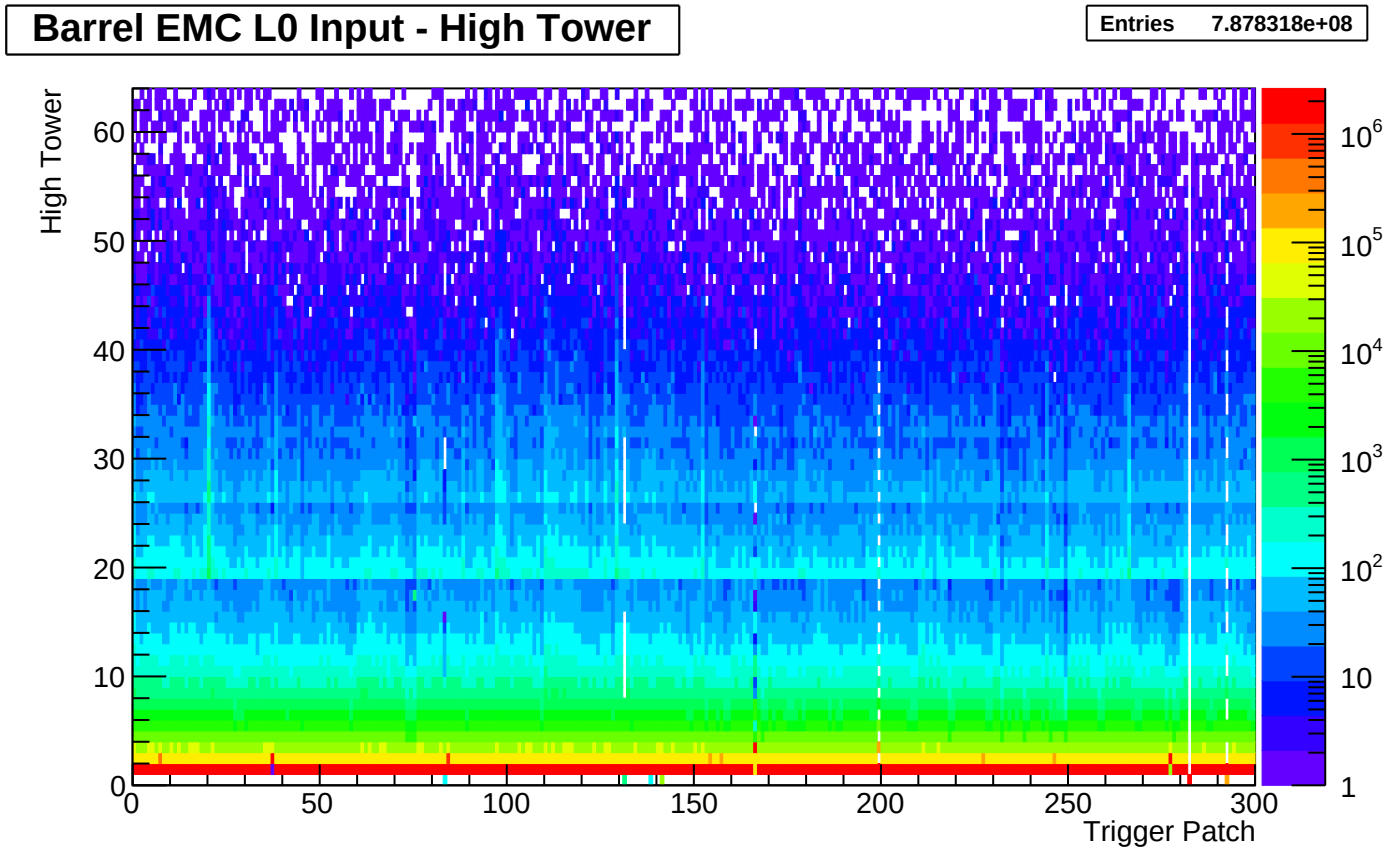
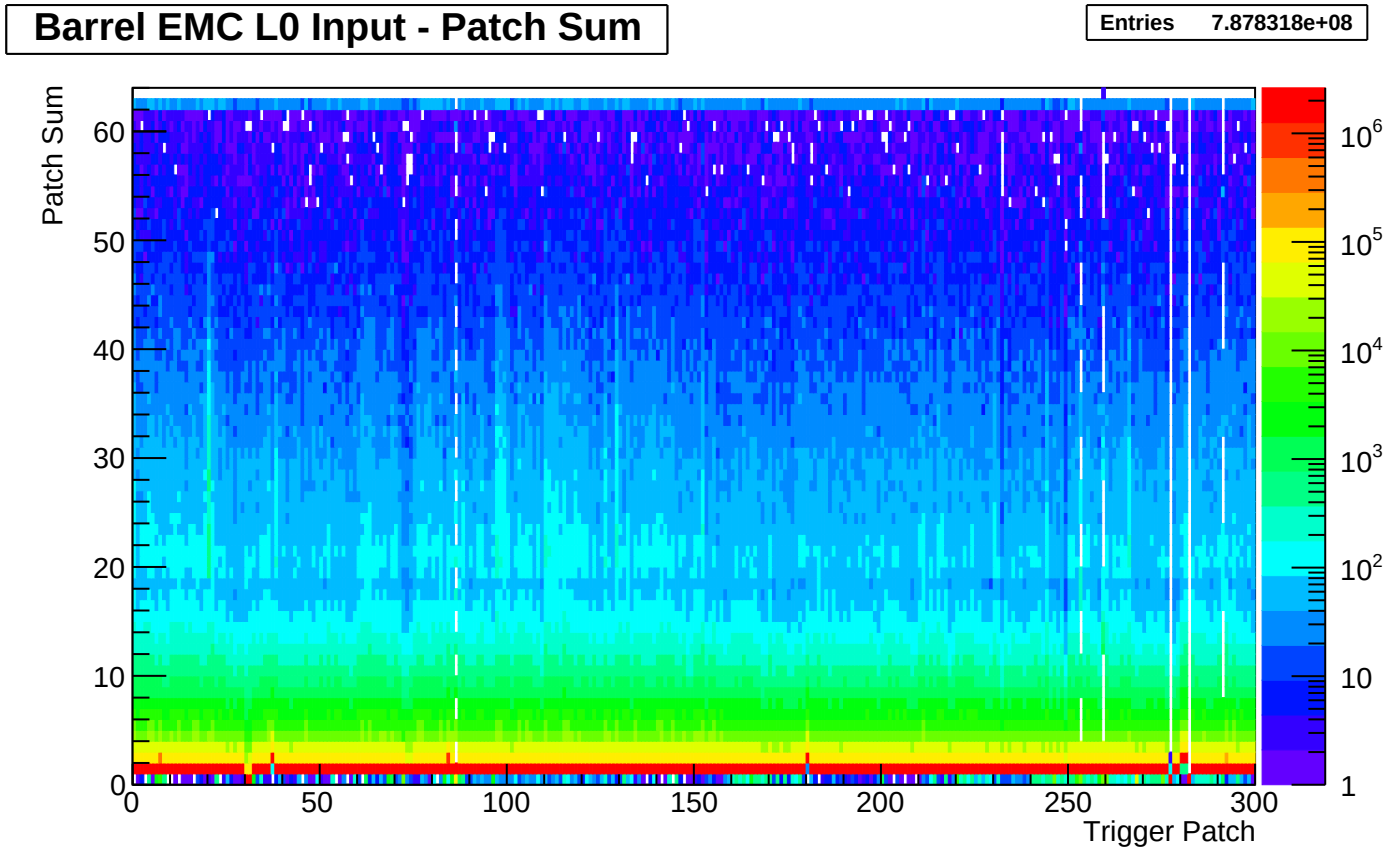
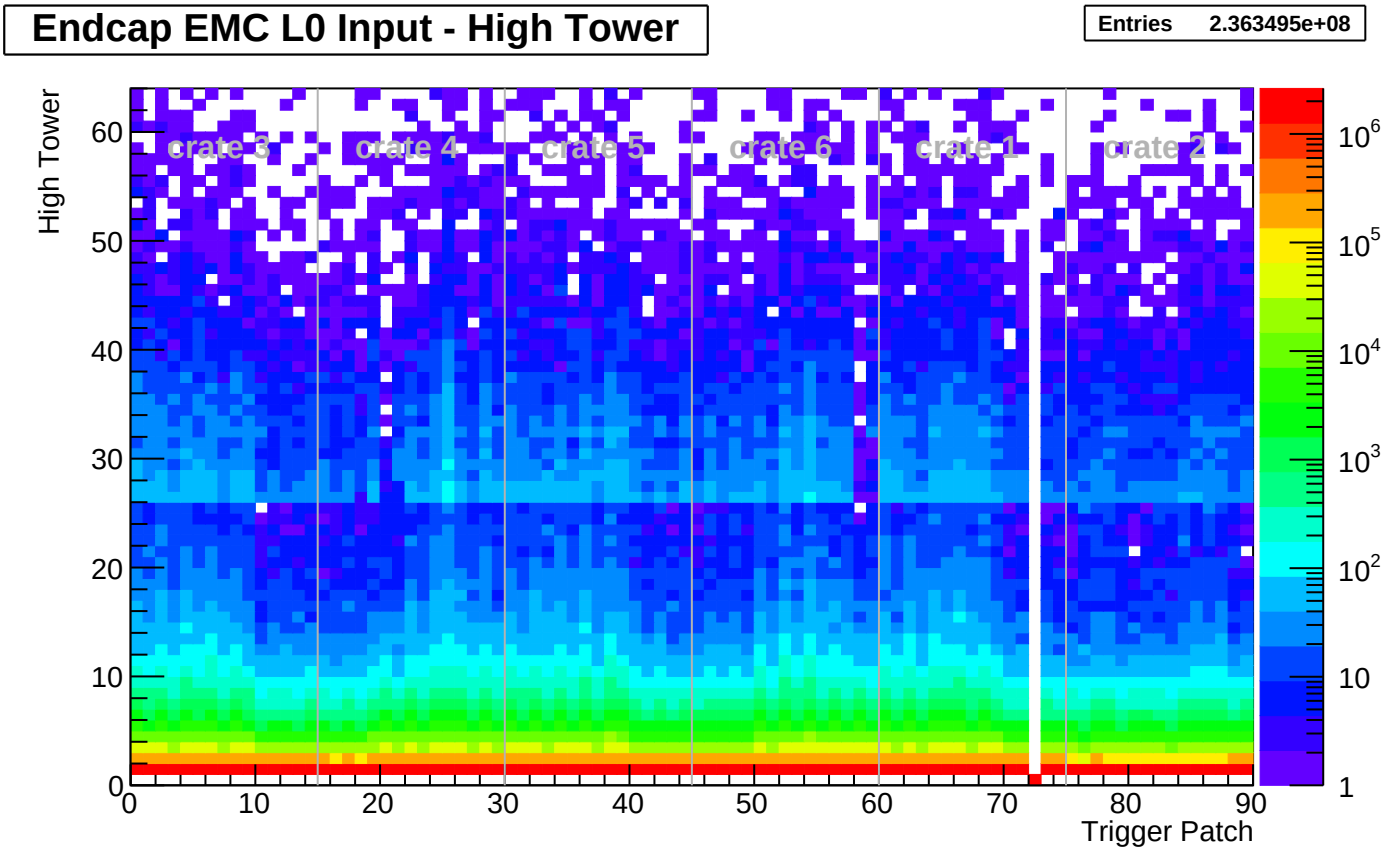
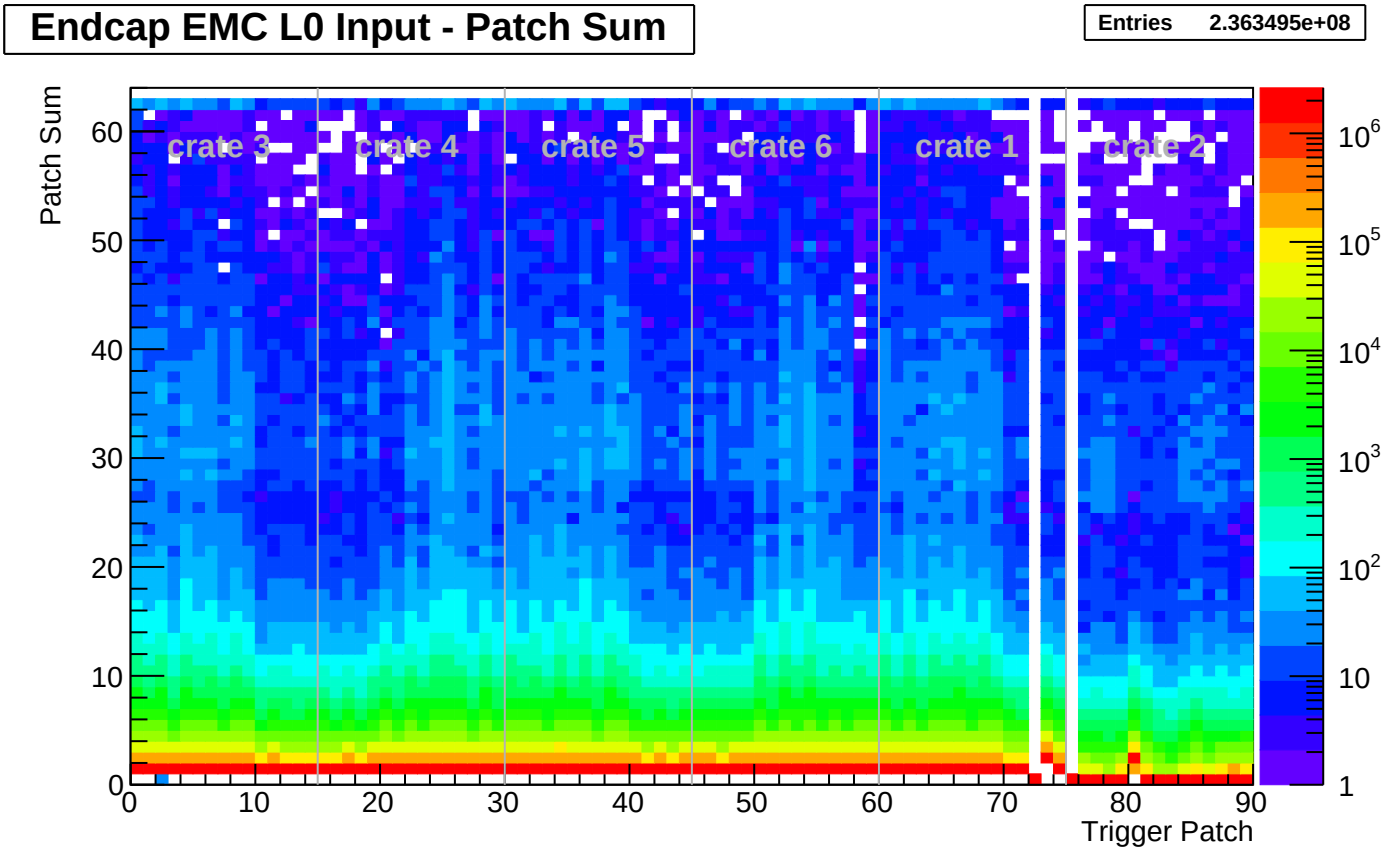
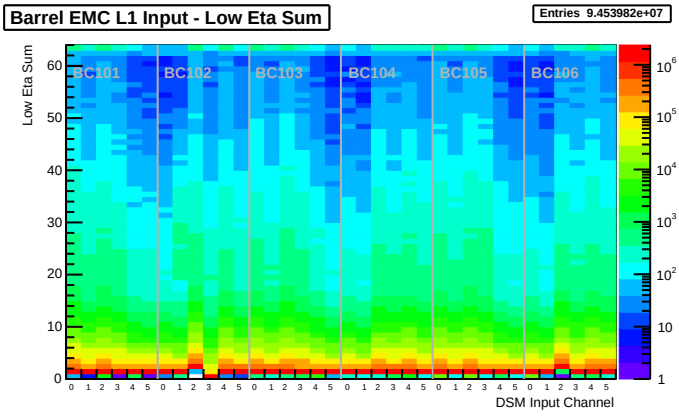
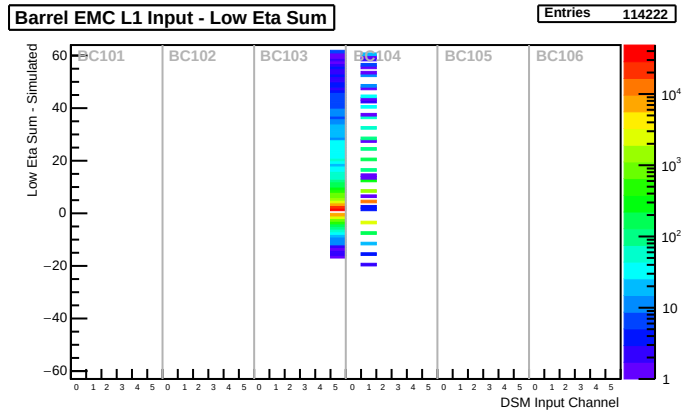

Barrel EMC L0 Input - High Tower
Entries 7.878318e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

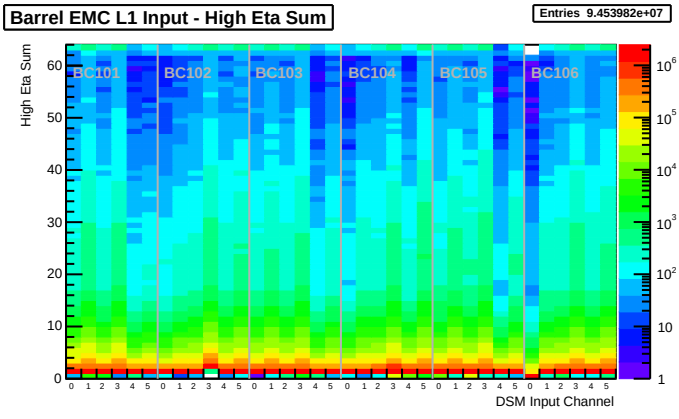

Barrel EMC L0 Input - Patch Sum
Entries 7.878318e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

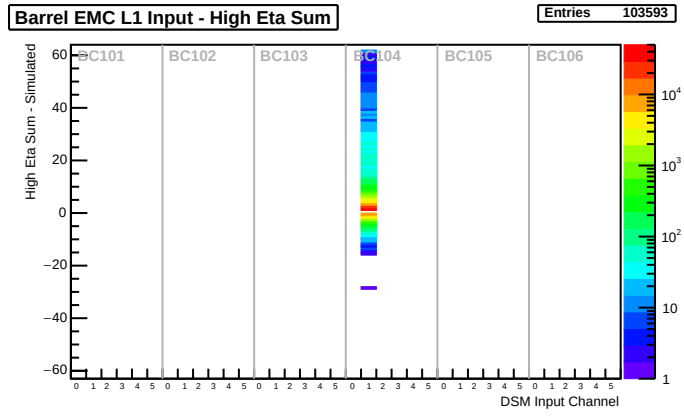

Endcap EMC L0 Input - High Tower
Entries 2.363495e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

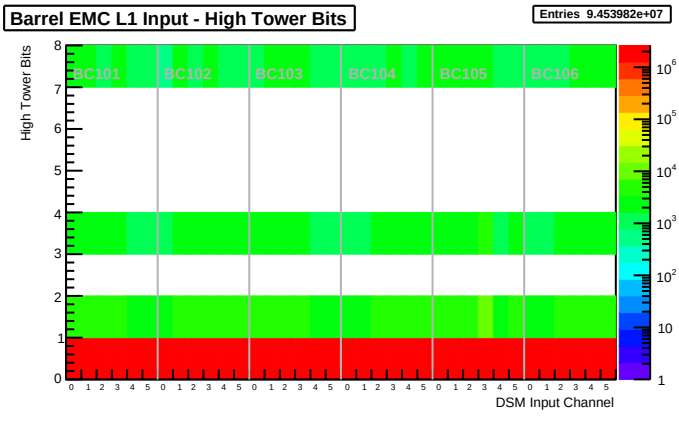

Endcap EMC L0 Input - Patch Sum
Entries 2.363495e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

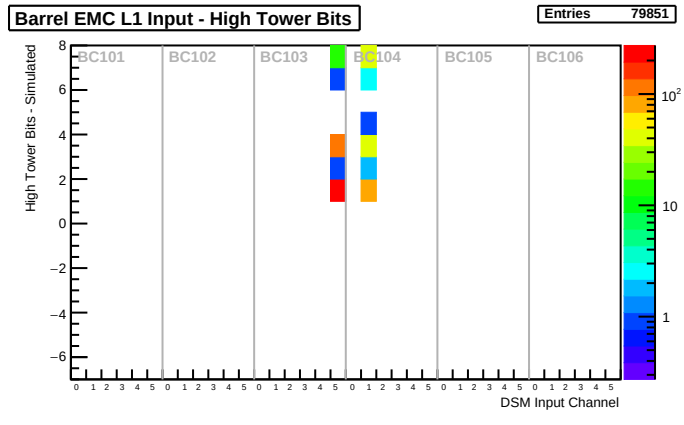

Barrel EMC L1 Input - Low Eta Sum
Entries 9.453982e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

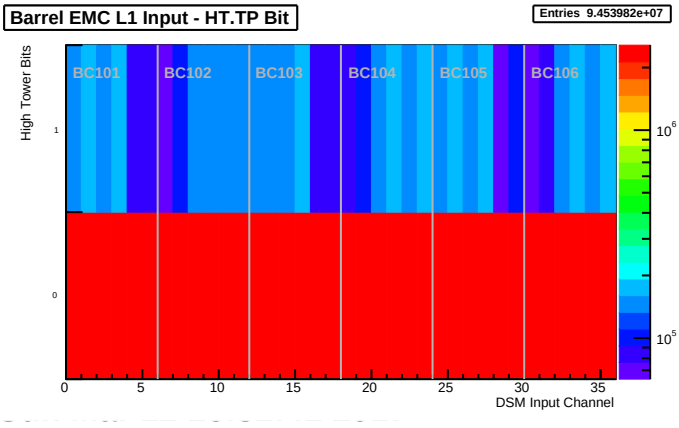

Barrel EMC L1 Input - Low Eta Sum
Entries 114222
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

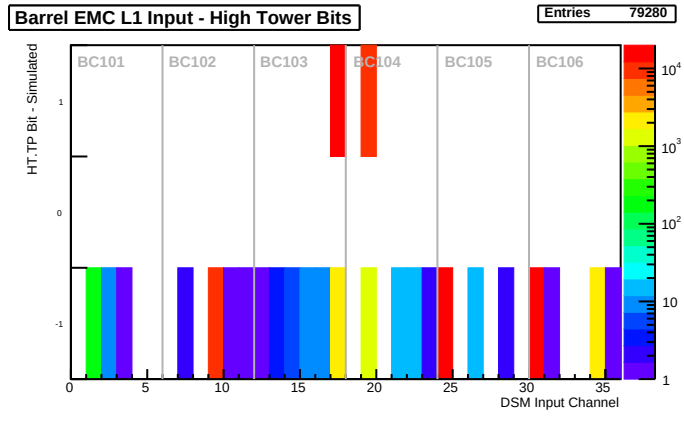

Barrel EMC L1 Input - High Eta Sum
Entries 9.453982e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

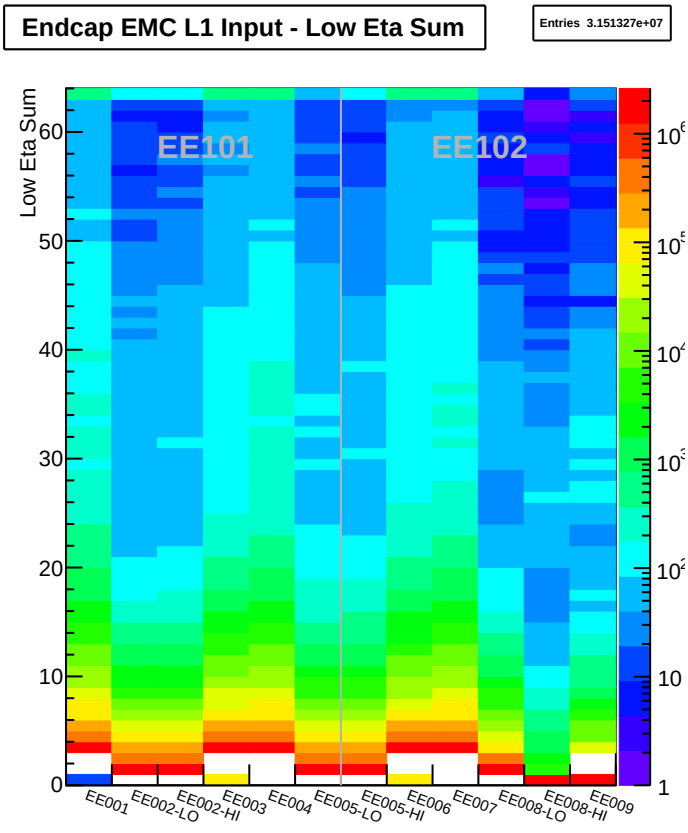

Barrel EMC L1 Input - High Eta Sum
Entries 103593
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

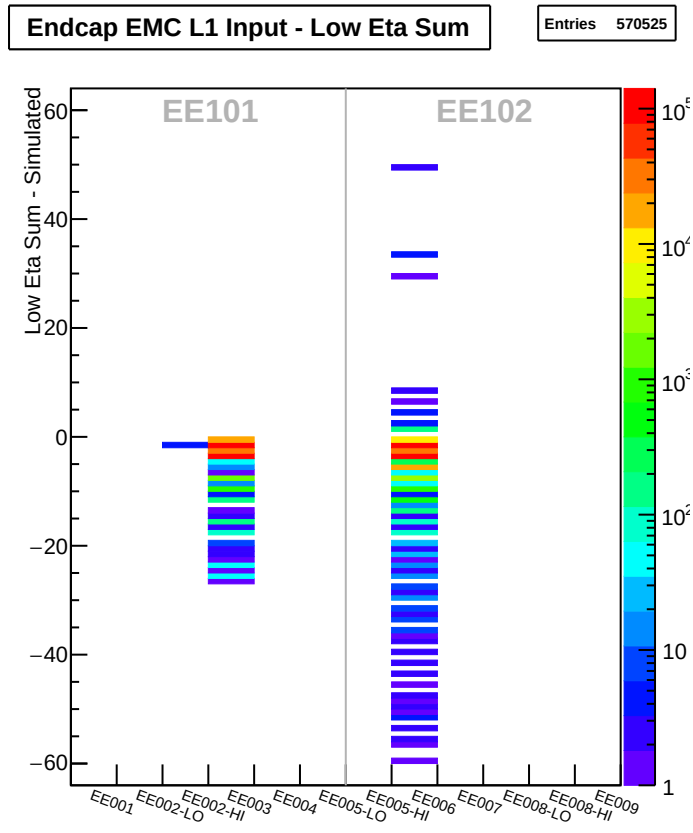

Barrel EMC L1 Input - High Tower Bits
Entries 9.453982e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

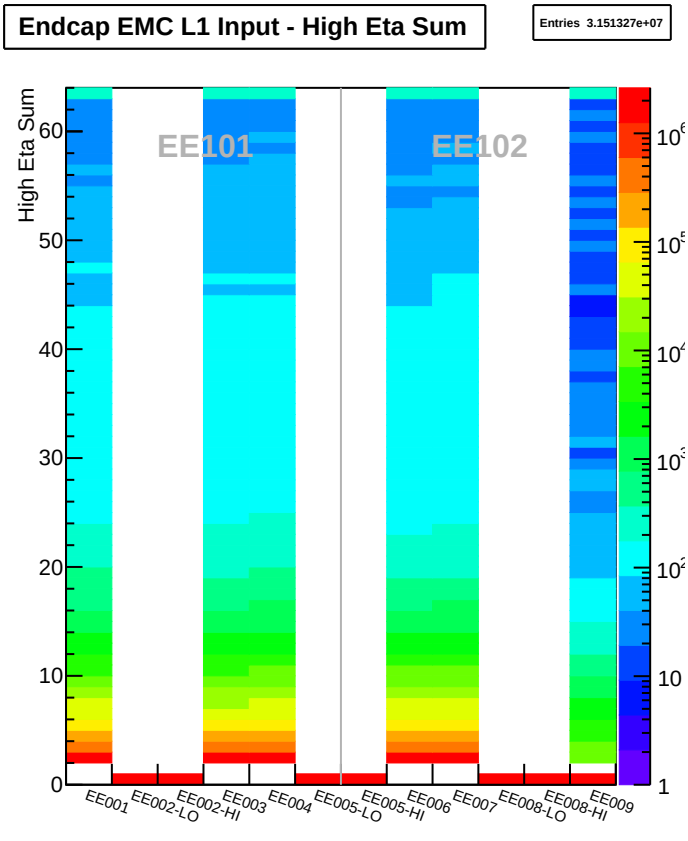

Barrel EMC L1 Input - High Tower Bits
Entries 79851
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

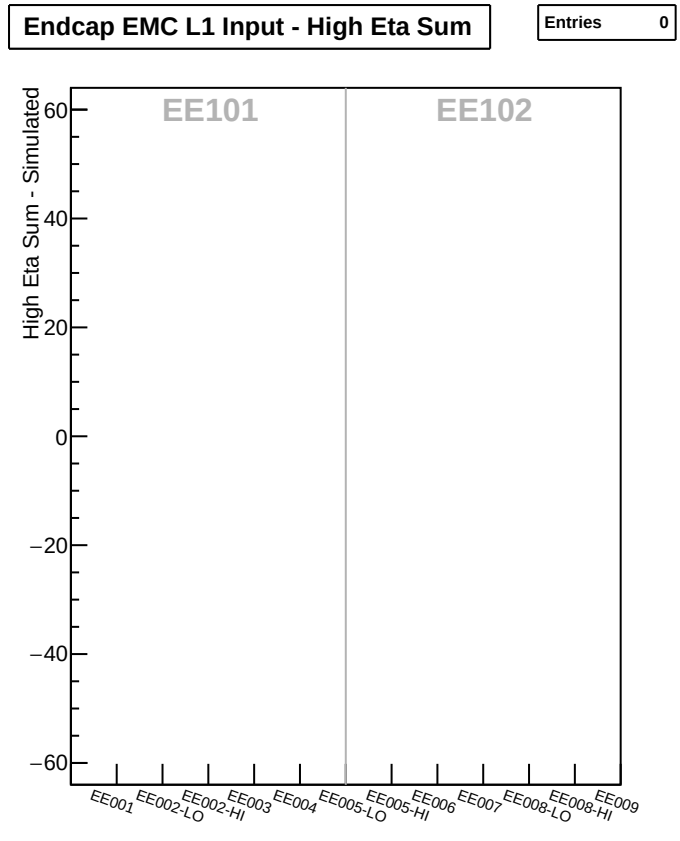

Barrel EMC L1 Input - HT.TP Bit
Entries 9.453982e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

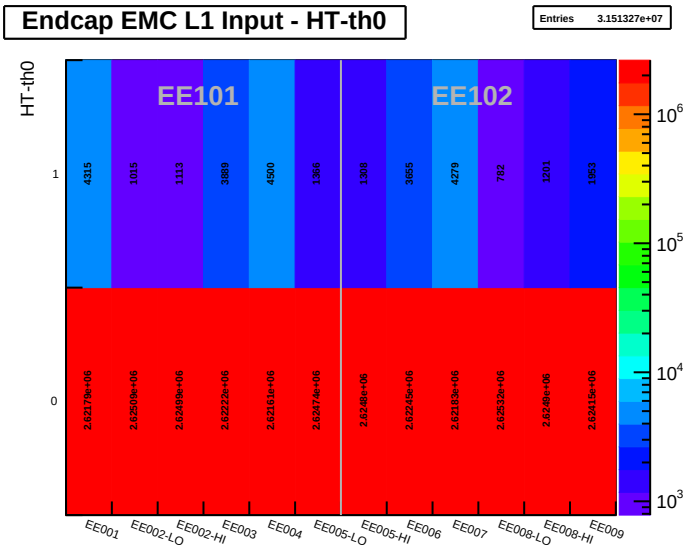

Barrel EMC L1 Input - High Tower Bits
Entries 79280
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

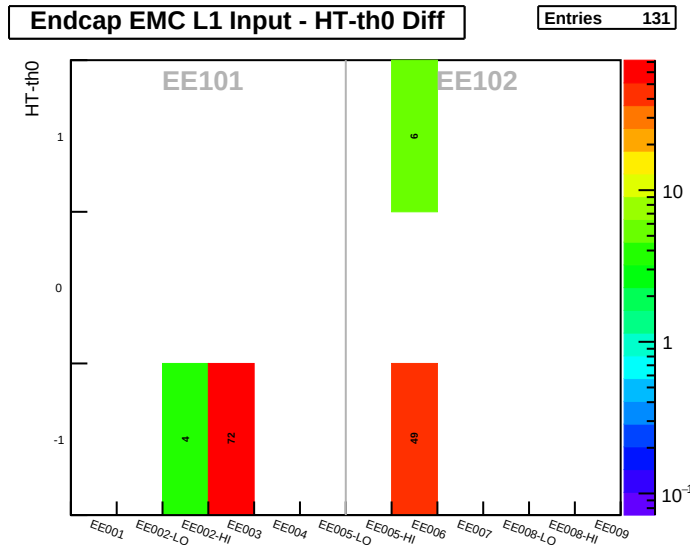

Endcap EMC L1 Input - Low Eta Sum
Entries 3.151327e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

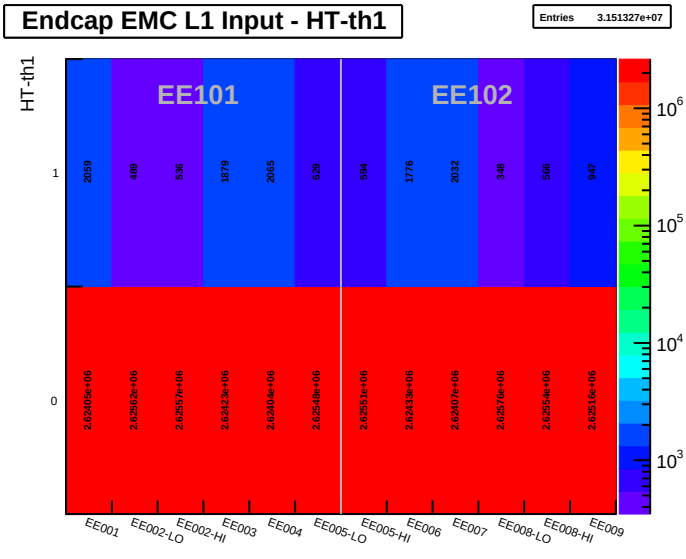

Endcap EMC L1 Input - Low Eta Sum
Entries 570525
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

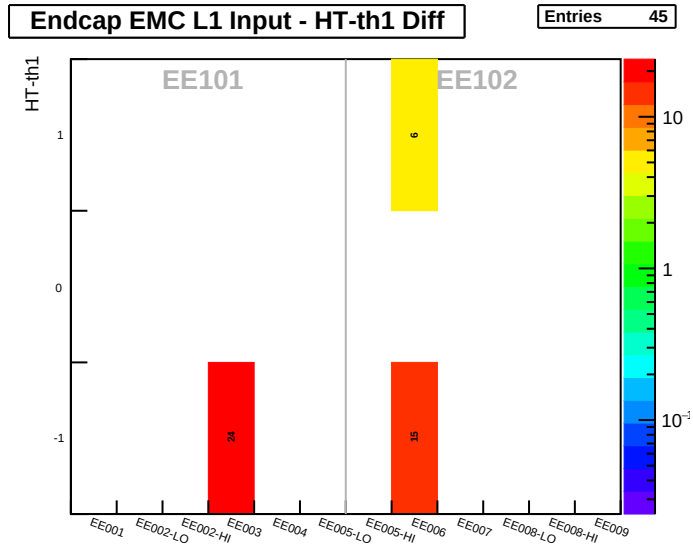

Endcap EMC L1 Input - High Eta Sum
Entries 3.151327e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

