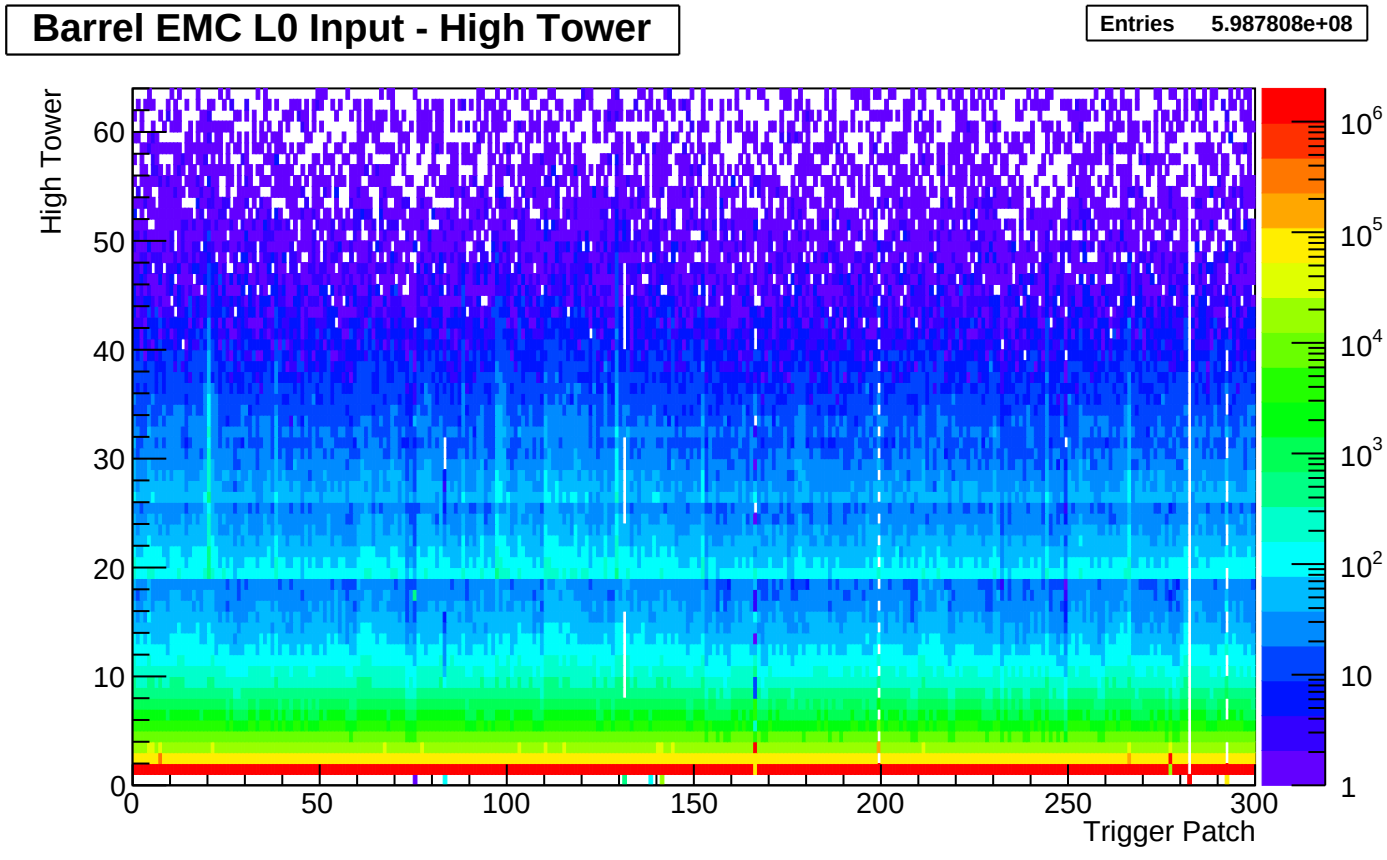
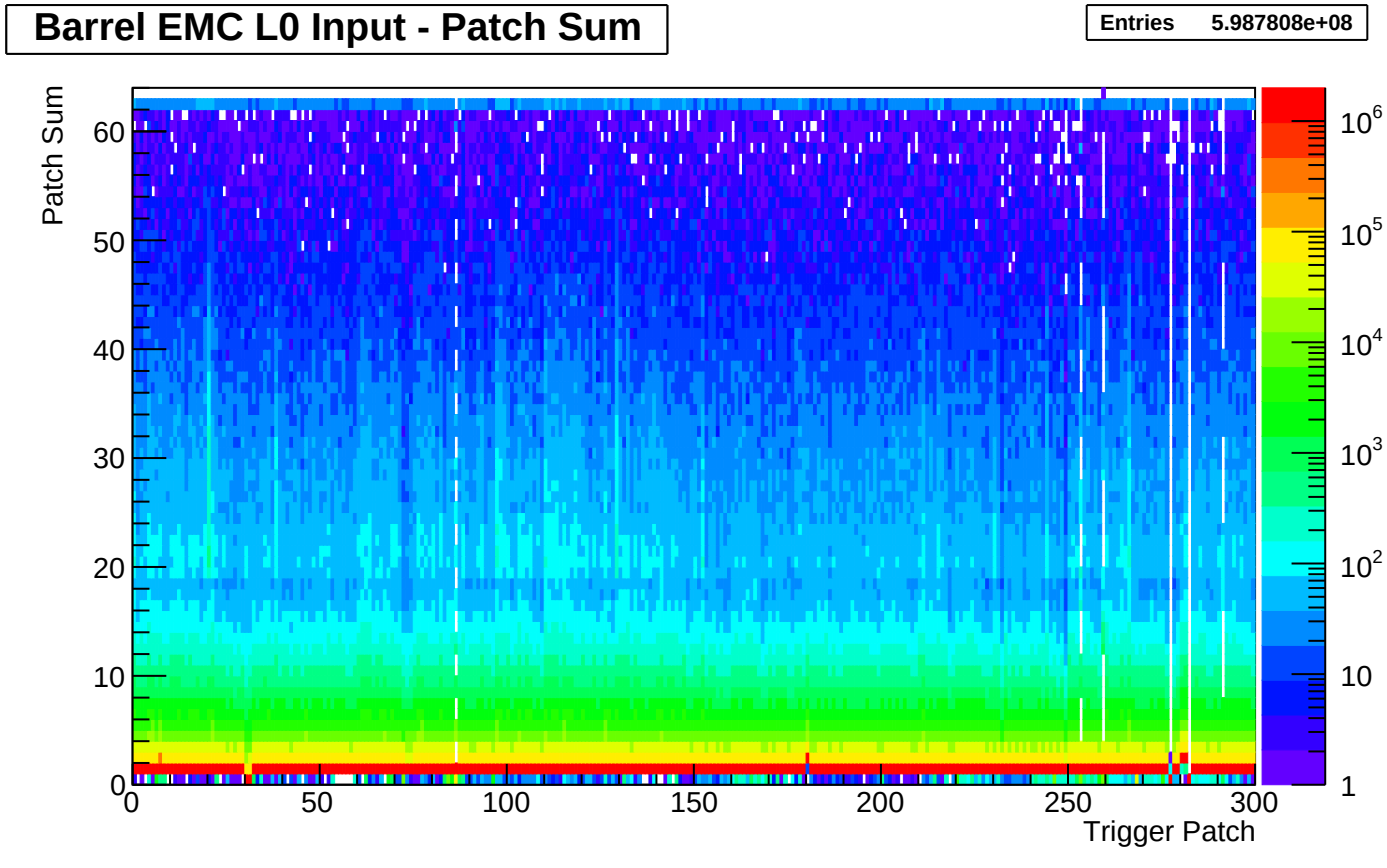
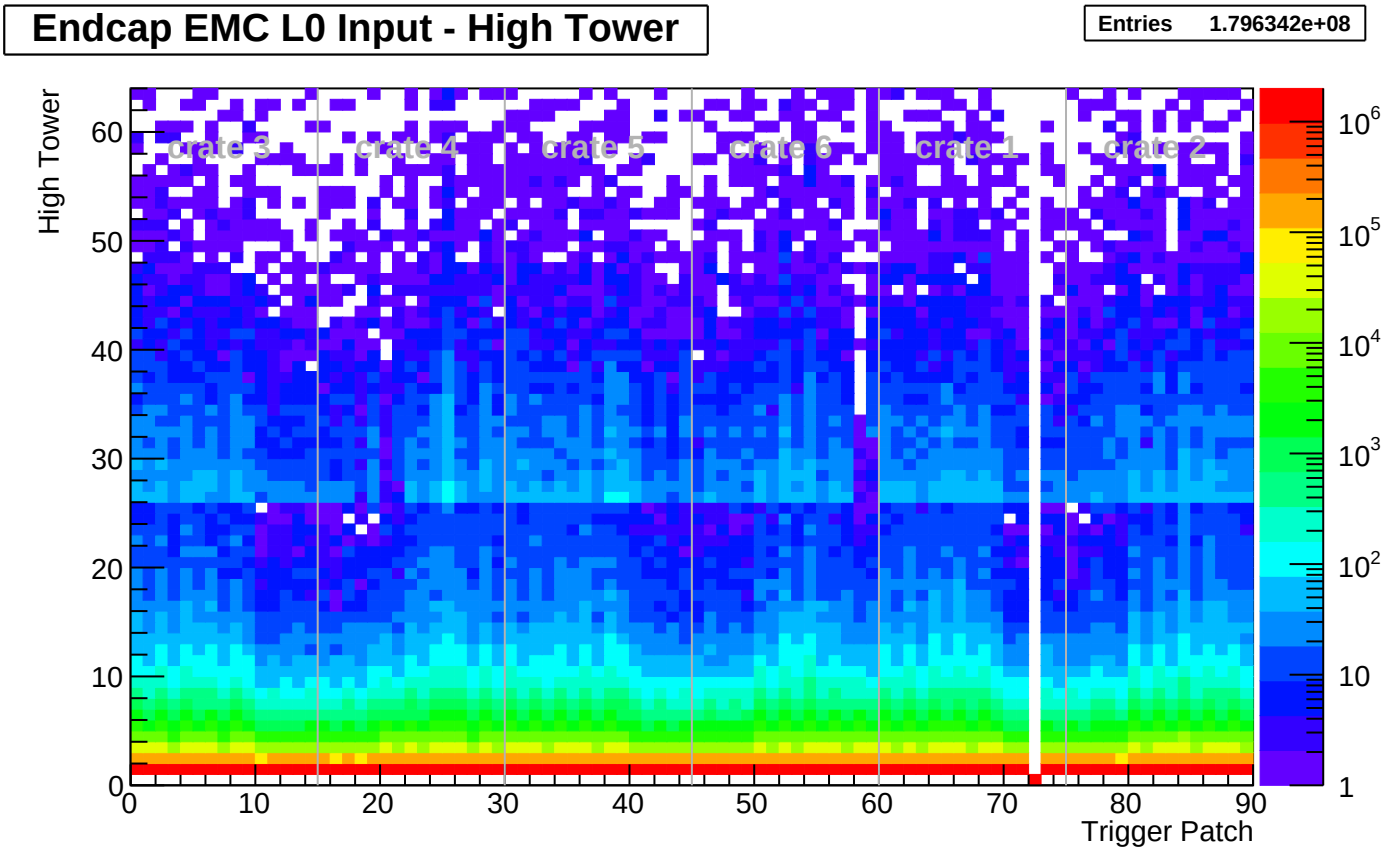
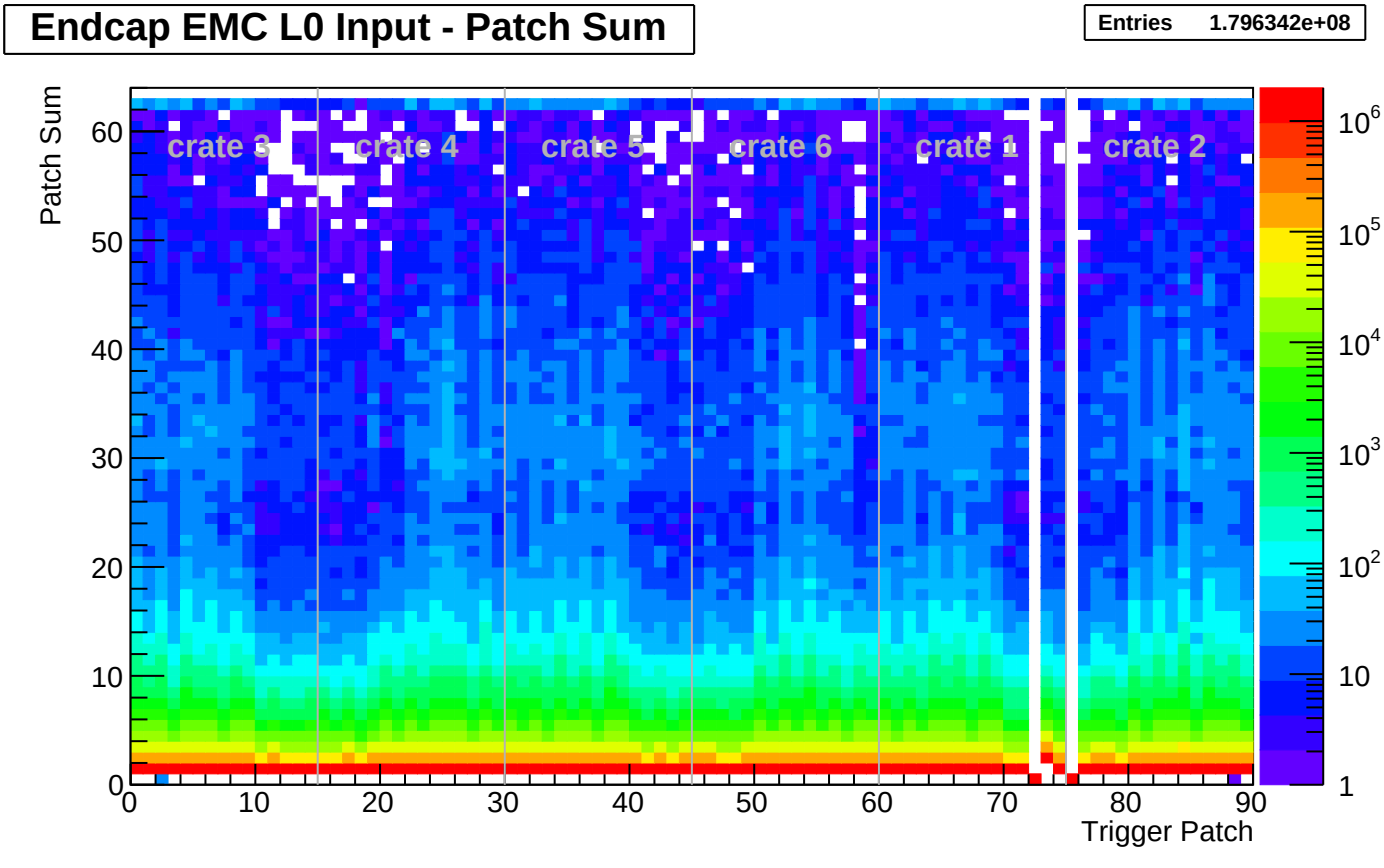
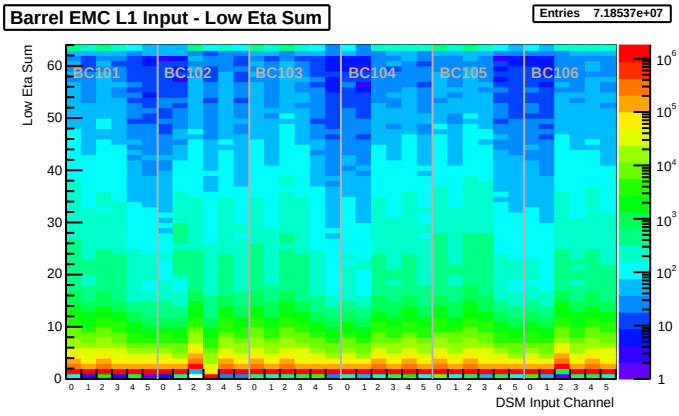
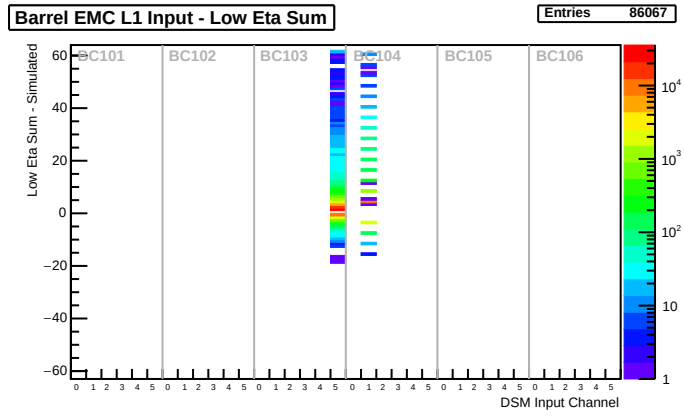

Barrel EMC L0 Input - High Tower
Entries 5.987808e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

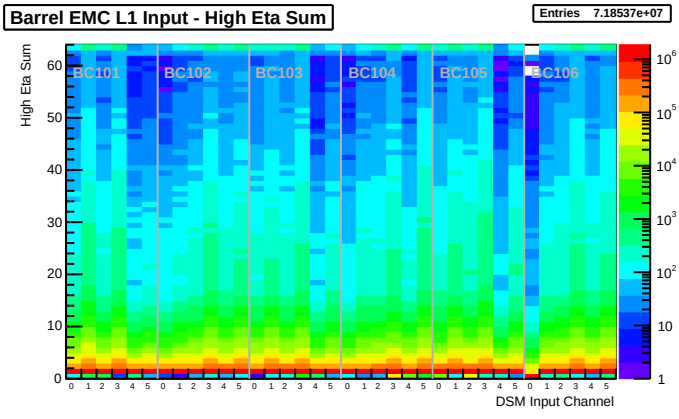

Barrel EMC L0 Input - Patch Sum
Entries 5.987808e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

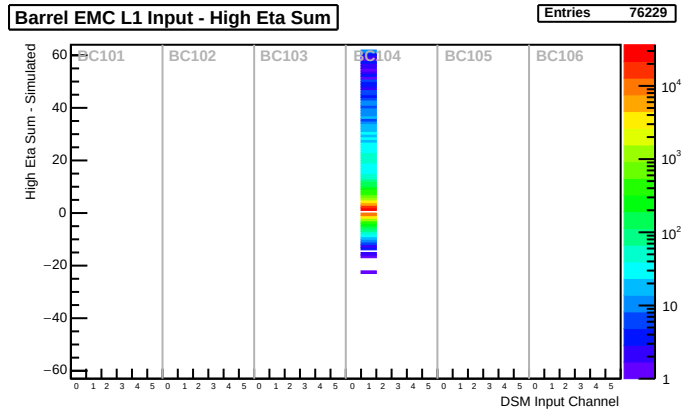

Endcap EMC L0 Input - High Tower
Entries 1.796342e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

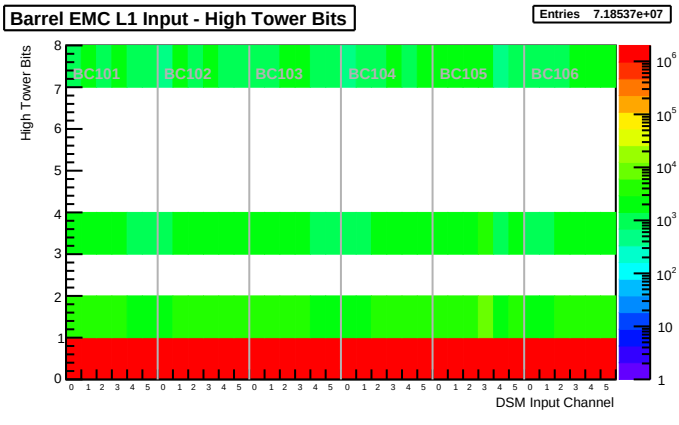

Endcap EMC L0 Input - Patch Sum
Entries 1.796342e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

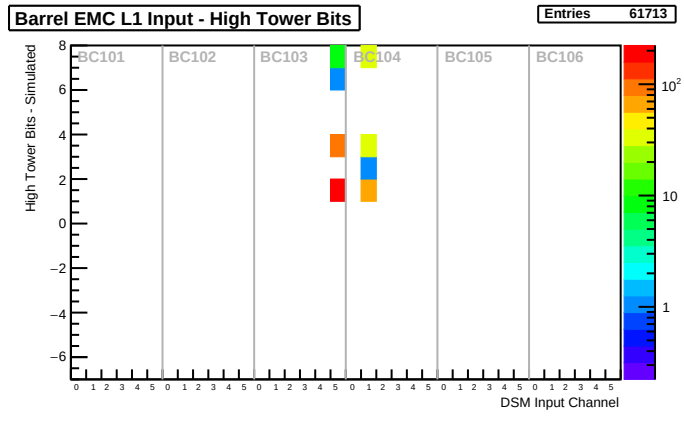

Barrel EMC L1 Input - Low Eta Sum
Entries 7.18537e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

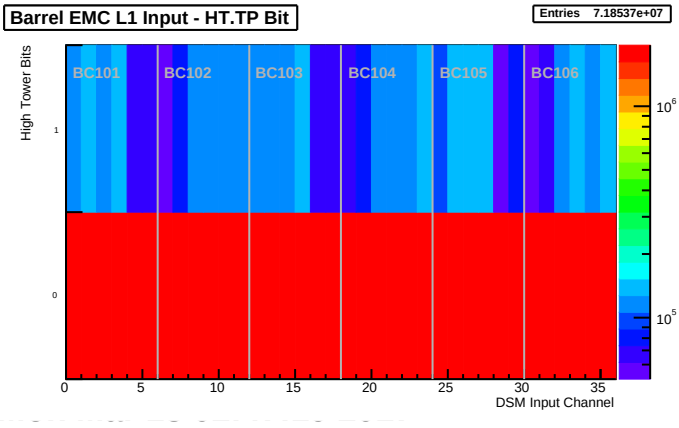

Barrel EMC L1 Input - Low Eta Sum
Entries 86067
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

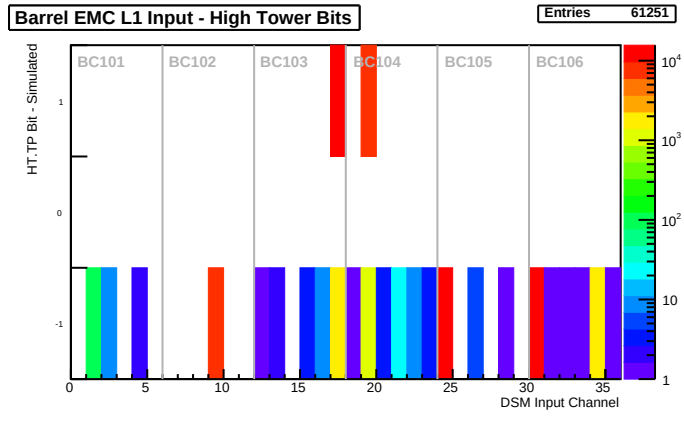

Barrel EMC L1 Input - High Eta Sum
Entries 7.18537e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

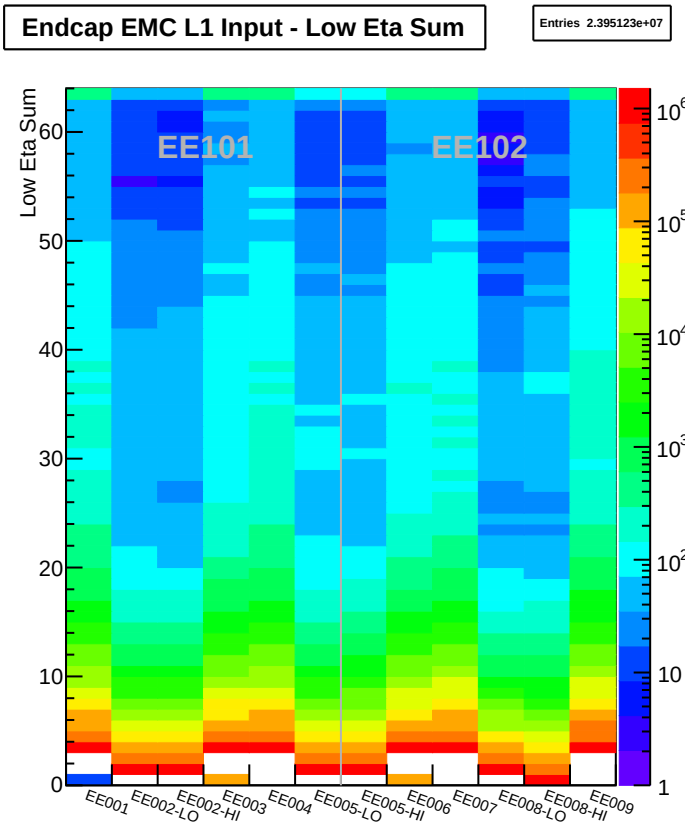

Barrel EMC L1 Input - High Eta Sum
Entries 76229
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

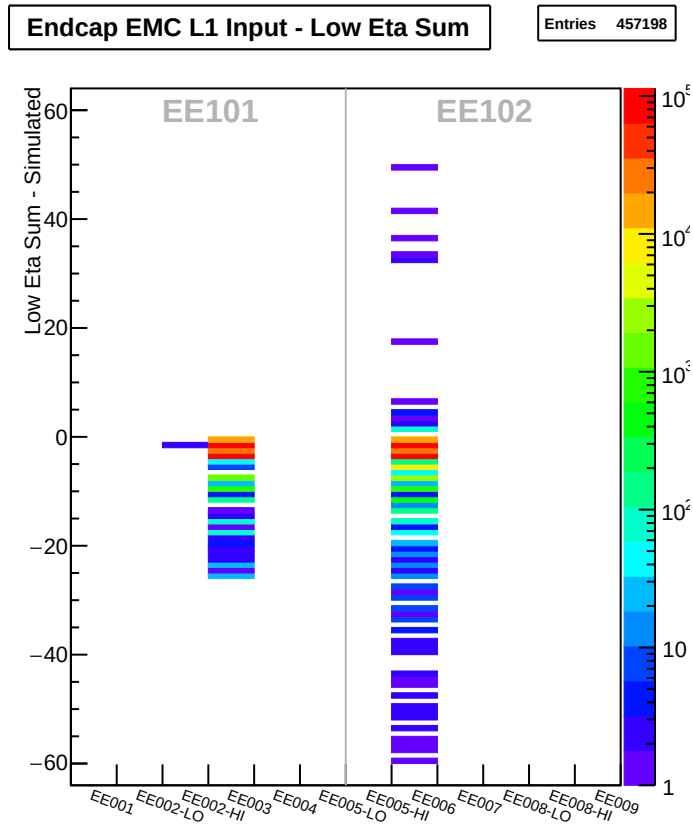

Barrel EMC L1 Input - High Tower Bits
Entries 7.18537e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

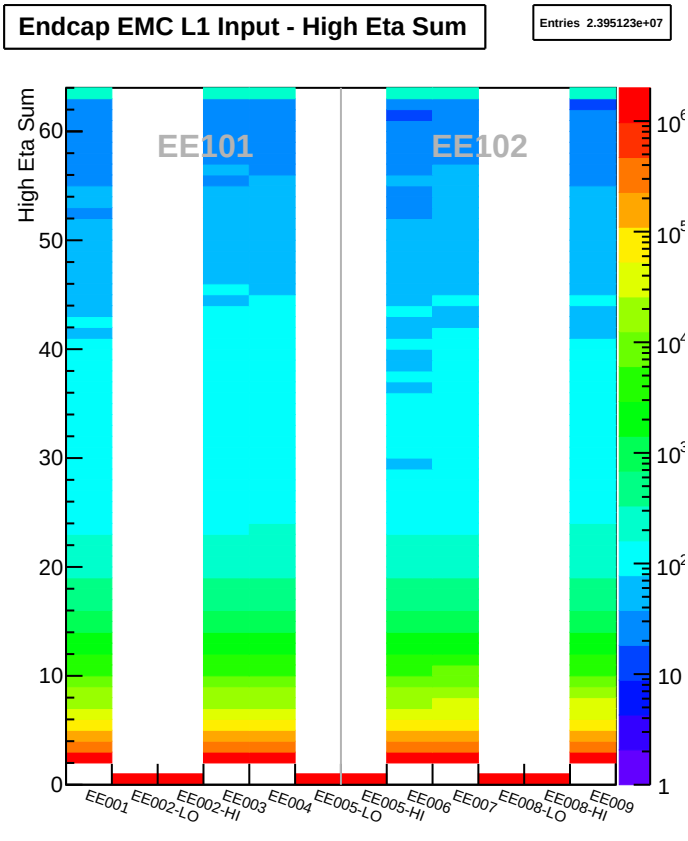

Barrel EMC L1 Input - High Tower Bits
Entries 61713
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

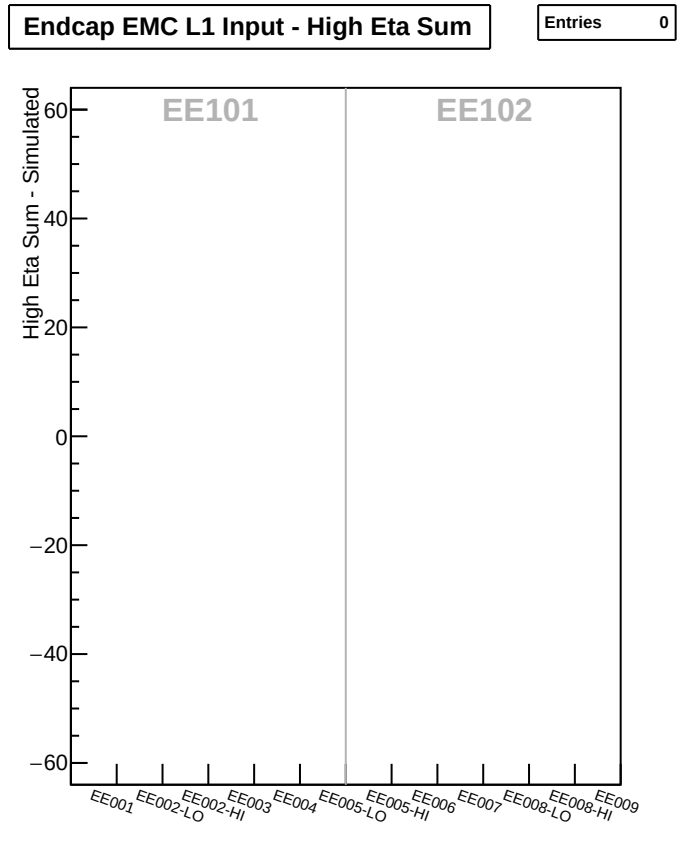

Barrel EMC L1 Input - HT.TP Bit
Entries 7.18537e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

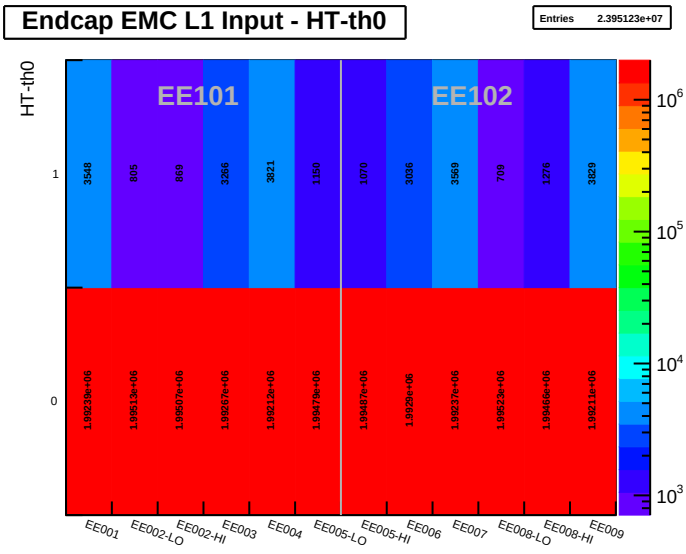

Barrel EMC L1 Input - High Tower Bits
Entries 61251
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

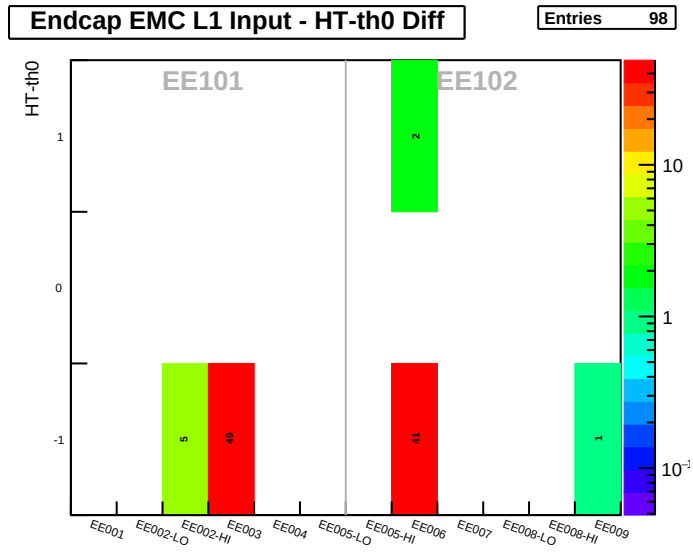

Endcap EMC L1 Input - Low Eta Sum
Entries 2.395123e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

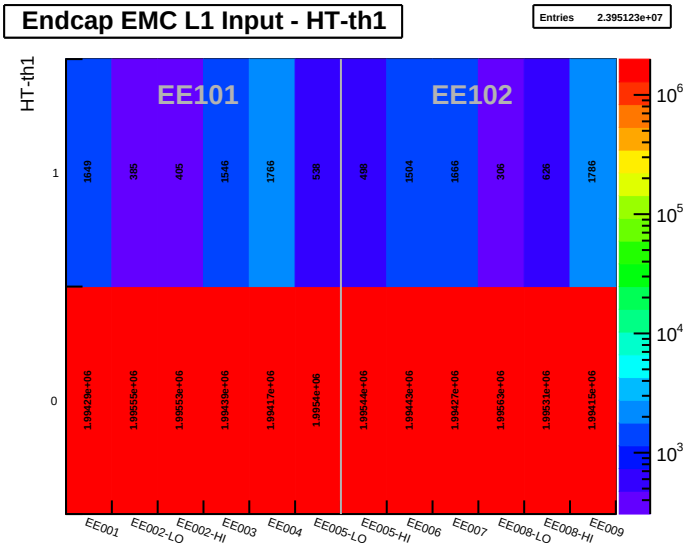

Endcap EMC L1 Input - Low Eta Sum
Entries 457198
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

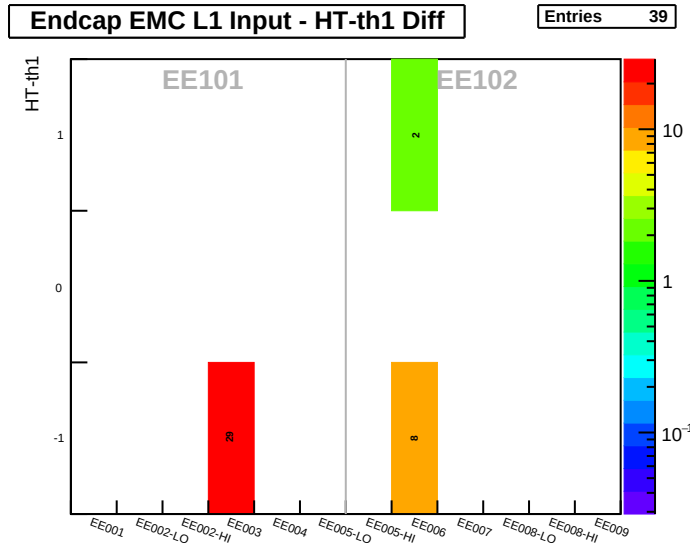

Endcap EMC L1 Input - High Eta Sum
Entries 2.395123e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

