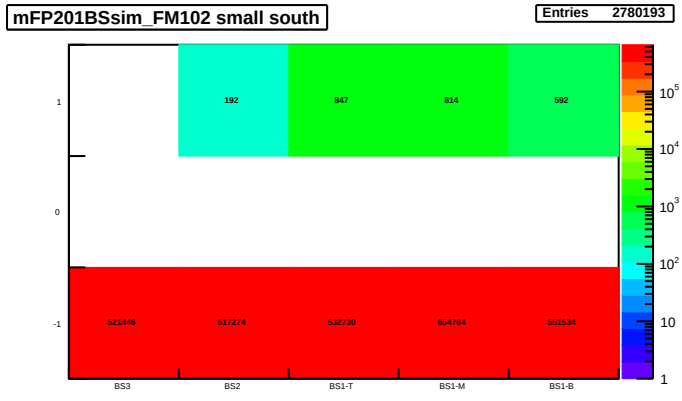

mFM104JP -- South -- Bottom -- FM012
Entries 6166152
JP-EF
Unused

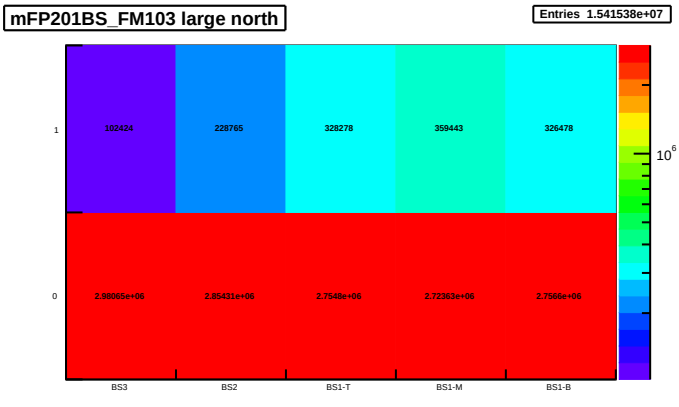

mFM104JPsim -- South -- Bottom -- FM012
Entries 1875050
JP-EF
Unused

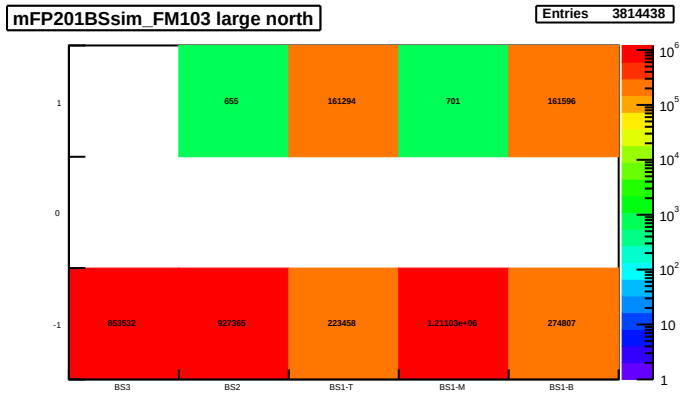

mFP201BS_FM101 small north
Entries 1.541538e+07
106945
162941
145065
98412
125302
2.97613e+06
2.92014e+06
2.93801e+06
2.98466e+06
2.95777e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

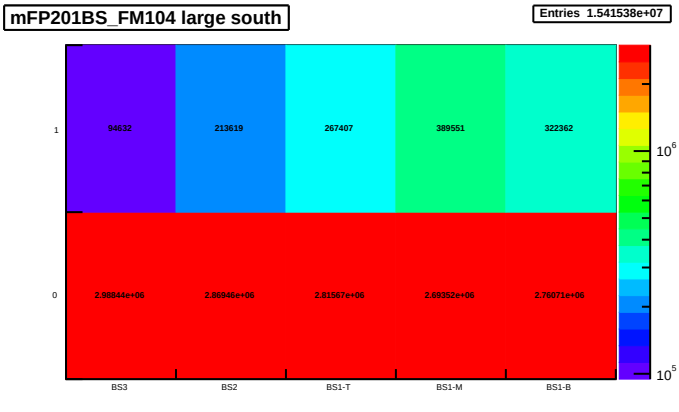

mFP201BSsim_FM101 small north
Entries 3539613
123
819
510
921
911486
901938
474213
914730
334873
BS3
BS2
BS1-T
BS1-M
BS1-B

