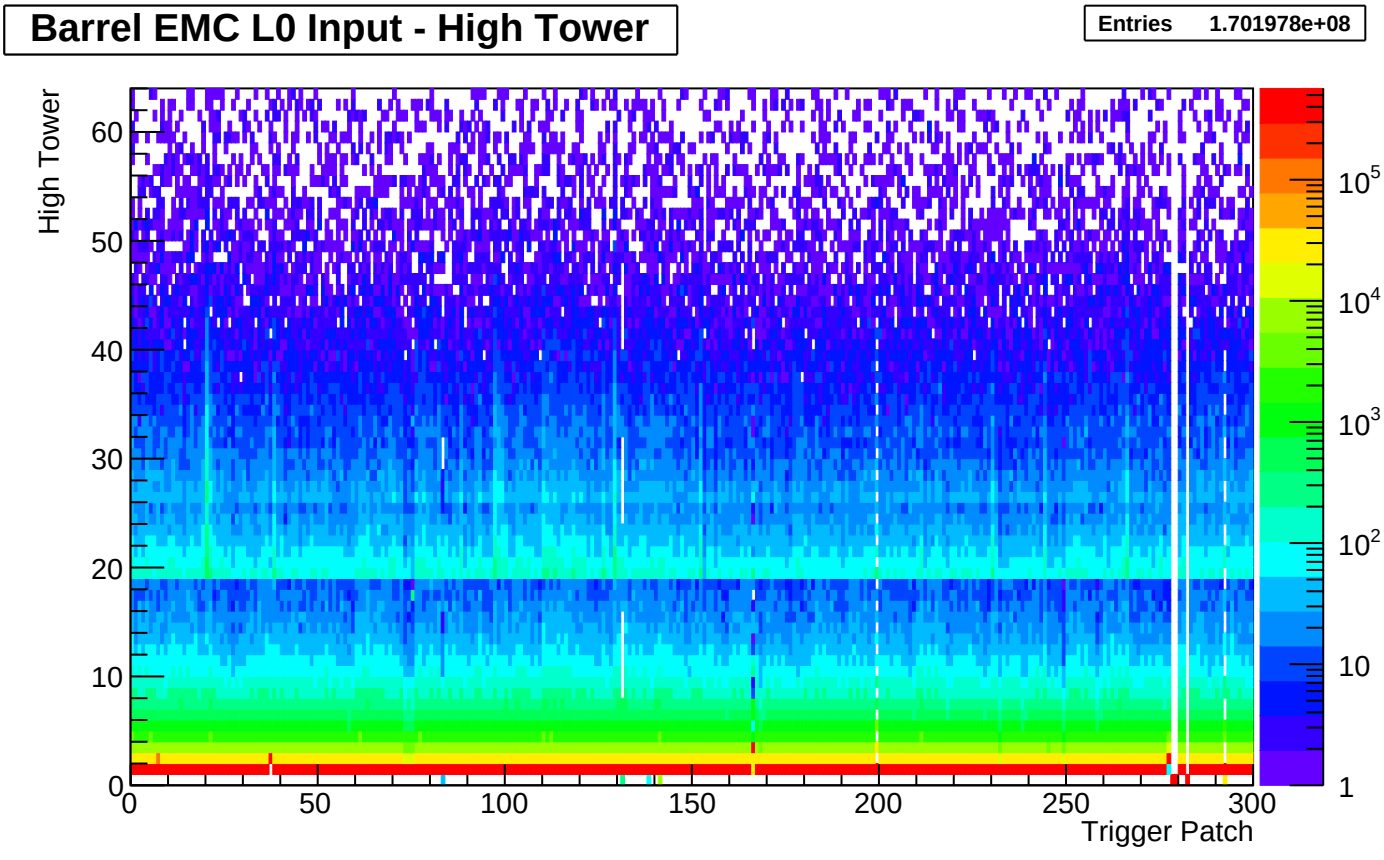
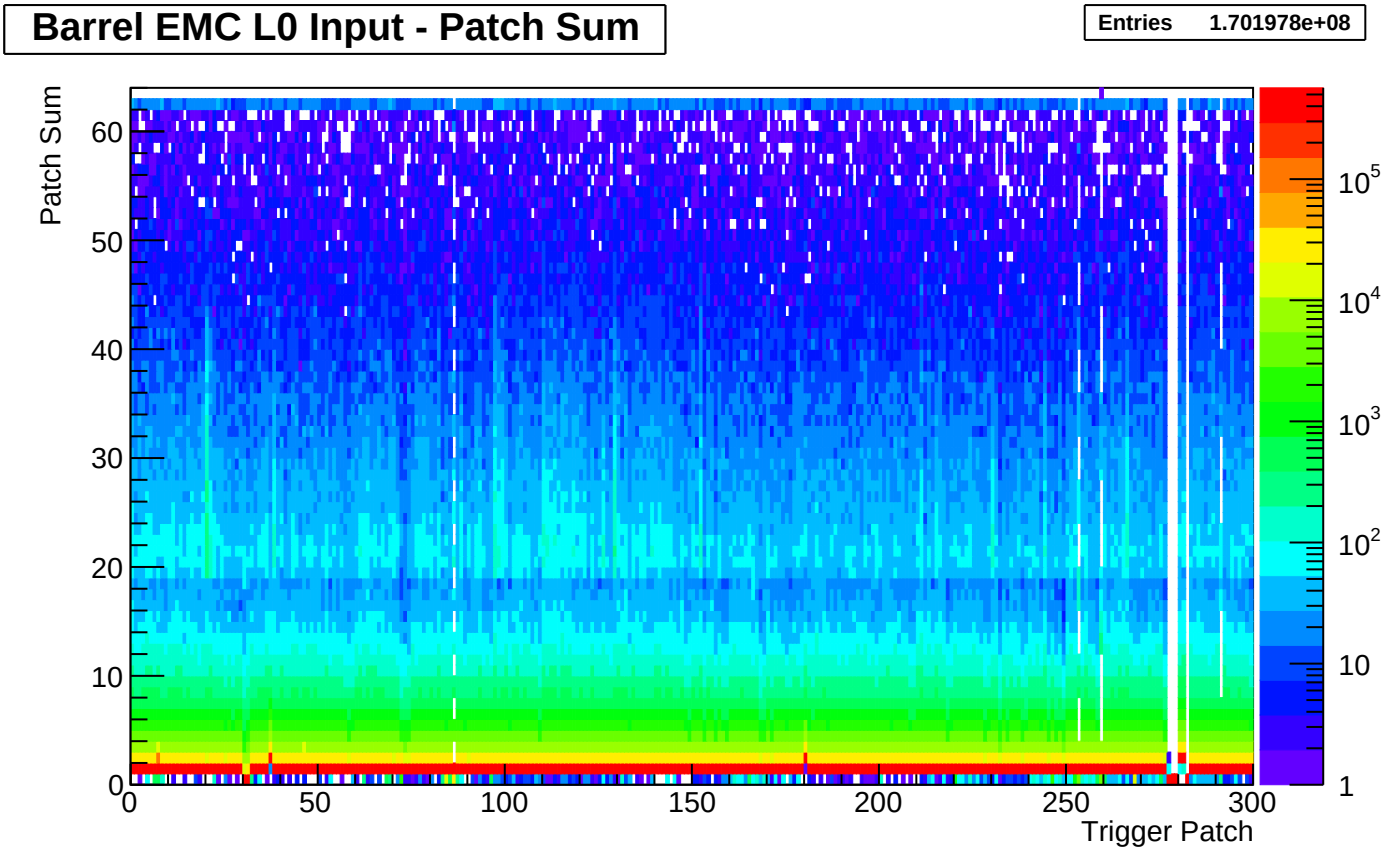
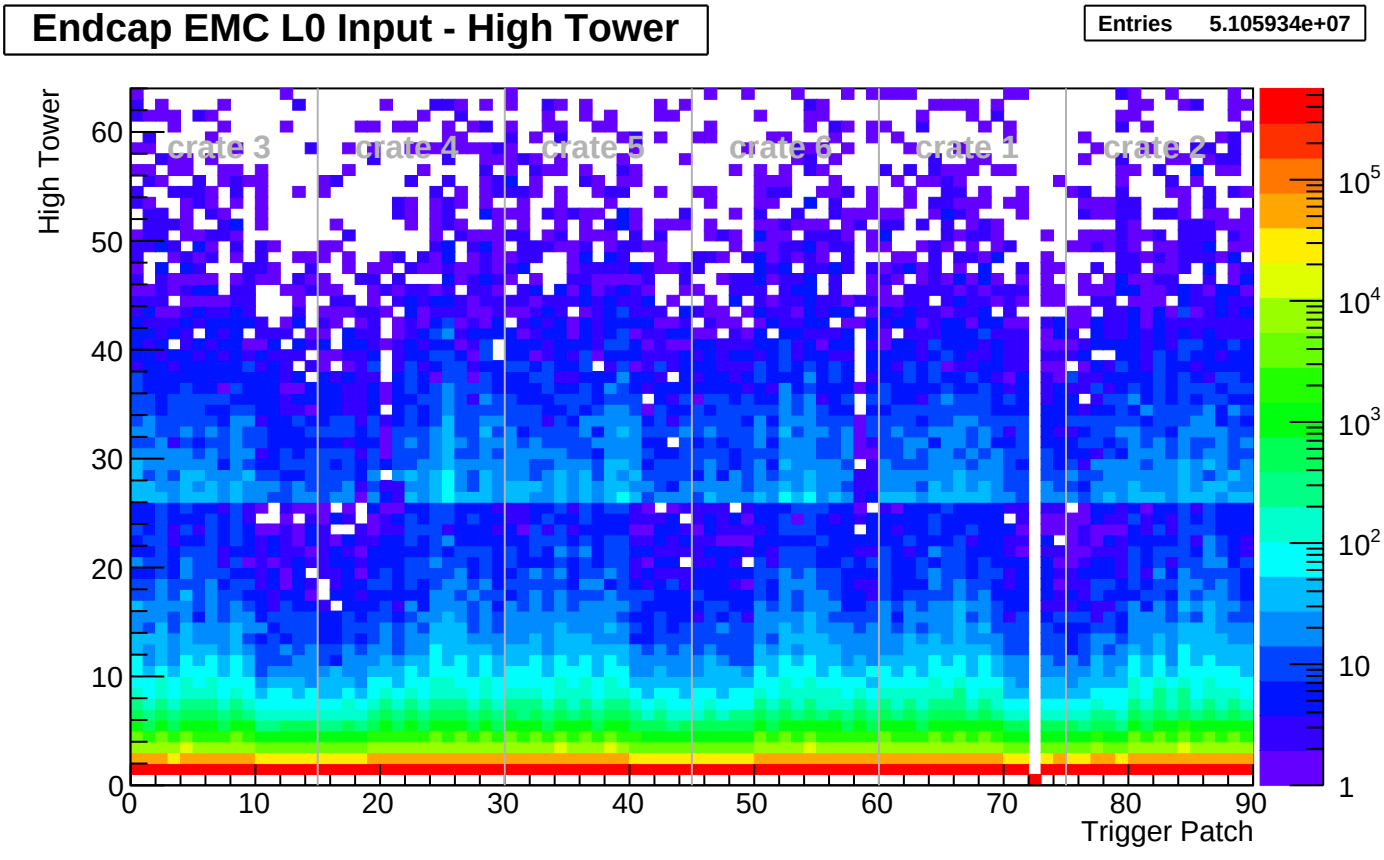
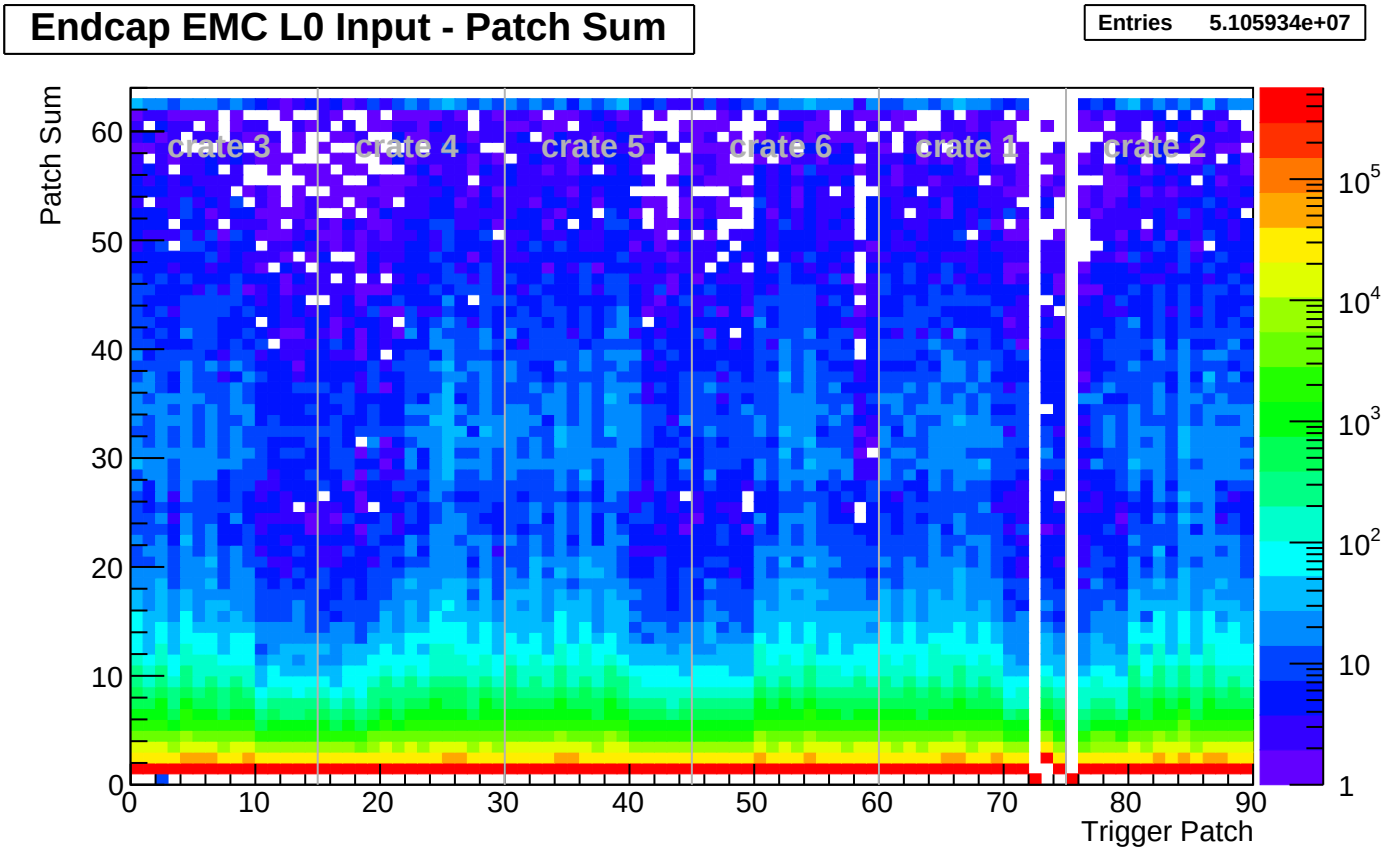
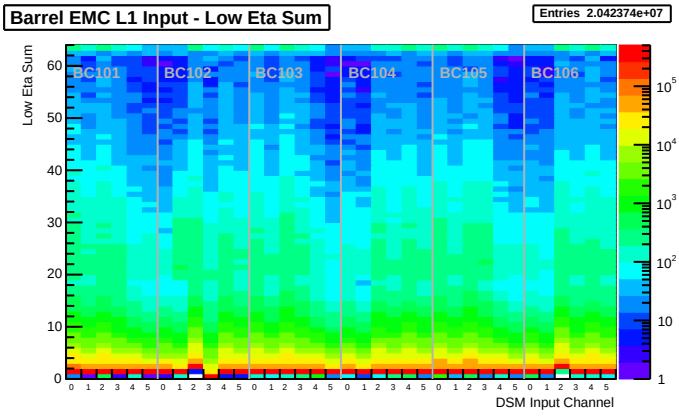
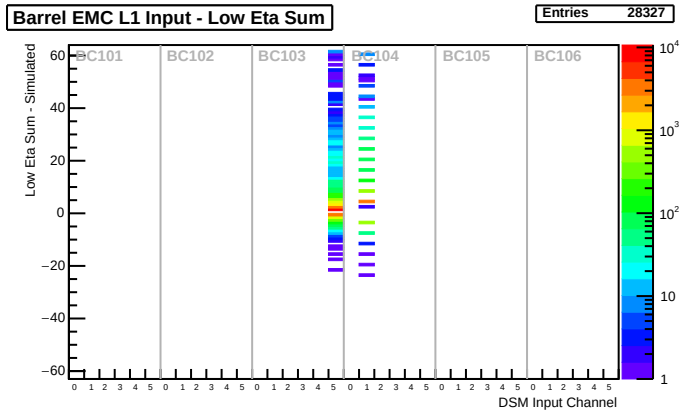

Barrel EMC L0 Input - High Tower
Entries 1.701978e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

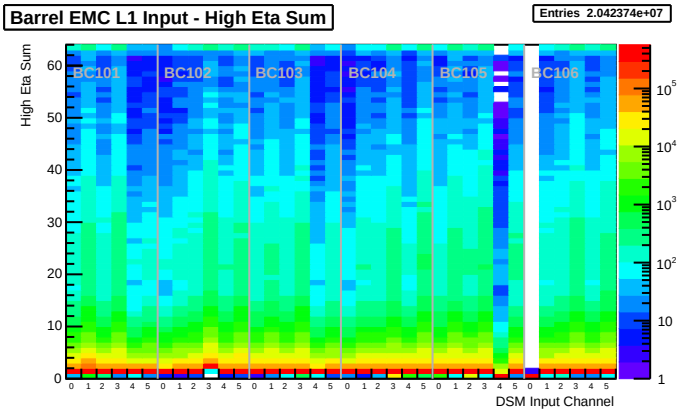

Barrel EMC L0 Input - Patch Sum
Entries 1.701978e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

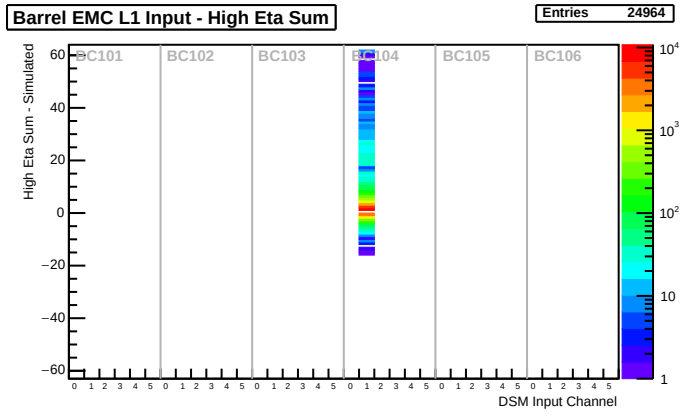

Endcap EMC L0 Input - High Tower
Entries 5.105934e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

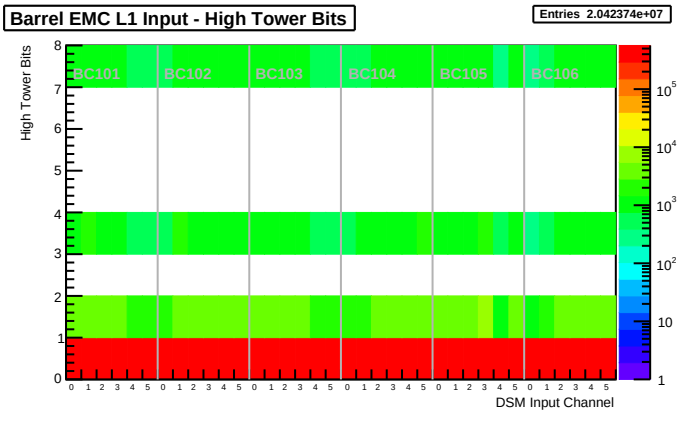

Endcap EMC L0 Input - Patch Sum
Entries 5.105934e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

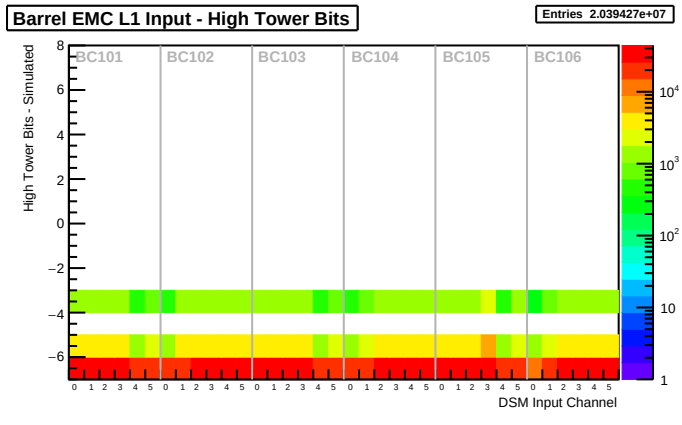

Barrel EMC L1 Input - Low Eta Sum
Entries 2.042374e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

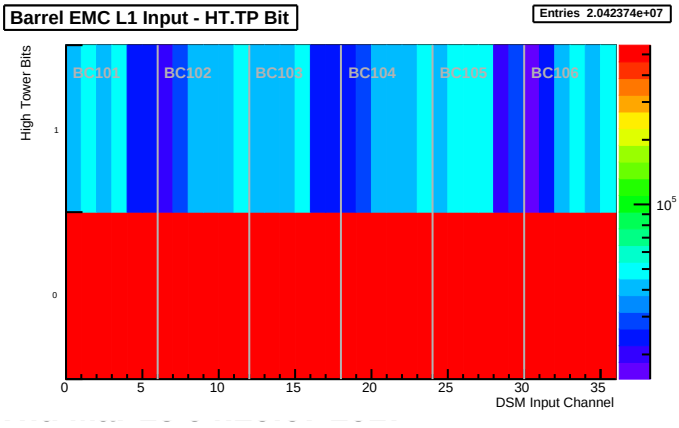

Barrel EMC L1 Input - Low Eta Sum
Entries 28327
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

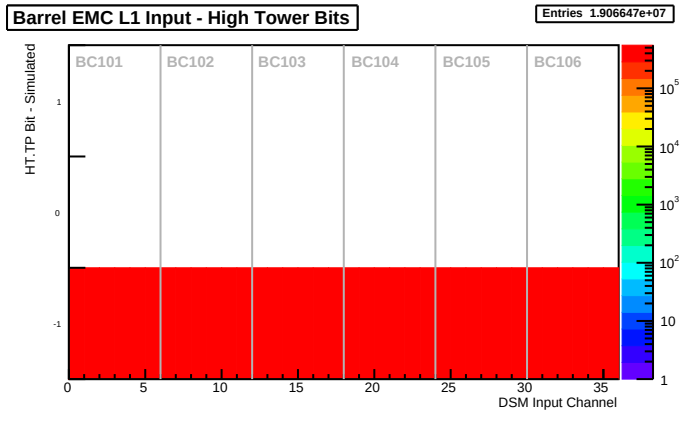

Barrel EMC L1 Input - High Eta Sum
Entries 2.042374e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

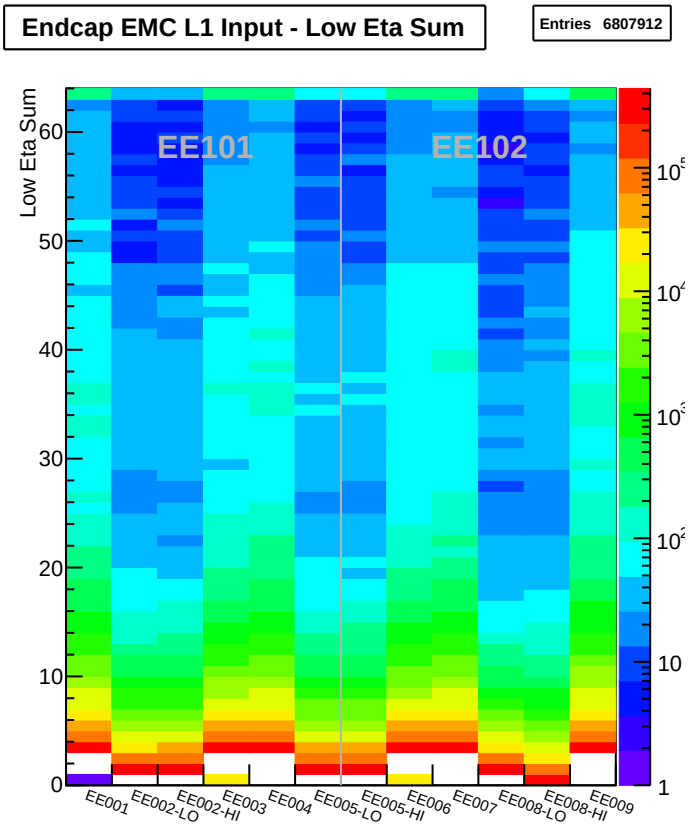

Barrel EMC L1 Input - High Eta Sum
Entries 24964
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

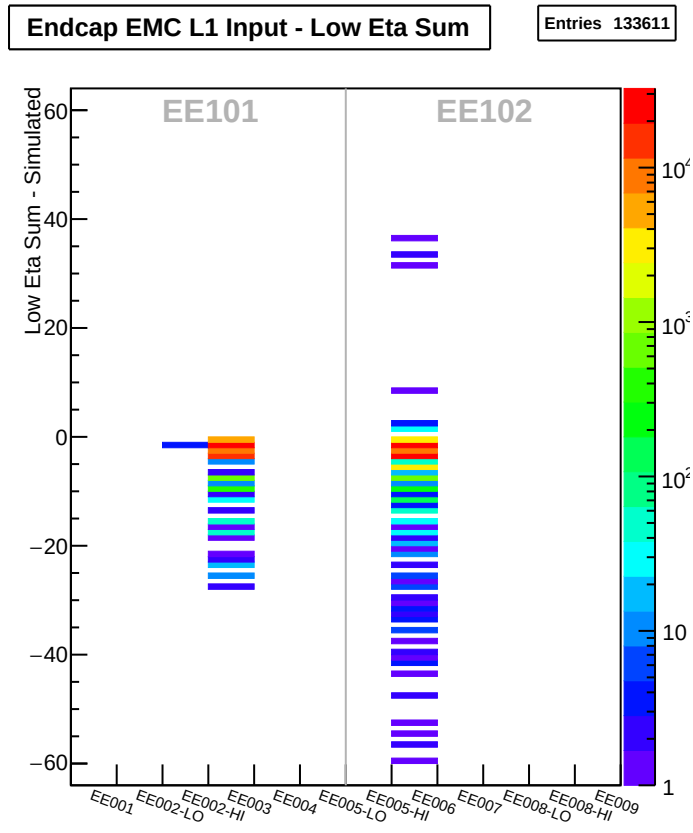

Barrel EMC L1 Input - High Tower Bits
Entries 2.042374e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

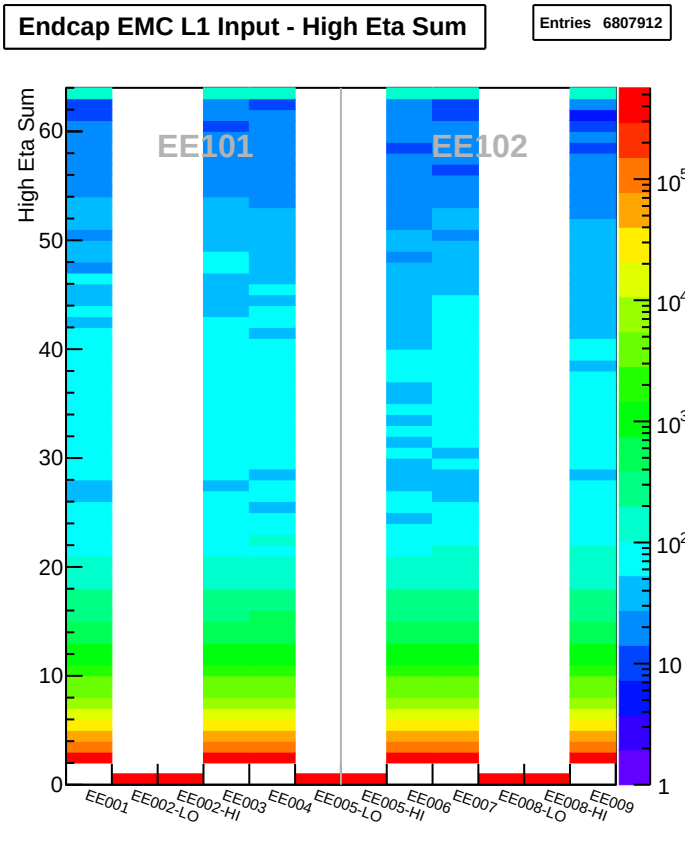

Barrel EMC L1 Input - High Tower Bits
Entries 2.039427e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

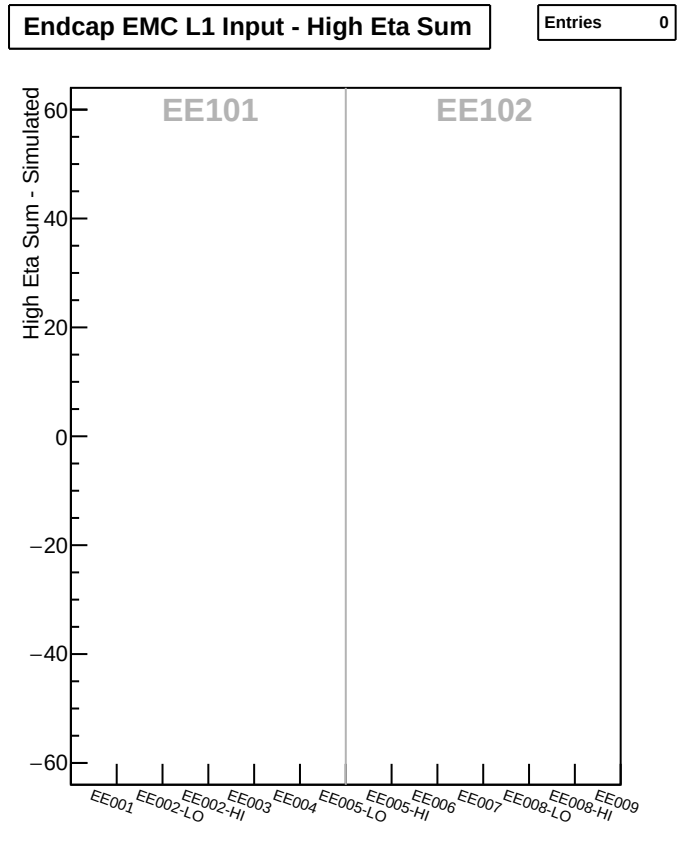

Barrel EMC L1 Input - HT.TP Bit
Entries 2.042374e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

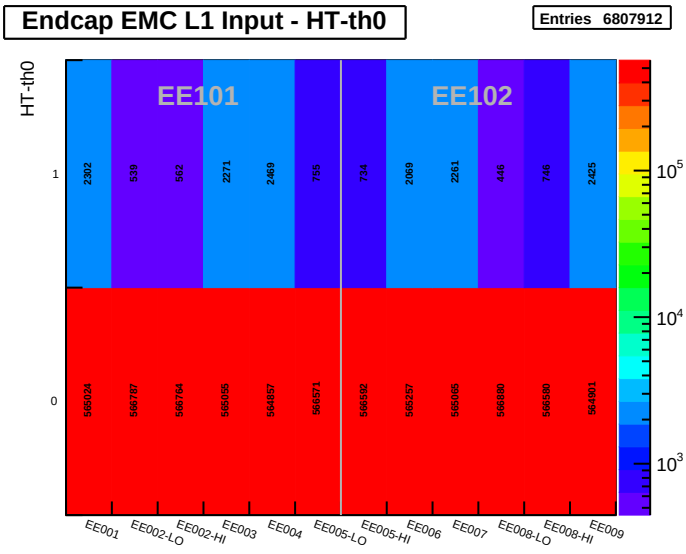

Barrel EMC L1 Input - High Tower Bits
Entries 1.906647e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

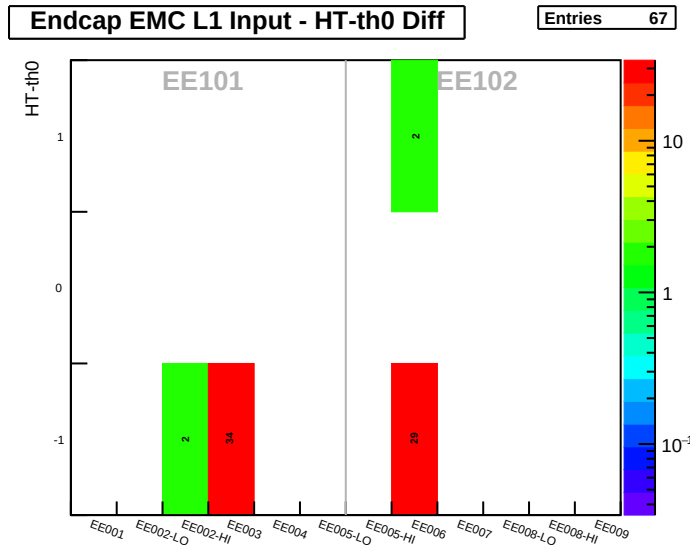

Endcap EMC L1 Input - Low Eta Sum
Entries 6807912
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

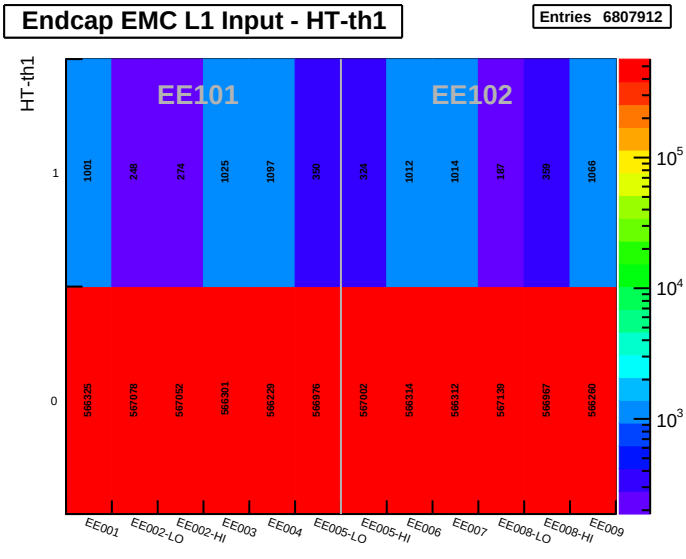

Endcap EMC L1 Input - Low Eta Sum
Entries 133611
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

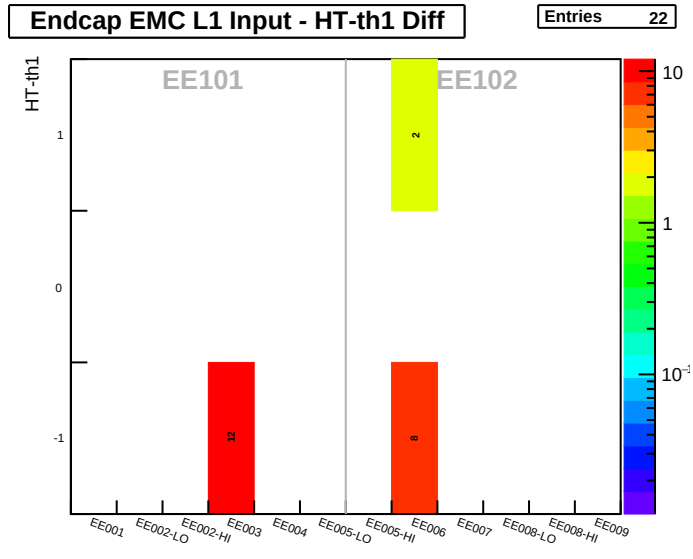

Endcap EMC L1 Input - High Eta Sum
Entries 6807912
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