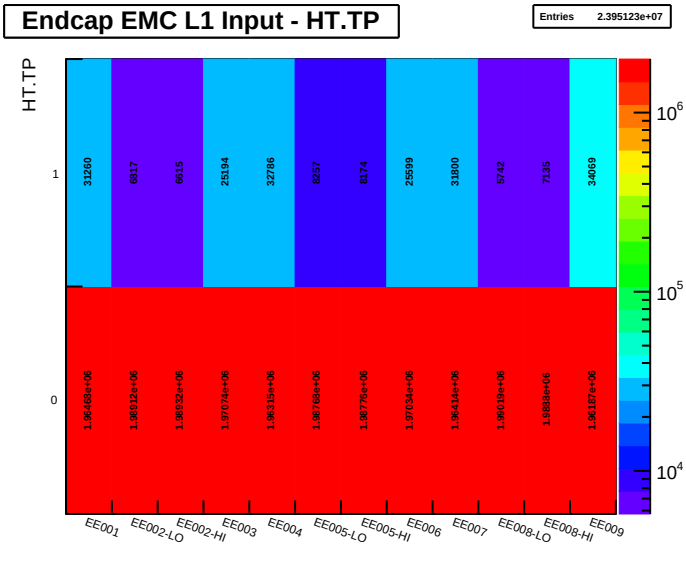

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

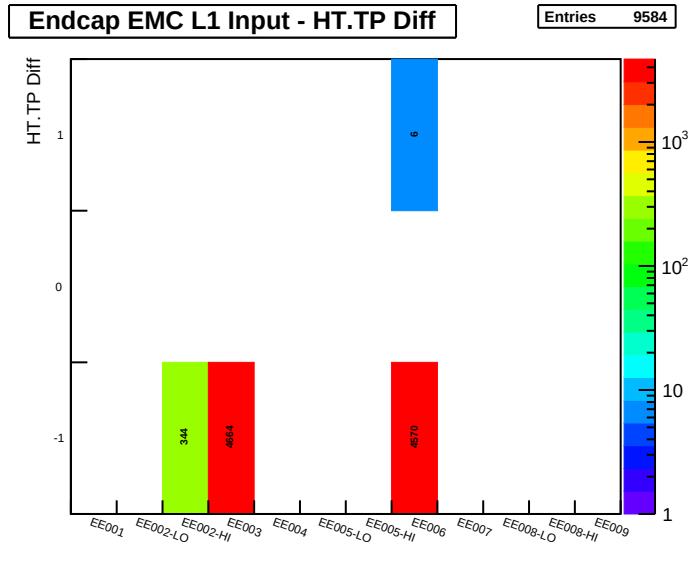

Endcap EMC L1 Input - HT-th0
Entries 2.395123e+07
HT-th0
EE101
EE102
3548 805 869 3286 3821 1150 1070 3036 3569 709 1276 3829
1.99239e+06 1.99513e+06 1.99507e+06 1.99267e+06 1.99212e+06 1.99479e+06 1.99487e+06 1.9929e+06 1.99237e+06 1.99523e+06 1.99466e+06 1.99211e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

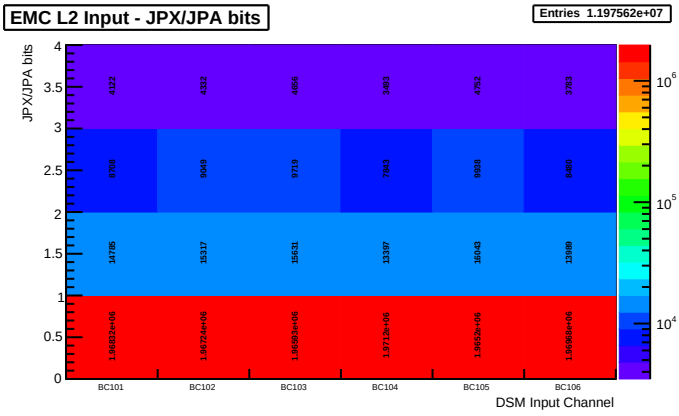

Endcap EMC L1 Input - HT-th0 Diff
Entries 98
HT-th0
EE101
EE102
2
5 49 41 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

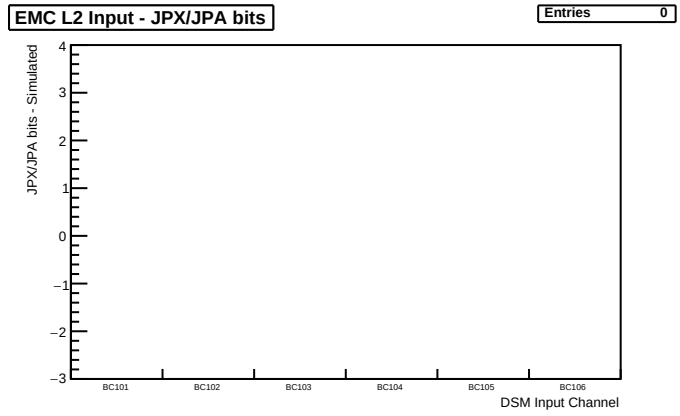

Endcap EMC L1 Input - HT-th1
Entries 2.395123e+07
HT-th1
EE101
EE102
1649 385 405 1546 1766 538 488 1504 1666 306 626 1786
1.99429e+06 1.99555e+06 1.99553e+06 1.99439e+06 1.99417e+06 1.9954e+06 1.99544e+06 1.99443e+06 1.99427e+06 1.99563e+06 1.99531e+06 1.99415e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

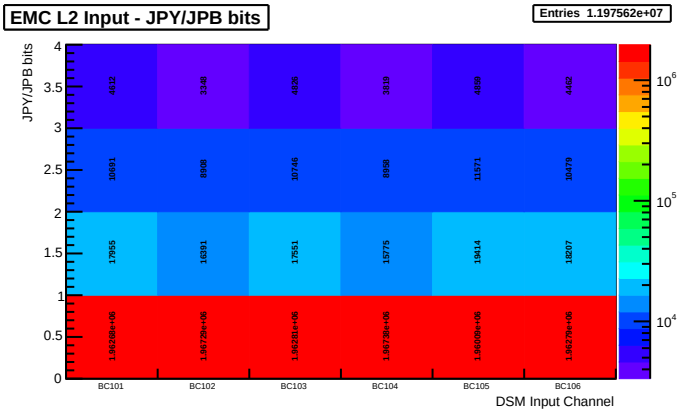

Endcap EMC L1 Input - HT-th1 Diff
Entries 39
HT-th1
EE101
EE102
2
29 8
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

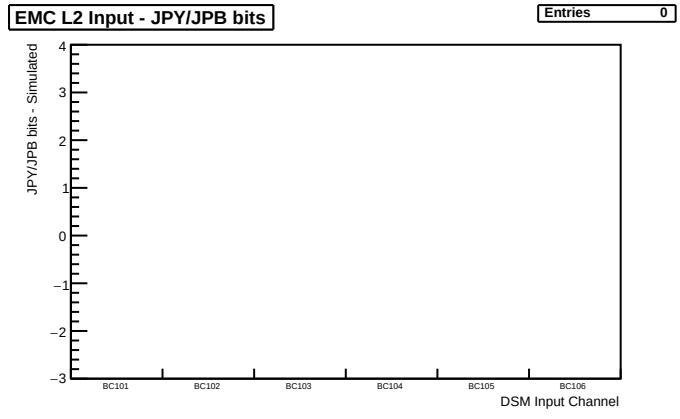

Endcap EMC L1 Input - HT.TP
Entries 2.395123e+07
HT.TP
31260 6817 6615 25194 32786 8257 8174 25599 31800 5742 7335 34069
1.96468e+06 1.99912e+05 1.98932e+06 1.97074e+06 1.96315e+06 1.99768e+05 1.99776e+05 1.97034e+06 1.96414e+05 1.98019e+06 1.9889e+06 1.96187e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

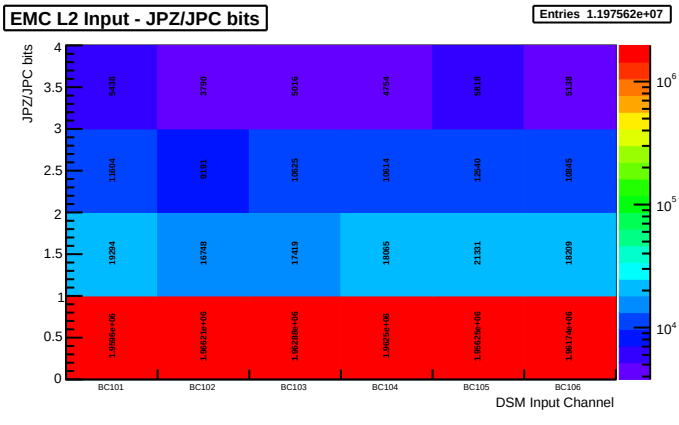

Endcap EMC L1 Input - HT.TP Diff
Entries 9584
HT.TP Diff
6
344 4564 4570
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

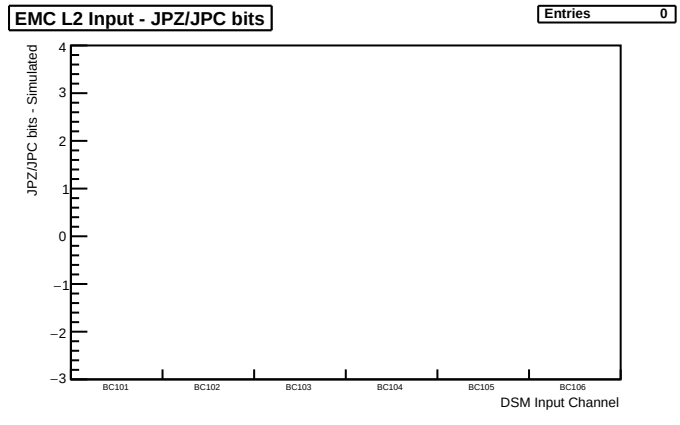

EMC L2 Input - JPX/JPA bits
Entries 1.197562e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

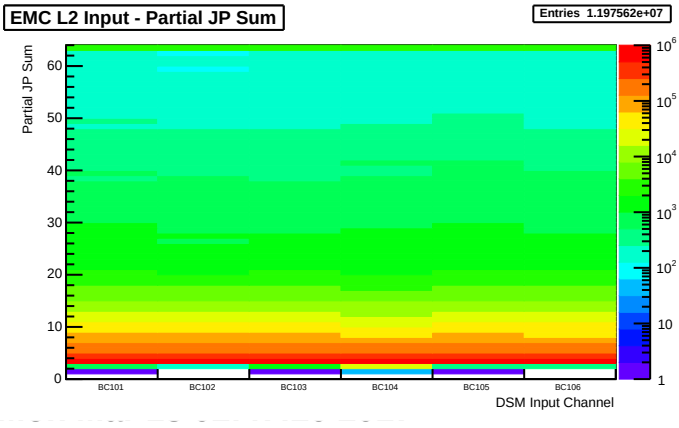

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

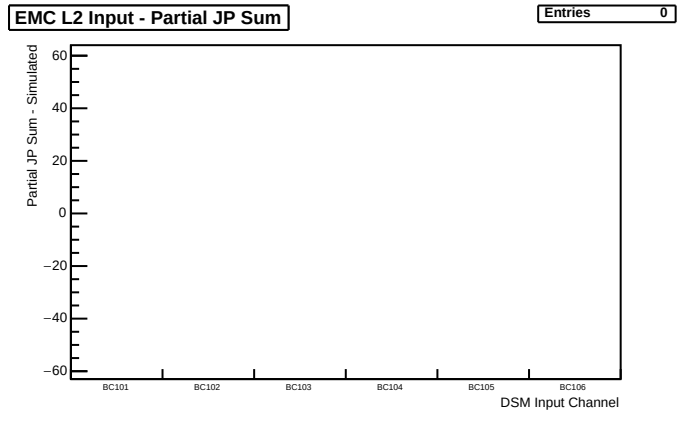

EMC L2 Input - JPY/JPB bits
Entries 1.197562e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

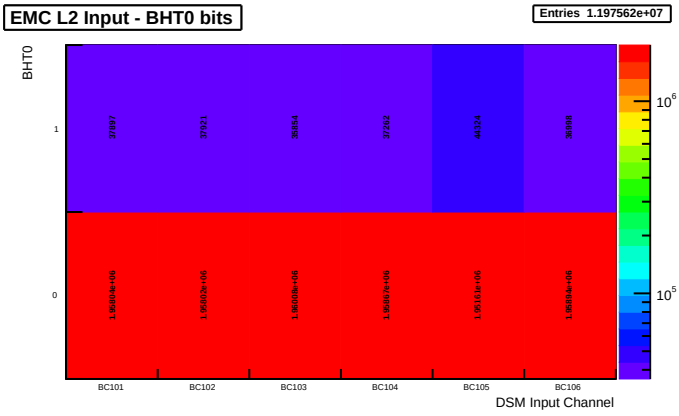

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

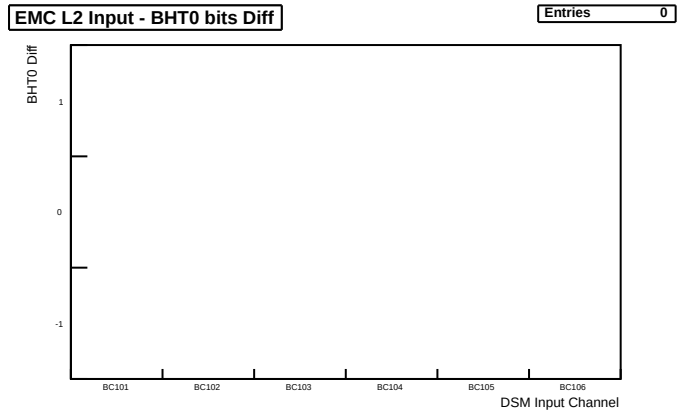

EMC L2 Input - JPZ/JPC bits
Entries 1.197562e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

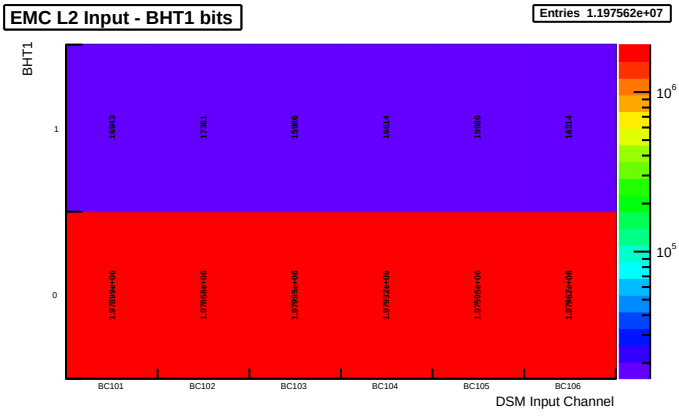

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

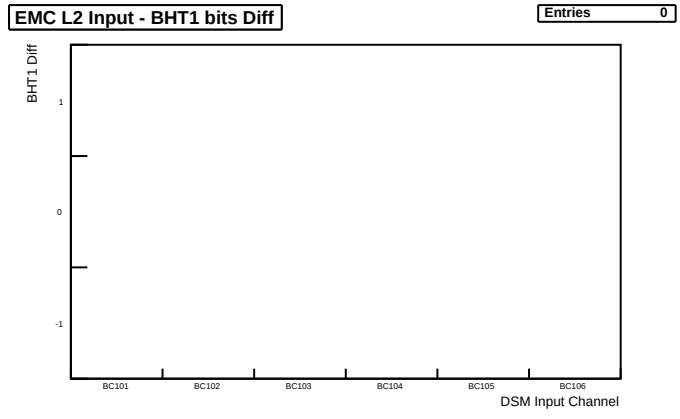

EMC L2 Input - Partial JP Sum
Entries 1.197562e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

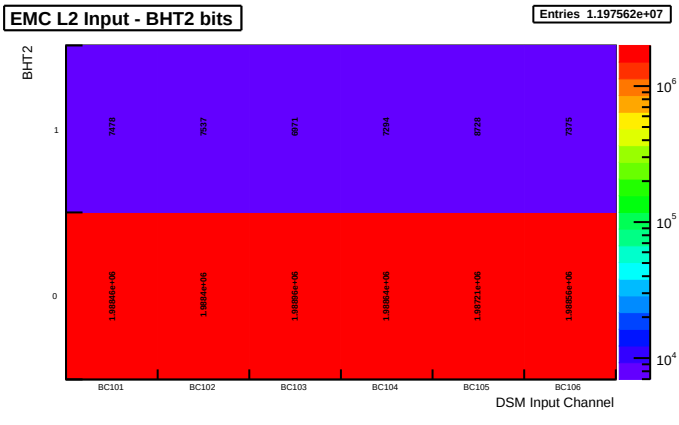

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

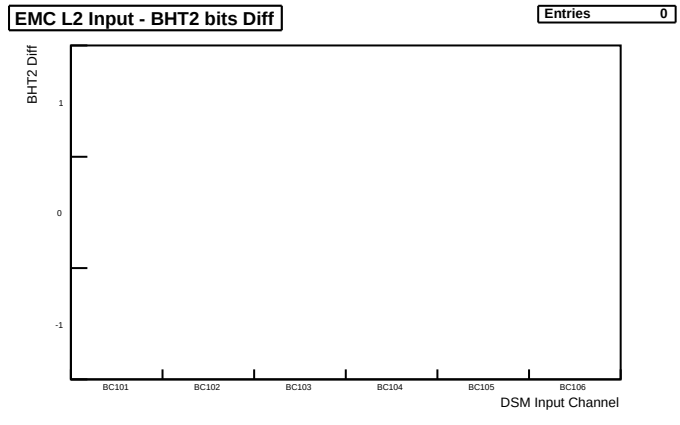

EMC L2 Input - BHT0 bits
Entries 1.197562e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

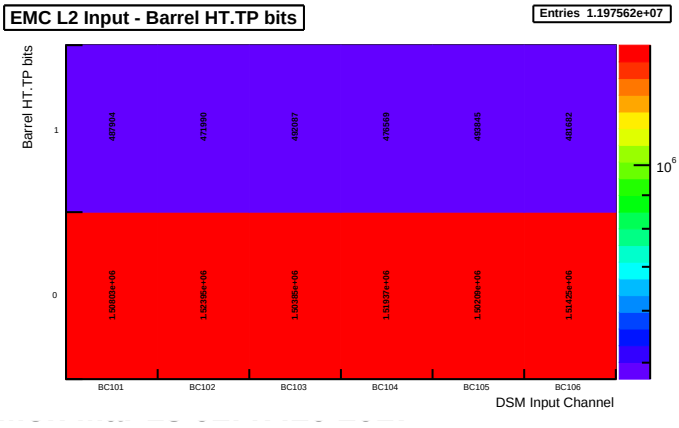

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

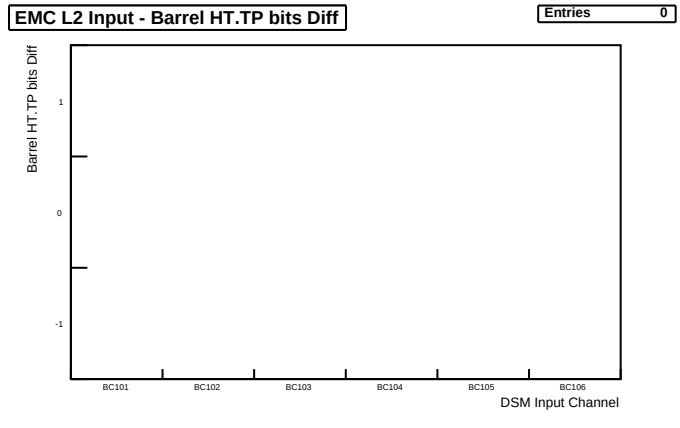

EMC L2 Input - BHT1 bits
Entries 1.197562e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

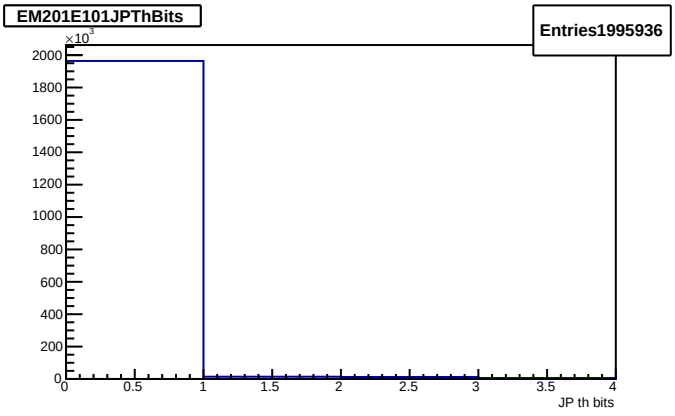

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

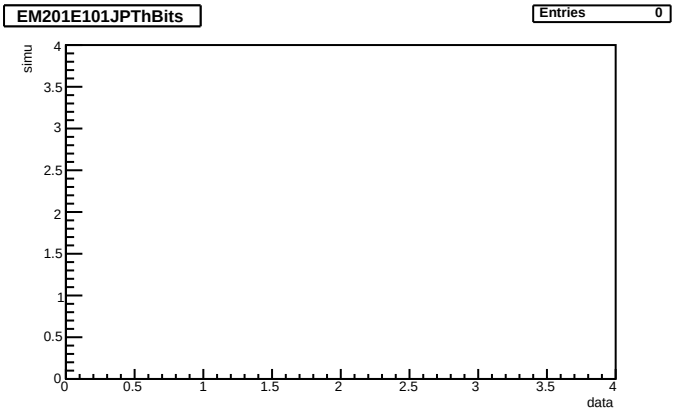

EMC L2 Input - BHT2 bits
Entries 1.197562e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

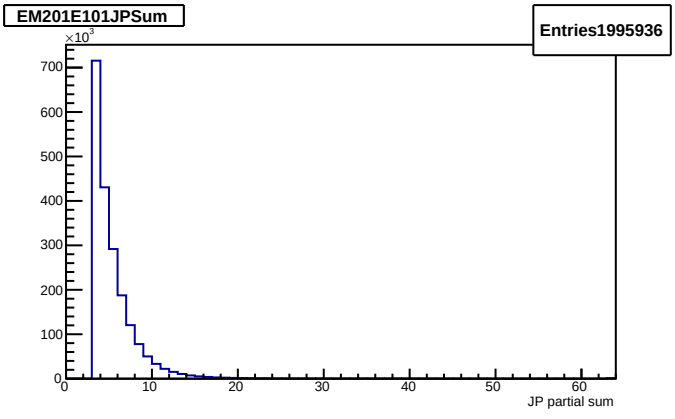

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

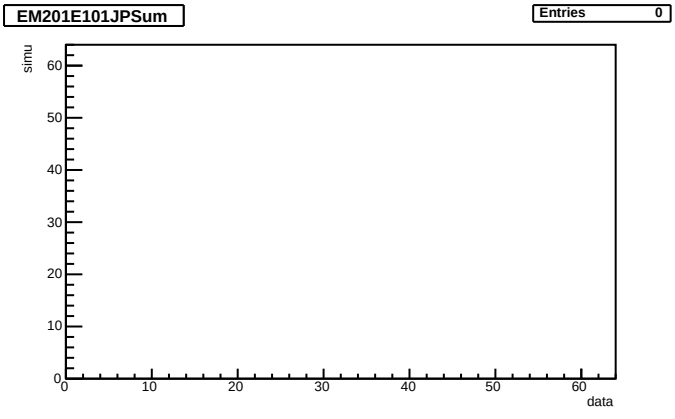

EMC L2 Input - Barrel HT.TP bits
Entries 1.197562e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

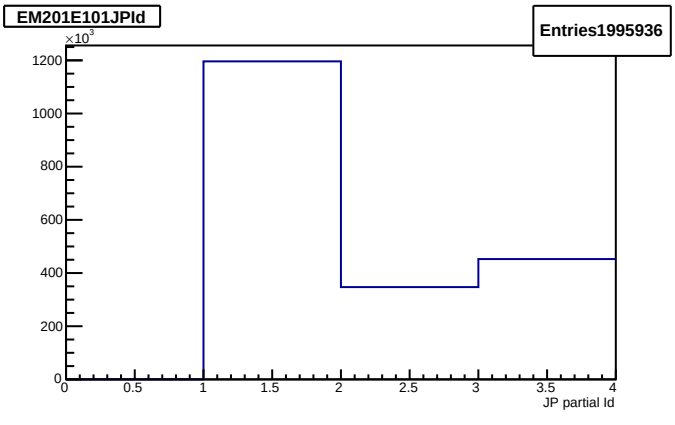

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

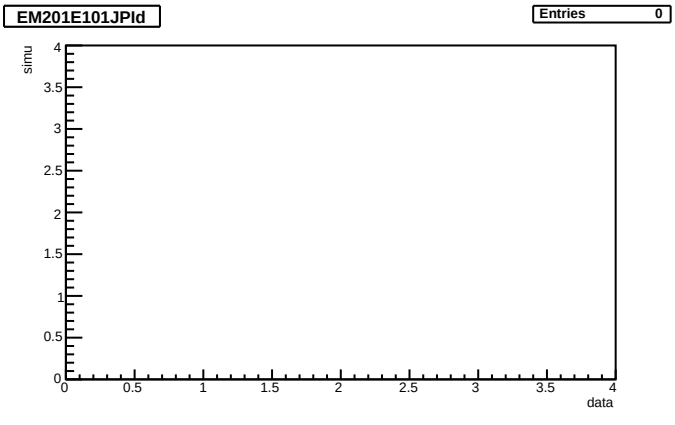

EM201E101JPThBits
Entries1995936
JP th bits

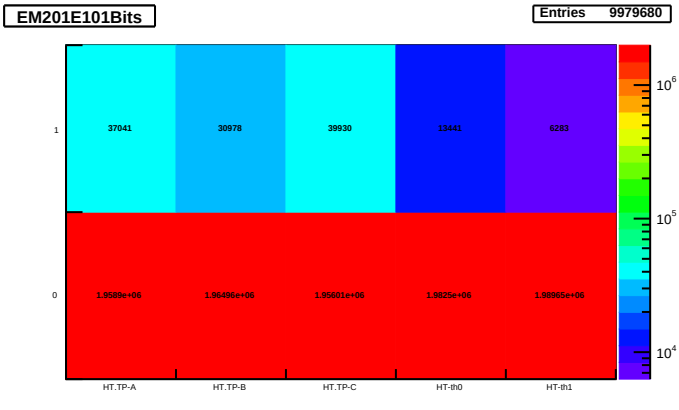

EM201E101JPThBits
Entries 0
simu
data

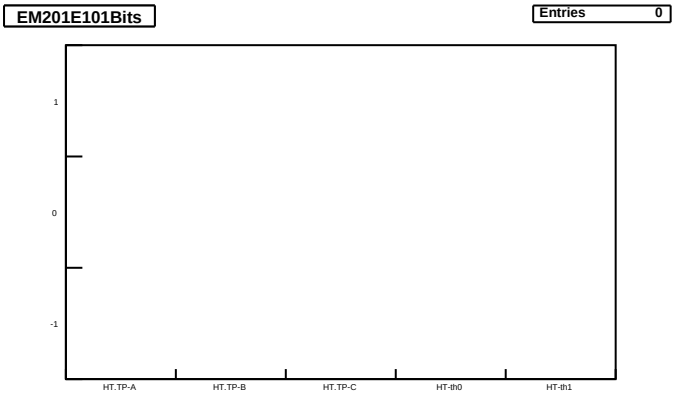

EM201E101JPSum
Entries1995936
JP partial sum

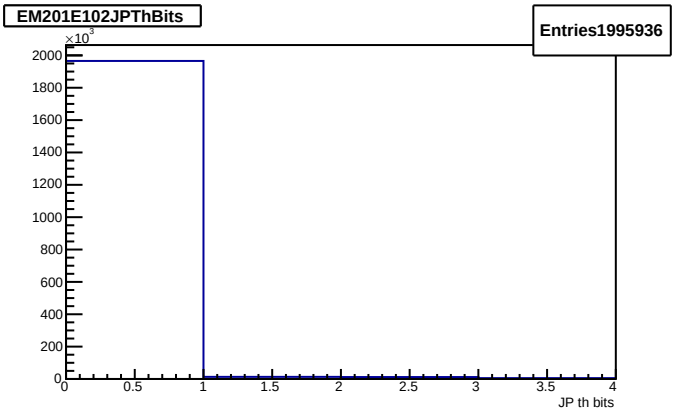

EM201E101JPSum
Entries 0
simu
data

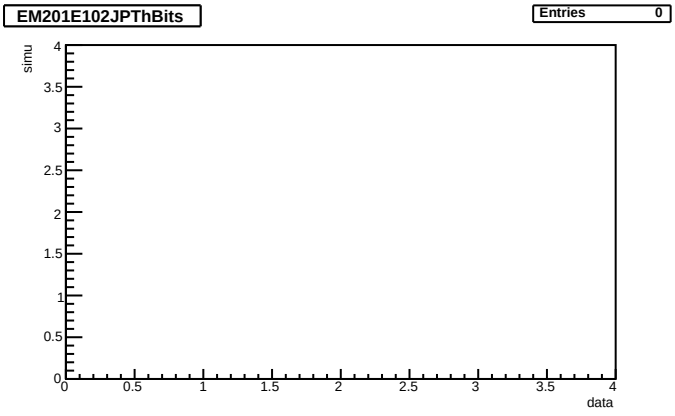

EM201E101JPId
Entries1995936
JP partial Id

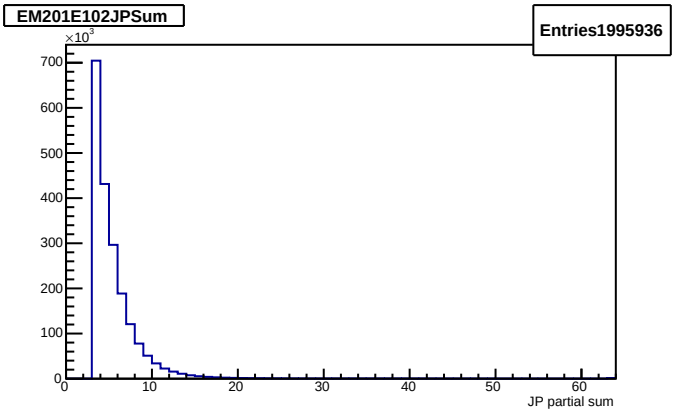

EM201E101JPId
Entries 0
simu
data

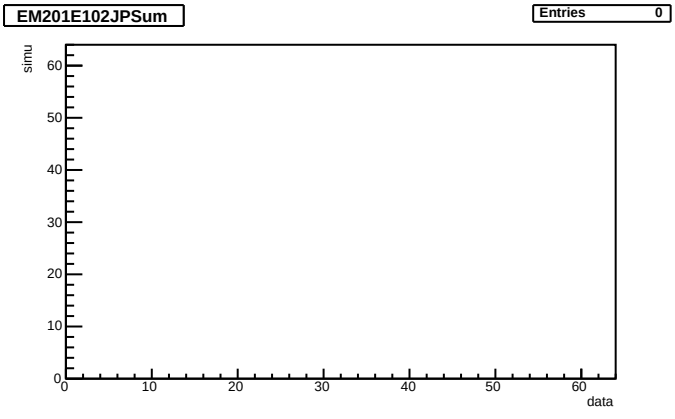

EM201E101Bits
Entries 9979680
37041
30978
39930
13441
6283
1.9589e+06
1.96496e+06
1.95601e+06
1.9825e+06
1.98965e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

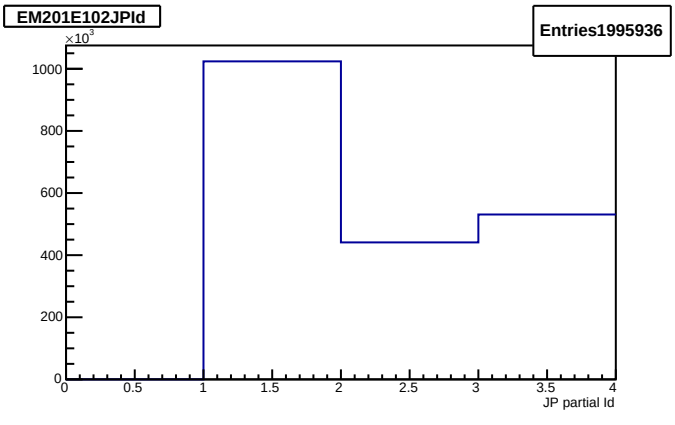

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

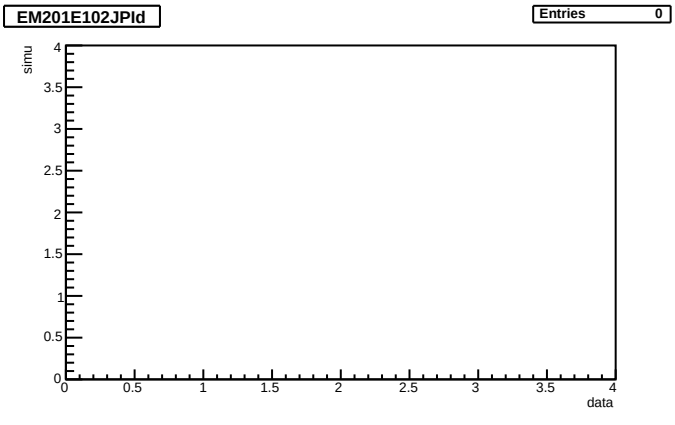

EM201E102JPThBits
Entries1995936
JP th bits

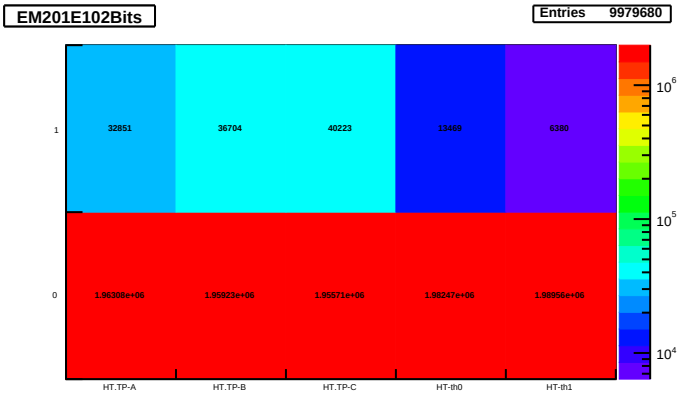

EM201E102JPThBits
Entries 0
simu
data

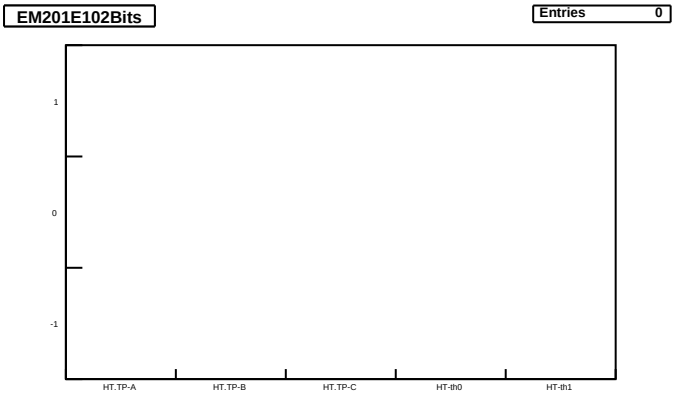

EM201E102JPSum
Entries1995936
JP partial sum

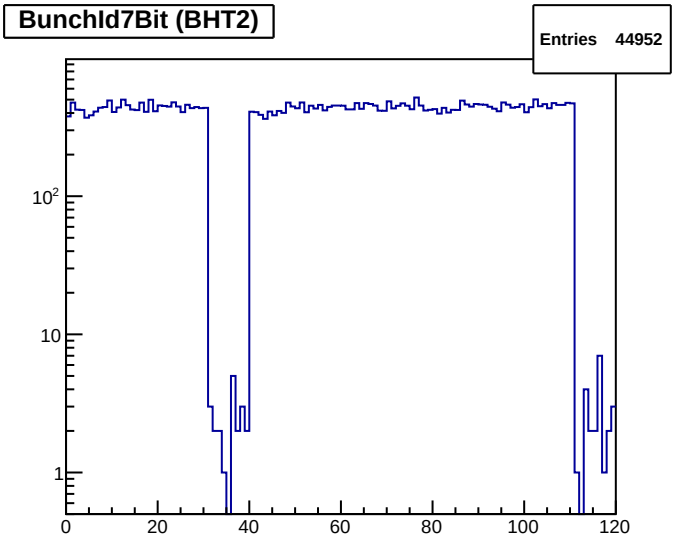

EM201E102JPSum
Entries 0
simu
data

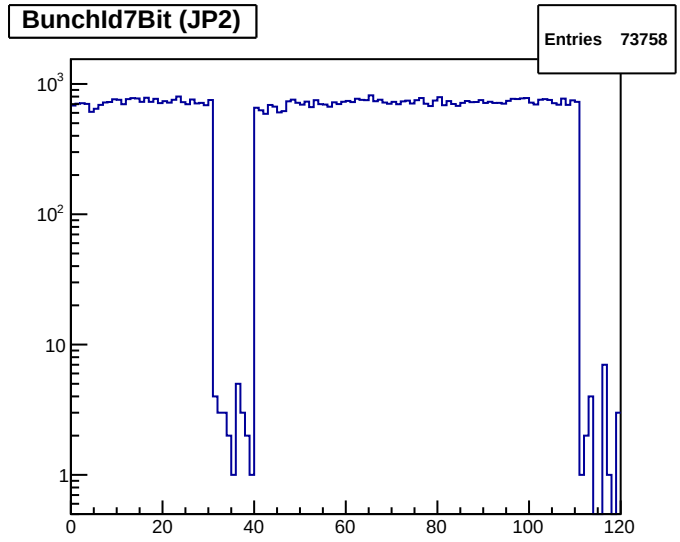

EM201E102JPId
Entries1995936
JP partial Id

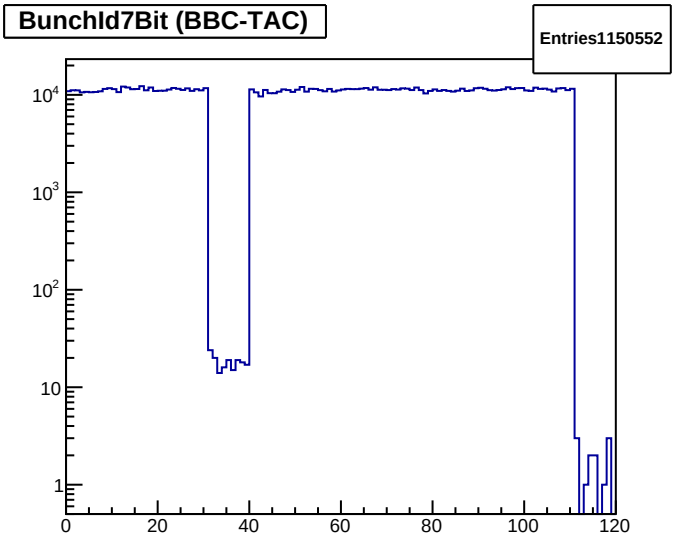

EM201E102JPId
Entries 0
simu
data

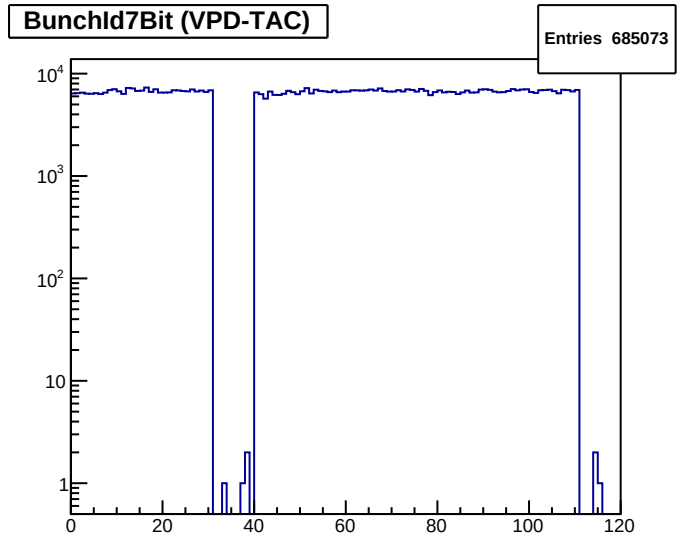

EM201E102Bits
Entries 9979680
32851
36704
40223
13469
6380
1.96308e+06
1.95923e+06
1.95571e+06
1.98247e+06
1.98956e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