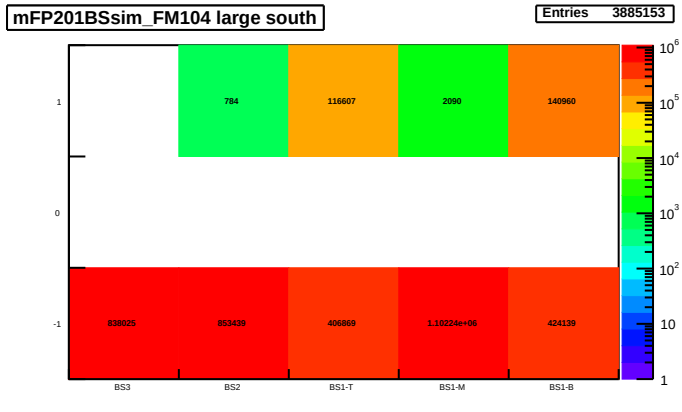

mFP201BS_FM102 small south
Entries 1.541538e+07
89413
144169
135945
100336
111711
2.99366e+06
2.93891e+06
2.94713e+06
2.98274e+06
2.97136e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

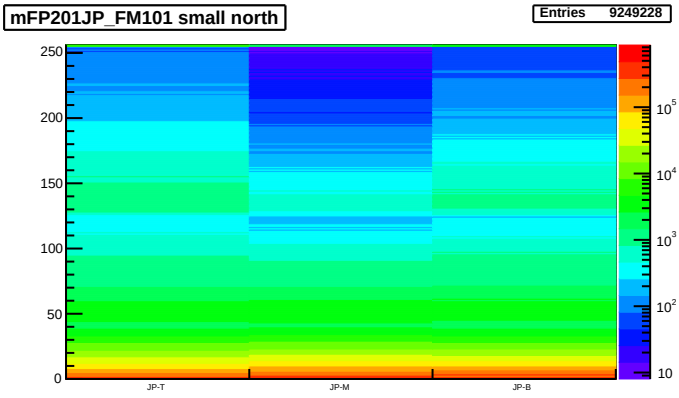

mFP201BSsim_FM102 small south
Entries 2780193
192
847
814
592
521446
517274
532730
654764
551534
BS3
BS2
BS1-T
BS1-M
BS1-B

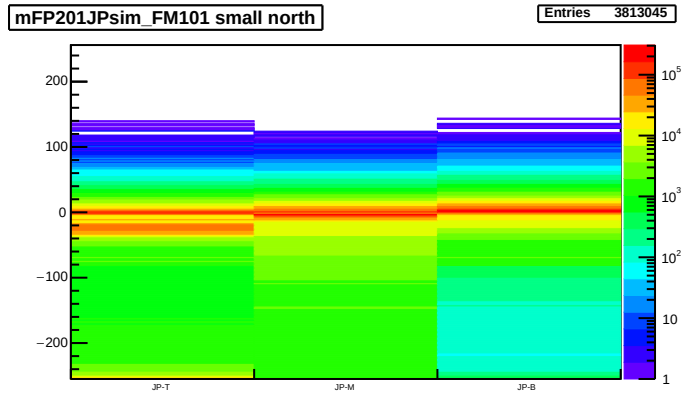

mFP201BS_FM103 large north
Entries 1.541538e+07
102424
228765
328278
359443
326478
2.98065e+06
2.85431e+06
2.7548e+06
2.72363e+06
2.7566e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

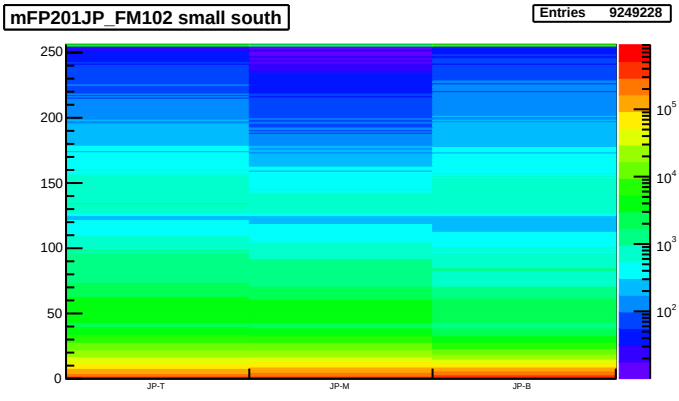

mFP201BSsim_FM103 large north
Entries 3814438
655
161294
701
161596
853532
927365
223458
1.21103e+06
274807
BS3
BS2
BS1-T
BS1-M
BS1-B