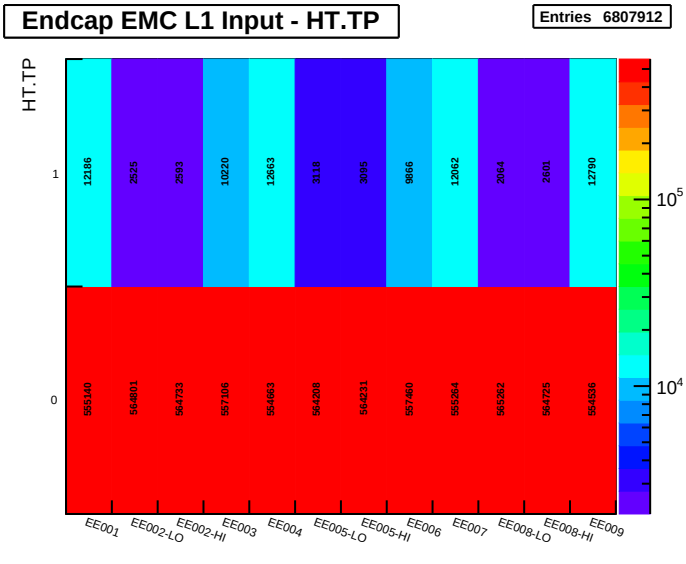

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

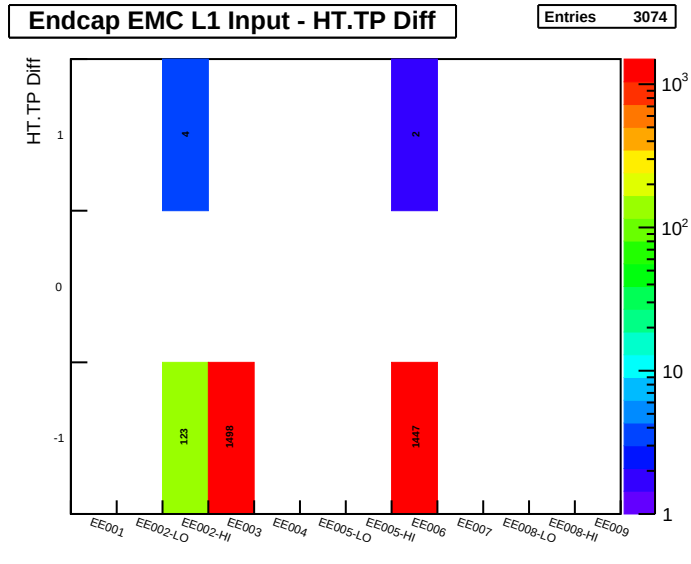

Endcap EMC L1 Input - HT-th0
Entries 6807912
HT-th0
EE101
EE102
1
0
2302 539 562 2271 2469 755 734 2069 2261 446 746 2425
565024 566787 566764 565055 564857 566571 566592 565257 565065 566380 566580 564901
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5
10^4
10^3

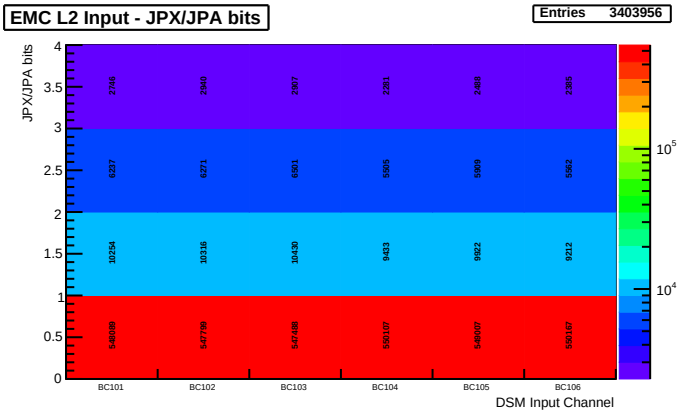

Endcap EMC L1 Input - HT-th0 Diff
Entries 67
HT-th0
EE101
EE102
1
0
-1
2
2 34 29
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

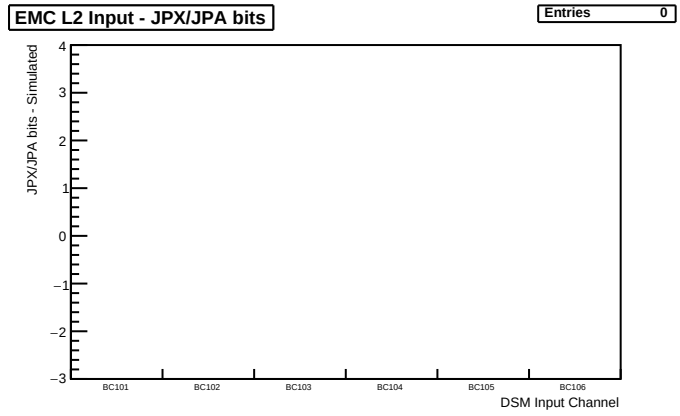

Endcap EMC L1 Input - HT-th1
Entries 6807912
HT-th1
EE101
EE102
1
0
1001 248 274 1025 1097 350 324 1012 1014 137 339 1066
566325 567078 567052 566301 566229 566976 567002 566314 566312 567139 566967 566260
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5
10^4
10^3

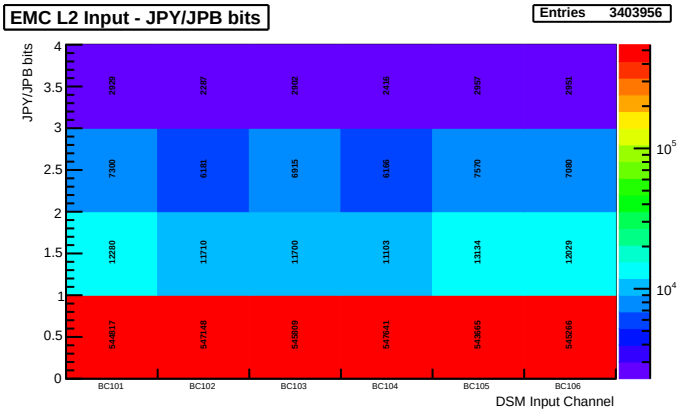

Endcap EMC L1 Input - HT-th1 Diff
Entries 22
HT-th1
EE101
EE102
1
0
-1
2
12 8
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

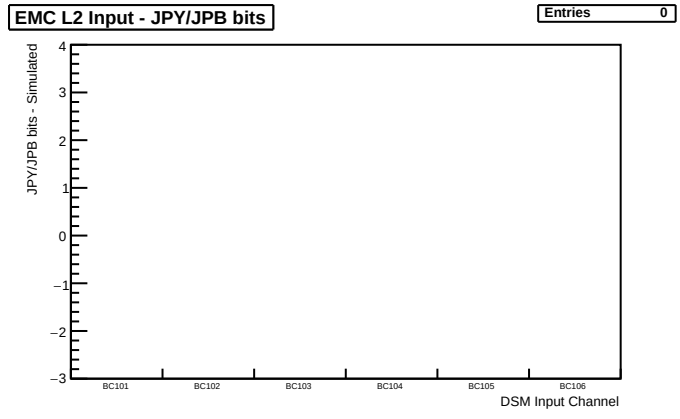

Endcap EMC L1 Input - HT.TP
Entries 6807912
HT.TP
1
0
12186 2525 2593 10220 12663 3118 3095 9866 12062 2064 2601 12790
555140 564801 564733 557106 554663 564208 564231 557460 555264 565262 564725 554536
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5
10^4

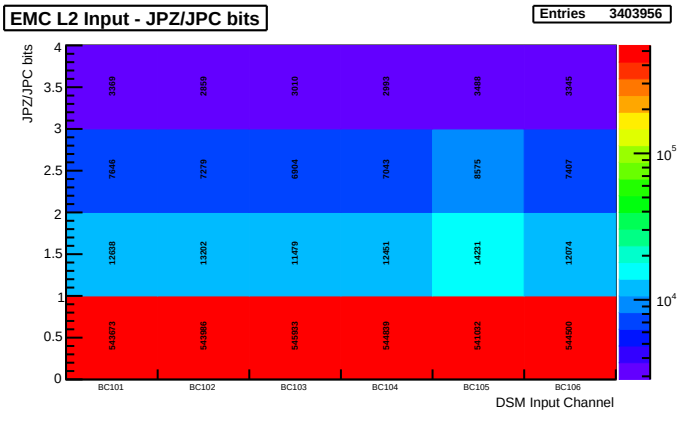

Endcap EMC L1 Input - HT.TP Diff
Entries 3074
HT.TP Diff
1
0
-1
4 2
123 1498 1447
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^3
10^2
10
1

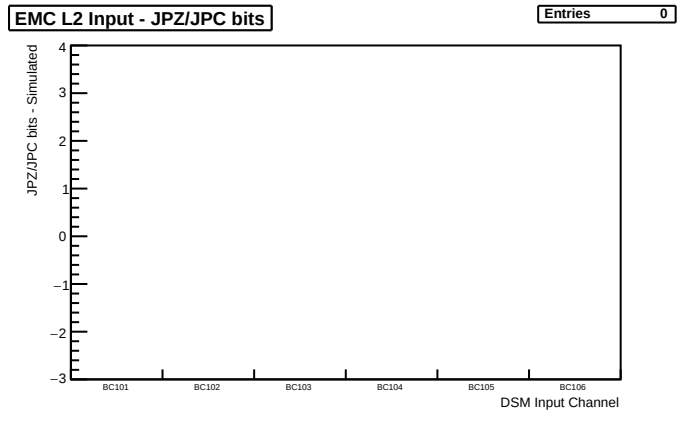

EMC L2 Input - JPX/JPA bits
Entries 3403956
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
2746 2940 2907 2291 2488 2385
6237 6271 6501 5505 5999 5562
10254 10316 10430 9433 9922 9212
548088 547798 547488 550107 549007 550167

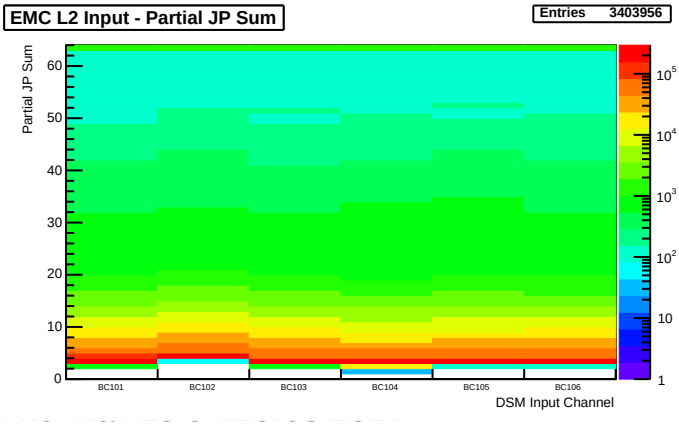

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

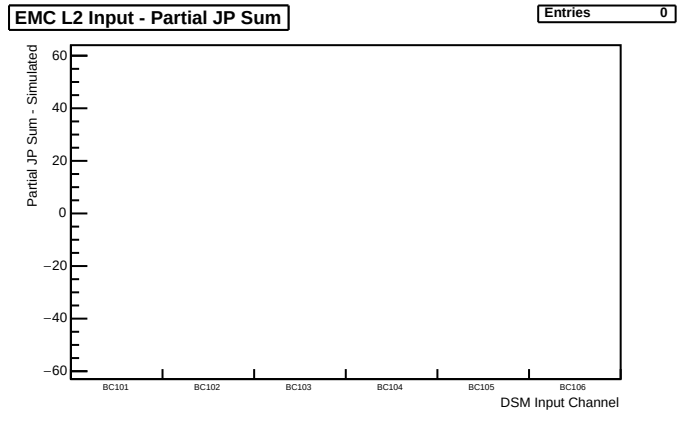

EMC L2 Input - JPY/JPB bits
Entries 3403956
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
2329 2297 2342 2416 2357 2351
7300 6181 6915 6166 7570 7080
12280 11710 11700 11103 13134 12029
548617 547148 545809 547641 543865 545266

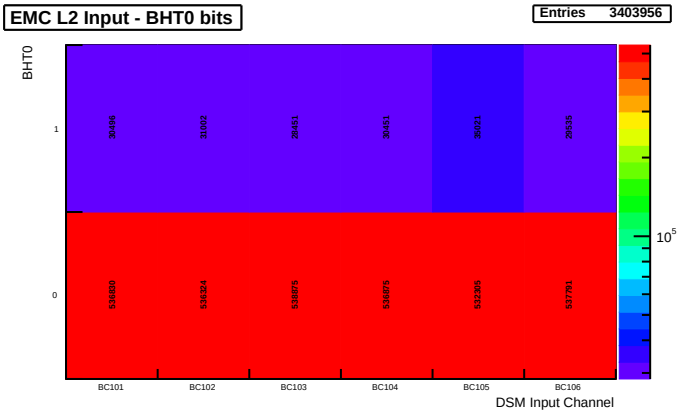

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

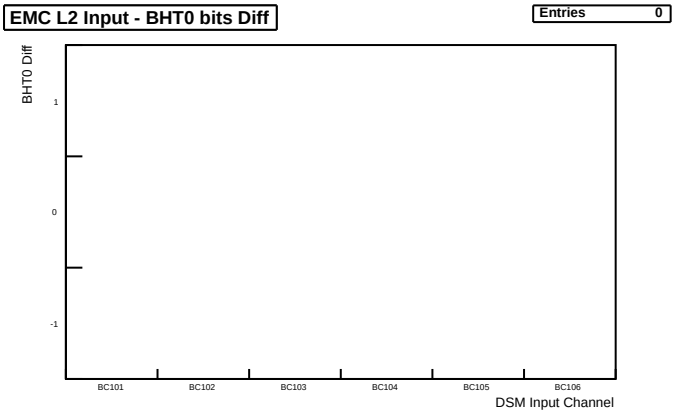

EMC L2 Input - JPZ/JPC bits
Entries 3403956
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
3369 2859 3010 2993 3488 3345
7646 7279 6904 7043 8575 7407
12838 13202 11479 12461 14231 12074
543673 543986 545893 544839 541032 544930

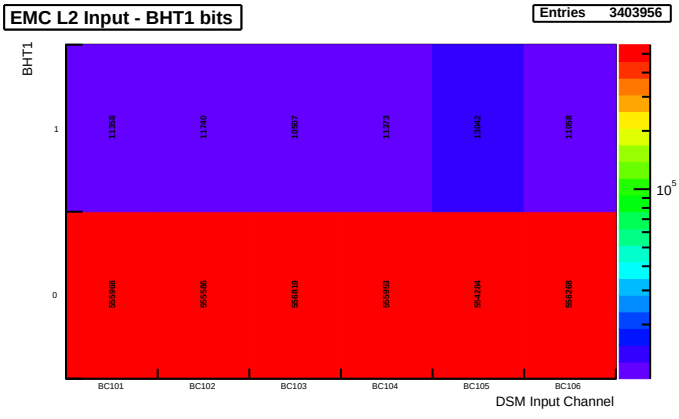

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

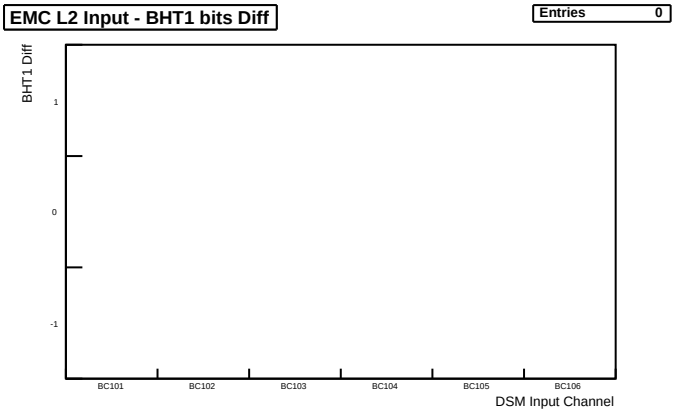

EMC L2 Input - Partial JP Sum
Entries 3403956
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

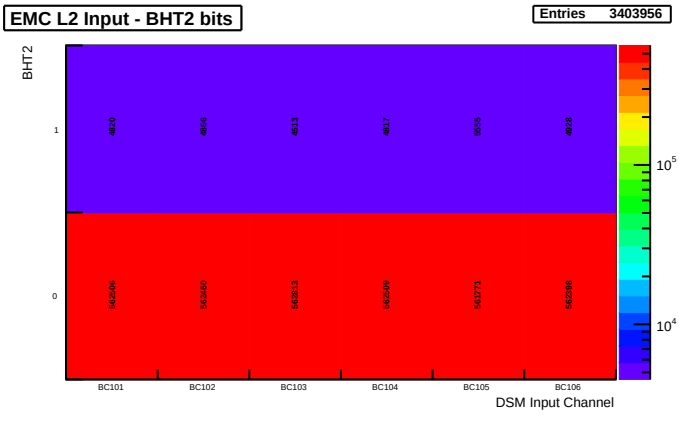

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

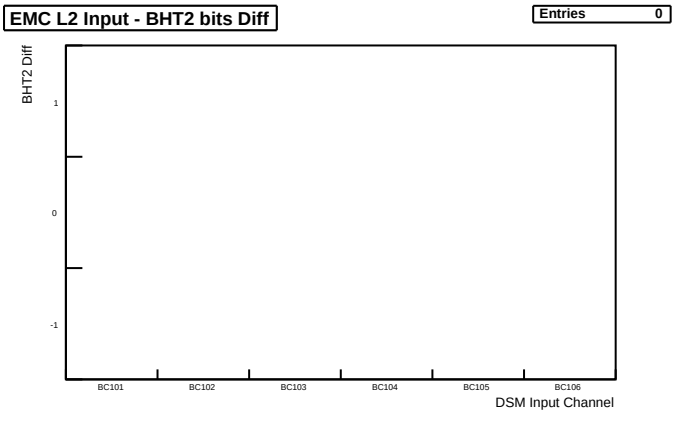

EMC L2 Input - BHT0 bits
Entries 3403956
BHT0
1
0
30498
31002
28451
30451
36621
29535
536880
536324
538875
536875
532309
537791
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5

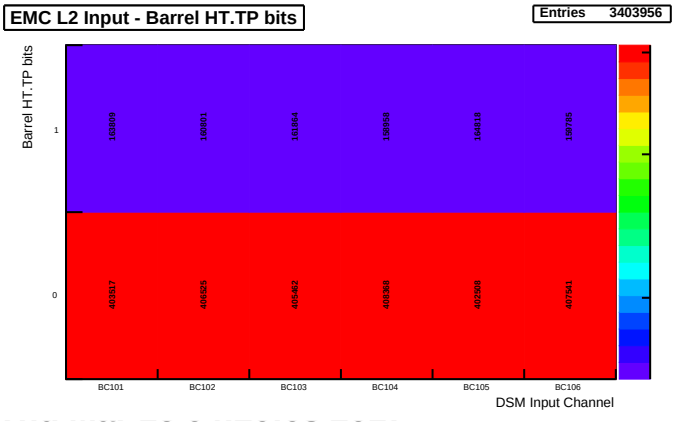

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

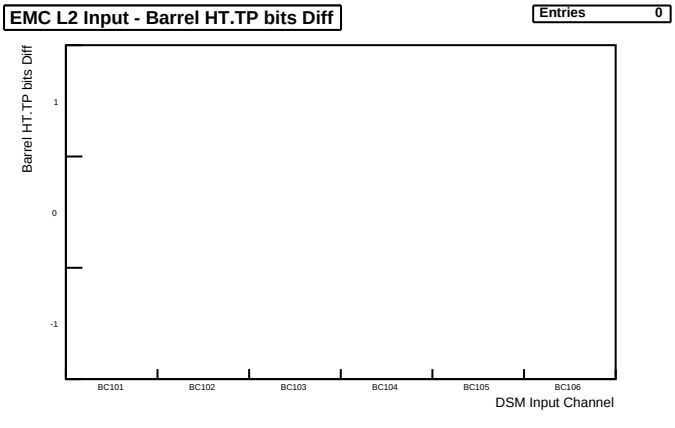

EMC L2 Input - BHT1 bits
Entries 3403956
BHT1
1
0
11858
11740
10507
11373
13042
11058
555948
555586
556819
555953
554294
556208
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5

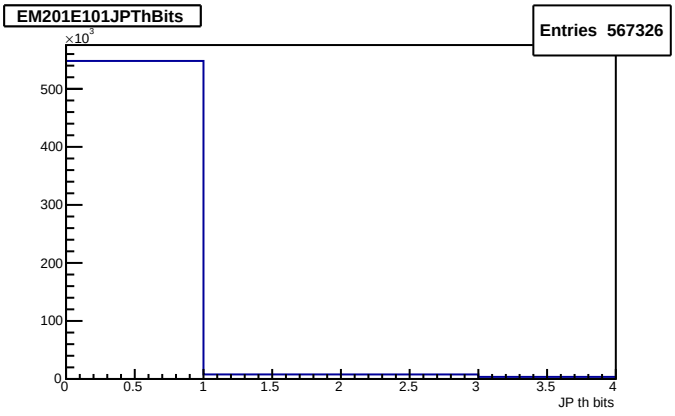

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

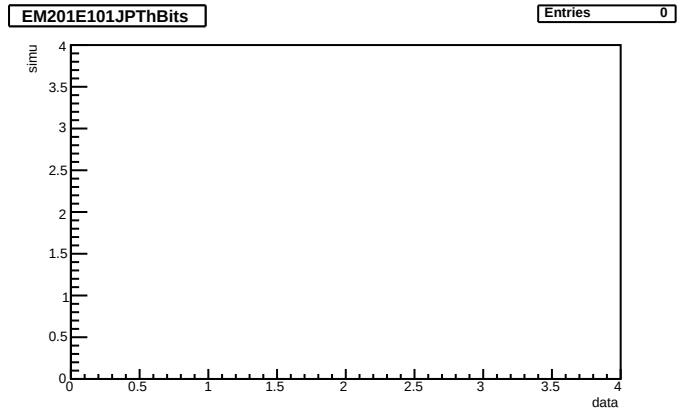

EMC L2 Input - BHT2 bits
Entries 3403956
BHT2
1
0
4620
4866
4513
4617
5555
4928
562506
562460
562813
562509
563771
562898
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4

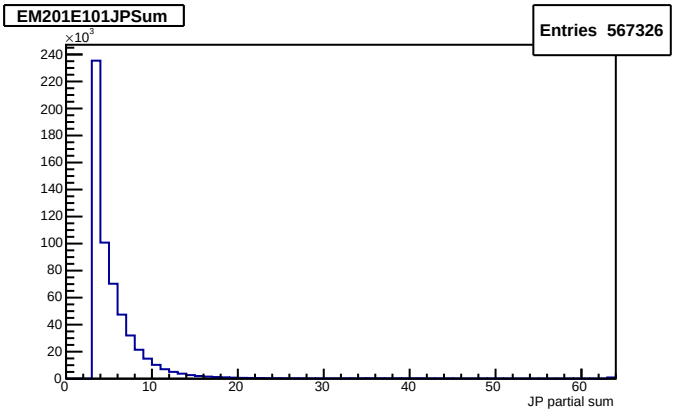

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

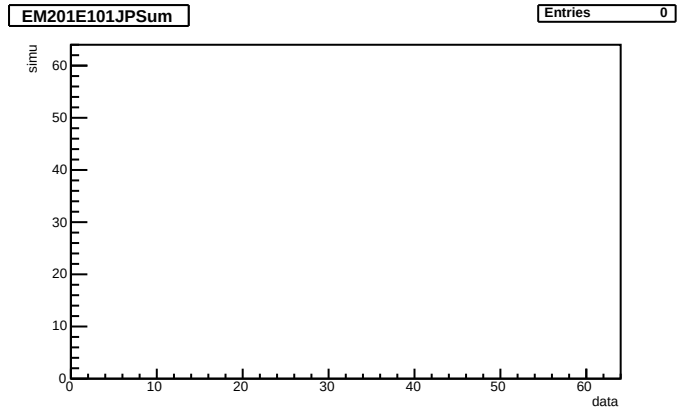

EMC L2 Input - Barrel HT.TP bits
Entries 3403956
Barrel HT.TP bits
1
0
163409
160801
161954
159958
164818
159785
403317
406525
405462
408368
402908
407541
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

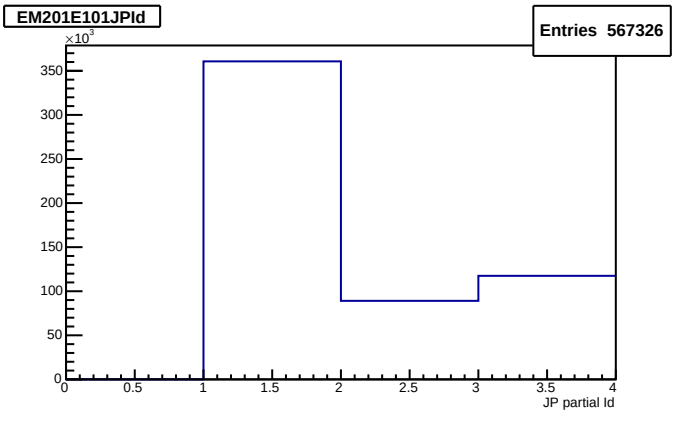

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

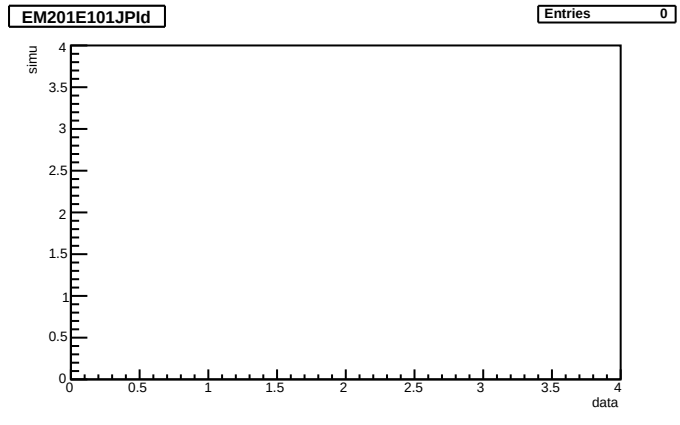

EM201E101JPThBits
Entries 567326
×10^3
JP th bits

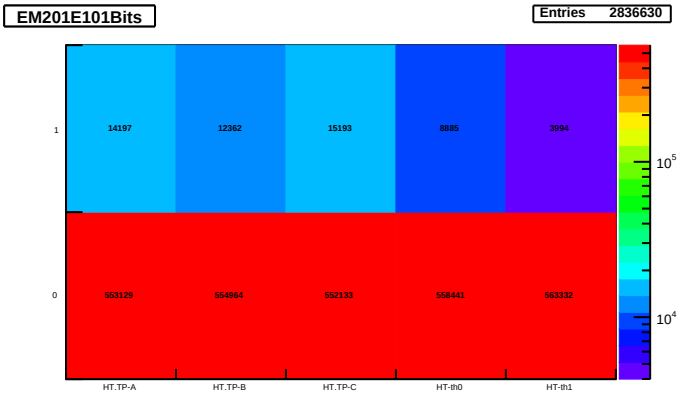

EM201E101JPThBits
Entries 0
simu
data

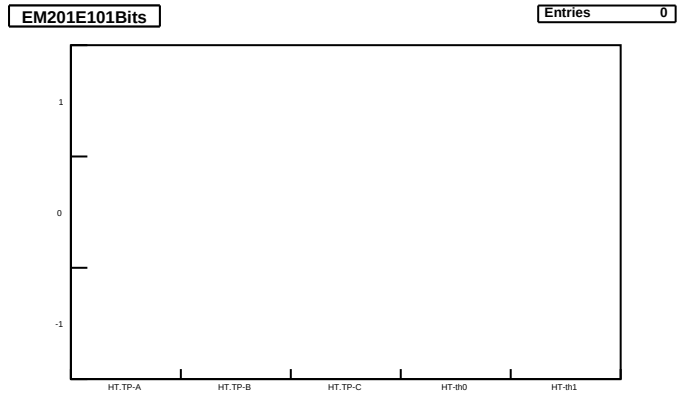

EM201E101JPSum
Entries 567326
×10^3
JP partial sum

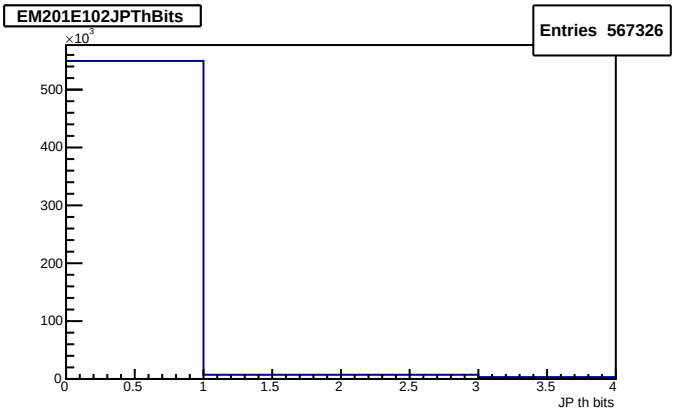

EM201E101JPSum
Entries 0
simu
data

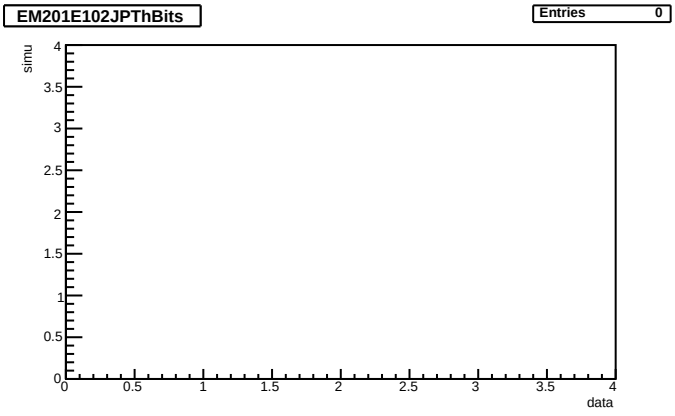

EM201E101JPId
Entries 567326
×10^3
JP partial Id

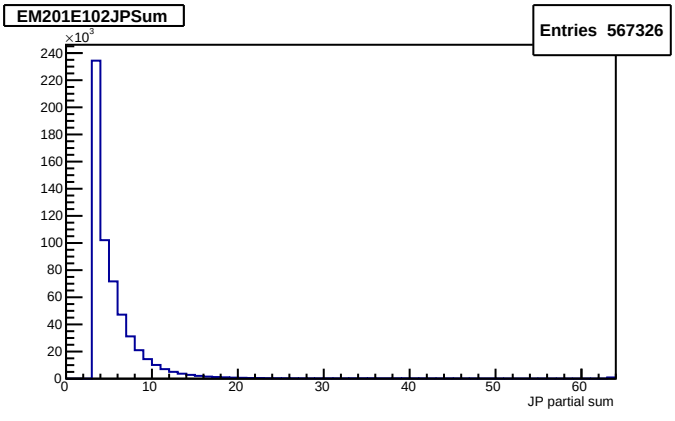

EM201E101JPId
Entries 0
simu
data

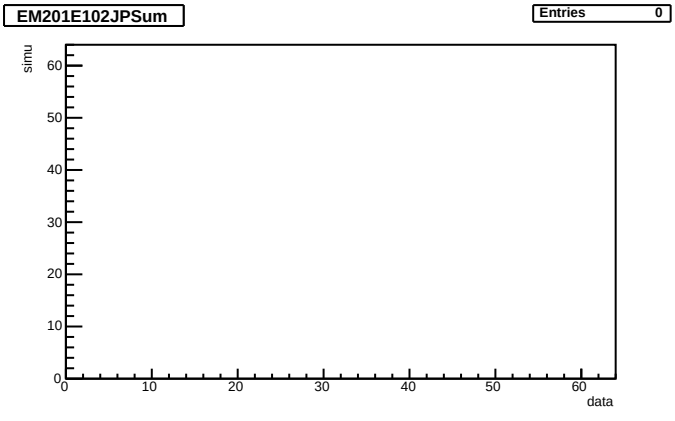

EM201E101Bits
Entries 2836630
14197
12362
15193
8885
3994
553129
554964
552133
558441
563332
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

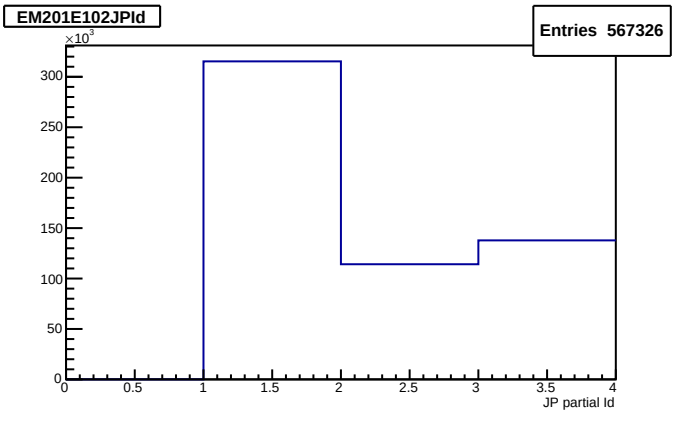

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

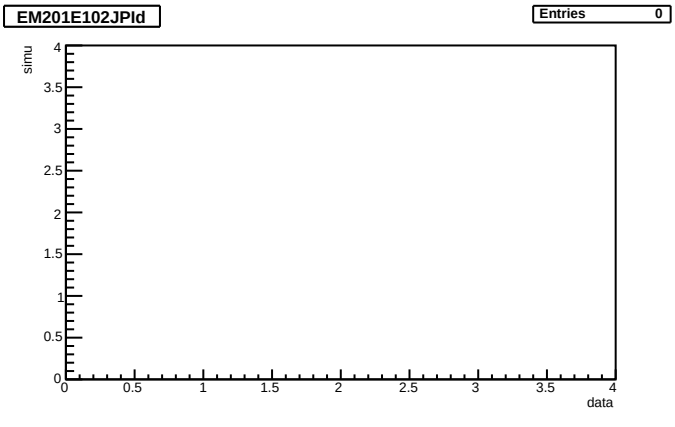

EM201E102JPThBits
Entries 567326
×10^3
JP th bits

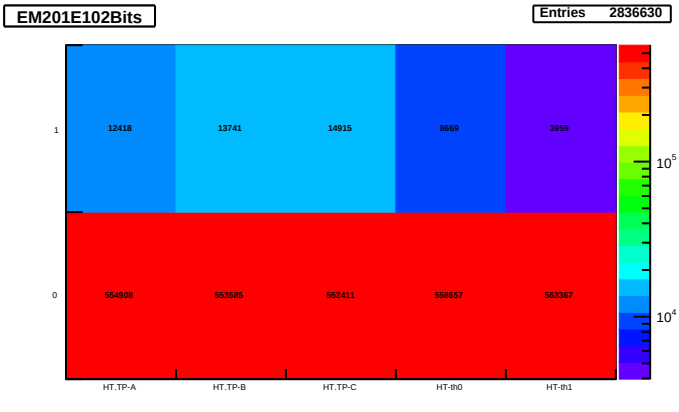

EM201E102JPThBits
Entries 0
simu
data

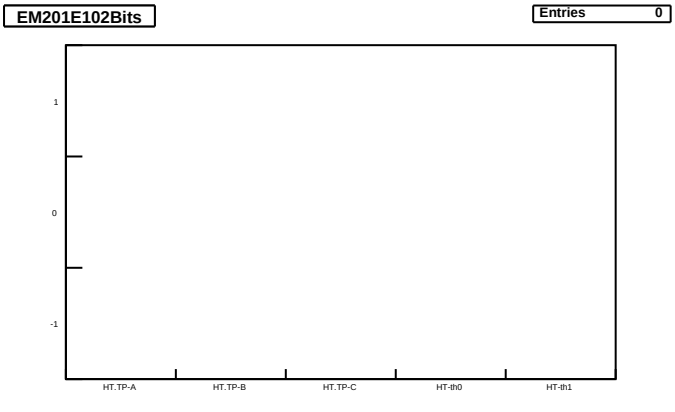

EM201E102JPSum
Entries 567326
×10^3
JP partial sum

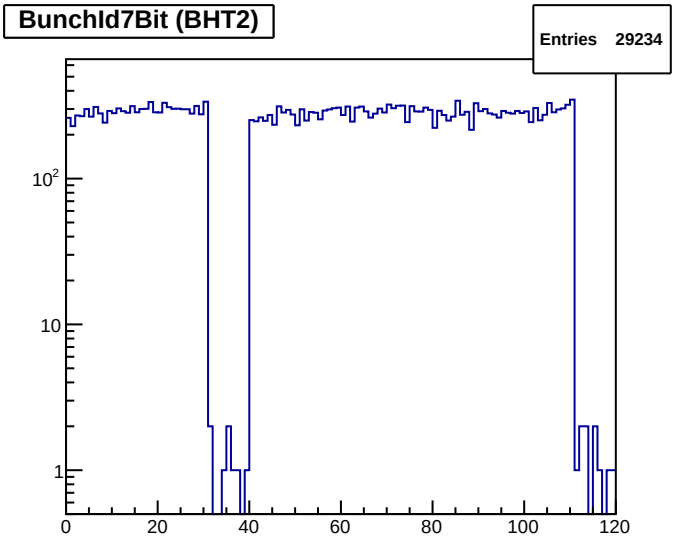

EM201E102JPSum
Entries 0
simu
data

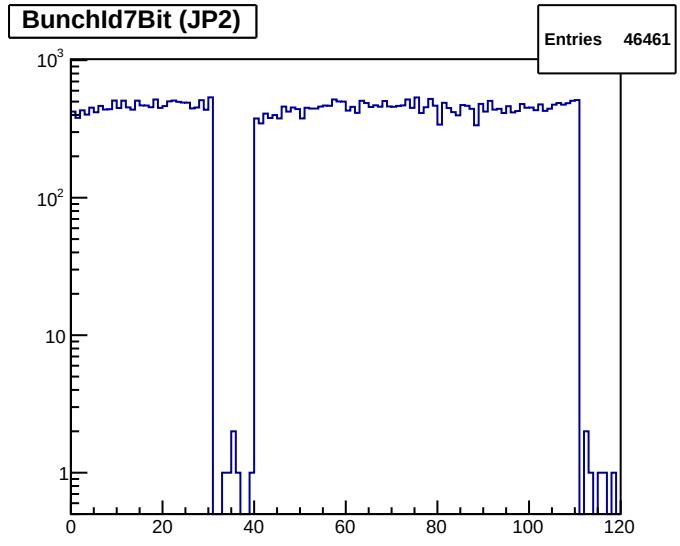

EM201E102JPId
Entries 567326
×10^3
JP partial Id

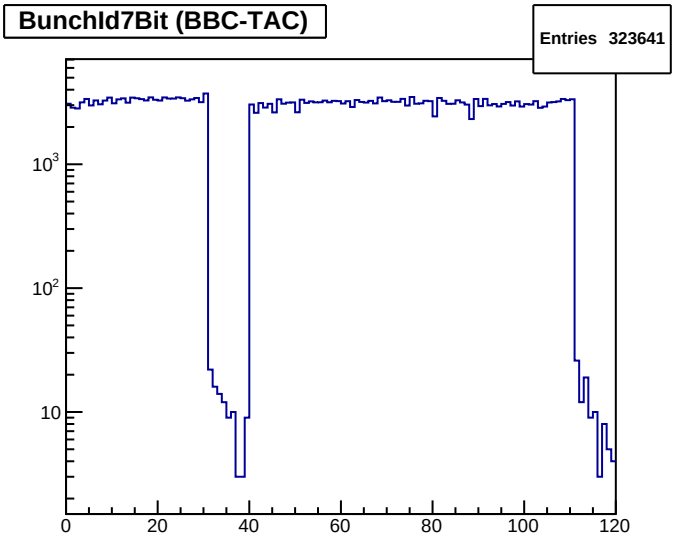

EM201E102JPId
Entries 0
simu
data

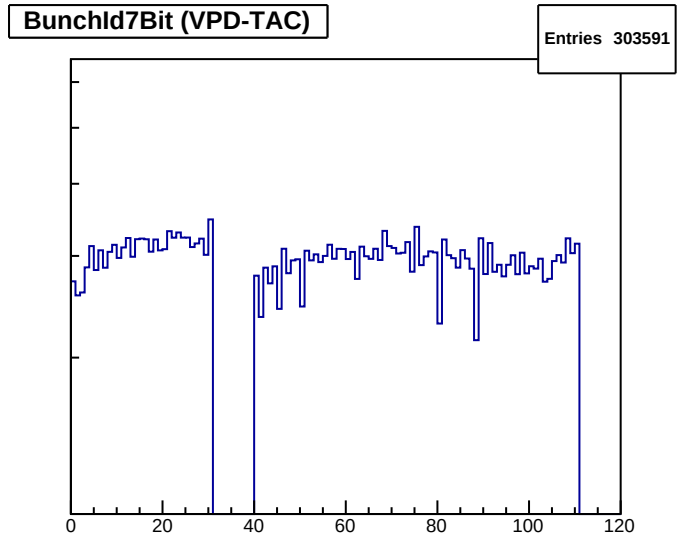

EM201E102Bits
Entries 2836630
12418
13741
14915
8669
3959
554908
553585
552411
558657
563367
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