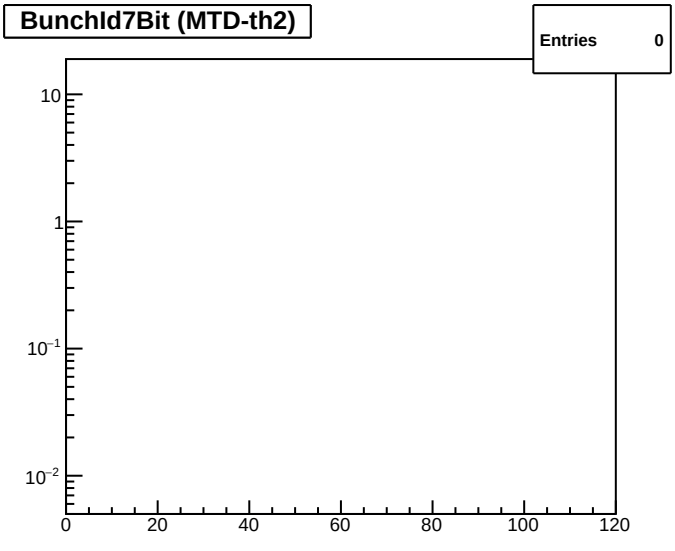

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

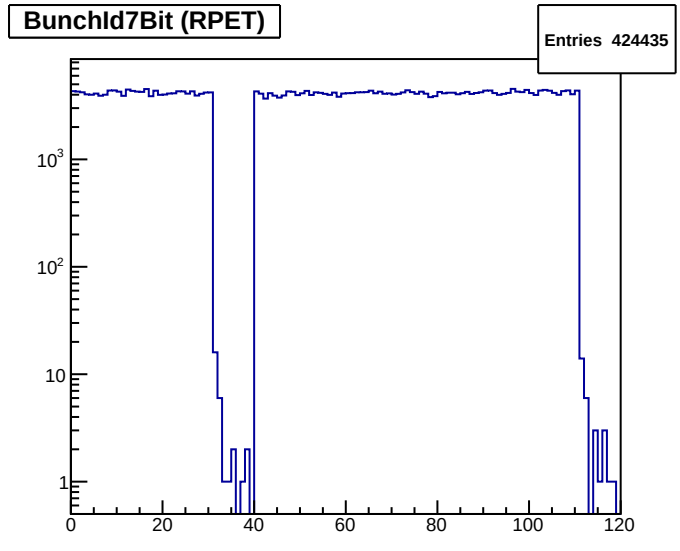

BunchId7Bit (BHT2)
Entries 44952

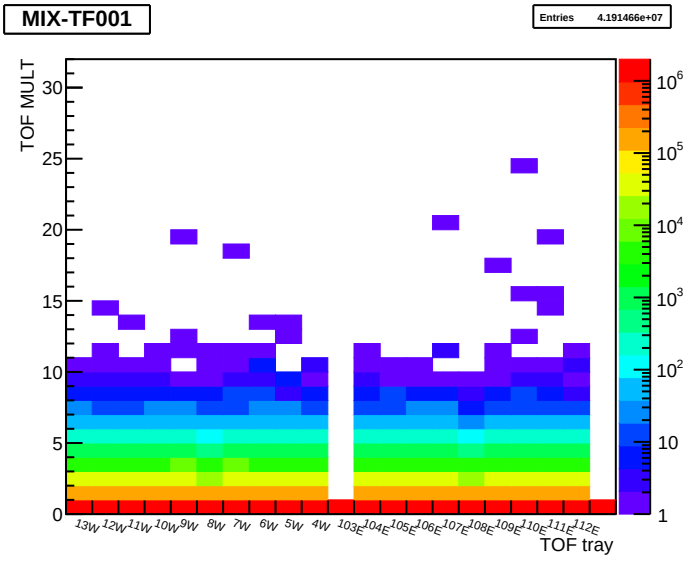

BunchId7Bit (JP2)
Entries 73758

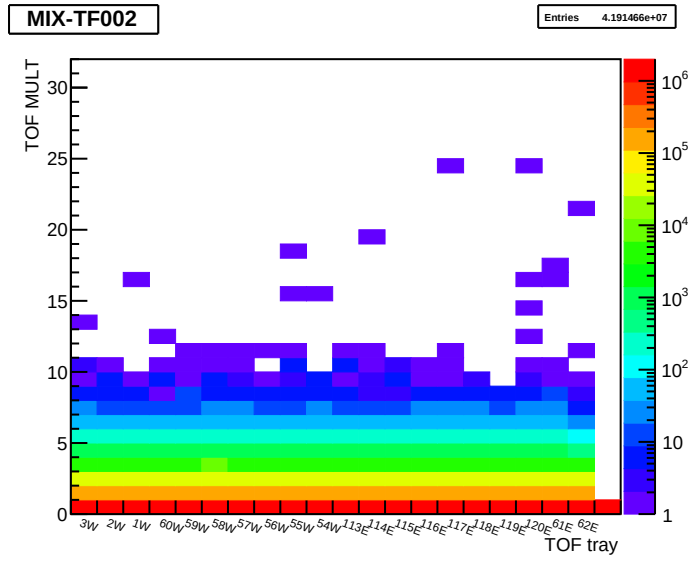

BunchId7Bit (BBC-TAC)
Entries1150552

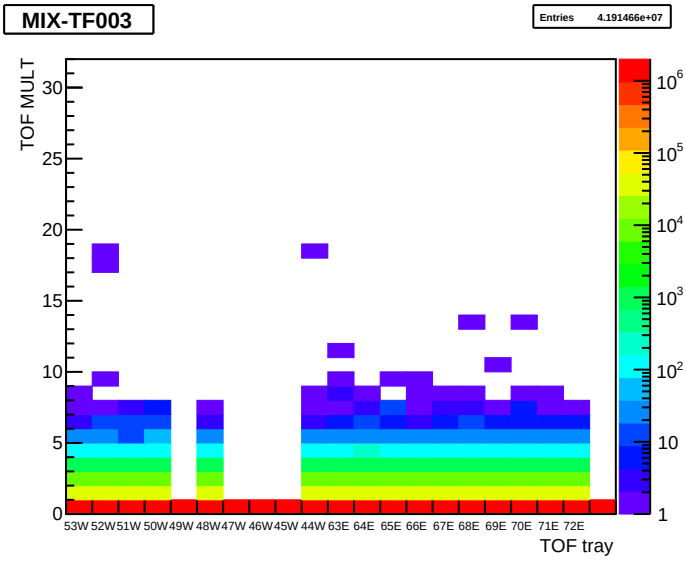

BunchId7Bit (VPD-TAC)
Entries 685073

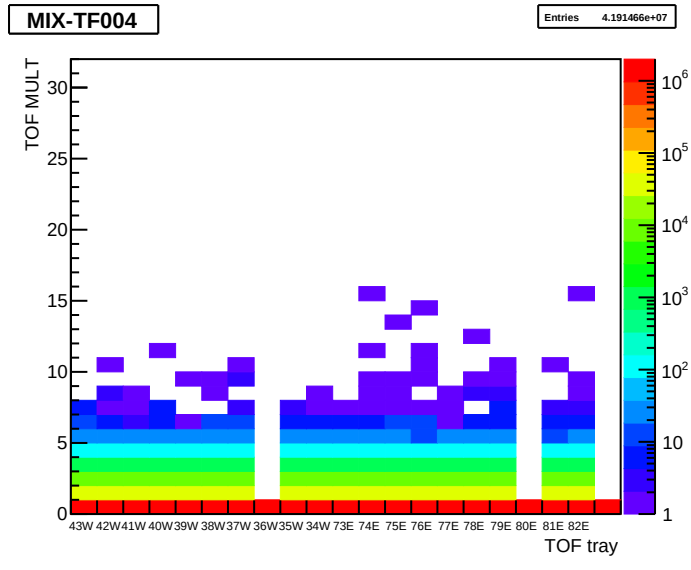

BunchId7Bit (MTD-th2)
Entries 0

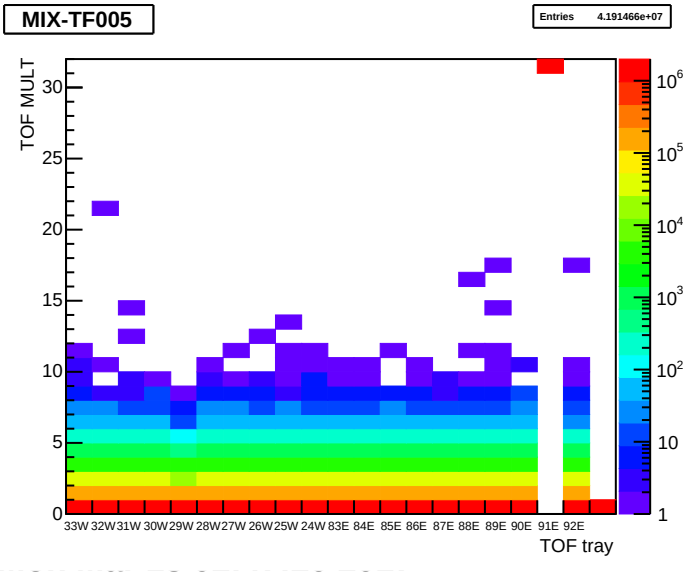

BunchId7Bit (RPET)
Entries 424435

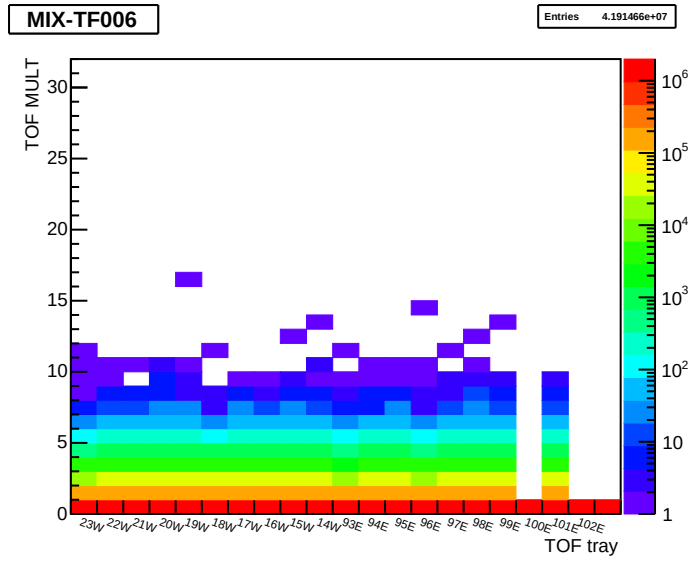

MIX-TF001
Entries 4.191466e+07
TOF MULT
TOF tray

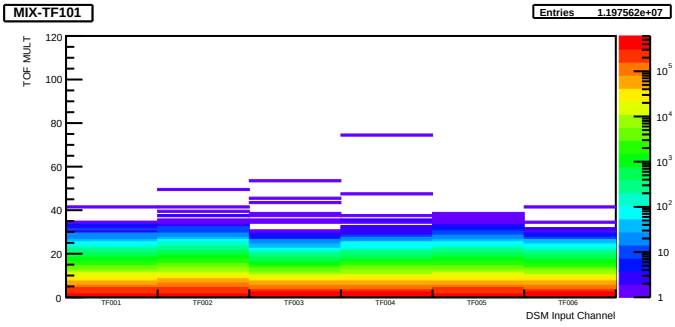

MIX-TF002
Entries 4.191466e+07
TOF MULT
TOF tray

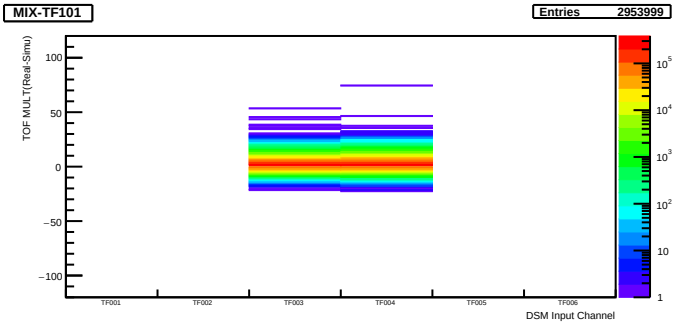

MIX-TF003
Entries 4.191466e+07
TOF MULT
TOF tray

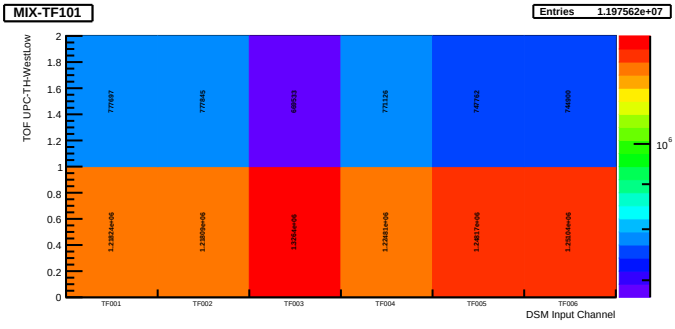

MIX-TF004
Entries 4.191466e+07
TOF MULT
TOF tray

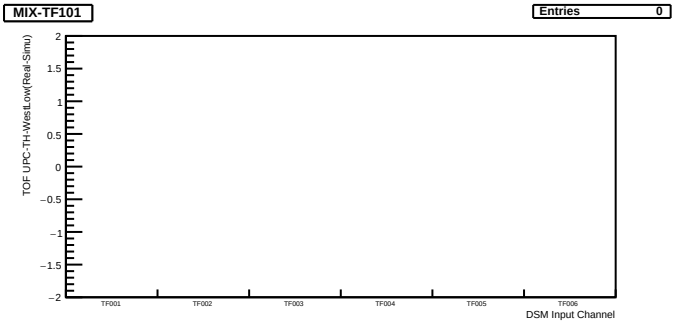

MIX-TF005
Entries 4.191466e+07
TOF MULT
TOF tray

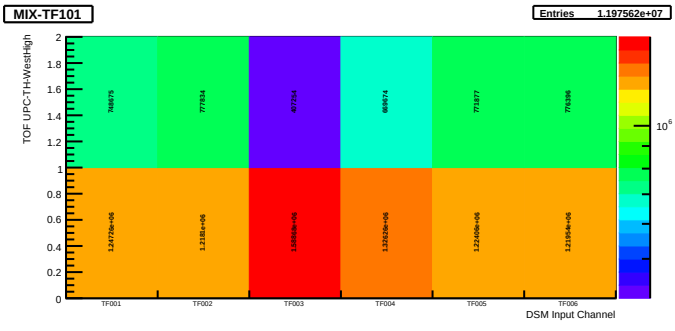

MIX-TF006
Entries 4.191466e+07
TOF MULT
TOF tray

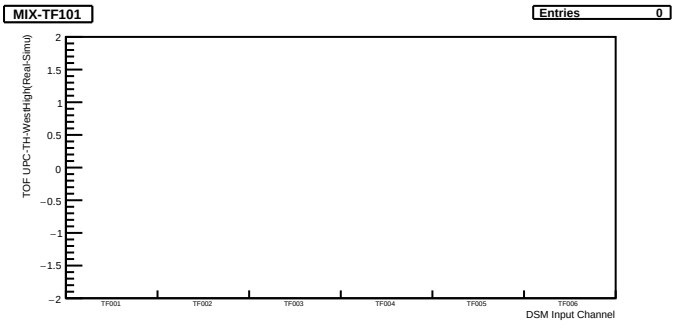

MIX-TF101
Entries 1.197562e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

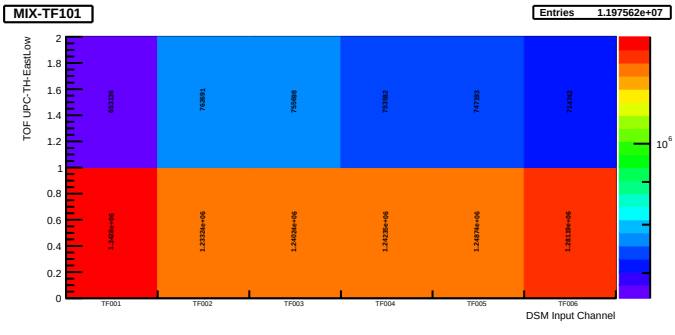

MIX-TF101
Entries 2953999
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

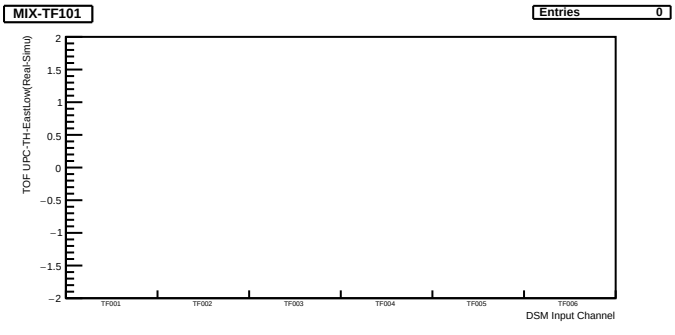

MIX-TF101
Entries 1.197562e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

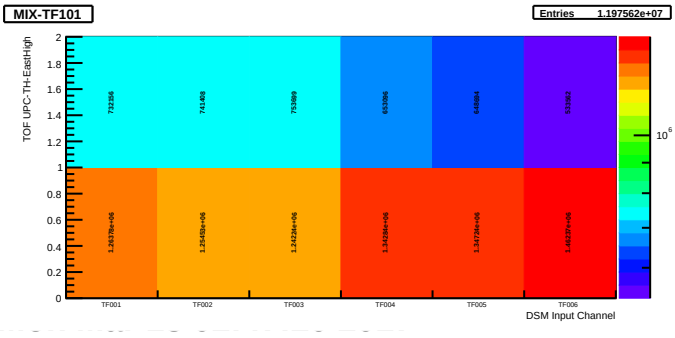

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

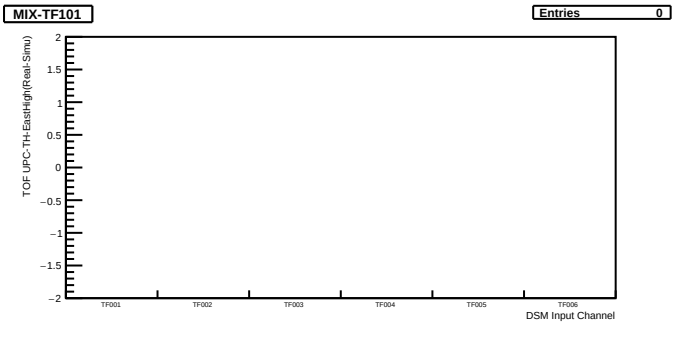

MIX-TF101
Entries 1.197562e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

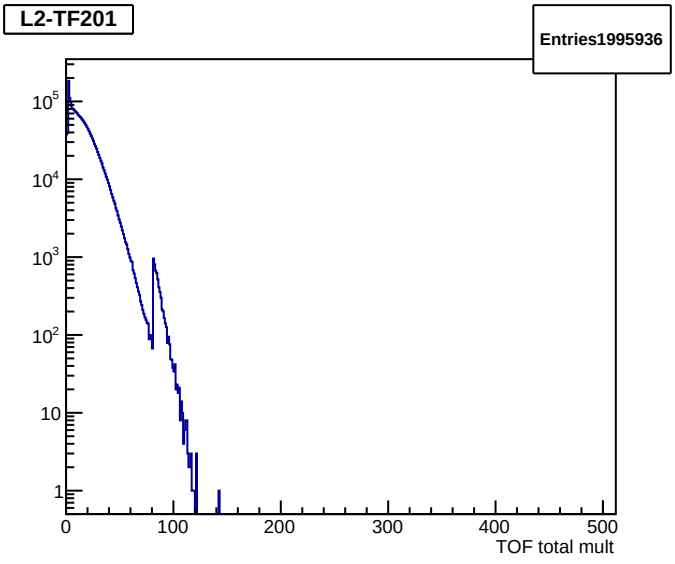

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

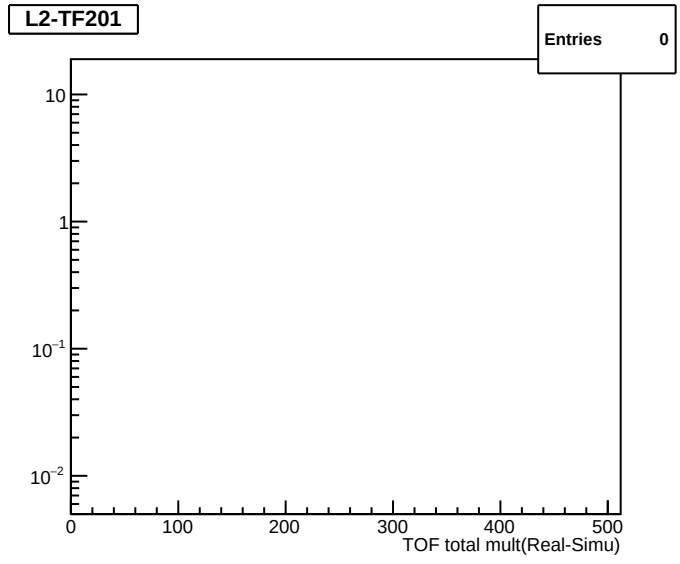

MIX-TF101
Entries 1.197562e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

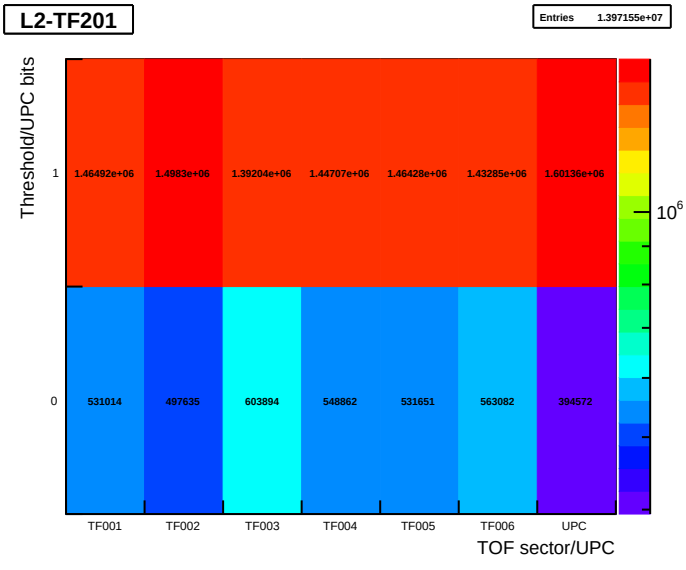

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

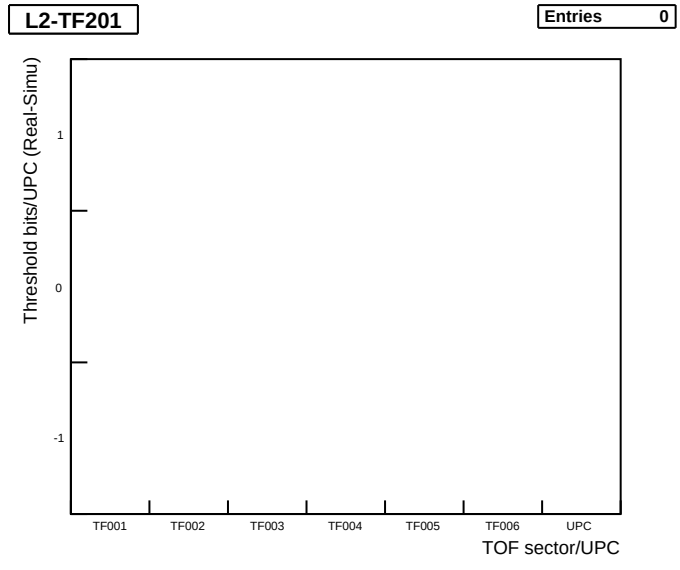

MIX-TF101
Entries 1.197562e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

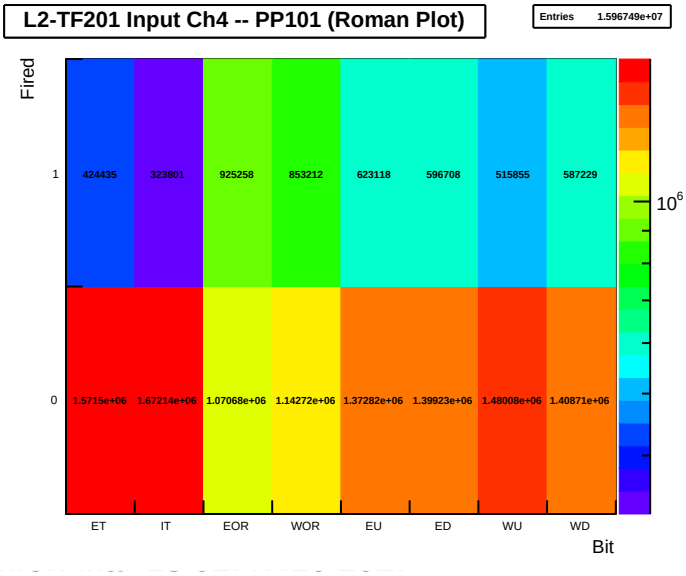

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

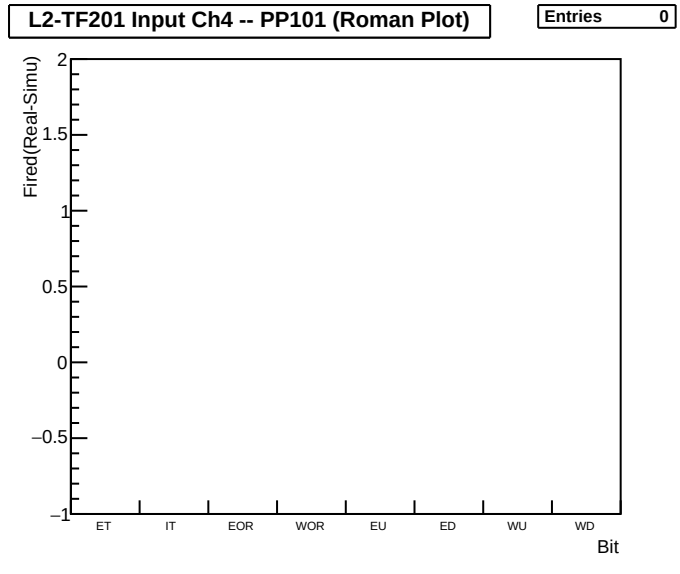

L2-TF201
Entries1995936
TOF total mult

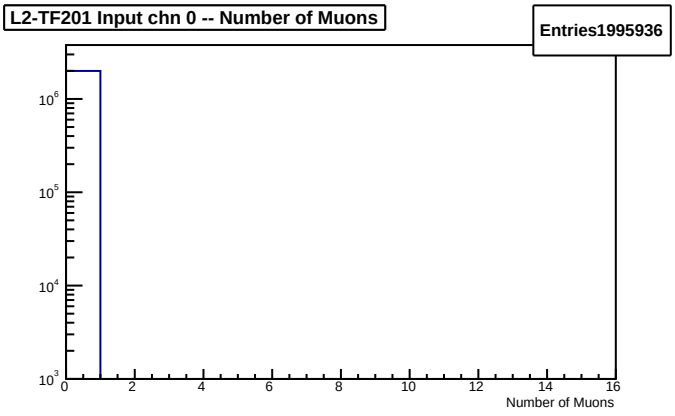

L2-TF201
Entries 0
TOF total mult(Real-Simu)

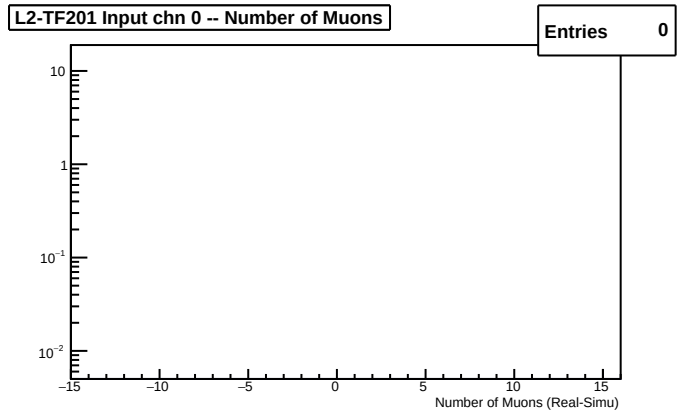

L2-TF201
Entries 1.397155e+07
Threshold/UPC bits
1.46492e+06
1.4983e+06
1.39204e+06
1.44707e+06
1.46428e+06
1.43285e+06
1.60136e+06
531014
497635
603894
548862
531651
563082
394572
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

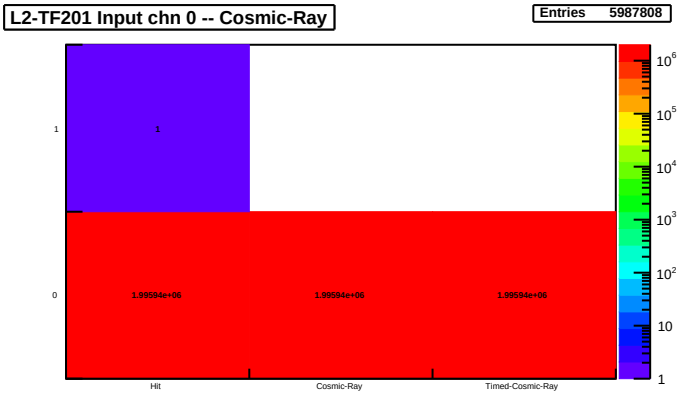

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

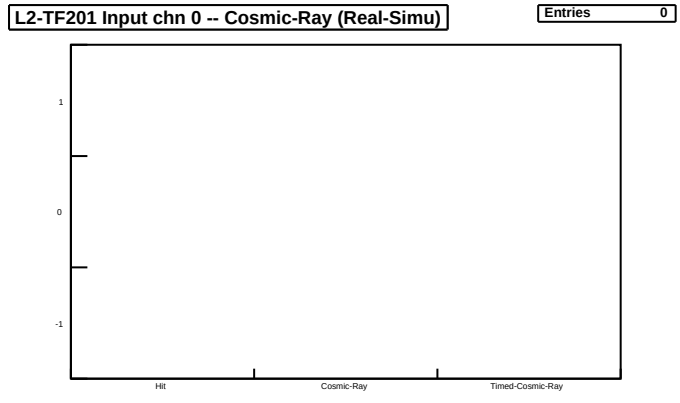

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.596749e+07
Fired
424435
323801
925258
853212
623118
596708
515855
587229
1.5715e+06
1.67214e+06
1.07068e+06
1.14272e+06
1.37282e+06
1.39923e+06
1.48008e+06
1.40871e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

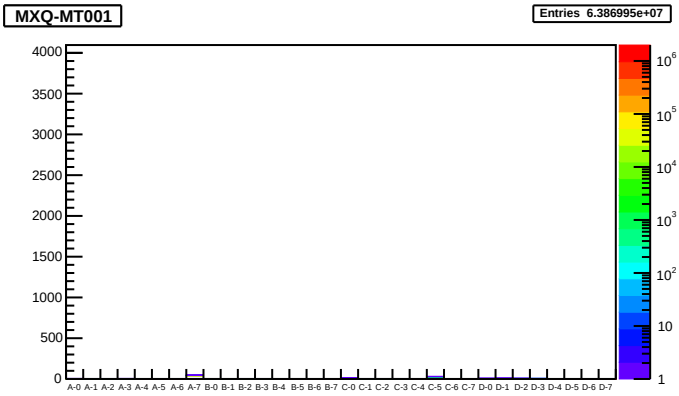

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit


L2-TF201 Input chn 0 -- Number of Muons
Entries1995936
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 5987808
1
1.99594e+06
1.99594e+06
1.99594e+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 6.386995e+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
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$10^5$
$10^4$
$10^3$
$10^2$
10
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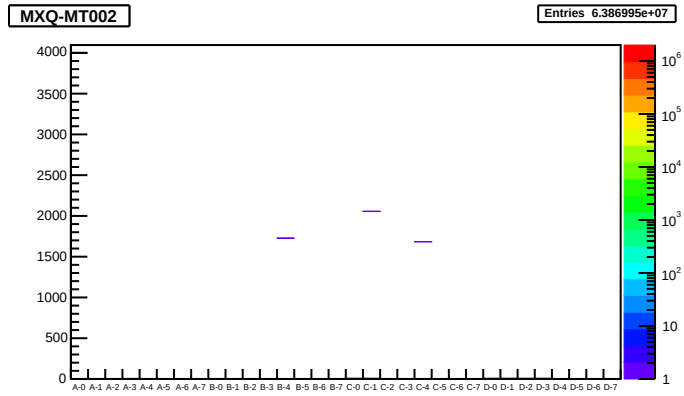
MXQ-MT002
Entries 6.386995e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
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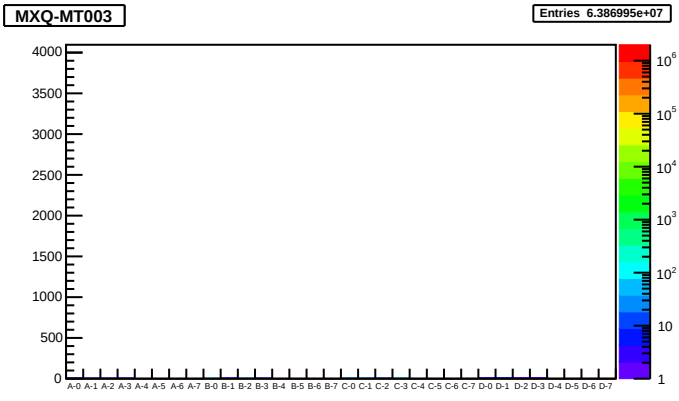
MXQ-MT003
Entries 6.386995e+07
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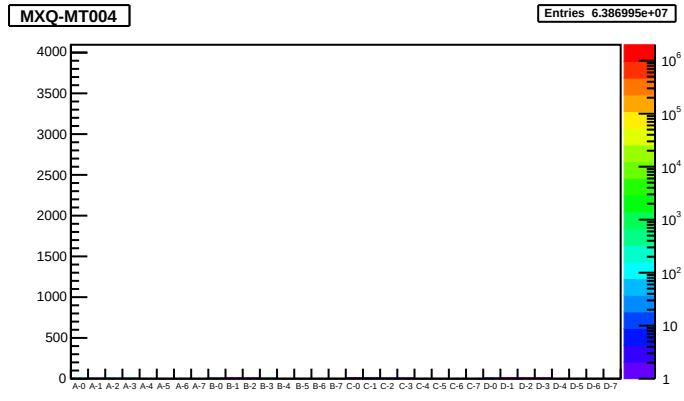
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1