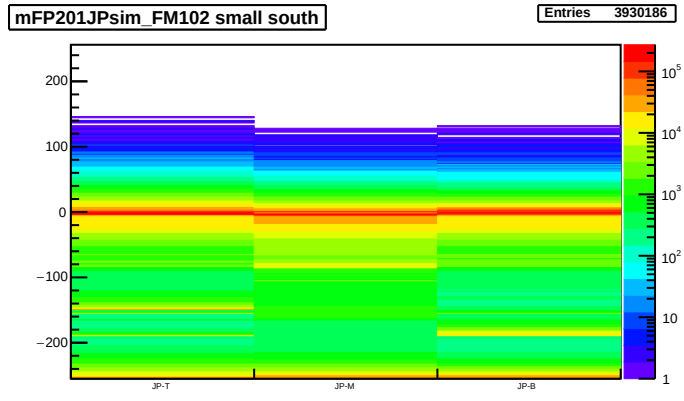

mFP201BS_FM104 large south
Entries 1.541538e+07
94632
213619
267407
389551
322362
2.98844e+06
2.86946e+06
2.81567e+06
2.69352e+06
2.76071e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

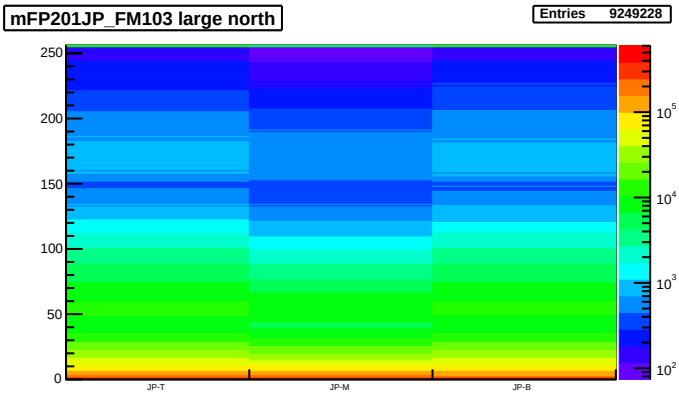

mFP201BSsim_FM104 large south
Entries 3885153
784
116607
2090
140960
838025
853439
406869
1.10224e+06
424139
BS3
BS2
BS1-T
BS1-M
BS1-B