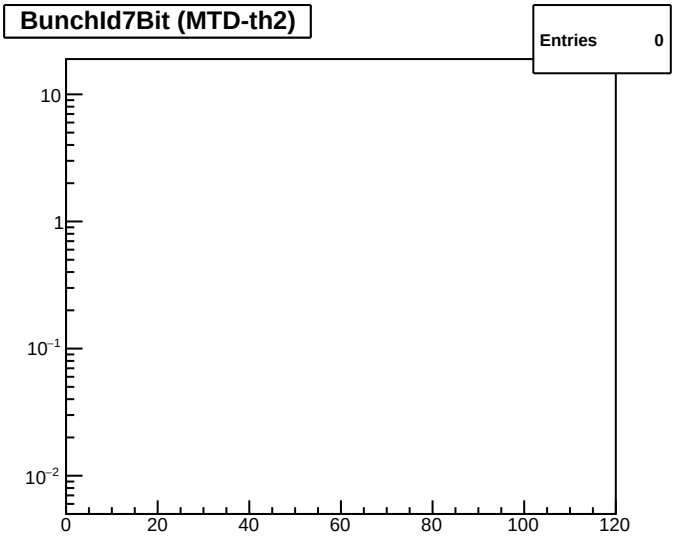

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

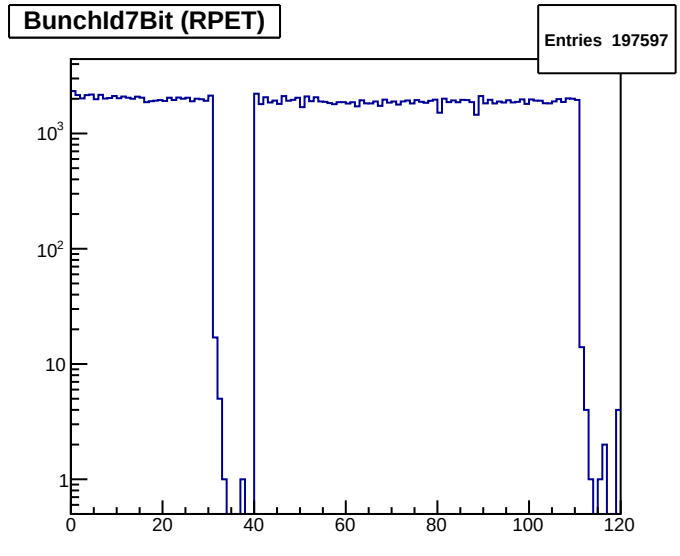

BunchId7Bit (BHT2)
Entries 29234

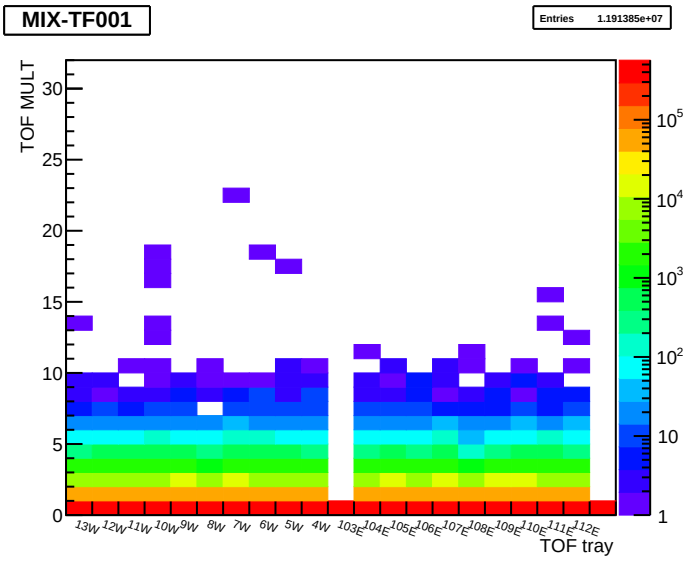

BunchId7Bit (JP2)
Entries 46461

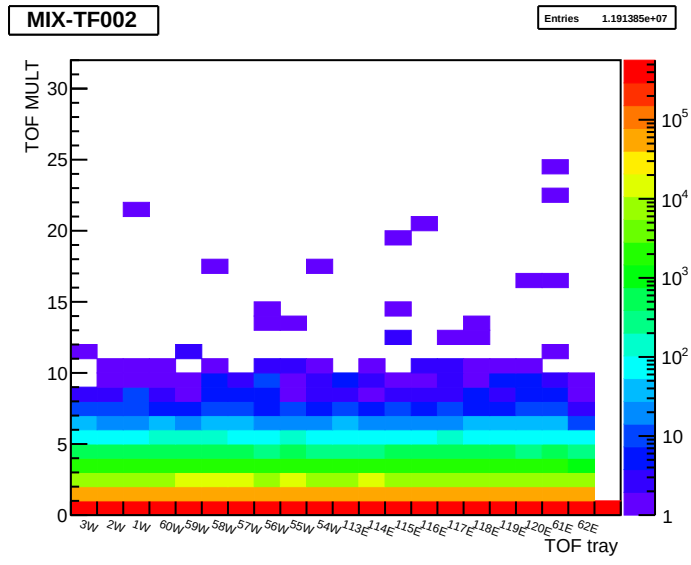

BunchId7Bit (BBC-TAC)
Entries 323641

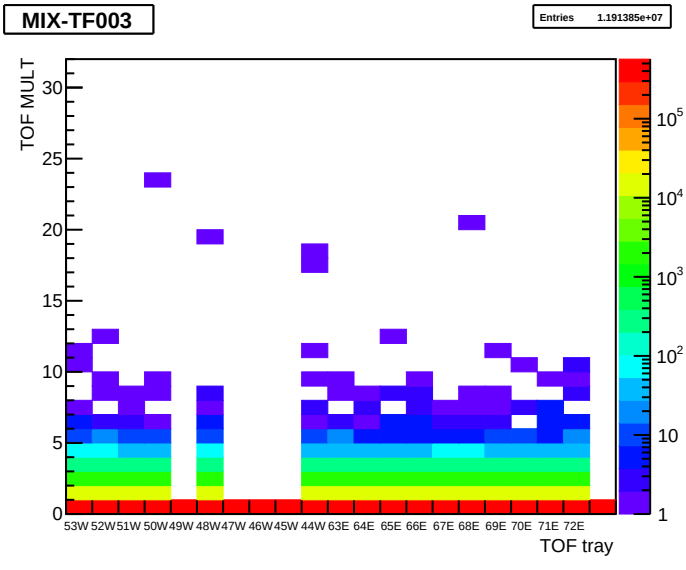

BunchId7Bit (VPD-TAC)
Entries 303591

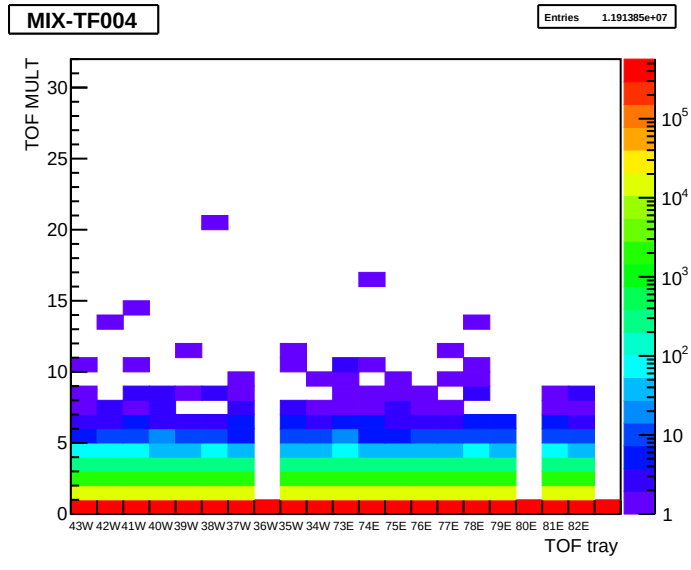

BunchId7Bit (MTD-th2)
Entries 0

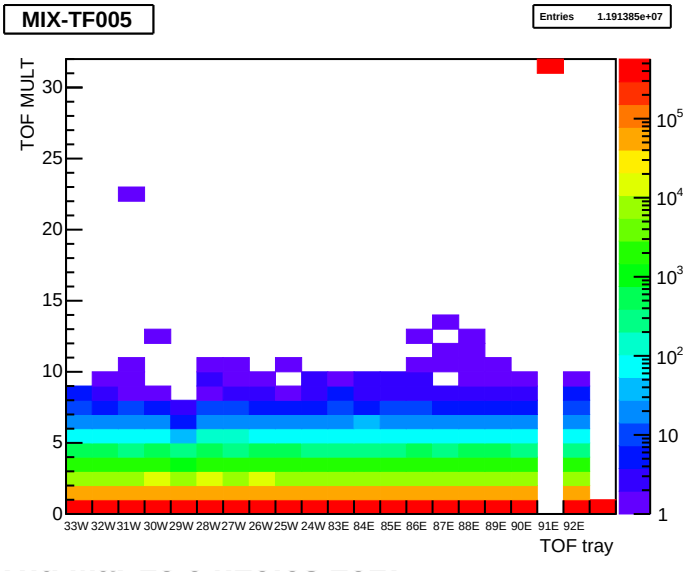

BunchId7Bit (RPET)
Entries 197597

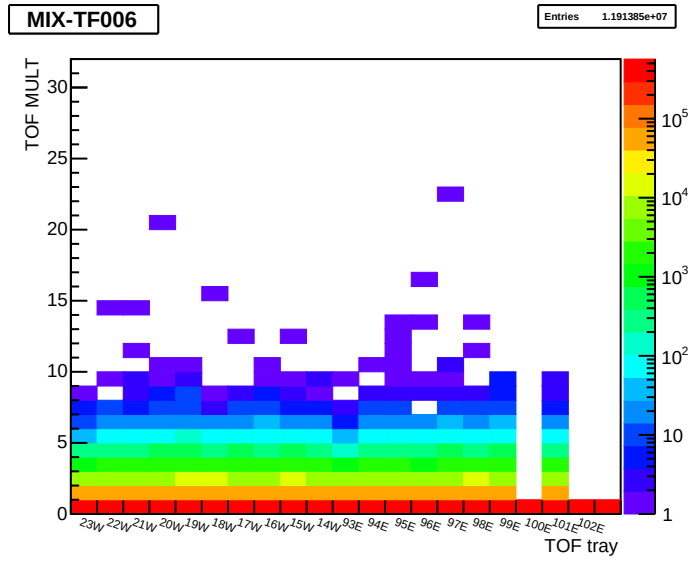

MIX-TF001
Entries 1.191385e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

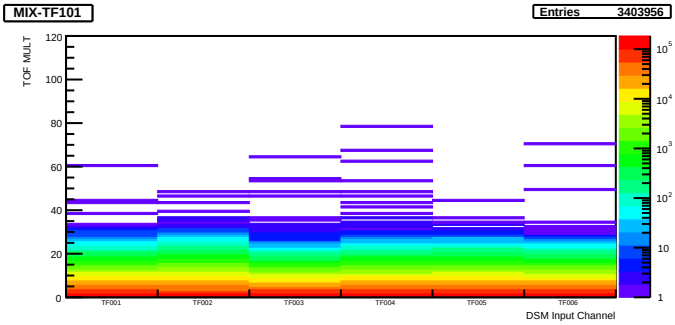

MIX-TF002
Entries 1.191385e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

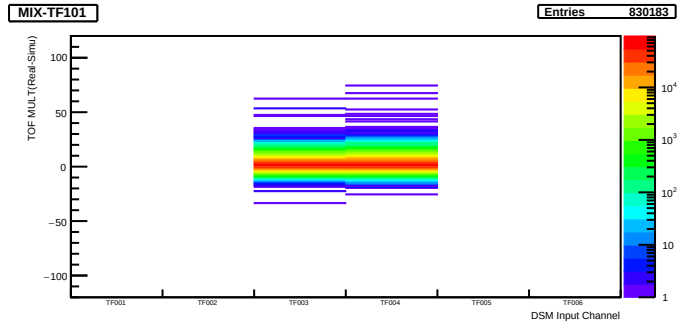

MIX-TF003
Entries 1.191385e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

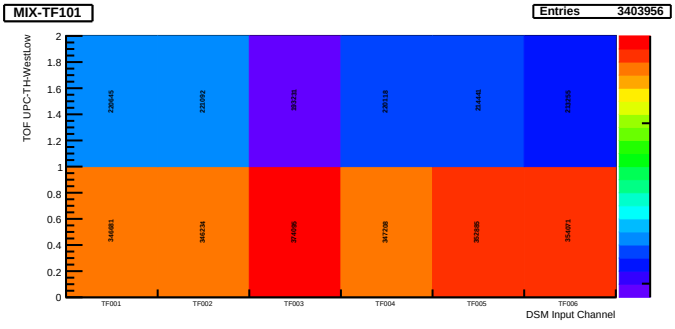

MIX-TF004
Entries 1.191385e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

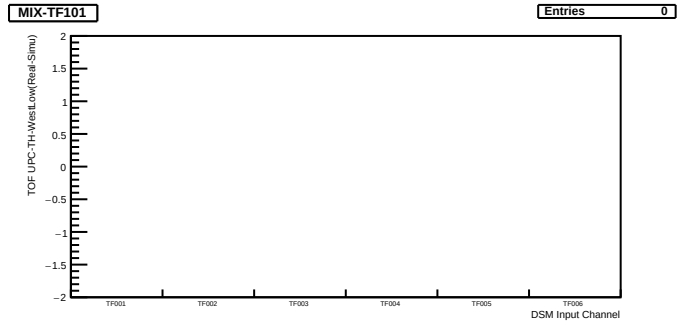

MIX-TF005
Entries 1.191385e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

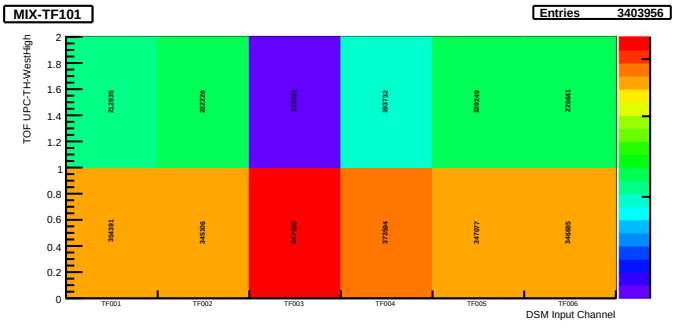

MIX-TF006
Entries 1.191385e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

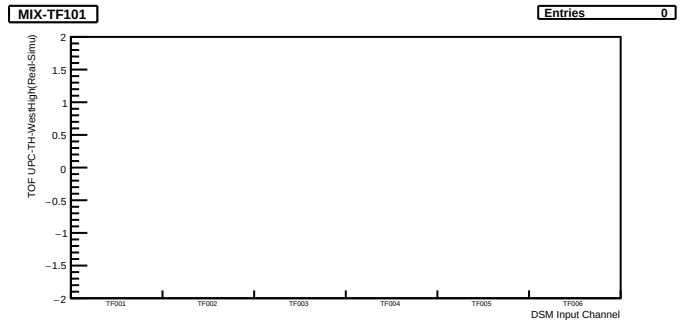

MIX-TF101
Entries 3403956
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

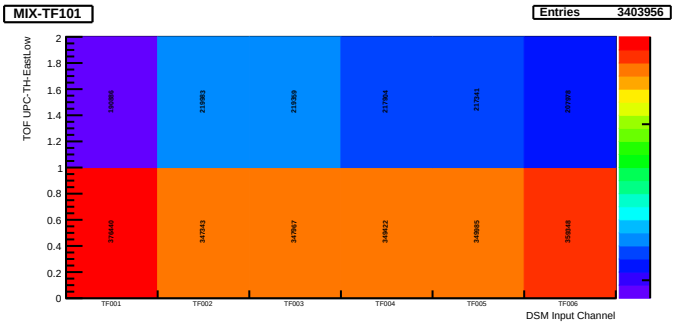

MIX-TF101
Entries 830183
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

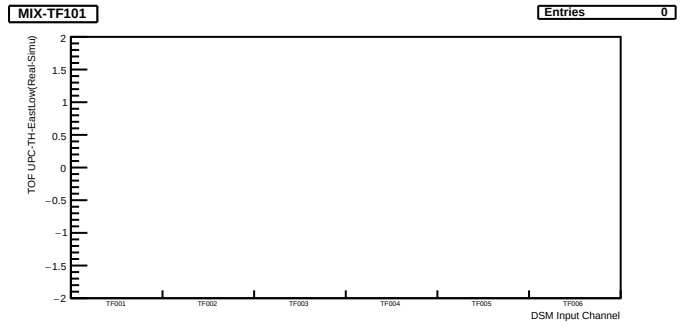

MIX-TF101
Entries 3403956
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

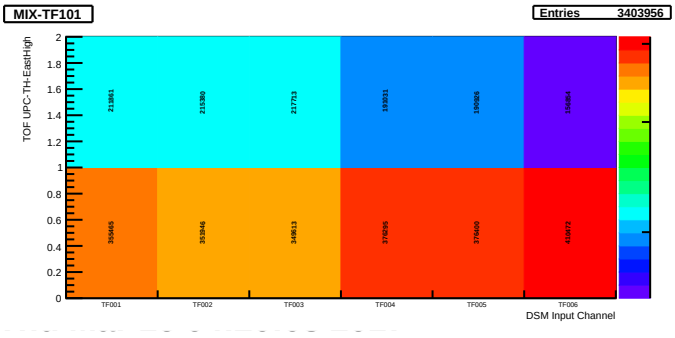

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

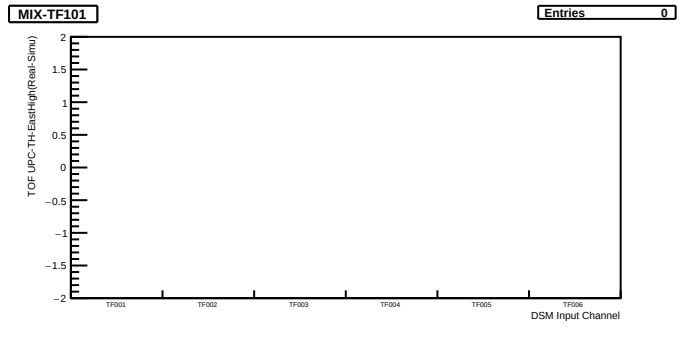

MIX-TF101
Entries 3403956
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

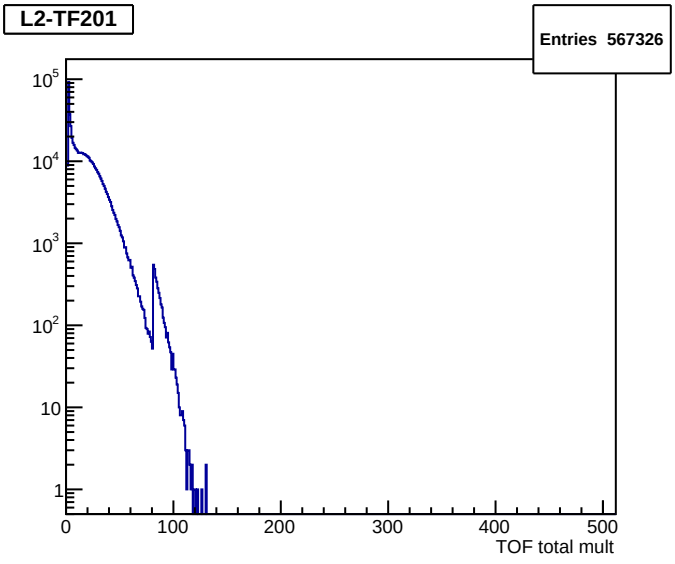

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

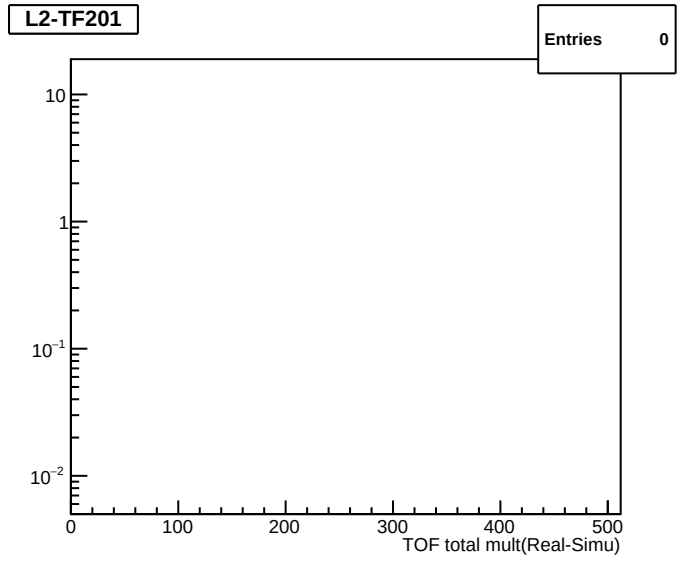

MIX-TF101
Entries 3403956
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

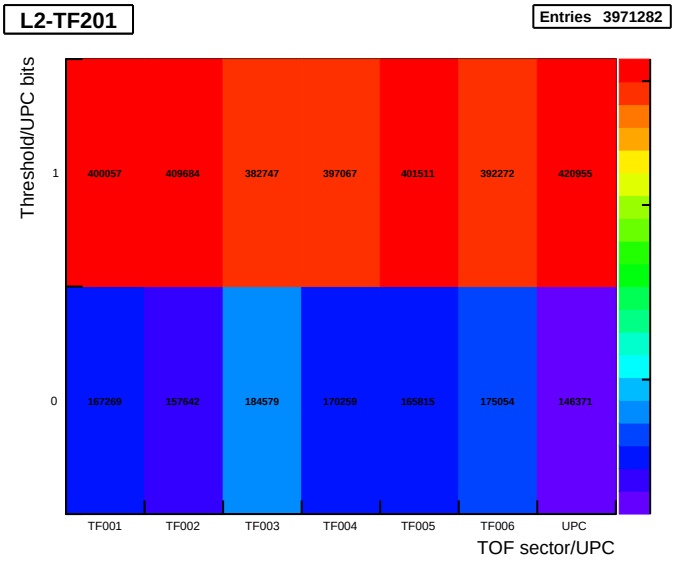

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

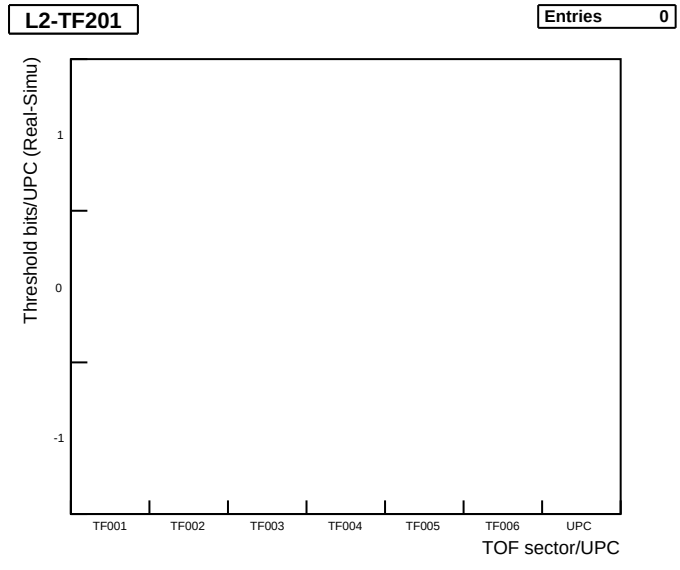

MIX-TF101
Entries 3403956
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

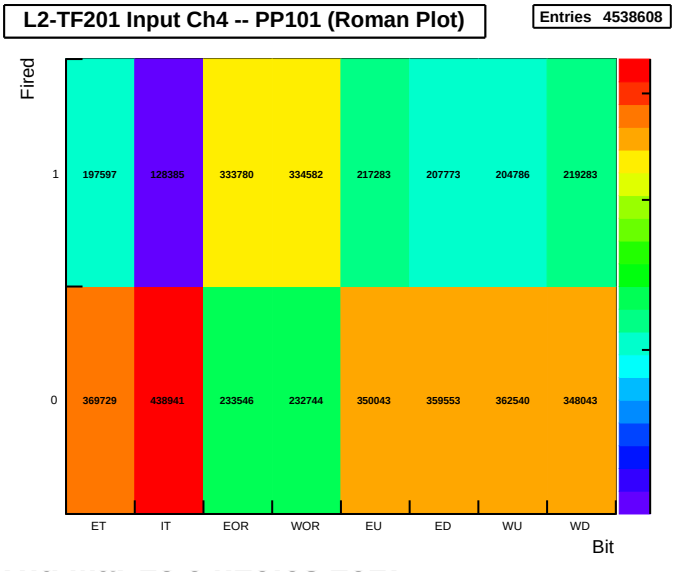

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

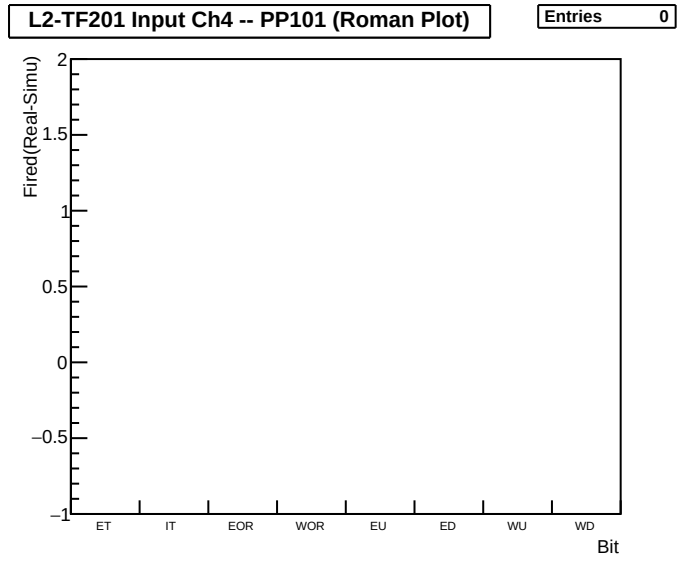

L2-TF201
Entries 567326
TOF total mult

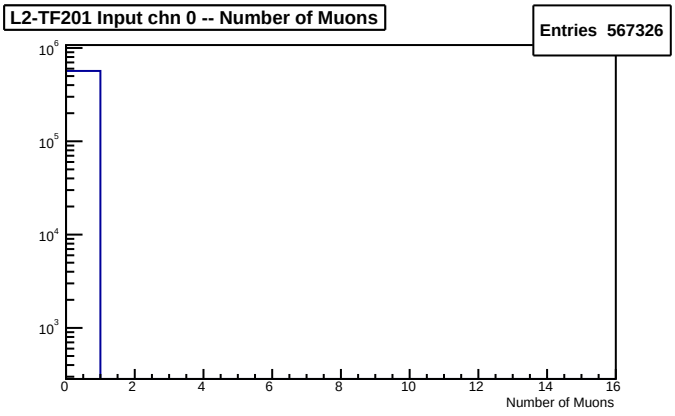

L2-TF201
Entries 0
TOF total mult(Real-Simu)

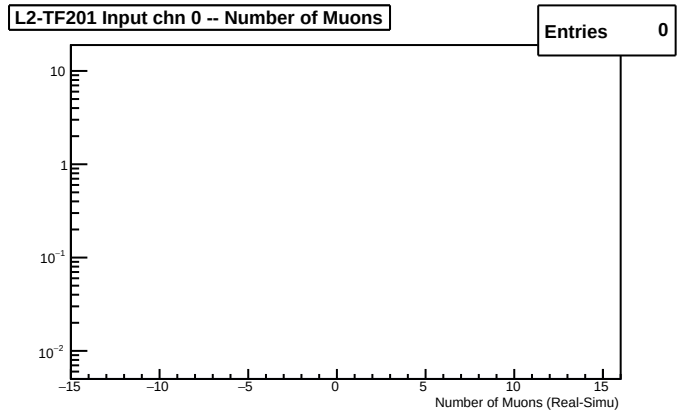

L2-TF201
Entries 3971282
Threshold/UPC bits
400057 409684 382747 397067 401511 392272 420955
167269 157642 184579 170259 165815 175054 146371
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

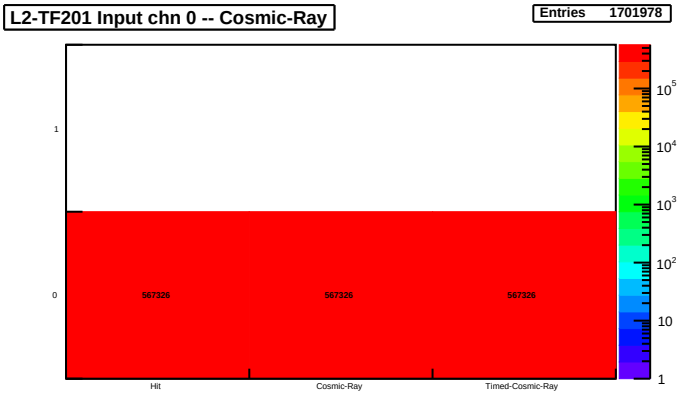

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

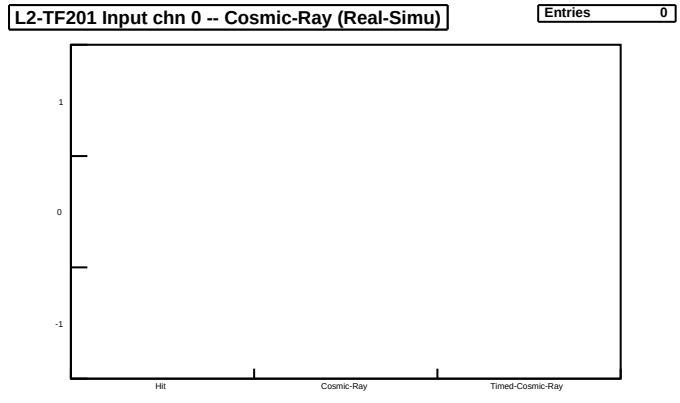

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4538608
Fired
197597 128385 333780 334582 217283 207773 204786 219283
369729 438941 233546 232744 350043 359553 362540 348043
ET IT EOR WOR EU ED WU WD
Bit

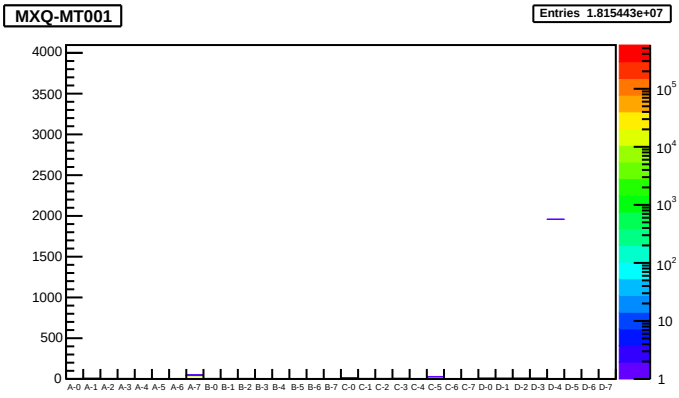

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

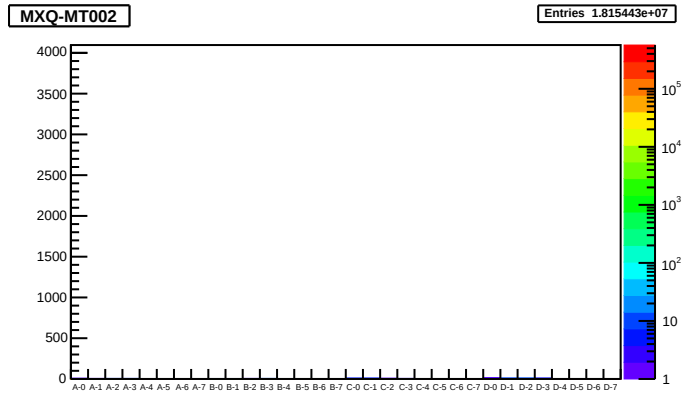

L2-TF201 Input chn 0 -- Number of Muons
Entries 567326
Number of Muons

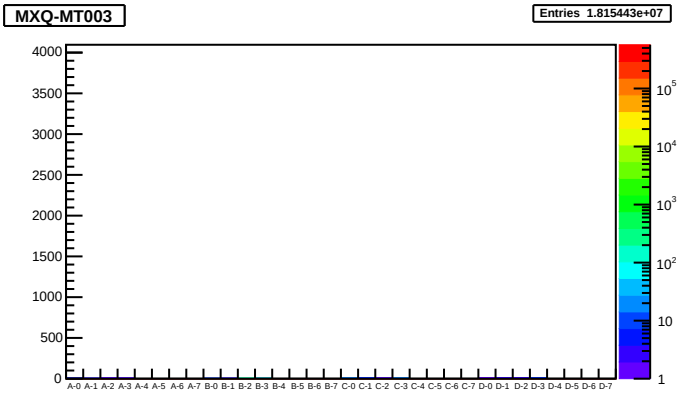

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

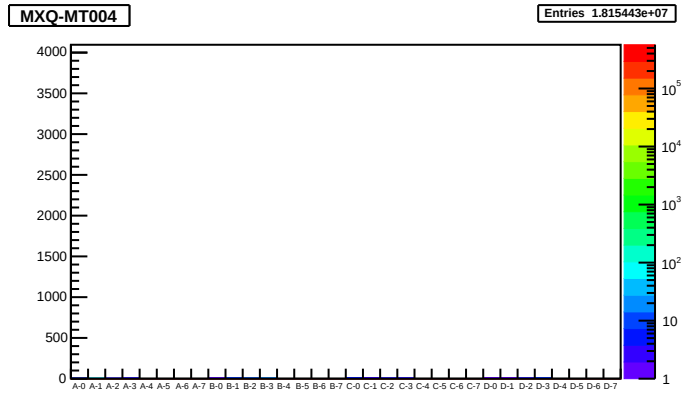

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1701978
567326
567326
567326
Hit
Cosmic-Ray
Timed-Cosmic-Ray