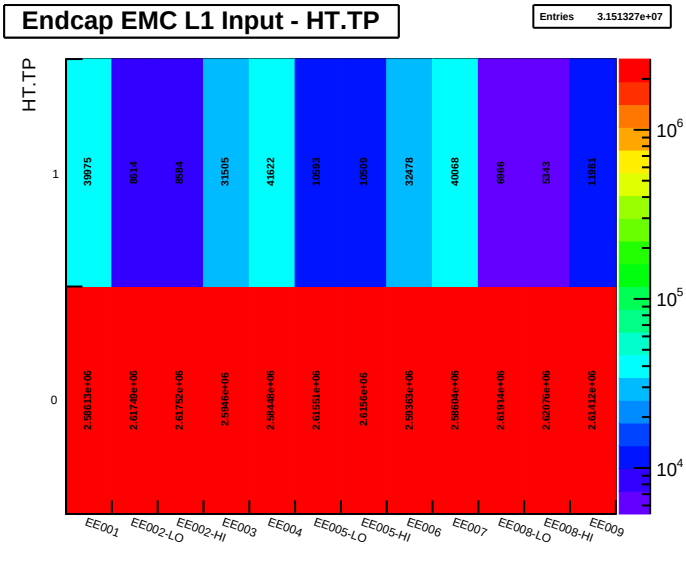

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

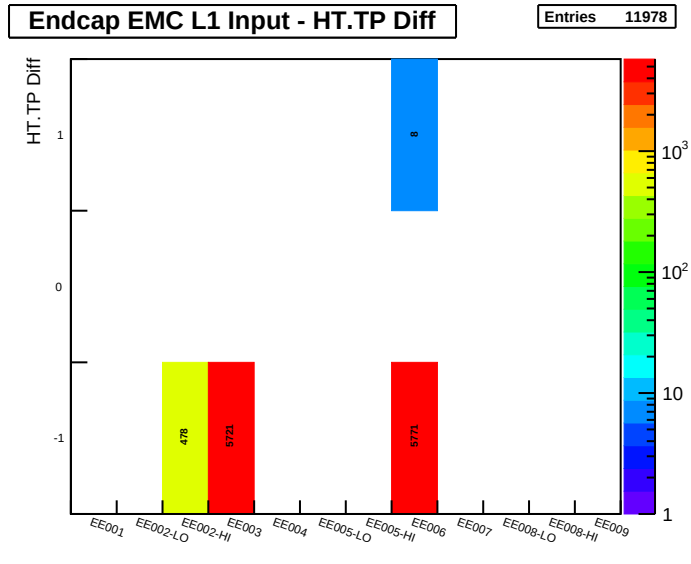

Endcap EMC L1 Input - HT-th0
Entries 3.151327e+07
HT-th0
EE101
EE102
1
0
4315 1015 1113 3889 4500 1366 1308 3655 4279 782 1201 1953
2.62179e+06 2.62509e+06 2.62499e+06 2.62229e+06 2.62161e+06 2.62274e+06 2.6248e+06 2.62245e+06 2.62183e+06 2.62532e+06 2.6249e+06 2.62415e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

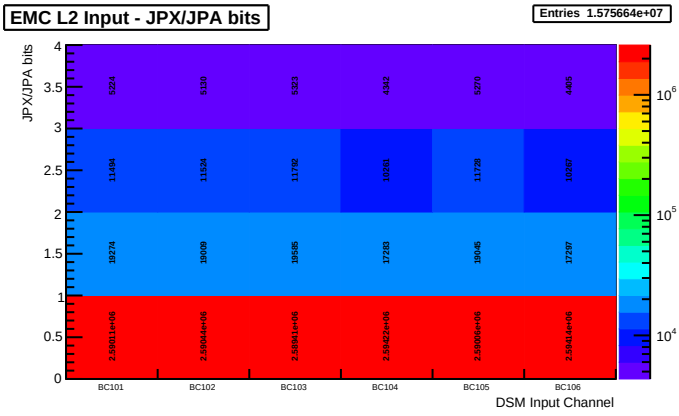

Endcap EMC L1 Input - HT-th0 Diff
Entries 131
HT-th0
EE101
EE102
1
0
-1
6
4 72 49
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

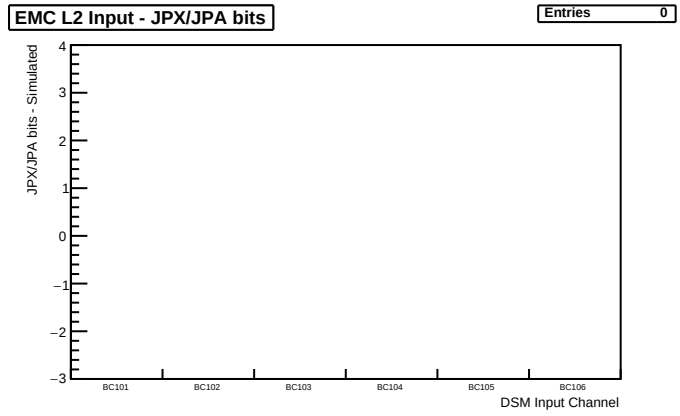

Endcap EMC L1 Input - HT-th1
Entries 3.151327e+07
HT-th1
EE101
EE102
1
0
2059 489 536 1879 2065 620 594 1776 2032 348 566 947
2.62405e+06 2.62502e+06 2.62557e+06 2.62423e+06 2.62404e+06 2.62549e+06 2.62551e+06 2.62433e+06 2.62407e+06 2.62576e+06 2.62554e+06 2.62516e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

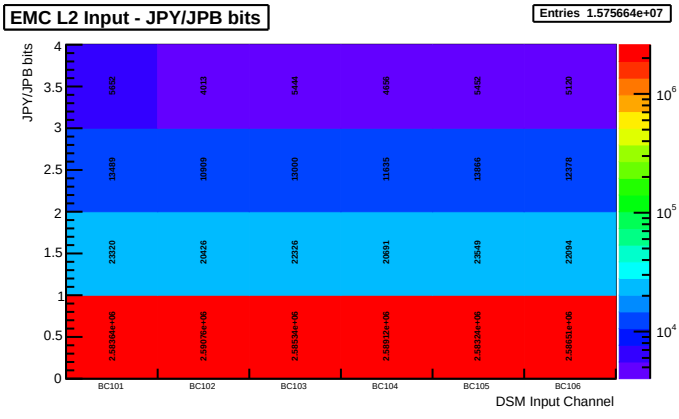

Endcap EMC L1 Input - HT-th1 Diff
Entries 45
HT-th1
EE101
EE102
1
0
-1
6
24 15
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

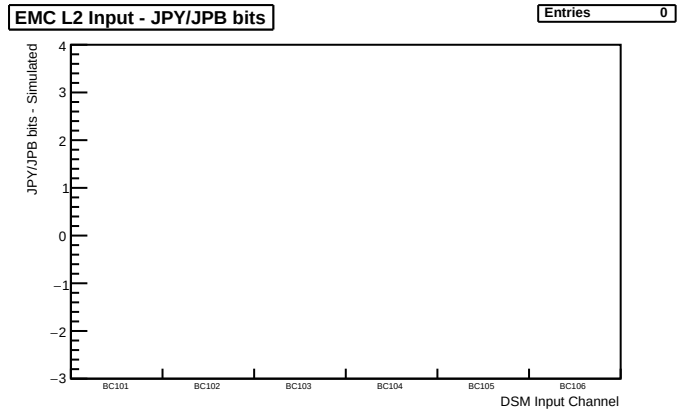

Endcap EMC L1 Input - HT.TP
Entries 3.151327e+07
HT.TP
1
0
39975 8614 8584 31505 41622 10593 10509 32478 40068 6956 5343 11981
2.56613e+06 2.61749e+06 2.61752e+06 2.5946e+06 2.58446e+06 2.61551e+06 2.6156e+06 2.59363e+06 2.58604e+06 2.61914e+06 2.62078e+06 2.61412e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

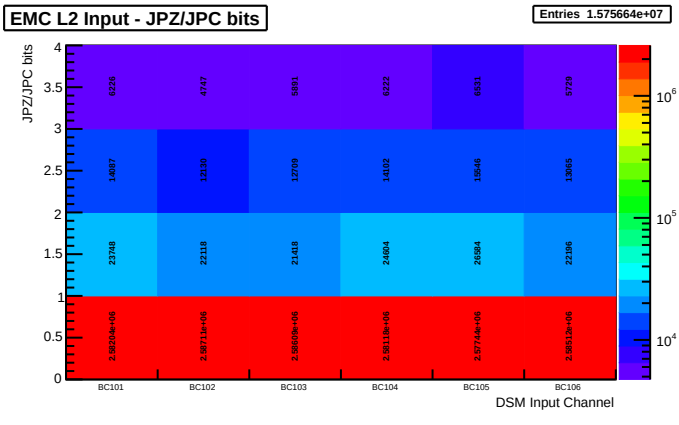

Endcap EMC L1 Input - HT.TP Diff
Entries 11978
HT.TP Diff
1
0
-1
8
478 5721 5771
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^3
10^2
10
1

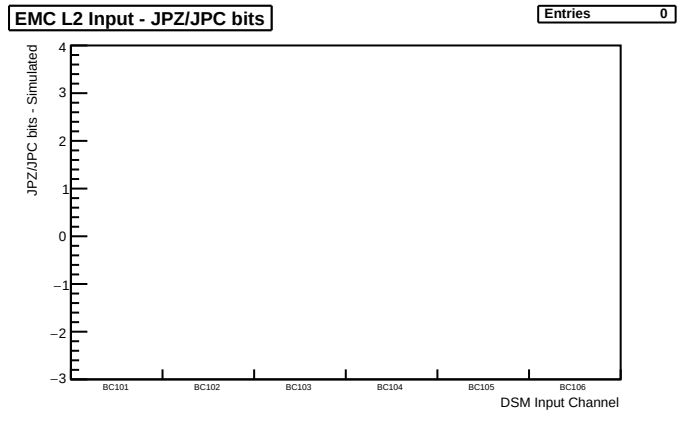

EMC L2 Input - JPX/JPA bits
Entries 1.575664e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

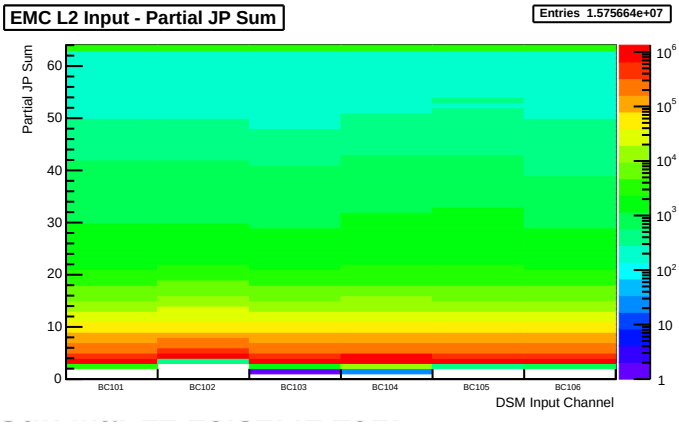

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

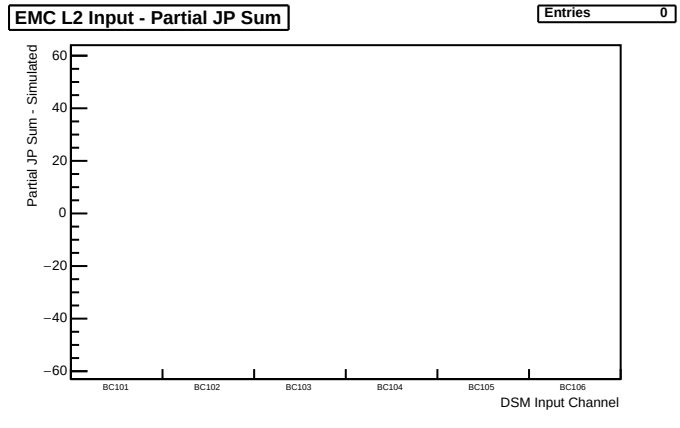

EMC L2 Input - JPY/JPB bits
Entries 1.575664e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

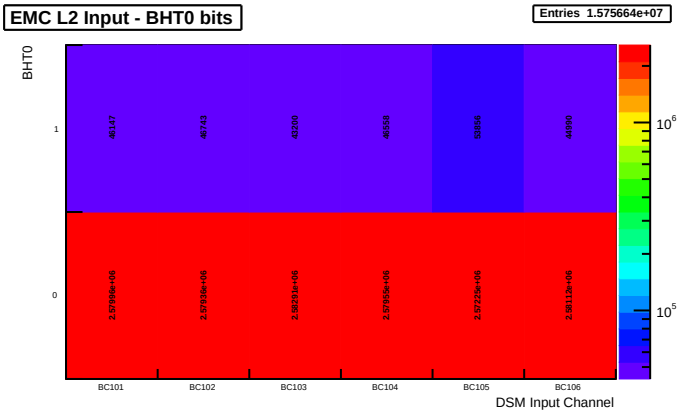

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

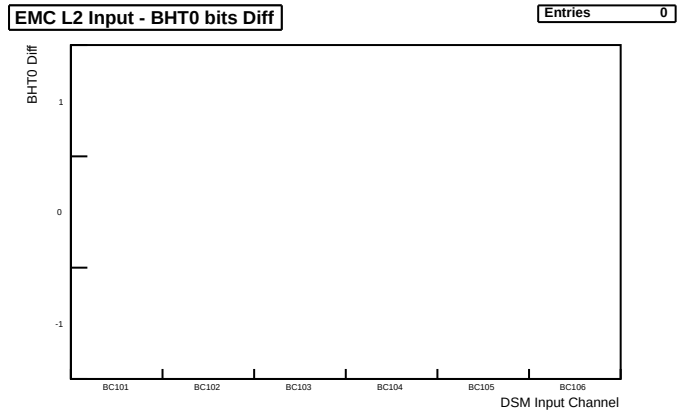

EMC L2 Input - JPZ/JPC bits
Entries 1.575664e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

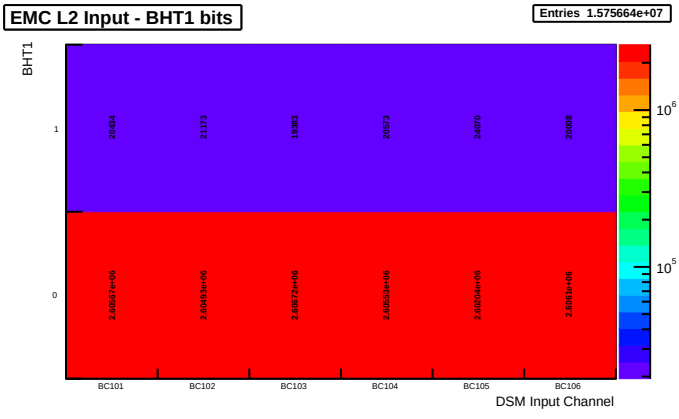

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

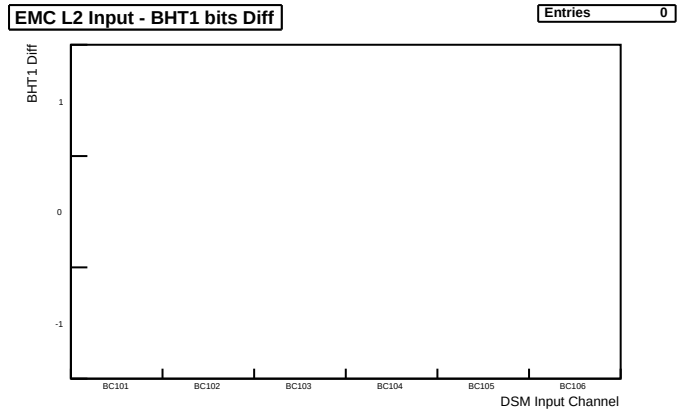

EMC L2 Input - Partial JP Sum
Entries 1.575664e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

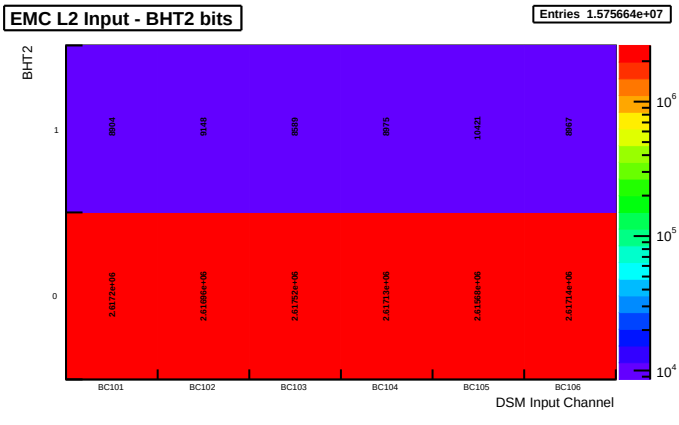

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

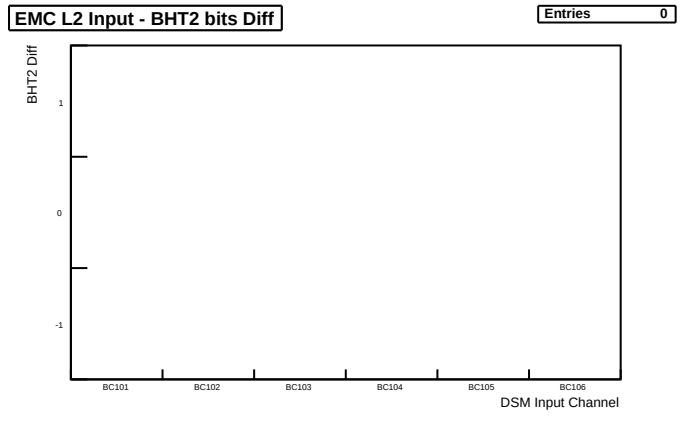

EMC L2 Input - BHT0 bits
Entries 1.575664e+07
BHT0
46147
46743
45200
46558
53856
44980
2.57998e+06
2.57936e+06
2.58291e+06
2.57955e+06
2.57225e+06
2.58112e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

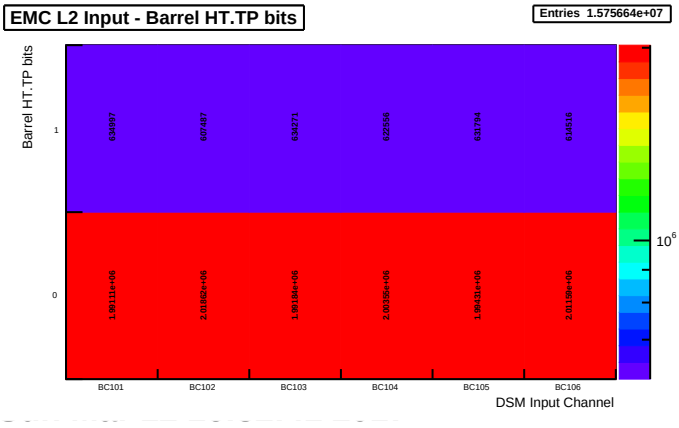

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

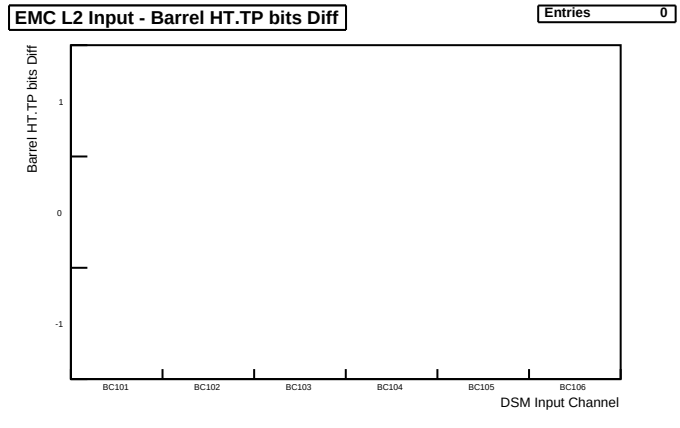

EMC L2 Input - BHT1 bits
Entries 1.575664e+07
BHT1
21434
21173
19383
20573
24070
20008
2.60677e+06
2.60493e+06
2.60725e+06
2.60653e+06
2.60204e+06
2.60616e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

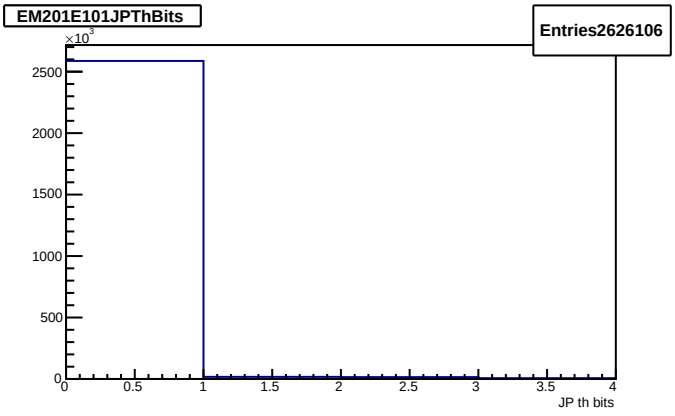

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

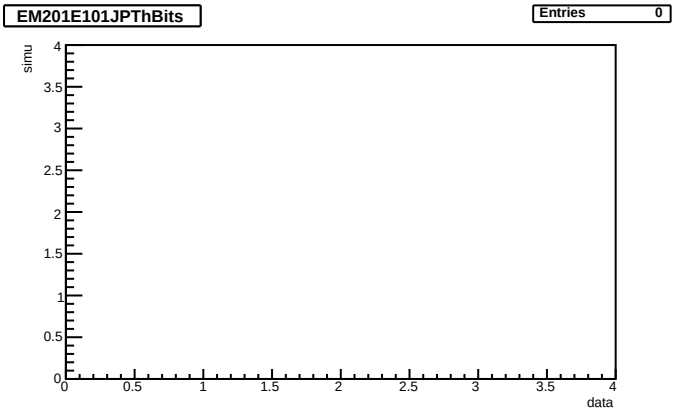

EMC L2 Input - BHT2 bits
Entries 1.575664e+07
BHT2
8934
9148
8539
8975
10421
8867
2.61726e+06
2.61656e+06
2.61752e+06
2.61713e+06
2.61568e+06
2.61714e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

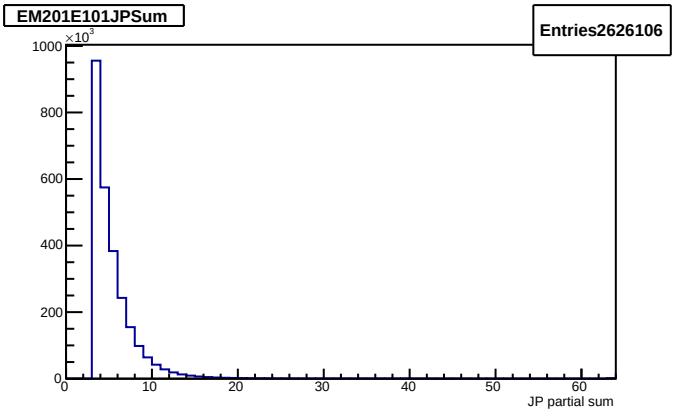

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

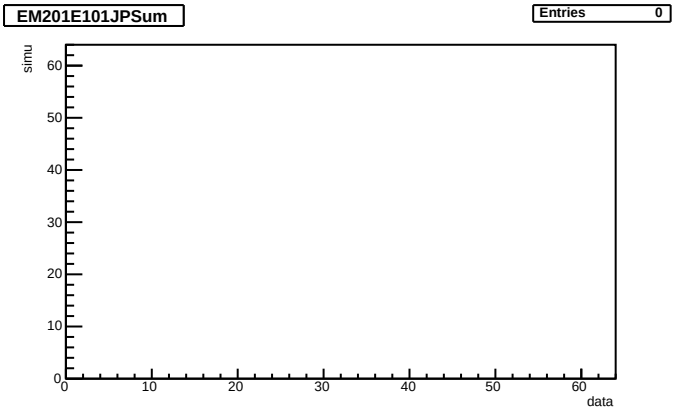

EMC L2 Input - Barrel HT.TP bits
Entries 1.575664e+07
Barrel HT.TP bits
634597
607487
634271
622556
631734
614516
1.99111e+06
2.01862e+06
1.99194e+06
2.00355e+06
1.99431e+06
2.01159e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

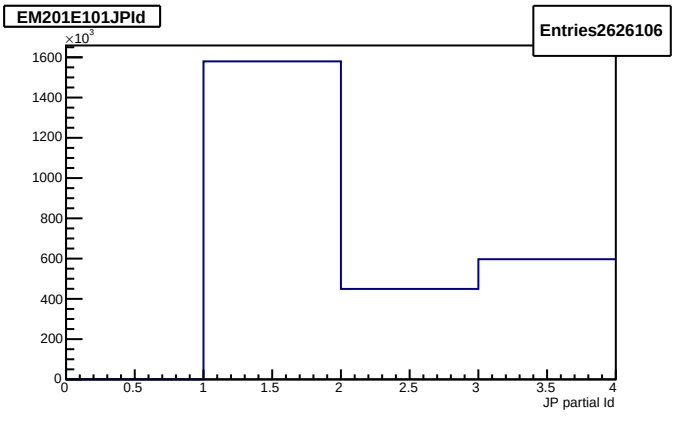

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

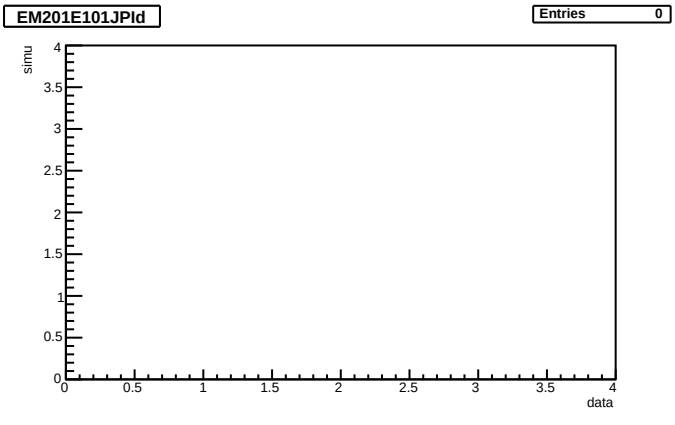

EM201E101JPThBits
Entries2626106
×10^3
JP th bits

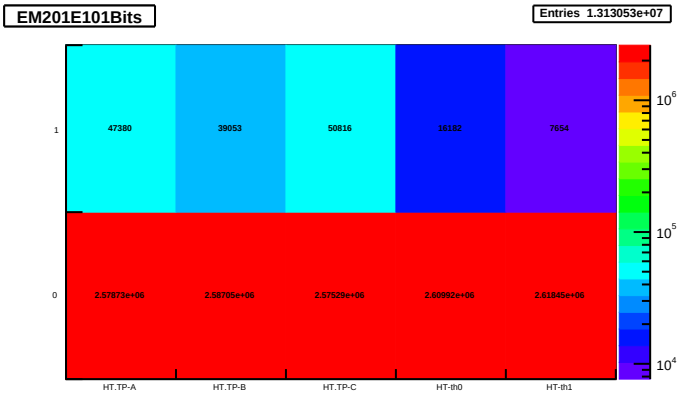

EM201E101JPThBits
Entries 0
simu
data

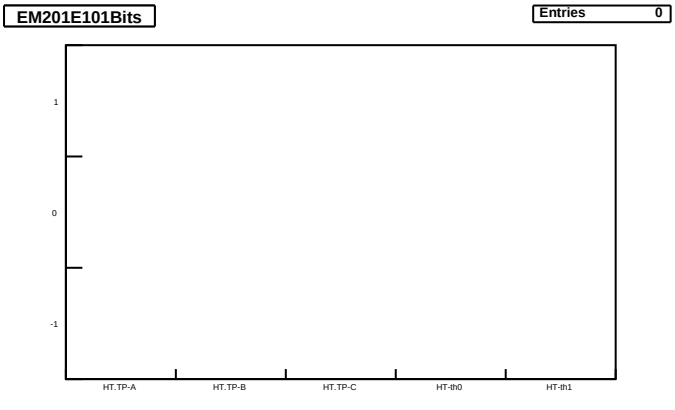

EM201E101JPSum
Entries2626106
×10^3
JP partial sum

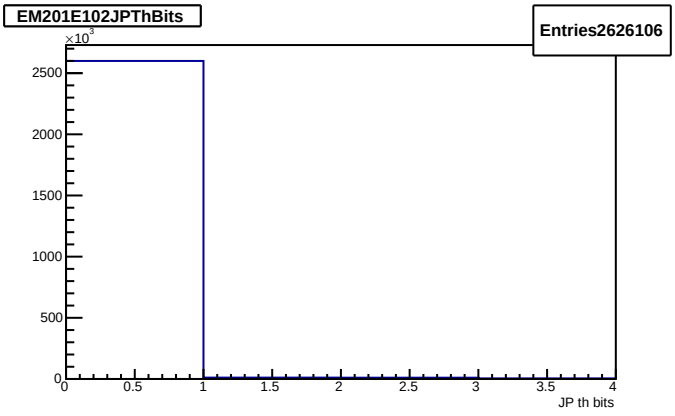

EM201E101JPSum
Entries 0
simu
data

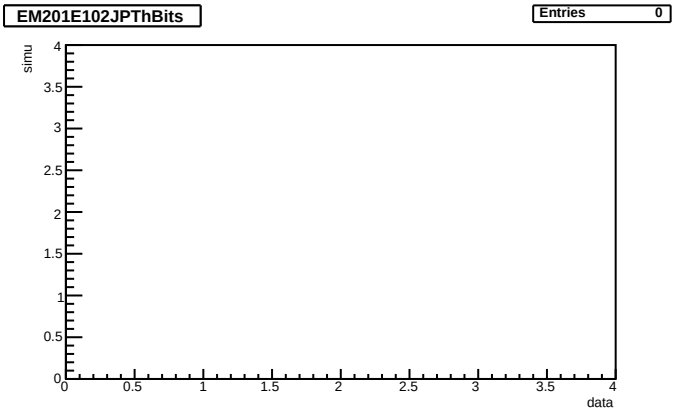

EM201E101JPId
Entries2626106
×10^3
JP partial Id

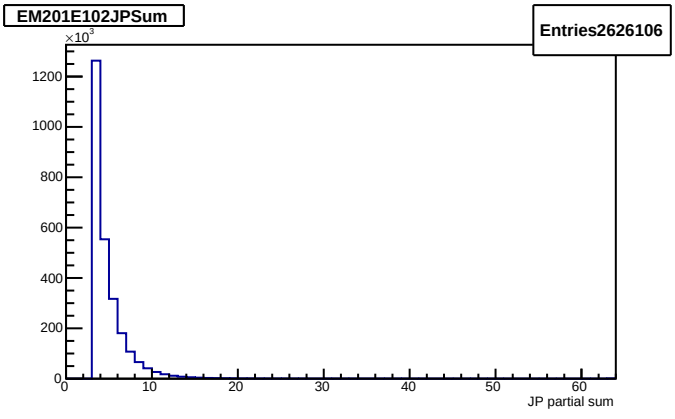

EM201E101JPId
Entries 0
simu
data

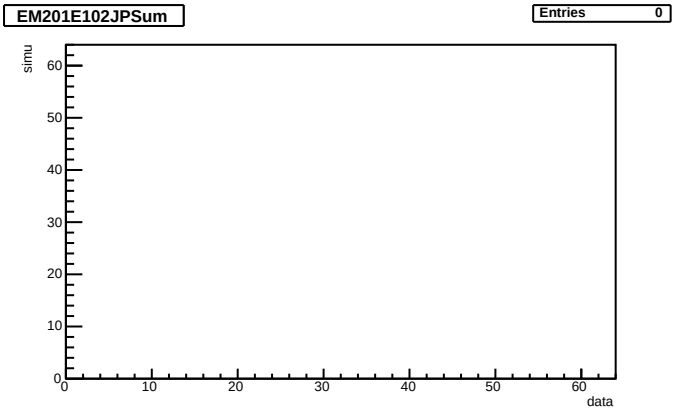

EM201E101Bits
Entries 1.313053e+07
47380
39053
50816
16182
7654
2.57873e+06
2.58705e+06
2.57529e+06
2.60992e+06
2.61845e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