MXQ-MT004
Entries 6.386995e+07
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3000
2500
2000
1500
1000
500
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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
$10^6$
$10^5$
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$10^3$
$10^2$
10
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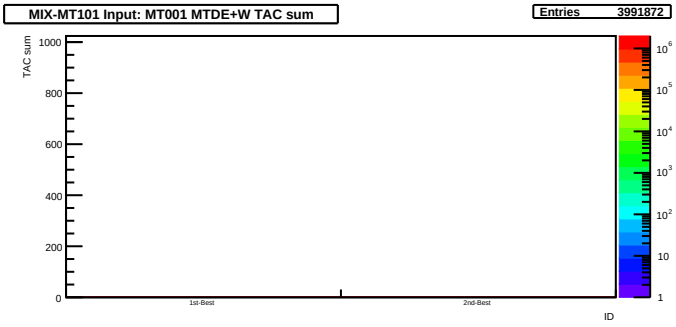
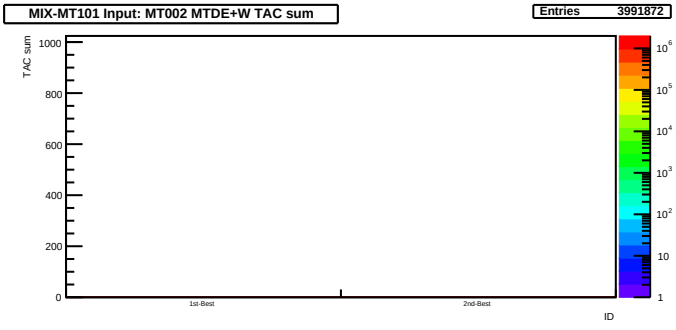
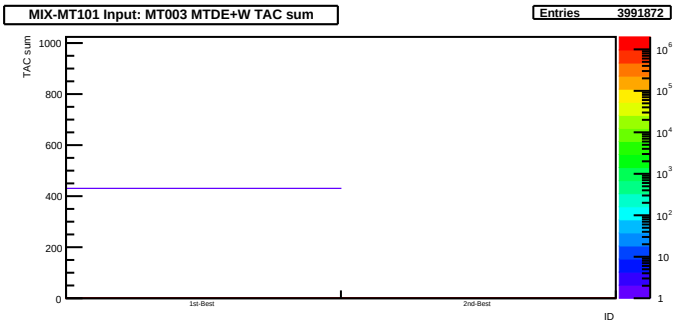
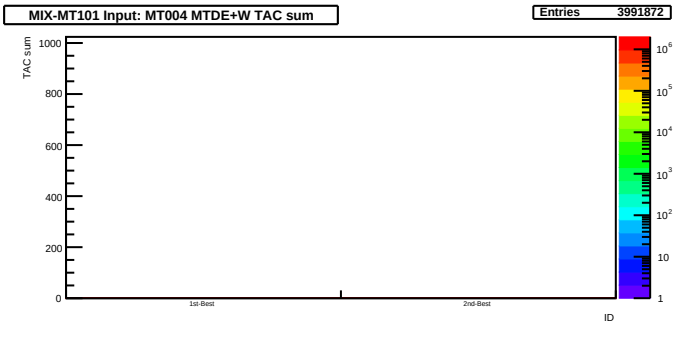
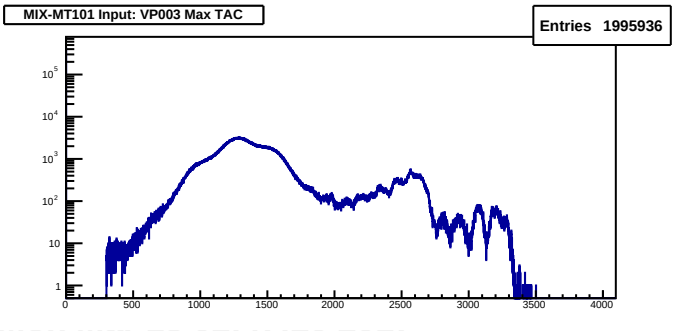
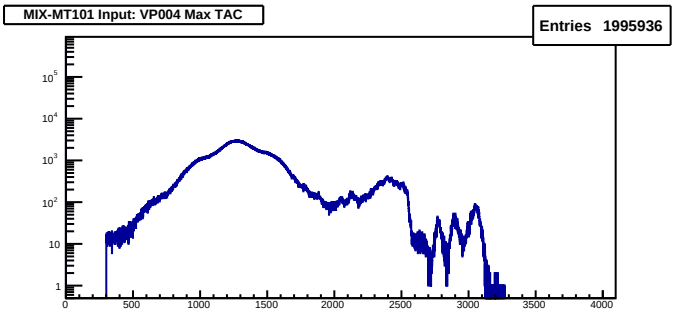

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3991872
TAC sum
1st-Best
2nd-Best
ID

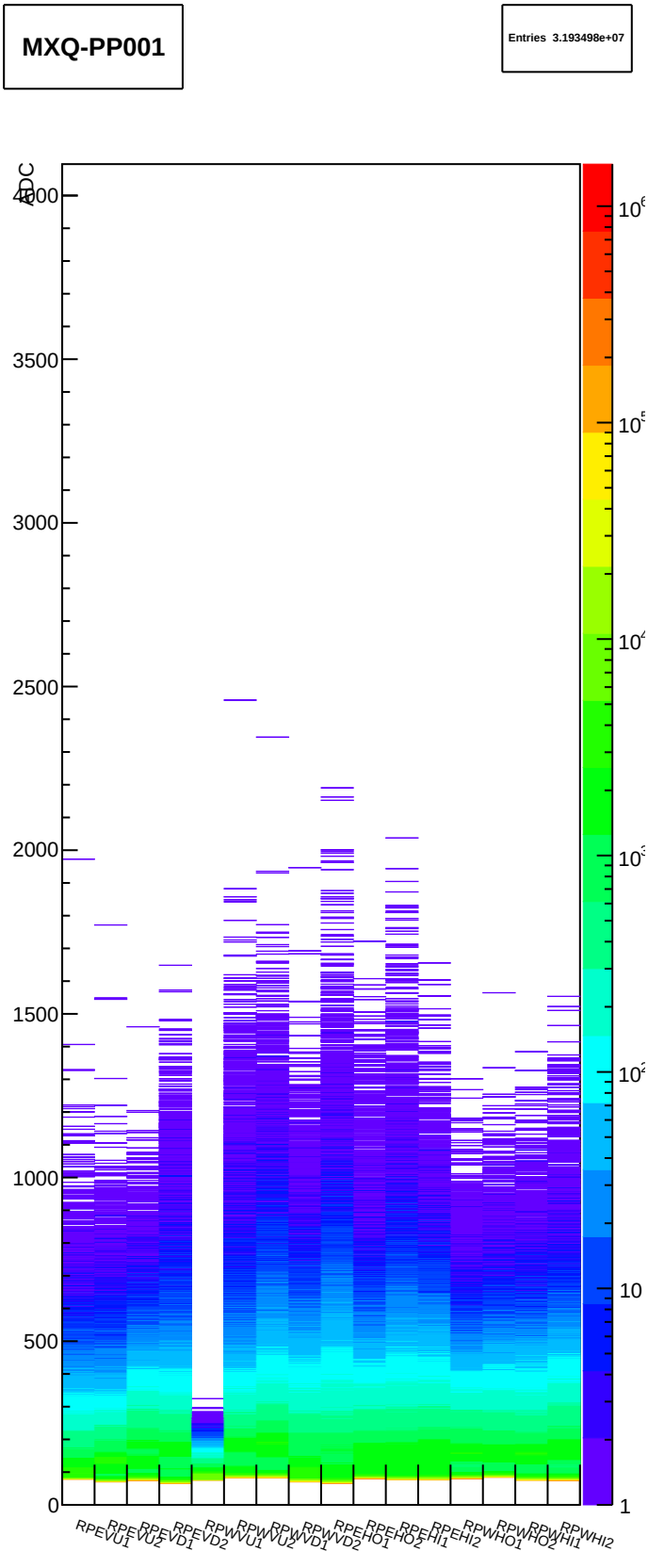

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3991872
TAC sum
1st-Best
2nd-Best
ID

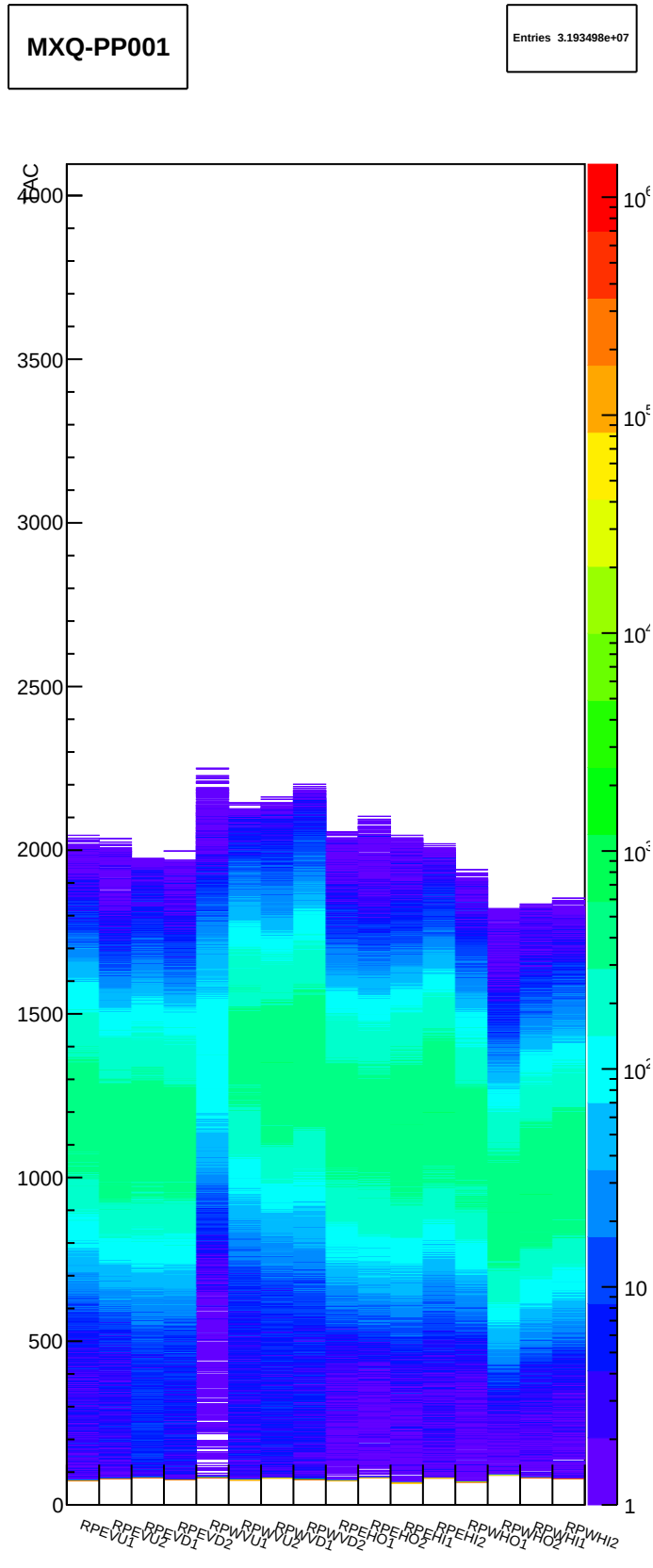

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3991872
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3991872
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 1995936


MIX-MT101 Input: VP004 Max TAC
Entries 1995936


MXQ-PP001
Entries 3.193498e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 3.193498e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
RPEHI2
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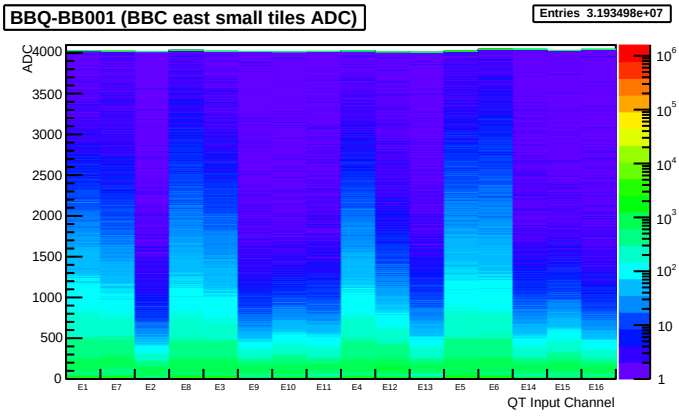
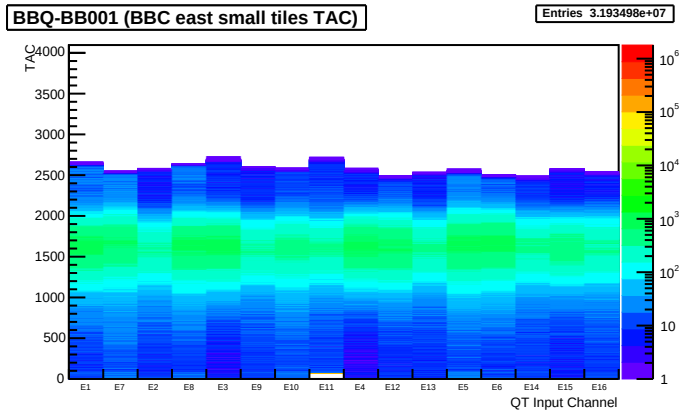
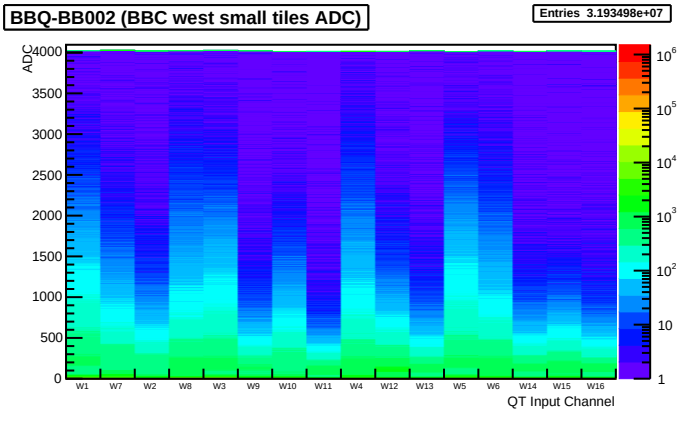
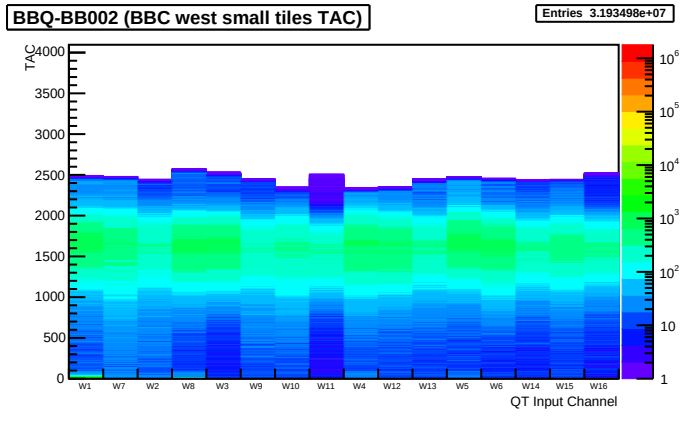
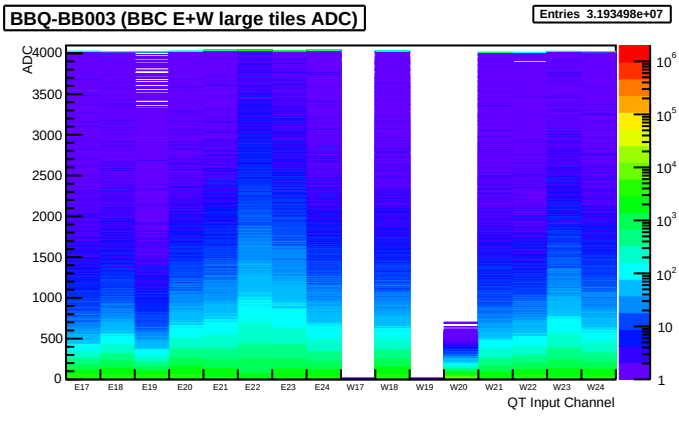
RPWHO2
RPWHI1
RPWHI2
1
10

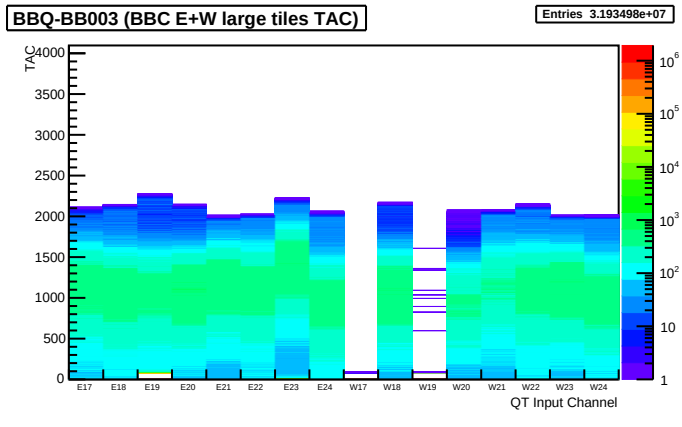

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.193498e+07
ADC
QT Input Channel

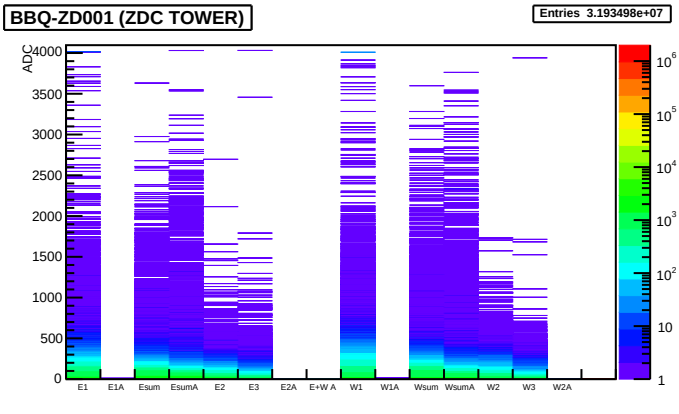

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.193498e+07
TAC
QT Input Channel

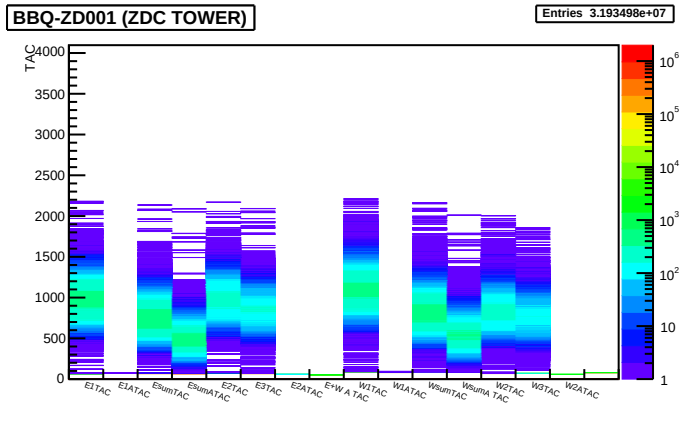

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.193498e+07
ADC
QT Input Channel

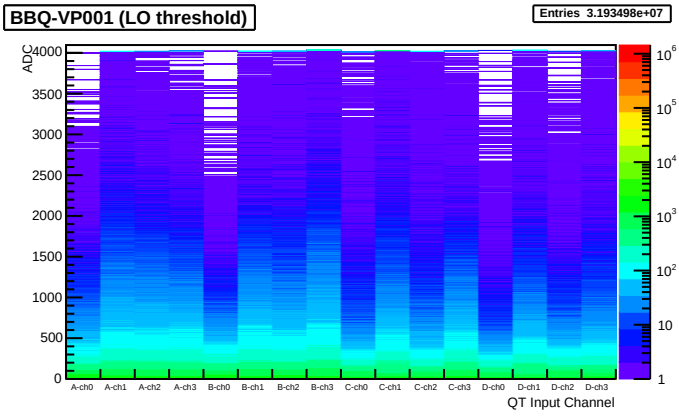

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.193498e+07
TAC
QT Input Channel

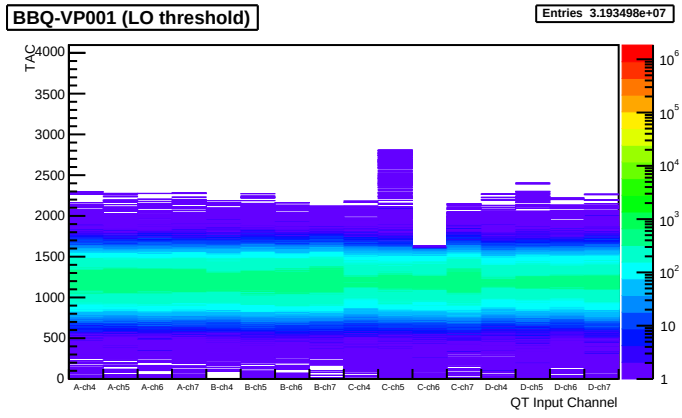

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.193498e+07
ADC
QT Input Channel

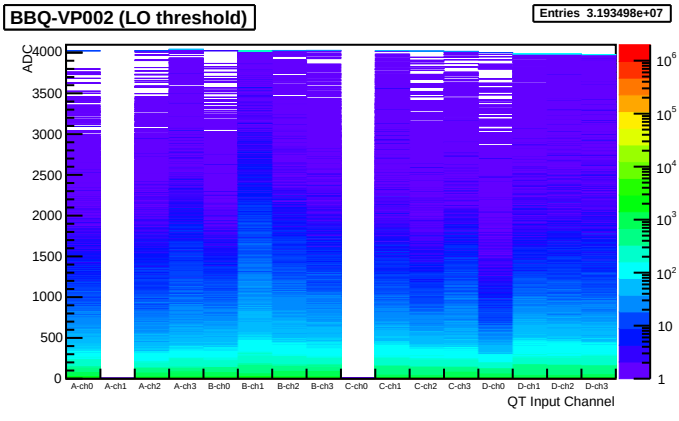

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.193498e+07
TAC
QT Input Channel

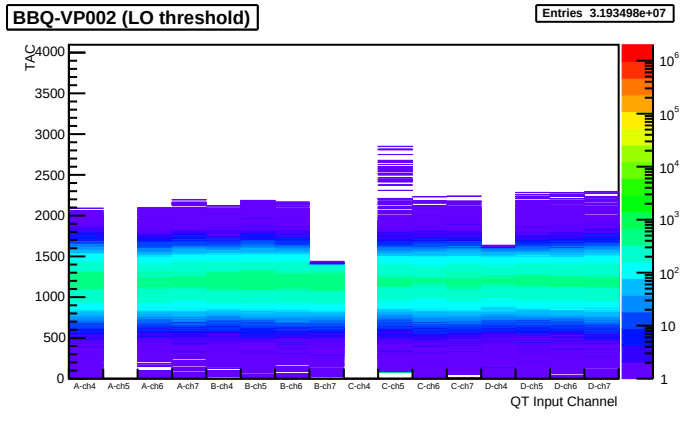

BBQ-ZD001 (ZDC TOWER)
Entries 3.193498e+07
ADC

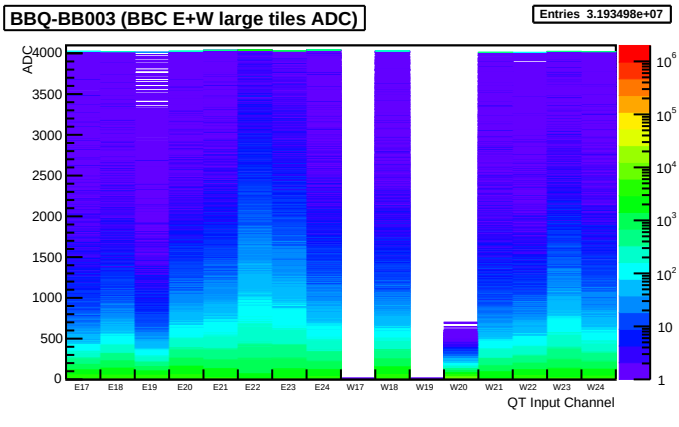

BBQ-ZD001 (ZDC TOWER)
Entries 3.193498e+07
TAC

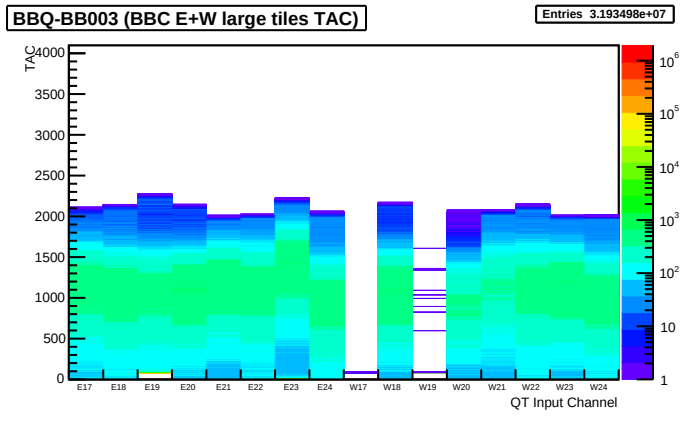

BBQ-VP001 (LO threshold)
Entries 3.193498e+07
ADC
QT Input Channel

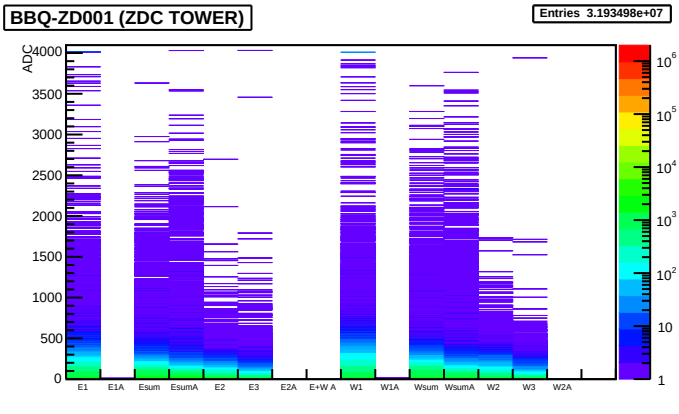

BBQ-VP001 (LO threshold)
Entries 3.193498e+07
TAC
QT Input Channel

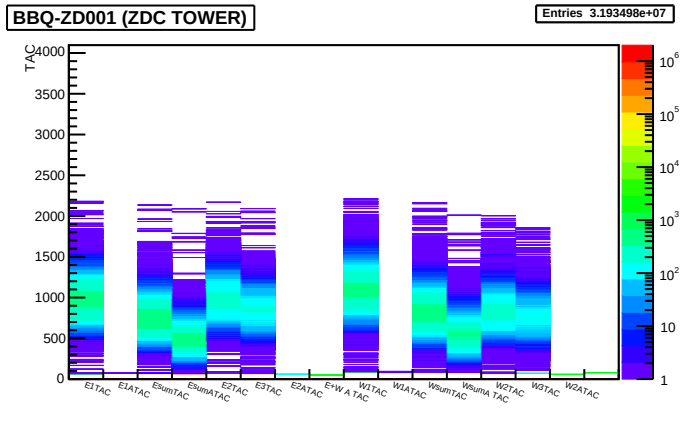

BBQ-VP002 (LO threshold)
Entries 3.193498e+07
ADC
QT Input Channel

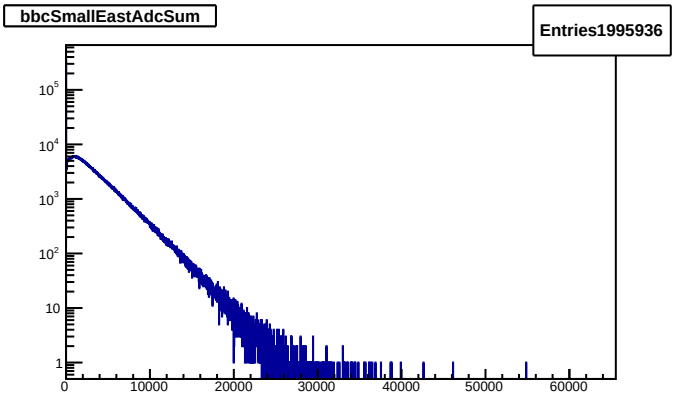

BBQ-VP002 (LO threshold)
Entries 3.193498e+07
TAC
QT Input Channel

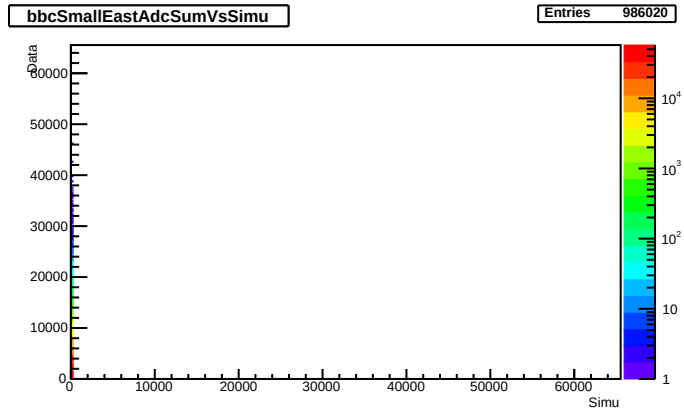

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.193498e+07
ADC
QT Input Channel

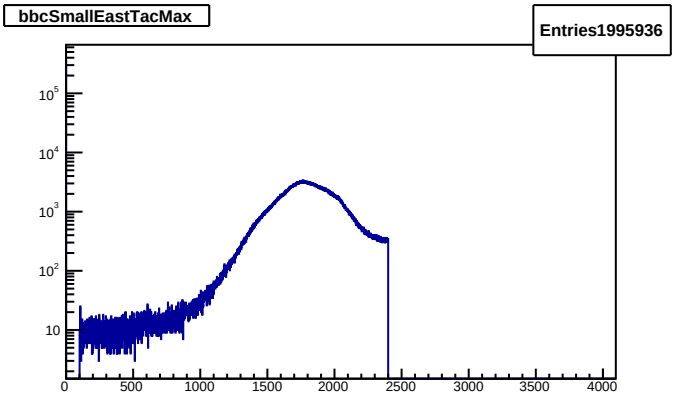

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.193498e+07
TAC
QT Input Channel

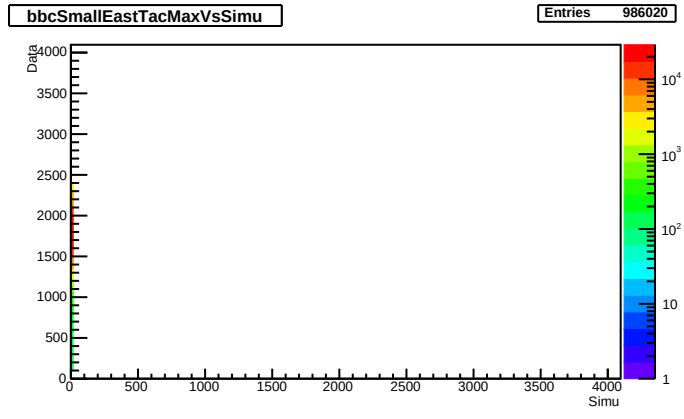

BBQ-ZD001 (ZDC TOWER)
Entries 3.193498e+07
ADC

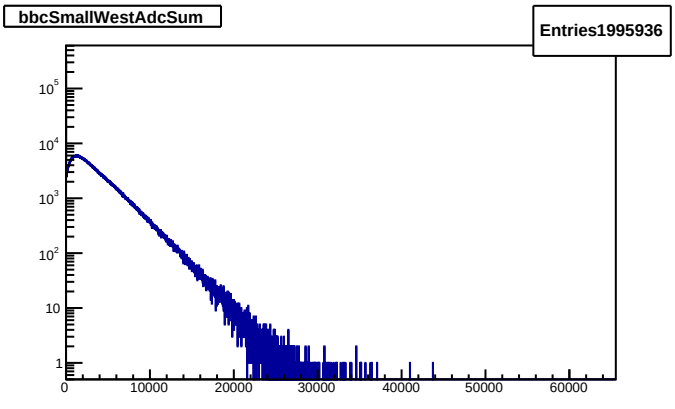

BBQ-ZD001 (ZDC TOWER)
Entries 3.193498e+07
TAC

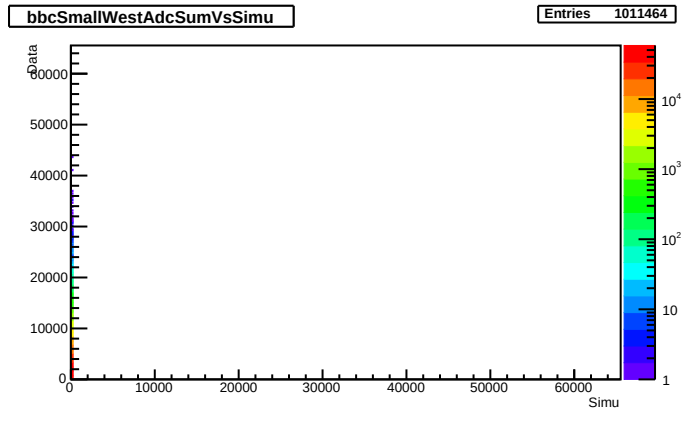

bbcSmallEastAdcSum
Entries1995936


bbcSmallEastAdcSumVsSimu
Entries 986020
Data
Simu


bbcSmallEastTacMax
Entries1995936


bbcSmallEastTacMaxVsSimu
Entries 986020
Data
Simu


bbcSmallWestAdcSum
Entries1995936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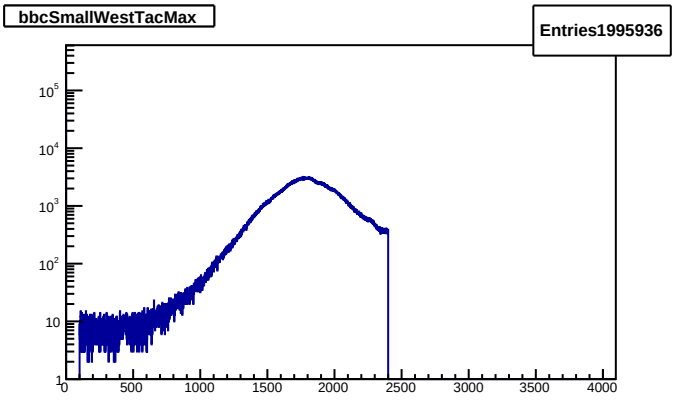
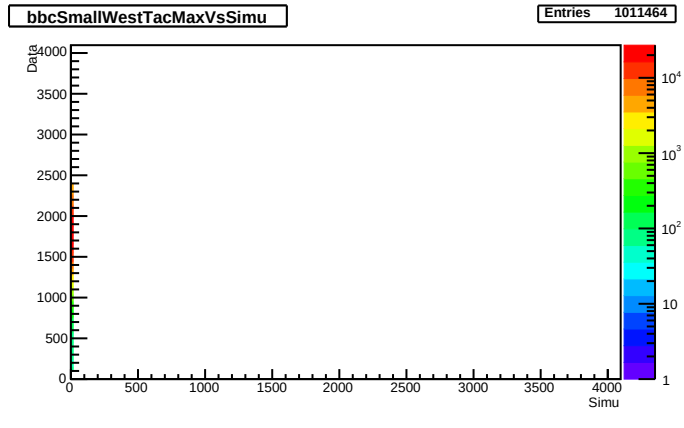
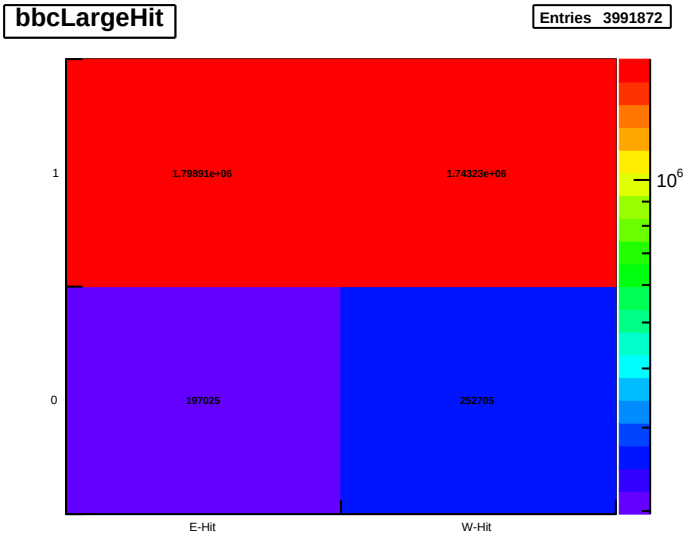
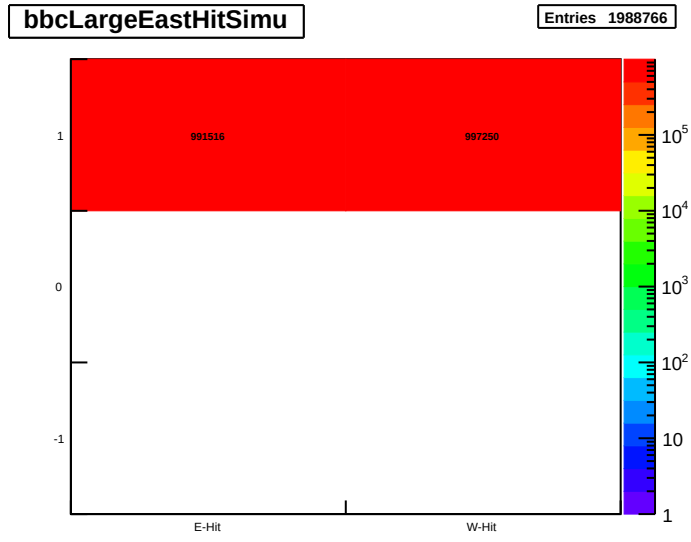
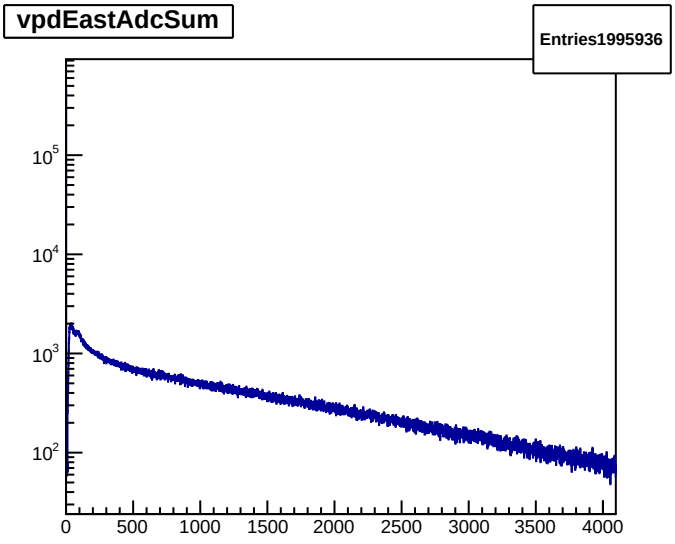
Entries 1011464
Data
Simu