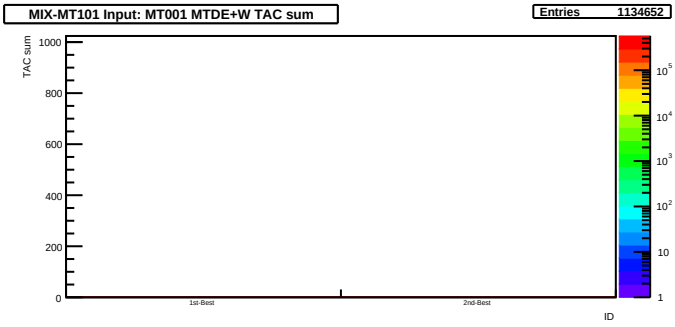

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

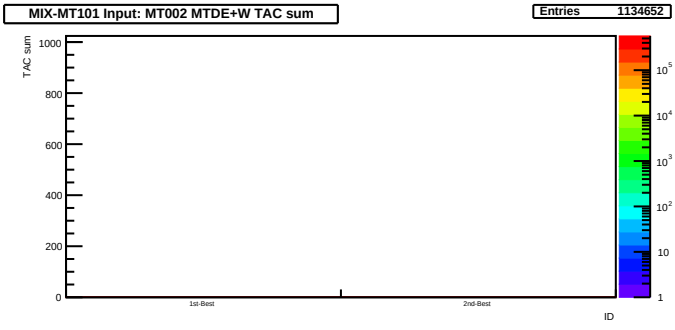

MXQ-MT001
Entries 1.815443e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

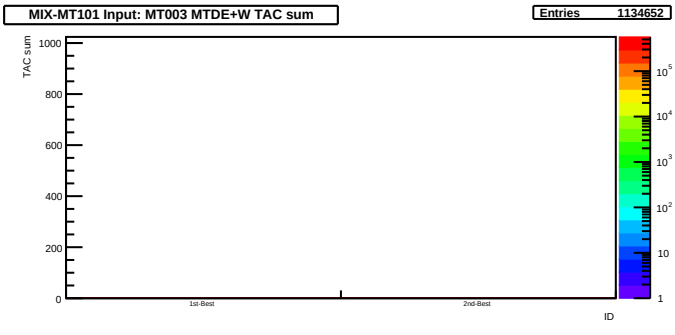

MXQ-MT002
Entries 1.815443e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

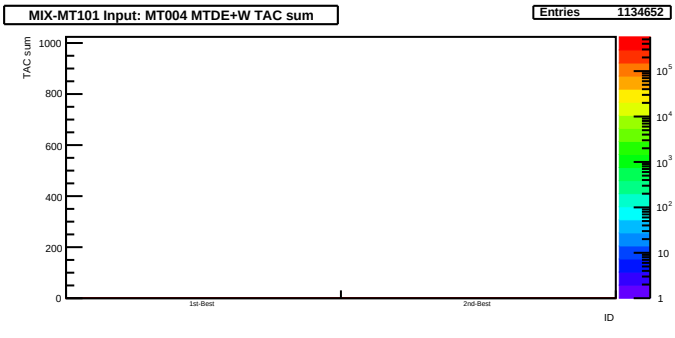

MXQ-MT003
Entries 1.815443e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

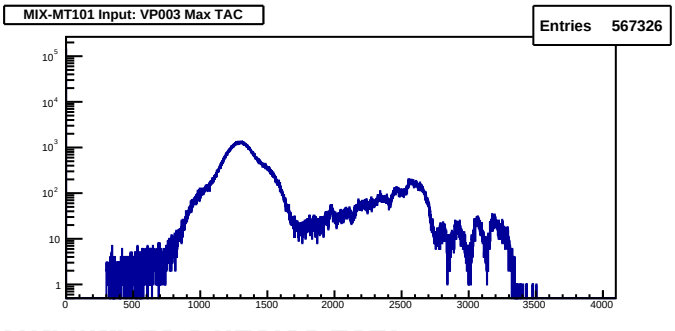

MXQ-MT004
Entries 1.815443e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

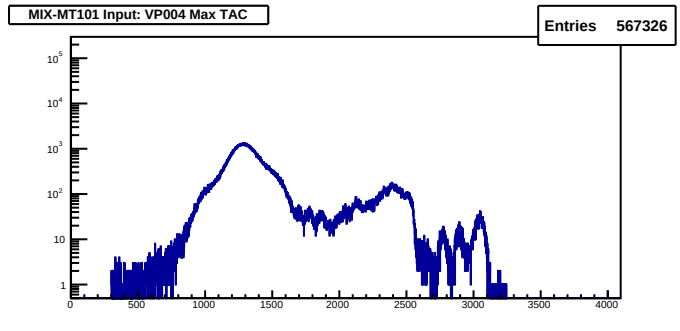

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1134652
TAC sum
1st-Best
2nd-Best
ID

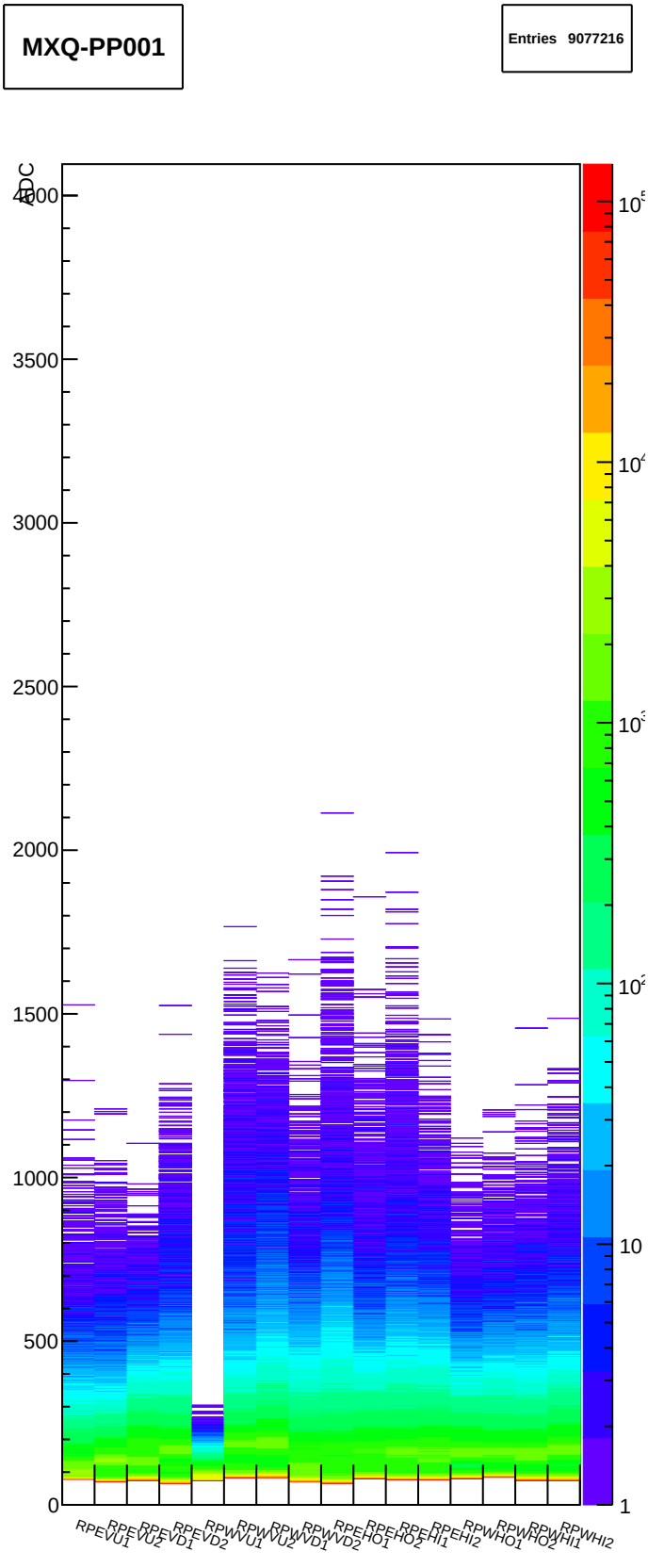

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1134652
TAC sum
1st-Best
2nd-Best
ID

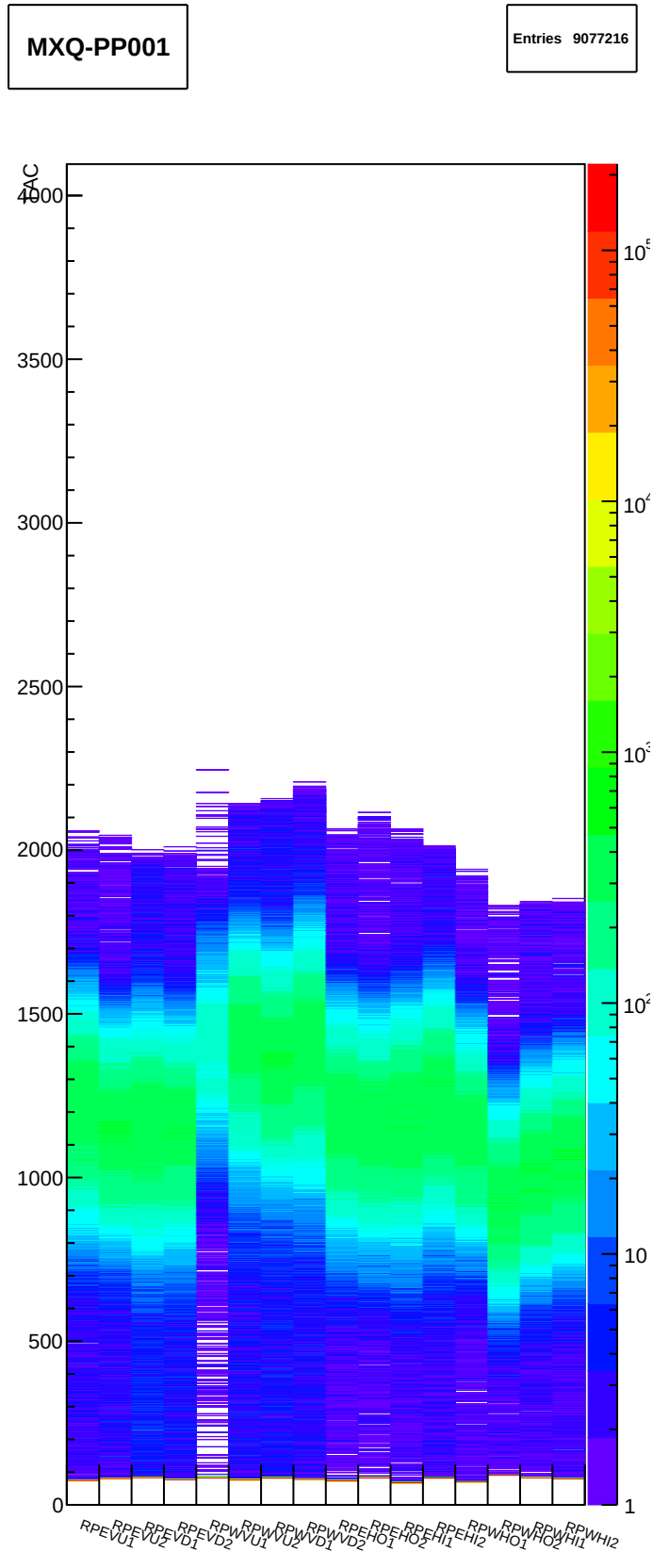

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1134652
TAC sum
1st-Best
2nd-Best
ID

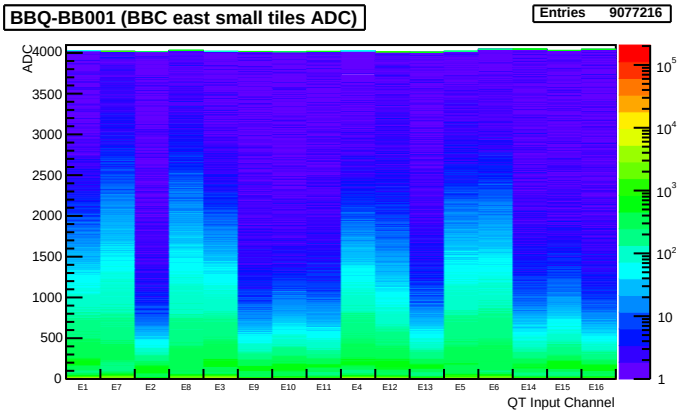

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1134652
TAC sum
1st-Best
2nd-Best
ID

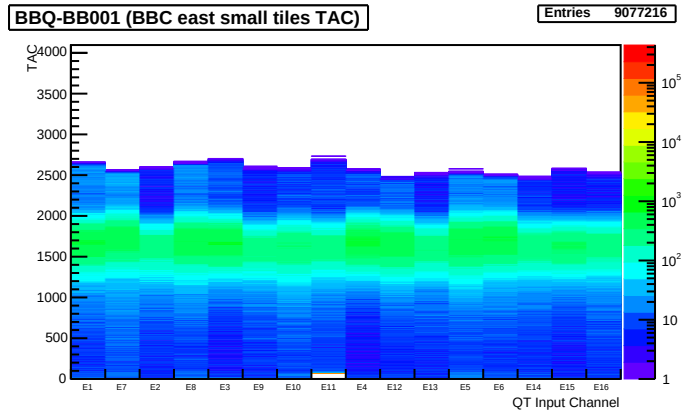

MIX-MT101 Input: VP003 Max TAC
Entries 567326

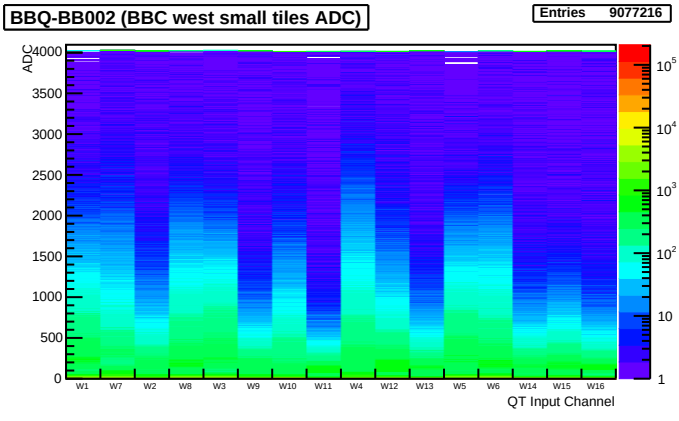

MIX-MT101 Input: VP004 Max TAC
Entries 567326

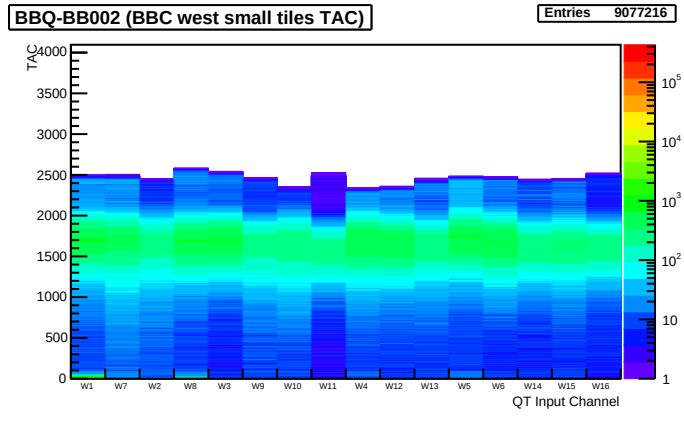

MXQ-PP001
Entries 9077216
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

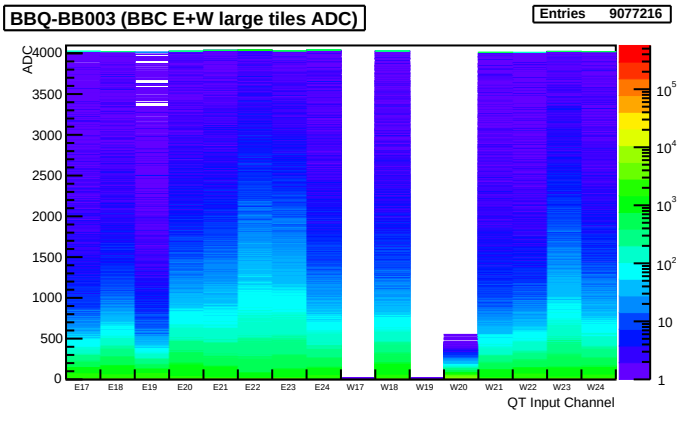

MXQ-PP001
Entries 9077216
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

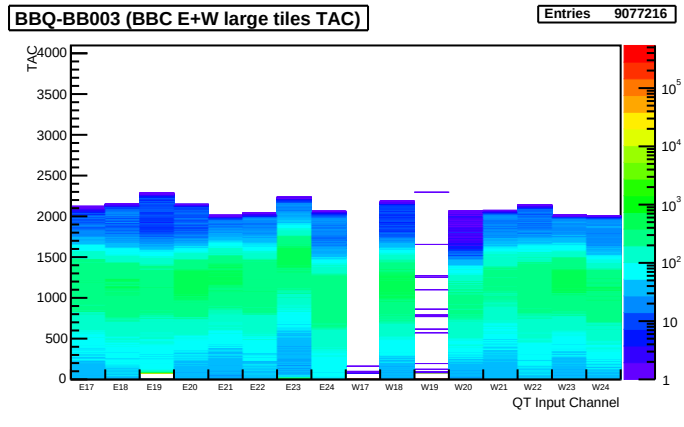

BBQ-BB001 (BBC east small tiles ADC)
Entries 9077216
ADC
QT Input Channel

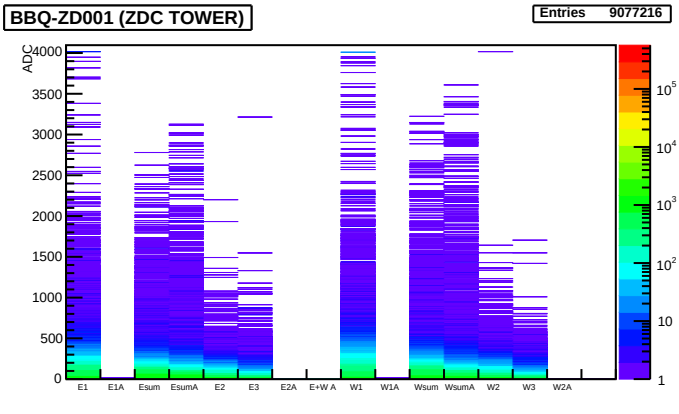

BBQ-BB001 (BBC east small tiles TAC)
Entries 9077216
TAC
QT Input Channel

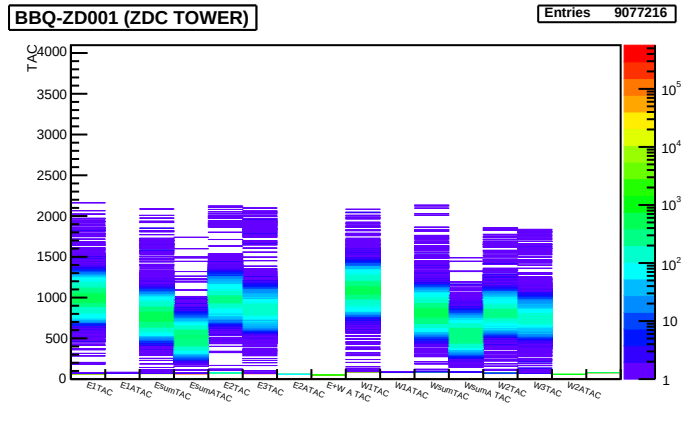

BBQ-BB002 (BBC west small tiles ADC)
Entries 9077216
ADC
QT Input Channel

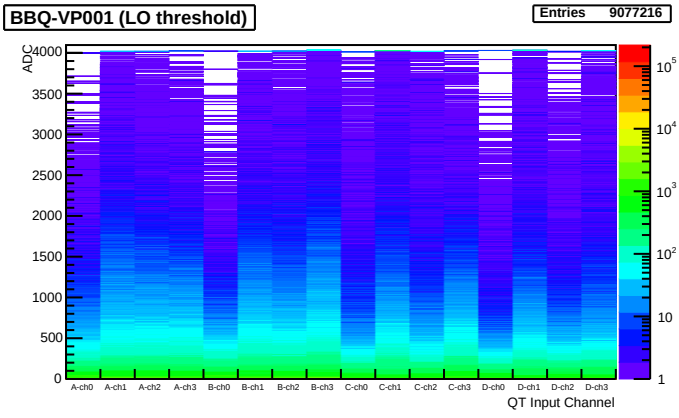

BBQ-BB002 (BBC west small tiles TAC)
Entries 9077216
TAC
QT Input Channel

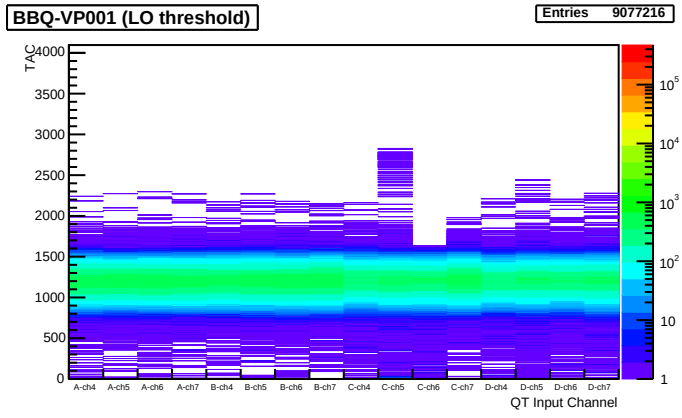

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9077216
ADC
QT Input Channel

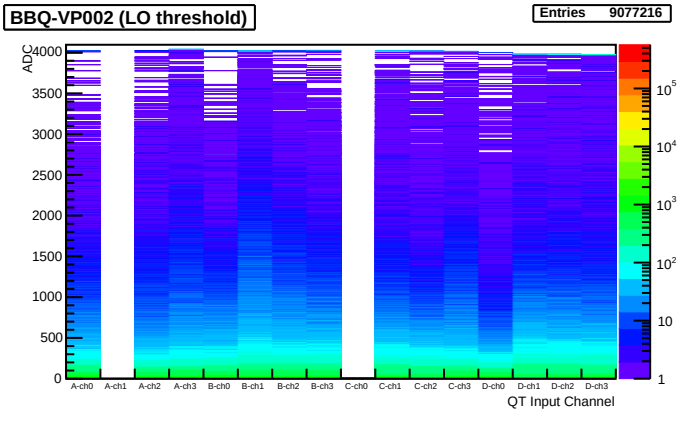

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9077216
TAC
QT Input Channel

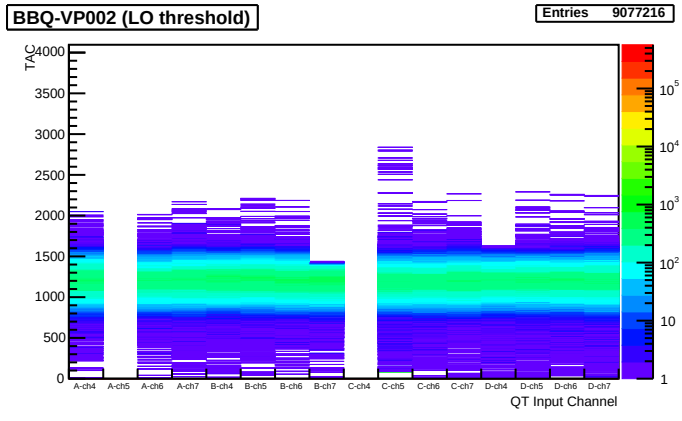

BBQ-ZD001 (ZDC TOWER)
Entries 9077216
ADC

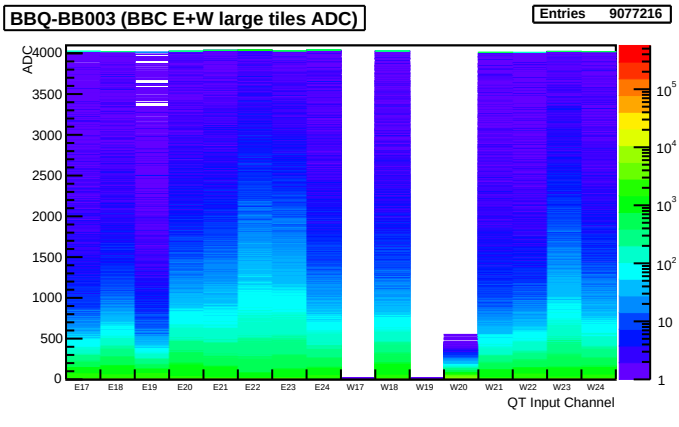

BBQ-ZD001 (ZDC TOWER)
Entries 9077216
TAC

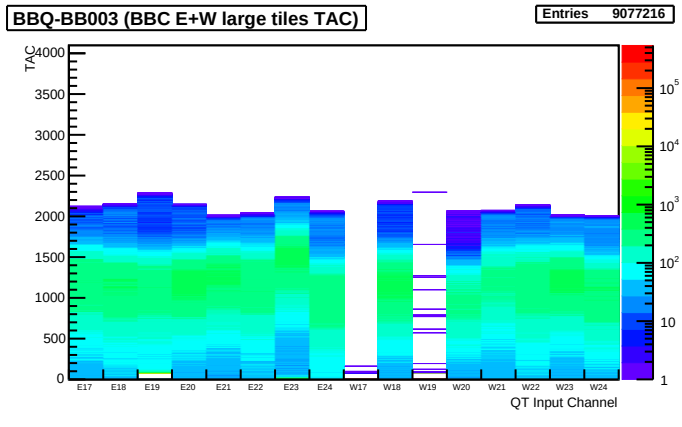

BBQ-VP001 (LO threshold)
Entries 9077216
ADC
QT Input Channel

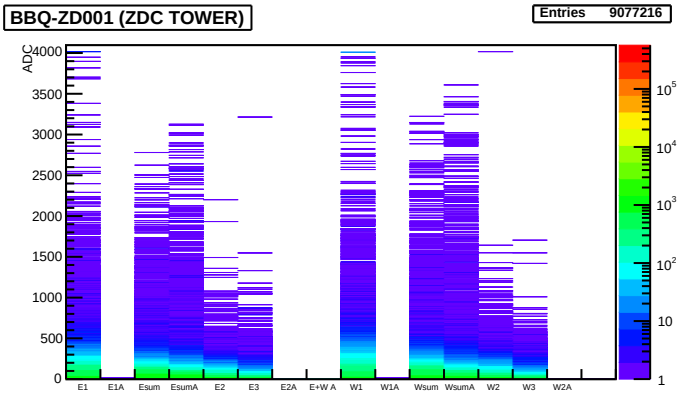

BBQ-VP001 (LO threshold)
Entries 9077216
TAC
QT Input Channel

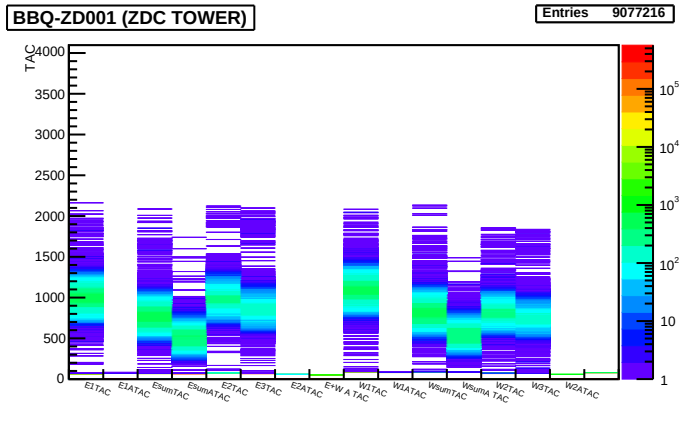

BBQ-VP002 (LO threshold)
Entries 9077216
ADC
QT Input Channel

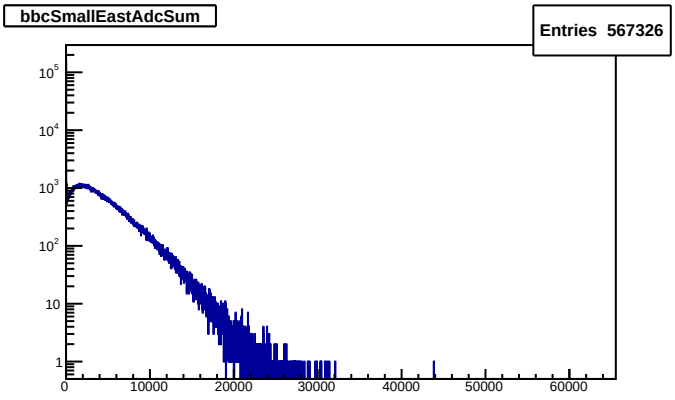

BBQ-VP002 (LO threshold)
Entries 9077216
TAC
QT Input Channel

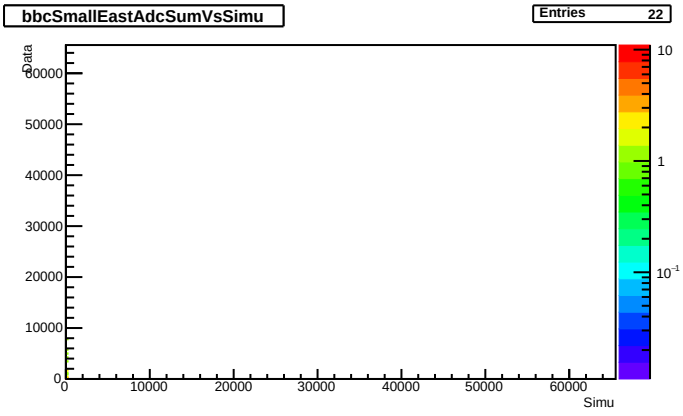

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9077216
ADC
QT Input Channel

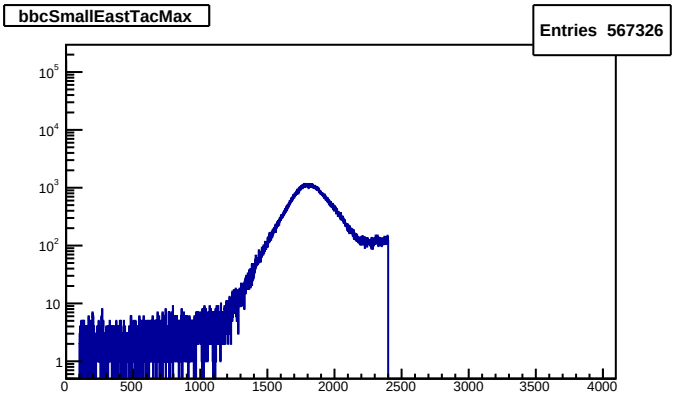

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9077216
TAC
QT Input Channel