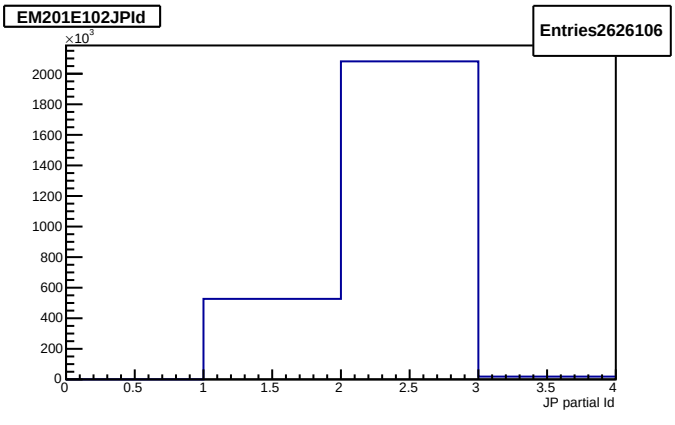

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

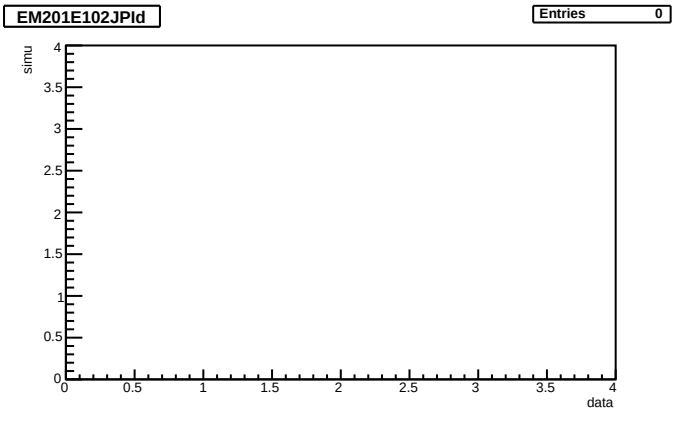

EM201E102JPThBits
Entries2626106
×10^3
JP th bits

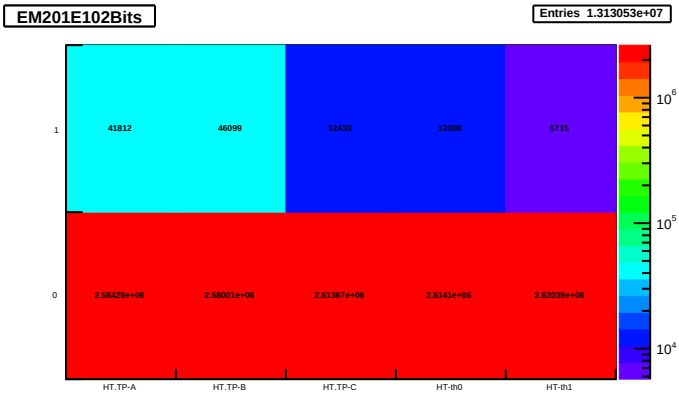

EM201E102JPThBits
Entries 0
simu
data

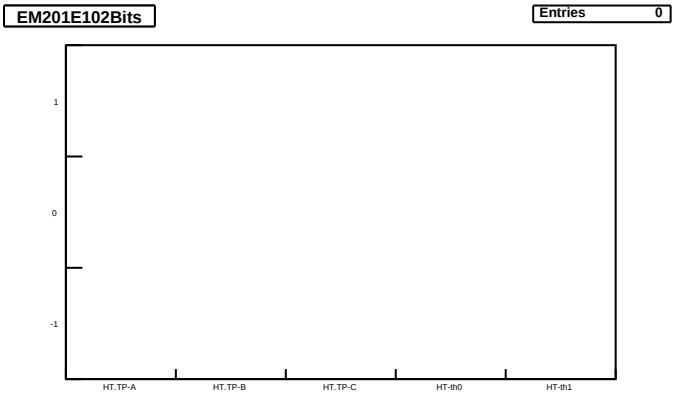

EM201E102JPSum
Entries2626106
×10^3
JP partial sum

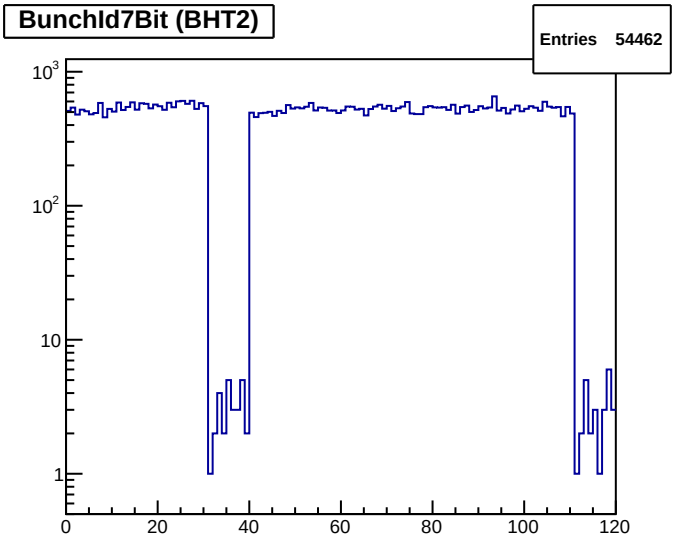

EM201E102JPSum
Entries 0
simu
data

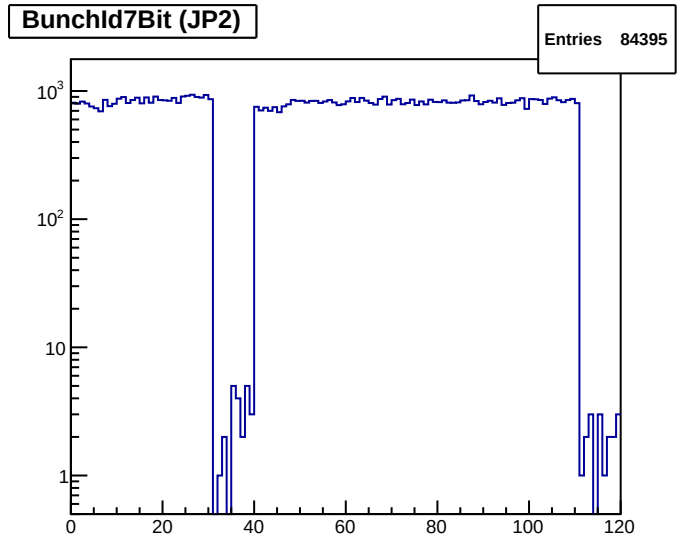

EM201E102JPId
Entries2626106
×10^3
JP partial Id

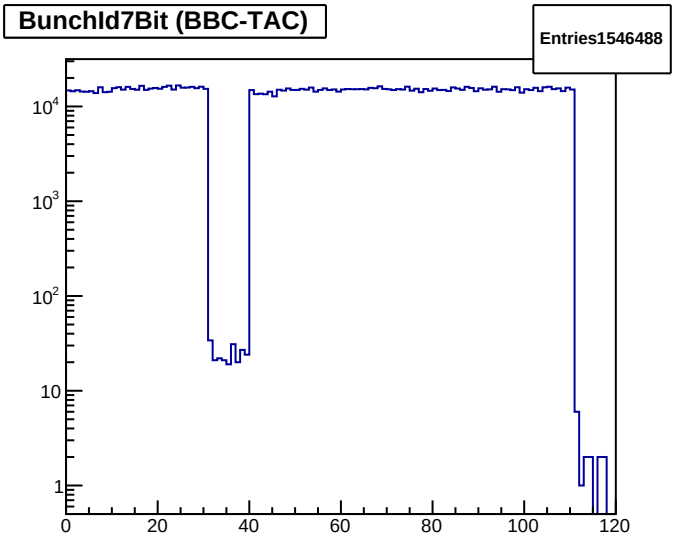

EM201E102JPId
Entries 0
simu
data

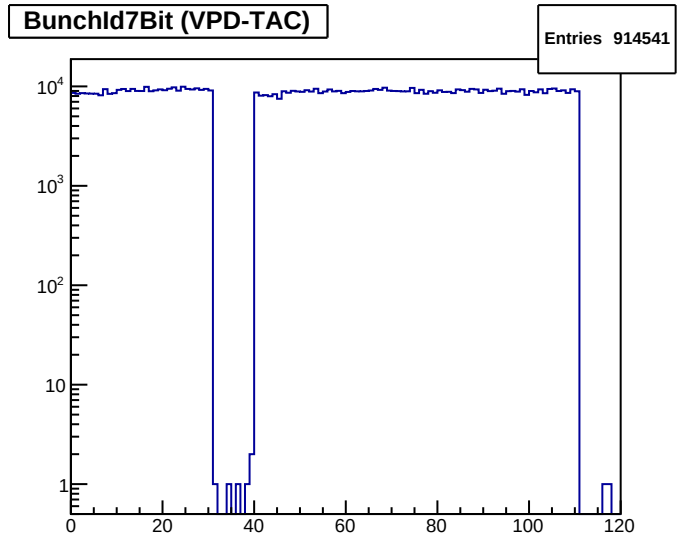

EM201E102Bits
Entries 1.313053e+07
41812
46099
12433
12008
5715
2.58429e+06
2.58001e+06
2.61367e+06
2.6141e+06
2.62039e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

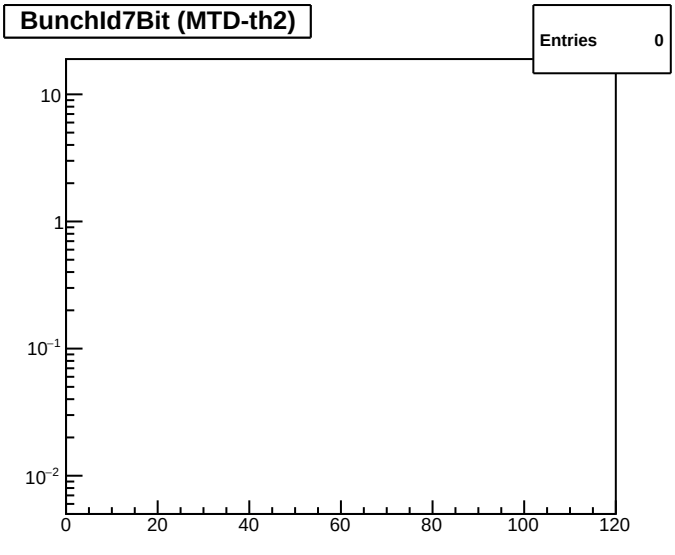

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

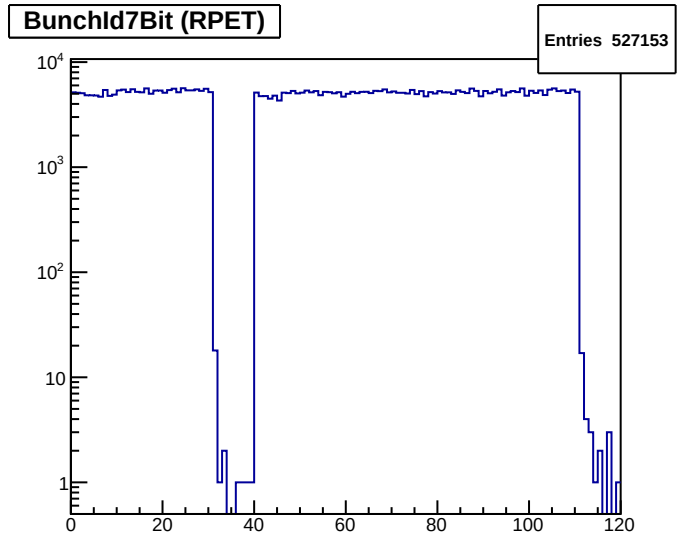

BunchId7Bit (BHT2)
Entries 54462

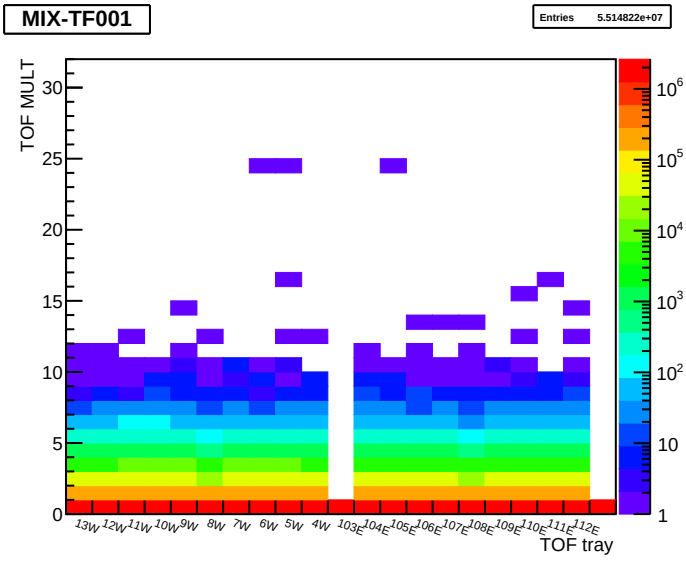

BunchId7Bit (JP2)
Entries 84395

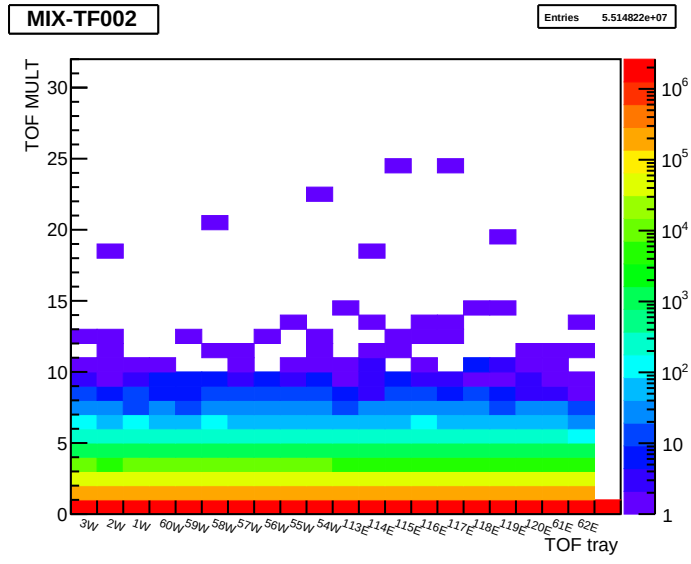

BunchId7Bit (BBC-TAC)
Entries1546488

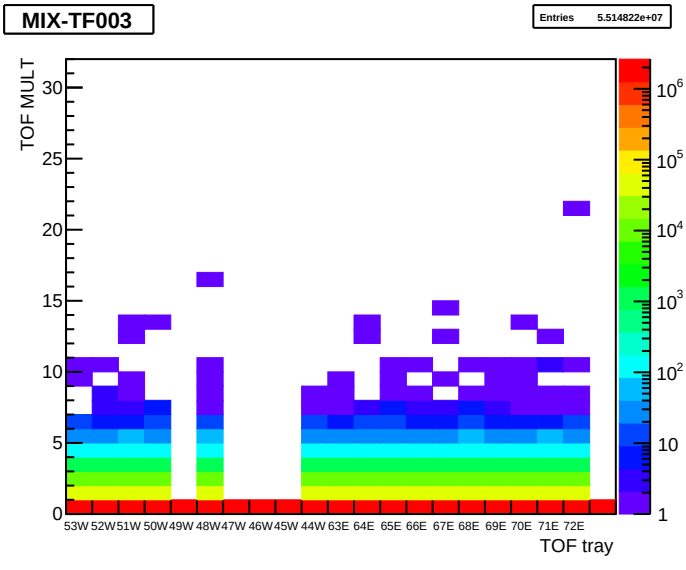

BunchId7Bit (VPD-TAC)
Entries 914541

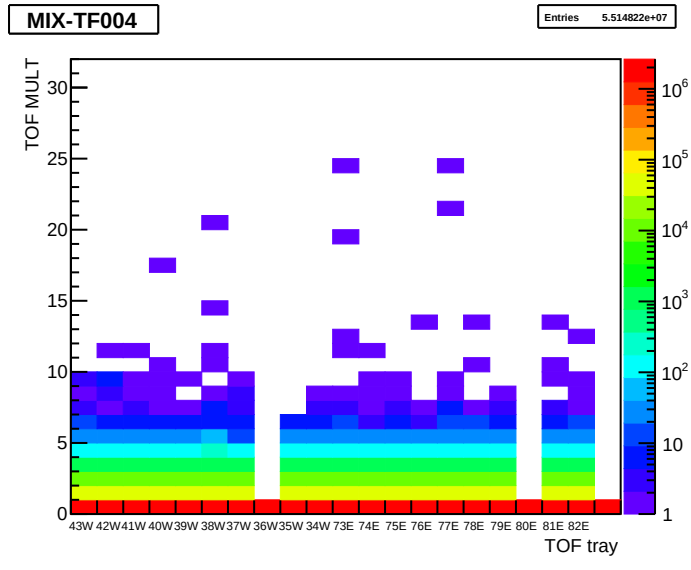

BunchId7Bit (MTD-th2)
Entries 0

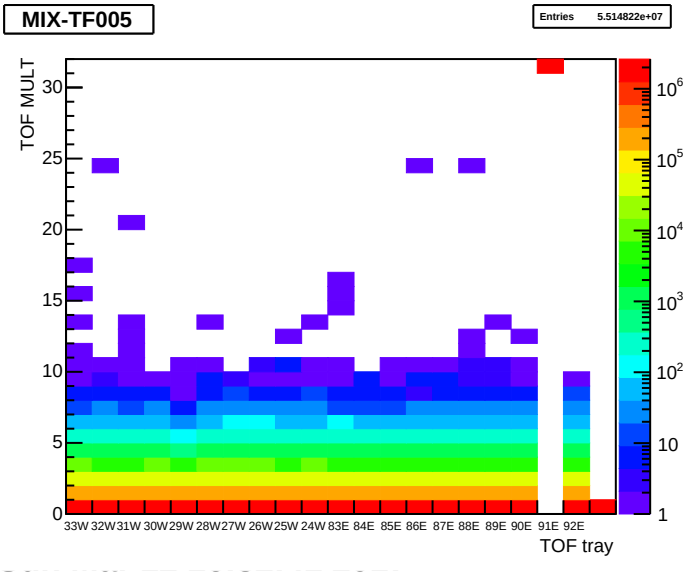

BunchId7Bit (RPET)
Entries 527153

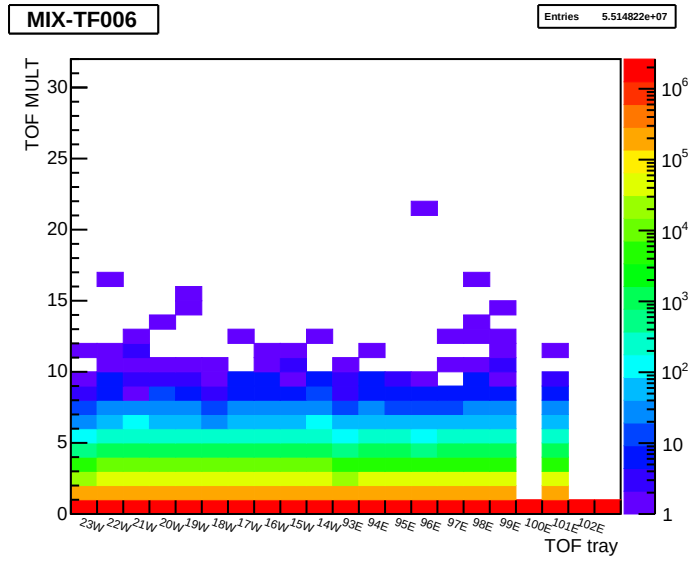

MIX-TF001
Entries 5.514822e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

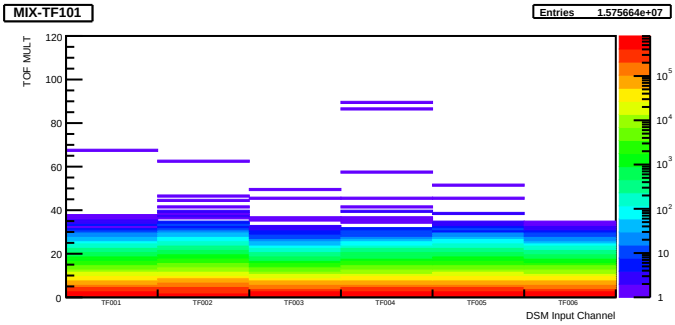

MIX-TF002
Entries 5.514822e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

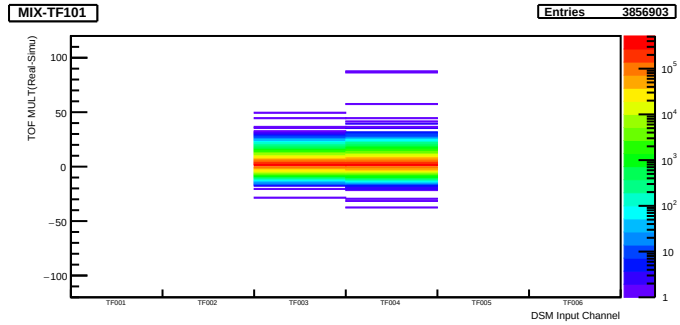

MIX-TF003
Entries 5.514822e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

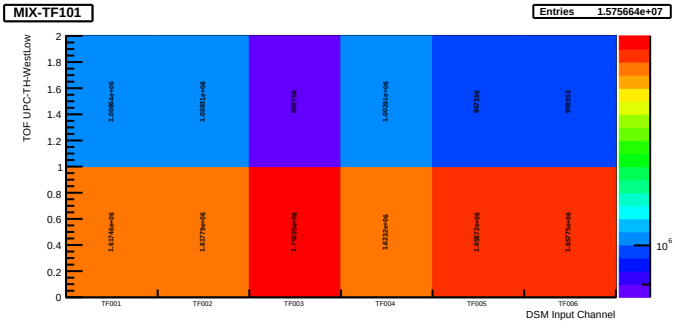

MIX-TF004
Entries 5.514822e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

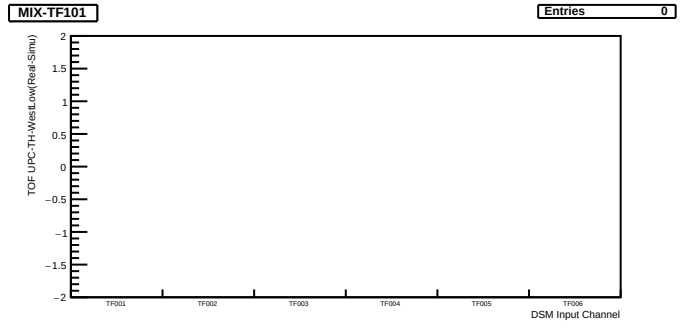

MIX-TF005
Entries 5.514822e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

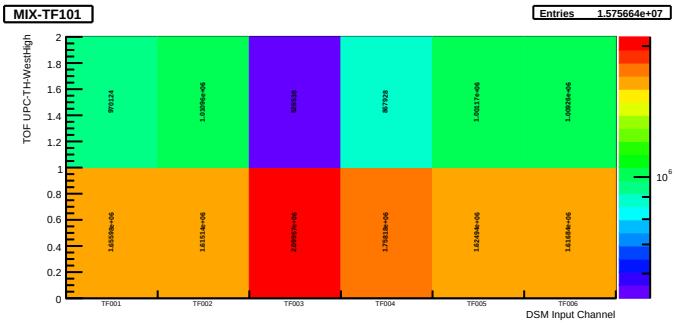

MIX-TF006
Entries 5.514822e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

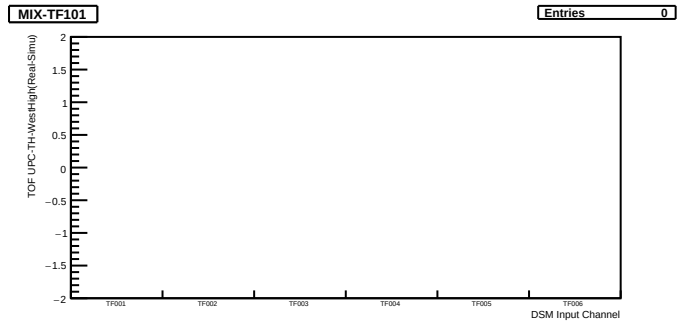

MIX-TF101
Entries 1.575664e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

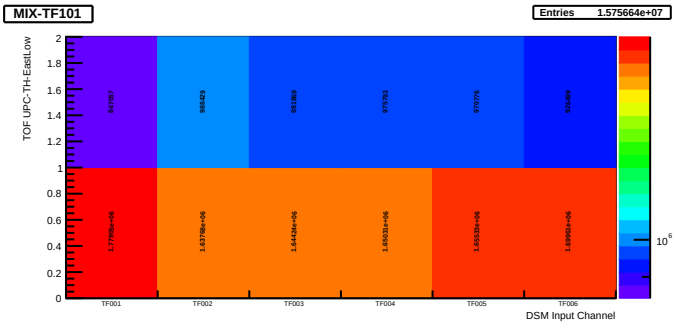

MIX-TF101
Entries 3856903
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

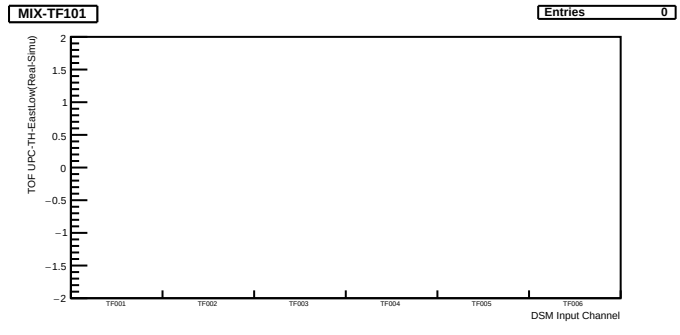

MIX-TF101
Entries 1.575664e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

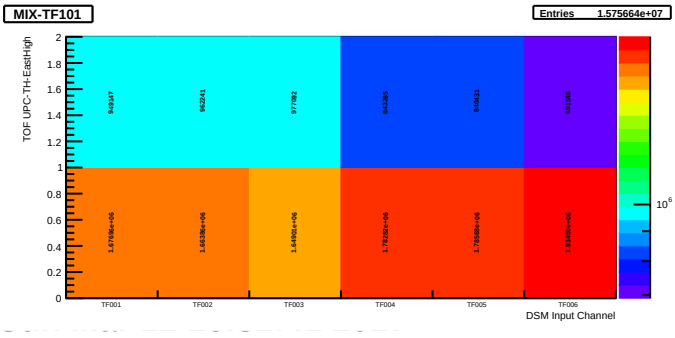

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

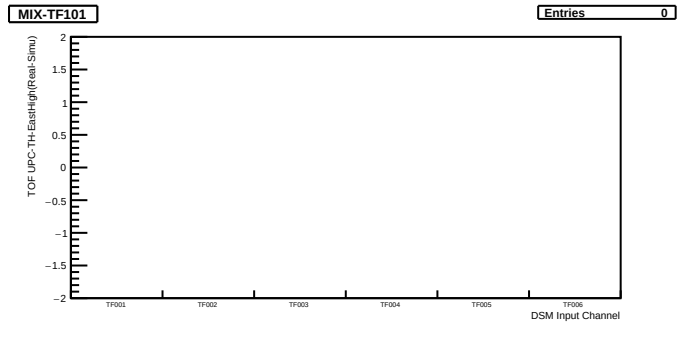

MIX-TF101
Entries 1.575664e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

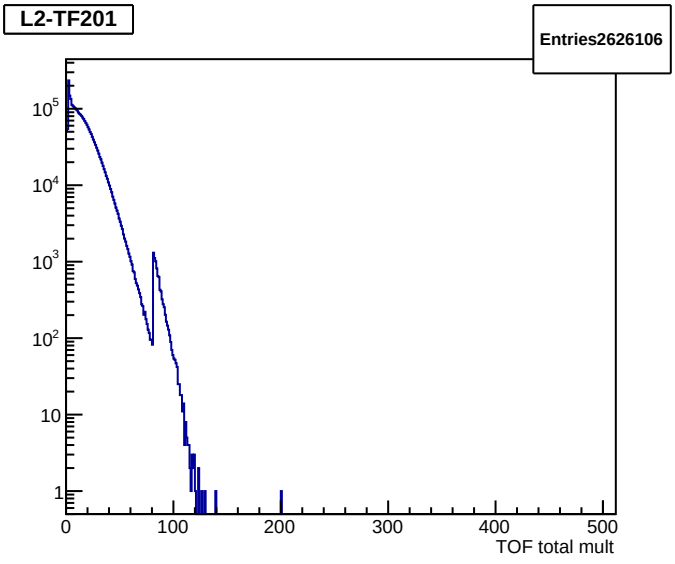

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

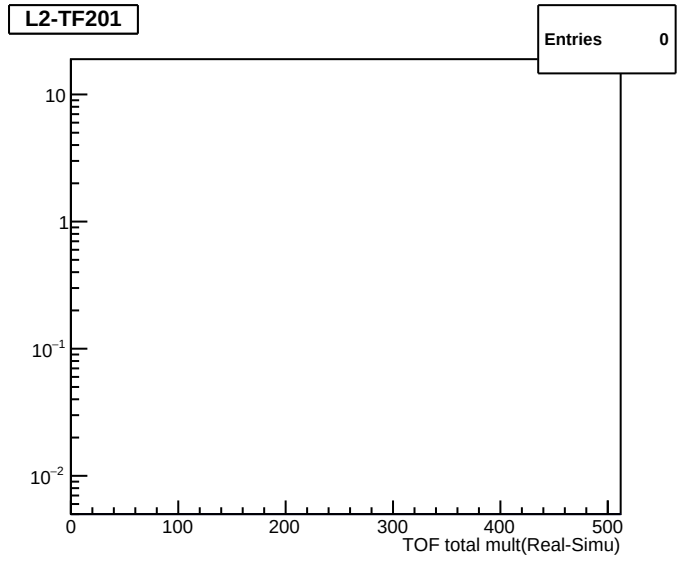

MIX-TF101
Entries 1.575664e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

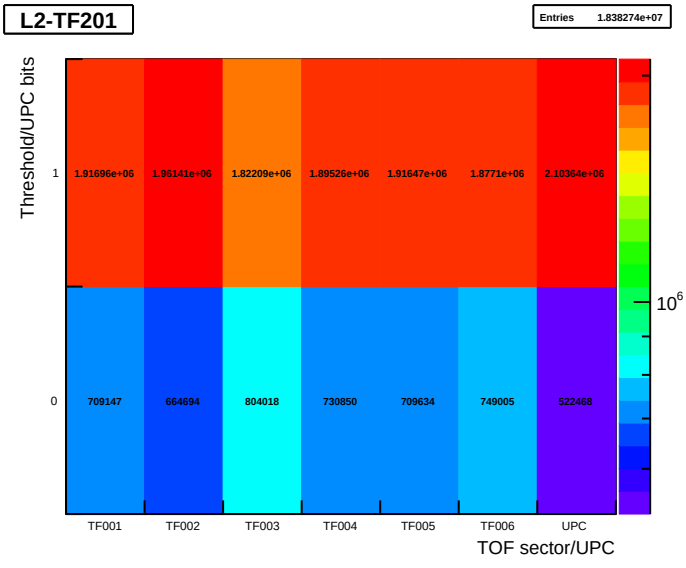

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

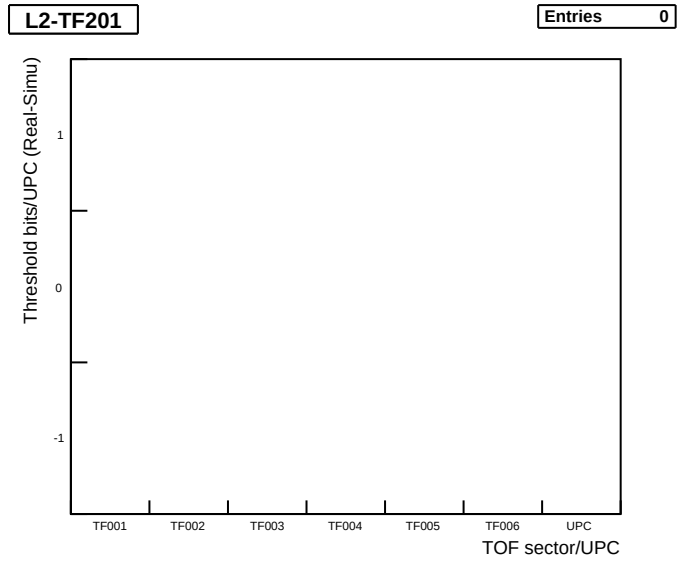

MIX-TF101
Entries 1.575664e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

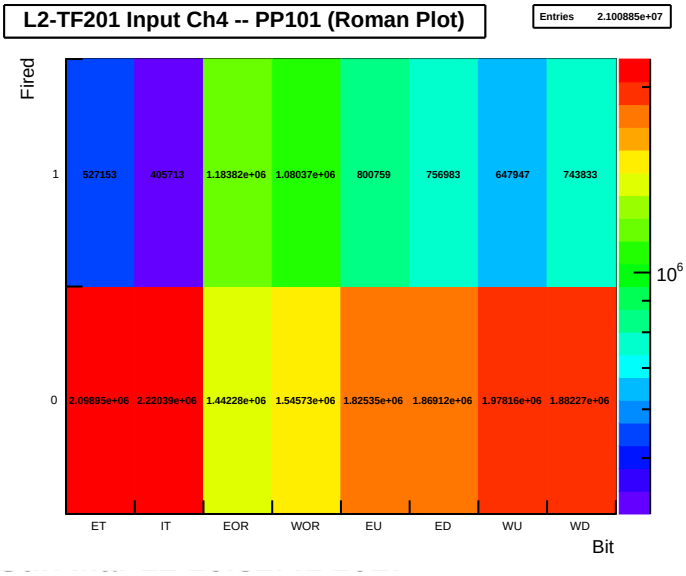

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

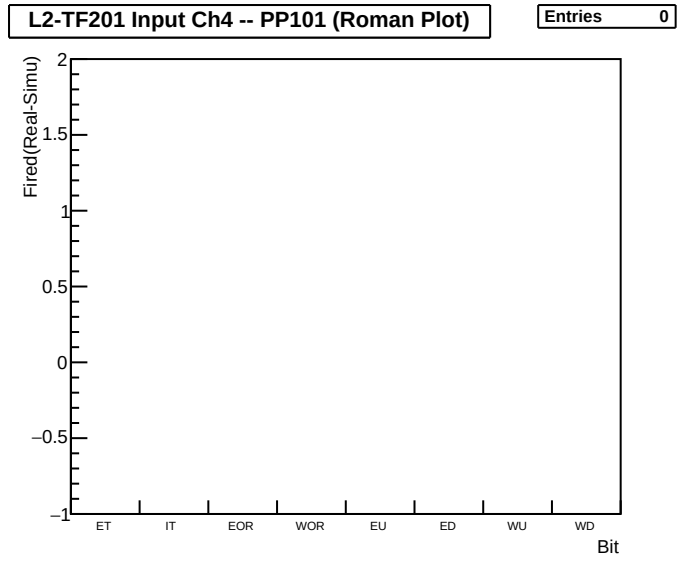

L2-TF201
Entries2626106
TOF total mult

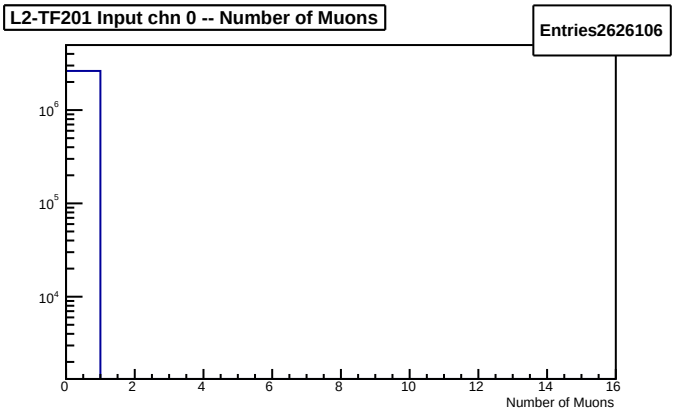

L2-TF201
Entries 0
TOF total mult(Real-Simu)

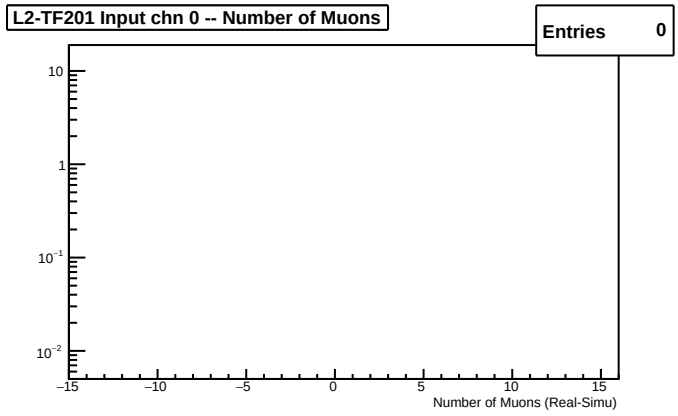

L2-TF201
Entries 1.838274e+07
Threshold/UPC bits
1.91696e+06
1.96141e+06
1.82209e+06
1.89526e+06
1.91647e+06
1.8771e+06
2.10364e+06
709147
664694
804018
730850
709634
749005
522468
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

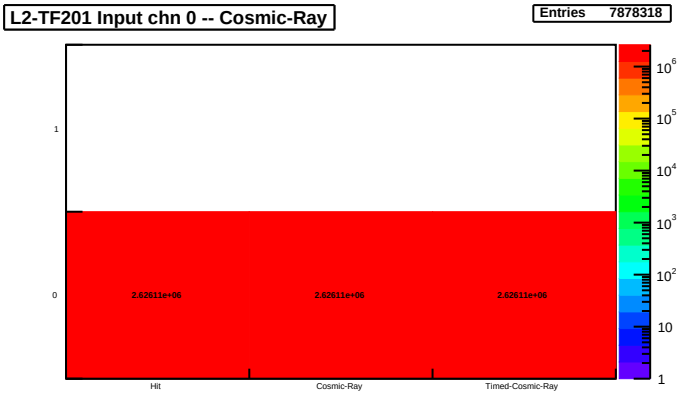

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

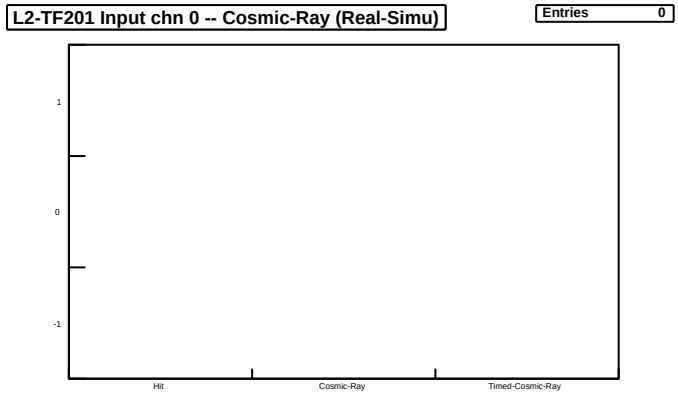

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.100885e+07
Fired
527153
405713
1.18382e+06
1.08037e+06
800759
756983
647947
743833
2.09895e+06
2.22039e+06
1.44228e+06
1.54573e+06
1.82535e+06
1.86912e+06
1.97816e+06
1.88227e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