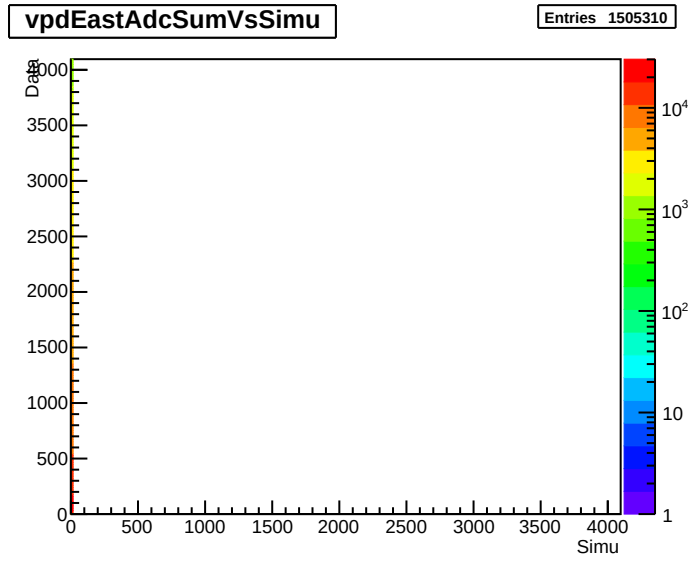

bbcSmallWestTacMax
Entries1995936

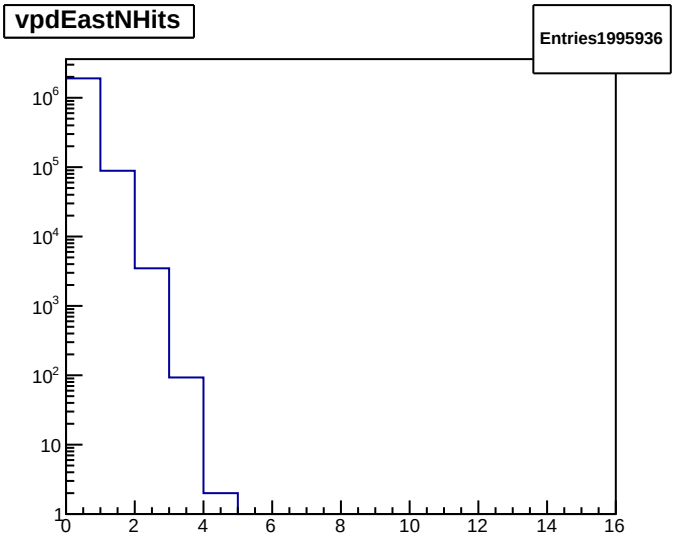

bbcSmallWestTacMaxVsSimu
Entries 1011464
Data
Simu

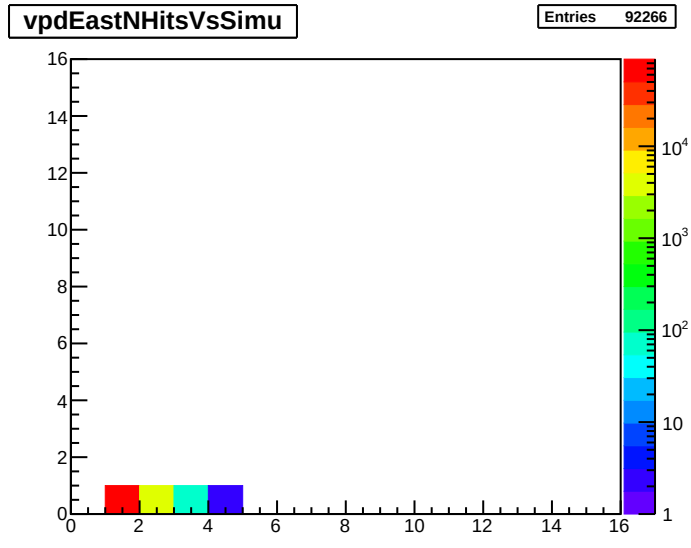

bbcLargeHit
Entries 3991872
1.79891e+06
1.74323e+06
197025
252705
1
0
E-Hit
W-Hit
$10^6$

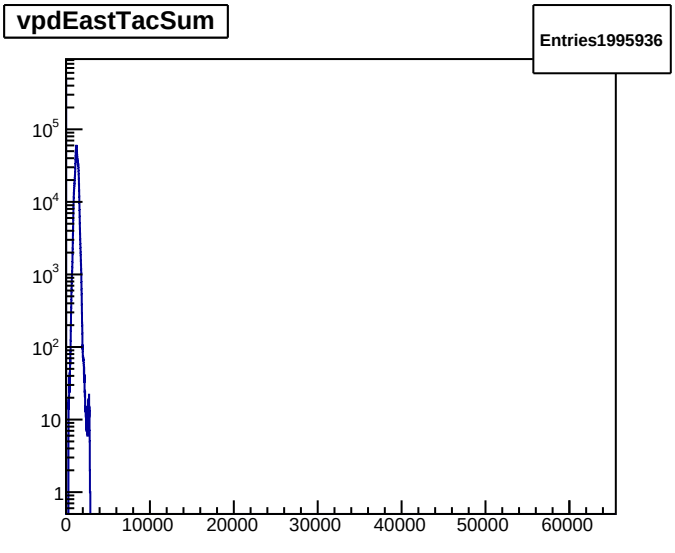

bbcLargeEastHitSimu
Entries 1988766
991516
997250
1
0
-1
E-Hit
W-Hit
$10^5$
$10^4$
$10^3$
$10^2$
10
1

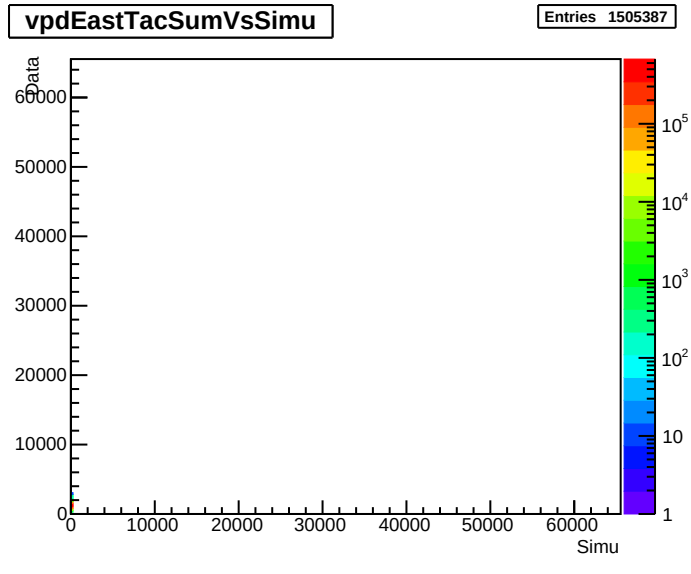

vpdEastAdcSum
Entries1995936

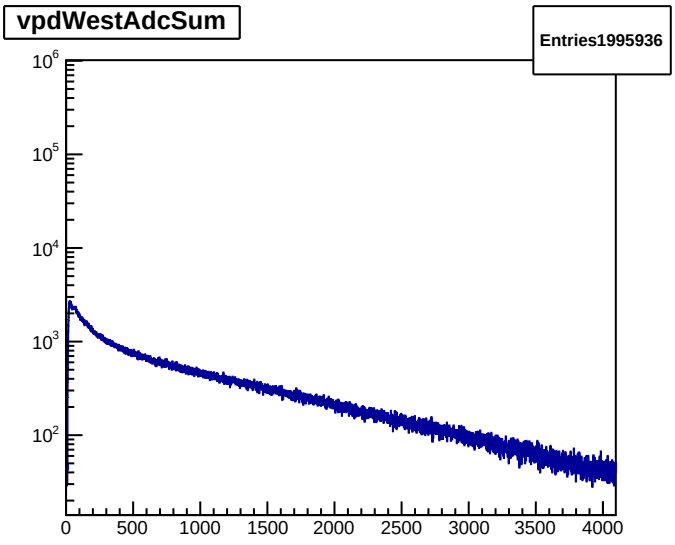

vpdEastAdcSumVsSimu
Entries 1505310
Data
Simu

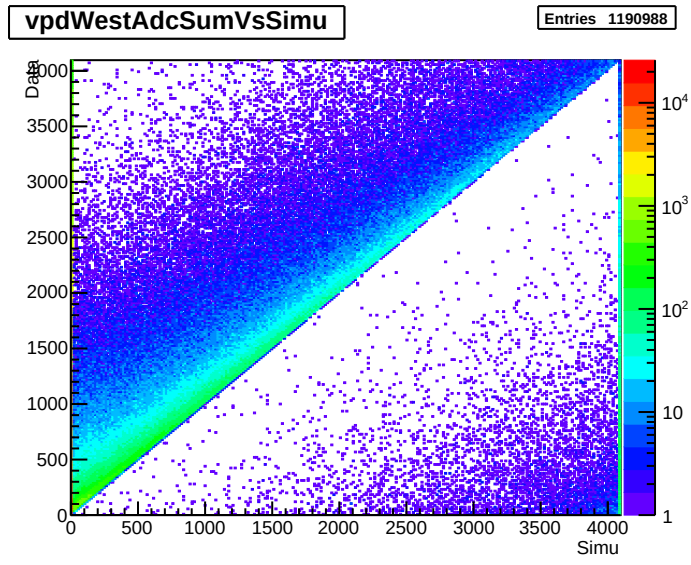

vpdEastNHits
Entries1995936

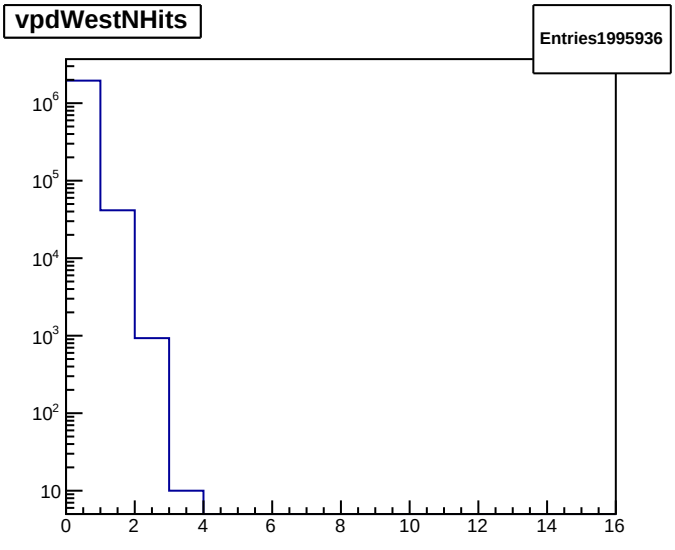

vpdEastNHitsVsSimu
Entries 92266

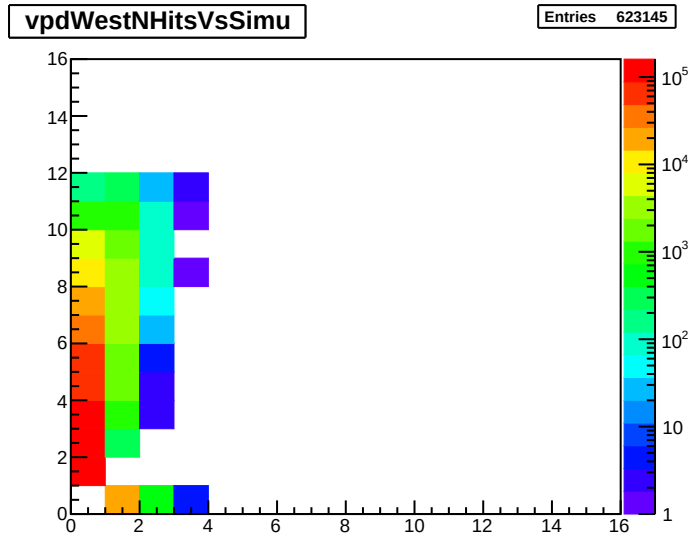

vpdEastTacSum
Entries1995936

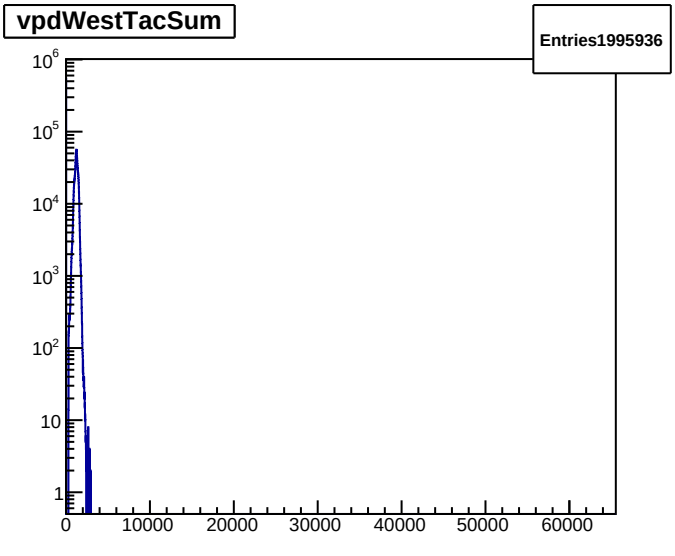

vpdEastTacSumVsSimu
Entries 1505387
Data
Simu

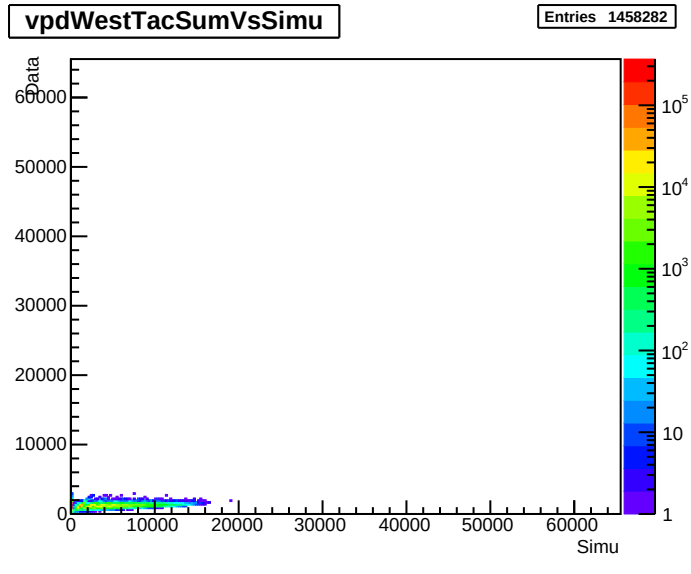

vpdWestAdcSum
Entries1995936

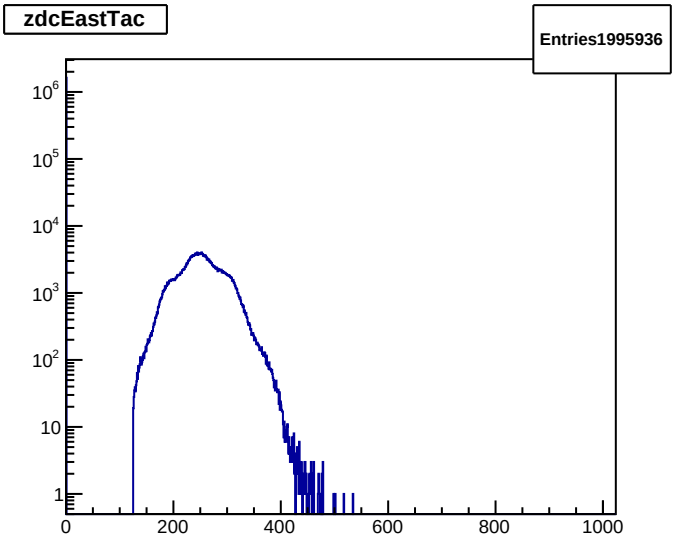

vpdWestAdcSumVsSimu
Entries 1190988
Data
Simu

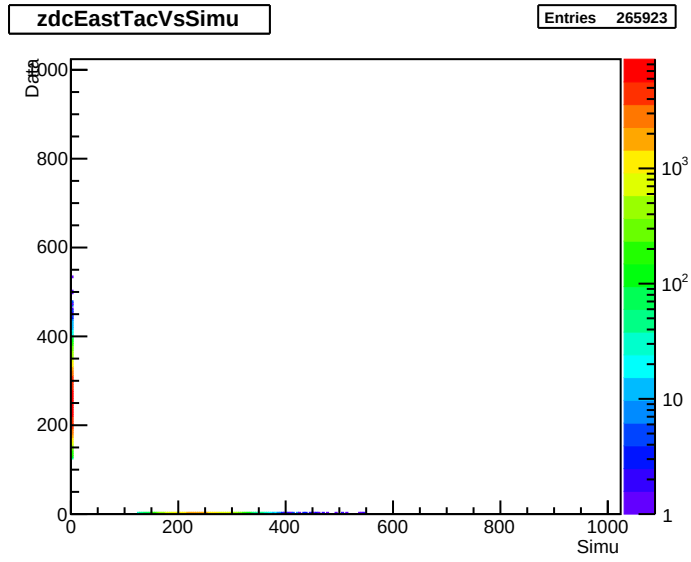

vpdWestNHits
Entries1995936

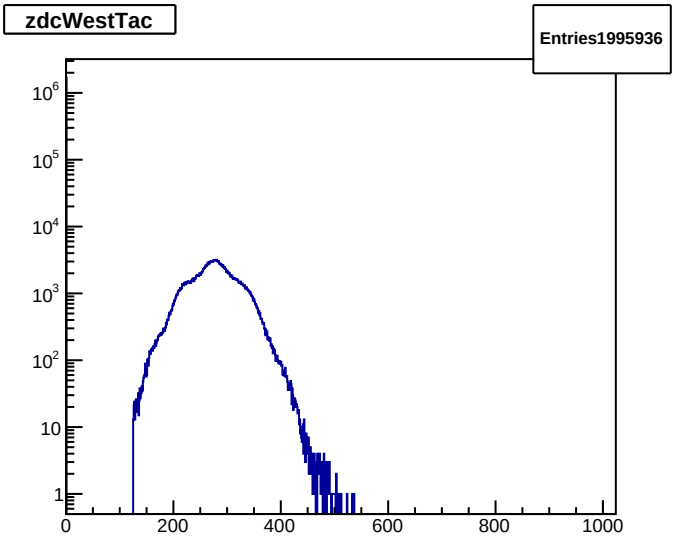

vpdWestNHitsVsSimu
Entries 623145

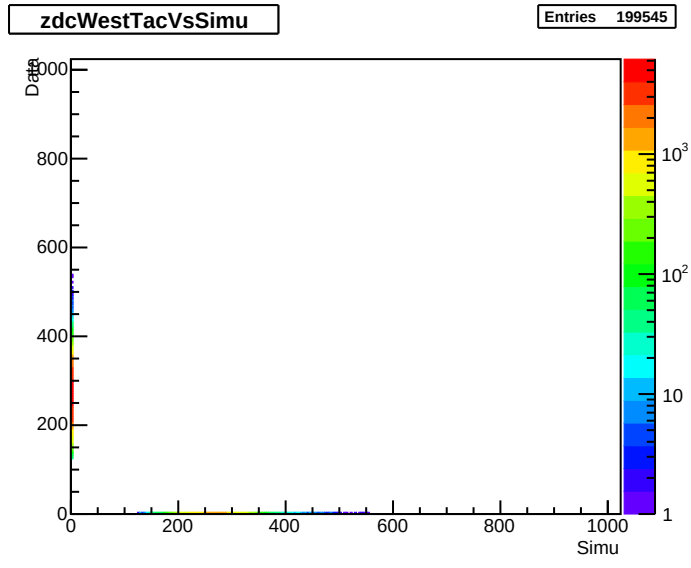

vpdWestTacSum
Entries1995936

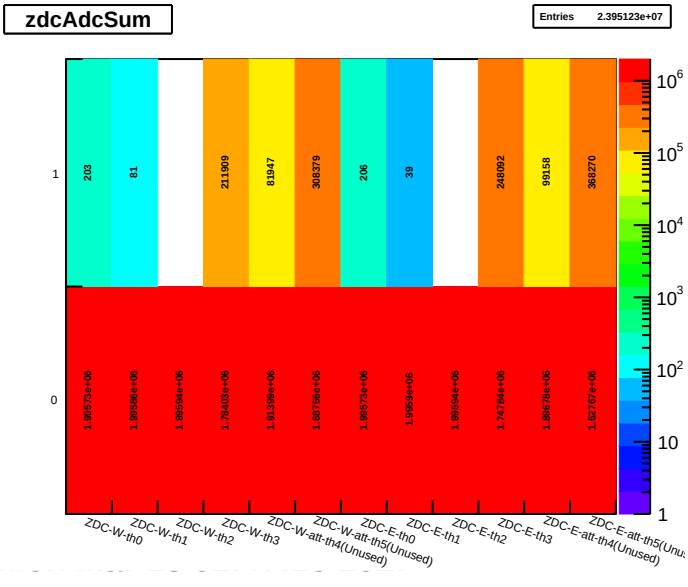

vpdWestTacSumVsSimu
Entries 1458282
Data
Simu

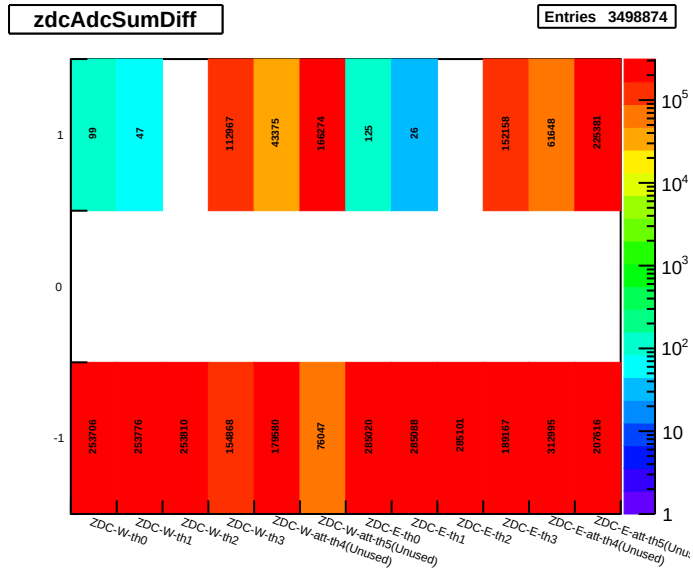

zdcEastTac
Entries1995936

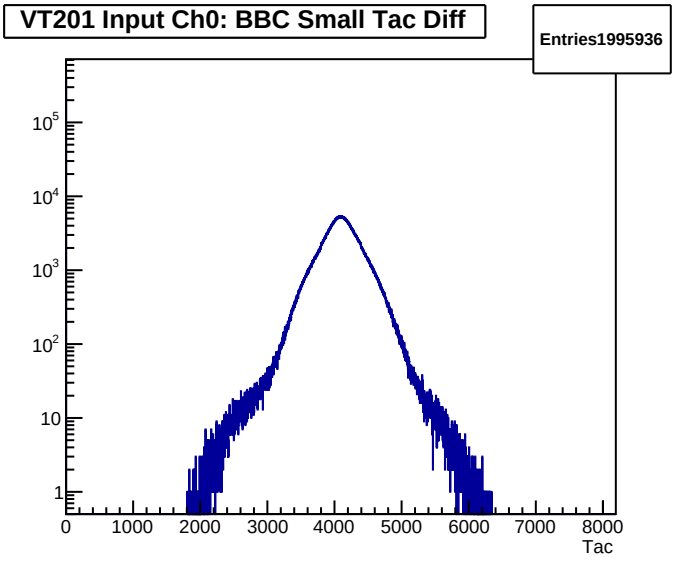

zdcEastTacVsSimu
Entries 265923
Data
Simu

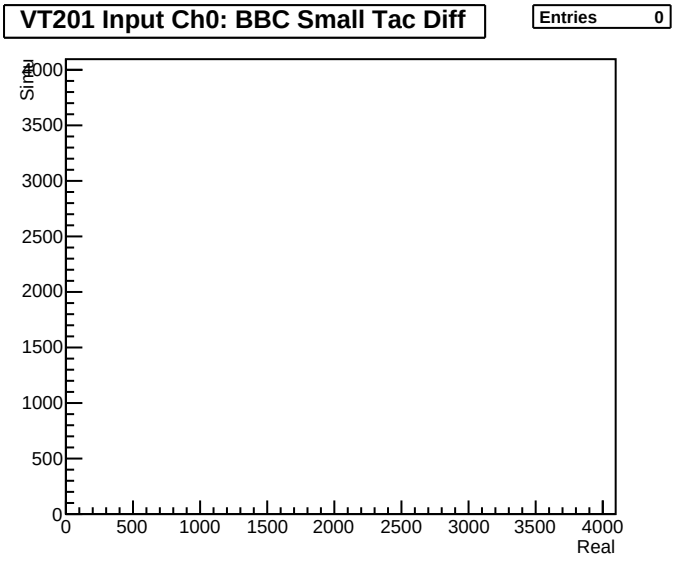

zdcWestTac
Entries1995936

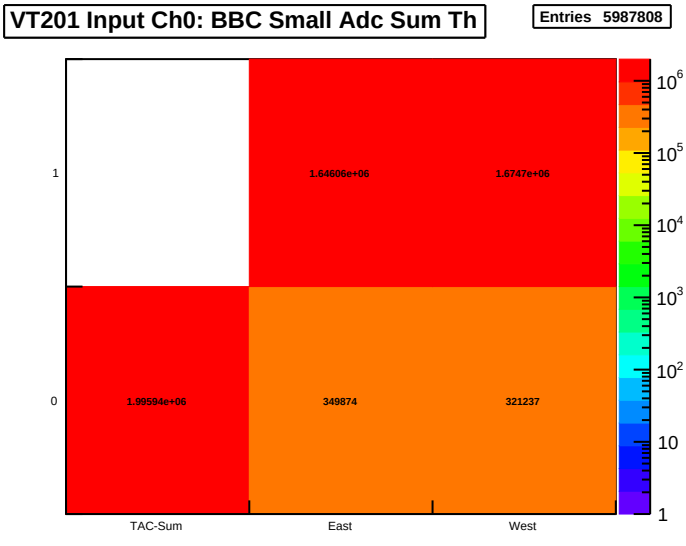

zdcWestTacVsSimu
Entries 199545
Data
Simu

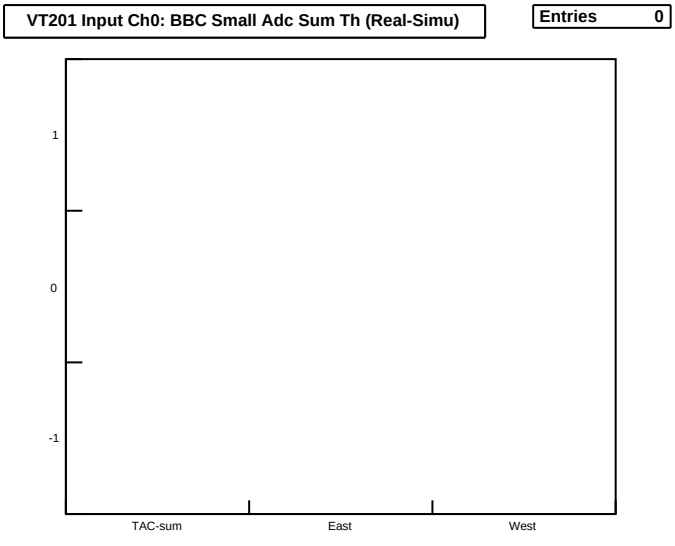

zdcAdcSum
Entries 2.395123e+07
203
81
211909
81947
303379
206
39
248092
99158
368270
1.99572e+06
1.99586e+06
1.99594e+06
1.78403e+06
1.91399e+06
1.62756e+06
1.99573e+06
1.99599e+06
1.99594e+06
1.74784e+06
1.89678e+06
1.62767e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

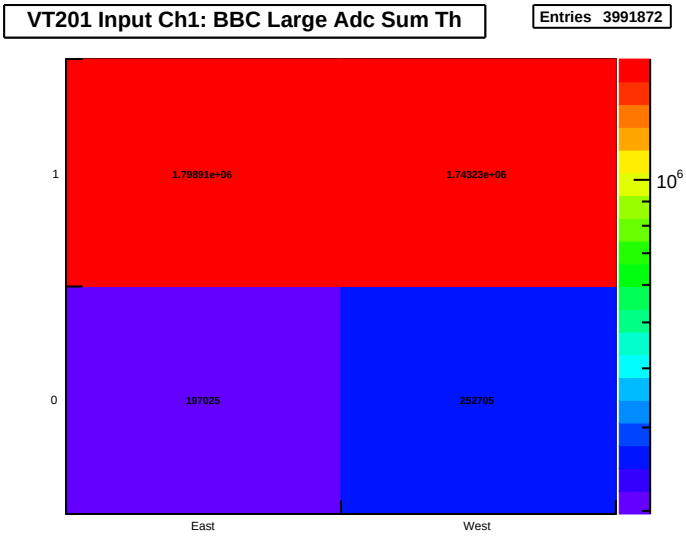

zdcAdcSumDiff
Entries 3498874
99
47
112967
43375
166274
125
26
152158
61648
25381
253706
253776
253810
154868
179580
76047
285020
285088
285101
183167
312995
207616
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

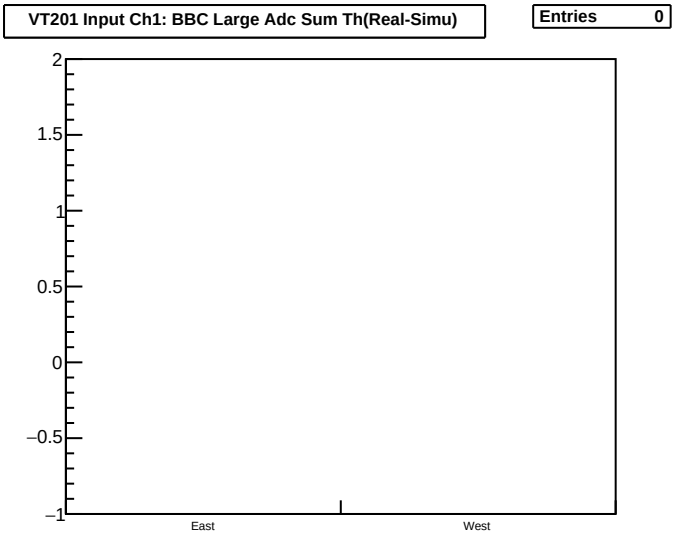

VT201 Input Ch0: BBC Small Tac Diff
Entries1995936
Tac


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

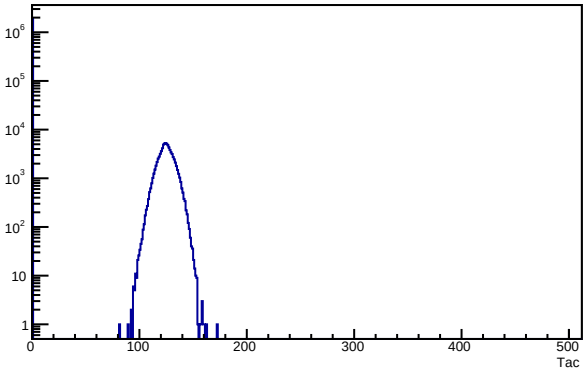

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 5987808
1.64606e+06
1.6747e+06
1.99594e+06
349874
321237
TAC-Sum
East
West


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

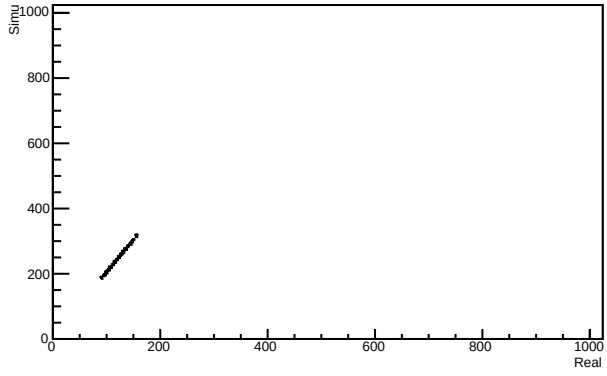

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3991872
1.79891e+06
1.74323e+06
197025
252705
East
West