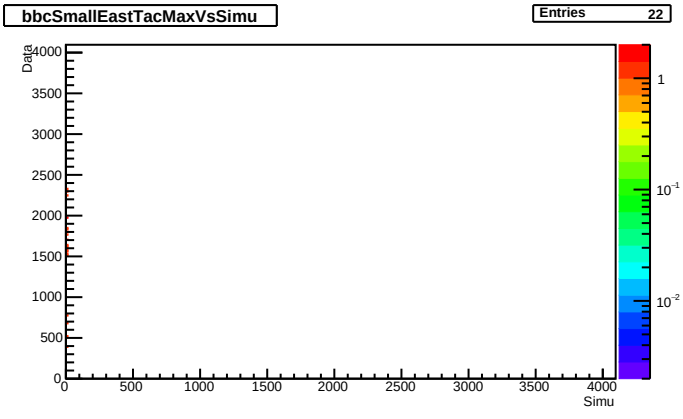

BBQ-ZD001 (ZDC TOWER)
Entries 9077216
ADC

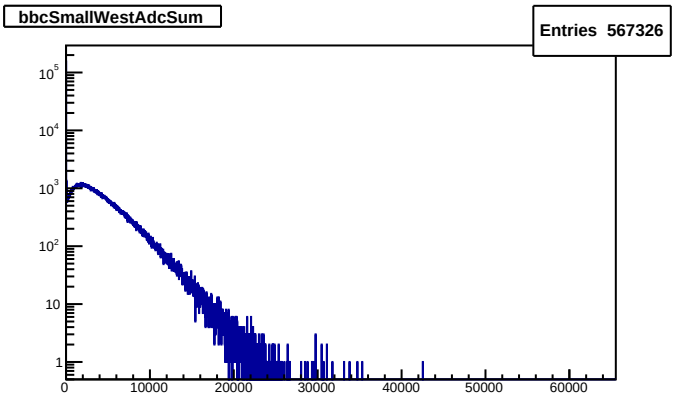

BBQ-ZD001 (ZDC TOWER)
Entries 9077216
TAC

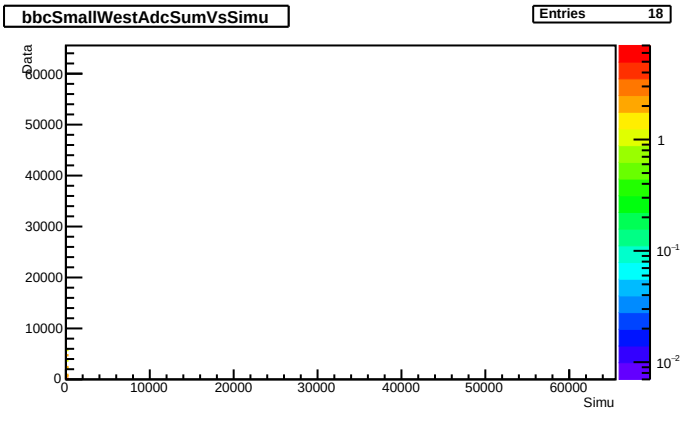

bbcSmallEastAdcSum
Entries 567326

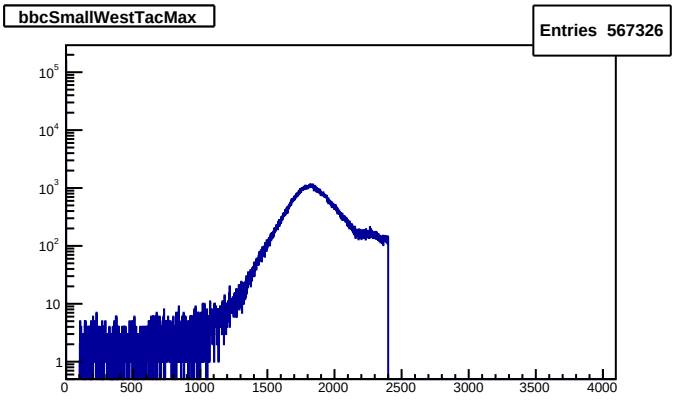

bbcSmallEastAdcSumVsSimu
Entries 22
Data
Simu

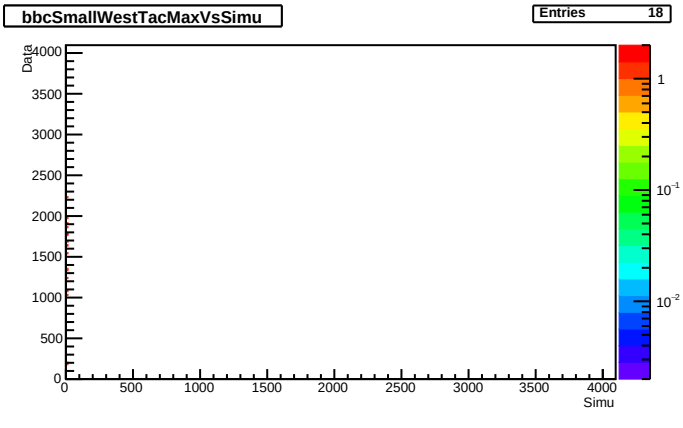

bbcSmallEastTacMax
Entries 567326

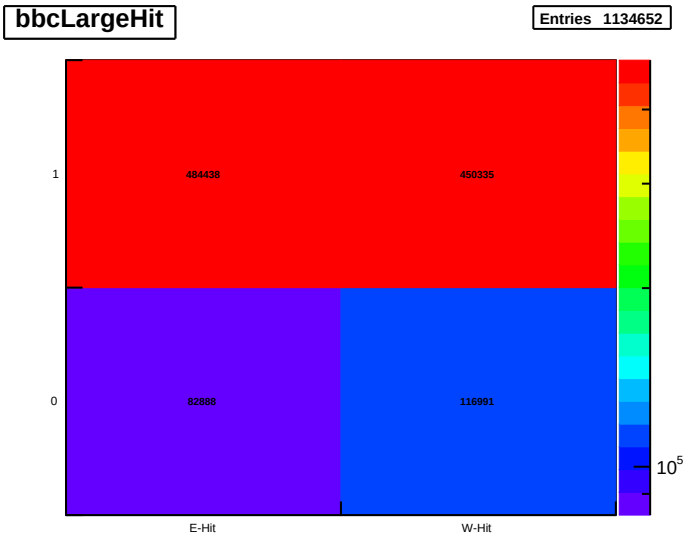

bbcSmallEastTacMaxVsSimu
Entries 22
Data
Simu

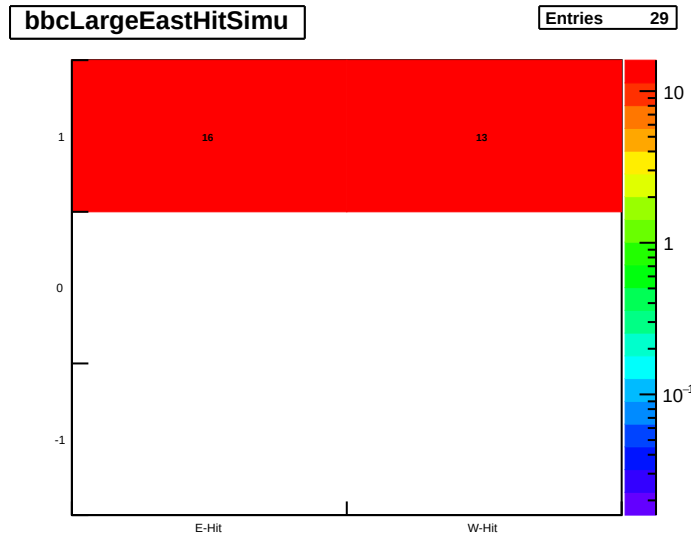

bbcSmallWestAdcSum
Entries 567326

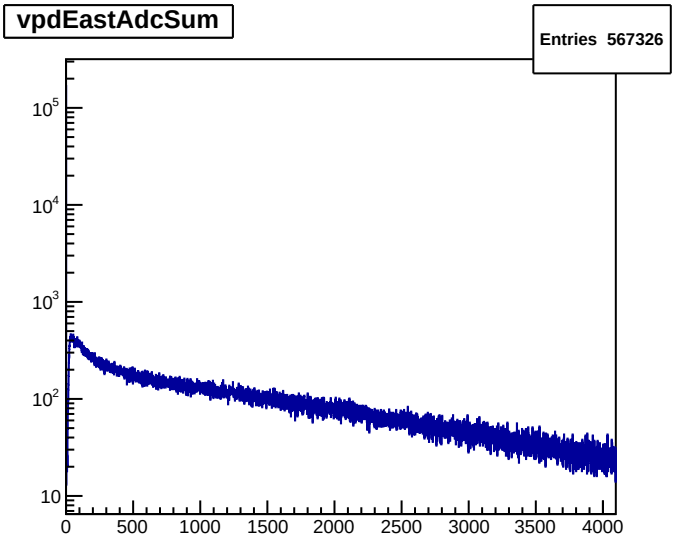

bbcSmallWestAdcSumVsSimu
Entries 18
Data
Simu

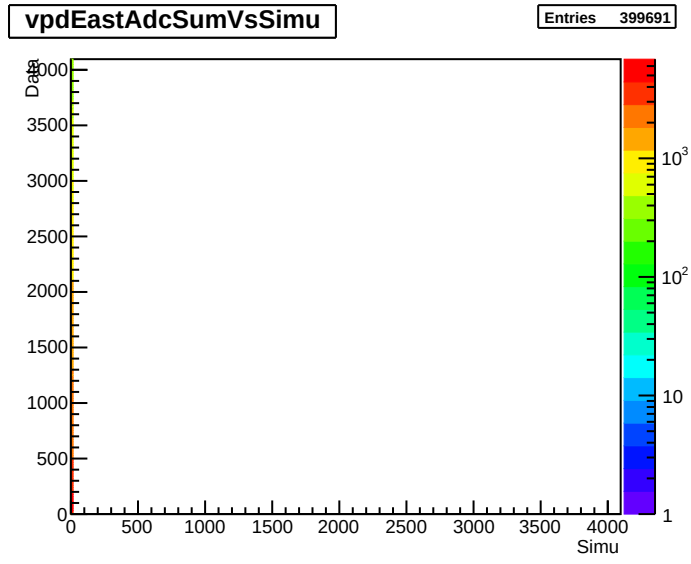

bbcSmallWestTacMax
Entries 567326

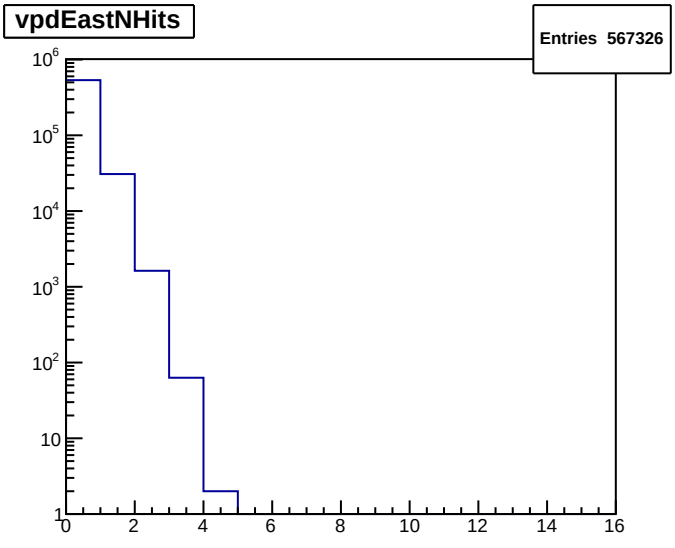

bbcSmallWestTacMaxVsSimu
Entries 18
Data
Simu

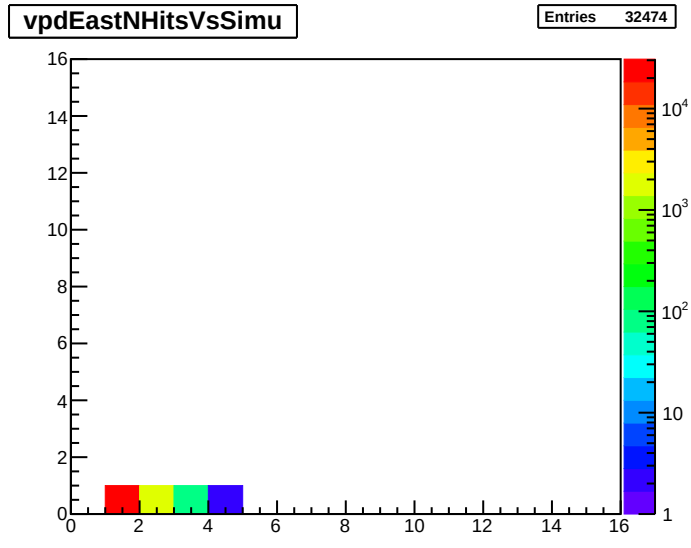

bbcLargeHit
Entries 1134652
1
0
484438
450335
82888
116991
E-Hit
W-Hit
10^5

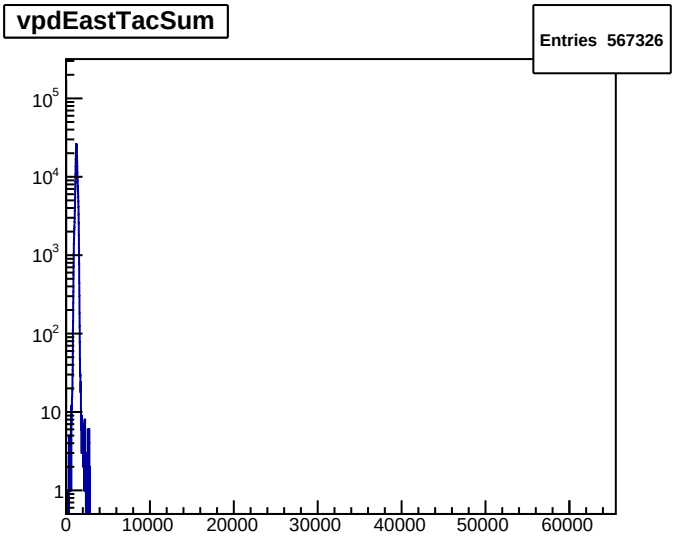

bbcLargeEastHitSimu
Entries 29
1
0
-1
16
13
E-Hit
W-Hit
10
1
10^{-1}

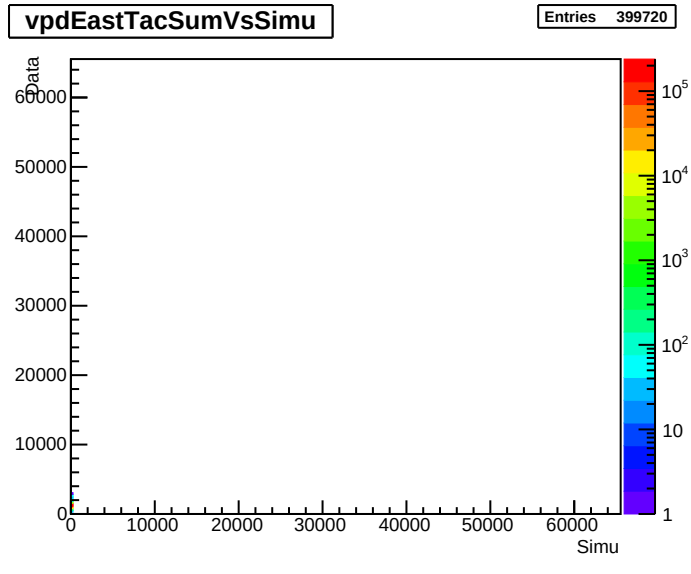

vpdEastAdcSum
Entries 567326

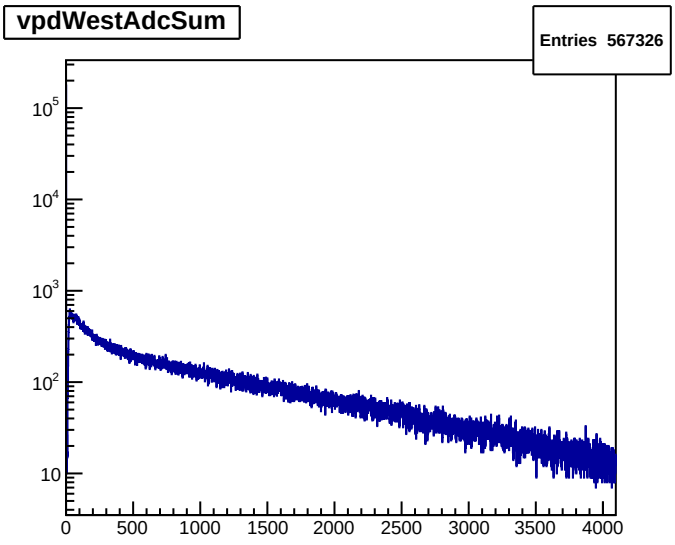

vpdEastAdcSumVsSimu
Entries 399691
Data
Simu

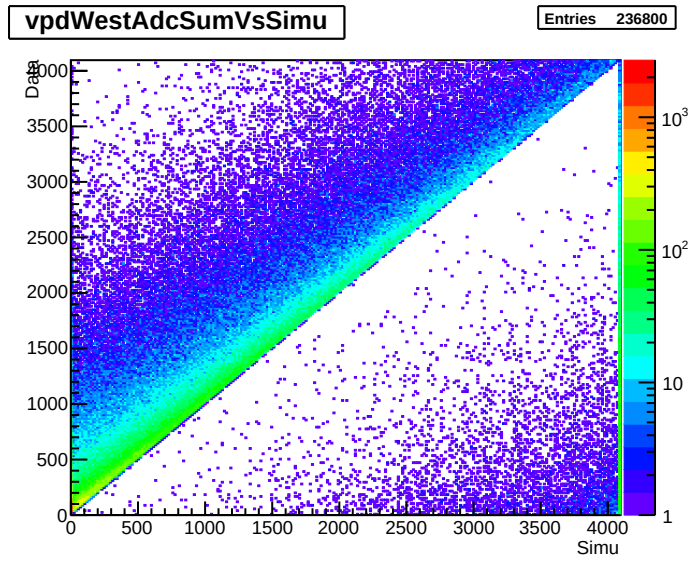

vpdEastNHits
Entries 567326

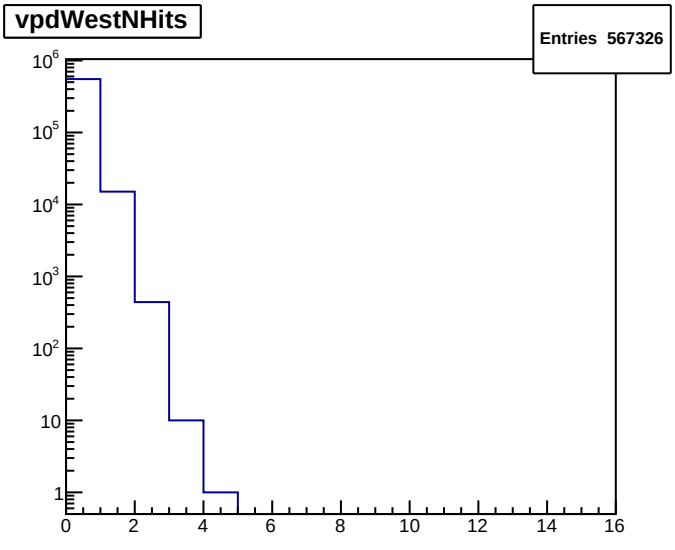

vpdEastNHitsVsSimu
Entries 32474

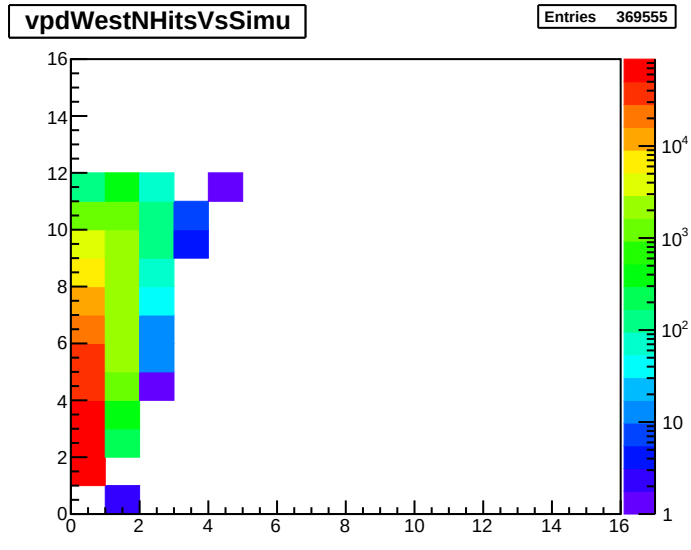

vpdEastTacSum
Entries 567326

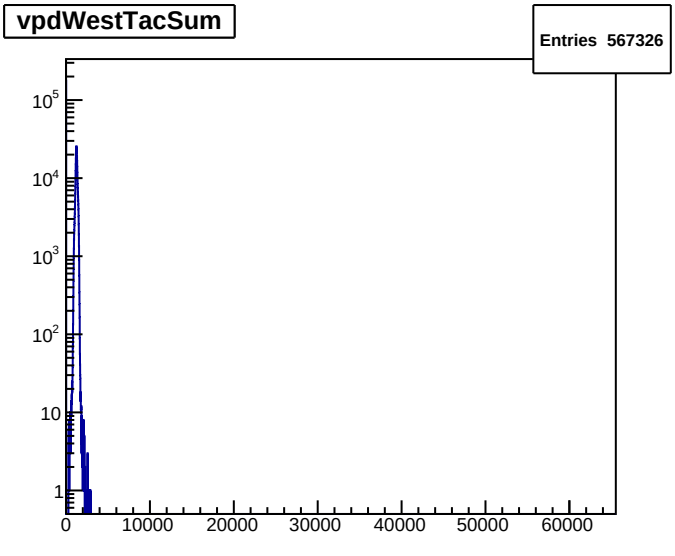

vpdEastTacSumVsSimu
Entries 399720
Data
Simu

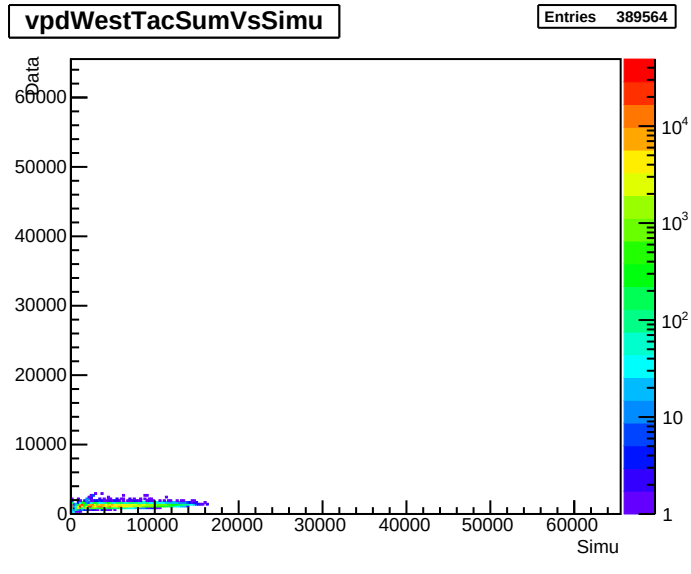

vpdWestAdcSum
Entries 567326

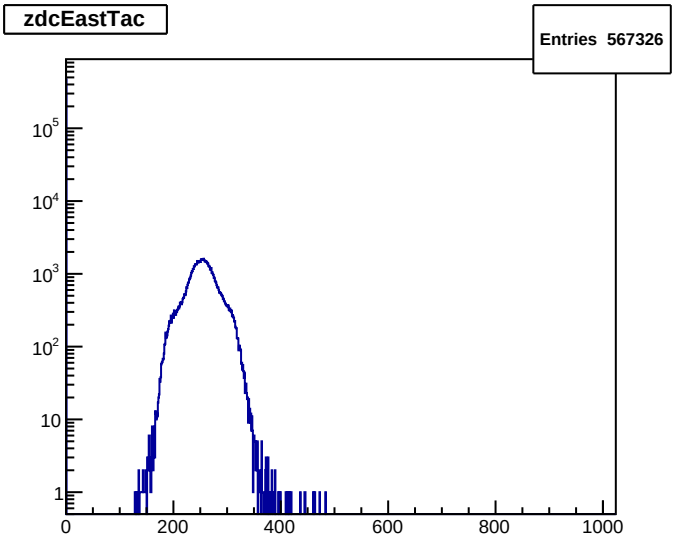

vpdWestAdcSumVsSimu
Entries 236800
Data
Simu

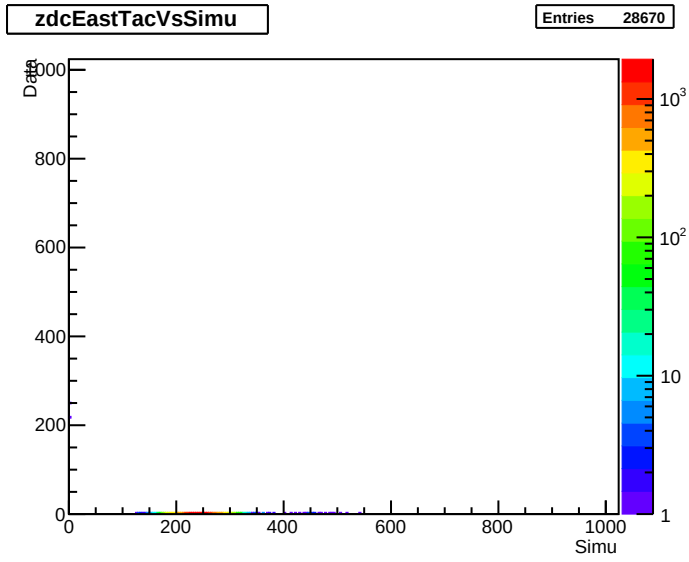

vpdWestNHits
Entries 567326

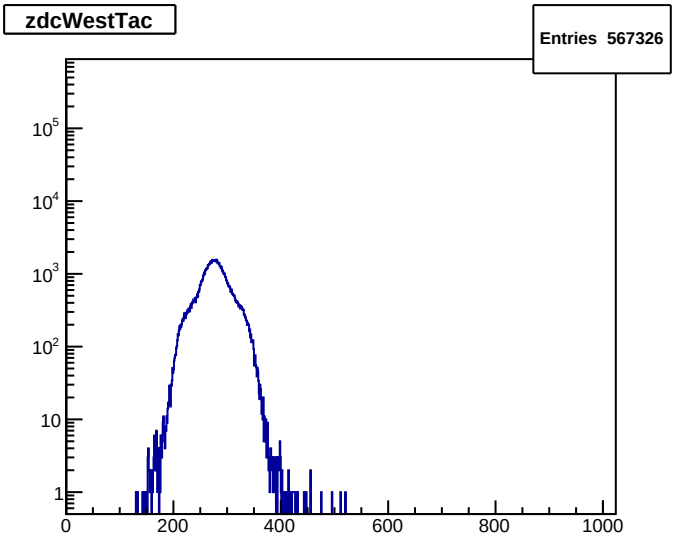

vpdWestNHitsVsSimu
Entries 369555

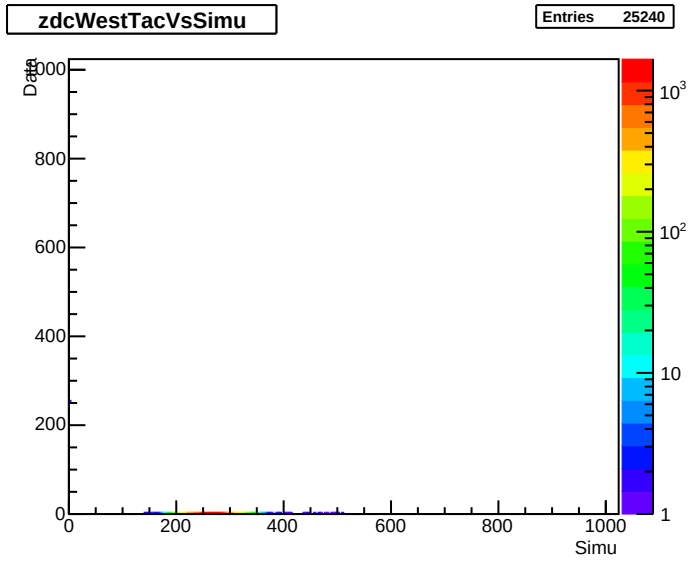

vpdWestTacSum
Entries 567326

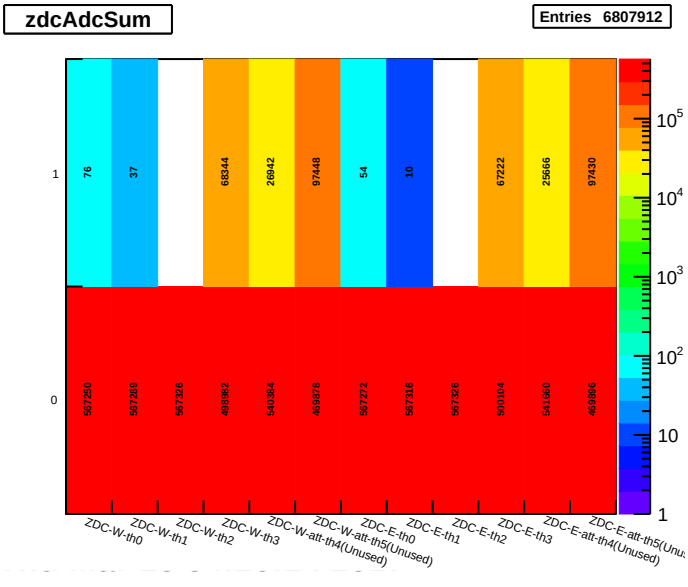

vpdWestTacSumVsSimu
Entries 389564
Data
Simu

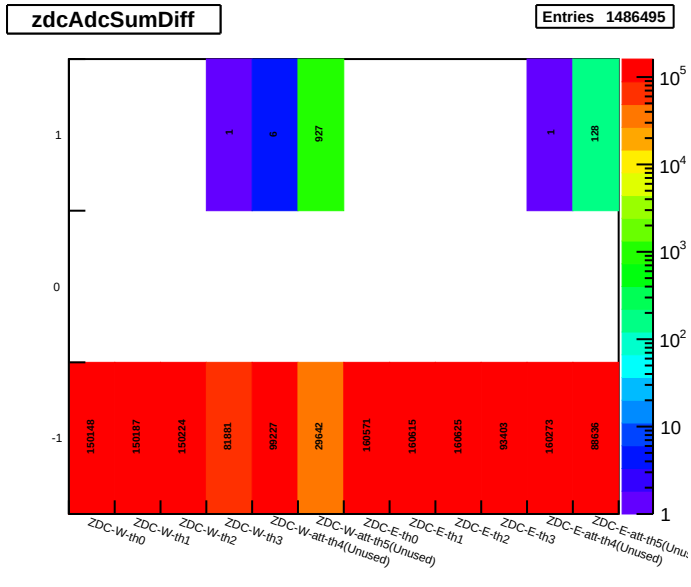

zdcEastTac
Entries 567326

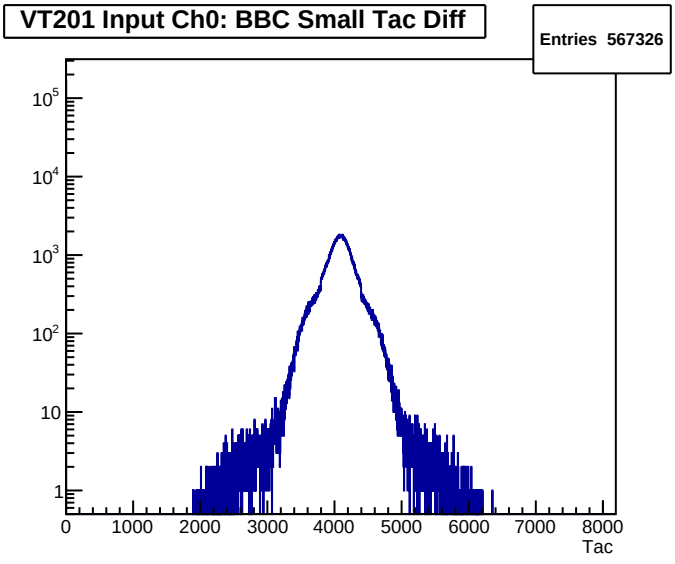

zdcEastTacVsSimu
Entries 28670
Data
Simu

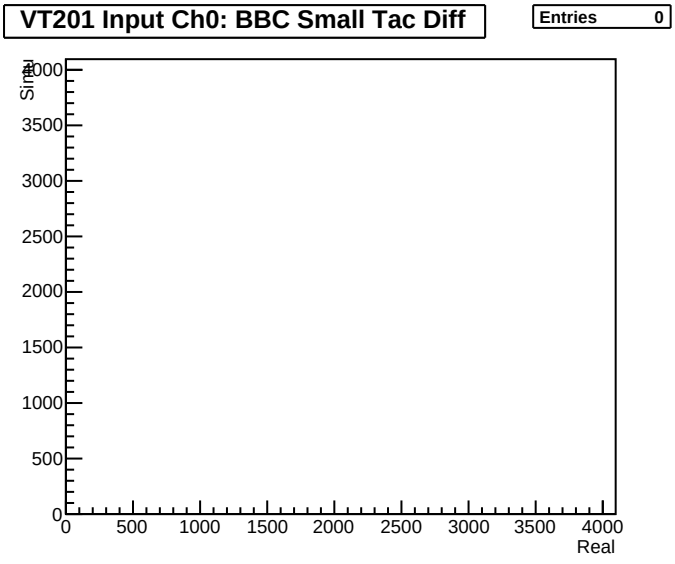

zdcWestTac
Entries 567326

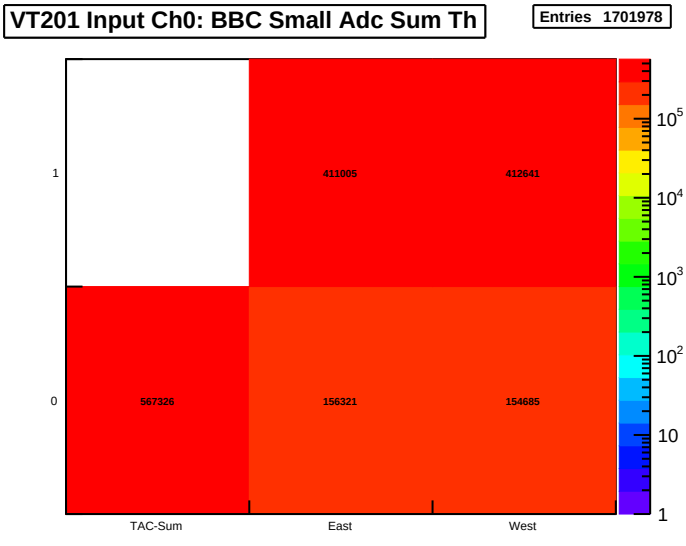

zdcWestTacVsSimu
Entries 25240
Data
Simu

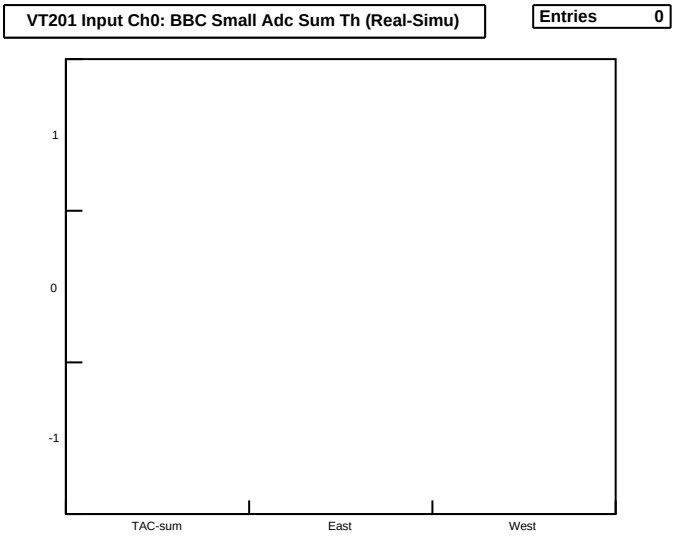

zdcAdcSum
Entries 6807912
76
37
68344
26942
97448
54
10
67222
25666
97430
567250
567289
567326
498982
540384
469878
567272
567216
567326
500104
541660
469886
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

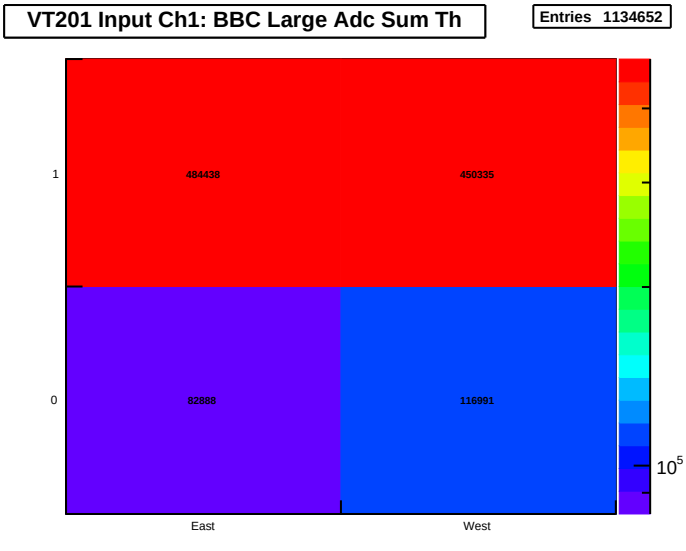

zdcAdcSumDiff
Entries 1486495
1
6
927
1
128
150148
150187
150224
81881
99227
29642
160571
160615
160625
93403
160273
88636
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

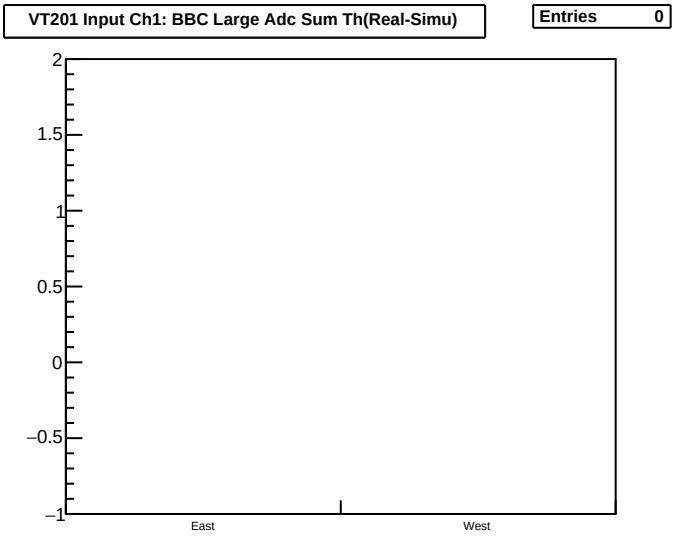

VT201 Input Ch0: BBC Small Tac Diff
Entries 567326
Tac


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

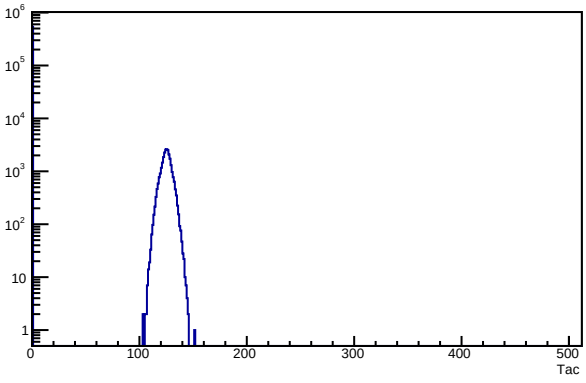

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1701978
411005
412641
567326
156321
154685
TAC-Sum
East
West


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

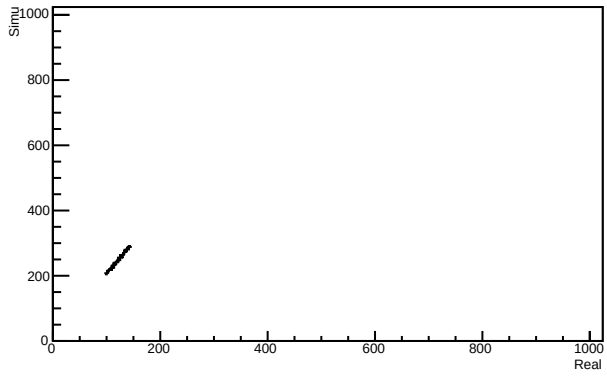

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1134652
484438
450335
82888
116991
East
West


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

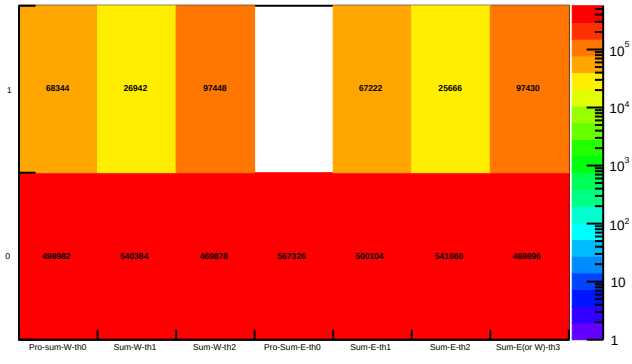
VT201 Input Ch2: ZDC Tac Diff



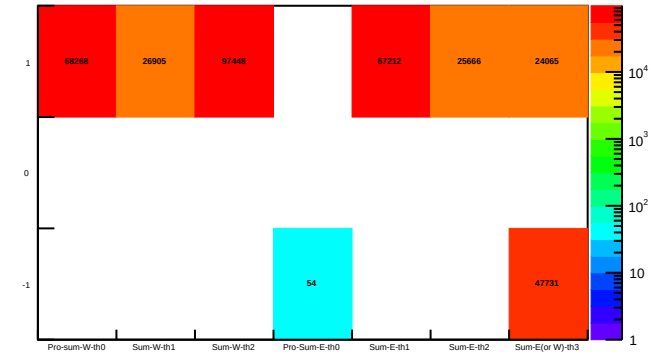
VT201 Input Ch2: ZDC Tac Diff



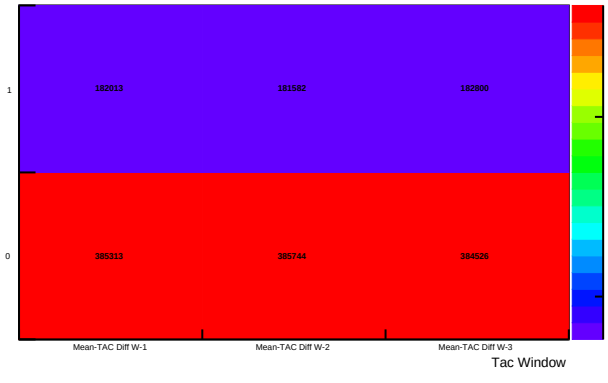
VT201 Input Ch2: ZDC Adc Sum Th



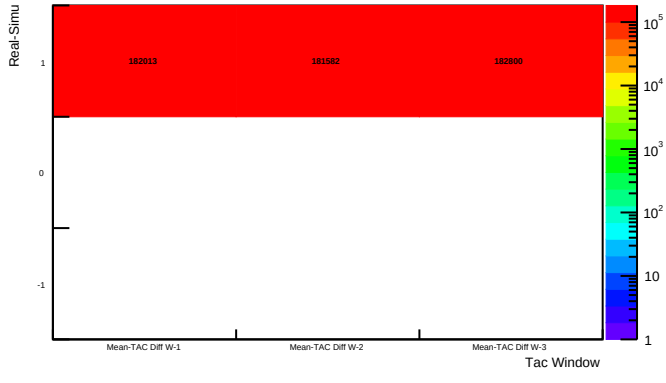
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