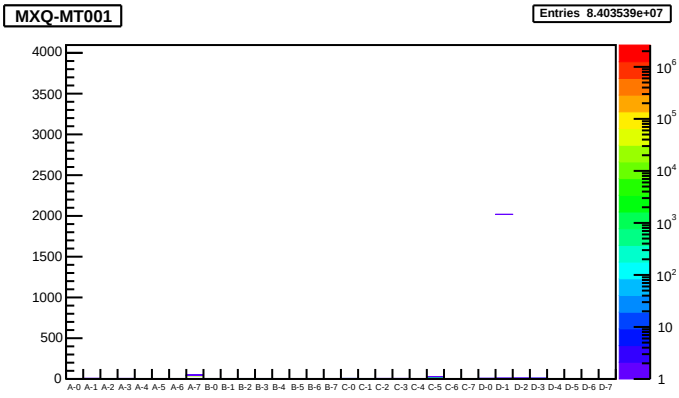

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

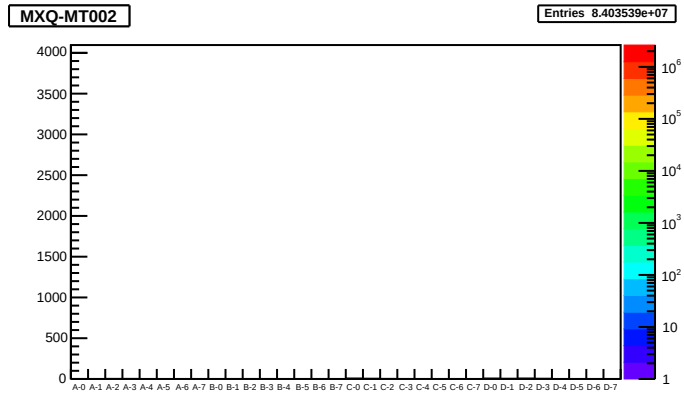

L2-TF201 Input chn 0 -- Number of Muons
Entries2626106
Number of Muons

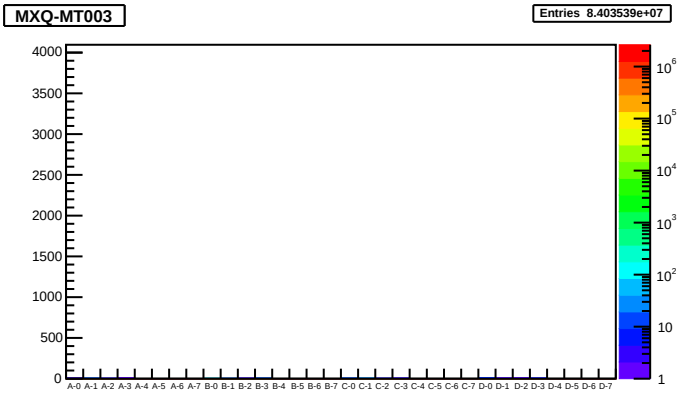

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

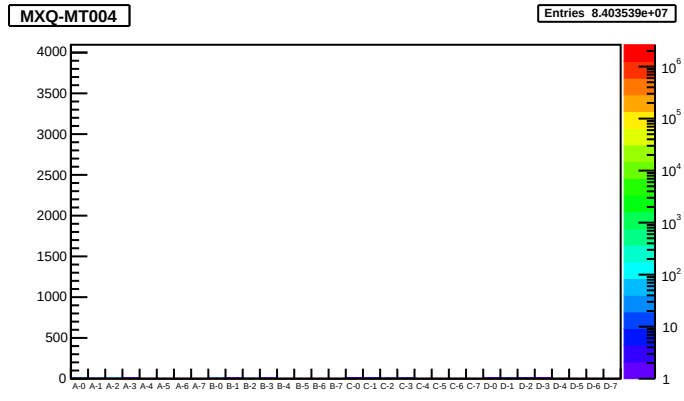

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7878318
2.62611e+06
2.62611e+06
2.62611e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

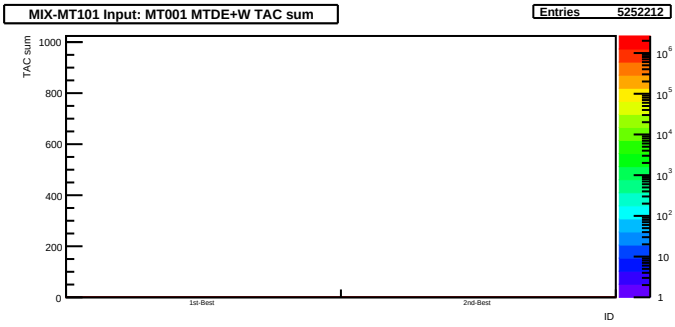

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

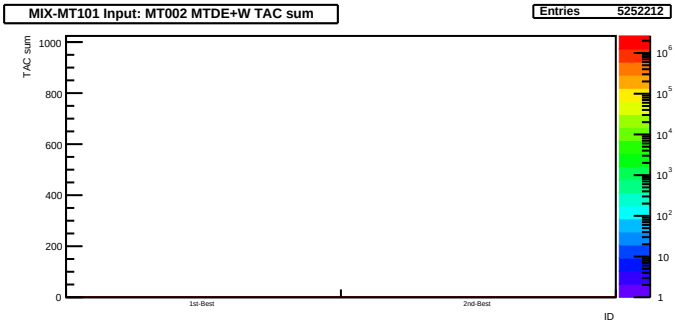

MXQ-MT001
Entries 8.403539e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

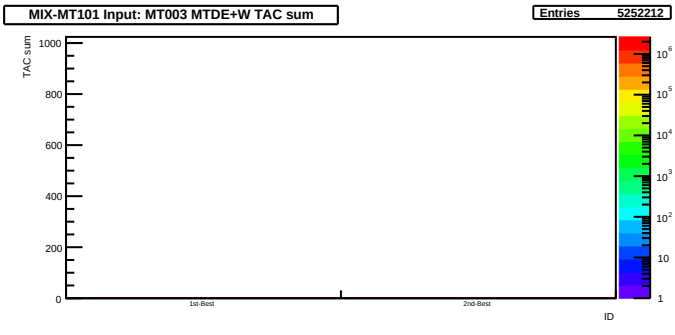

MXQ-MT002
Entries 8.403539e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

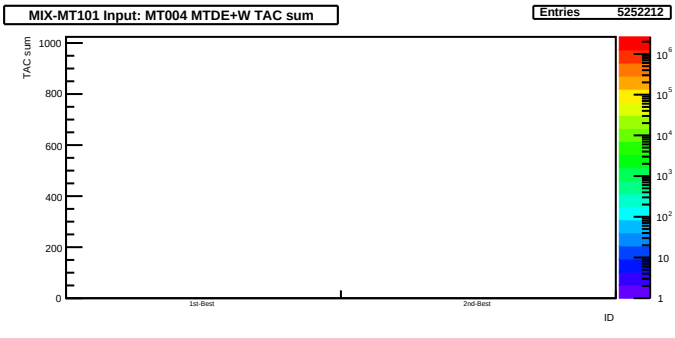

MXQ-MT003
Entries 8.403539e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

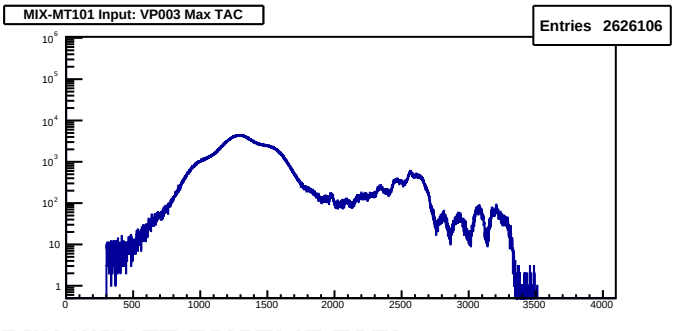

MXQ-MT004
Entries 8.403539e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

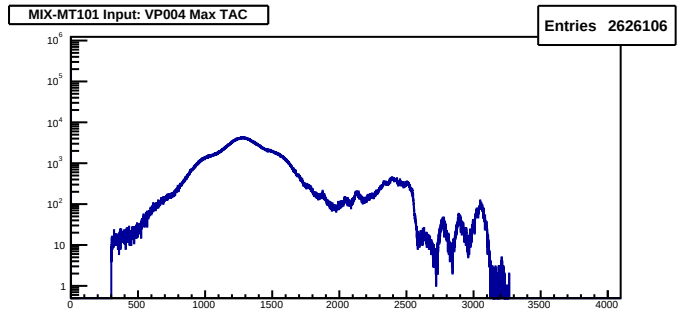

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5252212
TAC sum
1st-Best
2nd-Best
ID

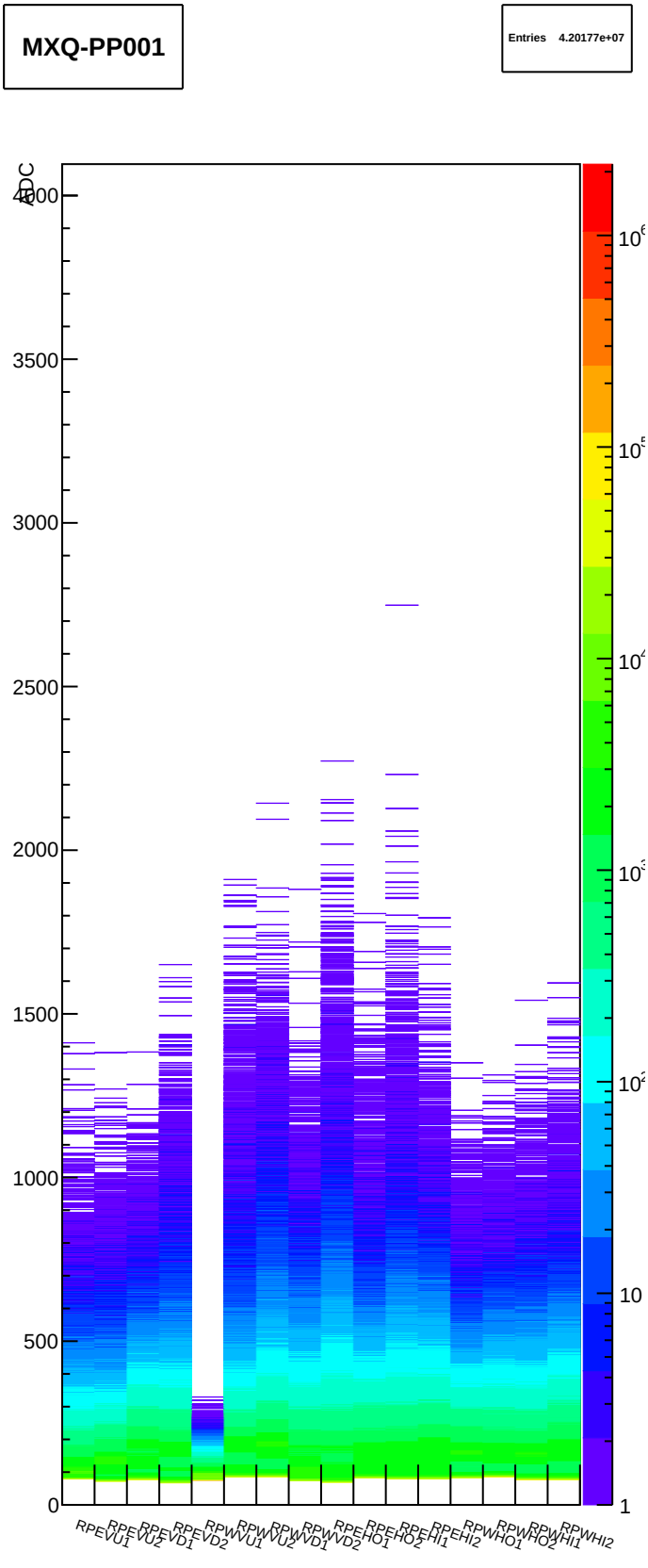

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5252212
TAC sum
1st-Best
2nd-Best
ID

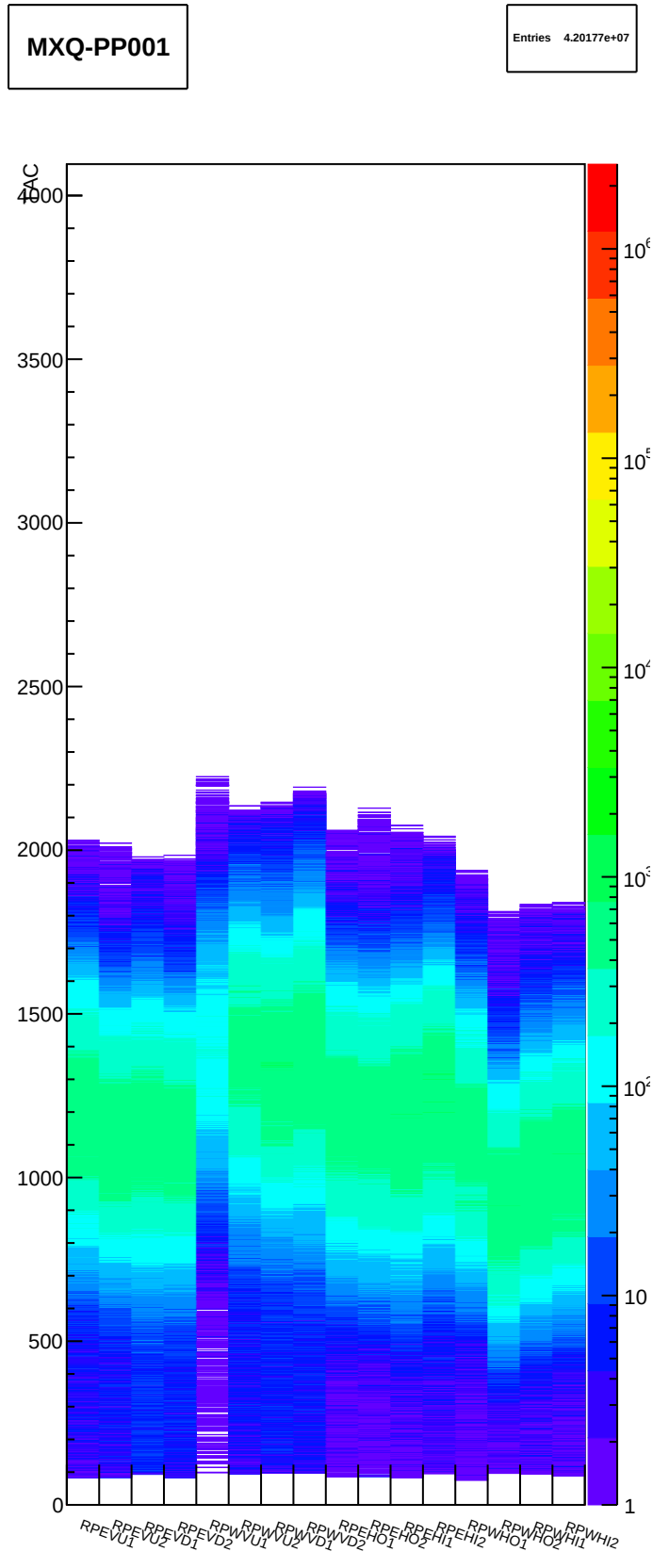

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5252212
TAC sum
1st-Best
2nd-Best
ID

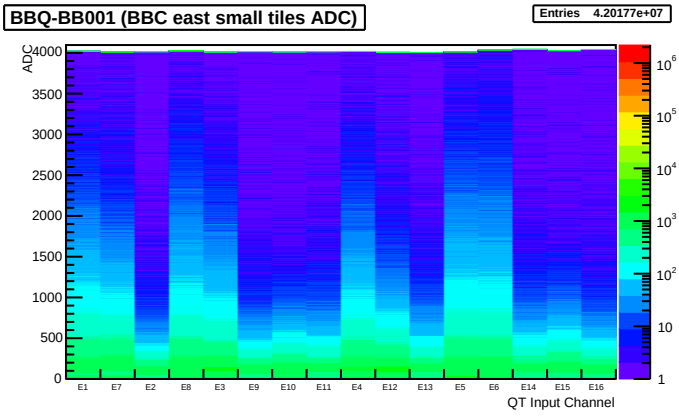

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5252212
TAC sum
1st-Best
2nd-Best
ID

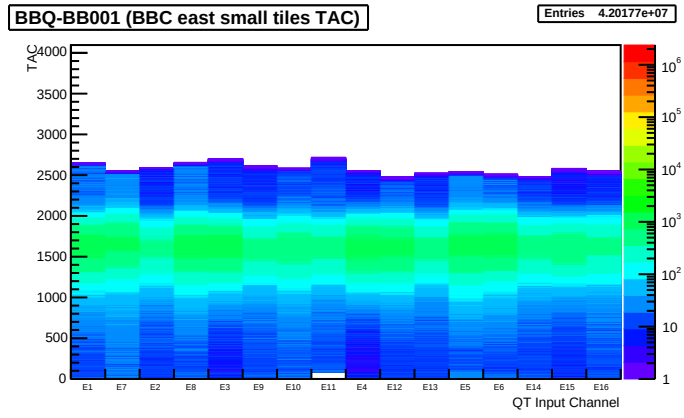

MIX-MT101 Input: VP003 Max TAC
Entries 2626106

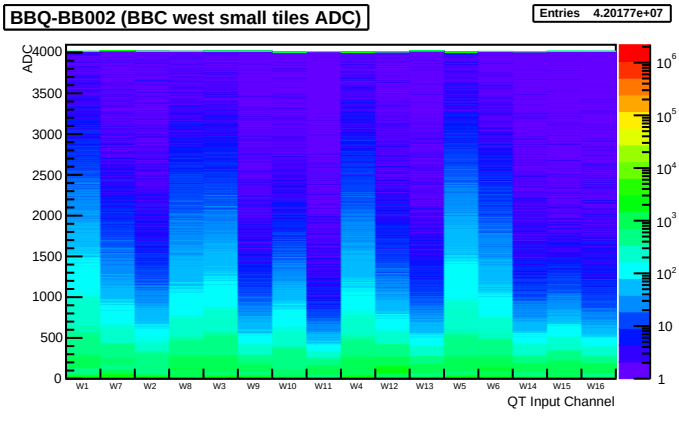

MIX-MT101 Input: VP004 Max TAC
Entries 2626106

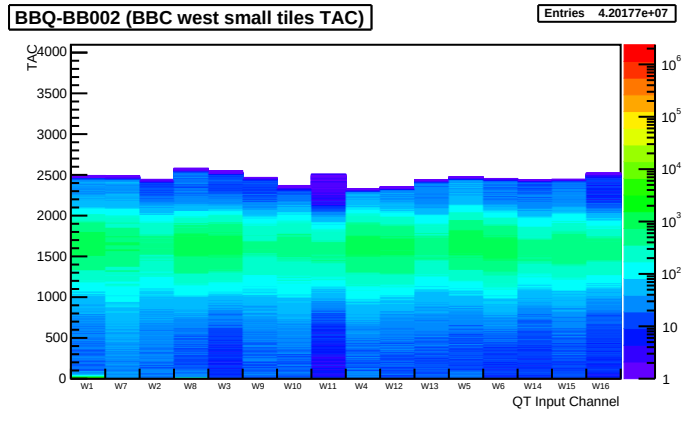

MXQ-PP001
Entries 4.20177e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

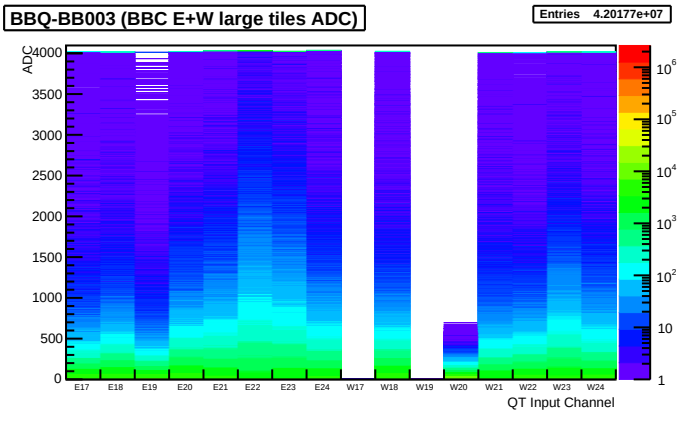

MXQ-PP001
Entries 4.20177e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

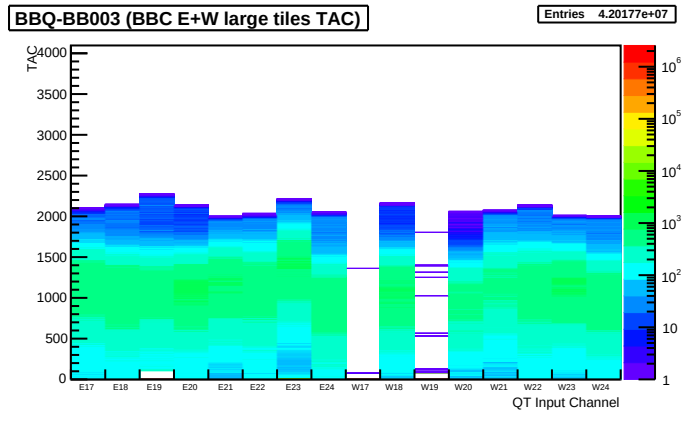

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.20177e+07
ADC
QT Input Channel

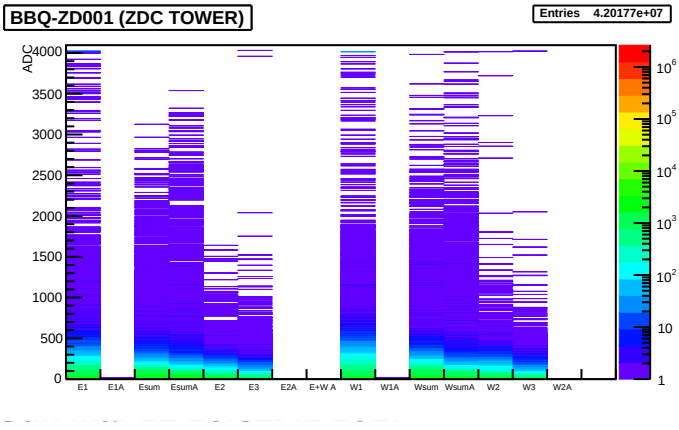

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.20177e+07
TAC
QT Input Channel

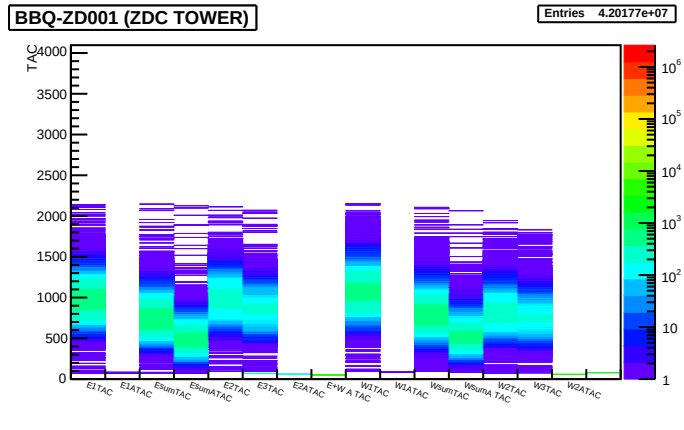

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.20177e+07
ADC
QT Input Channel

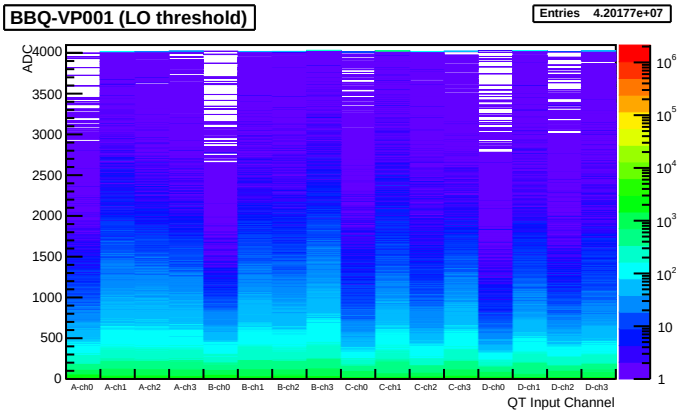

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.20177e+07
TAC
QT Input Channel

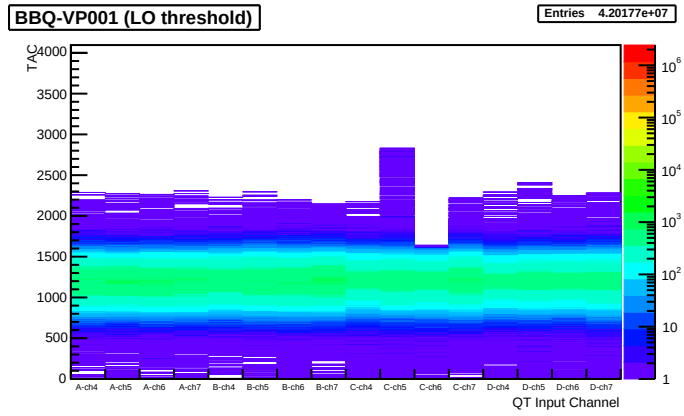

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.20177e+07
ADC
QT Input Channel

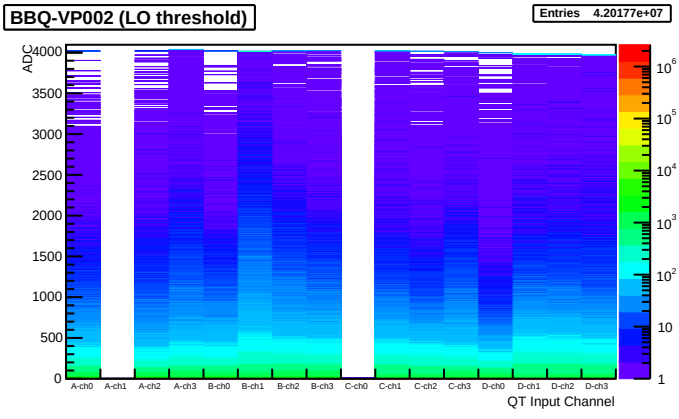

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.20177e+07
TAC
QT Input Channel

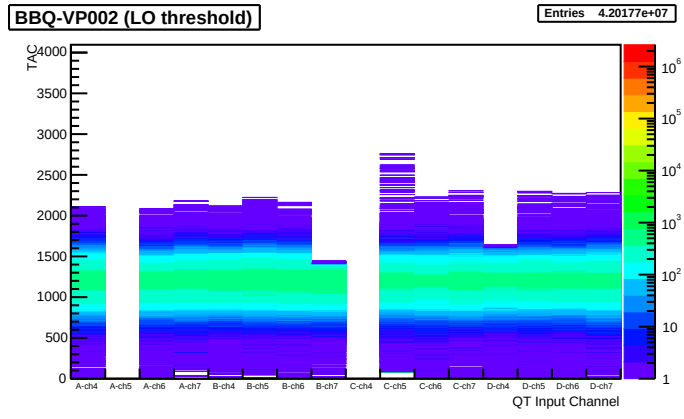

BBQ-ZD001 (ZDC TOWER)
Entries 4.20177e+07
ADC

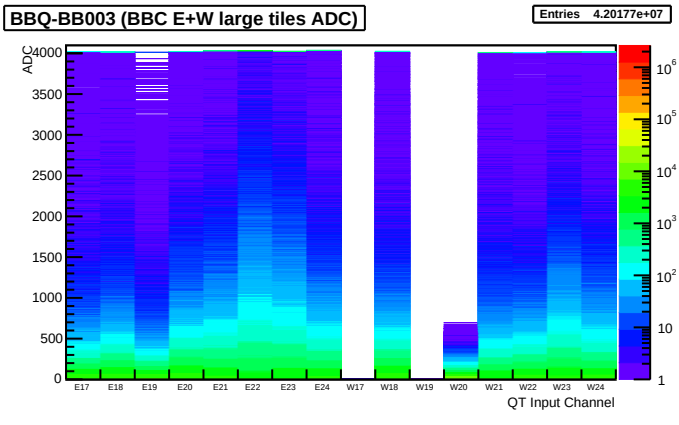

BBQ-ZD001 (ZDC TOWER)
Entries 4.20177e+07
TAC

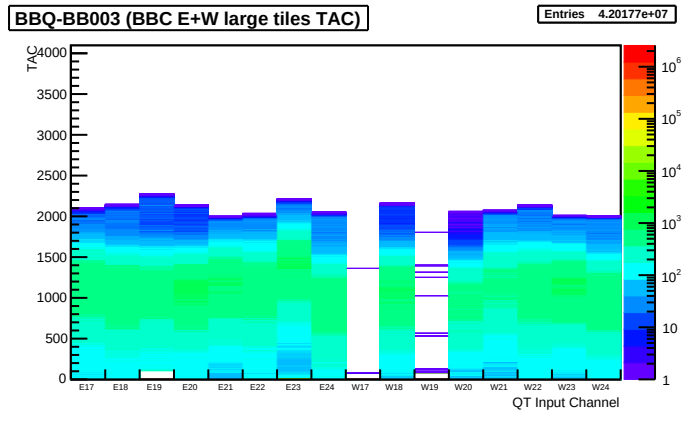

BBQ-VP001 (LO threshold)
Entries 4.20177e+07
ADC
QT Input Channel

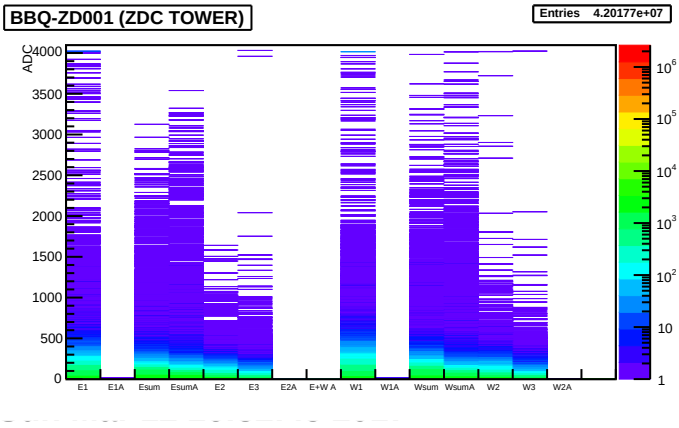

BBQ-VP001 (LO threshold)
Entries 4.20177e+07
TAC
QT Input Channel

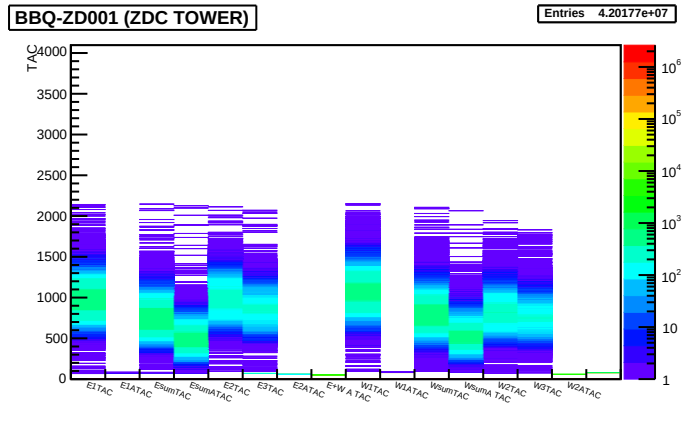

BBQ-VP002 (LO threshold)
Entries 4.20177e+07
ADC
QT Input Channel

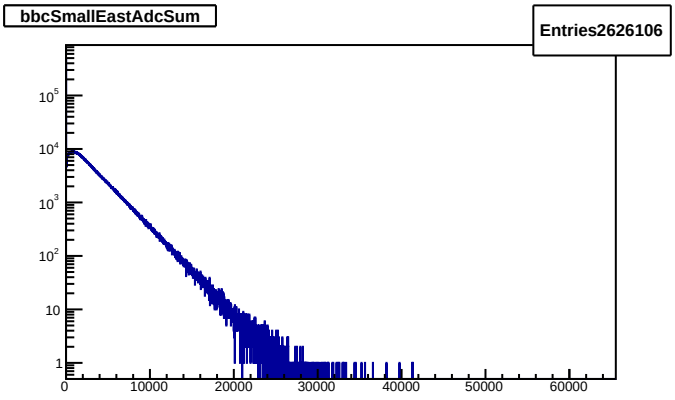

BBQ-VP002 (LO threshold)
Entries 4.20177e+07
TAC
QT Input Channel

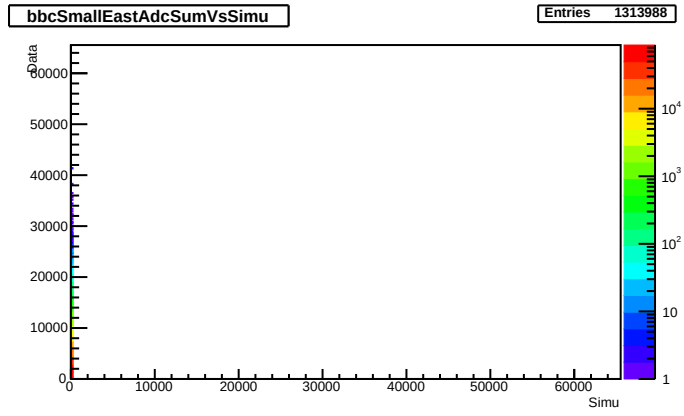

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.20177e+07
ADC
QT Input Channel

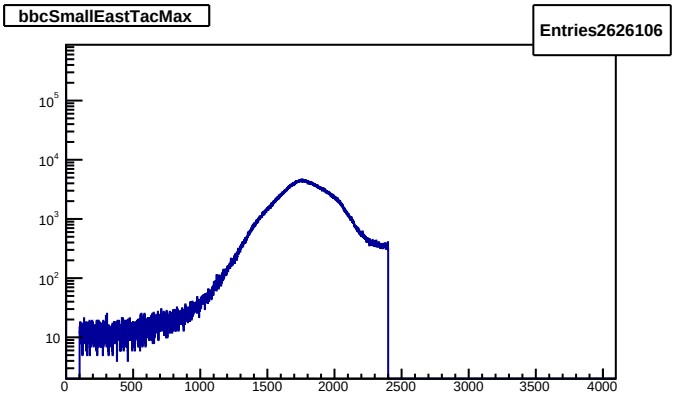

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.20177e+07
TAC
QT Input Channel