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

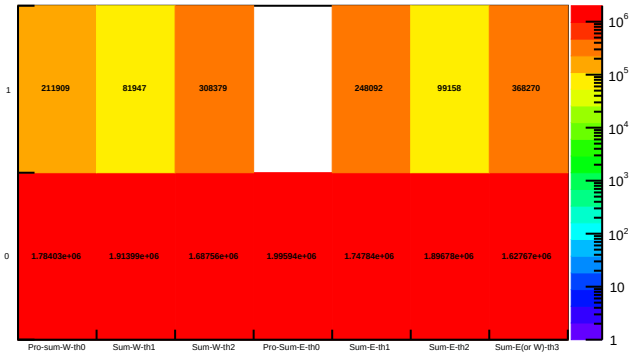
**VT201 Input Ch2: ZDC Tac Diff**



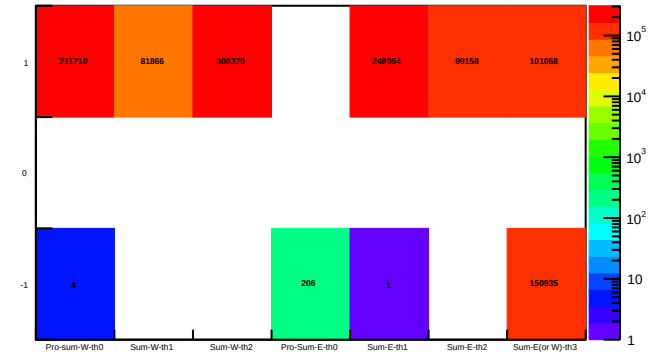

**VT201 Input Ch2: ZDC Tac Diff**



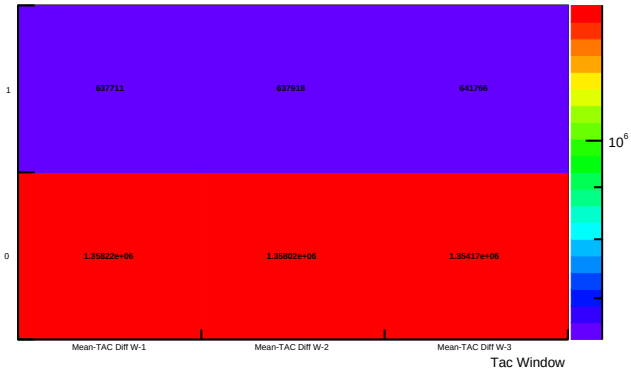

**VT201 Input Ch2: ZDC Adc Sum Th**



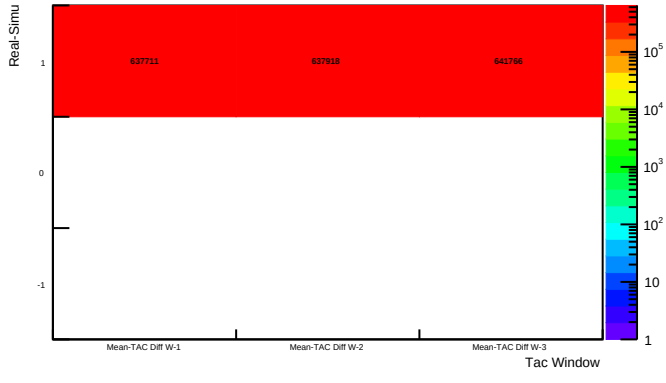

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



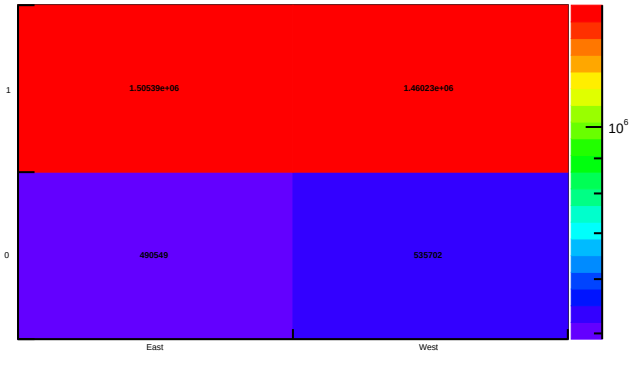

**VT201 Input Ch4: VPD Tac Diff**



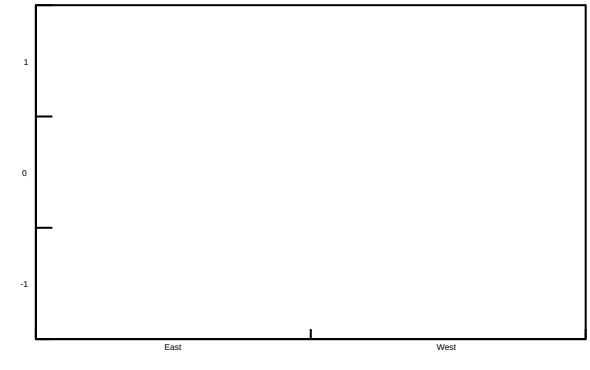

**VT201 Input Ch4: VPD Tac Diff**

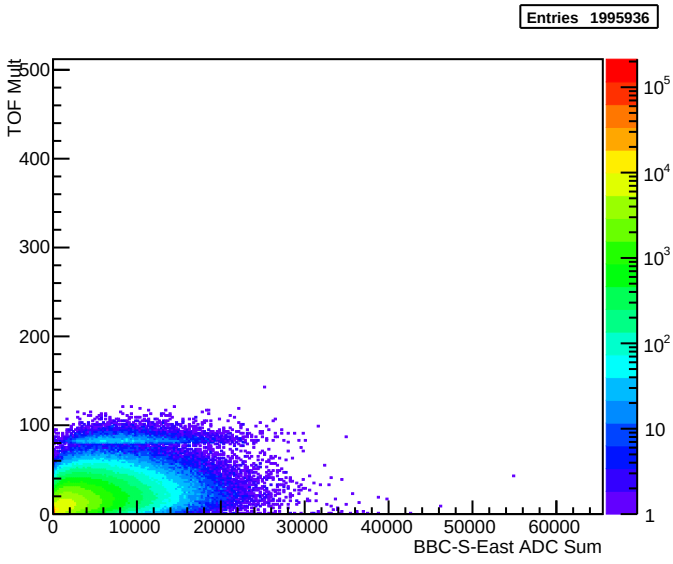


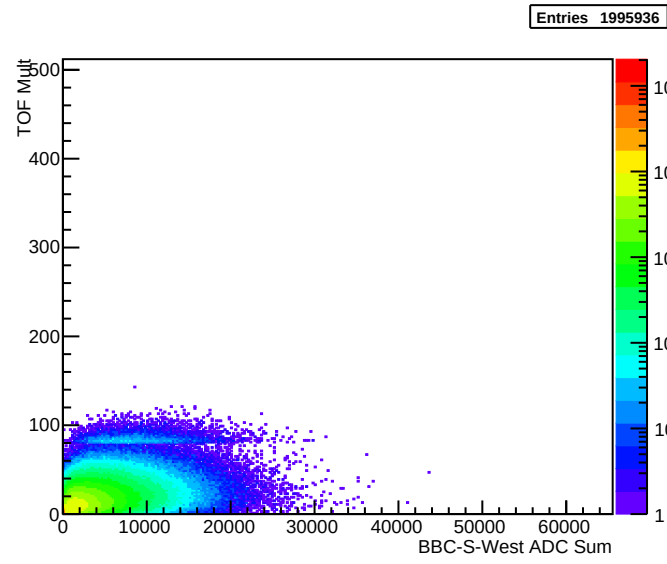

**VT201 Input Ch4: VPD Adc Sum Th**

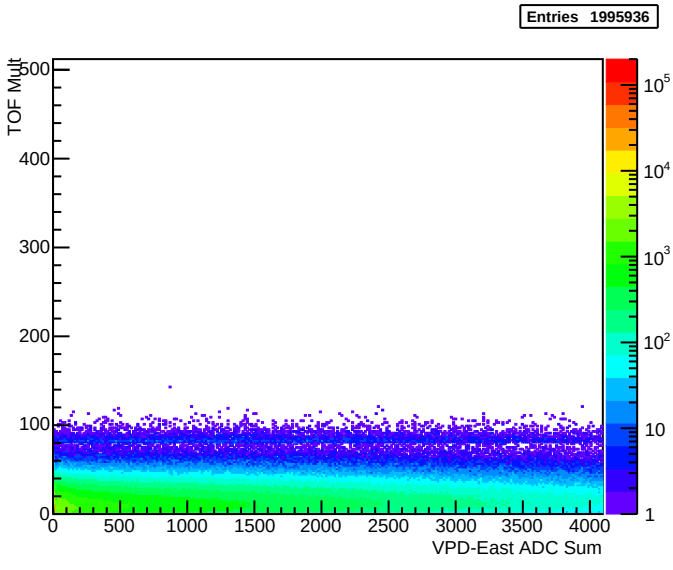


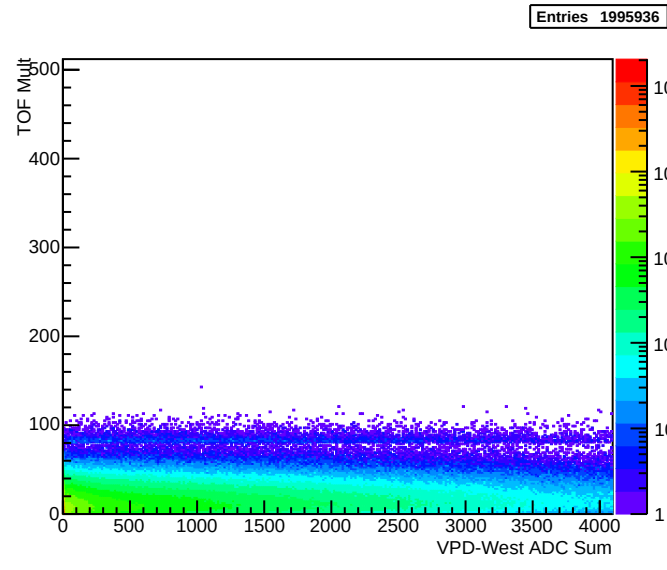

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

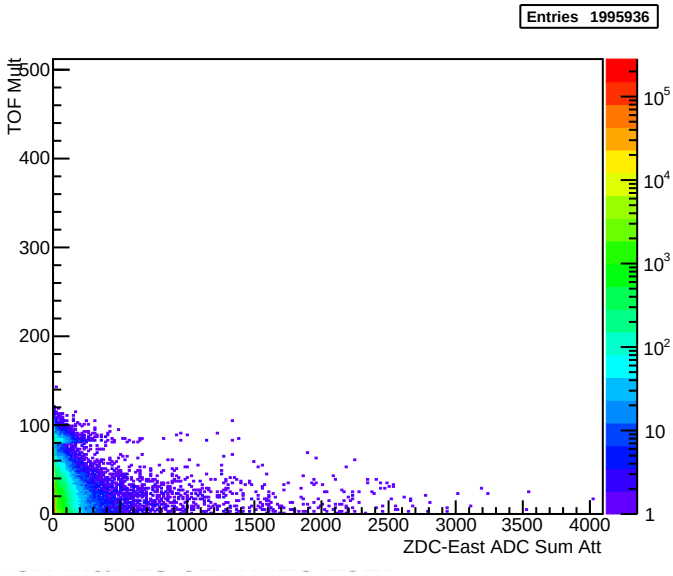


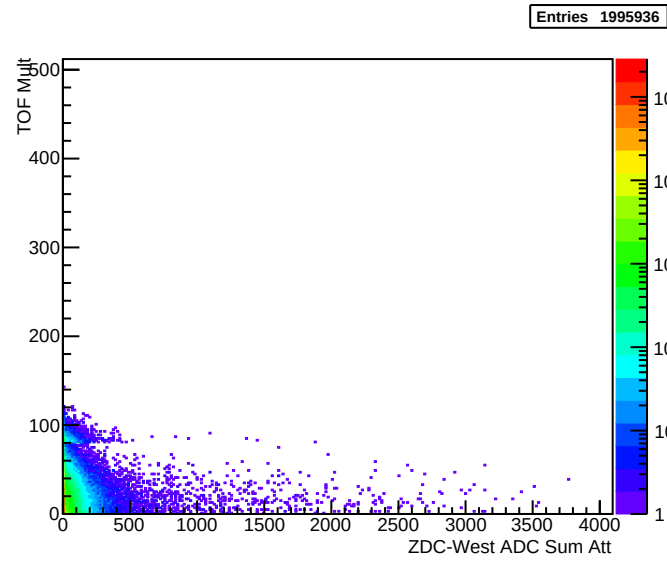

Entries 1995936
TOF Mult
BBC-S-East ADC Sum

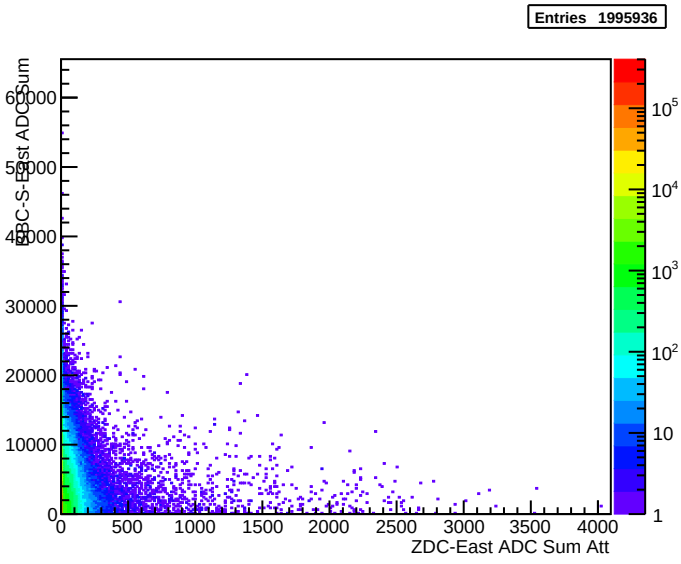

Entries 1995936
TOF Mult
BBC-S-West ADC Sum

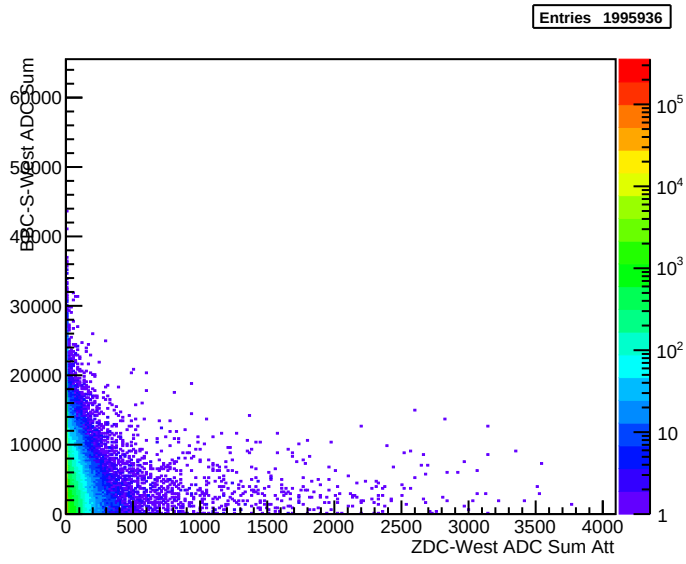

Entries 1995936
TOF Mult
VPD-East ADC Sum

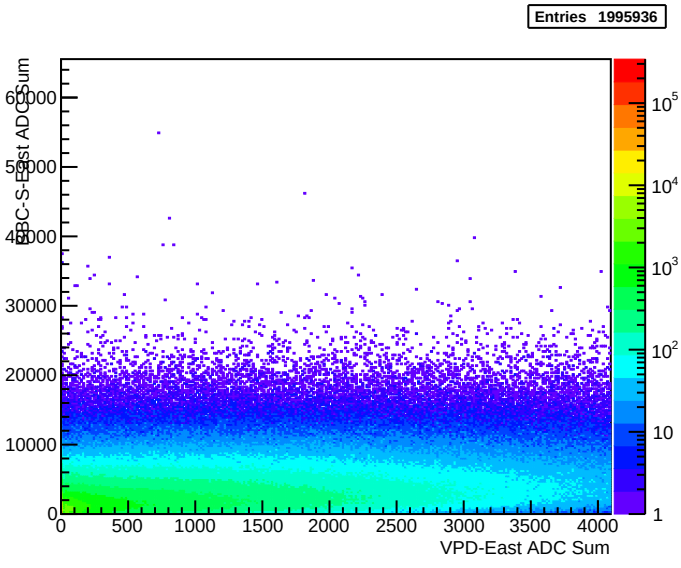

Entries 1995936
TOF Mult
VPD-West ADC Sum

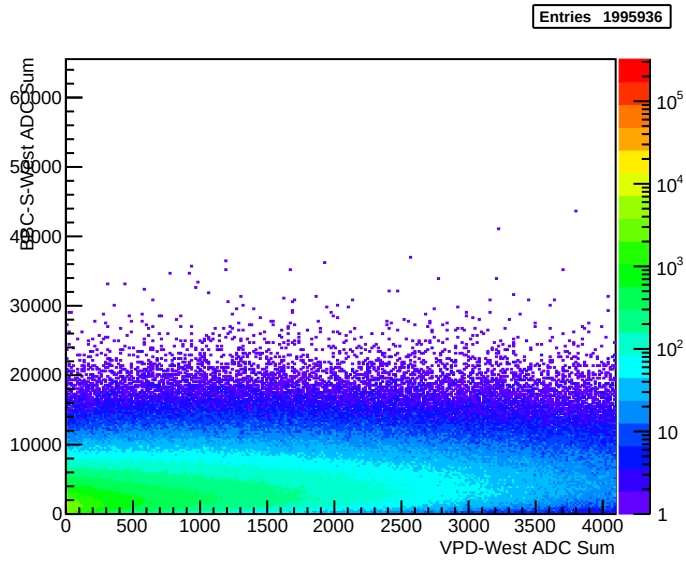

Entries 1995936
TOF Mult
ZDC-East ADC Sum Att

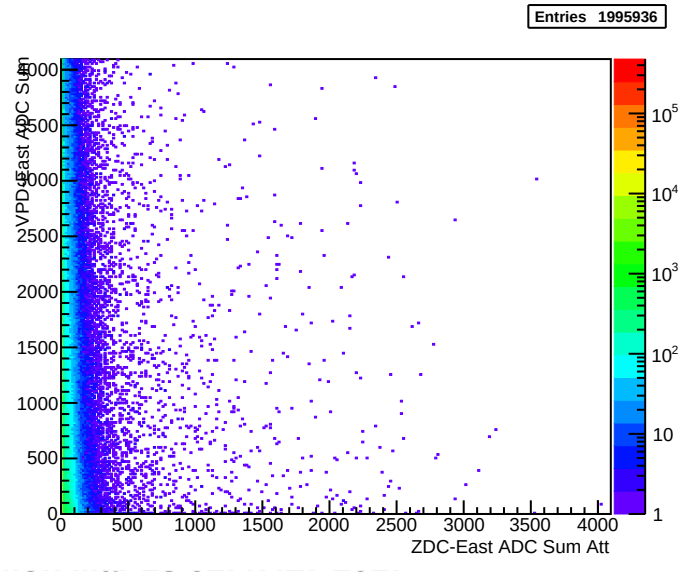

Entries 1995936
TOF Mult
ZDC-West ADC Sum Att

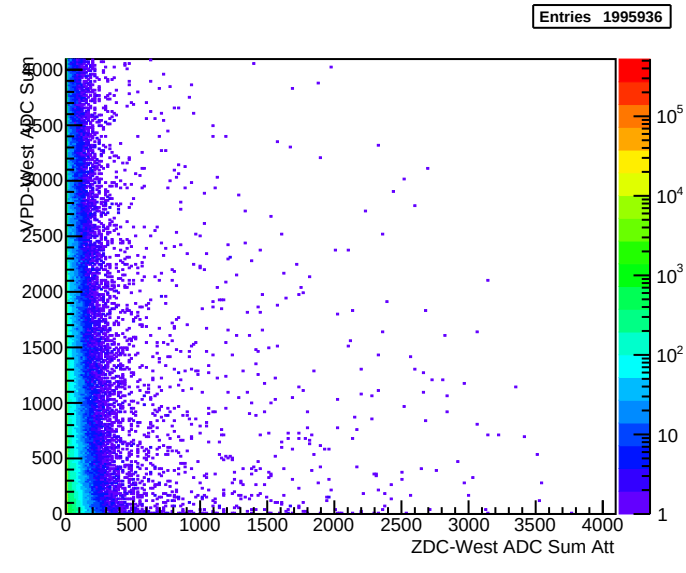

Entries 1995936
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

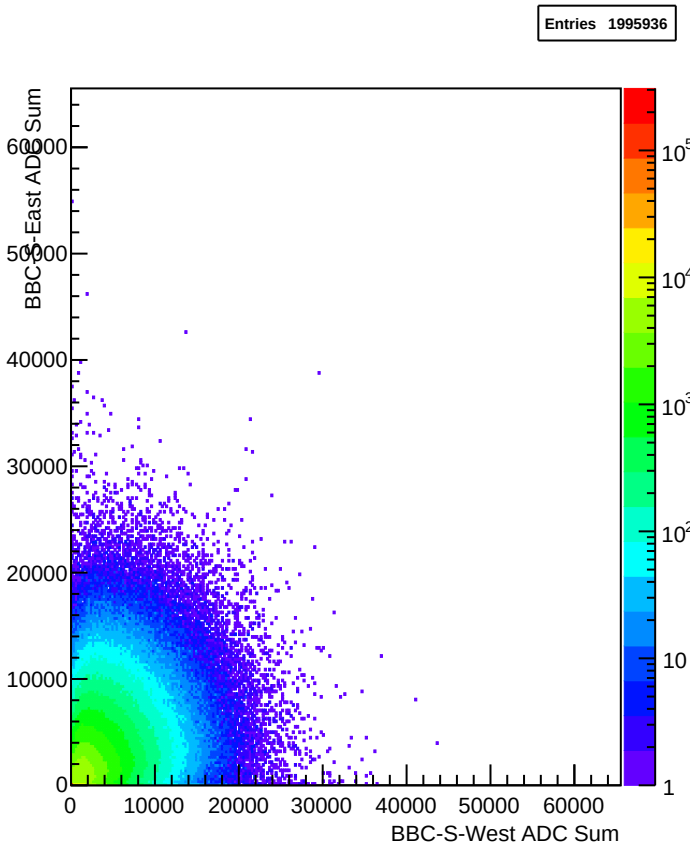

Entries 1995936
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

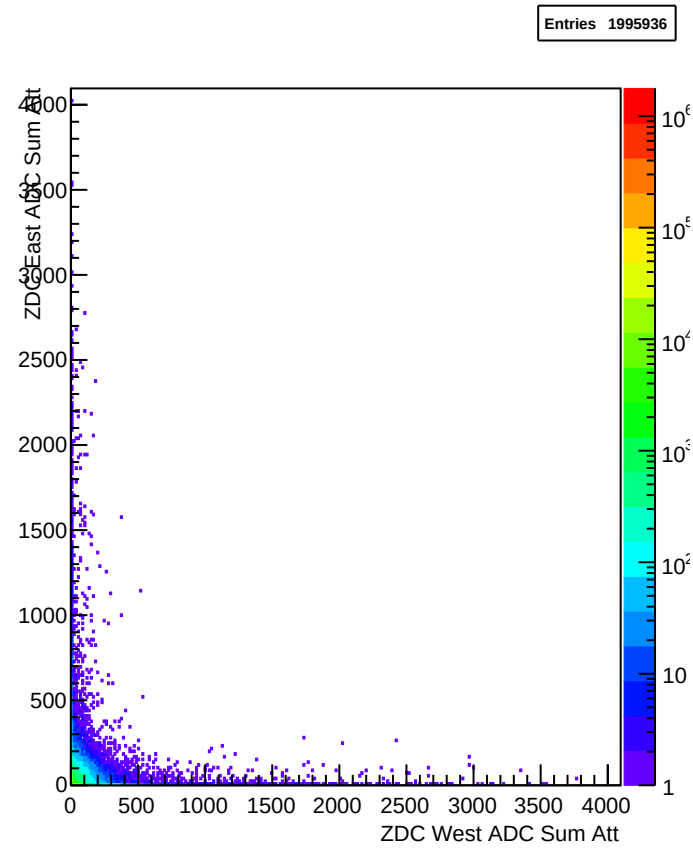

Entries 1995936
BBC-S-East ADC Sum
VPD-East ADC Sum

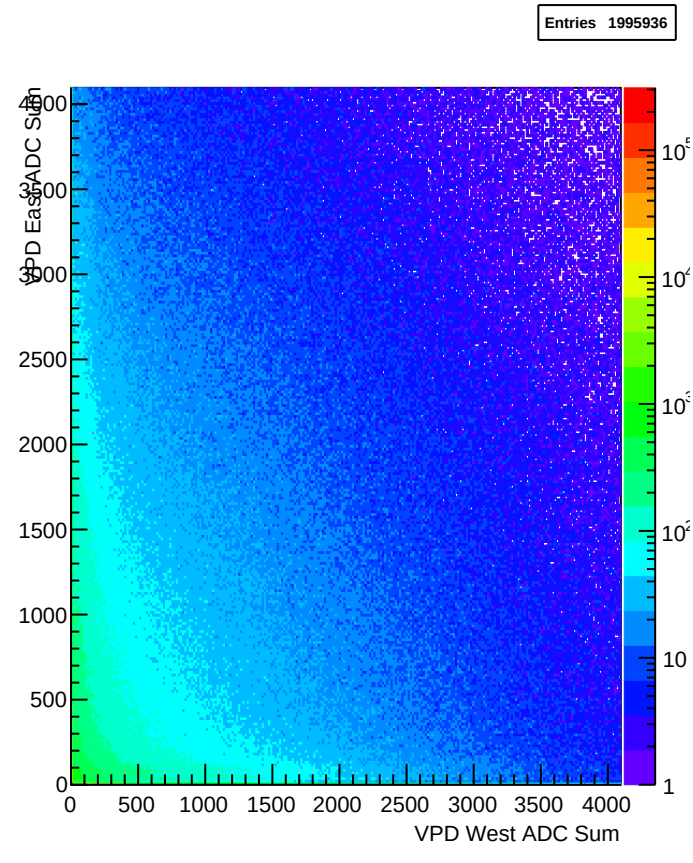

Entries 1995936
BBC-S-West ADC Sum
VPD-West ADC Sum

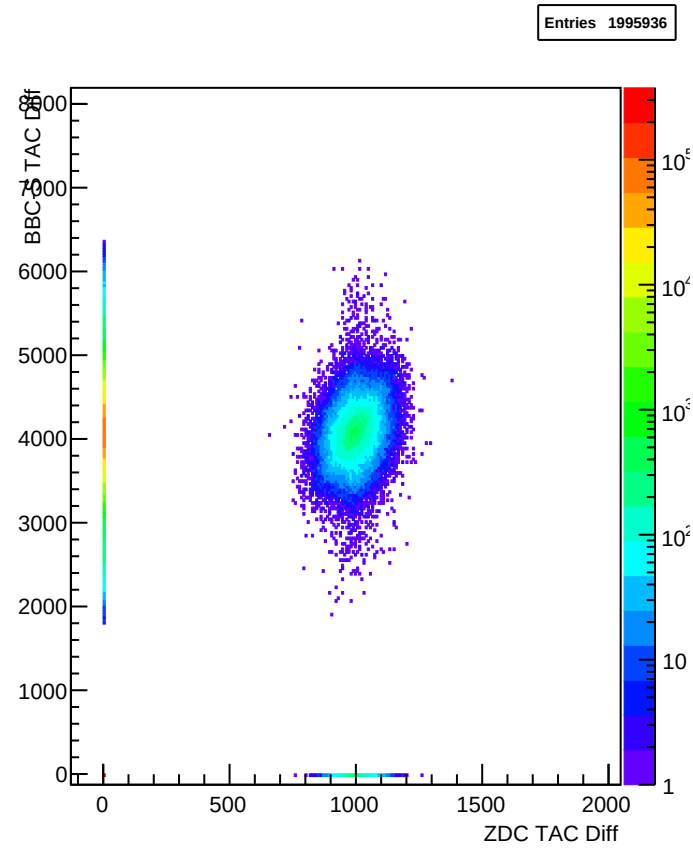

Entries 1995936
VPD-East ADC Sum
ZDC-East ADC Sum Att

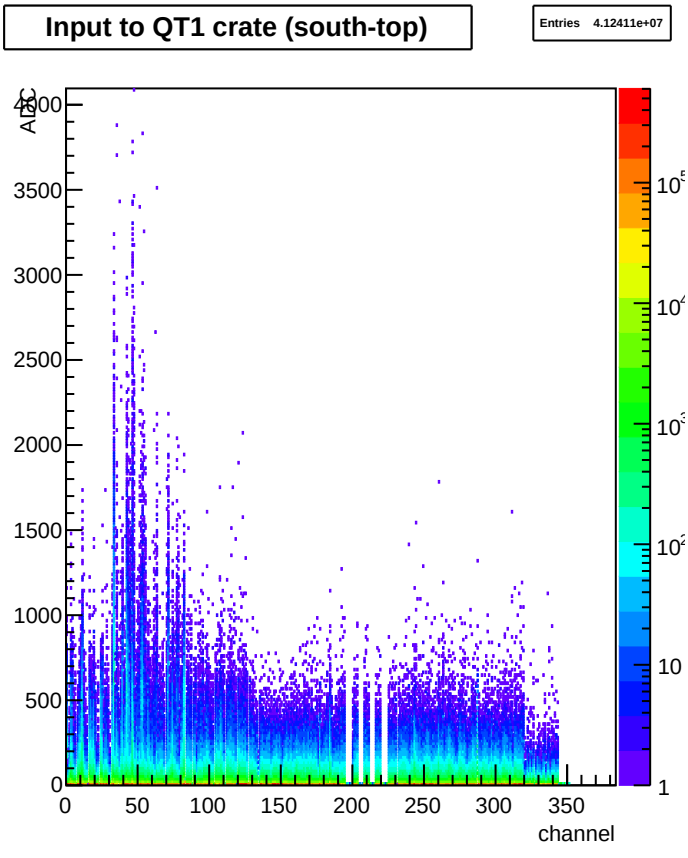

Entries 1995936
VPD-West ADC Sum
ZDC-West ADC Sum Att

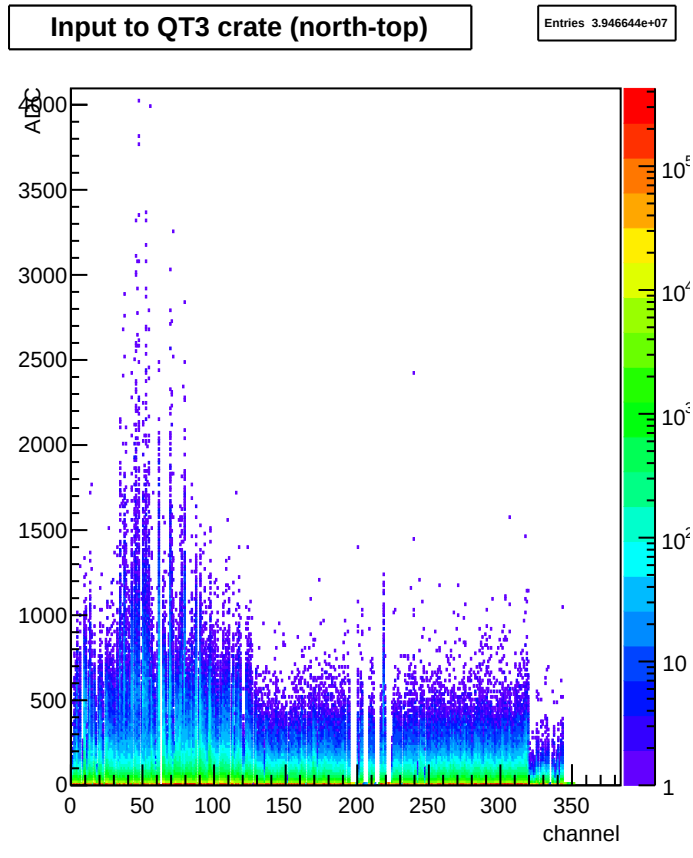

Entries 1995936
BBC-S-East ADC Sum
BBC-S-West ADC Sum

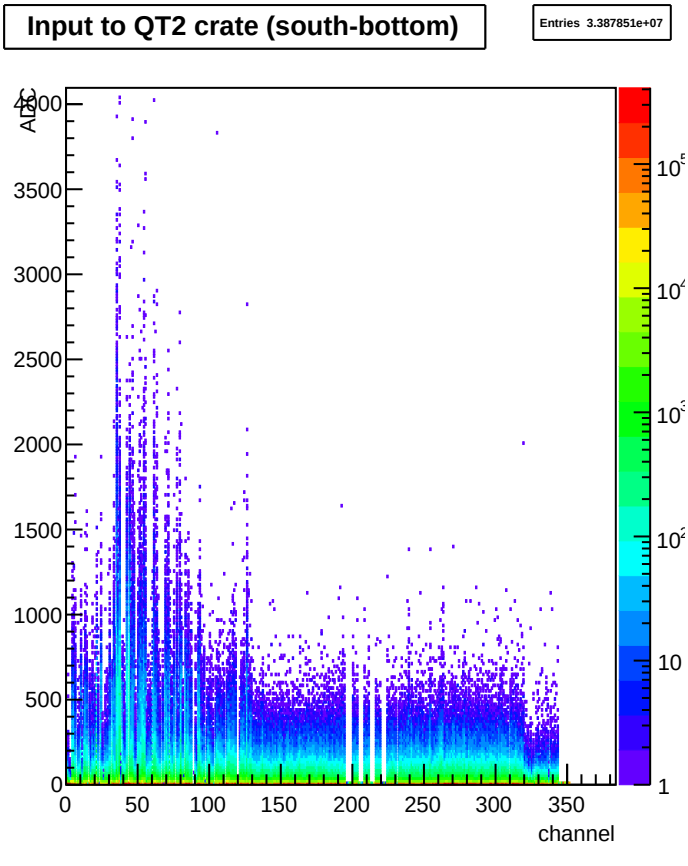

Entries 1995936
ZDC East ADC Sum Att
ZDC West ADC Sum Att

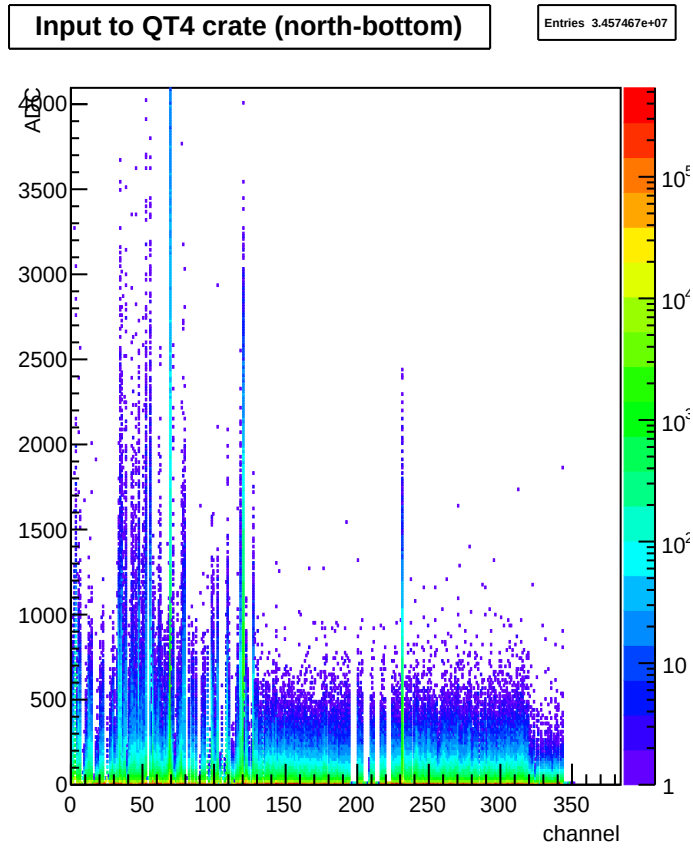

Entries 1995936
VPD East ADC Sum
VPD West ADC Sum

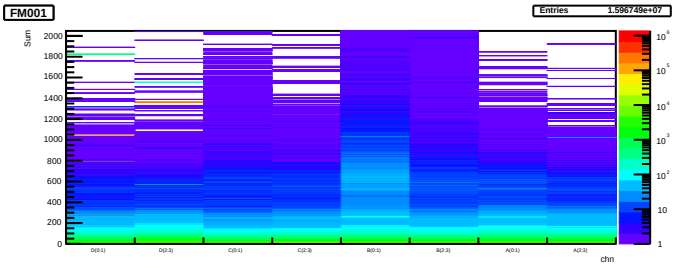

Entries 1995936
BBC-S TAC Diff
ZDC TAC Diff

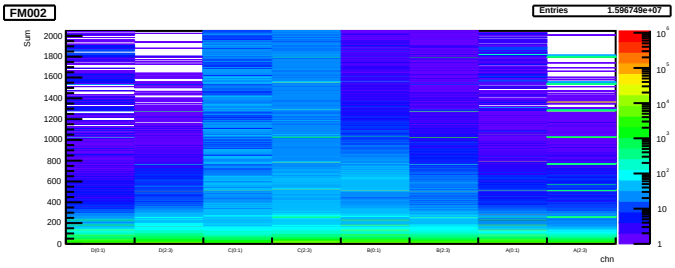

Input to QT1 crate (south-top)
Entries 4.12411e+07
ADC
channel

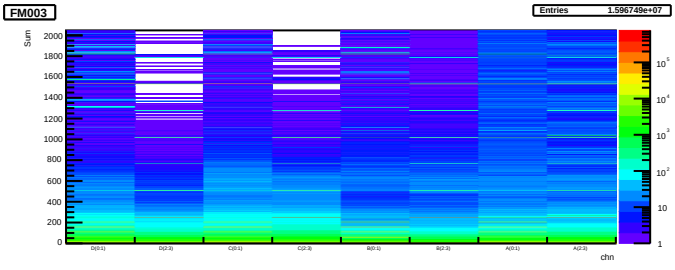

Input to QT3 crate (north-top)
Entries 3.946644e+07
ADC
channel

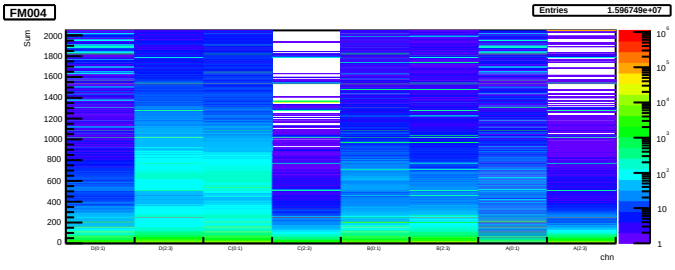

Input to QT2 crate (south-bottom)
Entries 3.387851e+07
ADC
channel

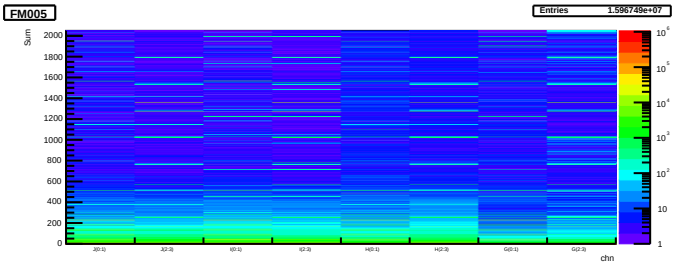

Input to QT4 crate (north-bottom)
Entries 3.457467e+07
ADC
channel

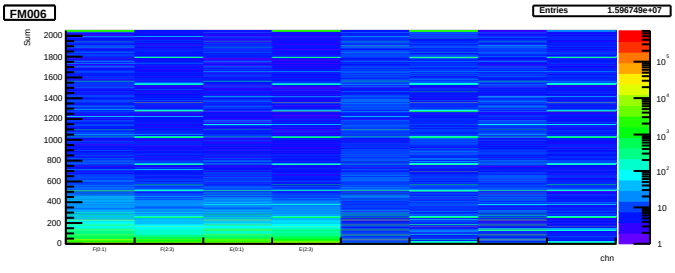

FM001
Entries 1.596749e+07
Sum
chn

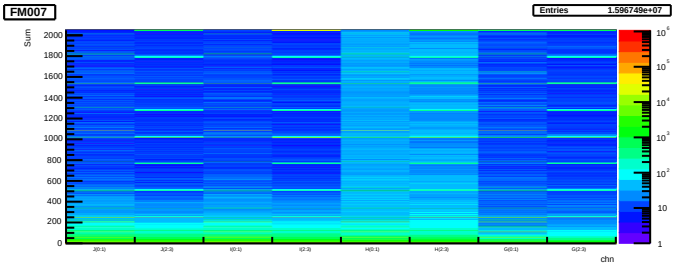

FM002
Entries 1.596749e+07
Sum
chn

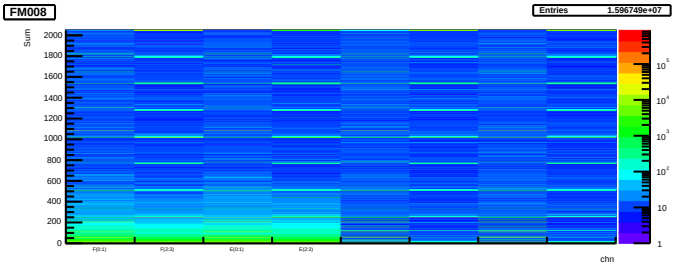

FM003
Entries 1.596749e+07
Sum
chn


FM004
Entries 1.596749e+07
Sum
chn


FM005
Entries 1.596749e+07
Sum
chn


FM006
Entries 1.596749e+07
Sum
chn


FM007
Entries 1.596749e+07
Sum
chn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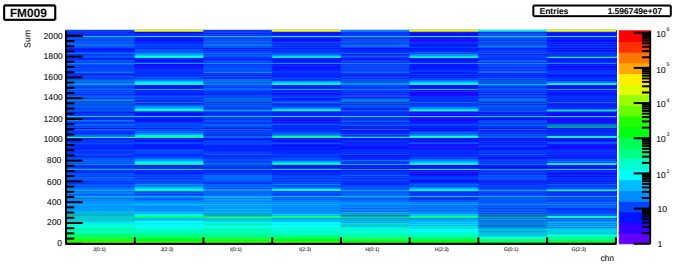
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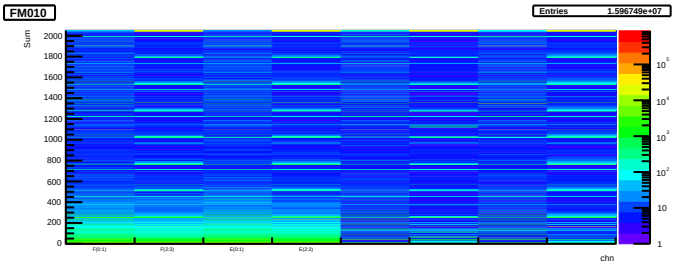
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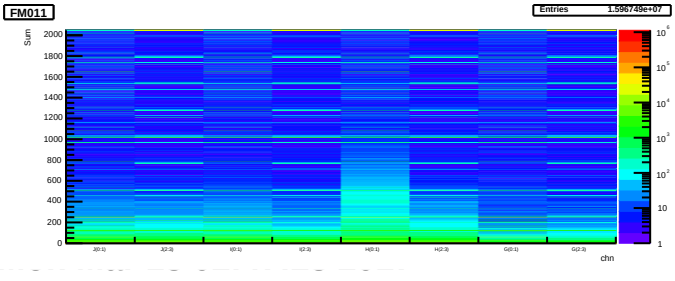
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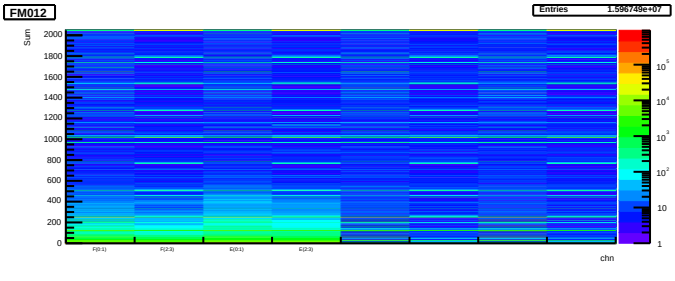
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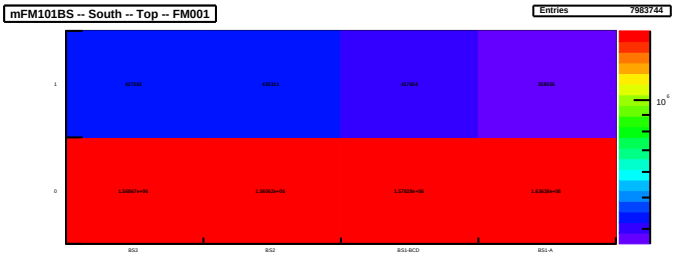
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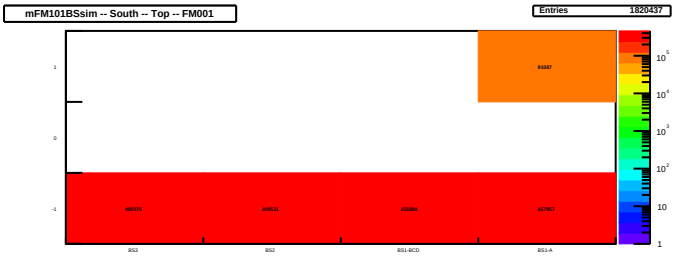
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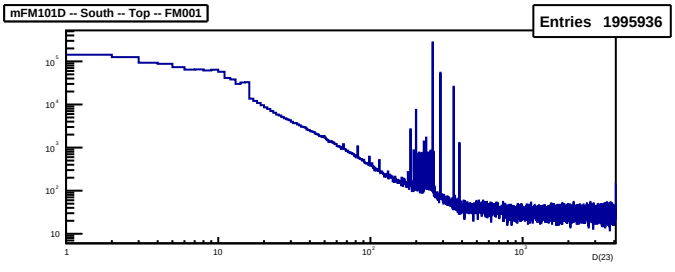
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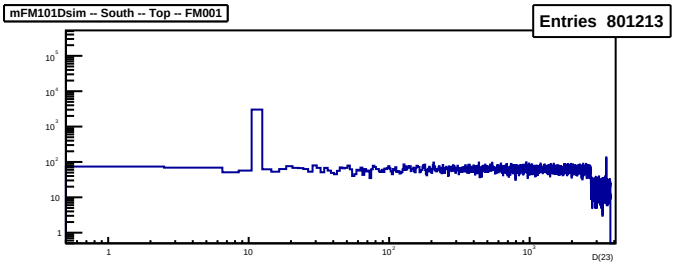
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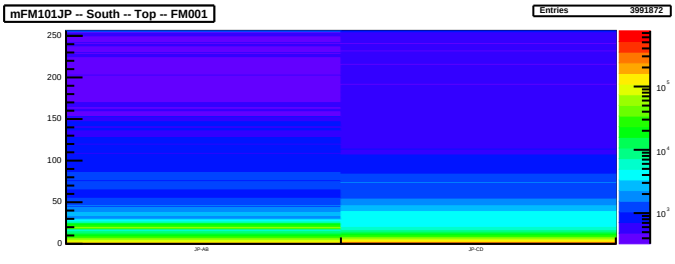
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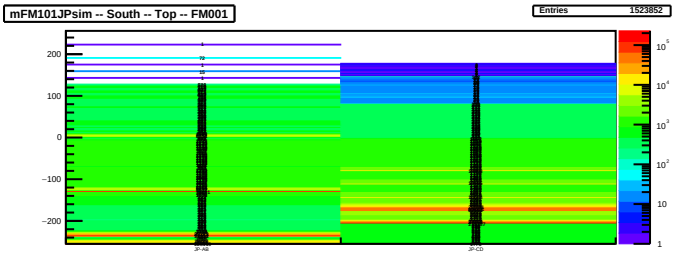
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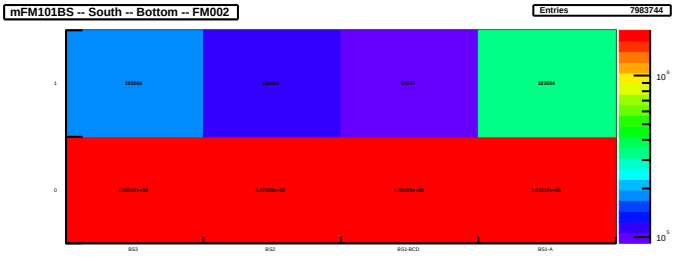
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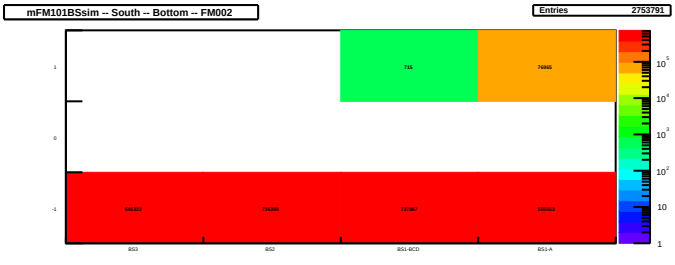
Entries 7983744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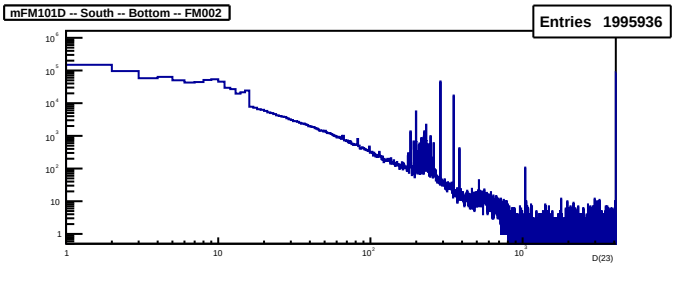