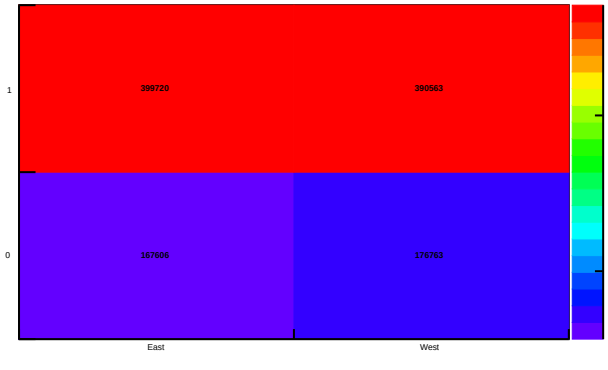
VT201 Input Ch4: VPD Tac Diff



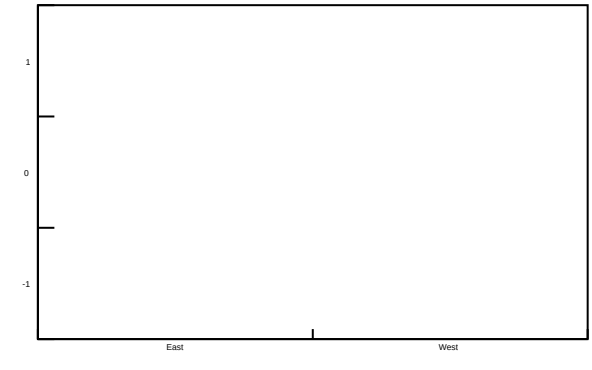
VT201 Input Ch4: VPD Tac Diff

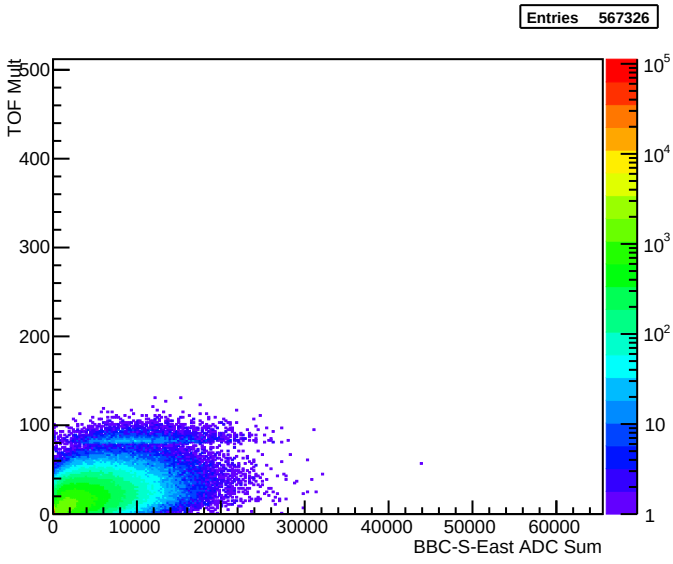


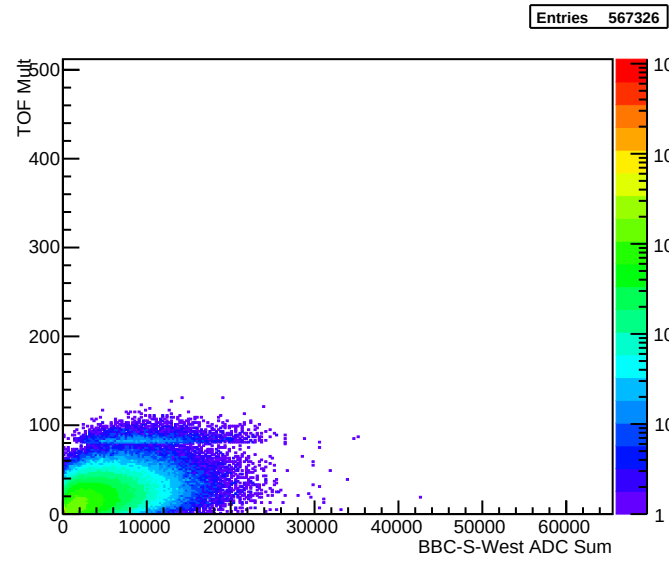
VT201 Input Ch4: VPD Adc Sum Th

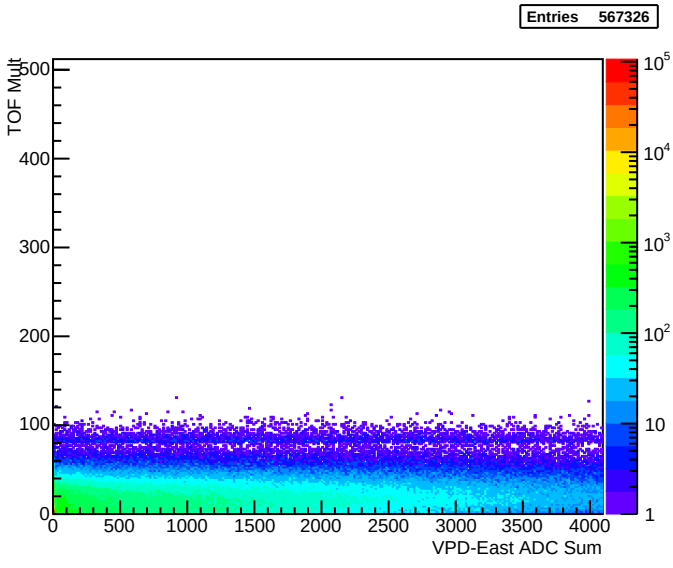


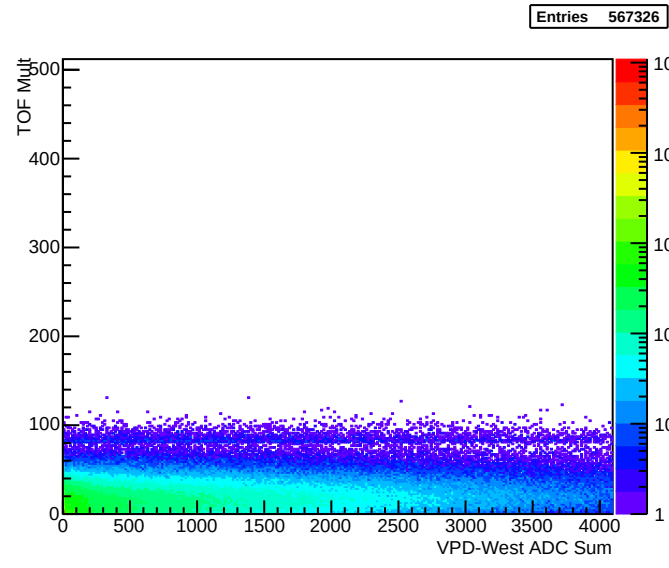
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

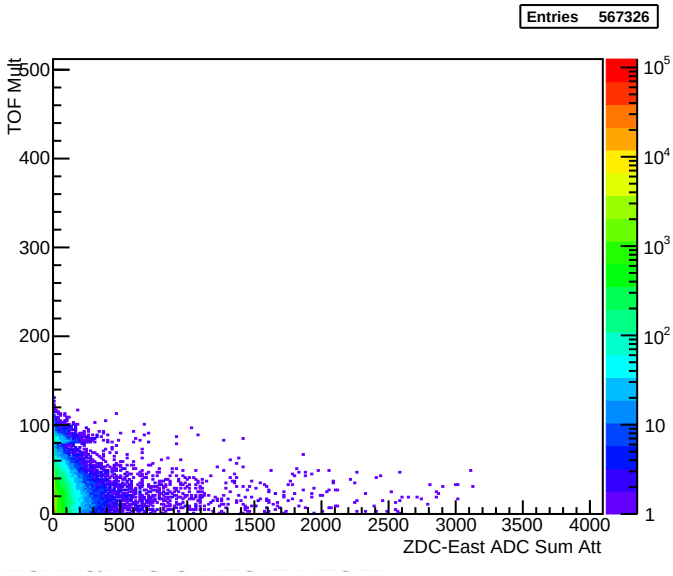


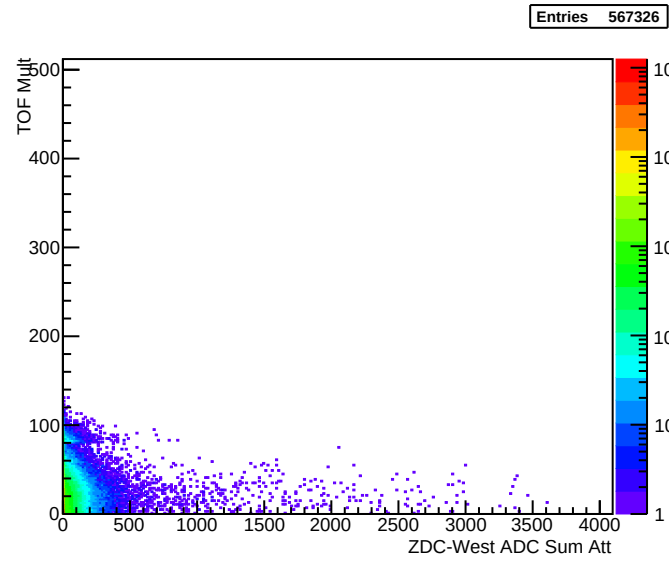

Entries 567326
TOF Mult
BBC-S-East ADC Sum

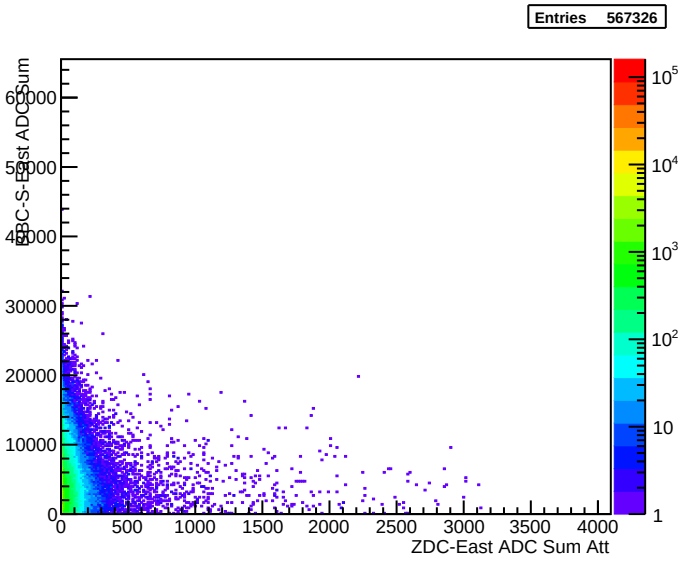

Entries 567326
TOF Mult
BBC-S-West ADC Sum

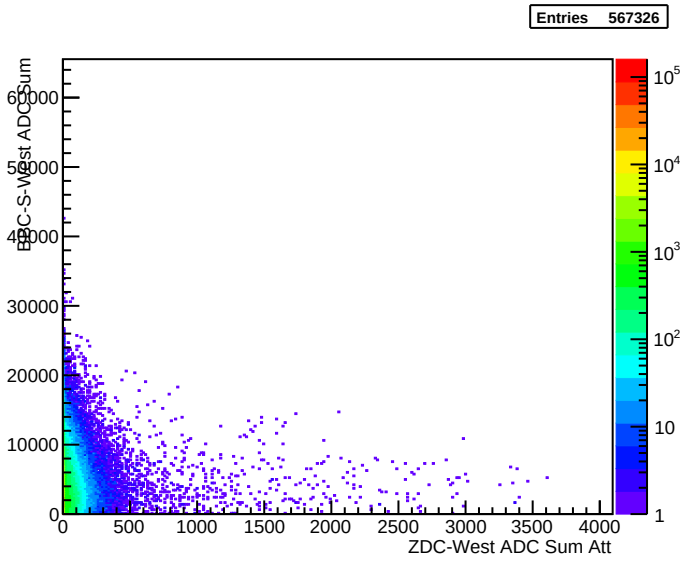

Entries 567326
TOF Mult
VPD-East ADC Sum

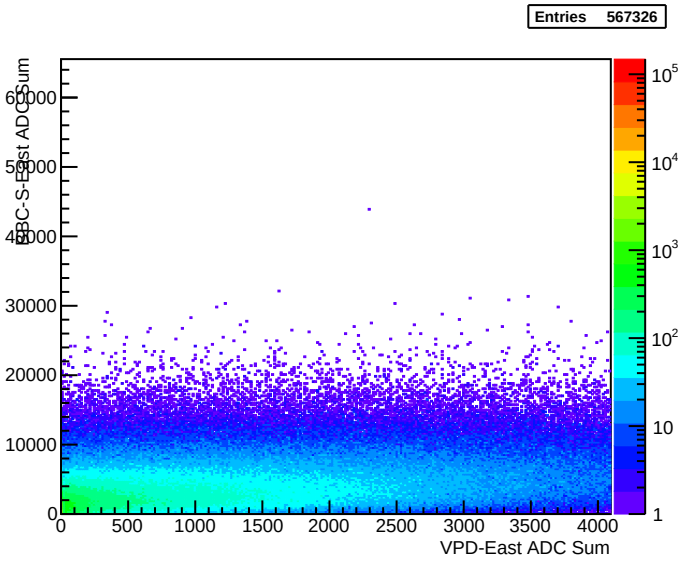

Entries 567326
TOF Mult
VPD-West ADC Sum

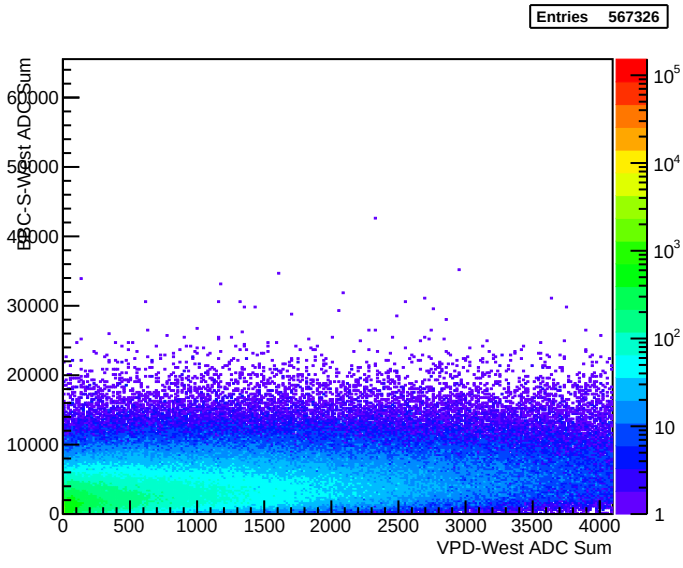

Entries 567326
TOF Mult
ZDC-East ADC Sum Att

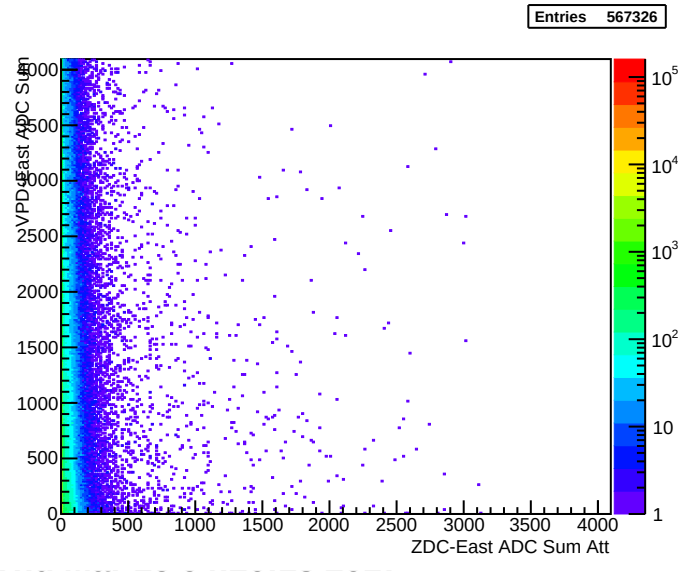

Entries 567326
TOF Mult
ZDC-West ADC Sum Att

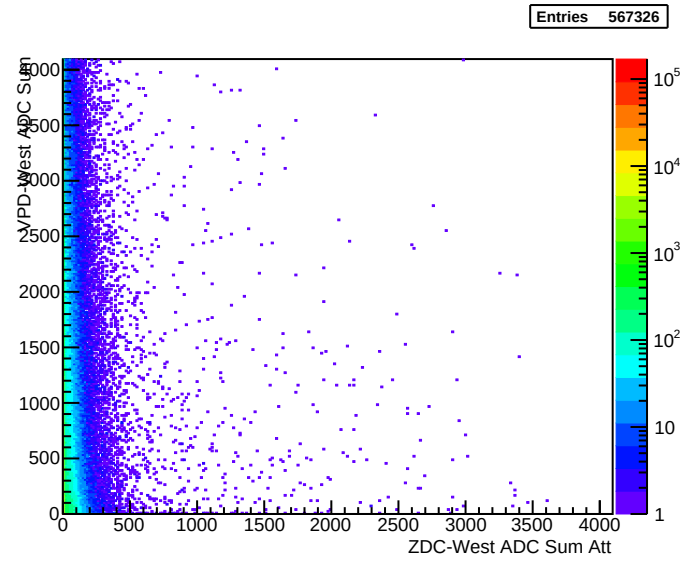

Entries 567326
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

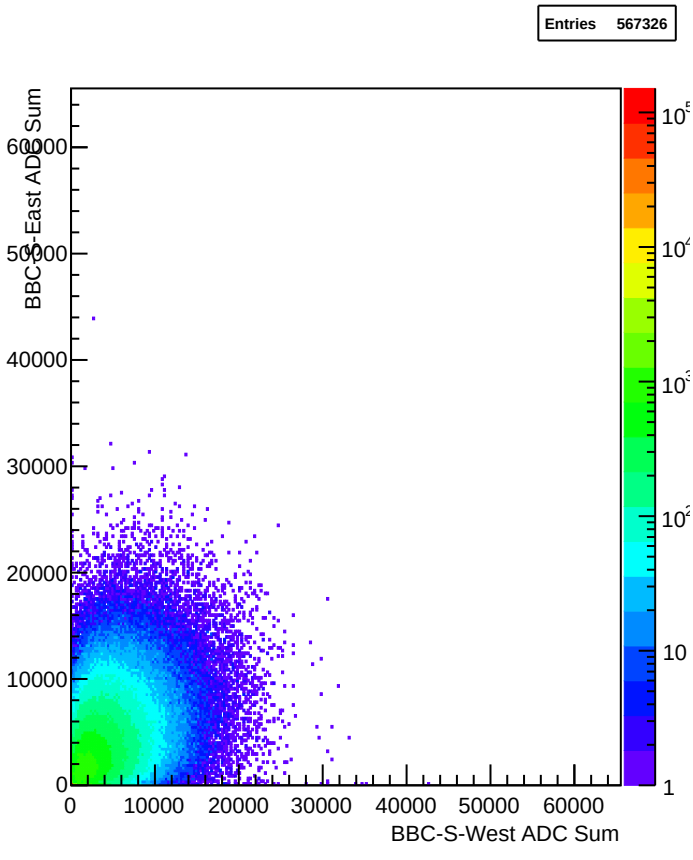

Entries 567326
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

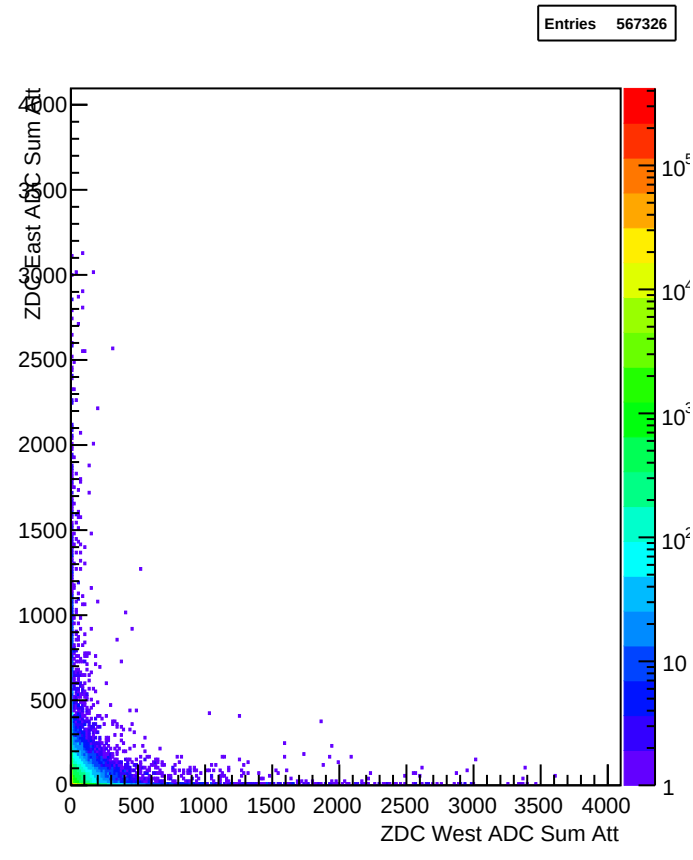

Entries 567326
BBC-S-East ADC Sum
VPD-East ADC Sum

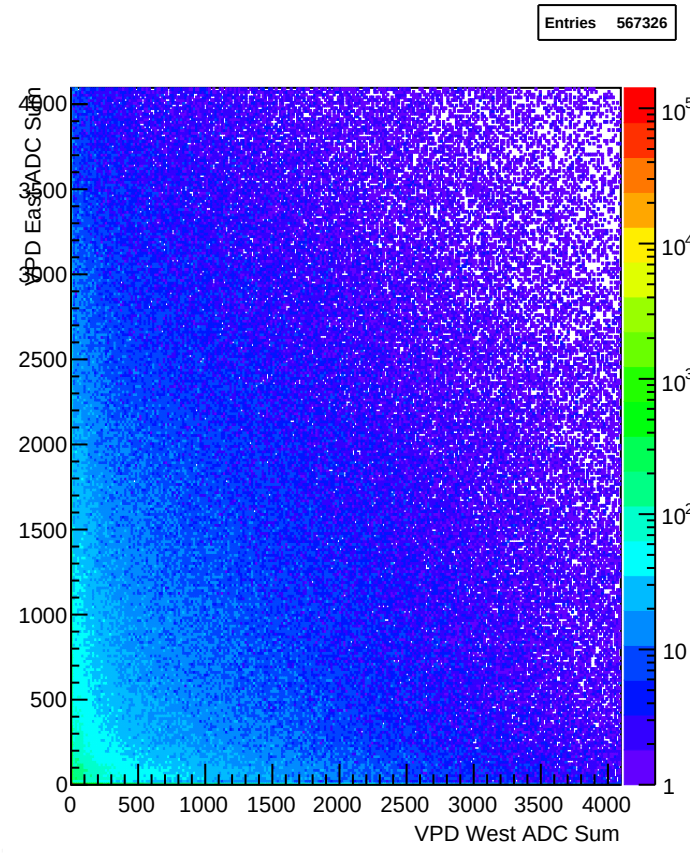

Entries 567326
BBC-S-West ADC Sum
VPD-West ADC Sum

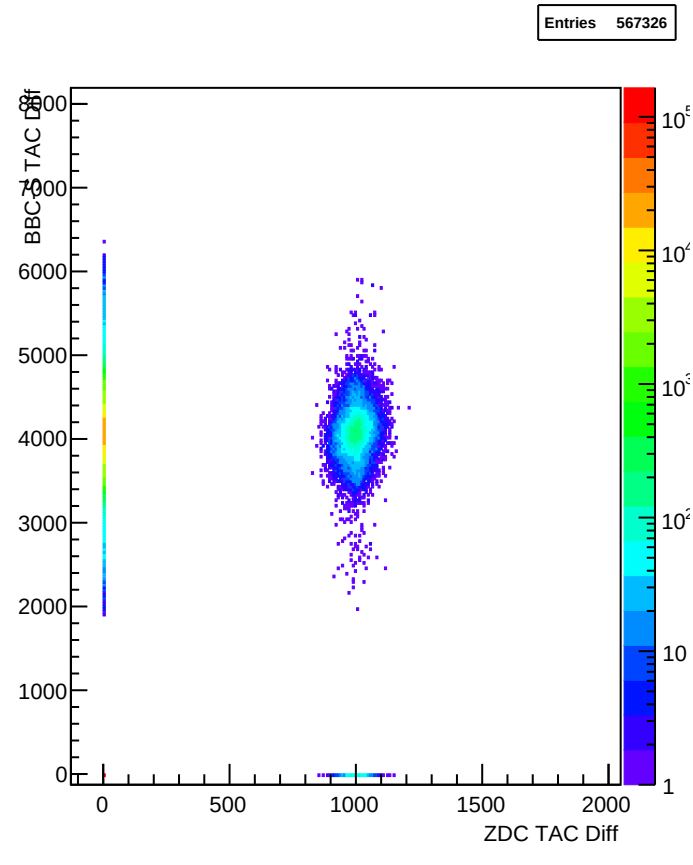

Entries 567326
VPD-East ADC Sum
ZDC-East ADC Sum Att

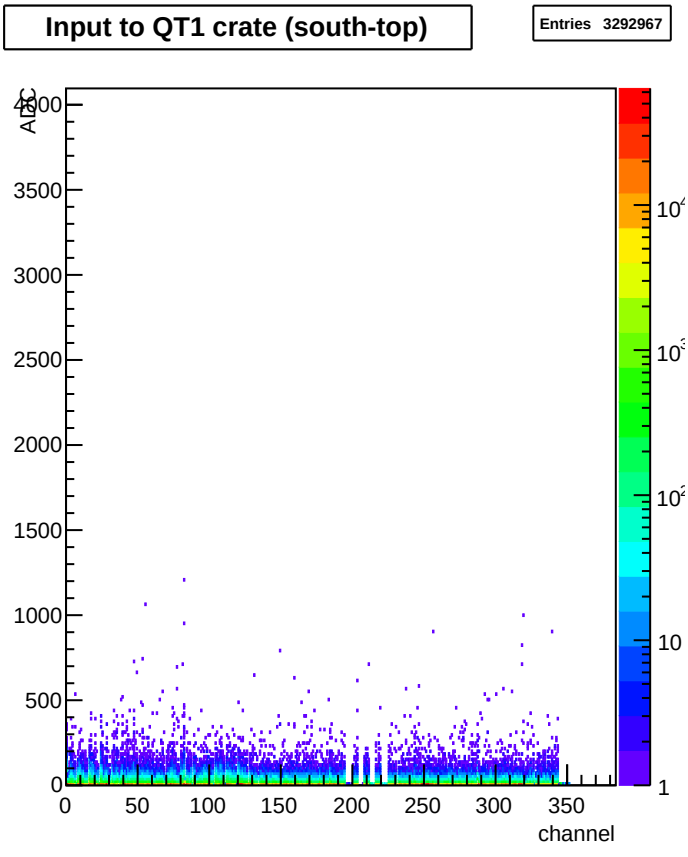

Entries 567326
VPD-West ADC Sum
ZDC-West ADC Sum Att

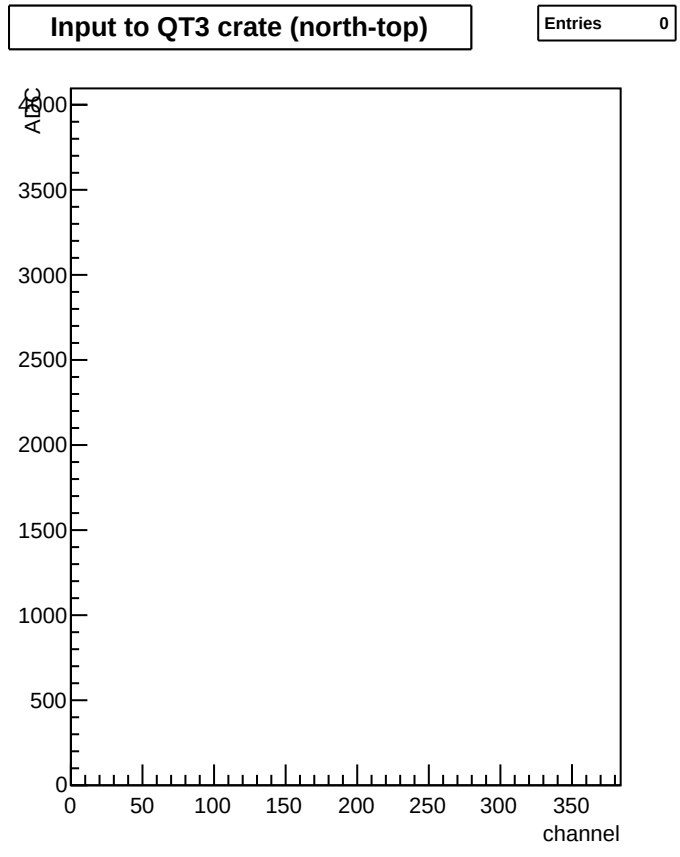

Entries 567326
BBC-S-East ADC Sum
BBC-S-West ADC Sum

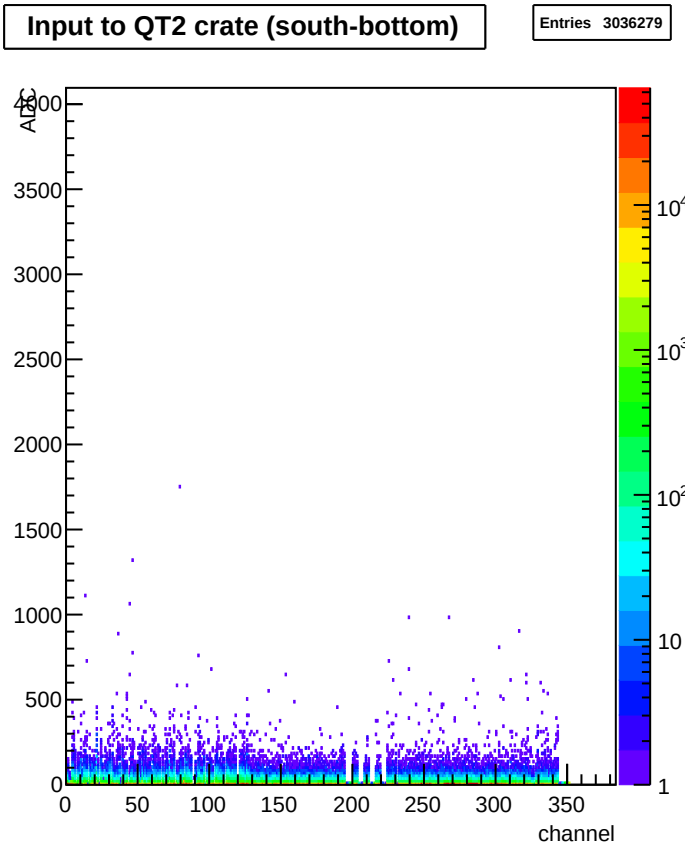

Entries 567326
ZDC East ADC Sum Att
ZDC West ADC Sum Att

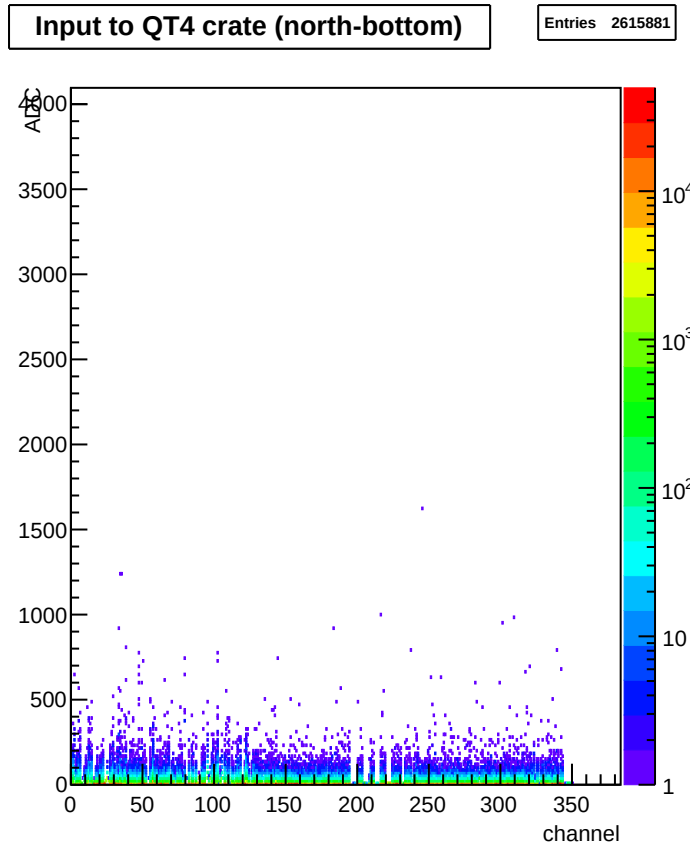

Entries 567326
VPD East ADC Sum
VPD West ADC Sum

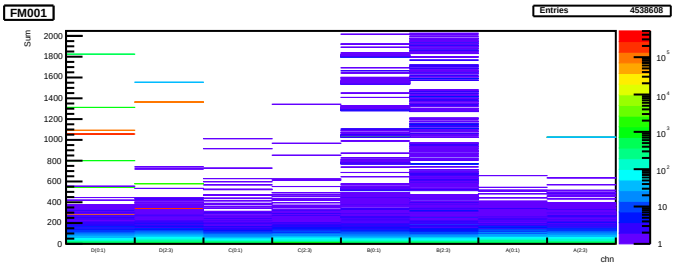

Entries 567326
BBC-S TAC Diff
ZDC TAC Diff

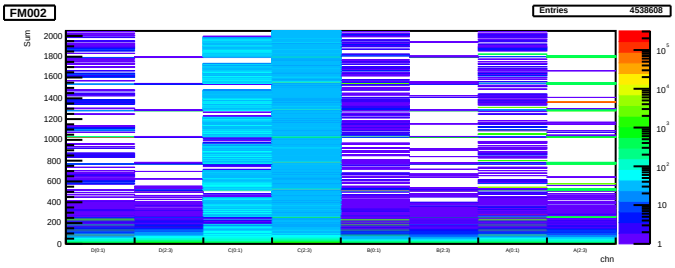

Input to QT1 crate (south-top)
Entries 3292967
ADC
channel

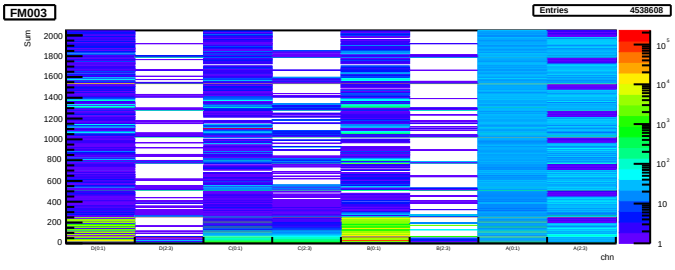

Input to QT3 crate (north-top)
Entries 0
ADC
channel

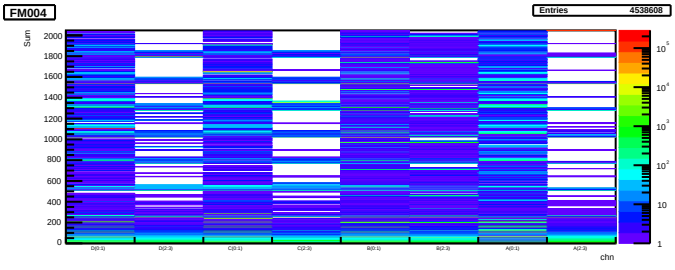

Input to QT2 crate (south-bottom)
Entries 3036279
ADC
channel

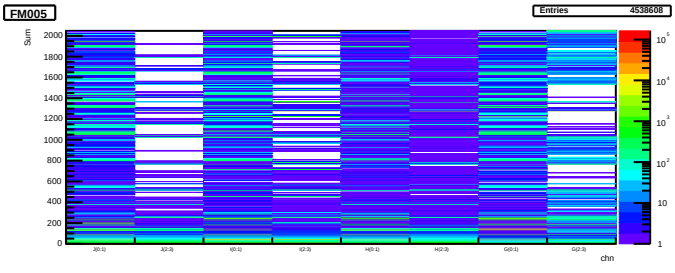

Input to QT4 crate (north-bottom)
Entries 2615881
ADC
channel

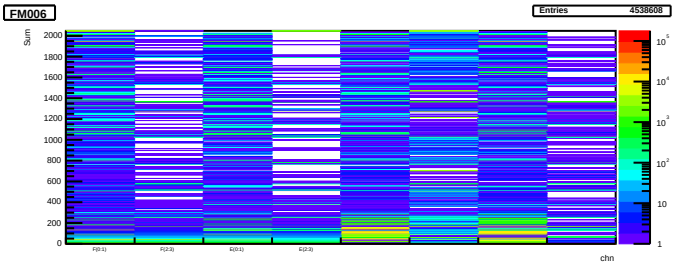

FM001
Entries 4538608
Sum
chn

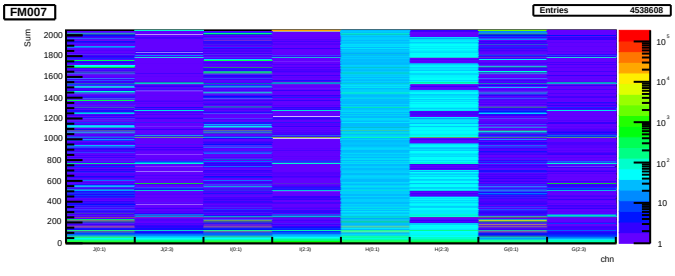

FM002
Entries 4538608
Sum
chn

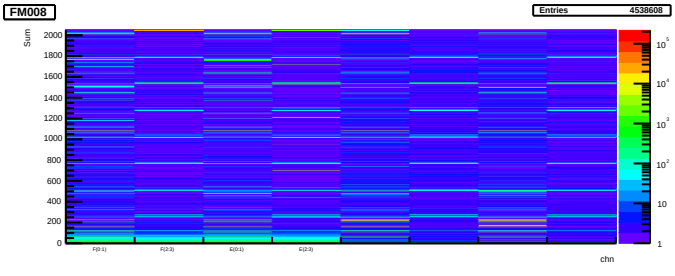

FM003
Entries 4538608
Sum
chn

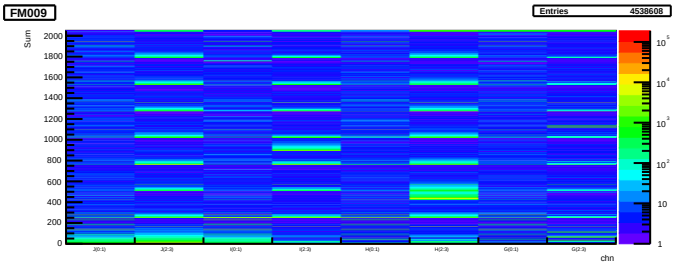

FM004
Entries 4538608
Sum
chn


FM005
Entries 4538608
Sum
chn


FM006
Entries 4538608
Sum
chn


FM007
Entries 4538608
Sum
chn


FM008
Entries 4538608
Sum
chn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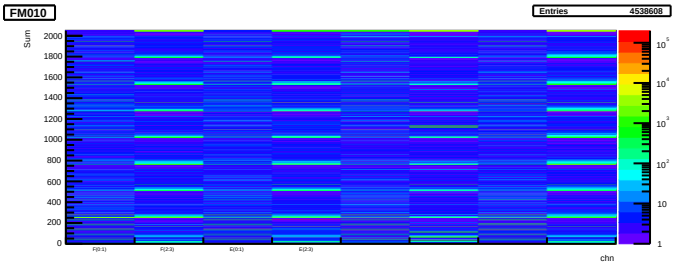
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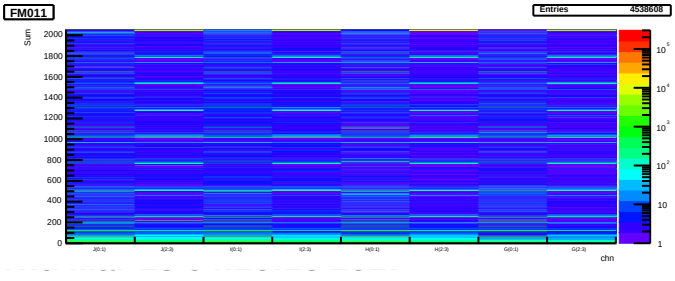
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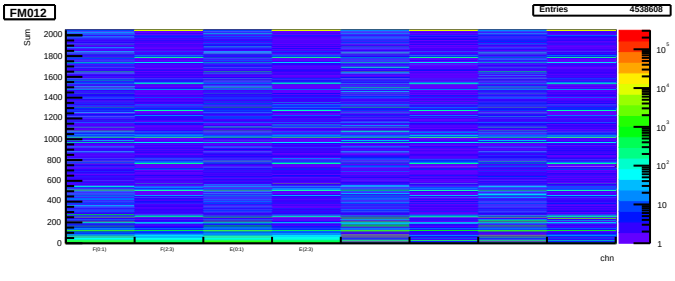
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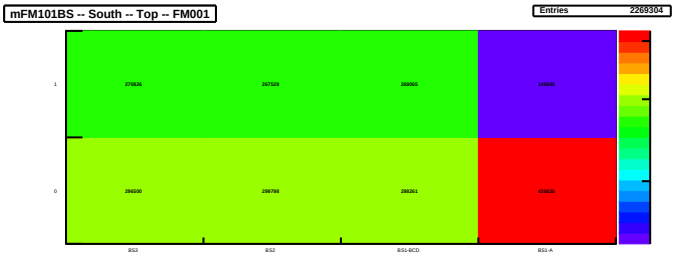
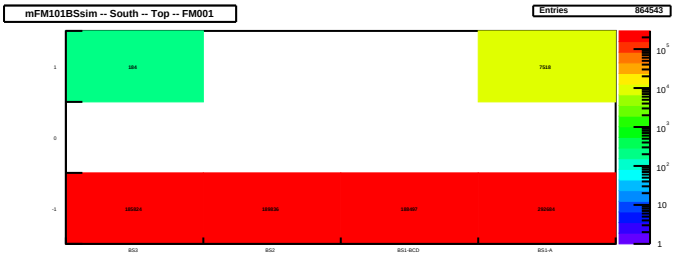