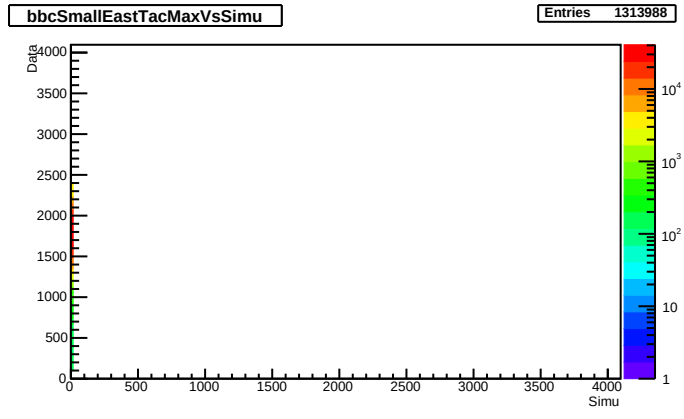

BBQ-ZD001 (ZDC TOWER)
Entries 4.20177e+07
ADC

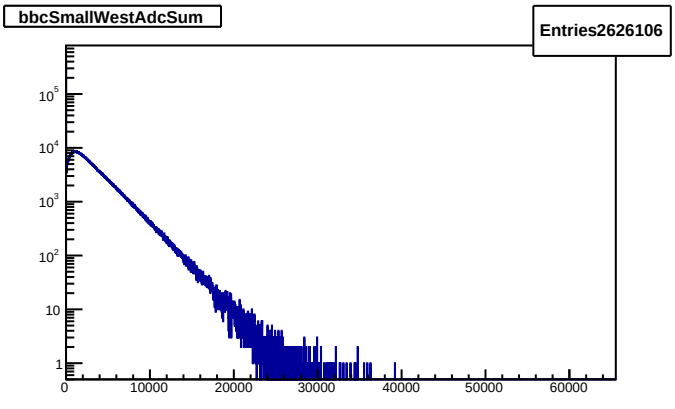

BBQ-ZD001 (ZDC TOWER)
Entries 4.20177e+07
TAC

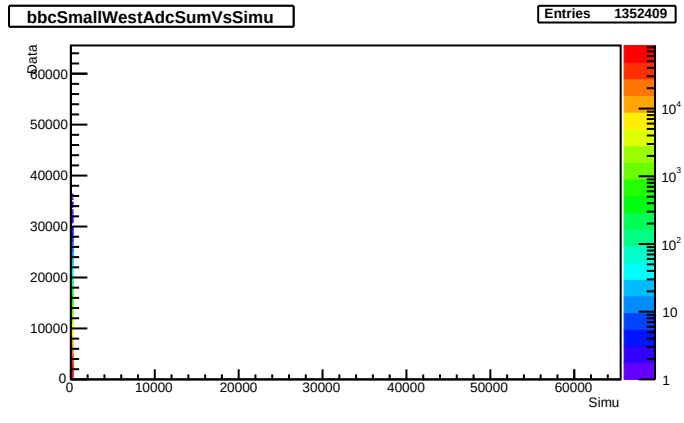

bbcSmallEastAdcSum
Entries2626106

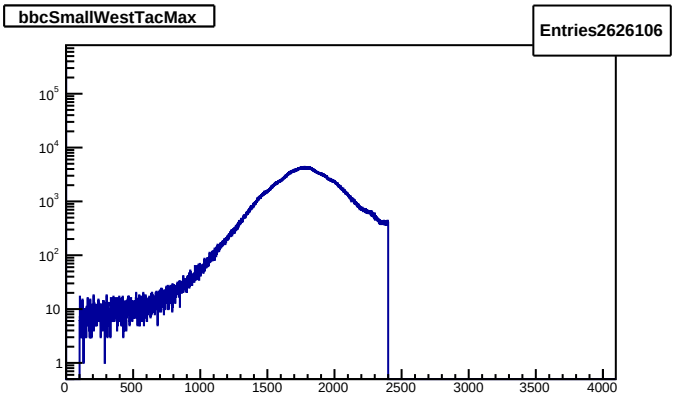

bbcSmallEastAdcSumVsSimu
Entries 1313988
Data
Simu

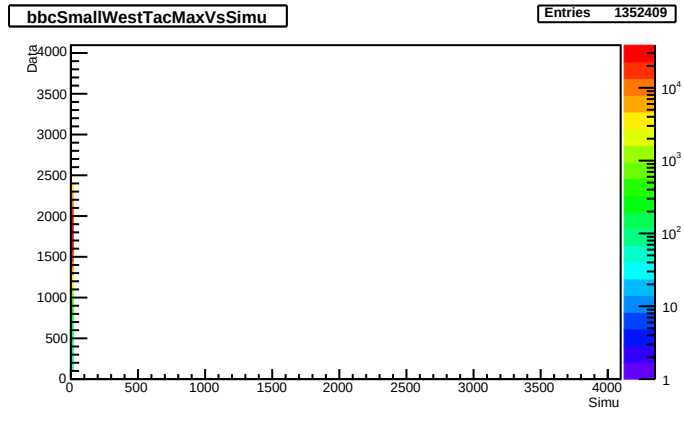

bbcSmallEastTacMax
Entries2626106

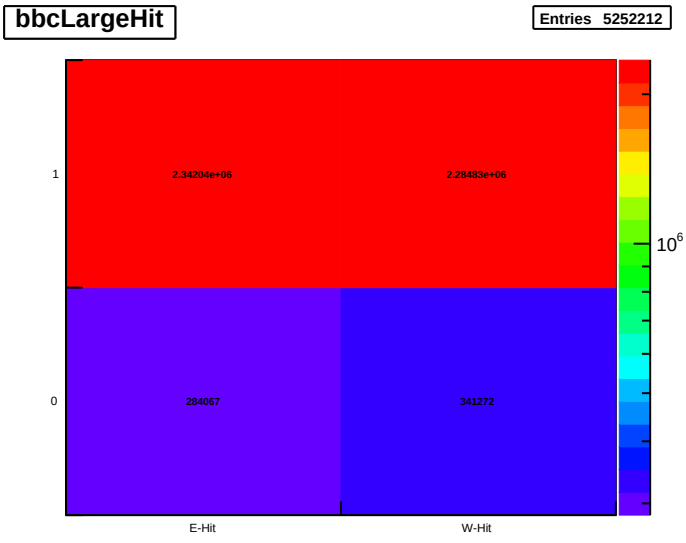

bbcSmallEastTacMaxVsSimu
Entries 1313988
Data
Simu

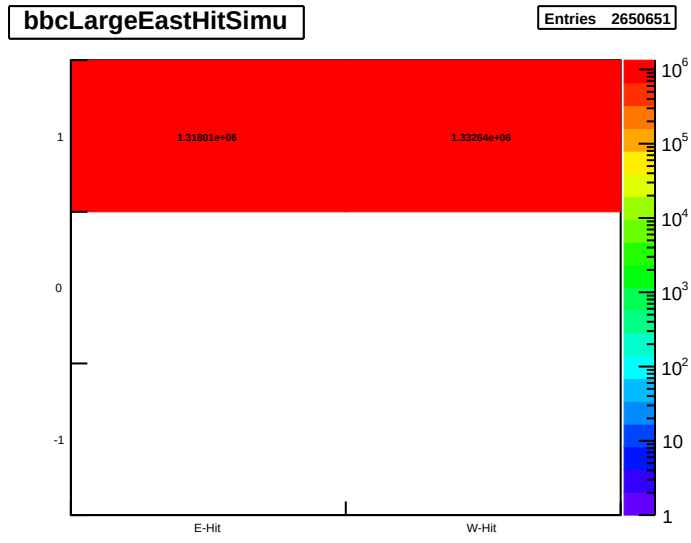

bbcSmallWestAdcSum
Entries2626106

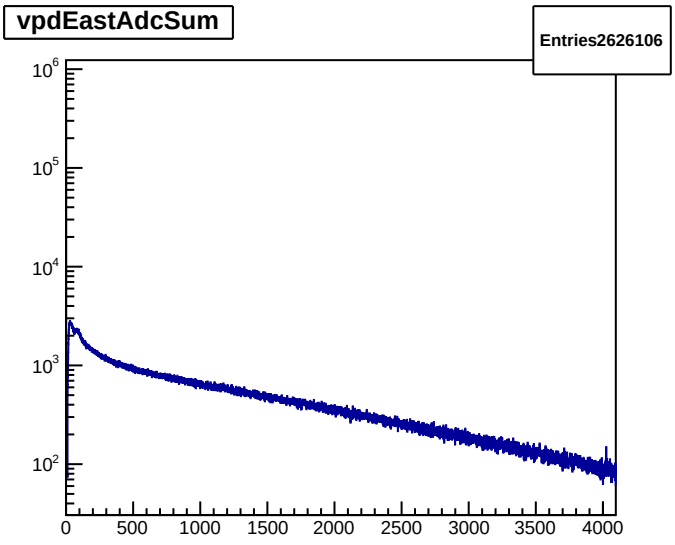

bbcSmallWestAdcSumVsSimu
Entries 1352409
Data
Simu

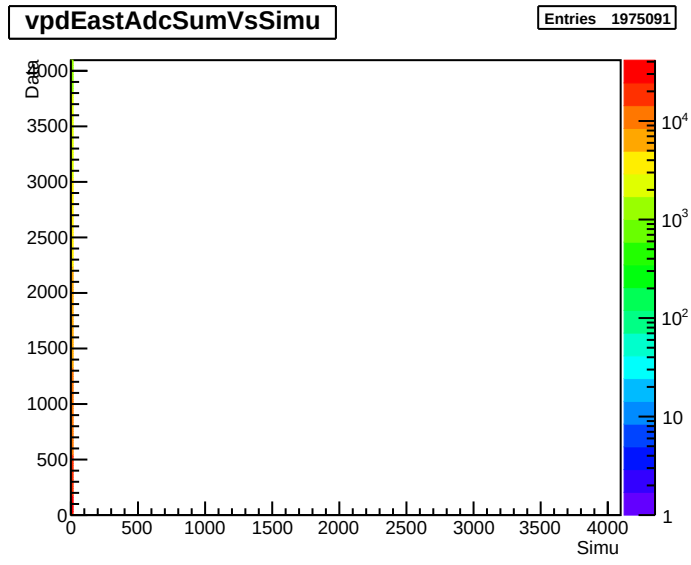

bbcSmallWestTacMax
Entries2626106

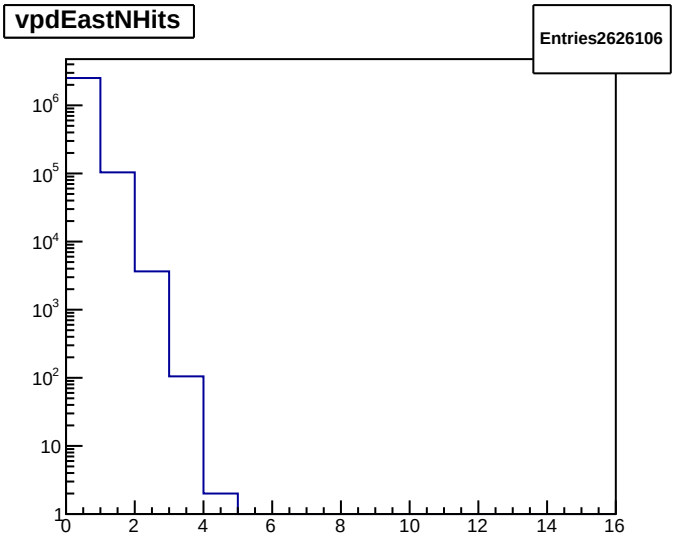

bbcSmallWestTacMaxVsSimu
Entries 1352409
Data
Simu

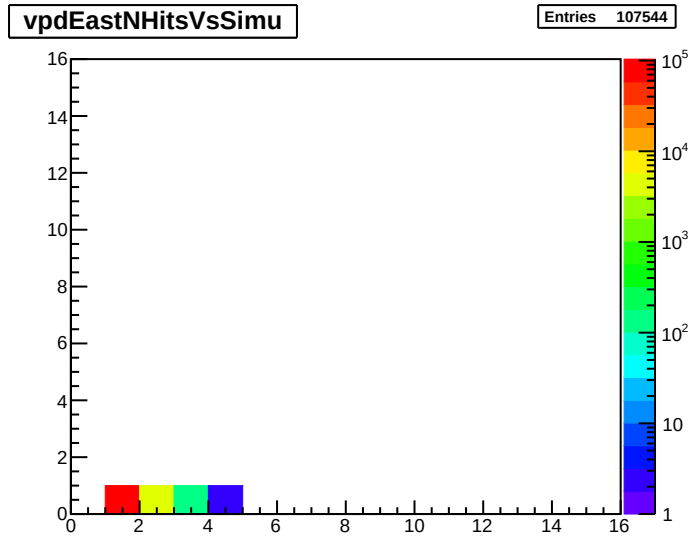

bbcLargeHit
Entries 5252212
1
0
2.34204e+06
2.28483e+06
284067
341272
E-Hit
W-Hit
10^6

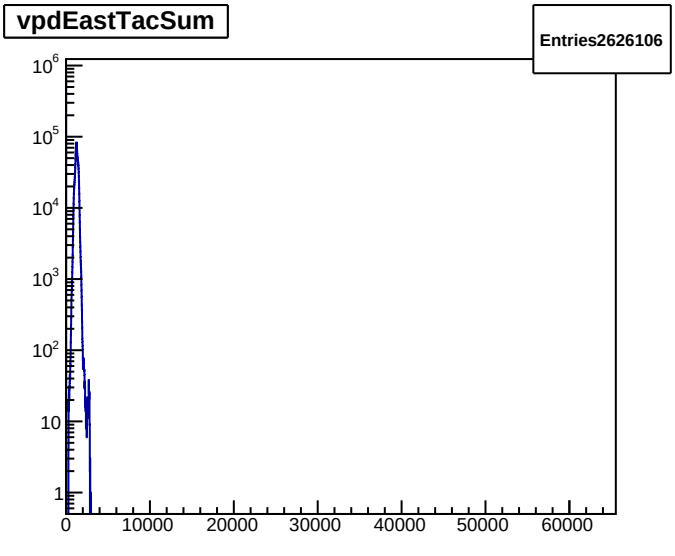

bbcLargeEastHitSimu
Entries 2650651
1
0
-1
1.31801e+06
1.33264e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

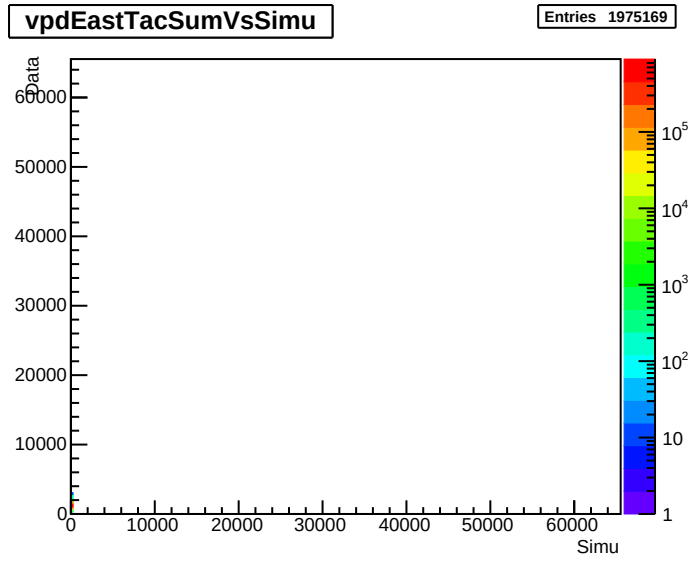

vpdEastAdcSum
Entries2626106

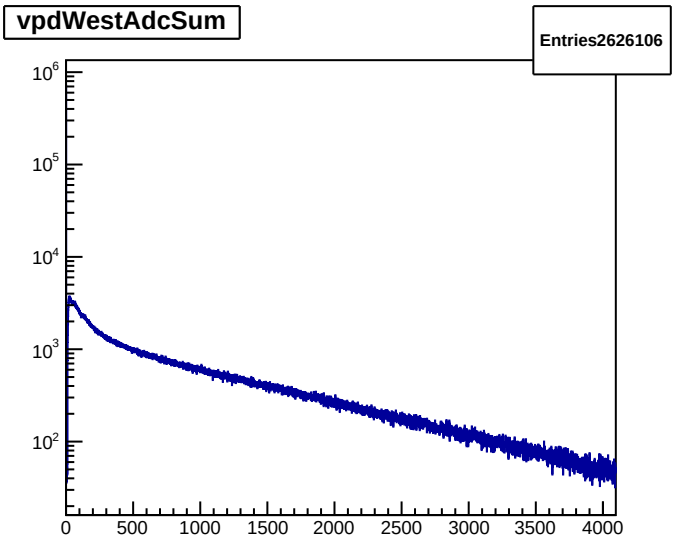

vpdEastAdcSumVsSimu
Entries 1975091
Data
Simu

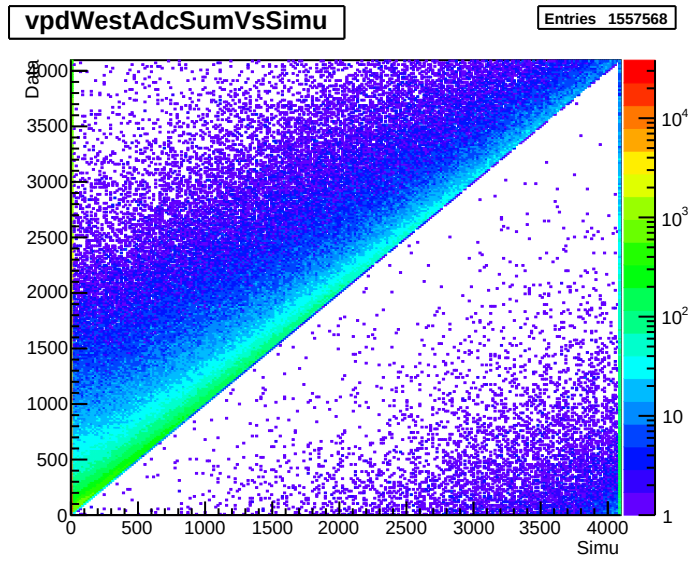

vpdEastNHits
Entries2626106

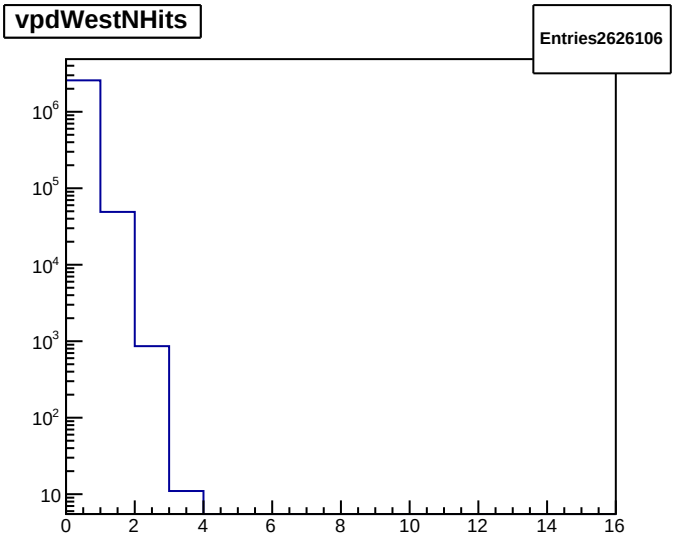

vpdEastNHitsVsSimu
Entries 107544

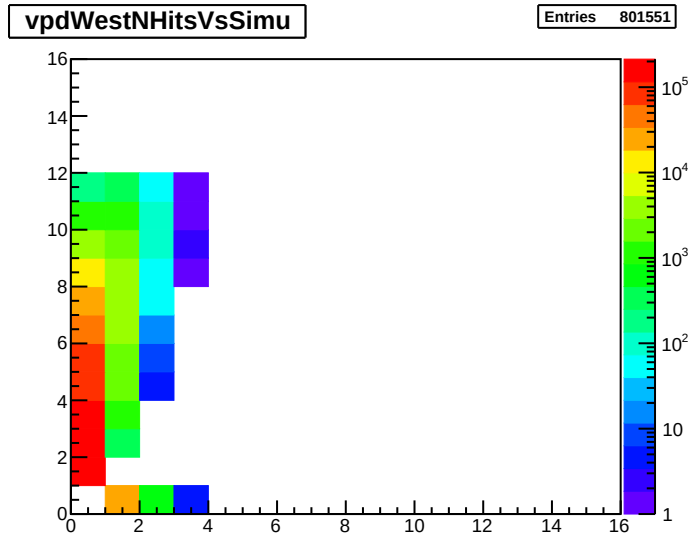

vpdEastTacSum
Entries2626106

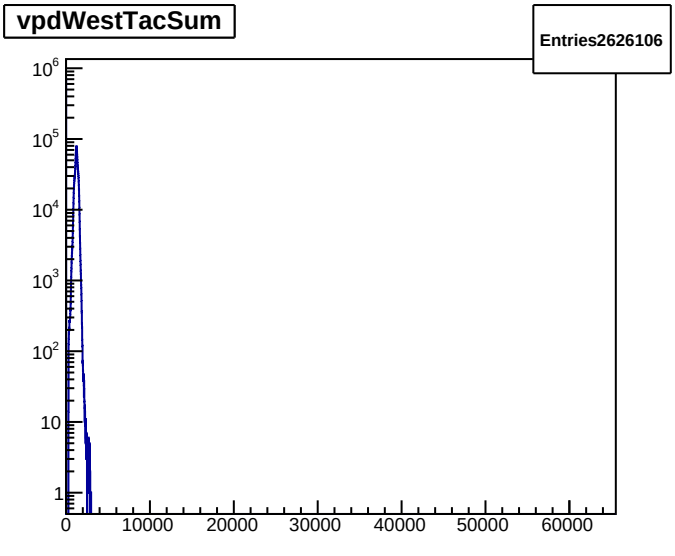

vpdEastTacSumVsSimu
Entries 1975169
Data
Simu

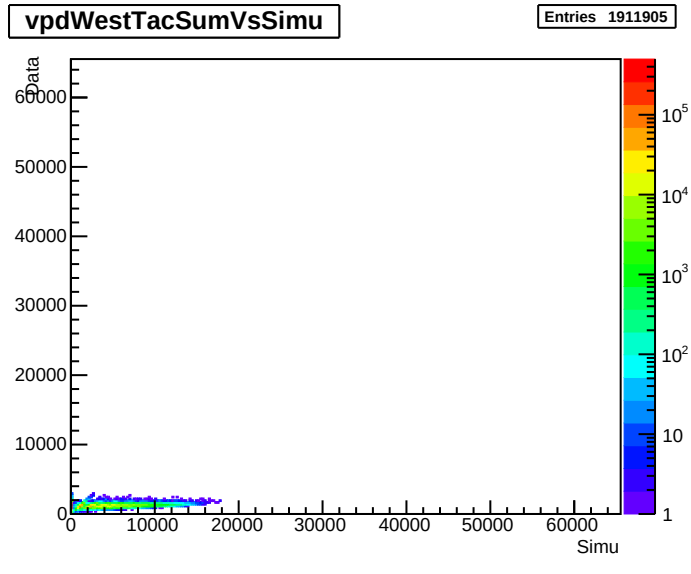

vpdWestAdcSum
Entries2626106

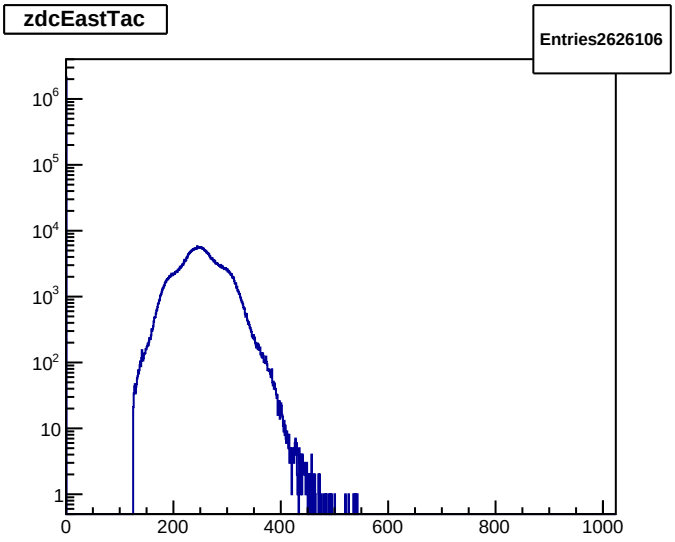

vpdWestAdcSumVsSimu
Entries 1557568
Data
Simu

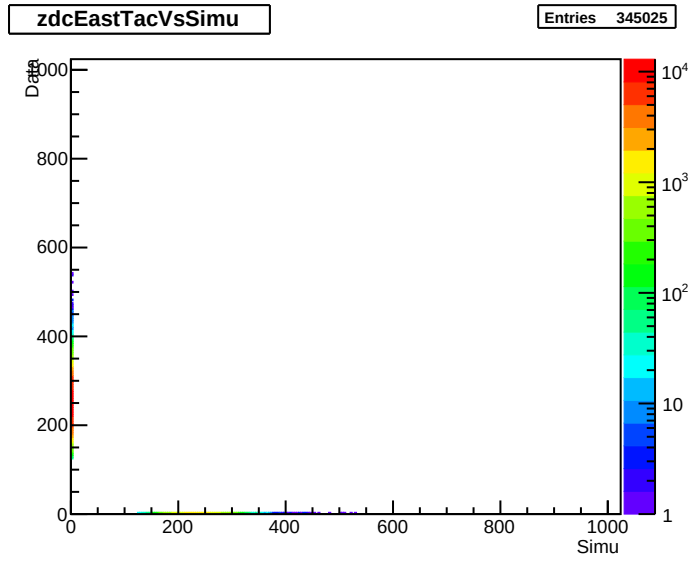

vpdWestNHits
Entries2626106

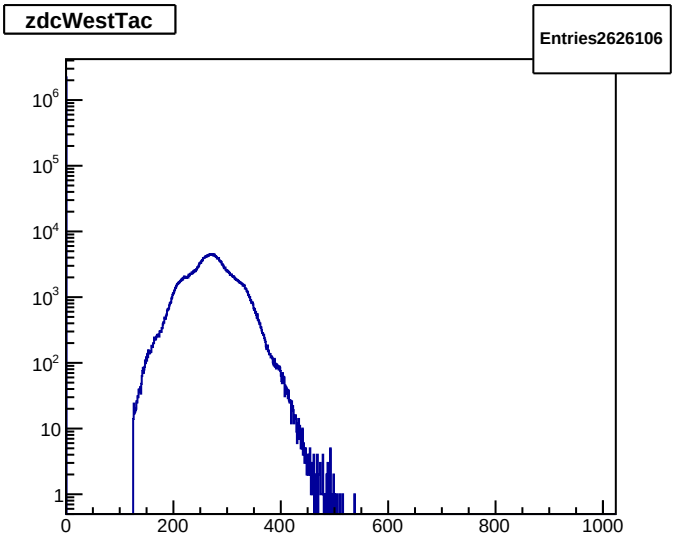

vpdWestNHitsVsSimu
Entries 801551

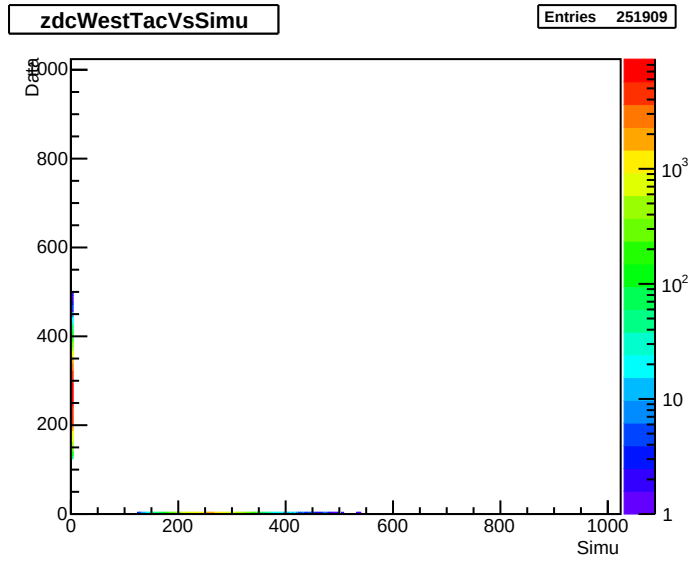

vpdWestTacSum
Entries2626106

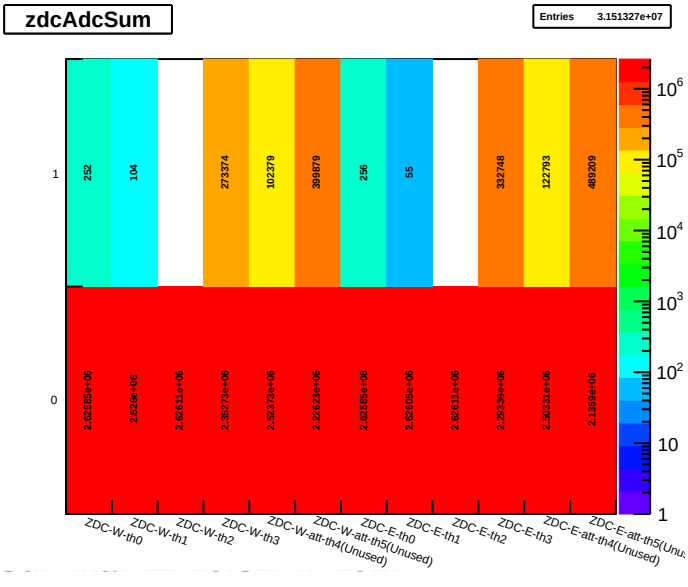

vpdWestTacSumVsSimu
Entries 1911905
Data
Simu

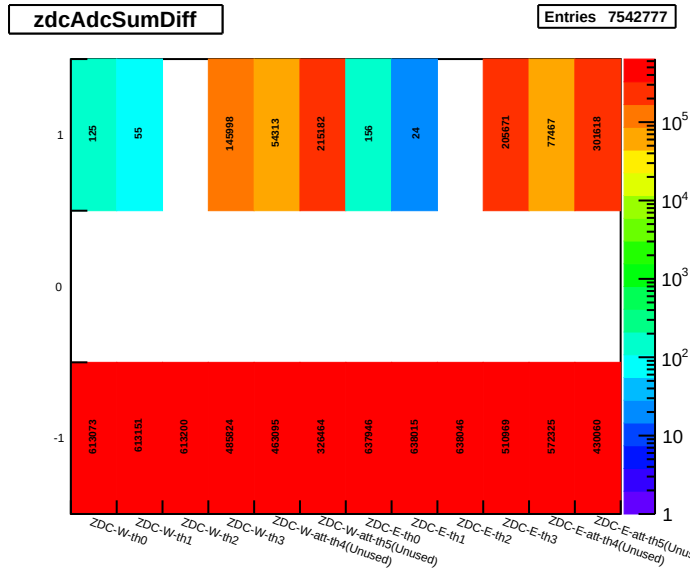

zdcEastTac
Entries2626106

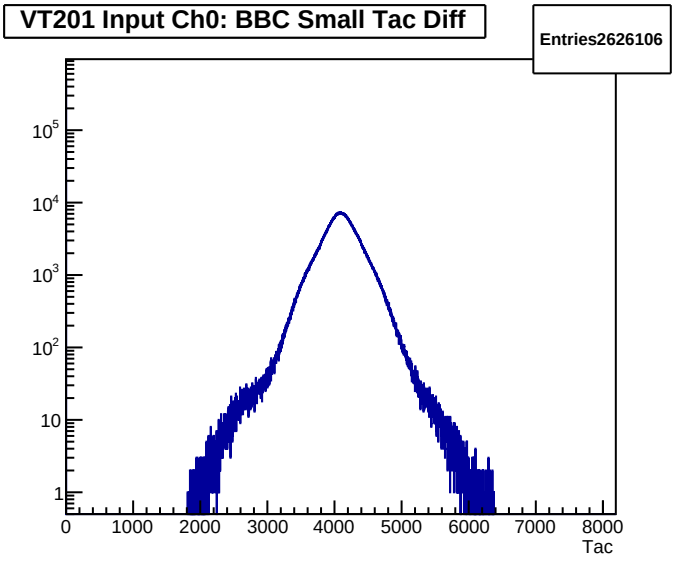

zdcEastTacVsSimu
Entries 345025
Data
Simu

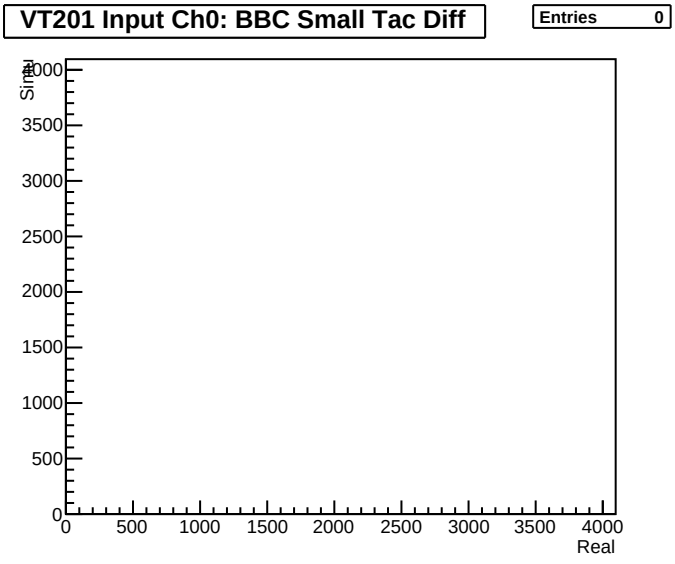

zdcWestTac
Entries2626106

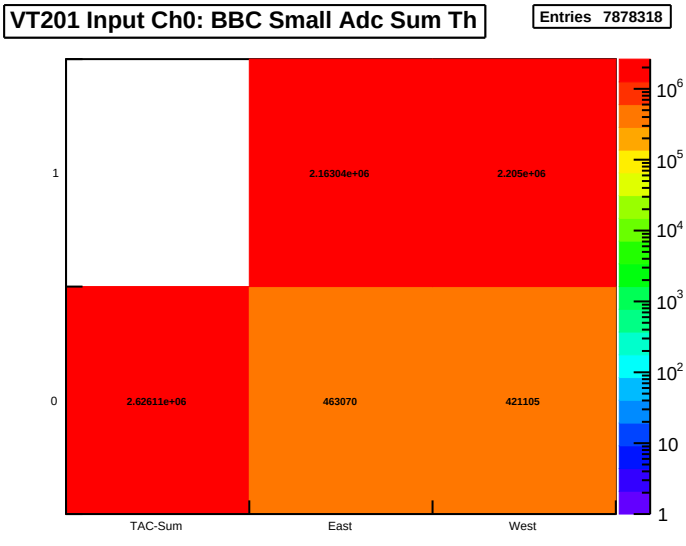

zdcWestTacVsSimu
Entries 251909
Data
Simu

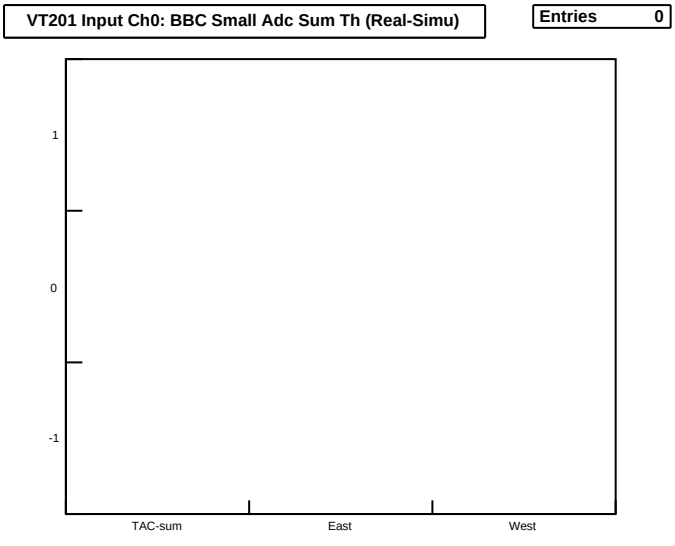

zdcAdcSum
Entries 3.151327e+07
252
104
273374
102379
399879
256
55
332748
122793
489209
2.62585e+06
2.626e+06
2.62611e+06
2.35273e+06
2.52373e+06
2.22622e+06
2.62585e+06
2.62605e+06
2.62611e+06
2.29336e+06
2.50331e+06
2.1369e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

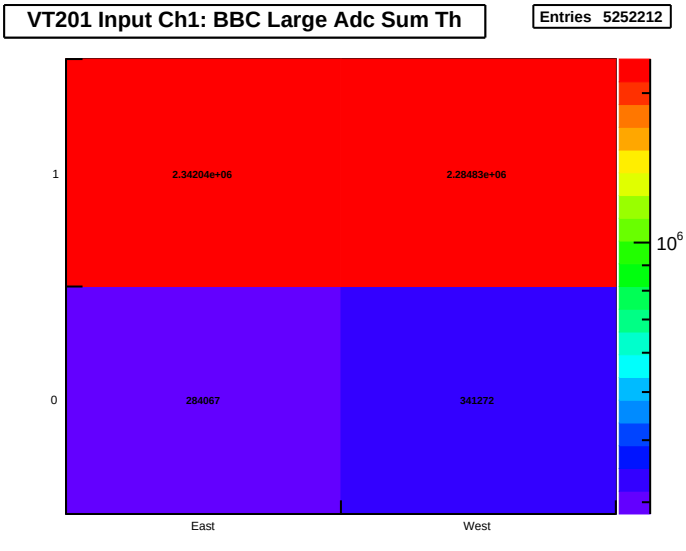

zdcAdcSumDiff
Entries 7542777
125
55
145998
54313
215182
156
24
205671
77467
301618
613073
613151
613200
483824
463095
326464
637946
638015
630046
510969
572325
430060
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