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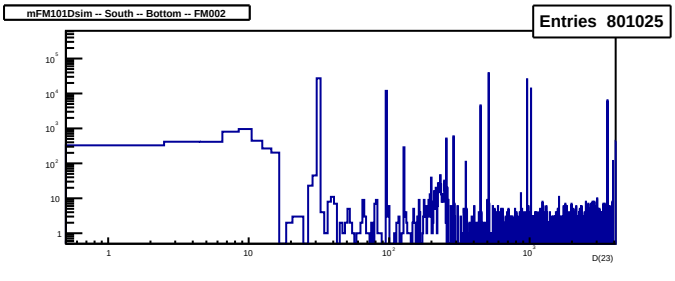
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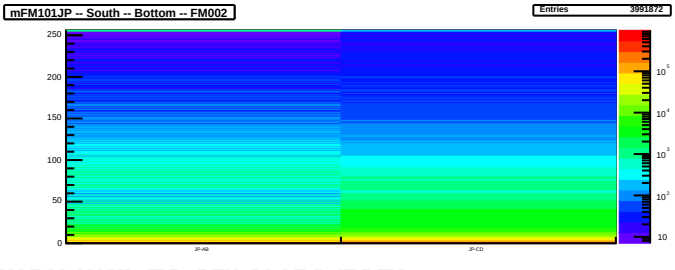
mFM101JP -- South -- Bottom -- FM002
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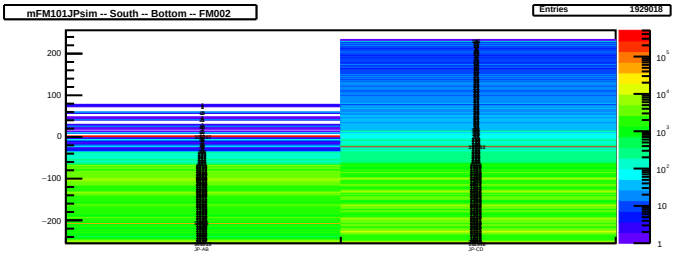
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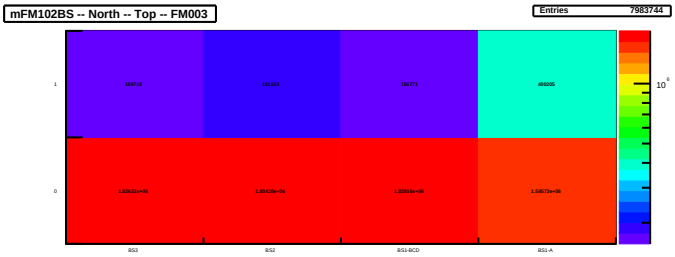
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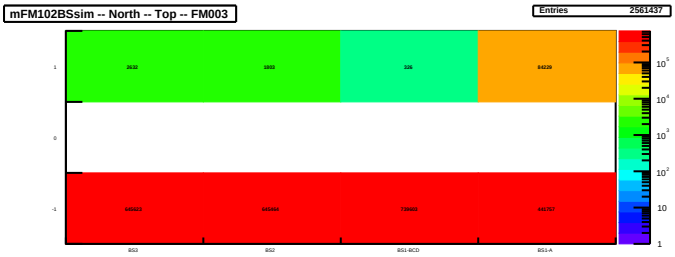
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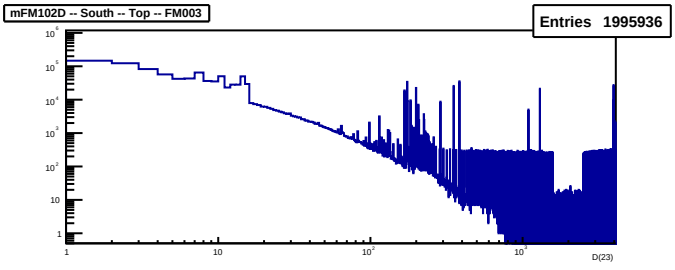
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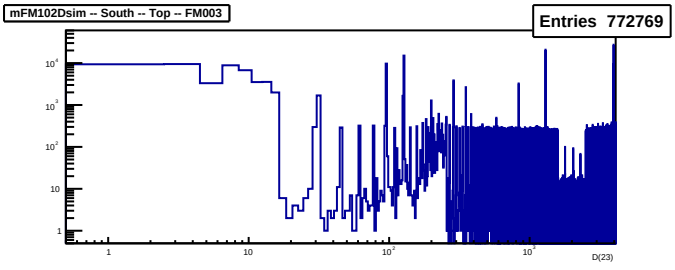
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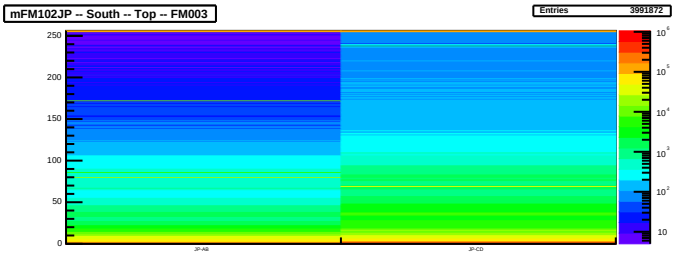
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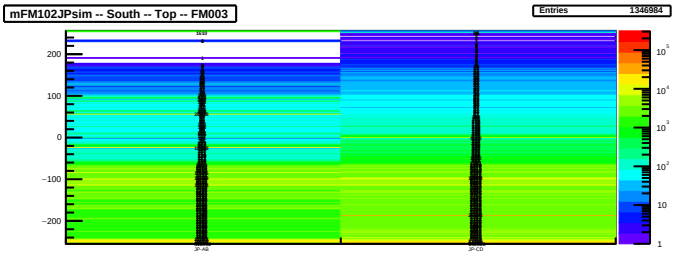
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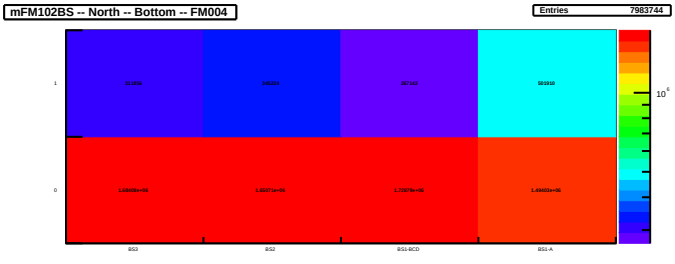
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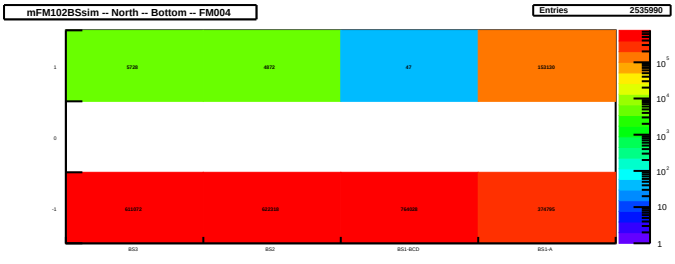
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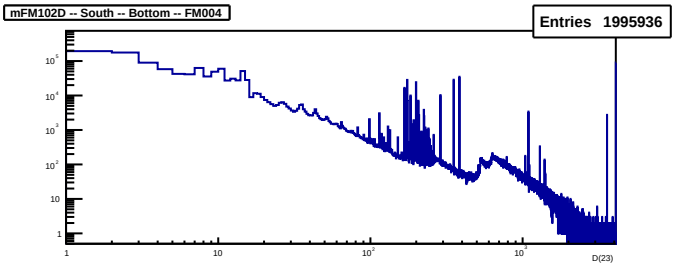
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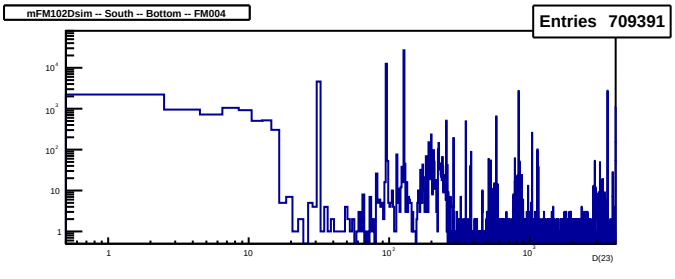
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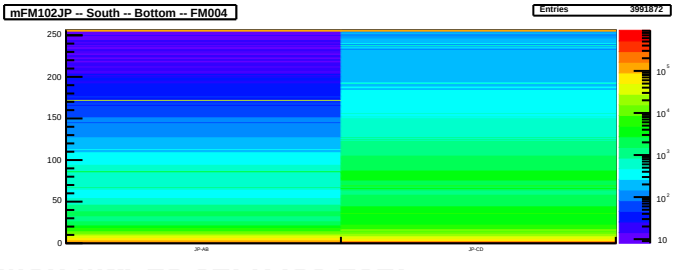
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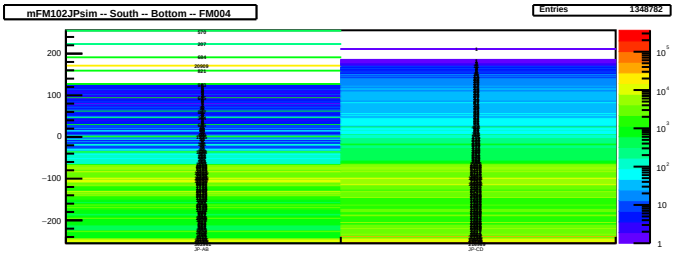
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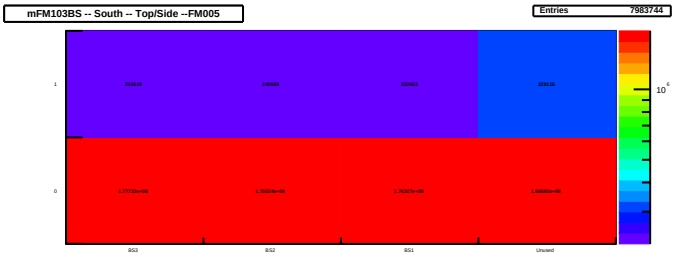
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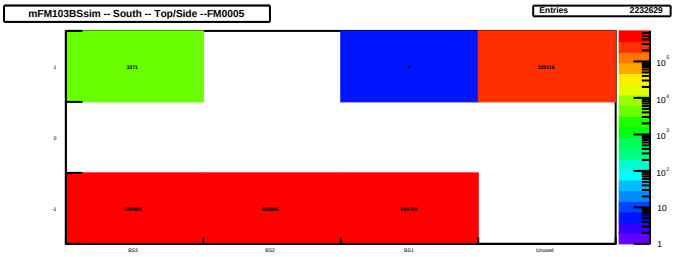
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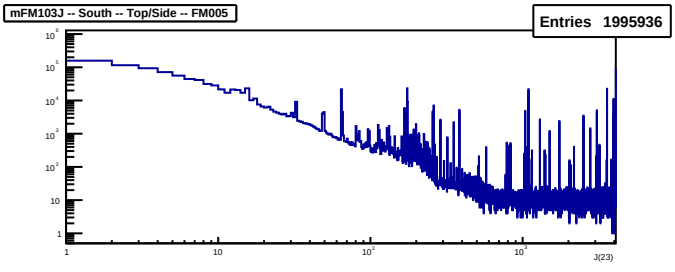
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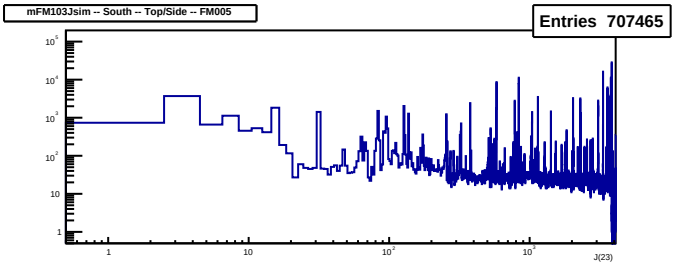
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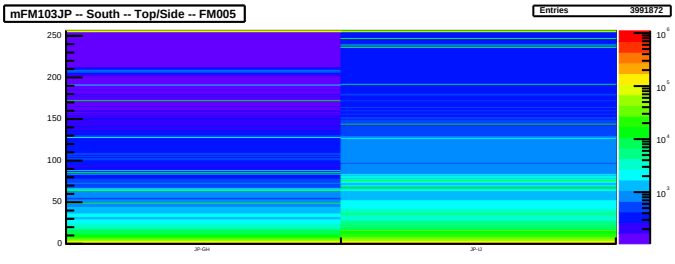
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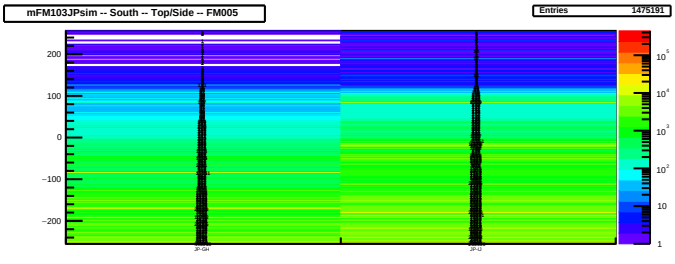
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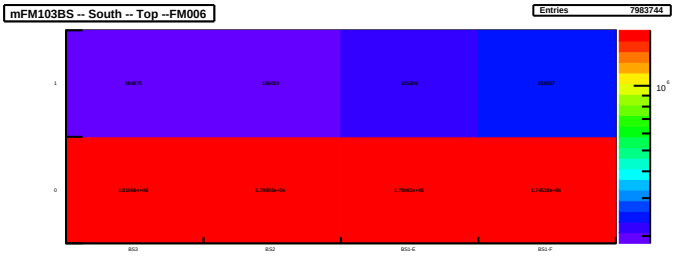
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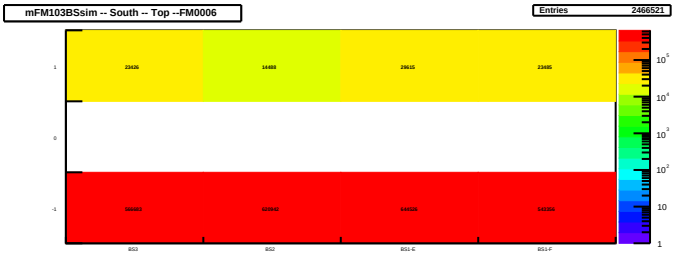
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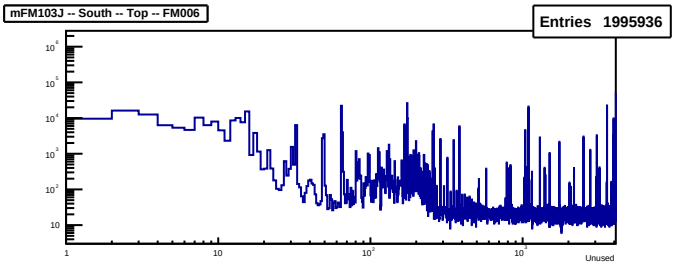
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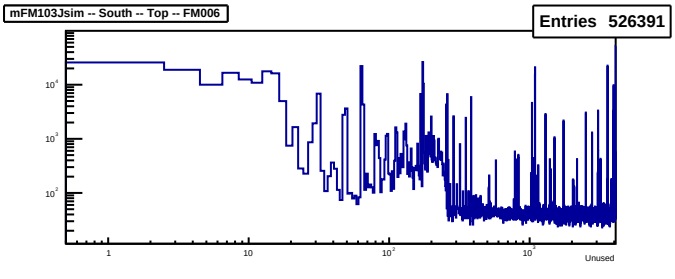
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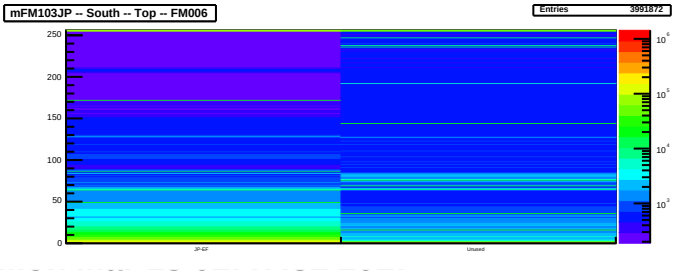
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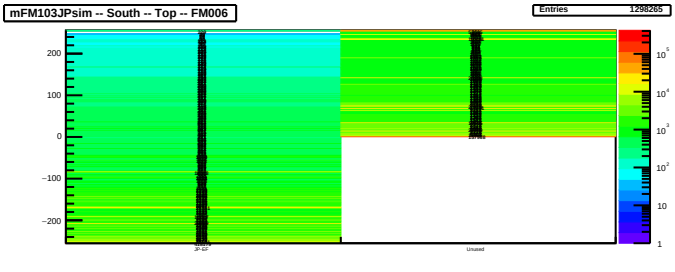
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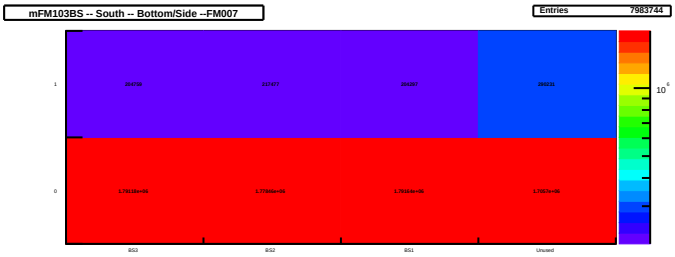
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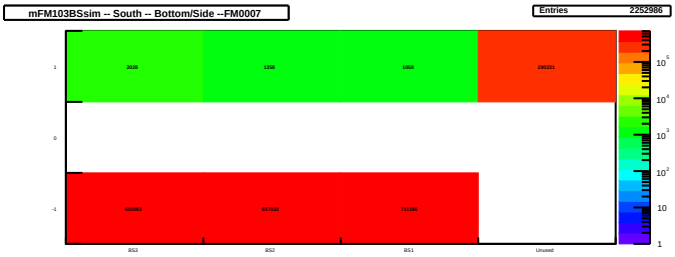
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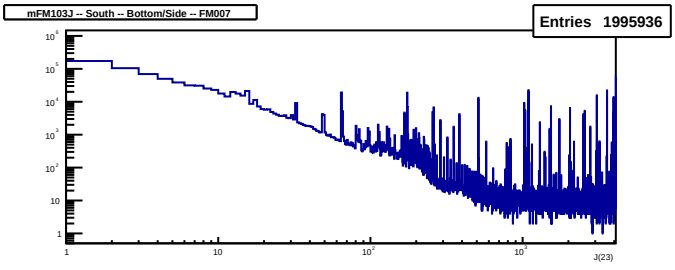
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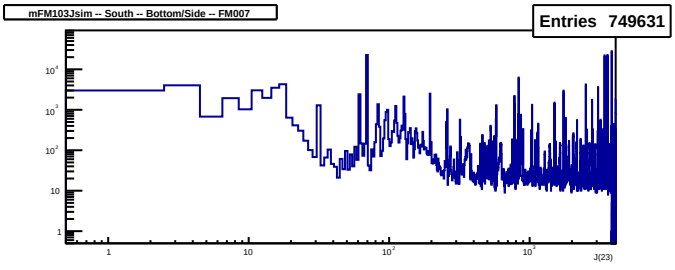
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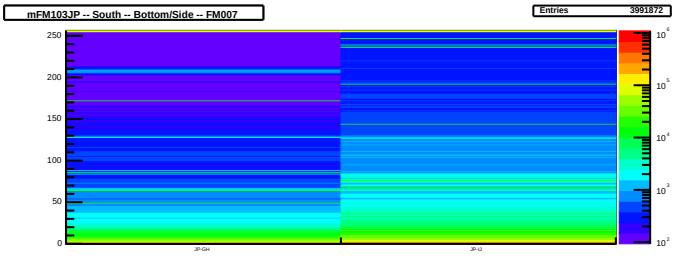
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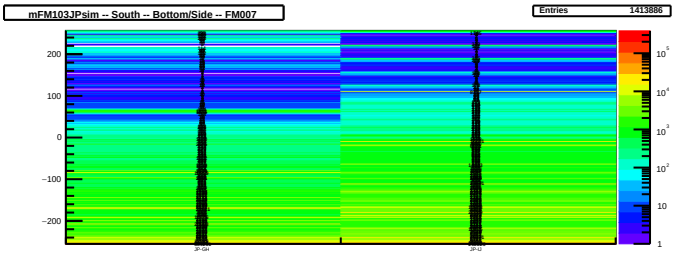
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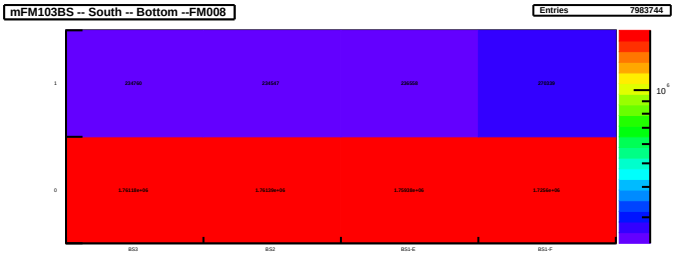
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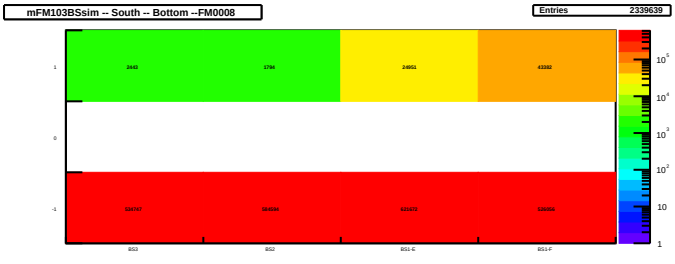
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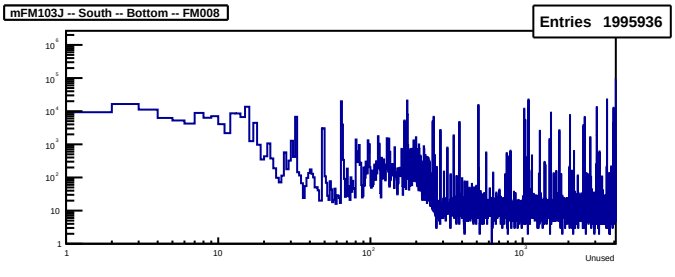
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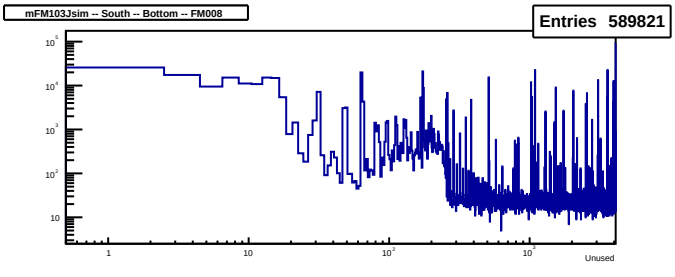
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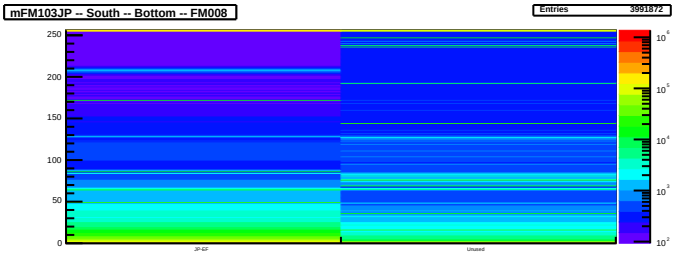
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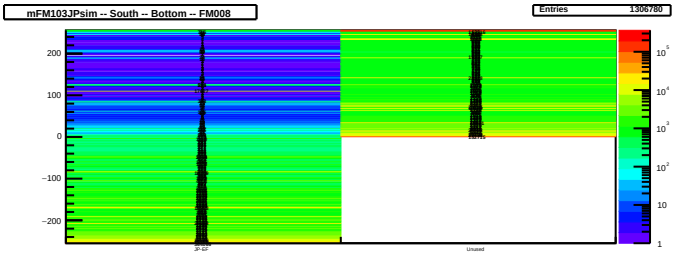
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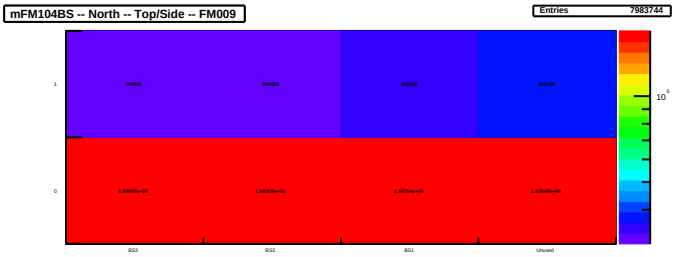
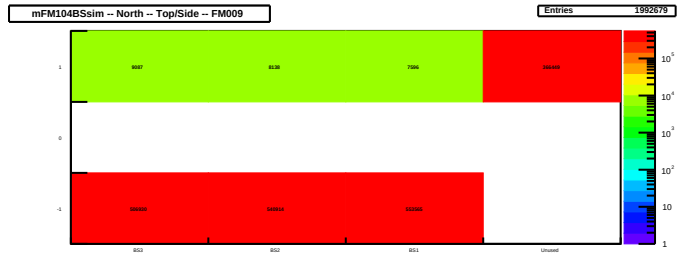
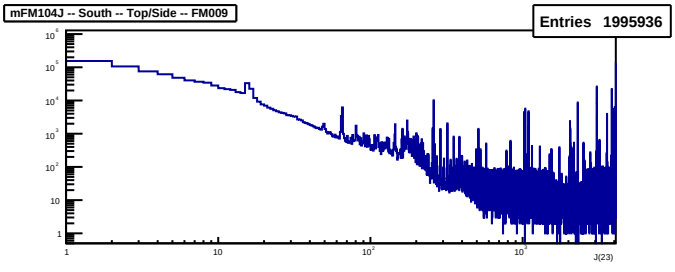
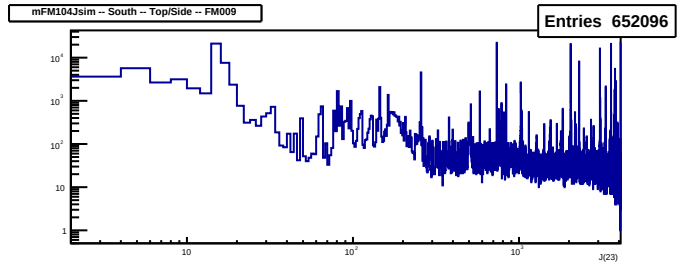

mFM104BS -- North -- Top/Side -- FM009
Entries 7983744


mFM104BSsim -- North -- Top/Side -- FM009
Entries 1992679


mFM104J -- South -- Top/Side -- FM009
Entries 1995936
J(23)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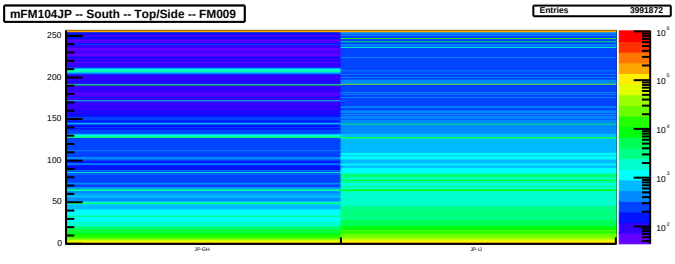
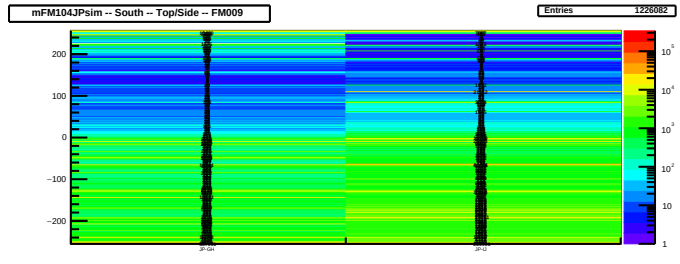
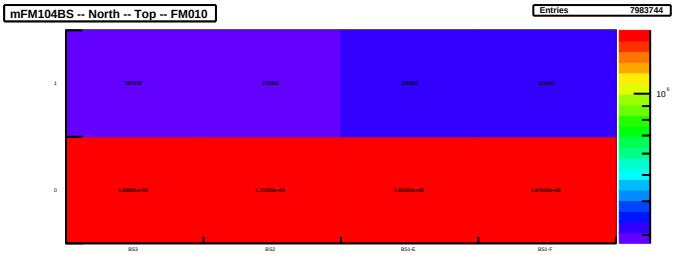
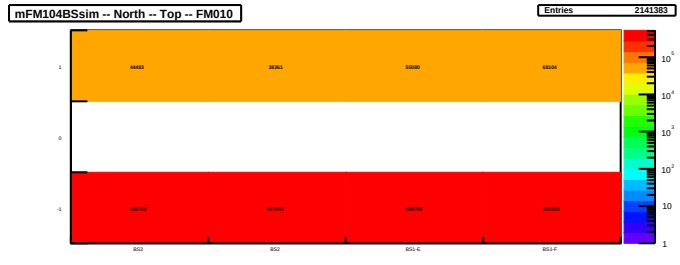
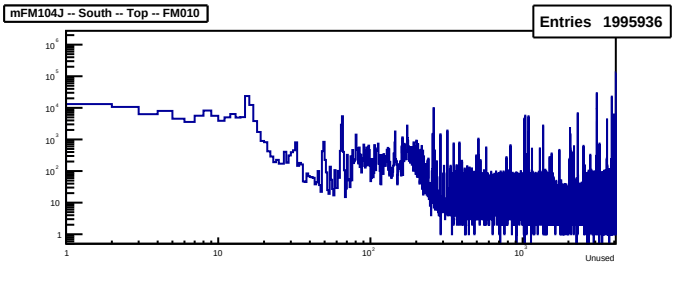
Entries 652096
J(23)