mFM101BS -- South -- Top -- FM001
Entries 2269304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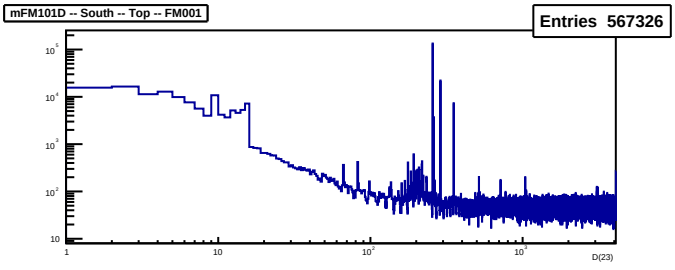
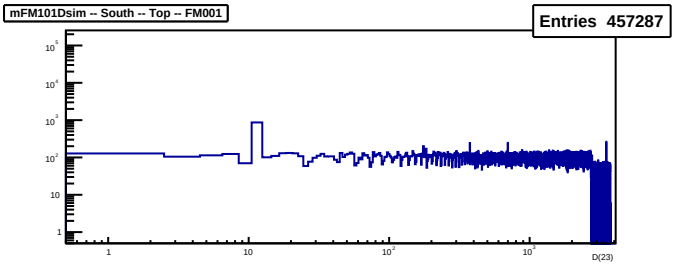

mFM101D -- South -- Top -- FM001
Entries 567326
D(23)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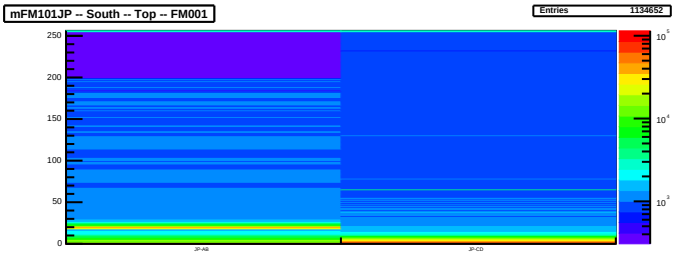
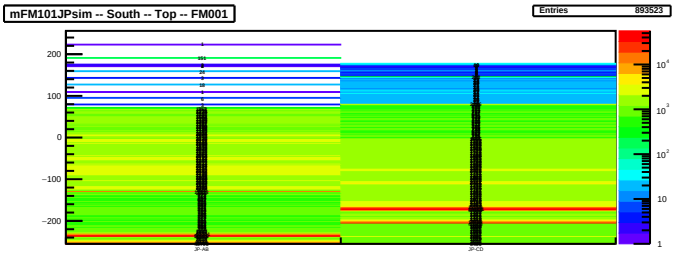

mFM101JP -- South -- Top -- FM001
Entries 1134652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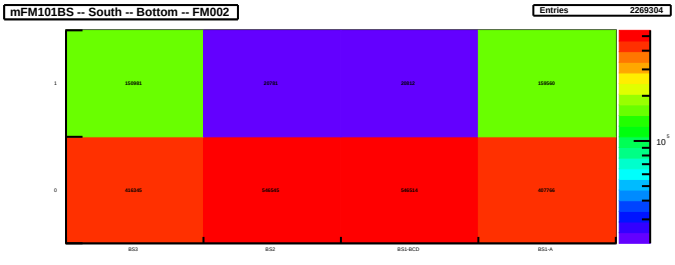
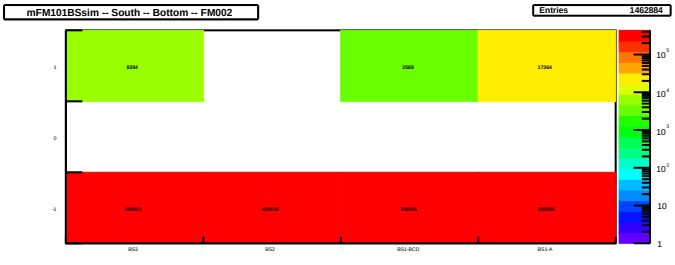

mFM101BS -- South -- Bottom -- FM002
Entries 2269304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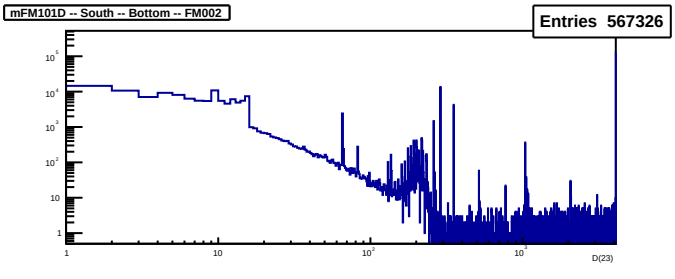
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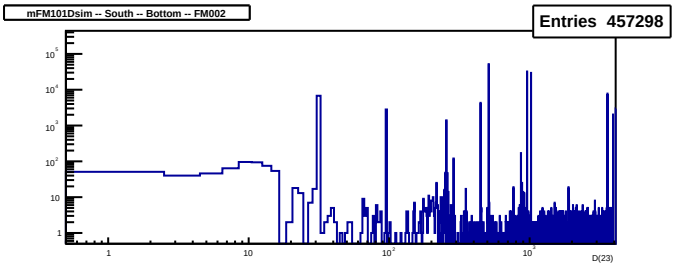
Entries 567326
D(23)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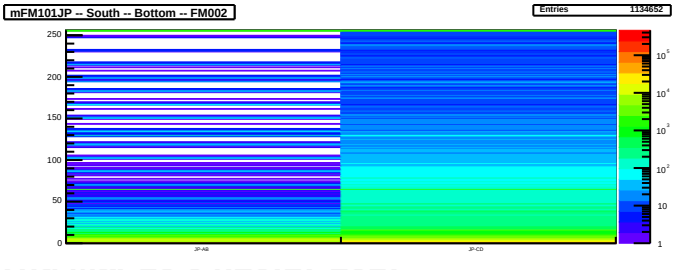
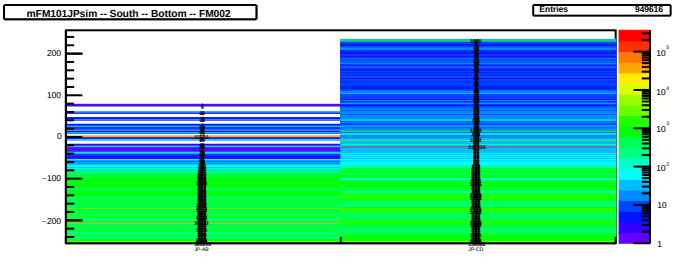
Entries 457298
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1134652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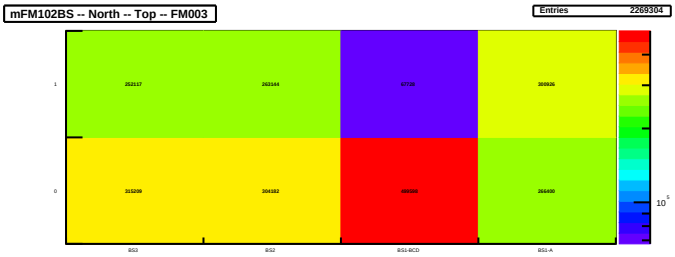
mFM102BS -- North -- Top -- FM003
Entries 2269304
BS3
BS2
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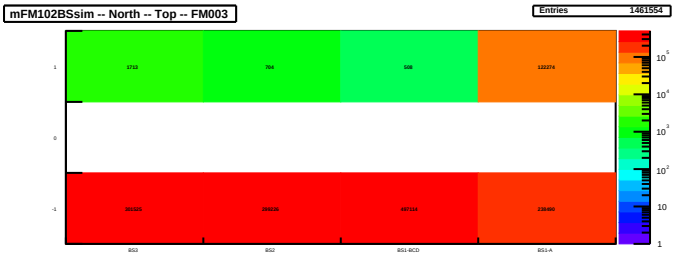
BS1-A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BS2
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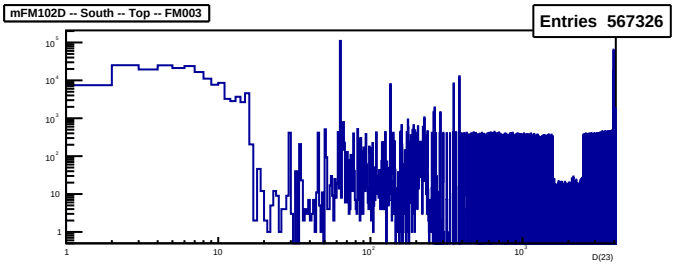
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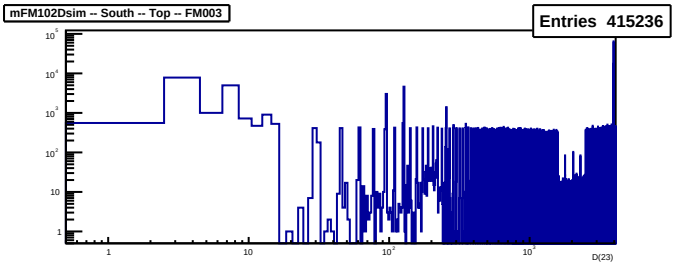
Entries 567326
D(23)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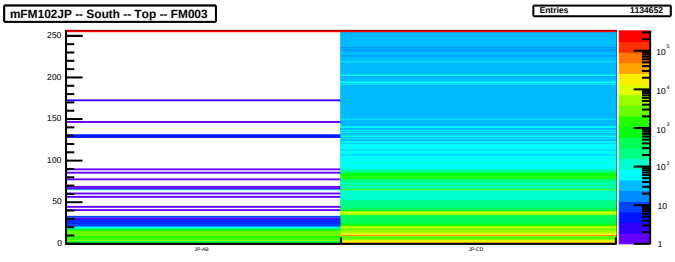
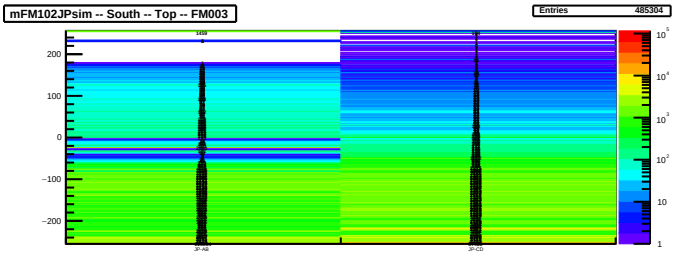
D(23)


mFM102JP -- South -- Top -- FM003
Entries 1134652
JP-AB
JP-CD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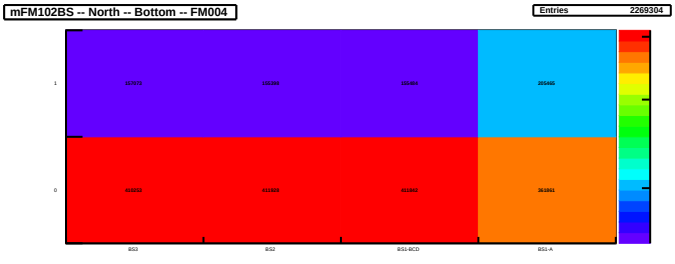
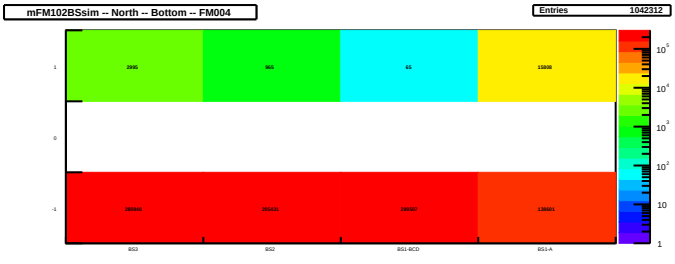
Entries 485304
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 2269304
BS3
BS2
BS1-BCD
BS1-A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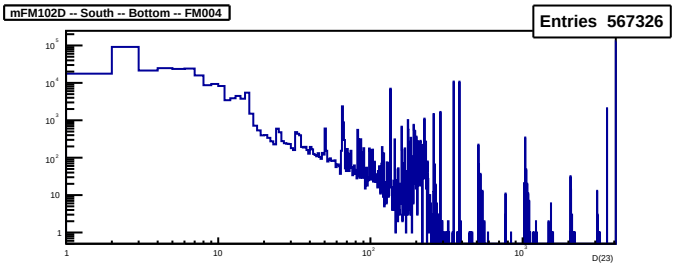
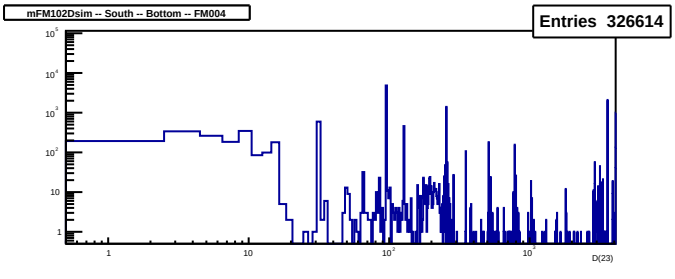
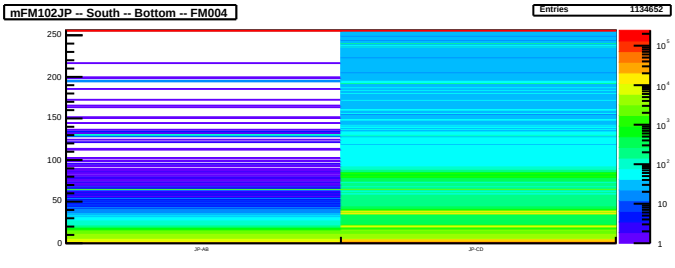
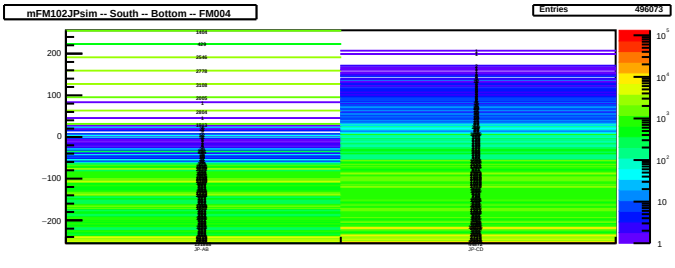
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 567326
D(23)


mFM102Dsim -- South -- Bottom -- FM004
Entries 326614
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 1134652
JP-AB
JP-CD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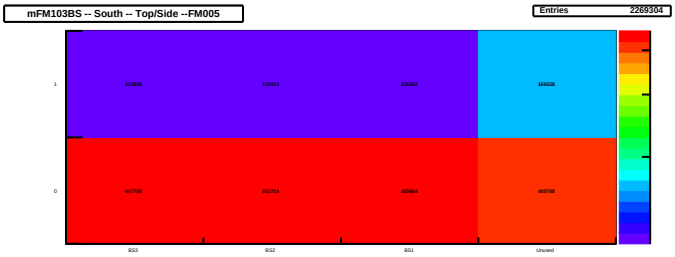
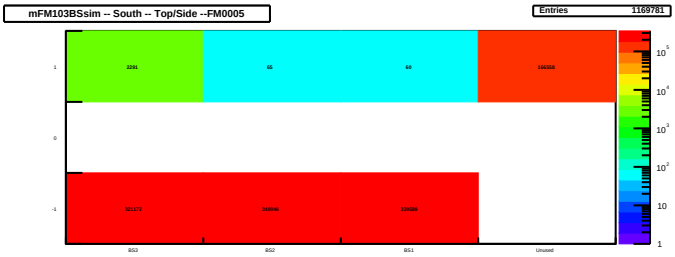
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 2269304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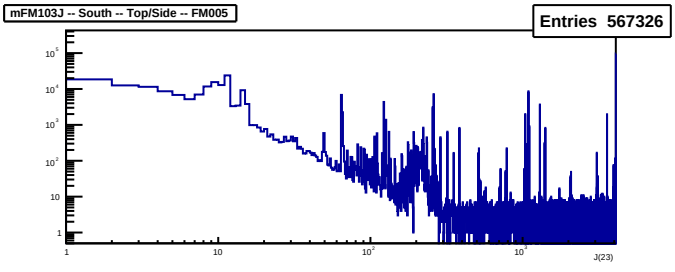
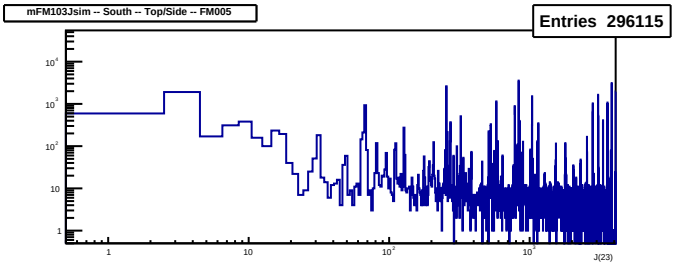
Entries 1169781


mFM103J -- South -- Top/Side -- FM005
Entries 567326
J(23)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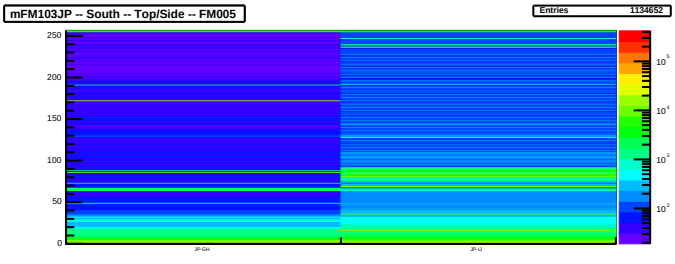
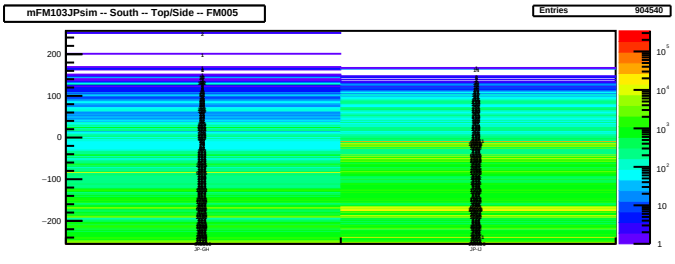
Entries 296115
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 1134652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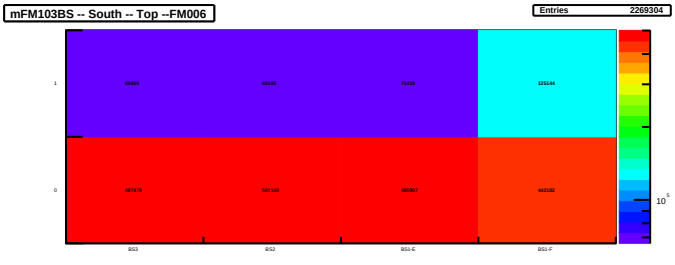
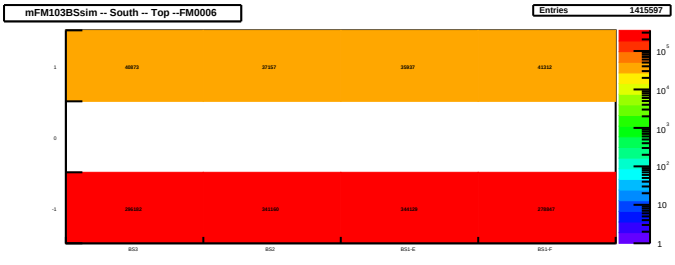
Entries 904540


mFM103BS -- South -- Top --FM006
Entries 2269304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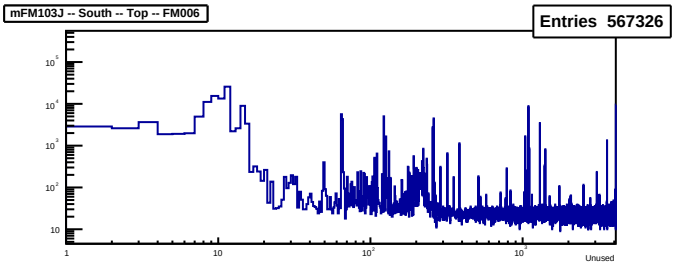
mFM103J -- South -- Top -- FM006
Entries 567326
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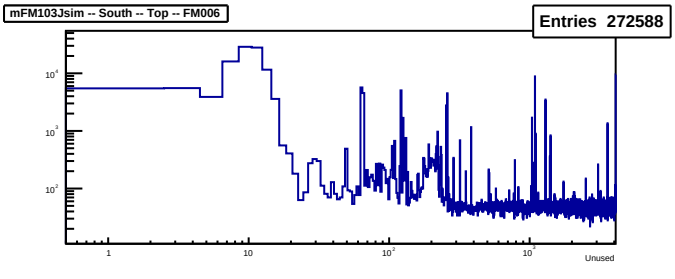
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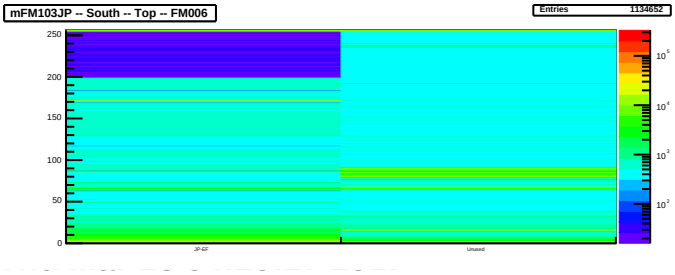
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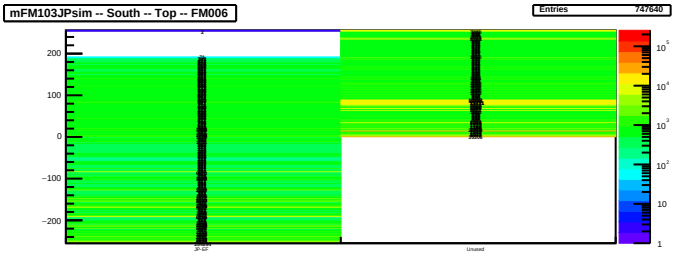
Entries 1134652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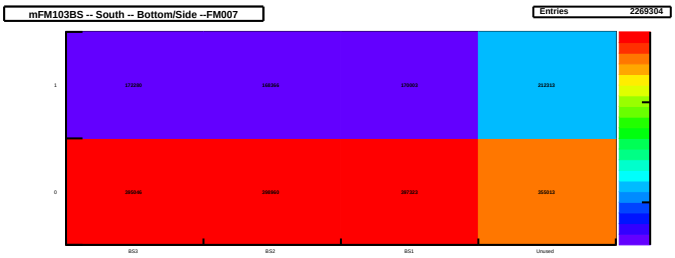
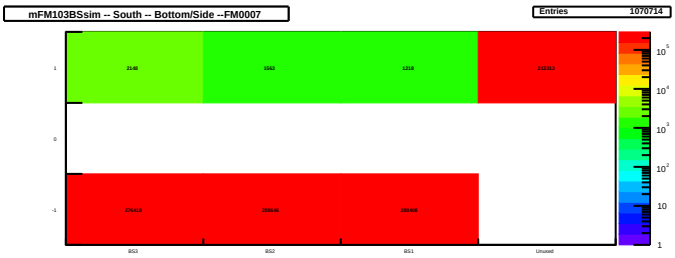

mFM103BS -- South -- Bottom/Side --FM007
Entries 2269304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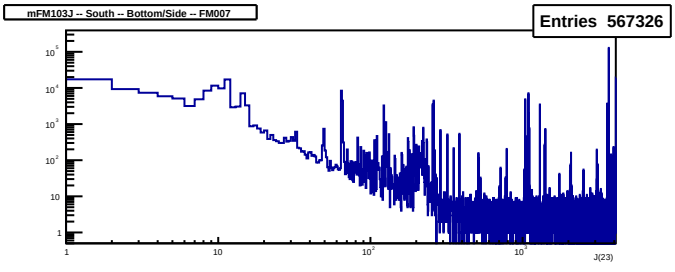
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Entries 567326
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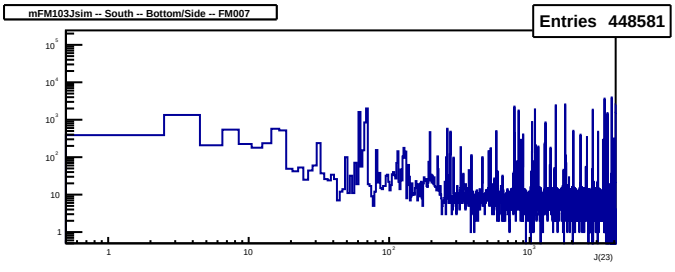
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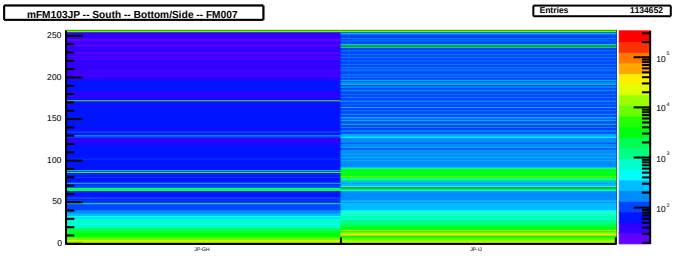
J(23)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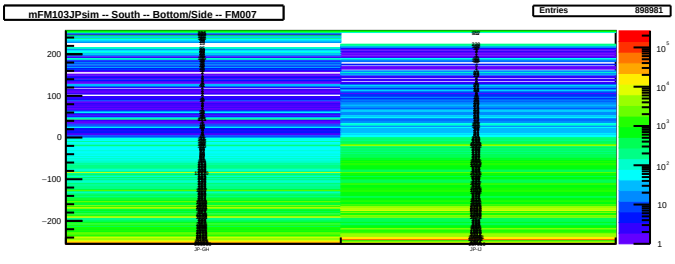
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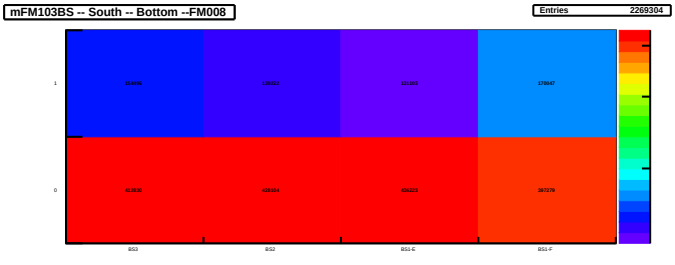
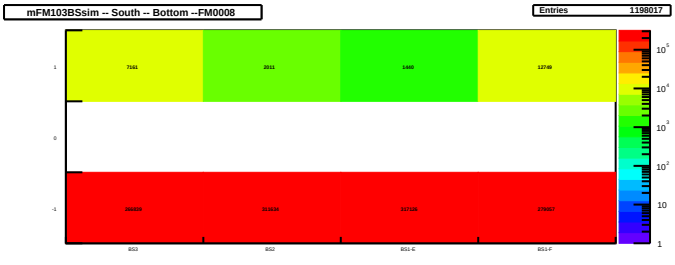
Entries 898981


mFM103BS -- South -- Bottom --FM008
Entries 2269304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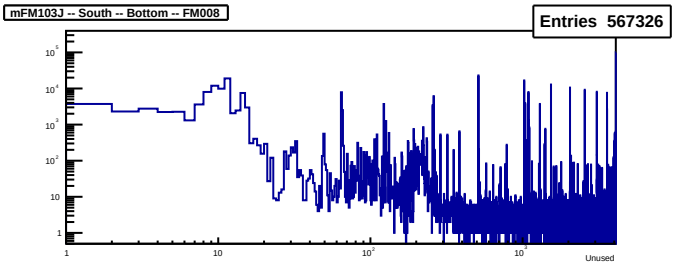
mFM103J -- South -- Bottom -- FM008
Entries 567326
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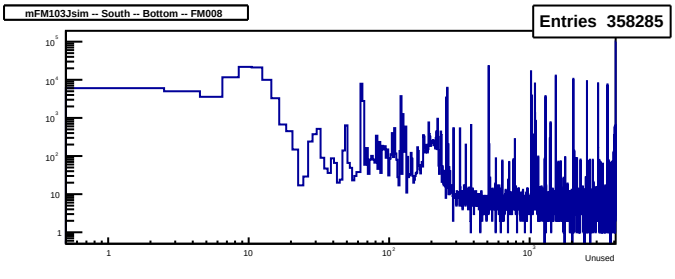
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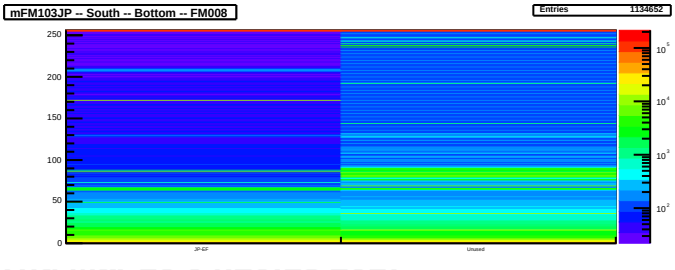
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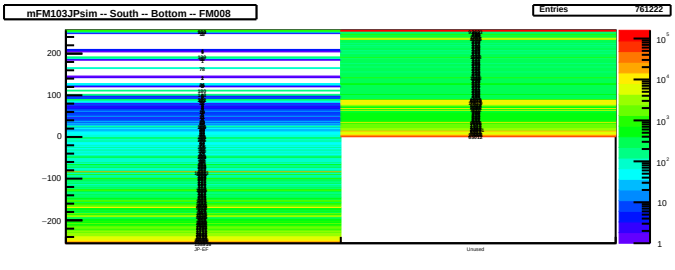
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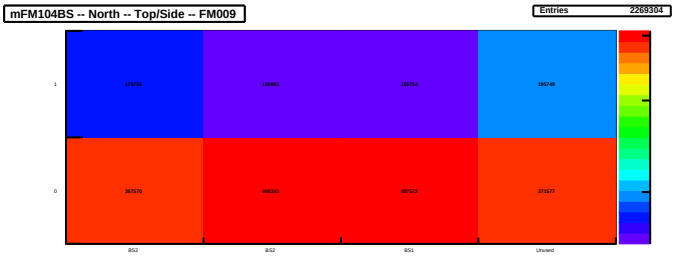
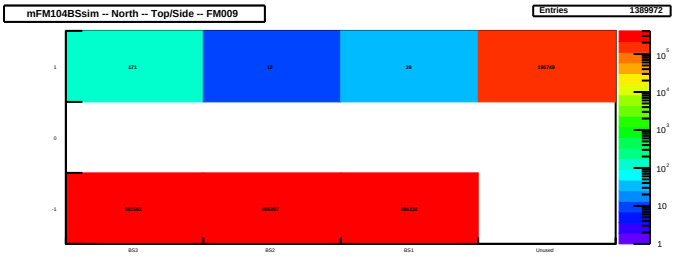
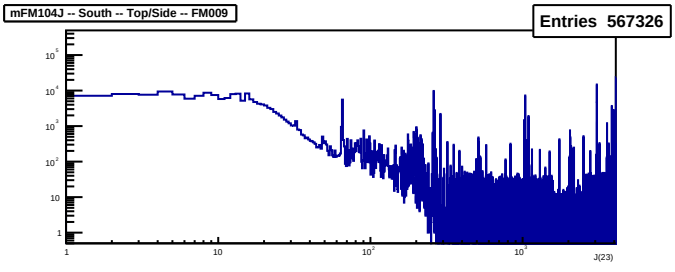
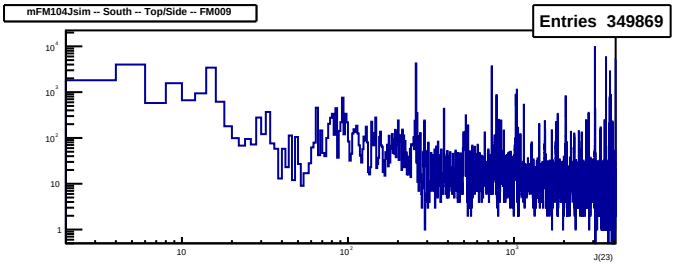

mFM104BS -- North -- Top/Side -- FM009
Entries 2269304


mFM104BSsim -- North -- Top/Side -- FM009
Entries 1389972


mFM104J -- South -- Top/Side -- FM009
Entries 567326
J(23)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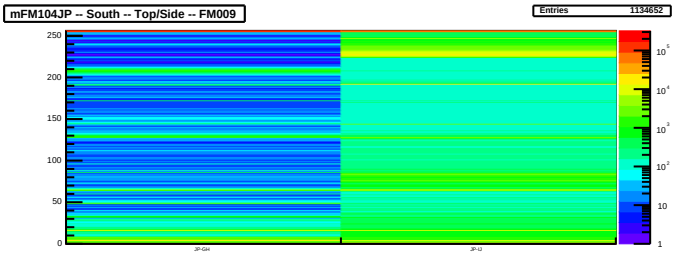
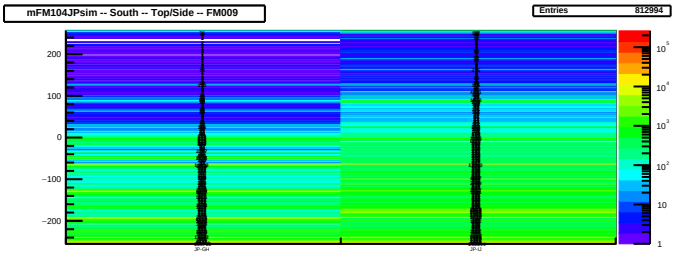
Entries 349869
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1134652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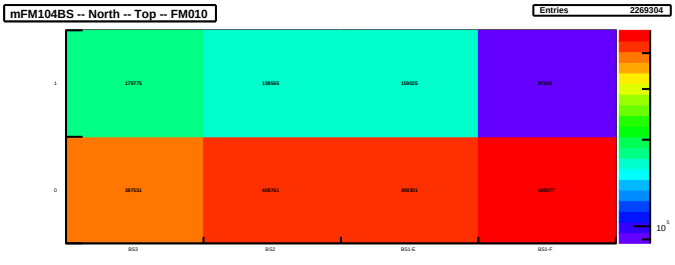
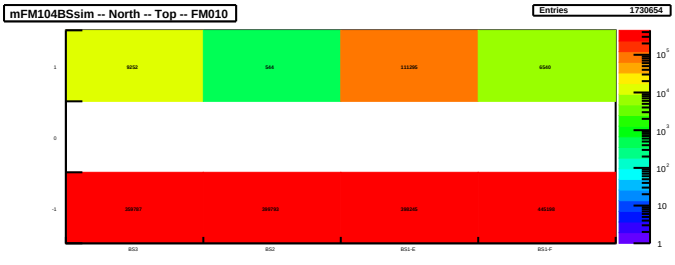
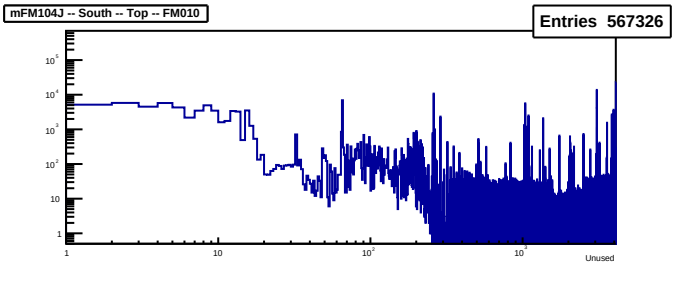
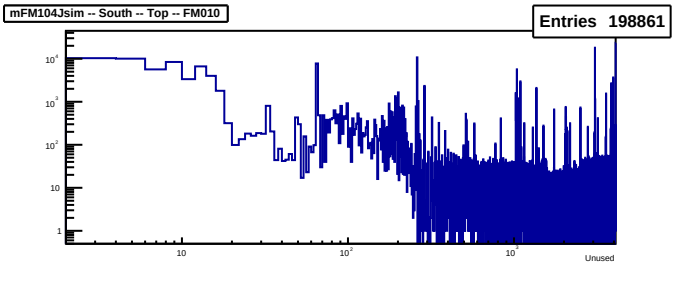
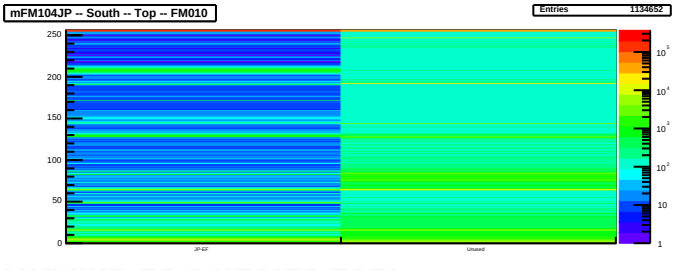
Entries 812994