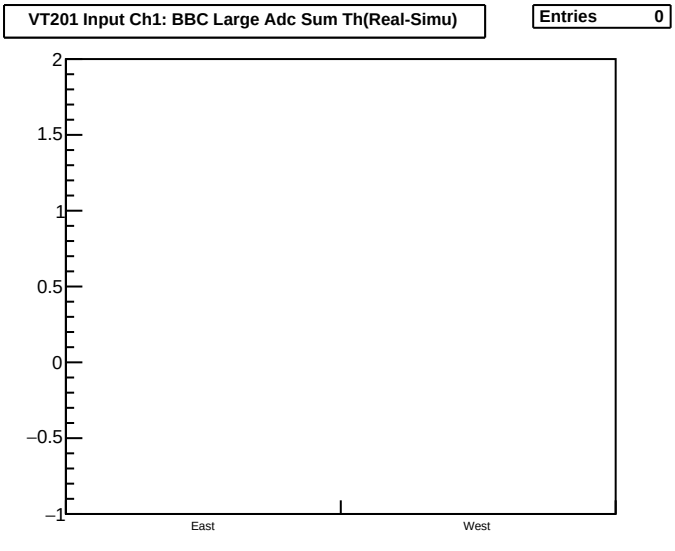

VT201 Input Ch0: BBC Small Tac Diff
Entries2626106
Tac


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

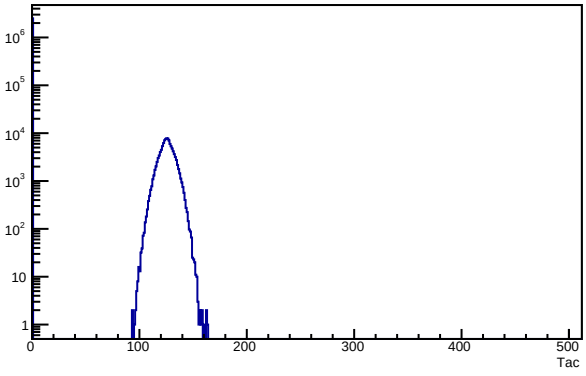

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7878318
2.16304e+06
2.205e+06
2.62611e+06
463070
421105
TAC-Sum
East
West


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

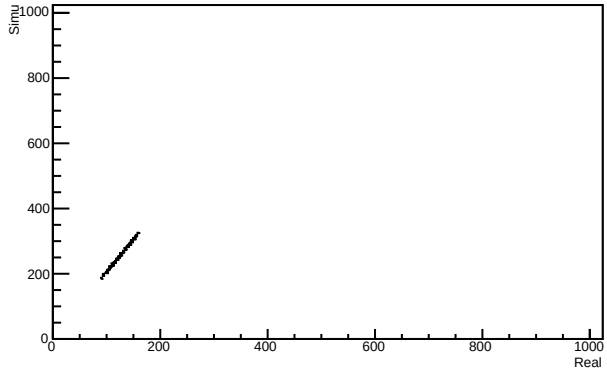

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5252212
2.34204e+06
2.28483e+06
284067
341272
East
West


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

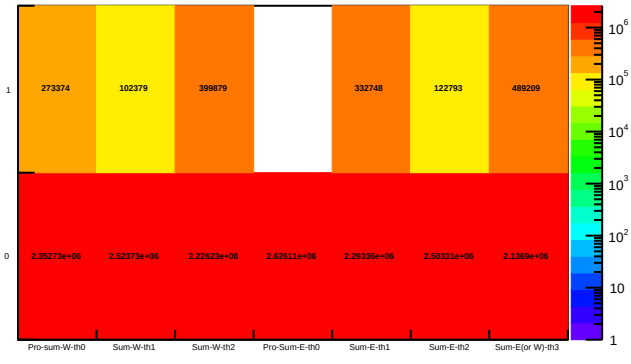
VT201 Input Ch2: ZDC Tac Diff



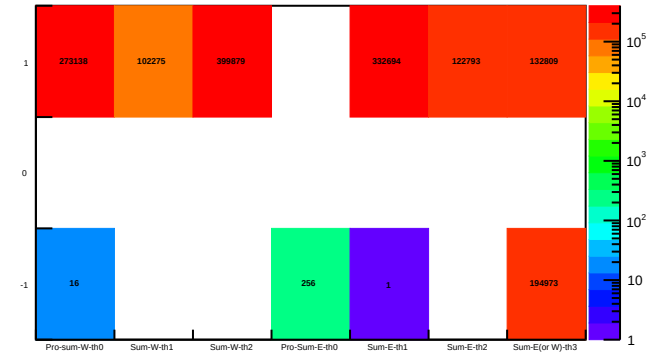
VT201 Input Ch2: ZDC Tac Diff



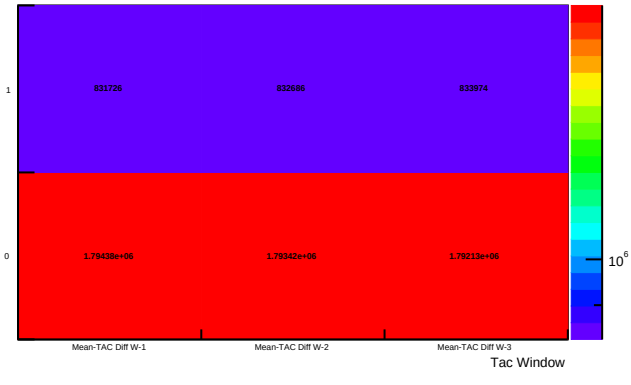
VT201 Input Ch2: ZDC Adc Sum Th



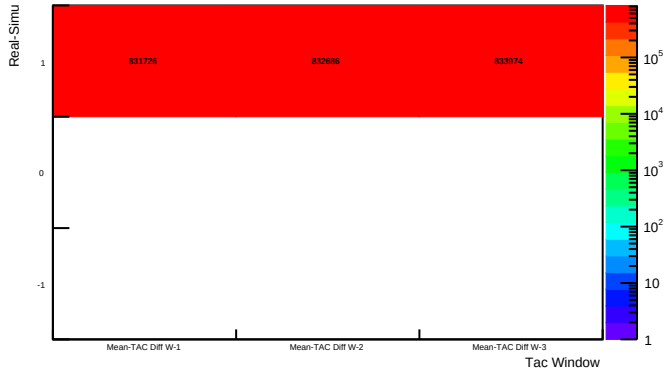
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



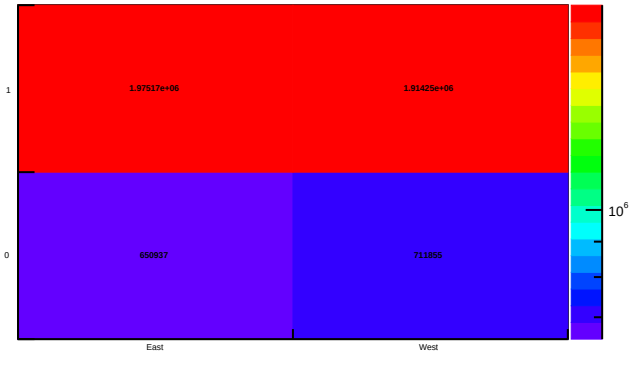
VT201 Input Ch4: VPD Tac Diff



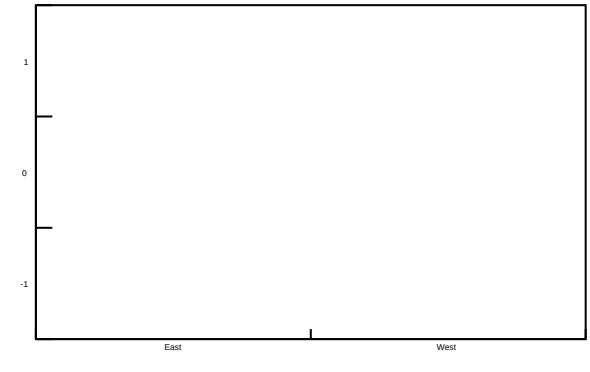
VT201 Input Ch4: VPD Tac Diff

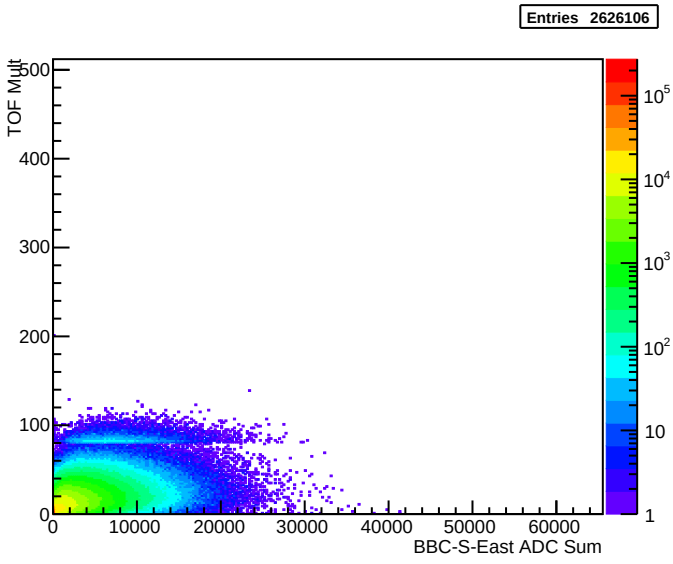


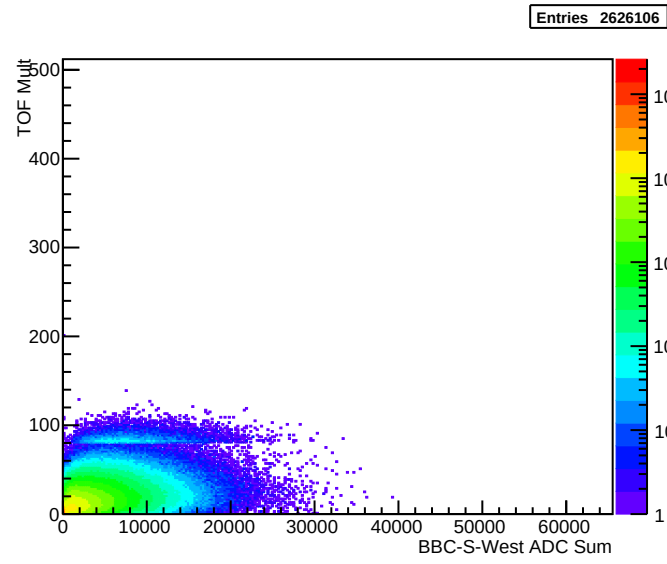
VT201 Input Ch4: VPD Adc Sum Th

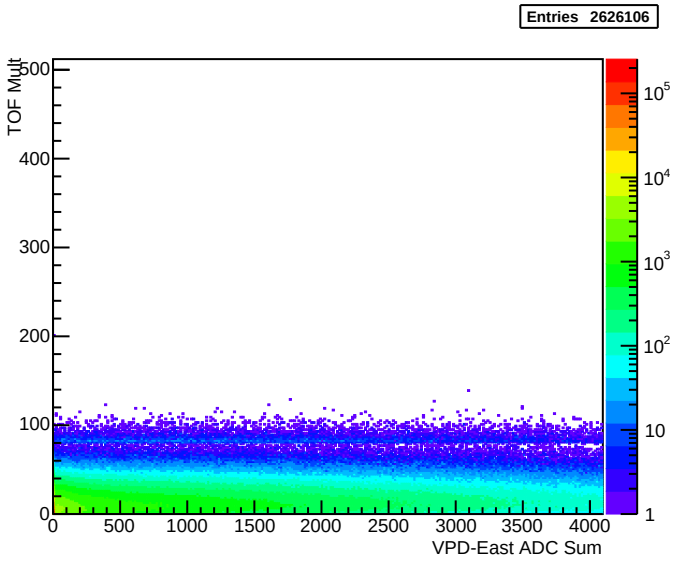


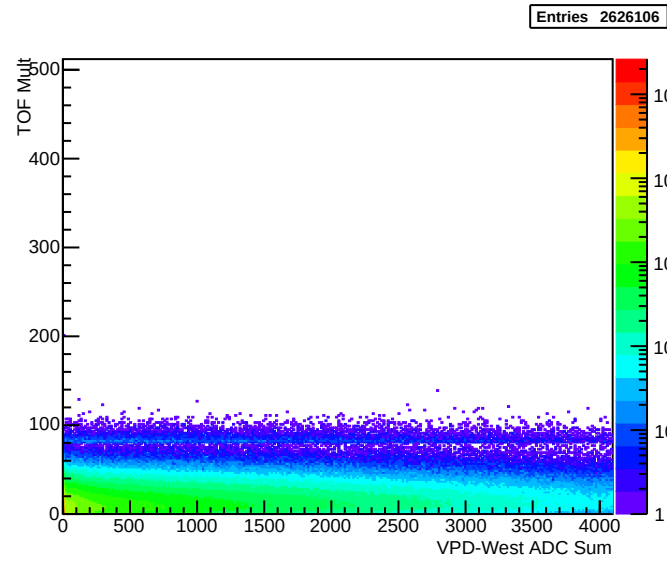
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