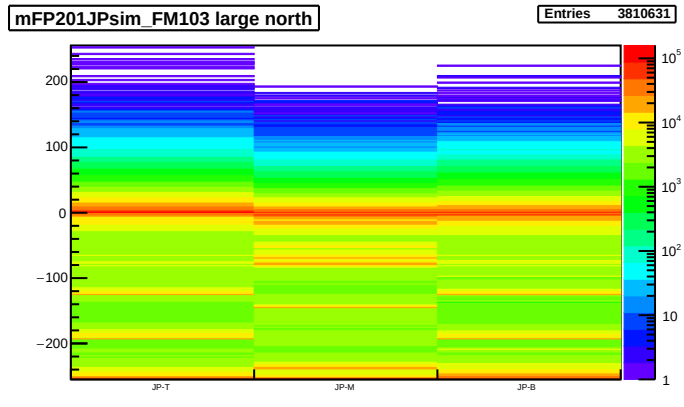

mFP201JP_FM101 small north
Entries 9249228
JP-T
JP-M
JP-B

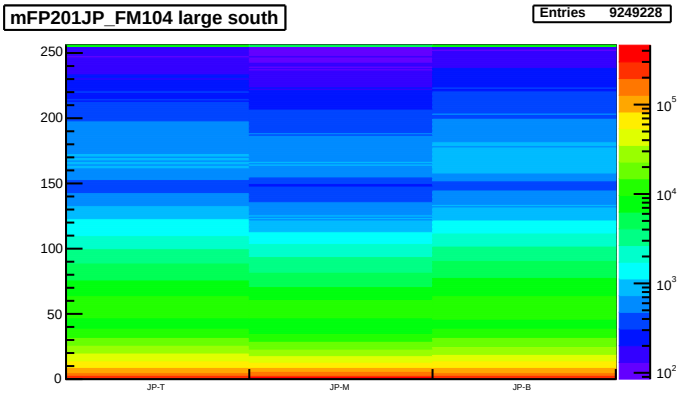

mFP201JPsim_FM101 small north
Entries 3813045
JP-T
JP-M
JP-B

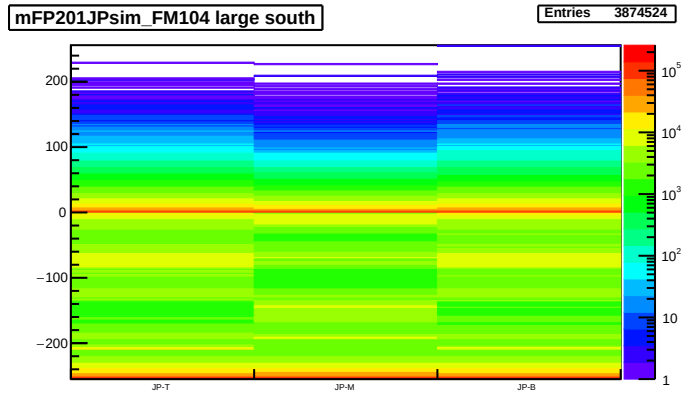

mFP201JP_FM102 small south
Entries 9249228
JP-T
JP-M
JP-B

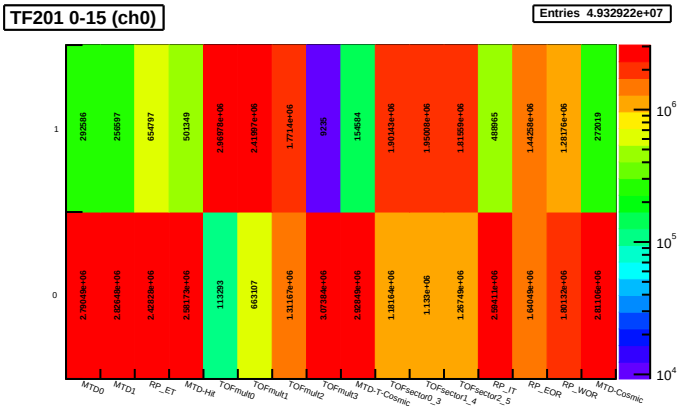

mFP201JPsim_FM102 small south
Entries 3930186
JP-T
JP-M
JP-B

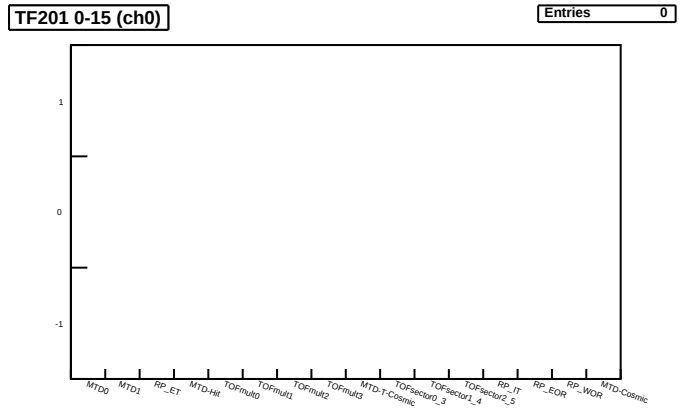

mFP201JP_FM103 large north
Entries 9249228
JP-T
JP-M
JP-B

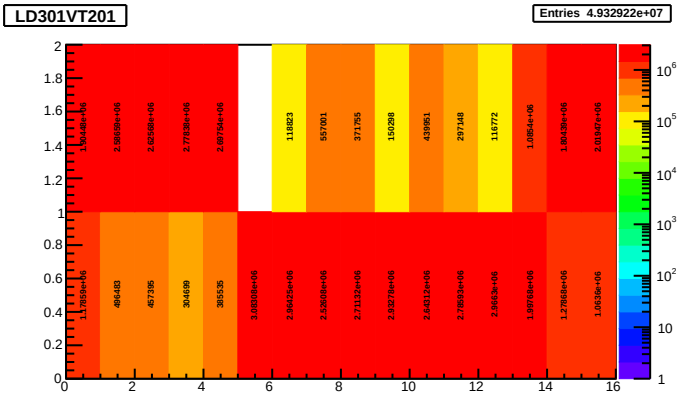

mFP201JPsim_FM103 large north
Entries 3810631
JP-T
JP-M
JP-B

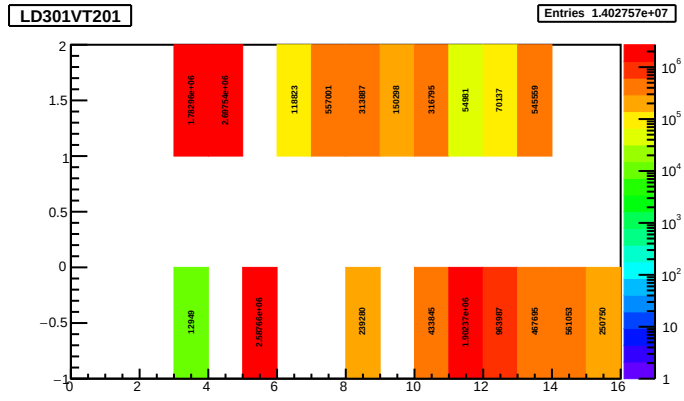