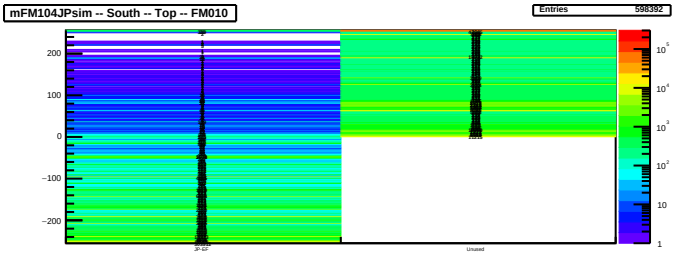

mFM104BS -- North -- Top -- FM010
Entries 2269304

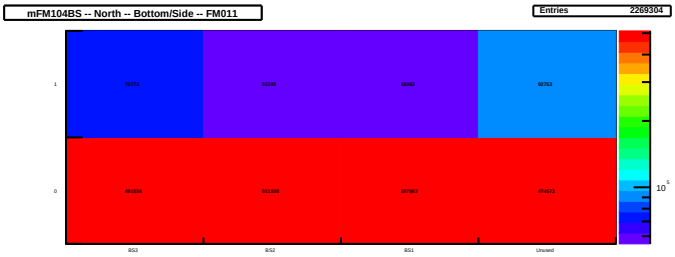

mFM104BSsim -- North -- Top -- FM010
Entries 1730654

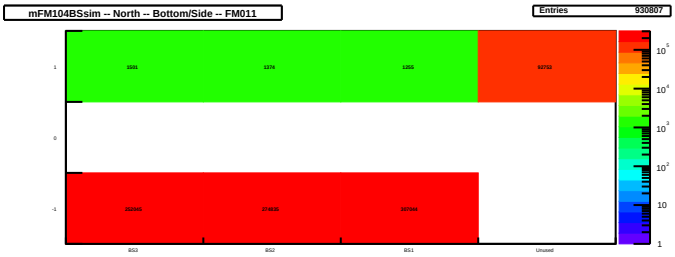

mFM104J -- South -- Top -- FM010
Entries 567326
Unused

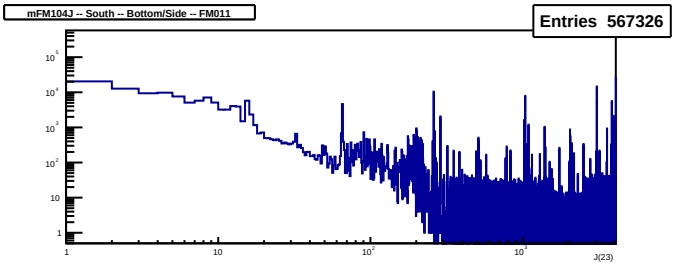

mFM104Jsim -- South -- Top -- FM010
Entries 198861
Unused

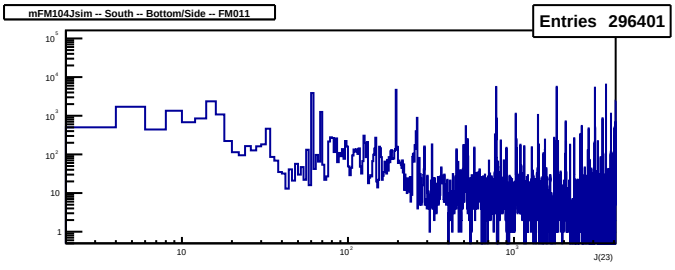

mFM104JP -- South -- Top -- FM010
Entries 1134652

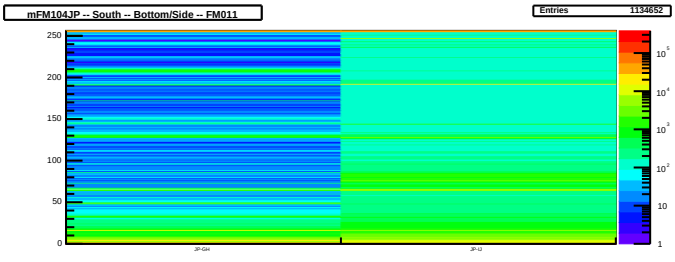

mFM104JPsim -- South -- Top -- FM010
Entries 598392

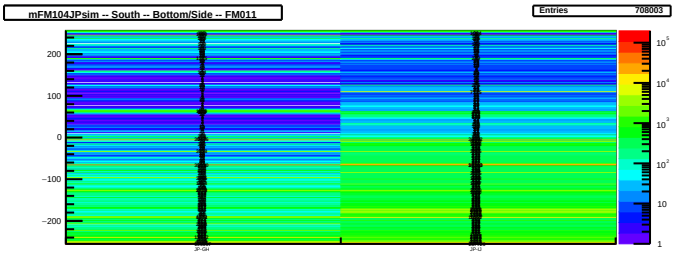

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2269304

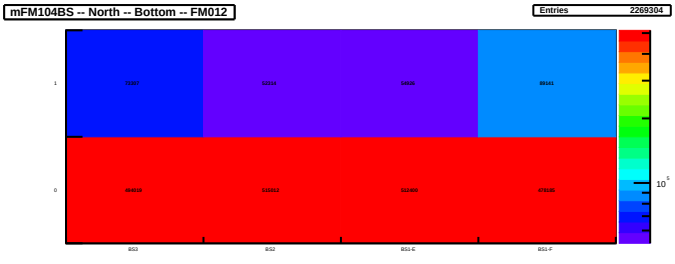

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 930807

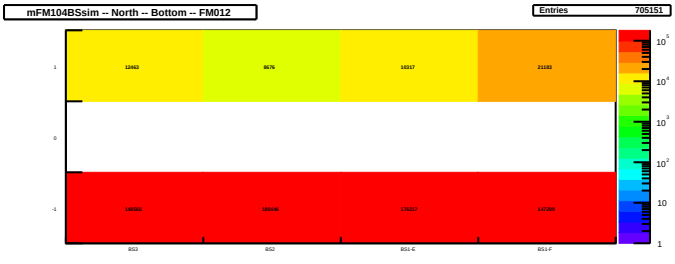

mFM104J -- South -- Bottom/Side -- FM011
Entries 567326
J(23)

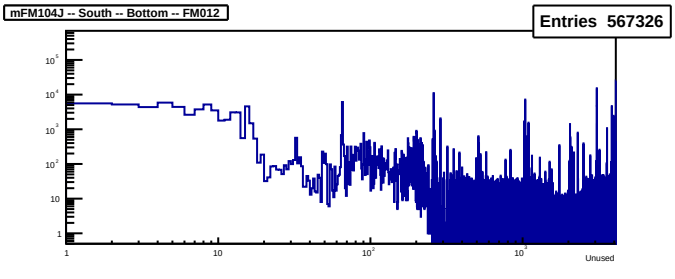

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 296401
J(23)

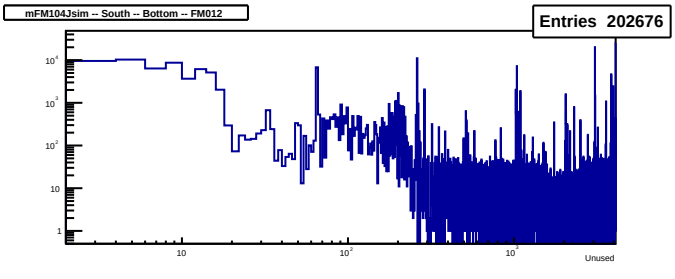

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1134652

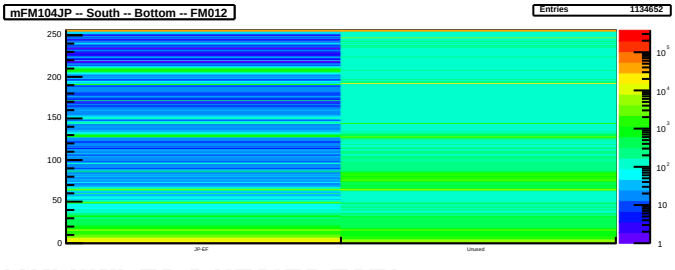

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 708003

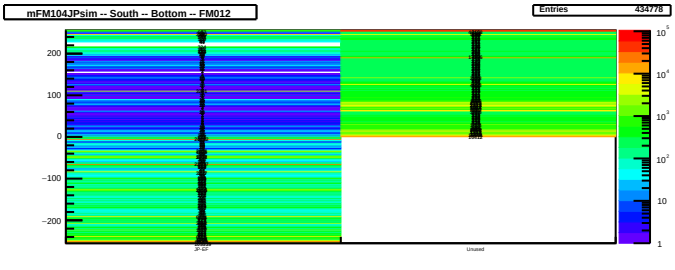

mFM104BS -- North -- Bottom -- FM012
Entries 2269304

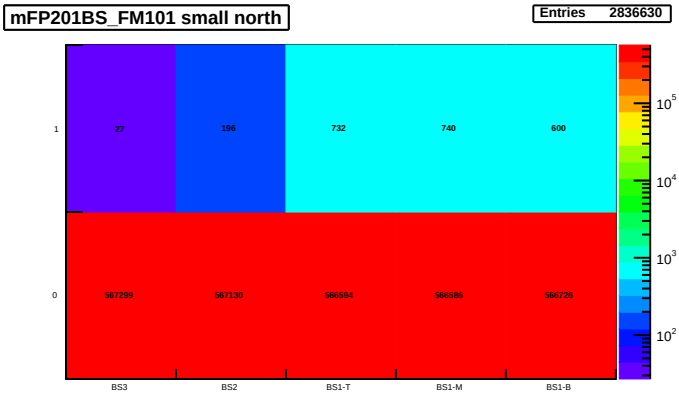

mFM104BSsim -- North -- Bottom -- FM012
Entries 705151

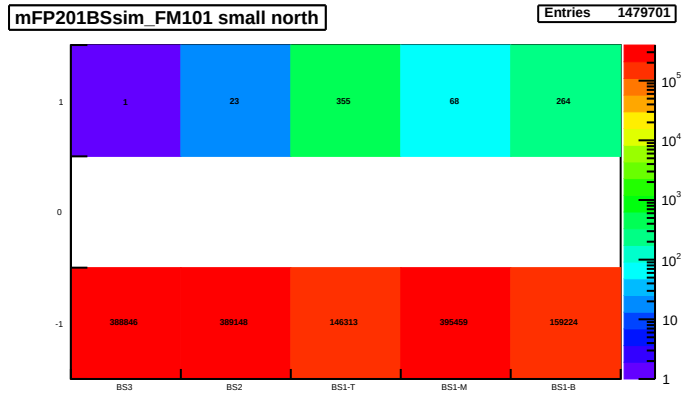

mFM104J -- South -- Bottom -- FM012
Entries 567326
Unused

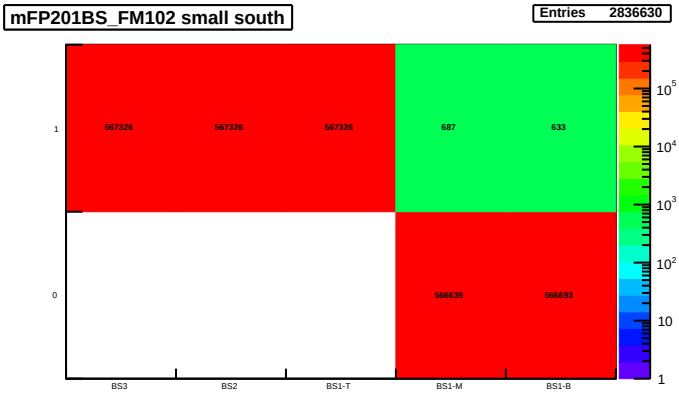

mFM104Jsim -- South -- Bottom -- FM012
Entries 202676
Unused

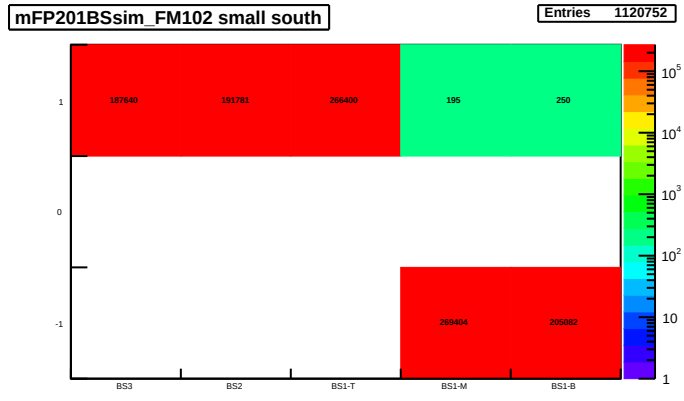

mFM104JP -- South -- Bottom -- FM012
Entries 1134652

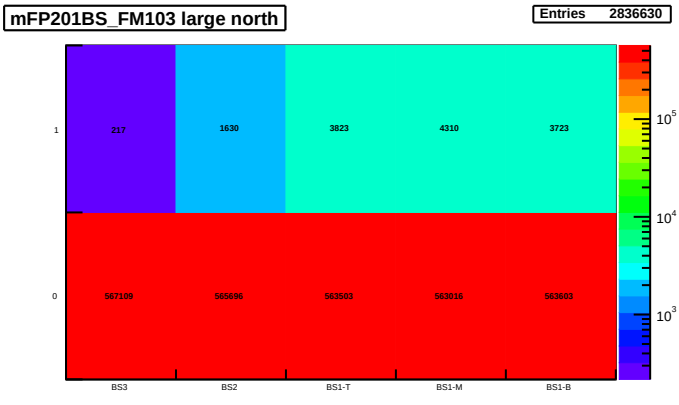

mFM104JPsim -- South -- Bottom -- FM012
Entries 434778

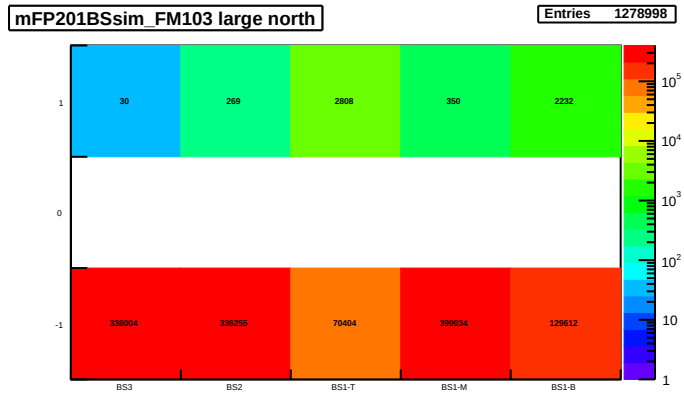

mFP201BS_FM101 small north
Entries 2836630
1
0
27
196
732
740
600
567299
567130
566594
566586
566726
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2

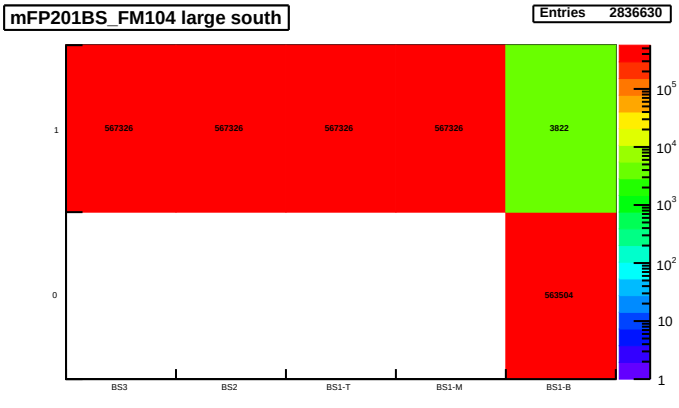

mFP201BSsim_FM101 small north
Entries 1479701
1
0
-1
1
23
355
68
264
388846
389148
146313
395459
159224
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

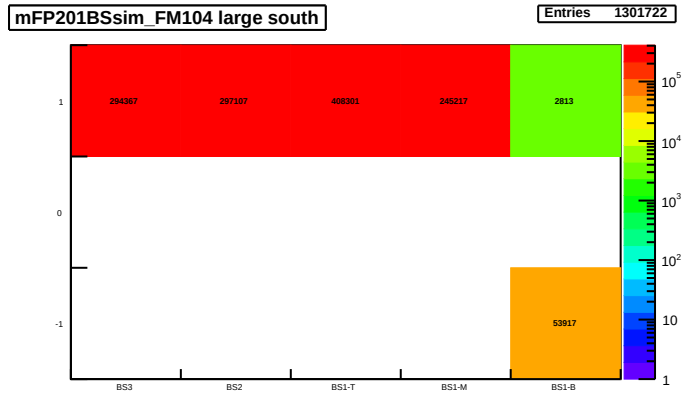

mFP201BS_FM102 small south
Entries 2836630
1
0
567326
567326
567326
687
633
566639
566693
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

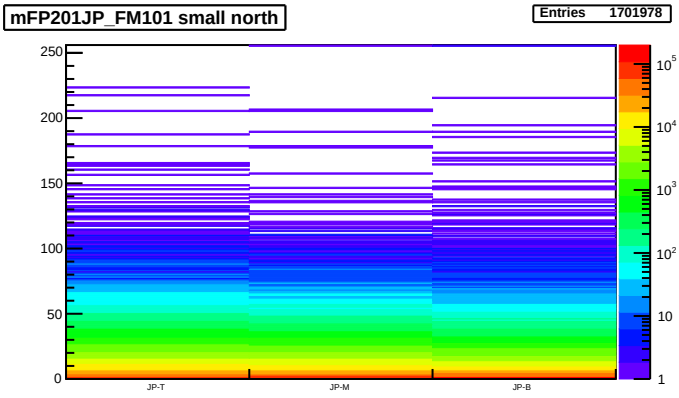

mFP201BSsim_FM102 small south
Entries 1120752
1
0
-1
187640
191781
266400
195
250
269404
205082
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

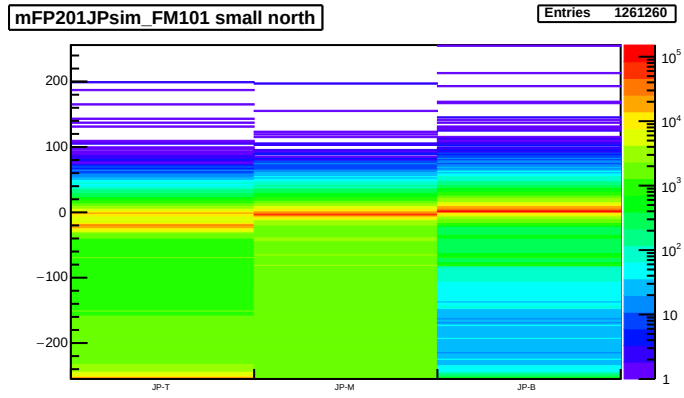

mFP201BS_FM103 large north
Entries 2836630
1
0
217
1630
3823
4310
3723
567109
565696
563503
563016
563603
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3

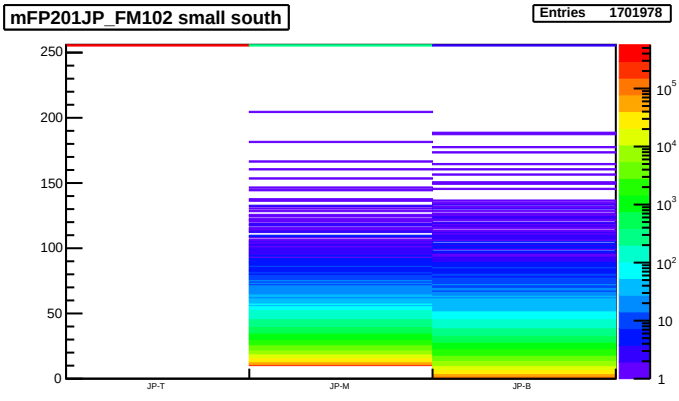

mFP201BSsim_FM103 large north
Entries 1278998
1
0
-1
30
269
2808
350
2232
338004
336255
70404
399034
129612
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

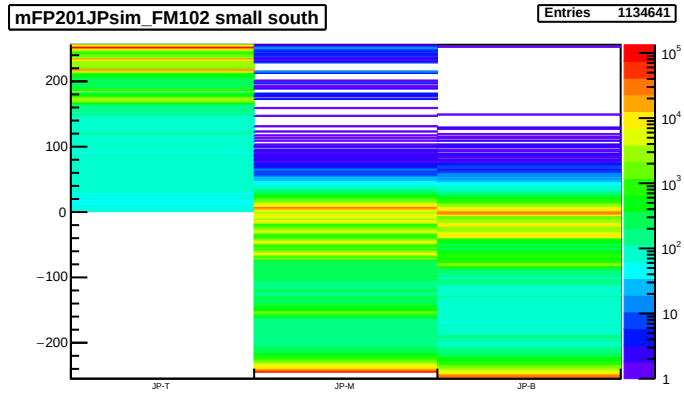

mFP201BS_FM104 large south
Entries 2836630
1
0
567326
567326
567326
567326
3822
563504
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

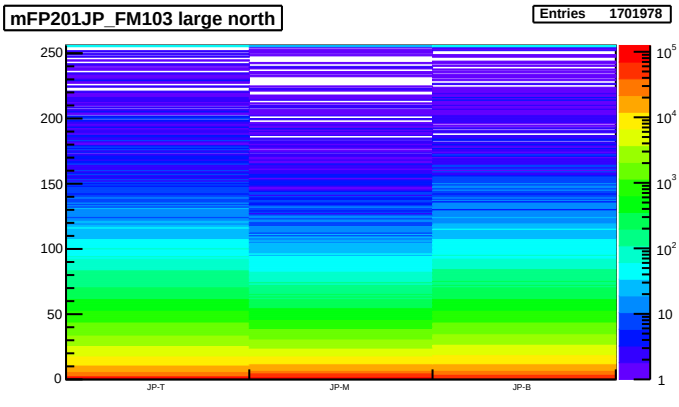

mFP201BSsim_FM104 large south
Entries 1301722
1
0
-1
294367
297107
408301
245217
2813
53917
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

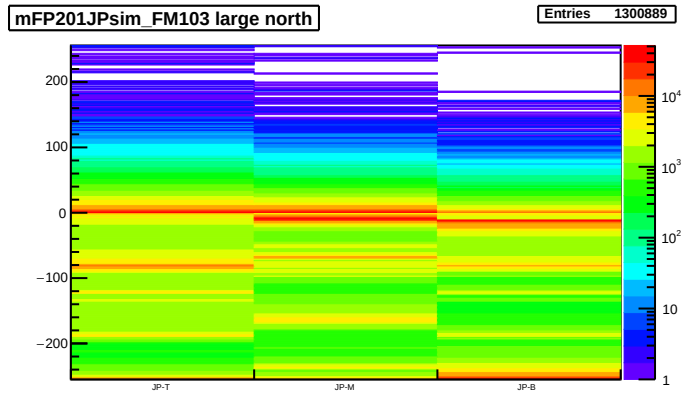

mFP201JP_FM101 small north
Entries 1701978
JP-T
JP-M
JP-B

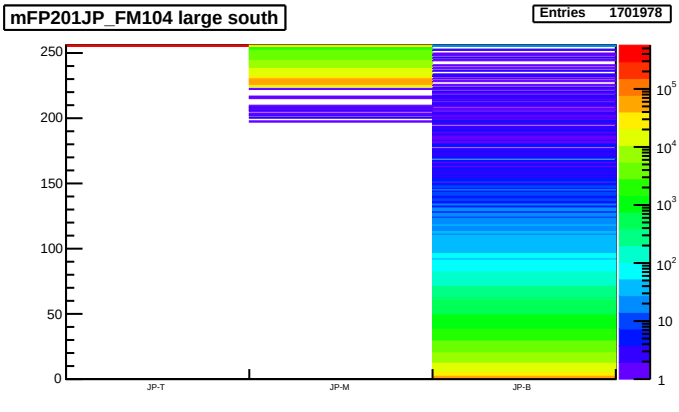

mFP201JPsim_FM101 small north
Entries 1261260
JP-T
JP-M
JP-B

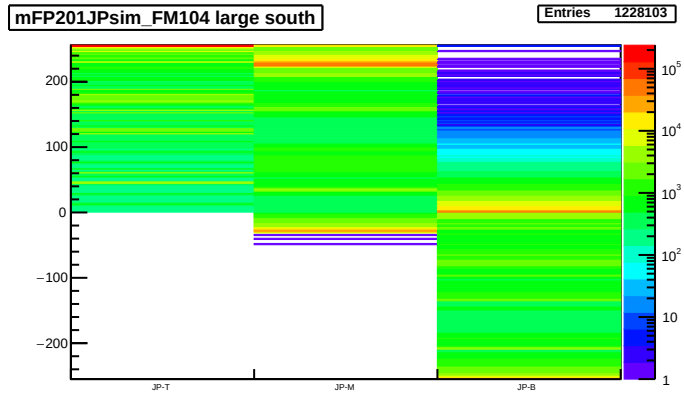

mFP201JP_FM102 small south
Entries 1701978
JP-T
JP-M
JP-B

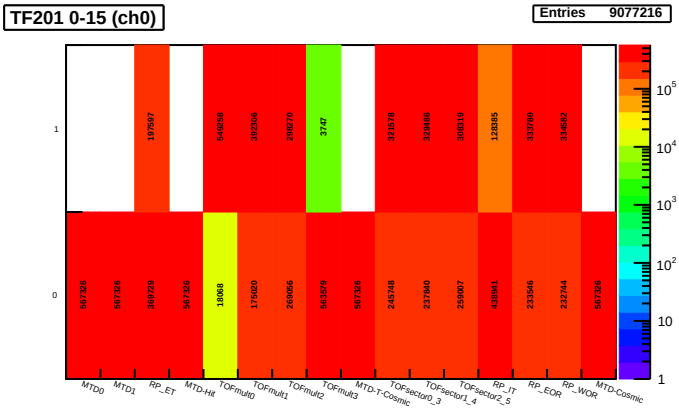

mFP201JPsim_FM102 small south
Entries 1134641
JP-T
JP-M
JP-B

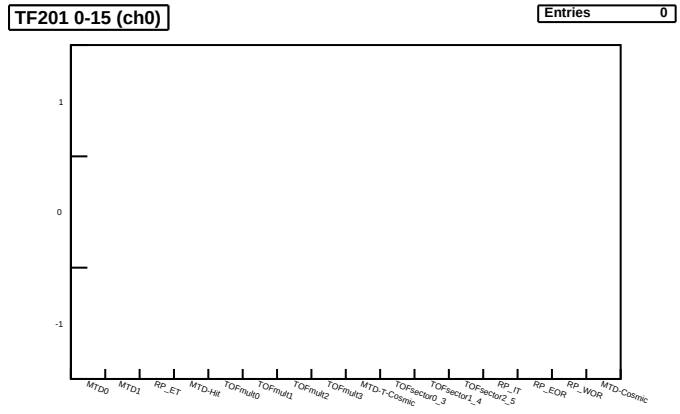

mFP201JP_FM103 large north
Entries 1701978
JP-T
JP-M
JP-B

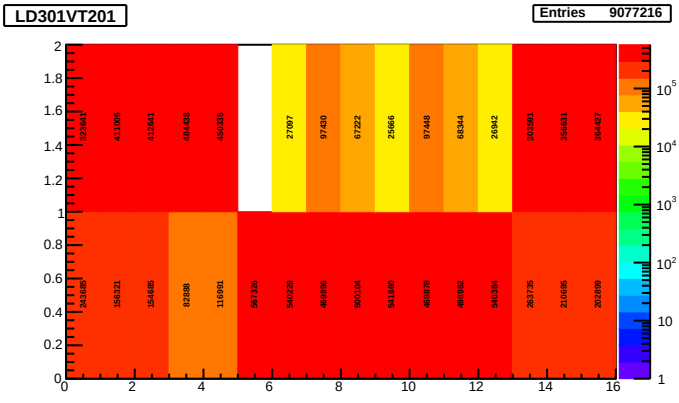

mFP201JPsim_FM103 large north
Entries 1300889
JP-T
JP-M
JP-B

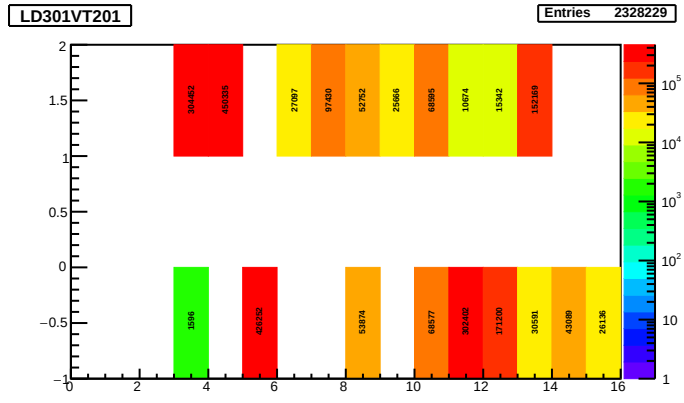

mFP201JP_FM104 large south
Entries 1701978
JP-T
JP-M
JP-B

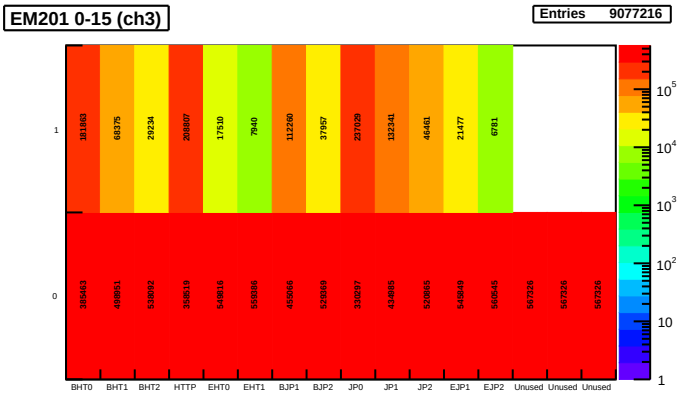

mFP201JPsim_FM104 large south
Entries 1228103
JP-T
JP-M
JP-B

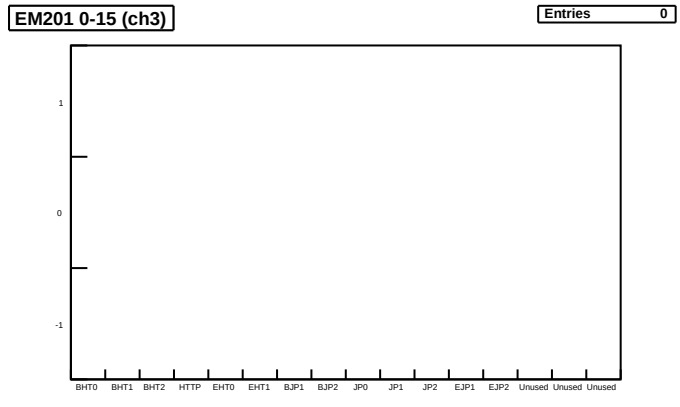

TF201 0-15 (ch0)
Entries 9077216
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

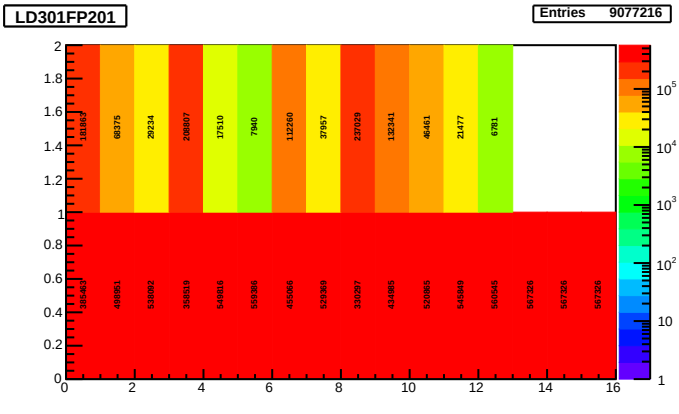

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

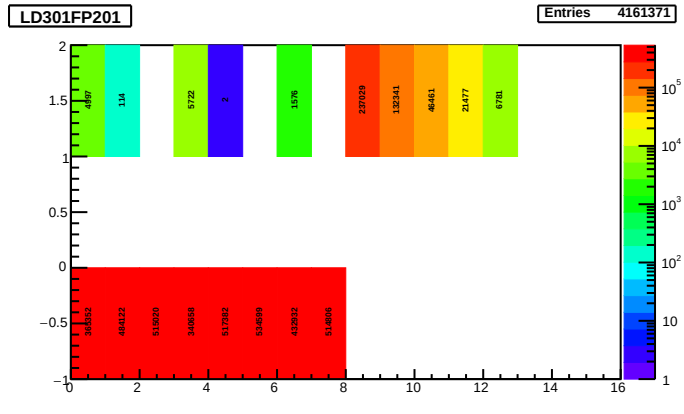

LD301VT201
Entries 9077216


LD301VT201
Entries 2328229


EM201 0-15 (ch3)
Entries 9077216
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 9077216


LD301FP201
Entries 4161371