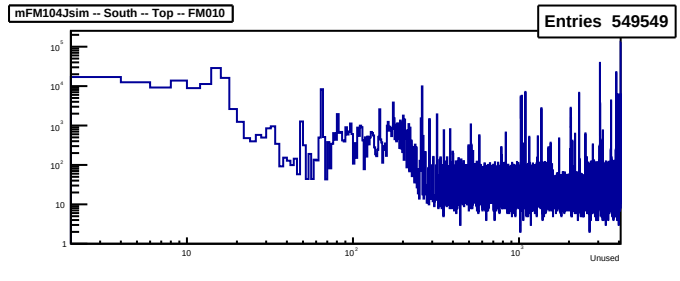

mFM104JP -- South -- Top/Side -- FM009
Entries 3991872

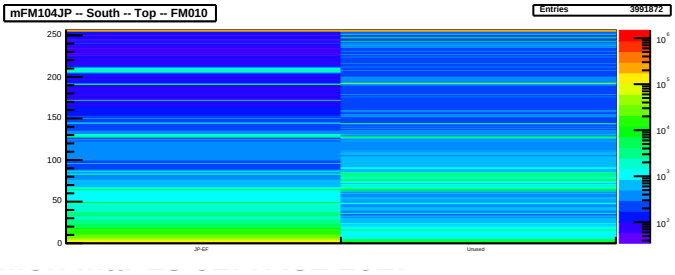

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1226082

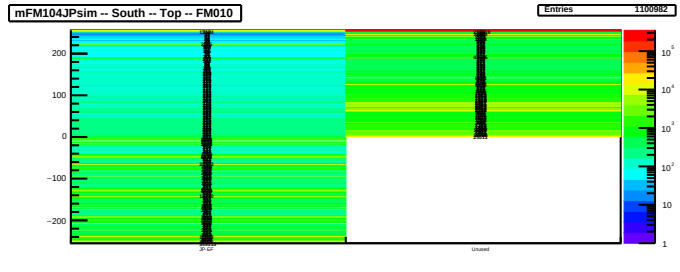

mFM104BS -- North -- Top -- FM010
Entries 7983744

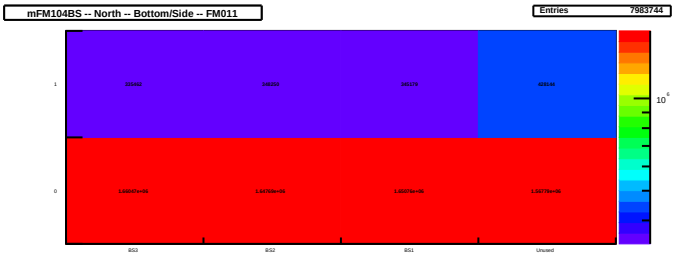

mFM104BSsim -- North -- Top -- FM010
Entries 2141383

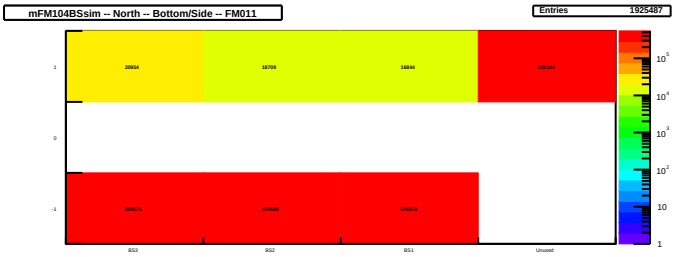

mFM104J -- South -- Top -- FM010
Entries 1995936
Unused

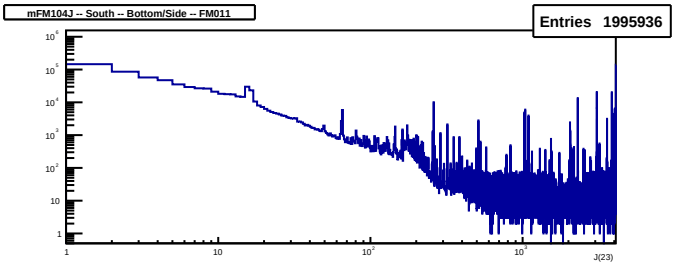

mFM104Jsim -- South -- Top -- FM010
Entries 549549
Unused

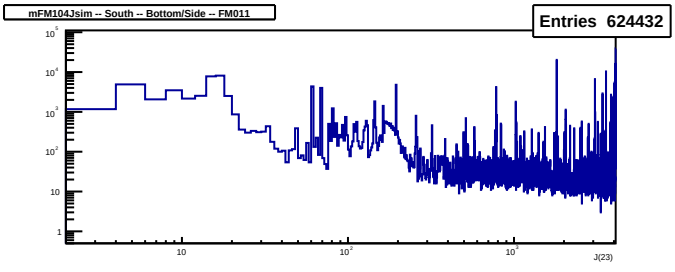

mFM104JP -- South -- Top -- FM010
Entries 3991872

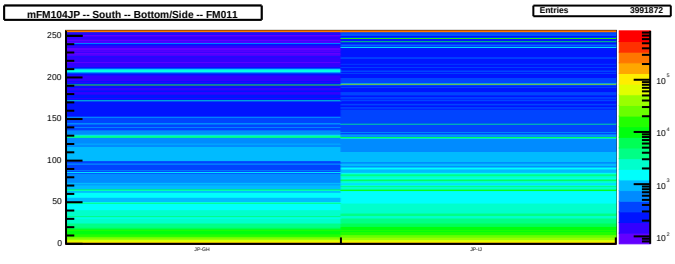

mFM104JPsim -- South -- Top -- FM010
Entries 1100982

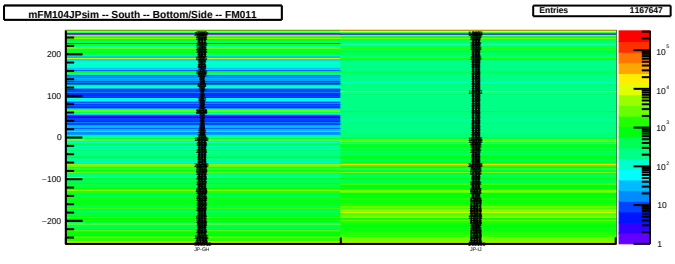

mFM104BS -- North -- Bottom/Side -- FM011
Entries 7983744

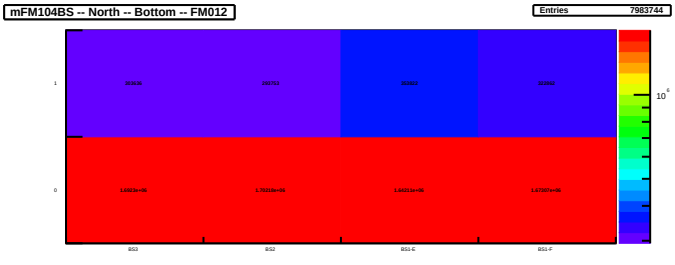

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1925487

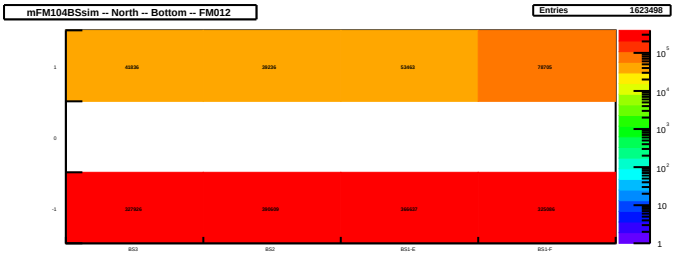

mFM104J -- South -- Bottom/Side -- FM011
Entries 1995936
J(23)

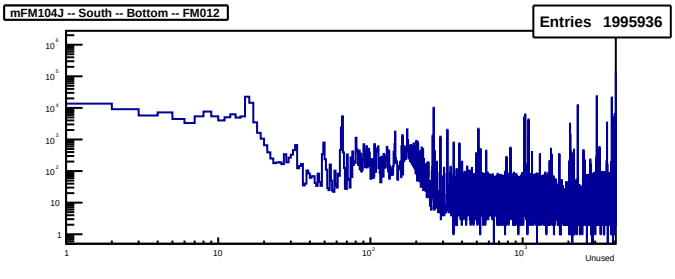

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 624432
J(23)

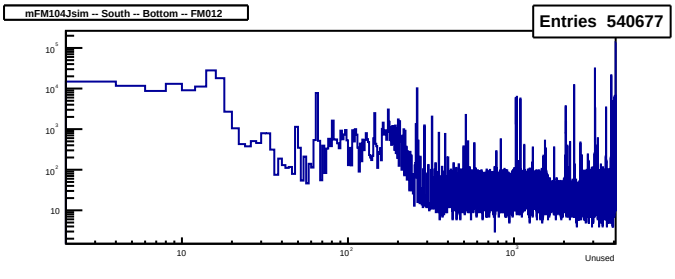

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3991872

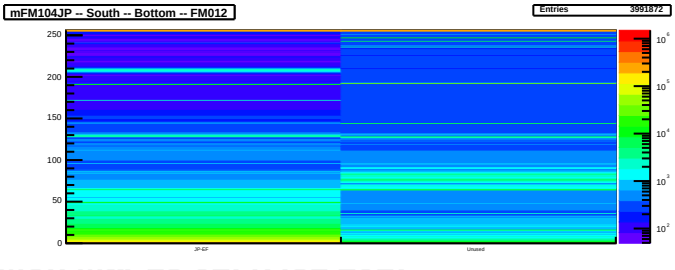

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1167647

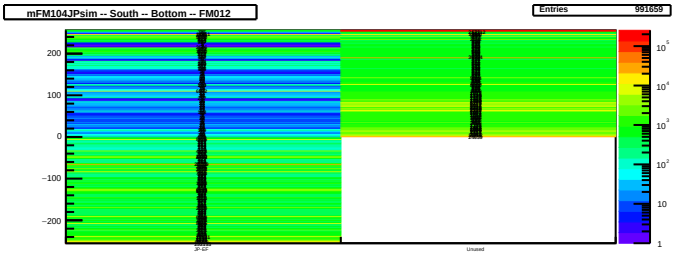

mFM104BS -- North -- Bottom -- FM012
Entries 7983744

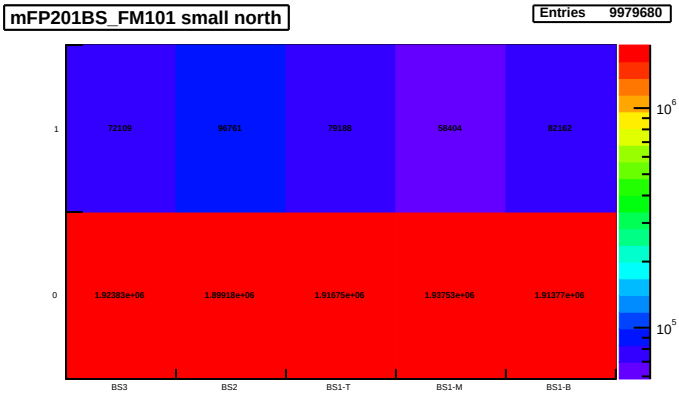

mFM104BSsim -- North -- Bottom -- FM012
Entries 1623498

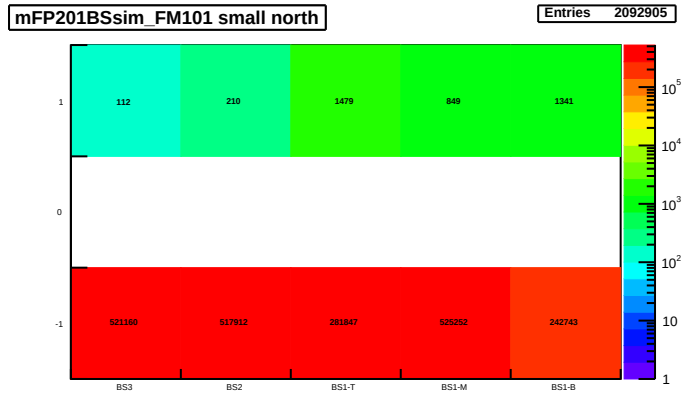

mFM104J -- South -- Bottom -- FM012
Entries 1995936
Unused

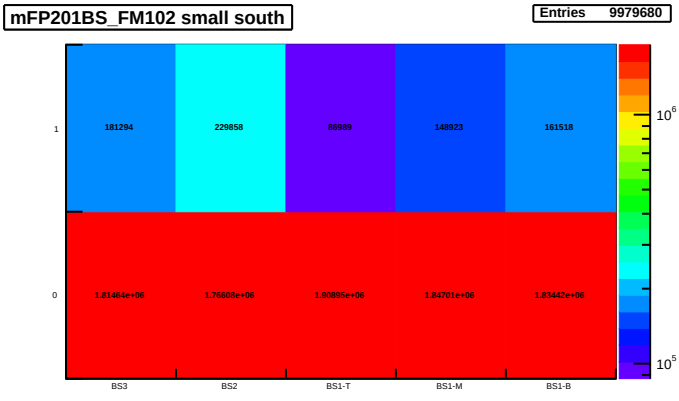

mFM104Jsim -- South -- Bottom -- FM012
Entries 540677
Unused

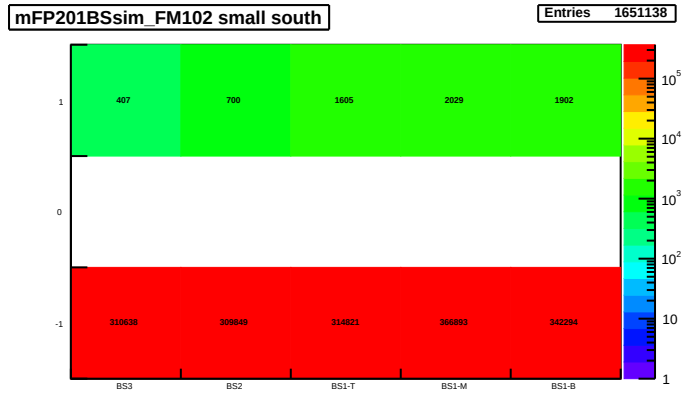

mFM104JP -- South -- Bottom -- FM012
Entries 3991872

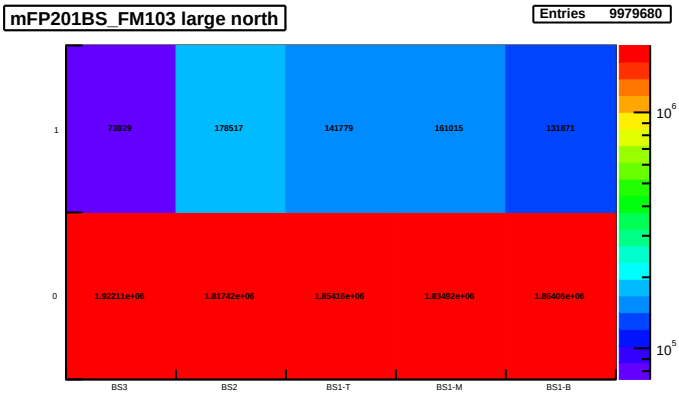

mFM104JPsim -- South -- Bottom -- FM012
Entries 991659

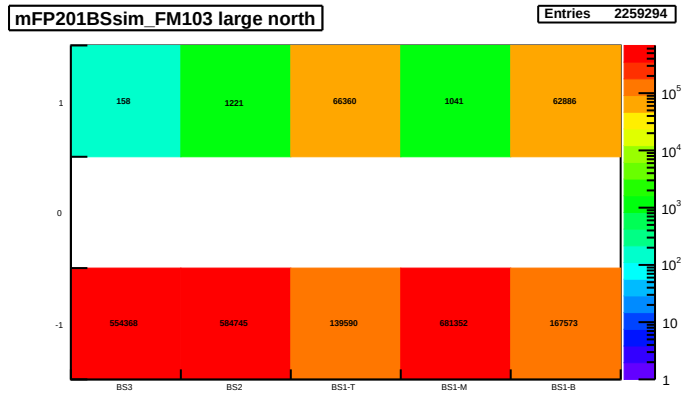

mFP201BS_FM101 small north
Entries 9979680
72109
96761
79188
58404
82162
1.92383e+06
1.89918e+06
1.91675e+06
1.93753e+06
1.91377e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

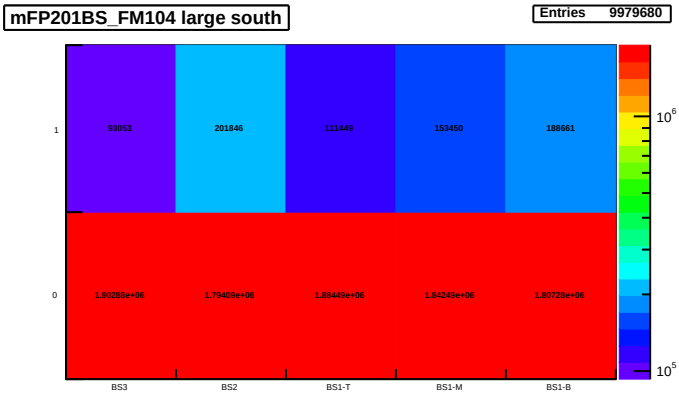

mFP201BSsim_FM101 small north
Entries 2092905
112
210
1479
849
1341
521160
517912
281847
525252
242743
BS3
BS2
BS1-T
BS1-M
BS1-B

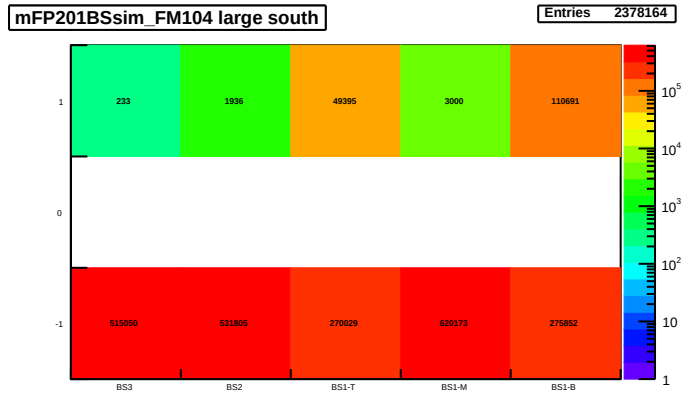

mFP201BS_FM102 small south
Entries 9979680
181294
229858
86989
148923
161518
1.81464e+06
1.76608e+06
1.90895e+06
1.84701e+06
1.83442e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

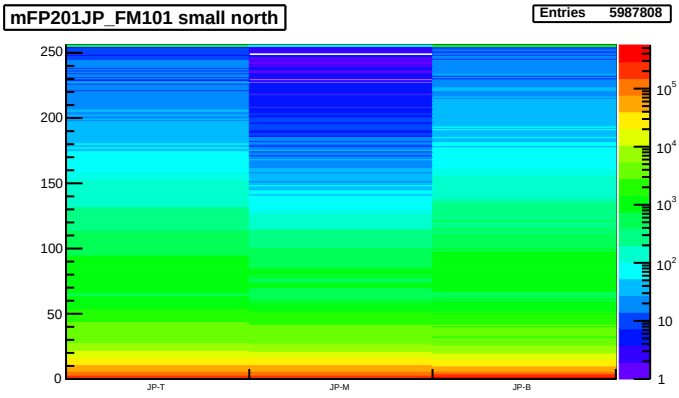

mFP201BSsim_FM102 small south
Entries 1651138
407
700
1605
2029
1902
310638
309849
314821
366893
342294
BS3
BS2
BS1-T
BS1-M
BS1-B

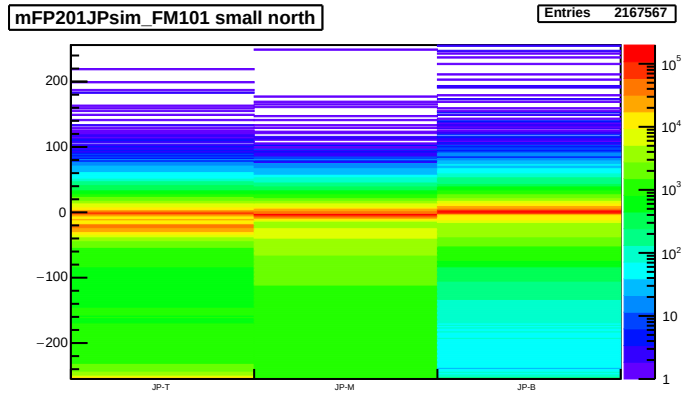

mFP201BS_FM103 large north
Entries 9979680
73829
178517
141779
161015
131871
1.92211e+06
1.81742e+06
1.85416e+06
1.83492e+06
1.86406e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

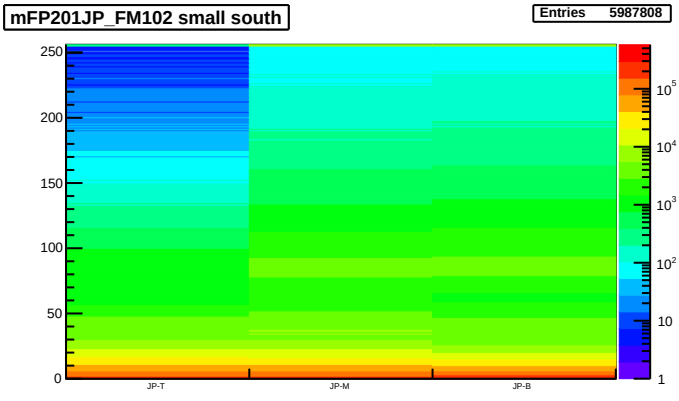

mFP201BSsim_FM103 large north
Entries 2259294
158
1221
66360
1041
62886
554368
584745
139590
681352
167573
BS3
BS2
BS1-T
BS1-M
BS1-B

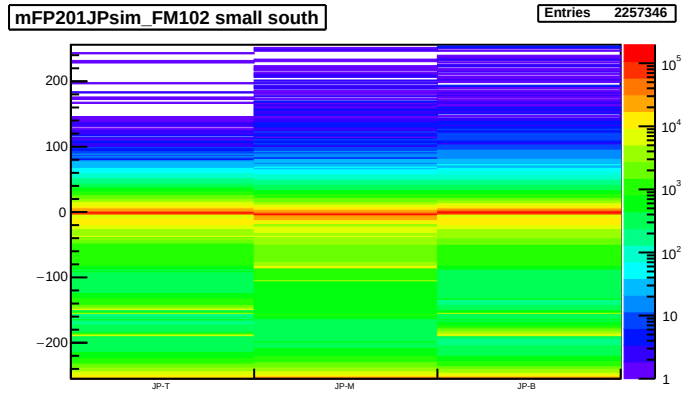

mFP201BS_FM104 large south
Entries 9979680
93053
201846
111449
153450
188661
1.90288e+06
1.79409e+06
1.88449e+06
1.84249e+06
1.80728e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

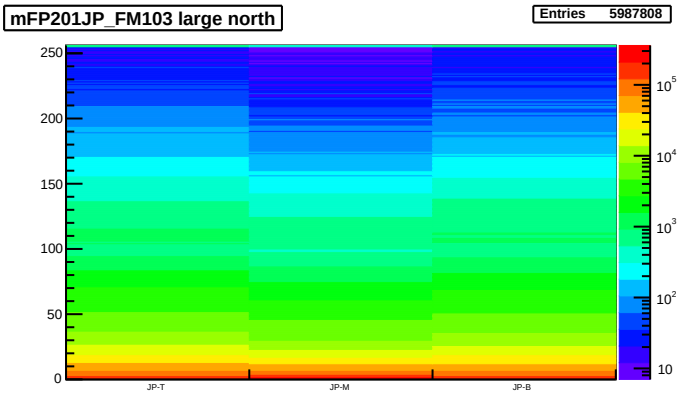

mFP201BSsim_FM104 large south
Entries 2378164
233
1936
49395
3000
110691
515050
531805
270029
620173
275852
BS3
BS2
BS1-T
BS1-M
BS1-B

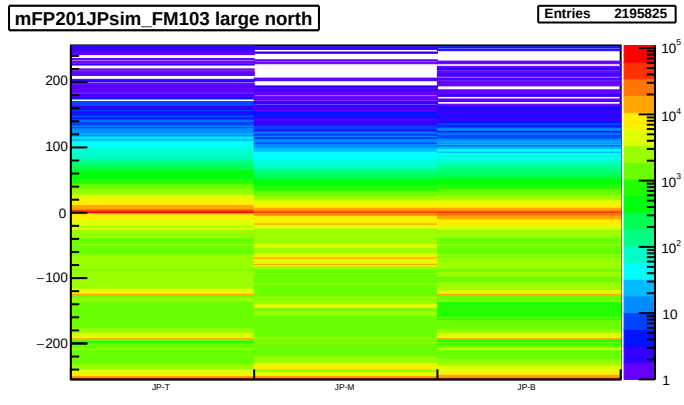

mFP201JP_FM101 small north
Entries 5987808
JP-T
JP-M
JP-B

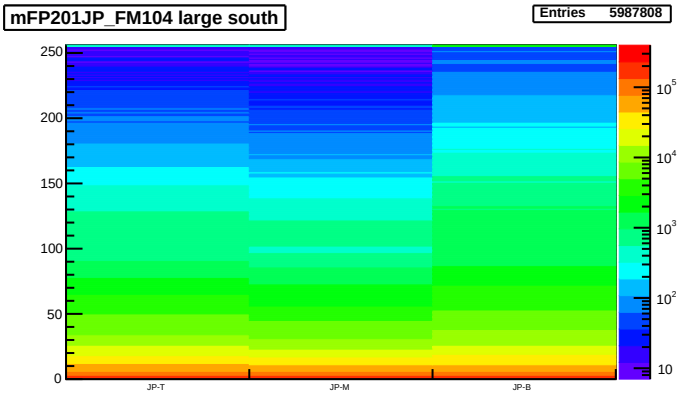

mFP201JPsim_FM101 small north
Entries 2167567
JP-T
JP-M
JP-B

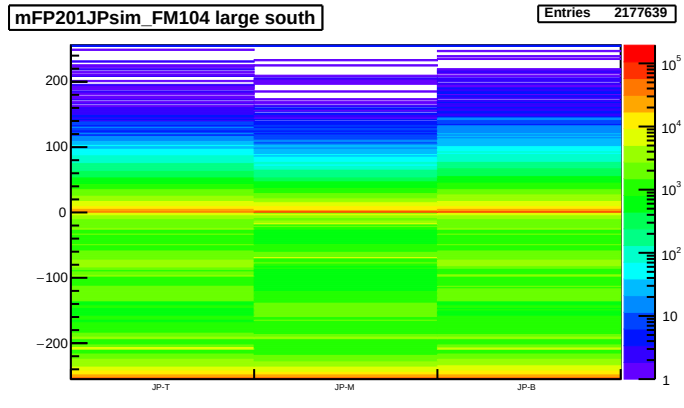

mFP201JP_FM102 small south
Entries 5987808
JP-T
JP-M
JP-B

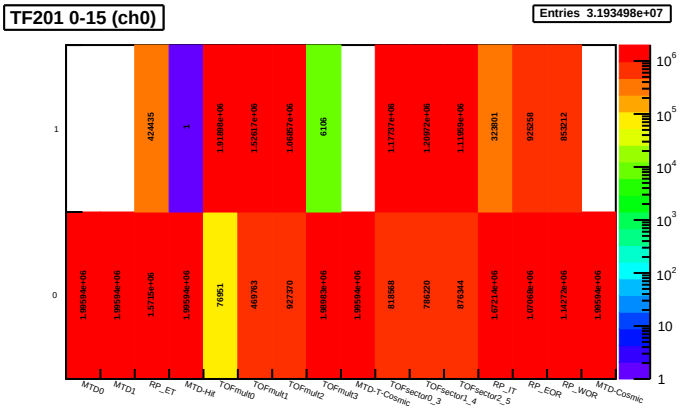

mFP201JPsim_FM102 small south
Entries 2257346
JP-T
JP-M
JP-B

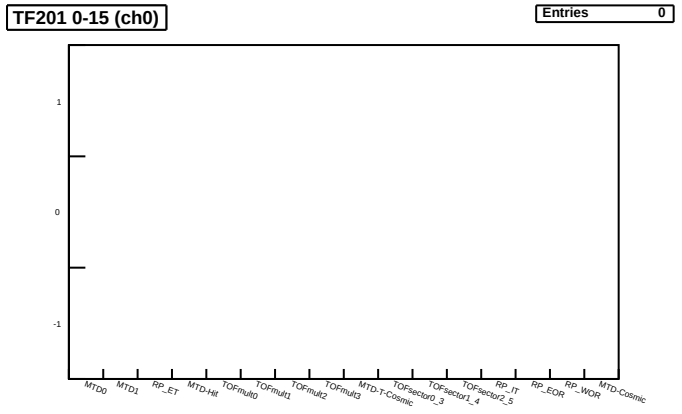

mFP201JP_FM103 large north
Entries 5987808
JP-T
JP-M
JP-B

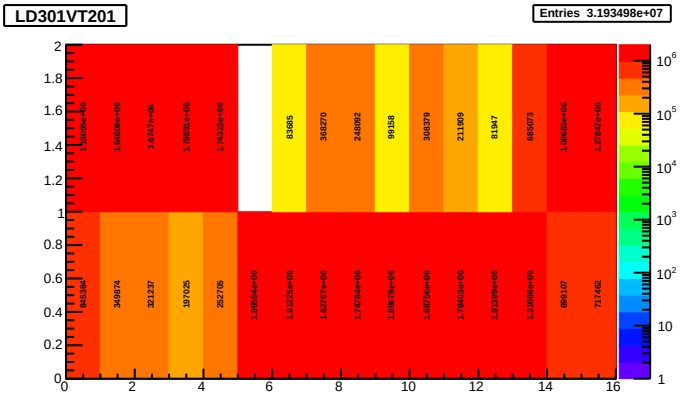

mFP201JPsim_FM103 large north
Entries 2195825
JP-T
JP-M
JP-B

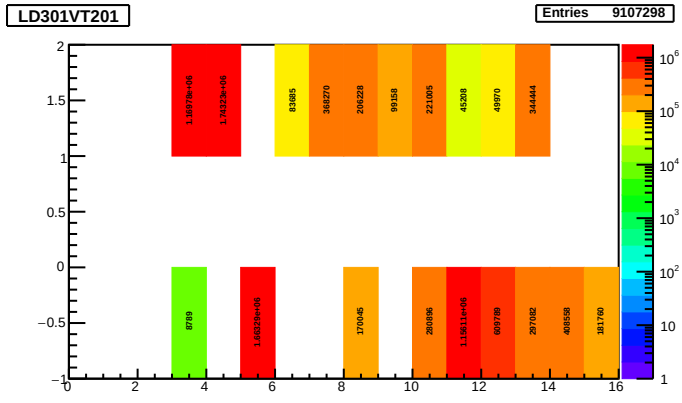

mFP201JP_FM104 large south
Entries 5987808
JP-T
JP-M
JP-B

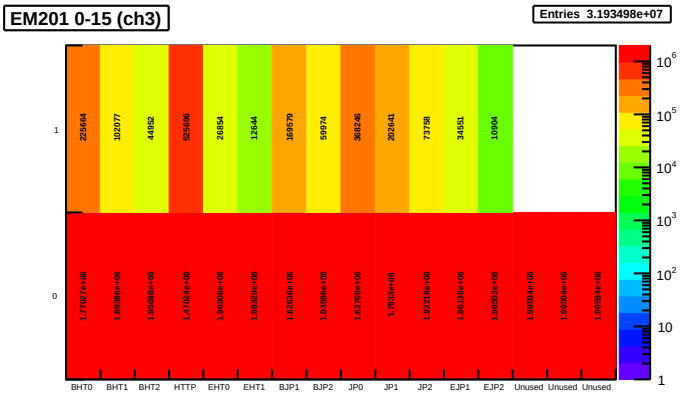

mFP201JPsim_FM104 large south
Entries 2177639
JP-T
JP-M
JP-B

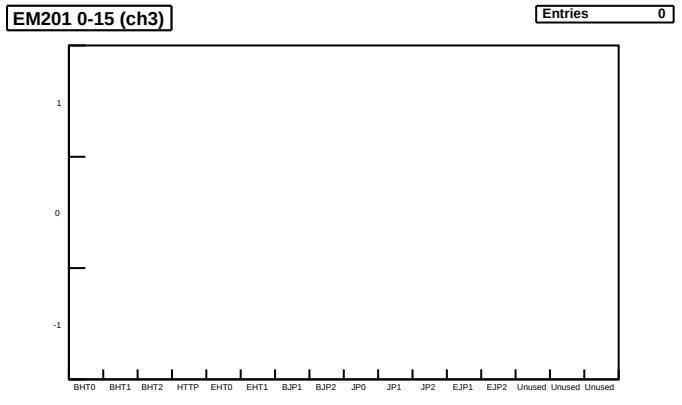

TF201 0-15 (ch0)
Entries 3.193498e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

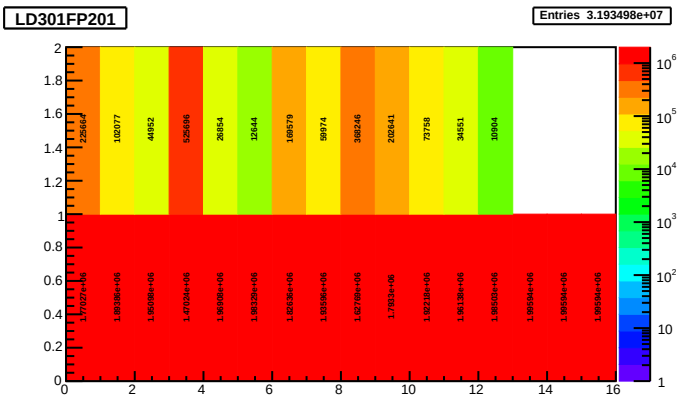

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

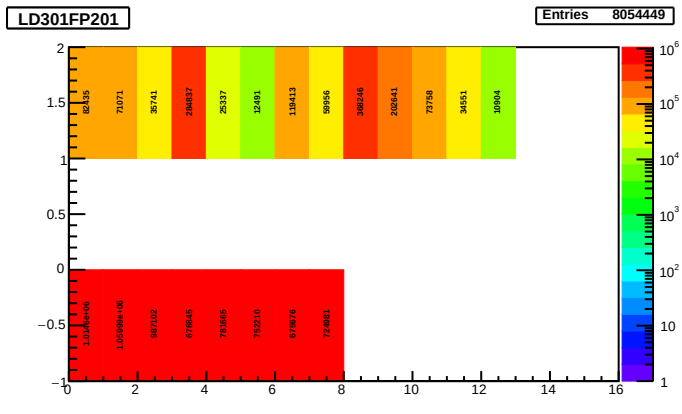

LD301VT201
Entries 3.193498e+07


LD301VT201
Entries 9107298


EM201 0-15 (ch3)
Entries 3.193498e+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 3.193498e+07


LD301FP201
Entries 8054449