mFP201JP_FM104 large south
Entries 9249228
JP-T
JP-M
JP-B

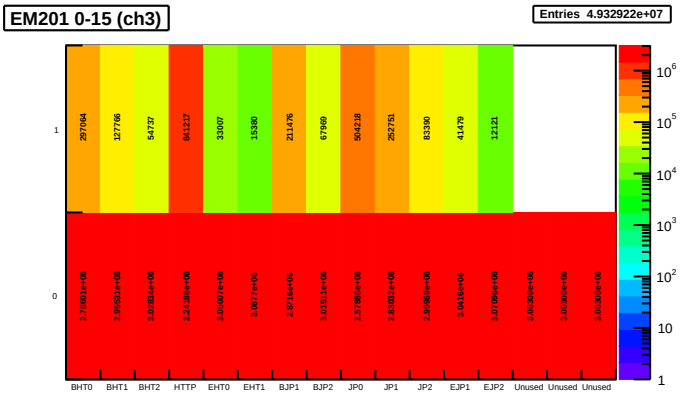

mFP201JPsim_FM104 large south
Entries 3874524
JP-T
JP-M
JP-B

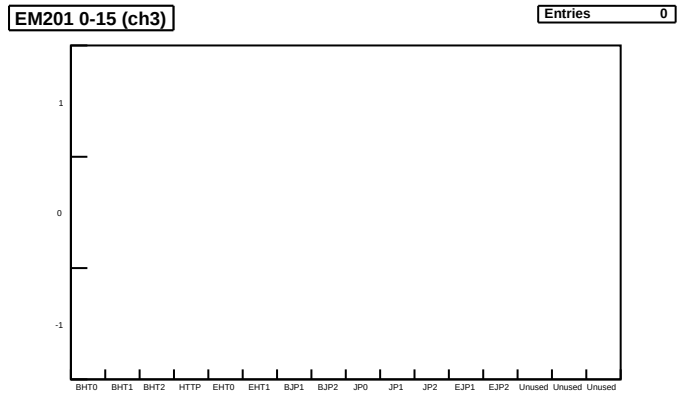

TF201 0-15 (ch0)
Entries 4.932922e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

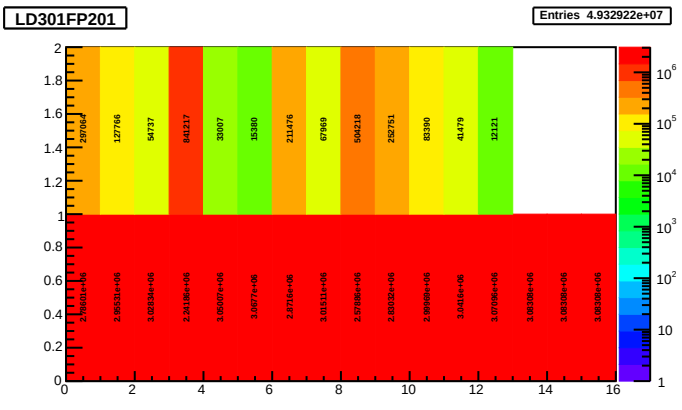

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

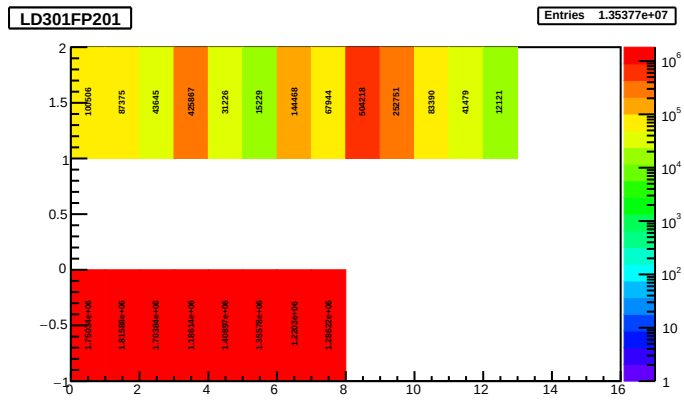

LD301VT201
Entries 4.932922e+07


LD301VT201
Entries 1.402757e+07


EM201 0-15 (ch3)
Entries 4.932922e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 4.932922e+07


LD301FP201
Entries 1.35377e+07