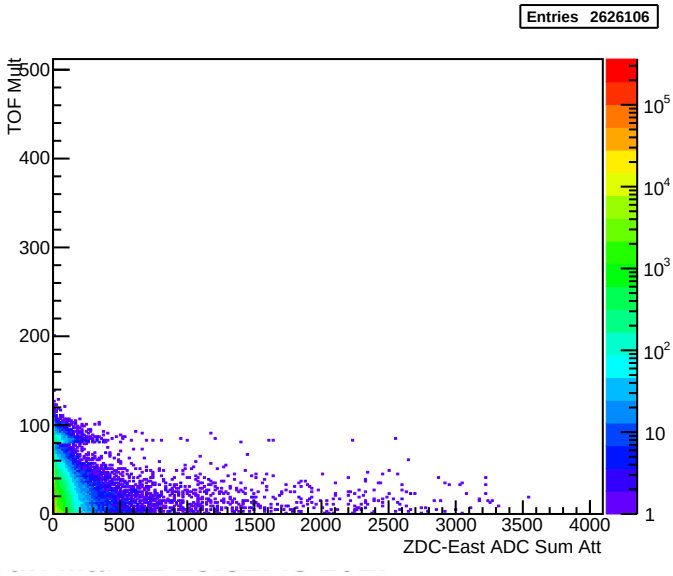


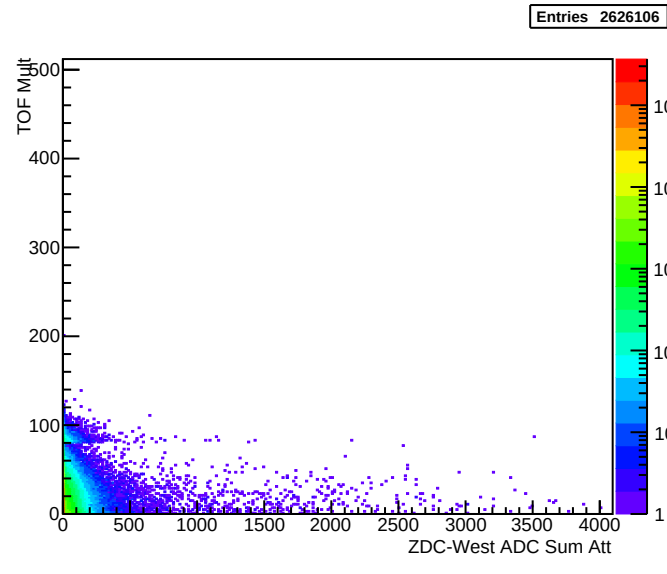

Entries 2626106
TOF Mult
BBC-S-East ADC Sum

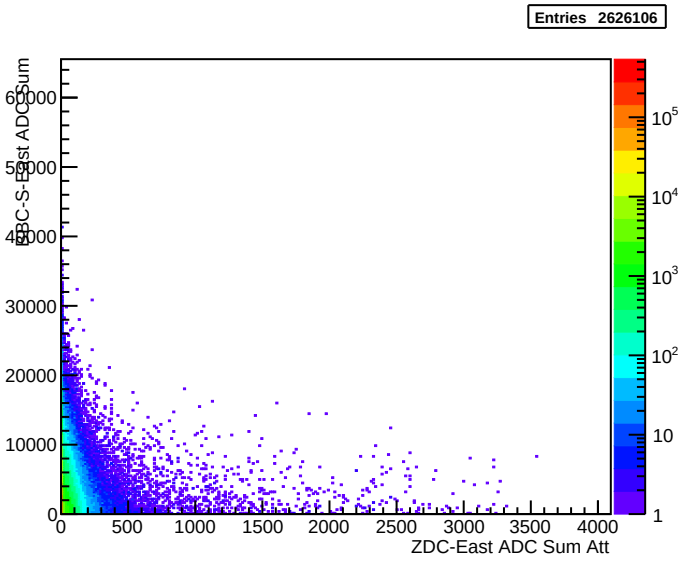

Entries 2626106
TOF Mult
BBC-S-West ADC Sum

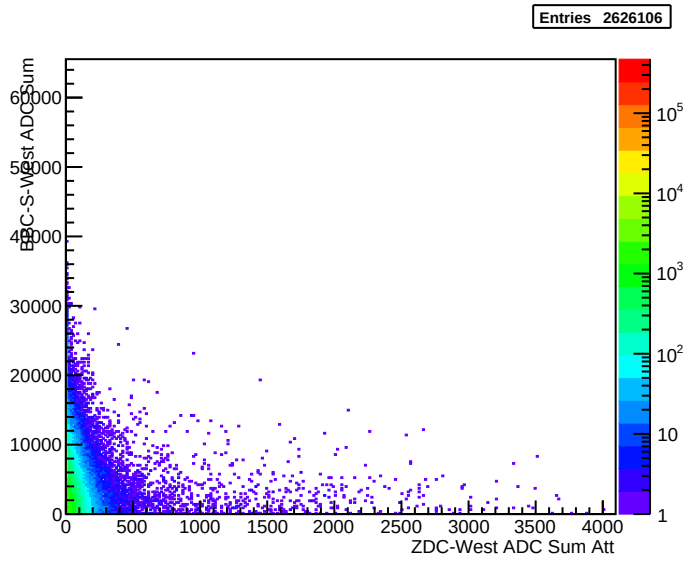

Entries 2626106
TOF Mult
VPD-East ADC Sum

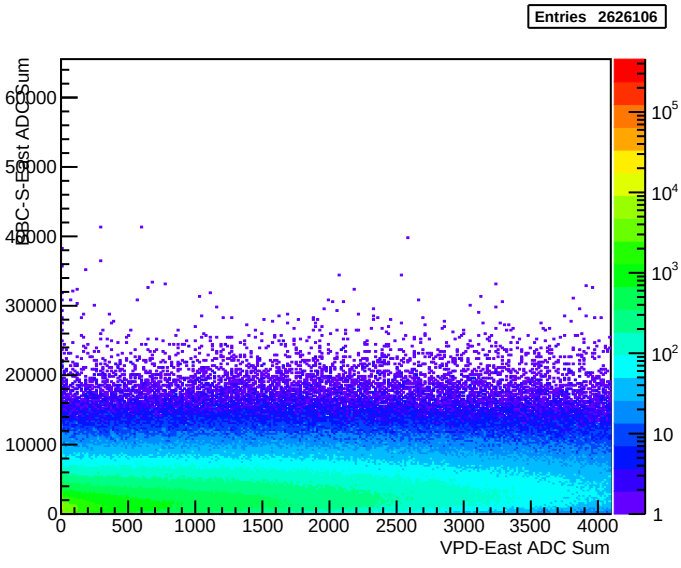

Entries 2626106
TOF Mult
VPD-West ADC Sum

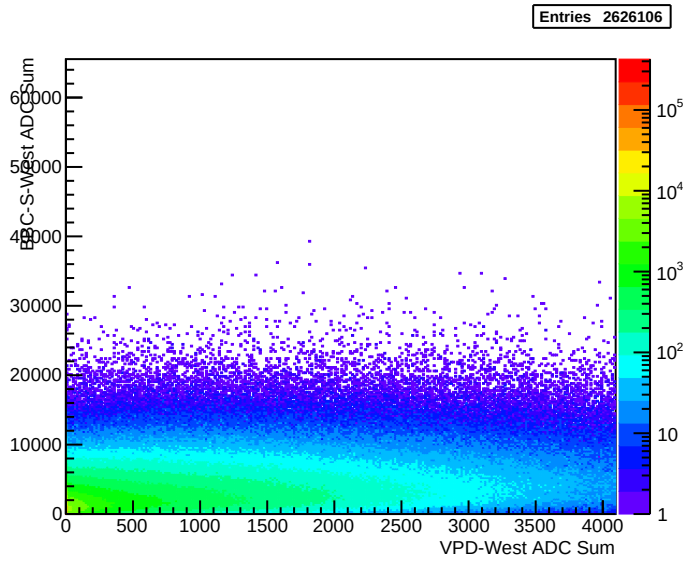

Entries 2626106
TOF Mult
ZDC-East ADC Sum Att

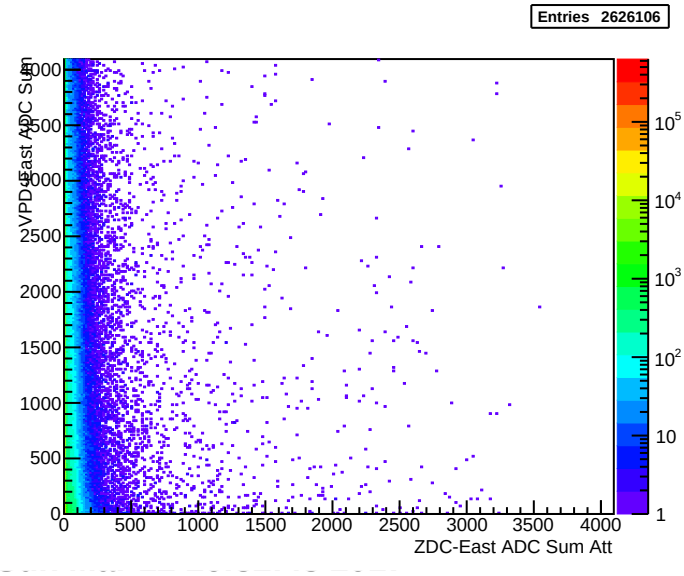

Entries 2626106
TOF Mult
ZDC-West ADC Sum Att

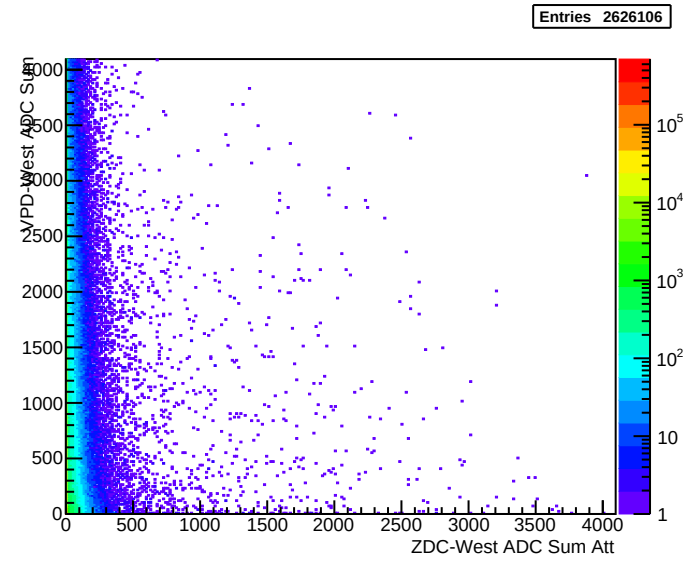

Entries 2626106
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

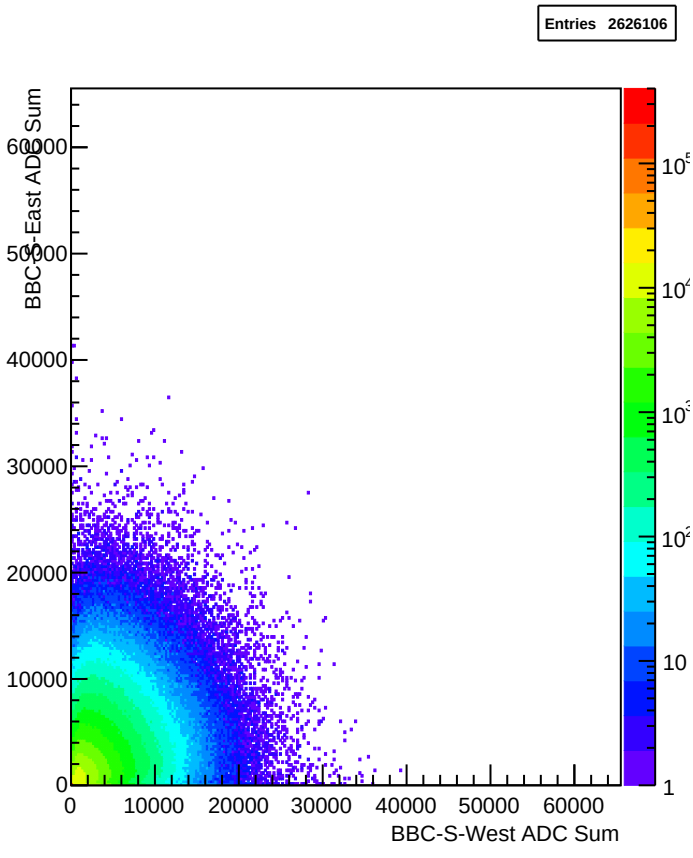

Entries 2626106
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

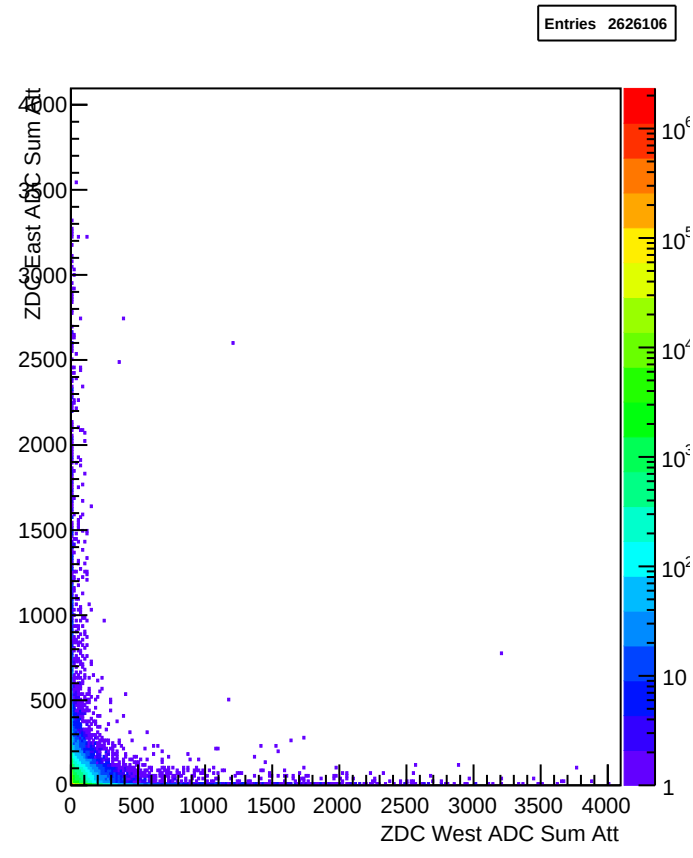

Entries 2626106
BBC-S-East ADC Sum
VPD-East ADC Sum

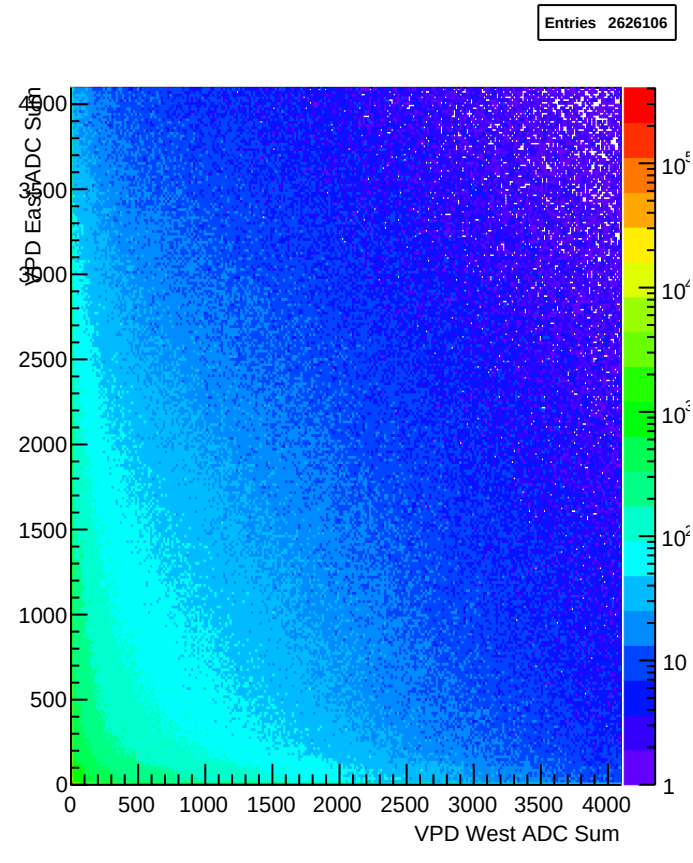

Entries 2626106
BBC-S-West ADC Sum
VPD-West ADC Sum

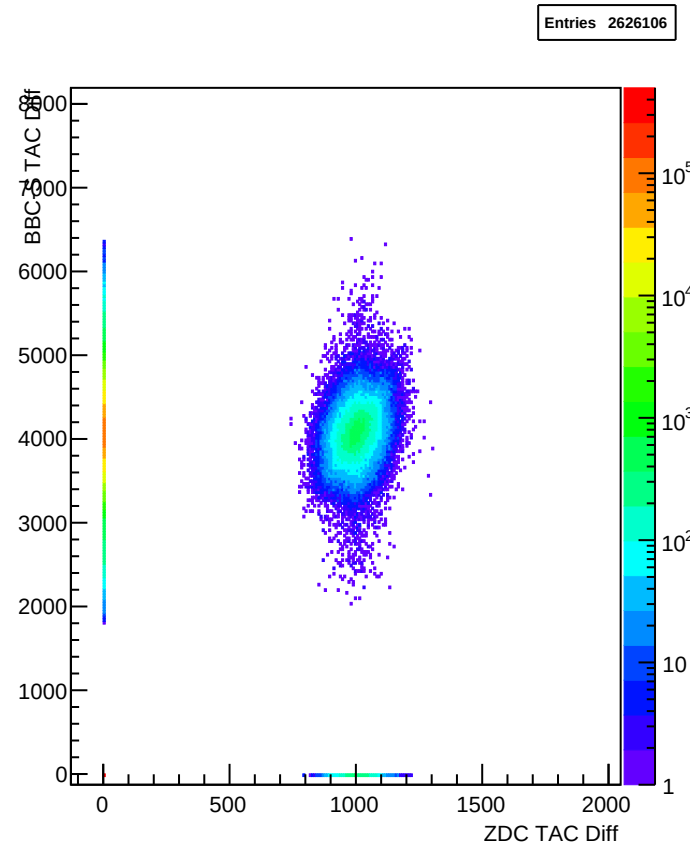

Entries 2626106
VPD-East ADC Sum
ZDC-East ADC Sum Att

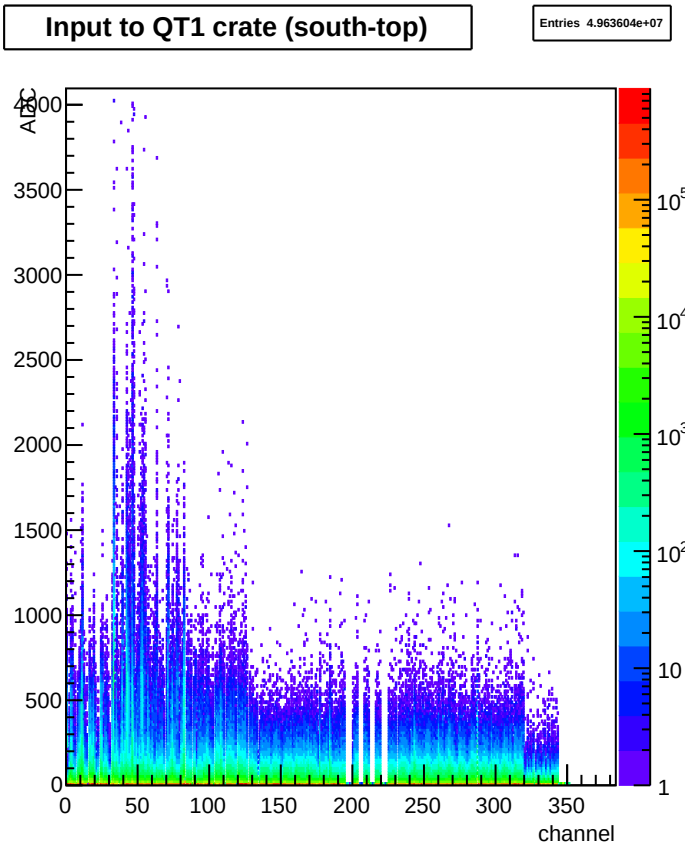

Entries 2626106
VPD-West ADC Sum
ZDC-West ADC Sum Att

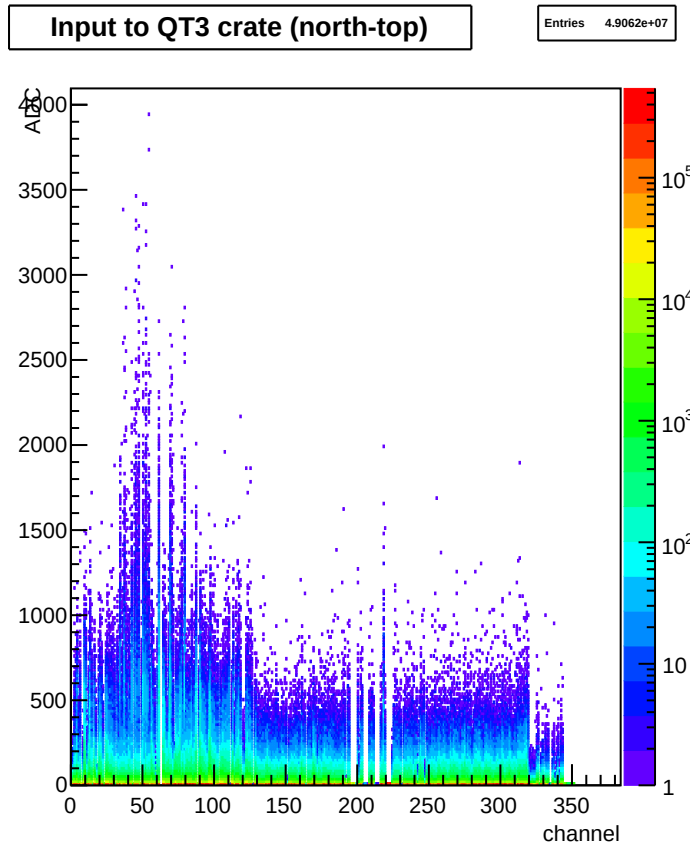

Entries 2626106
BBC-S-East ADC Sum
BBC-S-West ADC Sum

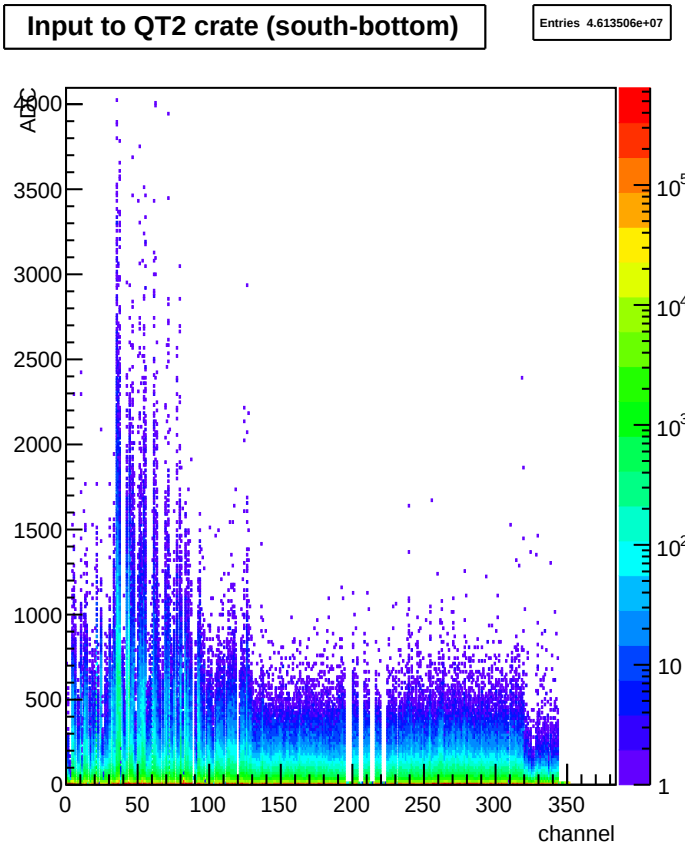

Entries 2626106
ZDC East ADC Sum Att
ZDC West ADC Sum Att

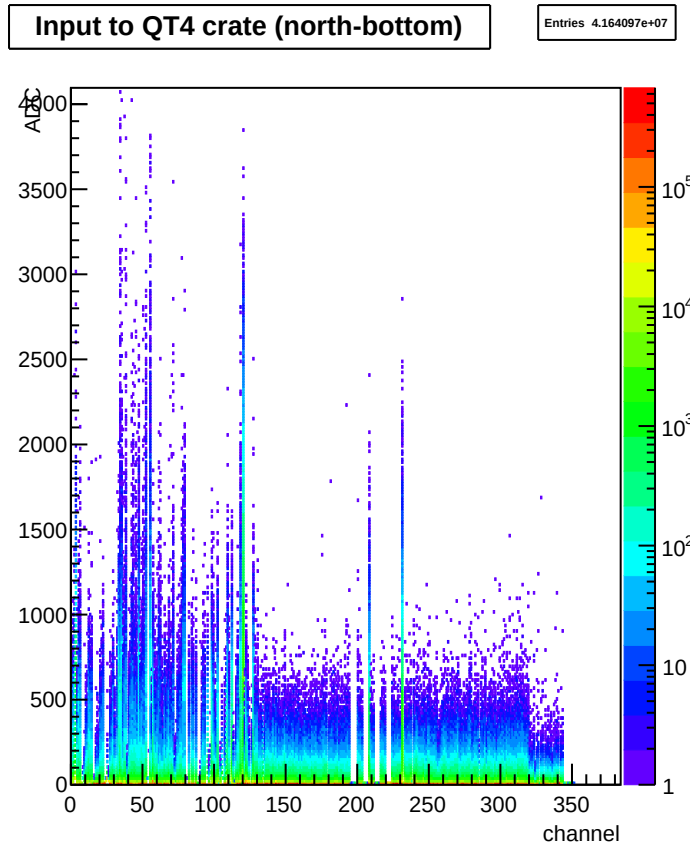

Entries 2626106
VPD East ADC Sum
VPD West ADC Sum

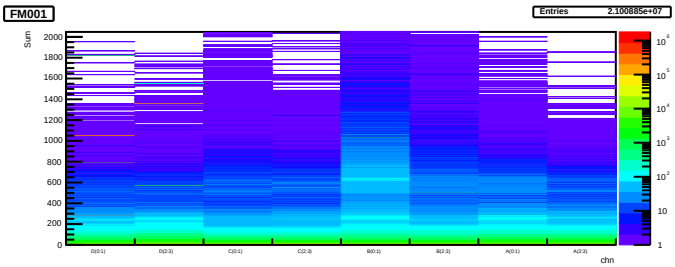

Entries 2626106
BBC-S TAC Diff
ZDC TAC Diff

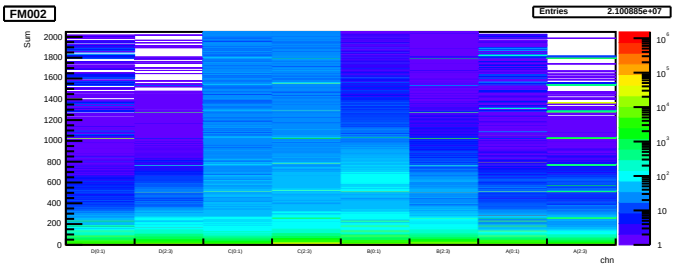

Input to QT1 crate (south-top)
Entries 4.963604e+07
ADC
channel

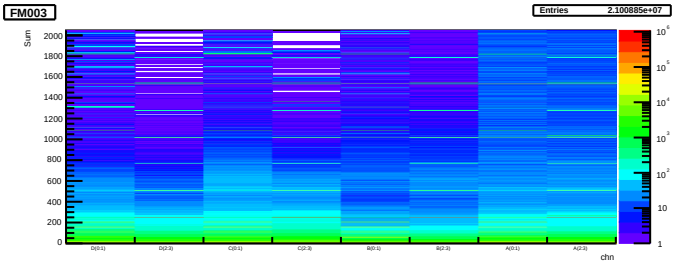

Input to QT3 crate (north-top)
Entries 4.9062e+07
ADC
channel

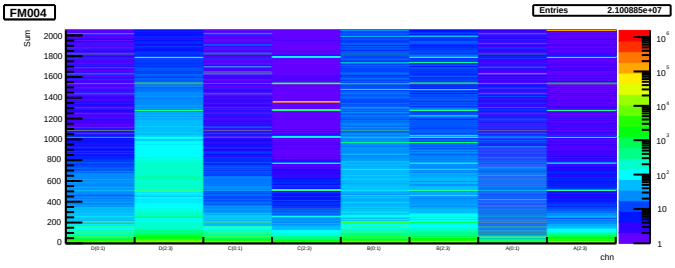

Input to QT2 crate (south-bottom)
Entries 4.613506e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 4.164097e+07
ADC
channel


FM001
Entries 2.100885e+07
Sum
chn


FM002
Entries 2.100885e+07
Sum
chn


FM003
Entries 2.100885e+07
Sum
chn


FM004
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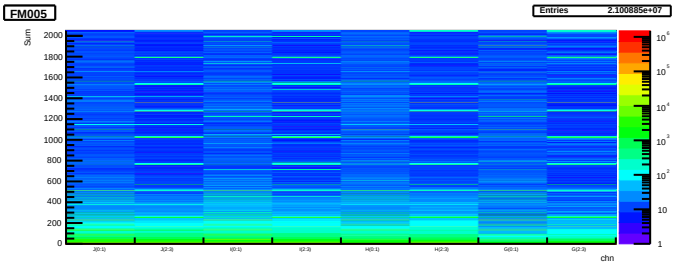
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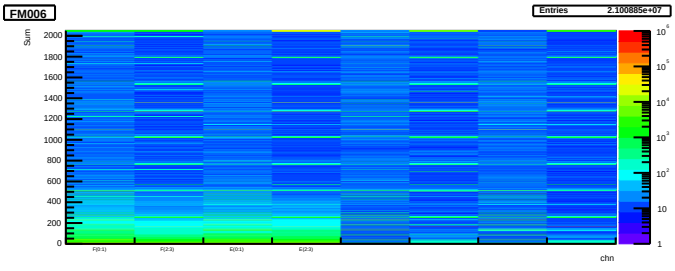
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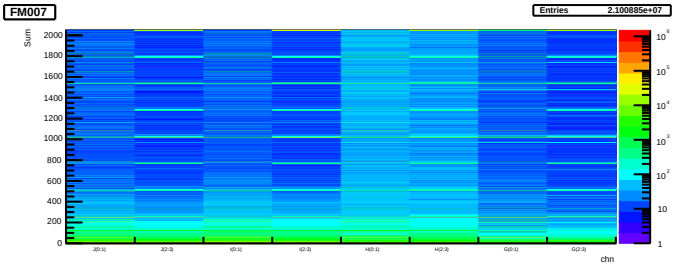
FM007
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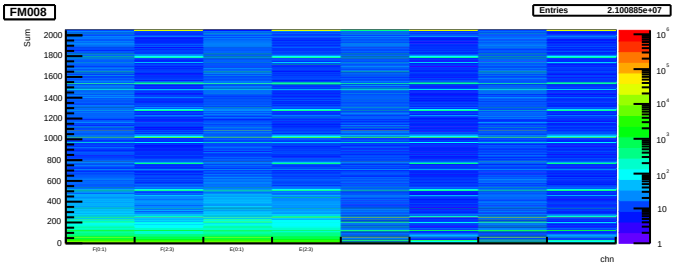
FM008
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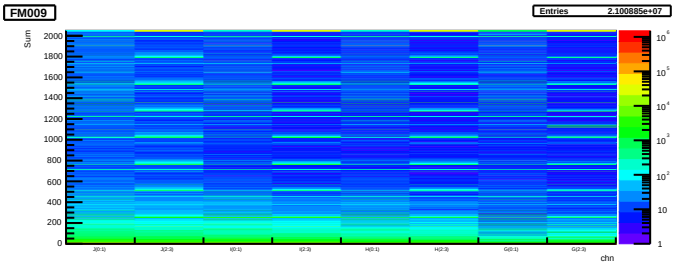
FM009
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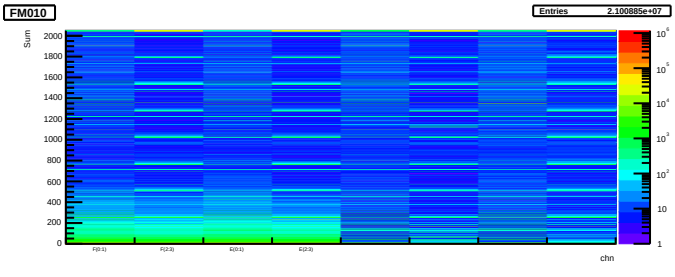
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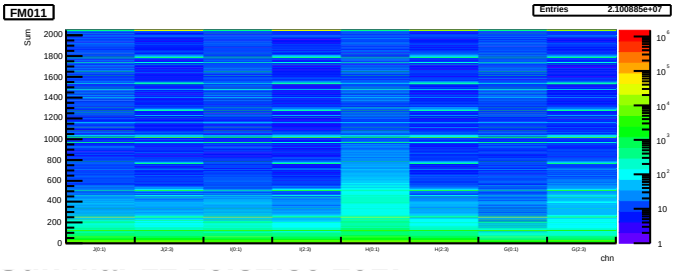
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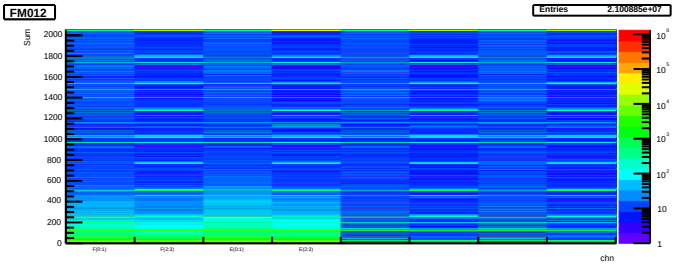
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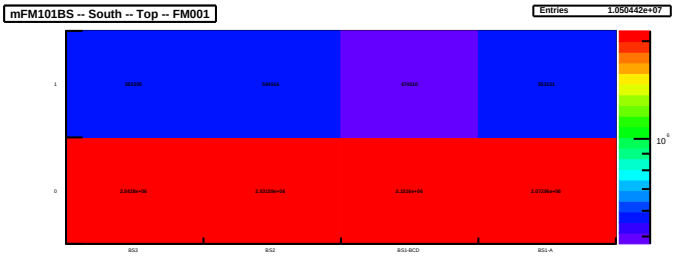
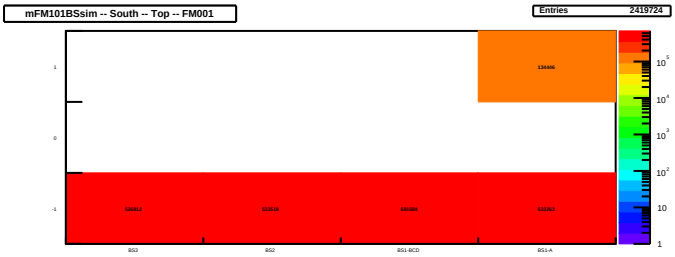

mFM101BS -- South -- Top -- FM001
Entries 1.050442e+07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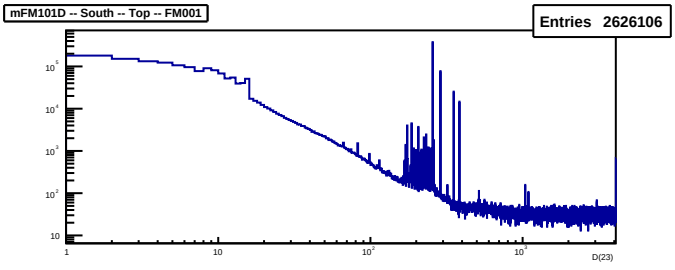
Entries 2419724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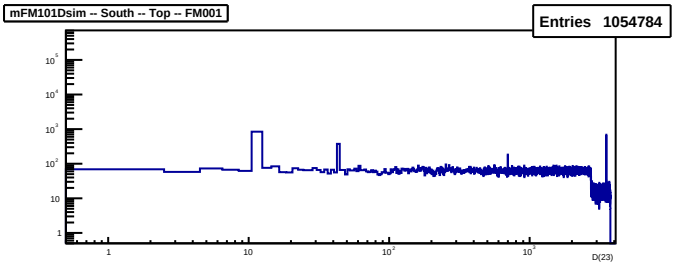
Entries 2626106
D(23)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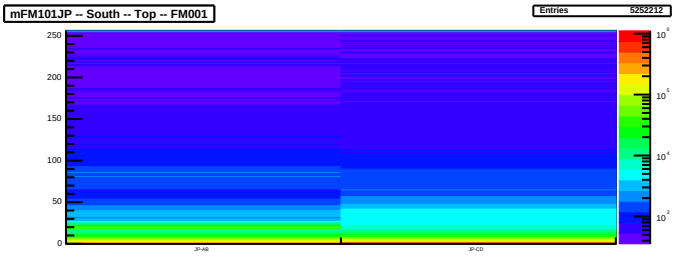
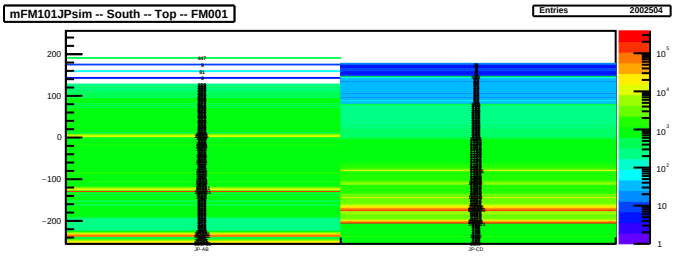
D(23)


mFM101JP -- South -- Top -- FM001
Entries 5252212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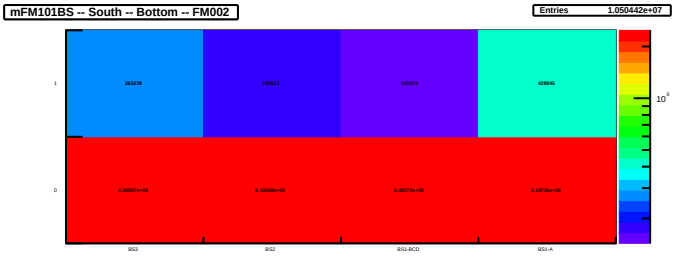
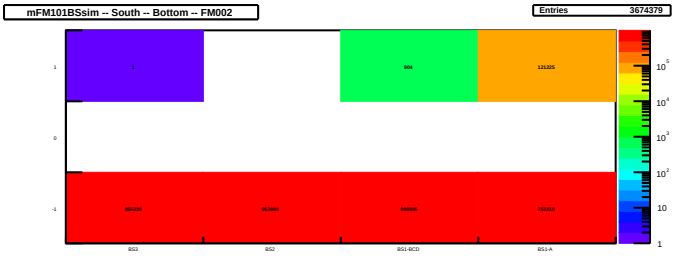

mFM101BS -- South -- Bottom -- FM002
Entries 1.050442e+07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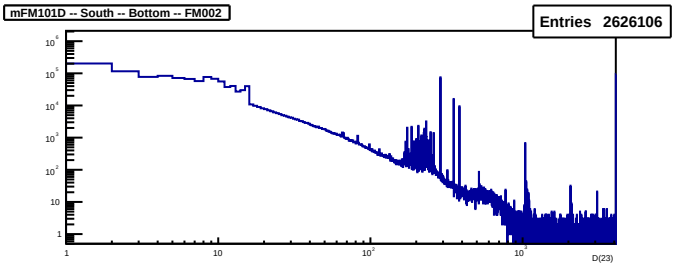
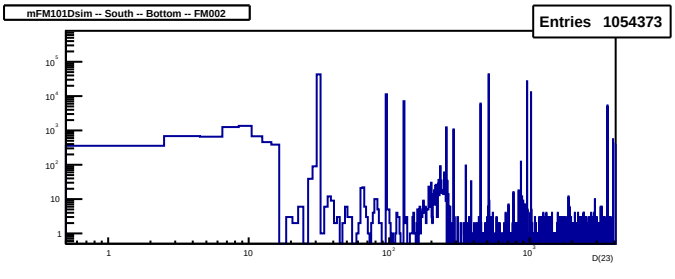

mFM101D -- South -- Bottom -- FM002
Entries 2626106
D(23)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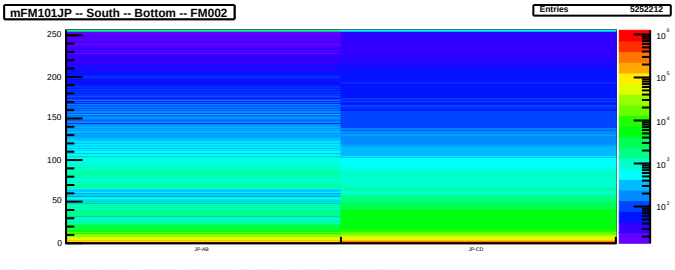
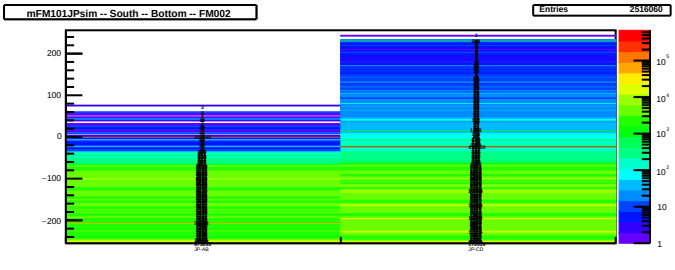

mFM101JP -- South -- Bottom -- FM002
Entries 5252212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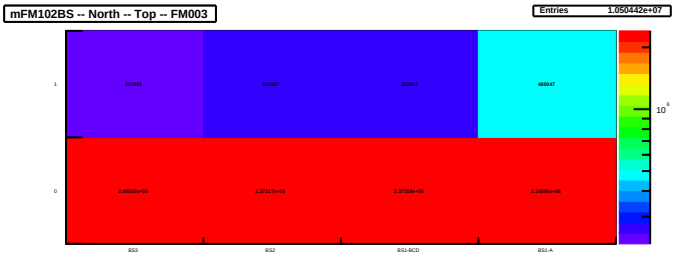
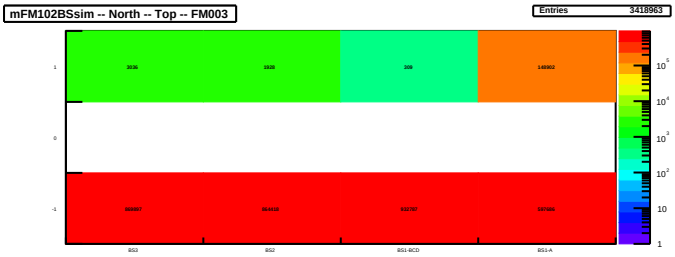

mFM102BS -- North -- Top -- FM003
Entries 1.050442e+07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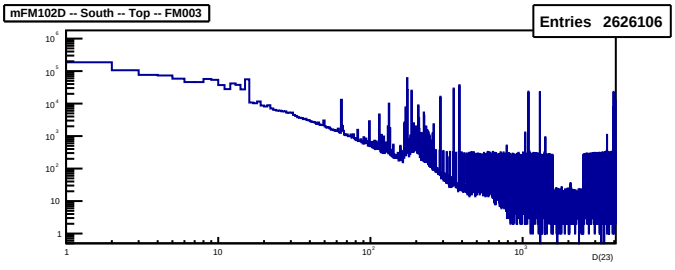
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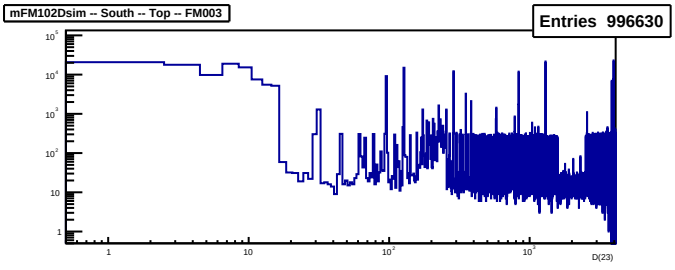
Entries 2626106
D(23)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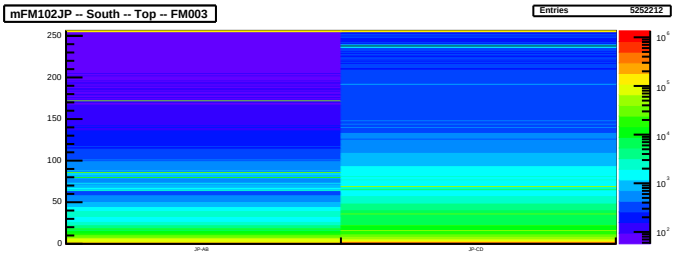
D(23)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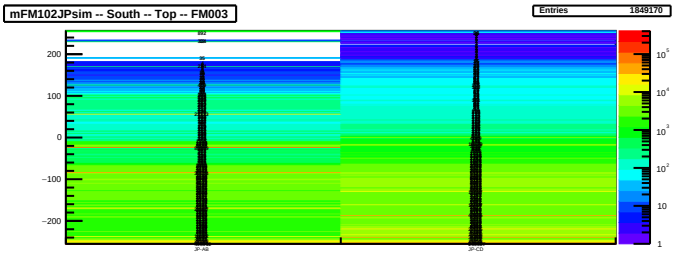
Entries 5252212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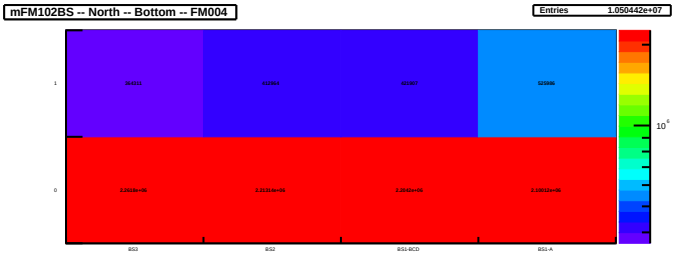
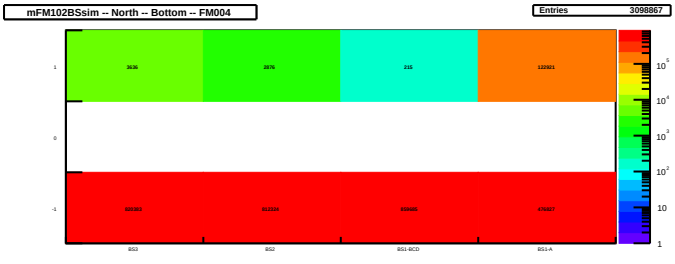

mFM102BS -- North -- Bottom -- FM004
Entries 1.050442e+07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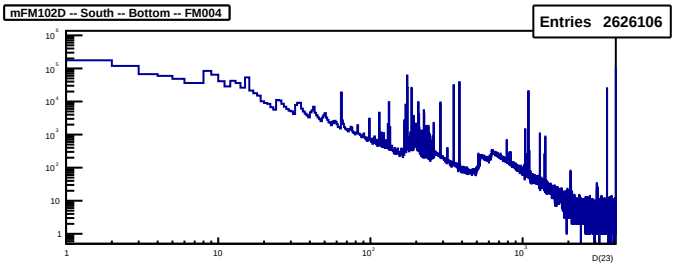
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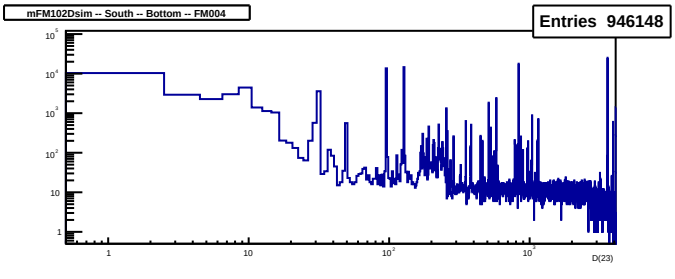
D(23)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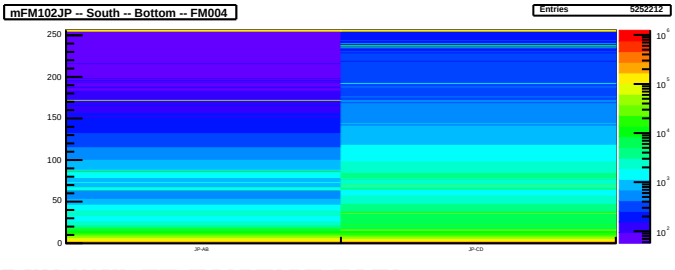
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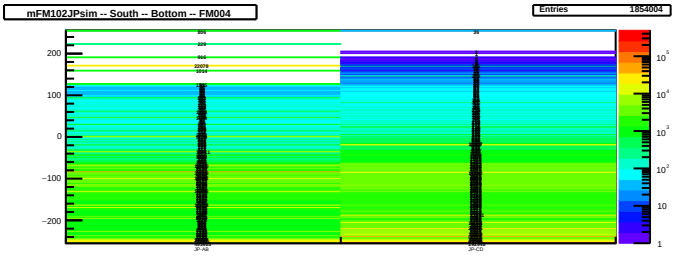
Entries 5252212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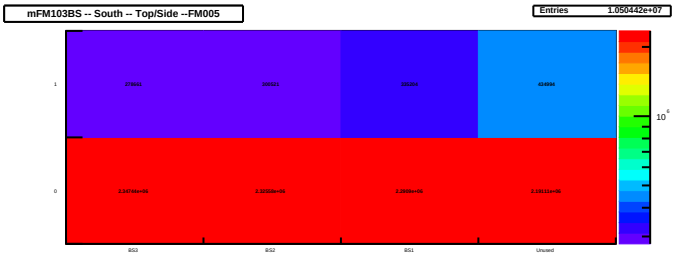
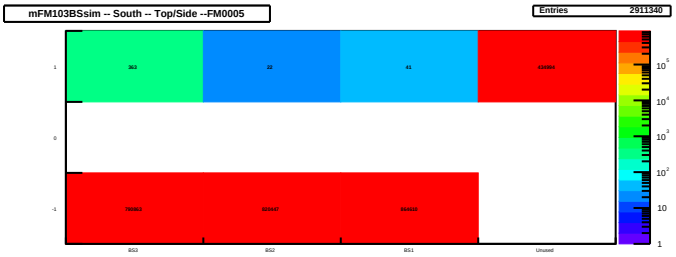

mFM103BS -- South -- Top/Side --FM005
Entries 1.050442e+07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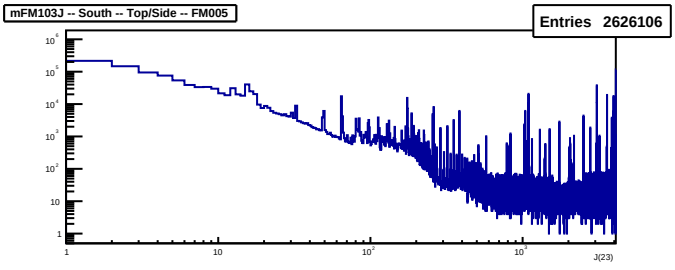
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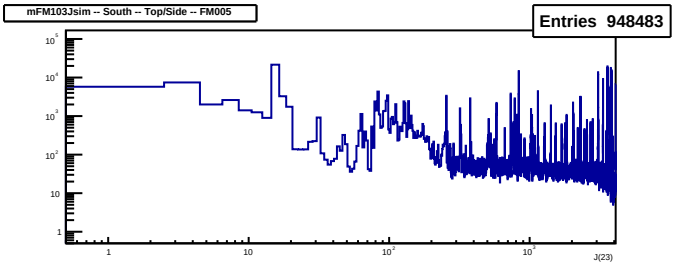
Entries 2626106
J(23)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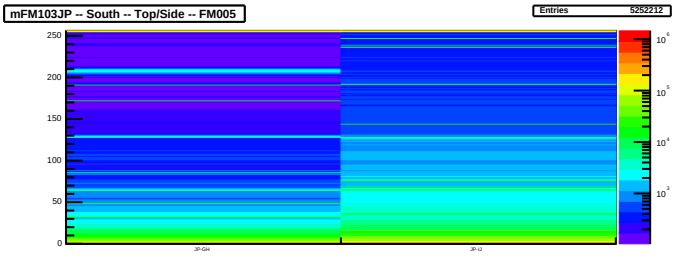
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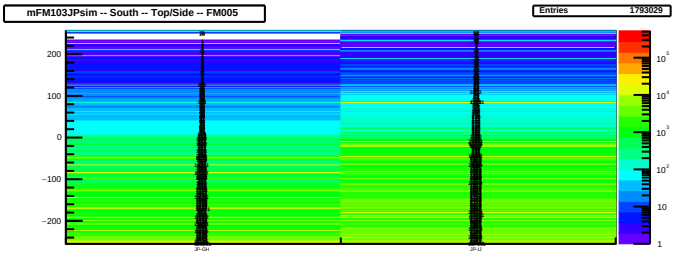
Entries 5252212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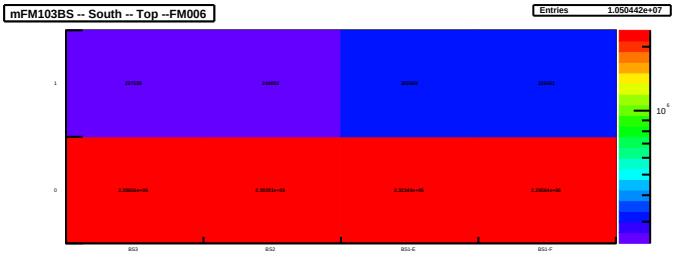
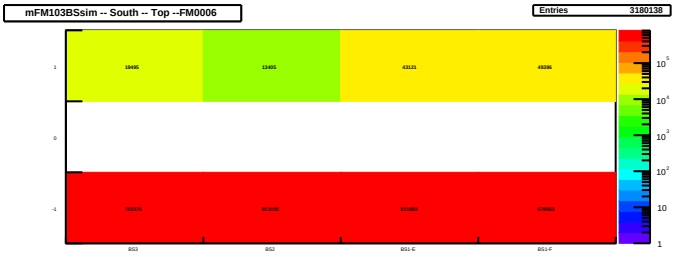

mFM103BS -- South -- Top --FM006
Entries 1.050442e+07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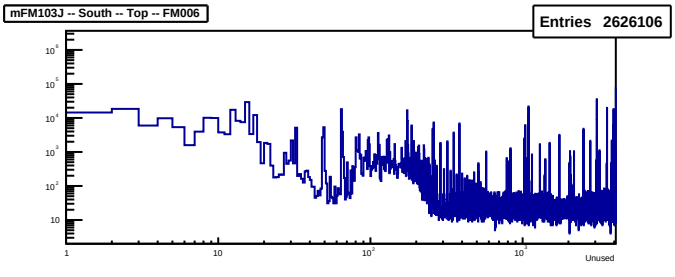
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Entries 2626106
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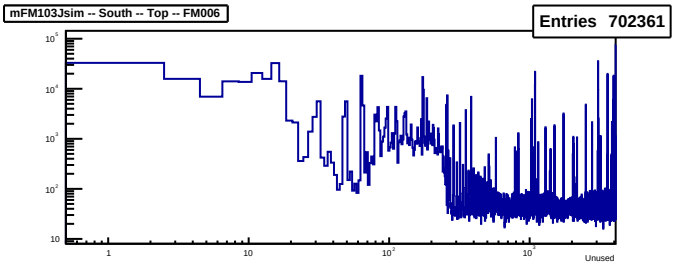
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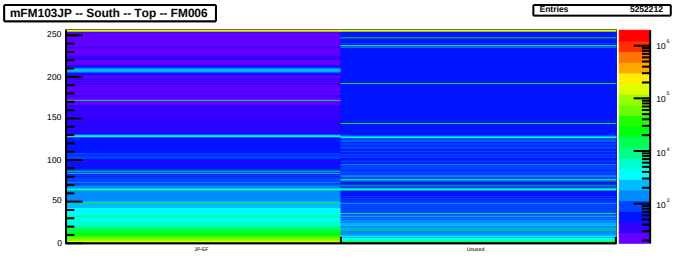
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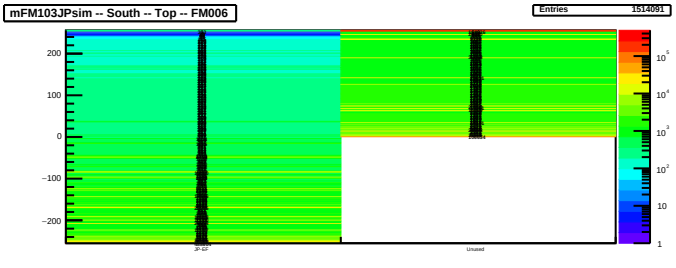
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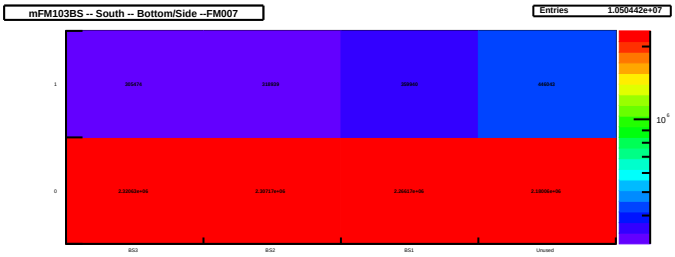
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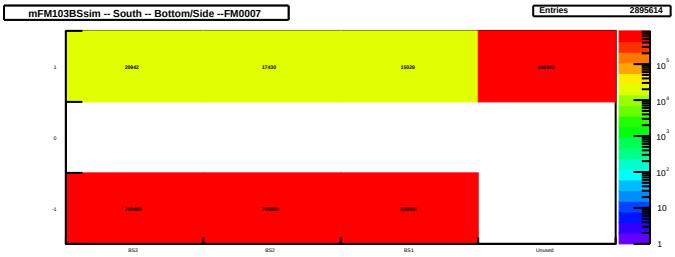
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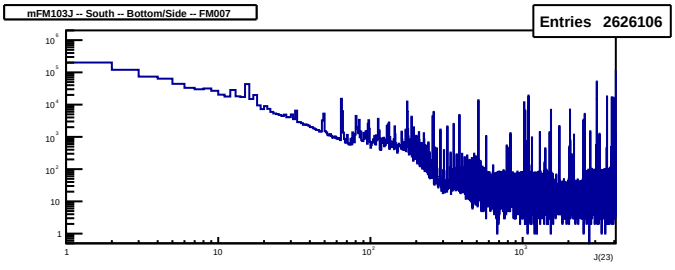
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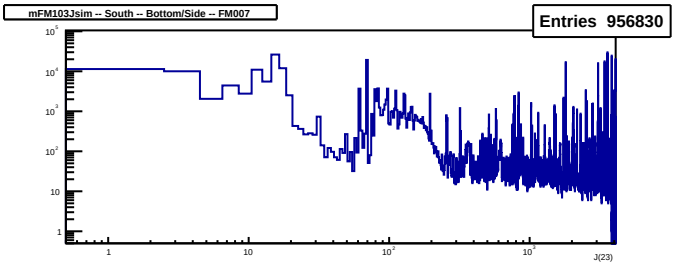
Entries 2626106
J(23)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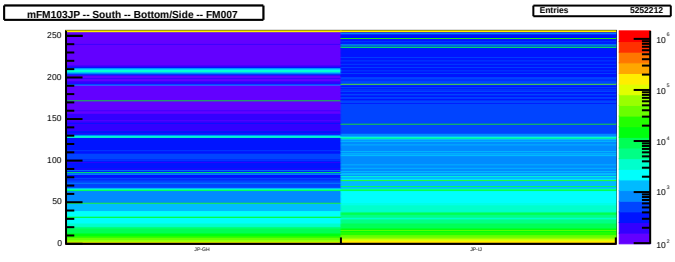
J(23)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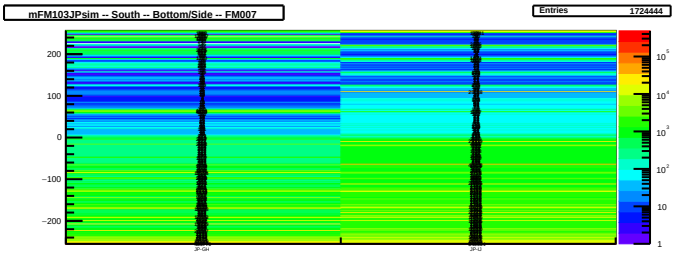
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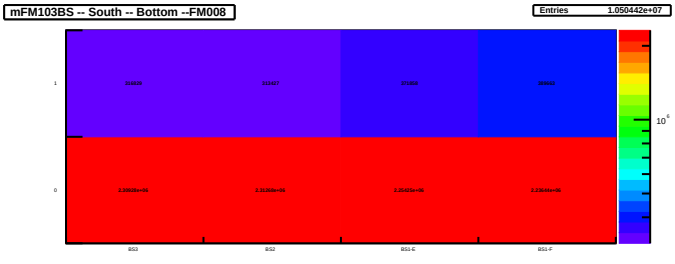
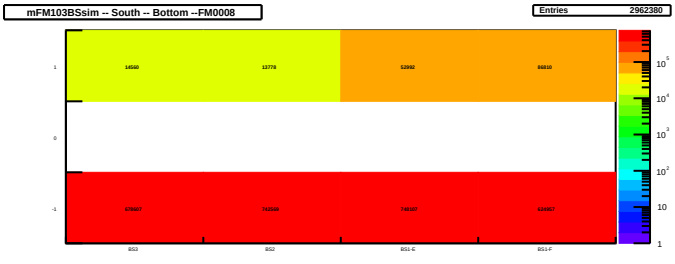

mFM103BS -- South -- Bottom --FM008
Entries 1.050442e+07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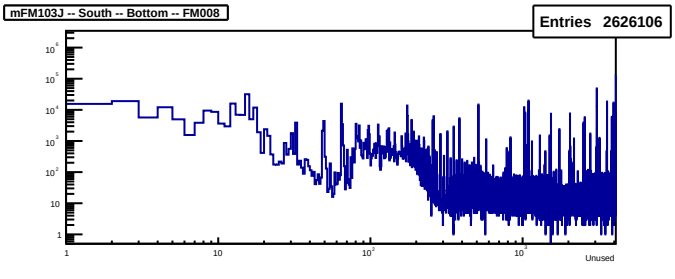
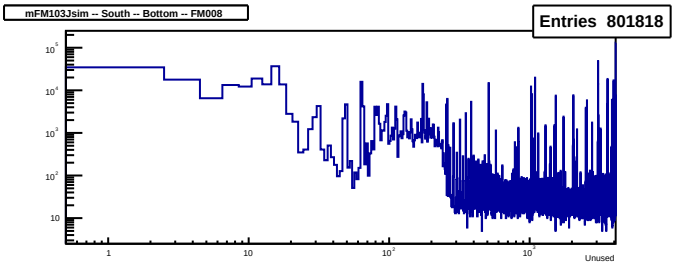

mFM103J -- South -- Bottom -- FM008
Entries 2626106
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 801818
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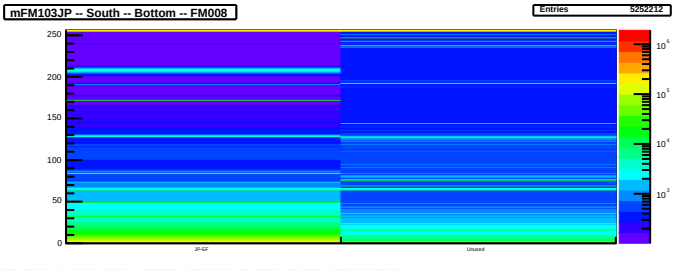
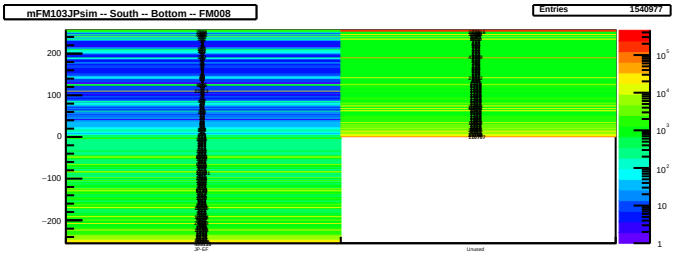
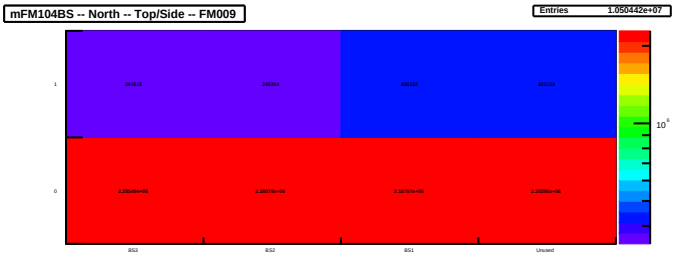
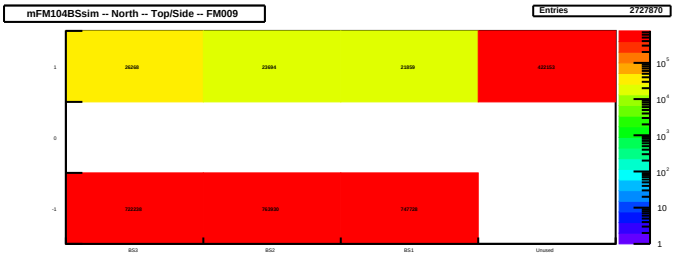

mFM103JP -- South -- Bottom -- FM008
Entries 5252212


mFM103JPsim -- South -- Bottom -- FM008
Entries 1540977


mFM104BS -- North -- Top/Side -- FM009
Entries 1.050442e+07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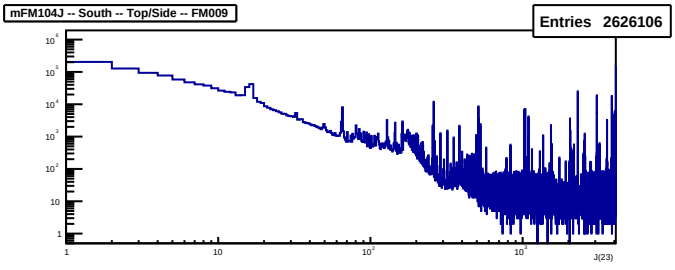
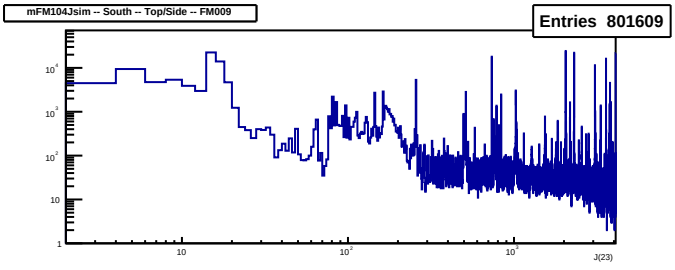
Entries 2727870


mFM104J -- South -- Top/Side -- FM009
Entries 2626106
J(23)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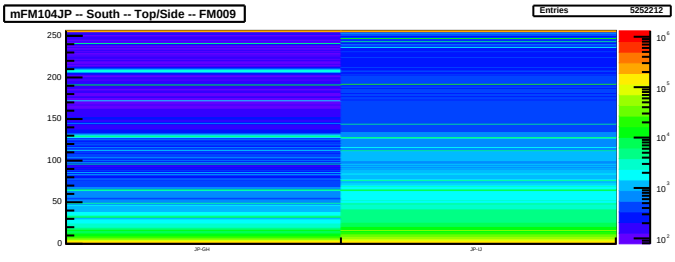
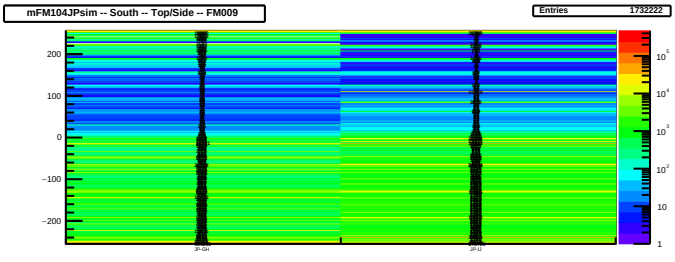
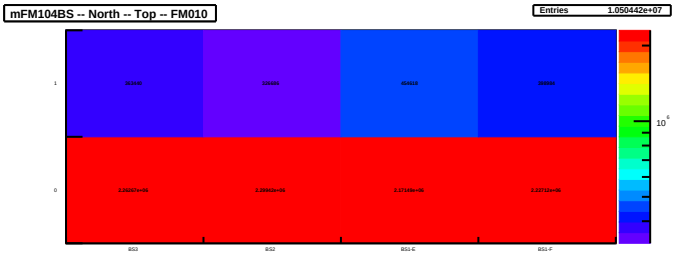
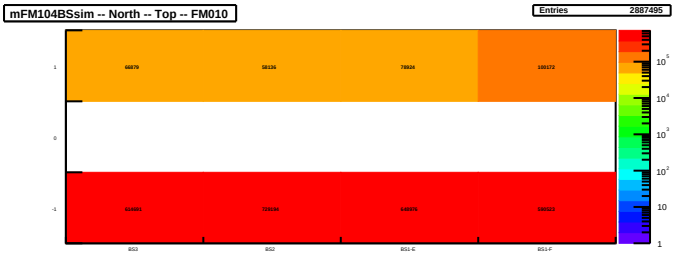
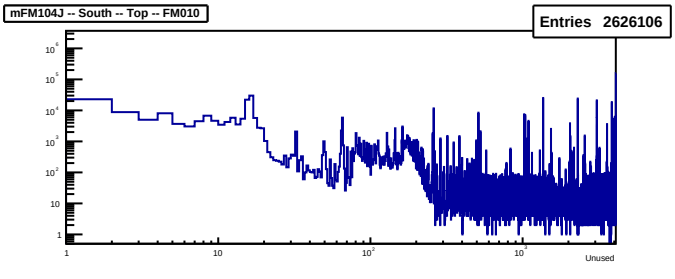
Entries 801609
J(23)

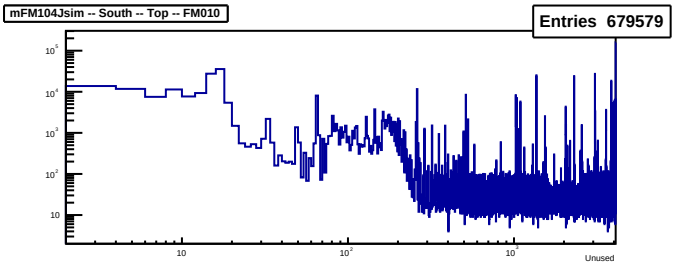

mFM104JP -- South -- Top/Side -- FM009
Entries 5252212

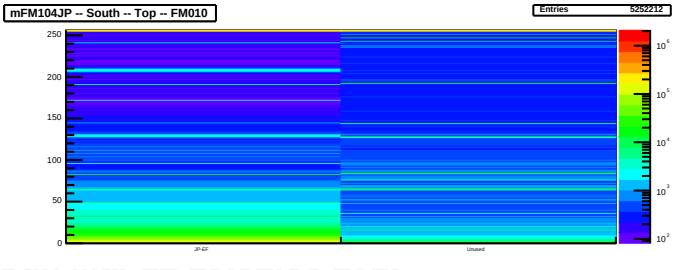

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1732222

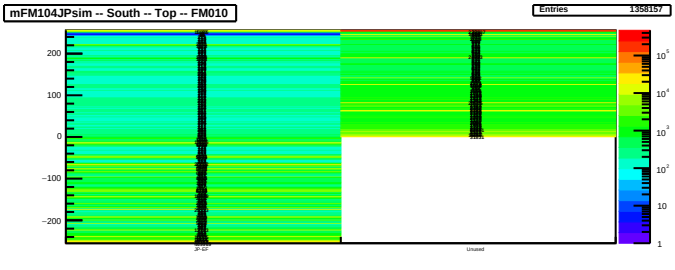

mFM104BS -- North -- Top -- FM010
Entries 1.050442e+07

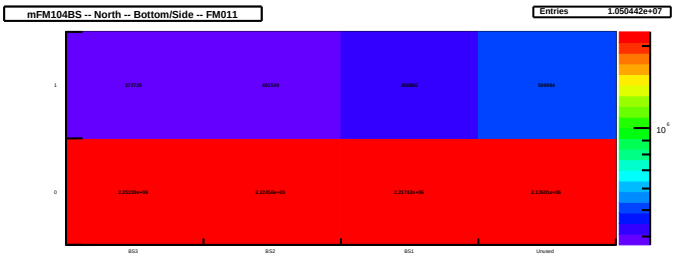

mFM104BSsim -- North -- Top -- FM010
Entries 2887495

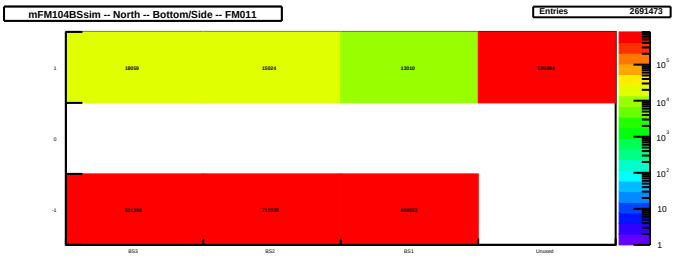

mFM104J -- South -- Top -- FM010
Entries 2626106
Unused

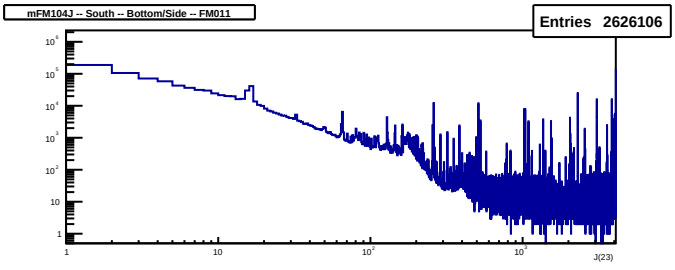

mFM104Jsim -- South -- Top -- FM010
Entries 679579
Unused

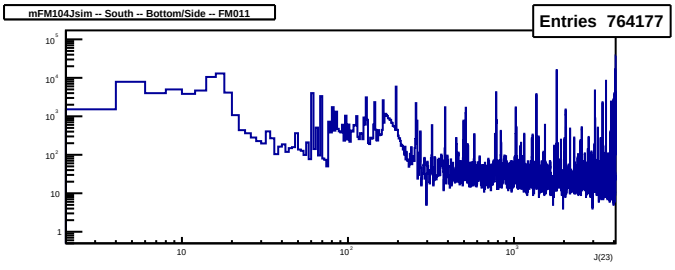

mFM104JP -- South -- Top -- FM010
Entries 5252212

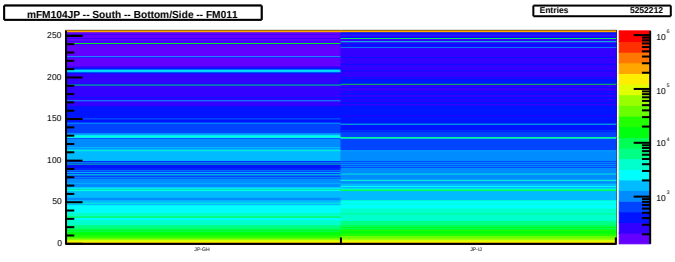

mFM104JPsim -- South -- Top -- FM010
Entries 1358157

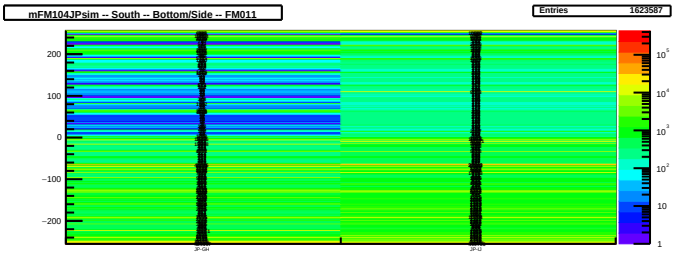

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.050442e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2691473


mFM104J -- South -- Bottom/Side -- FM011
Entries 2626106
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 764177
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 5252212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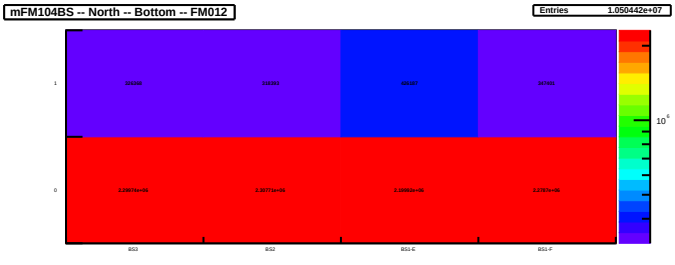
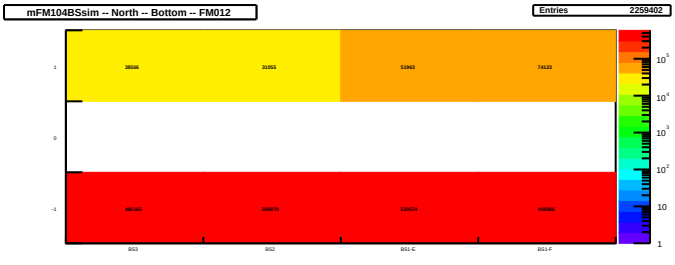
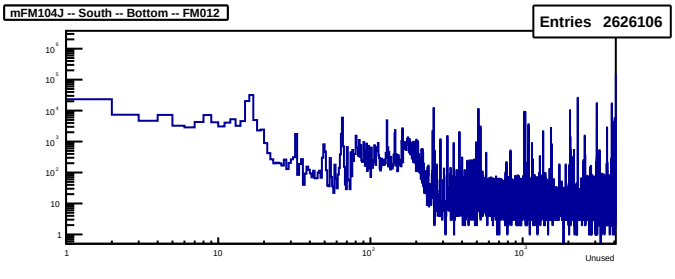
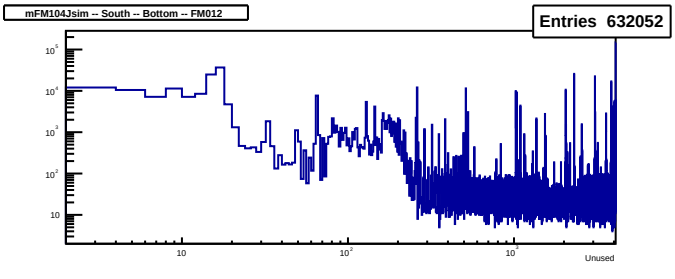
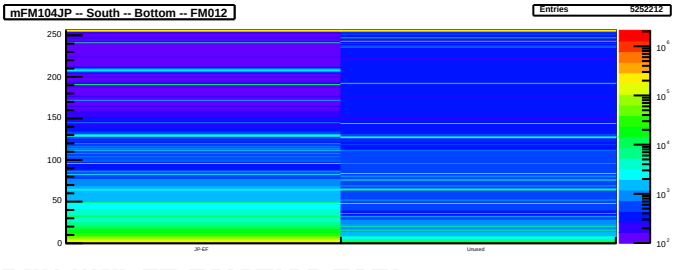
Entries 1623587

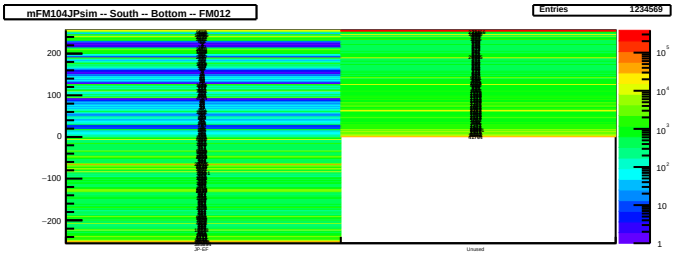

mFM104BS -- North -- Bottom -- FM012
Entries 1.050442e+07

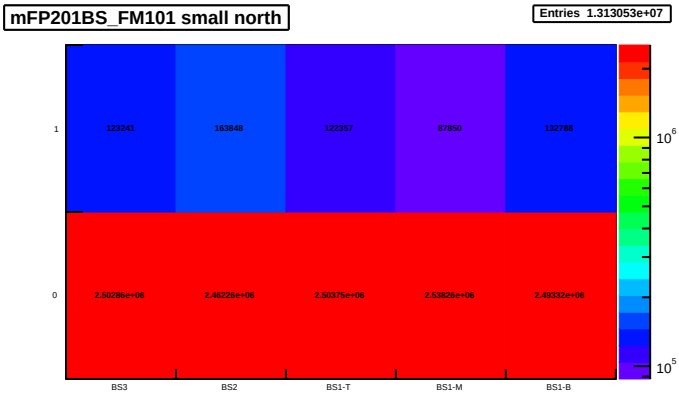

mFM104BSsim -- North -- Bottom -- FM012
Entries 2259402

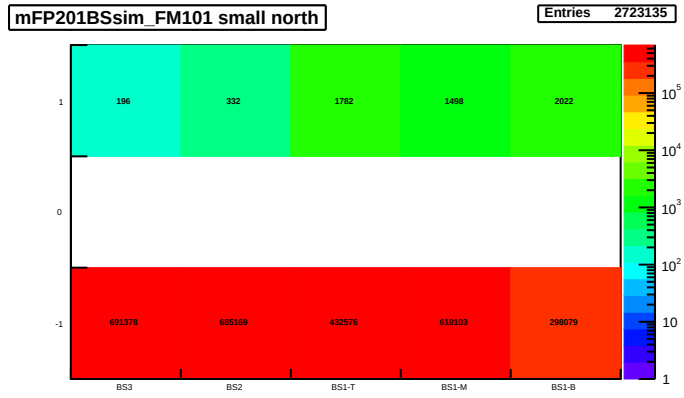

mFM104J -- South -- Bottom -- FM012
Entries 2626106
Unused

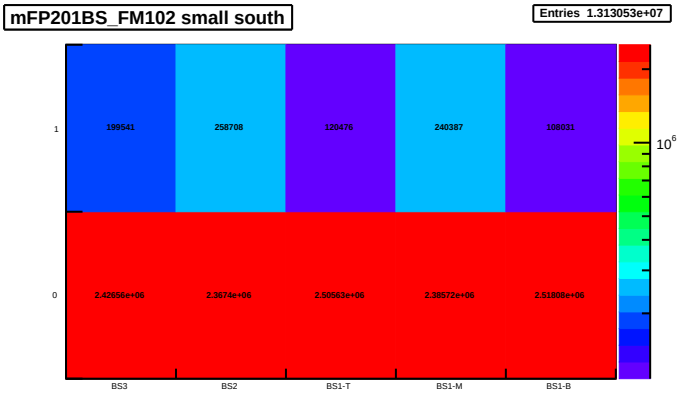

mFM104Jsim -- South -- Bottom -- FM012
Entries 632052
Unused

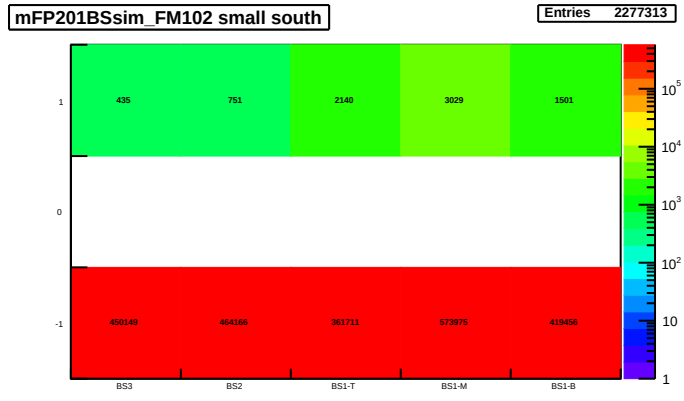

mFM104JP -- South -- Bottom -- FM012
Entries 5252212

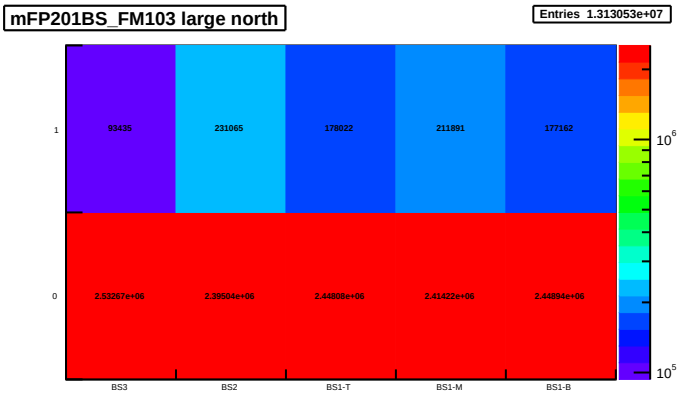

mFM104JPsim -- South -- Bottom -- FM012
Entries 1234569

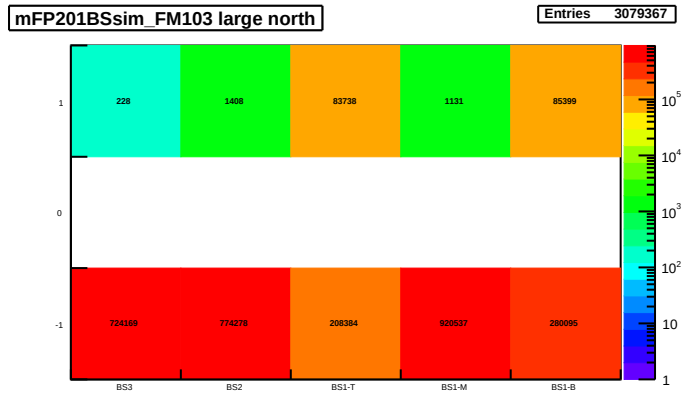

mFP201BS_FM101 small north
Entries 1.313053e+07
123241
163848
122357
87850
132788
2.50286e+06
2.46226e+06
2.50375e+06
2.53826e+06
2.49332e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

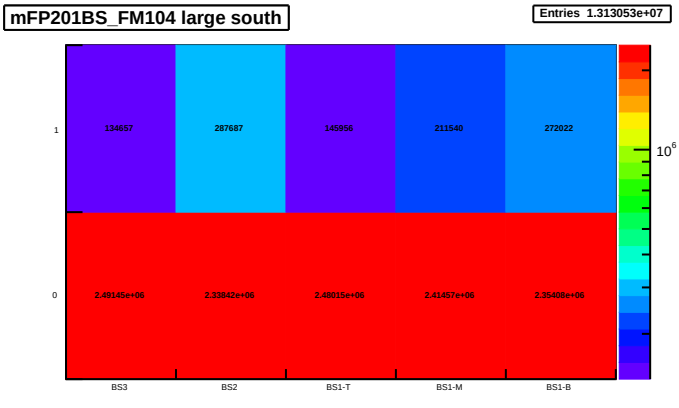

mFP201BSsim_FM101 small north
Entries 2723135
196
332
1782
1498
2022
691378
685169
432576
610103
298079
BS3
BS2
BS1-T
BS1-M
BS1-B

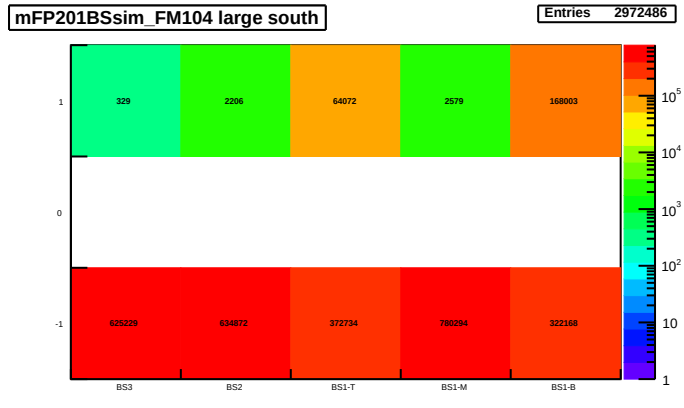

mFP201BS_FM102 small south
Entries 1.313053e+07
199541
258708
120476
240387
108031
2.42656e+06
2.3674e+06
2.50563e+06
2.38572e+06
2.51808e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

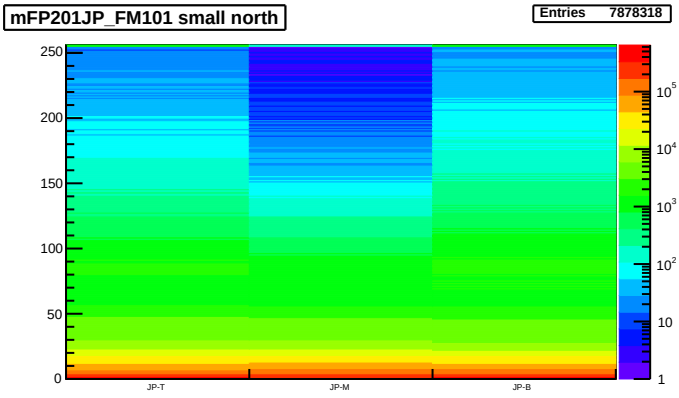

mFP201BSsim_FM102 small south
Entries 2277313
435
751
2140
3029
1501
450149
464166
361711
573975
419456
BS3
BS2
BS1-T
BS1-M
BS1-B

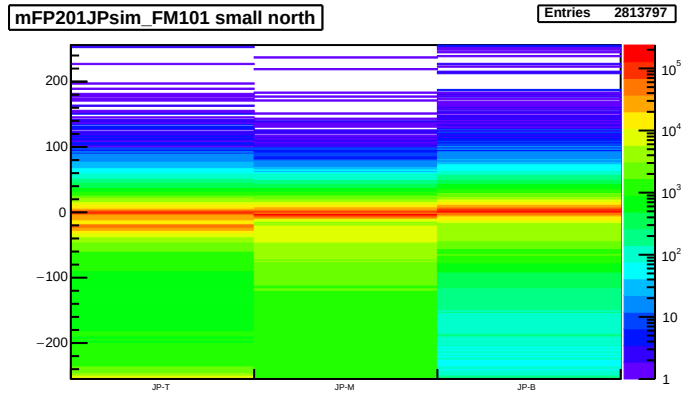

mFP201BS_FM103 large north
Entries 1.313053e+07
93435
231065
178022
211891
177162
2.53267e+06
2.39504e+06
2.44808e+06
2.41422e+06
2.44894e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

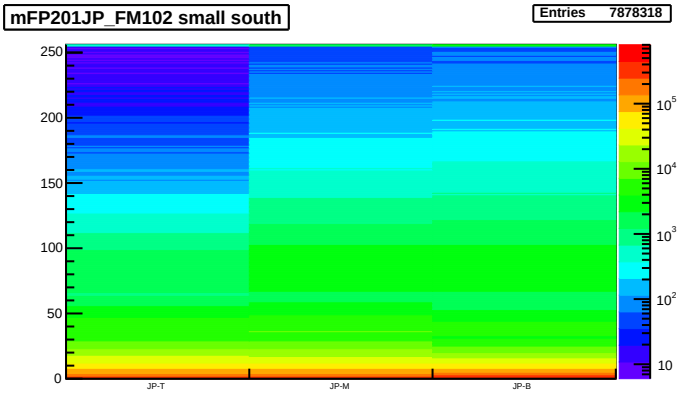

mFP201BSsim_FM103 large north
Entries 3079367
228
1408
83738
1131
85399
724169
774278
208384
920537
280095
BS3
BS2
BS1-T
BS1-M
BS1-B

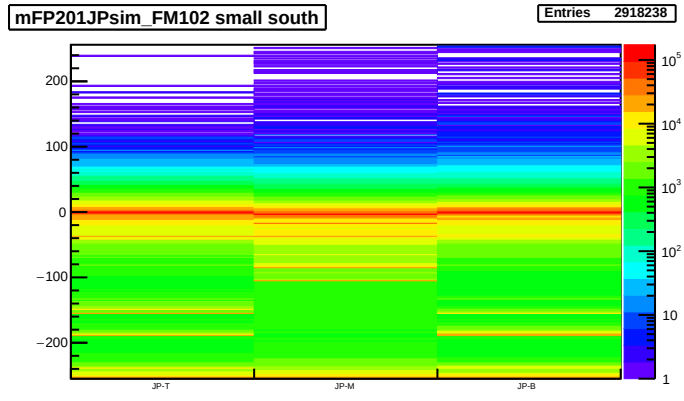

mFP201BS_FM104 large south
Entries 1.313053e+07
134657
287687
145956
211540
272022
2.49145e+06
2.33842e+06
2.48015e+06
2.41457e+06
2.35408e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

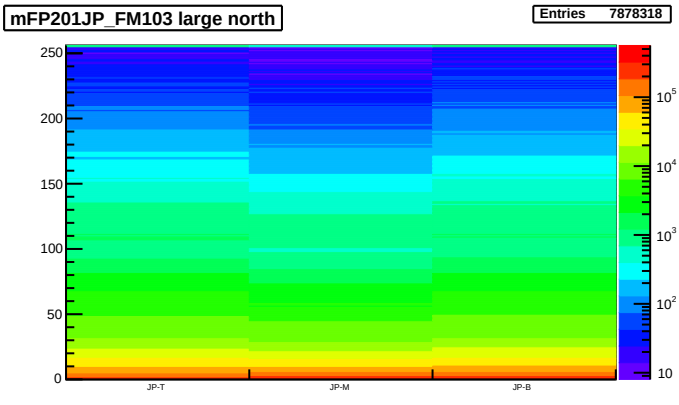

mFP201BSsim_FM104 large south
Entries 2972486
329
2206
64072
2579
168003
625229
634872
372734
780294
322168
BS3
BS2
BS1-T
BS1-M
BS1-B

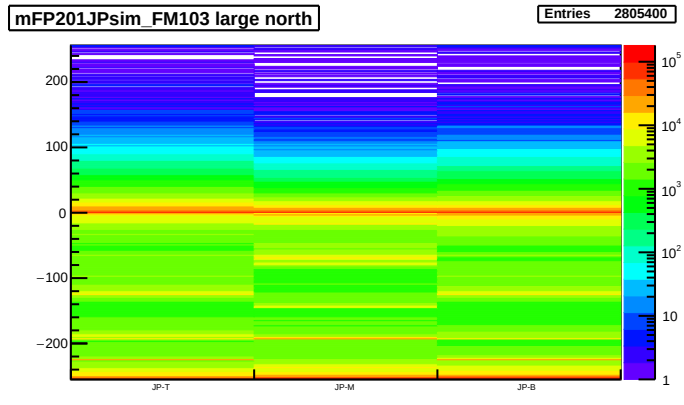

mFP201JP_FM101 small north
Entries 7878318
JP-T
JP-M
JP-B

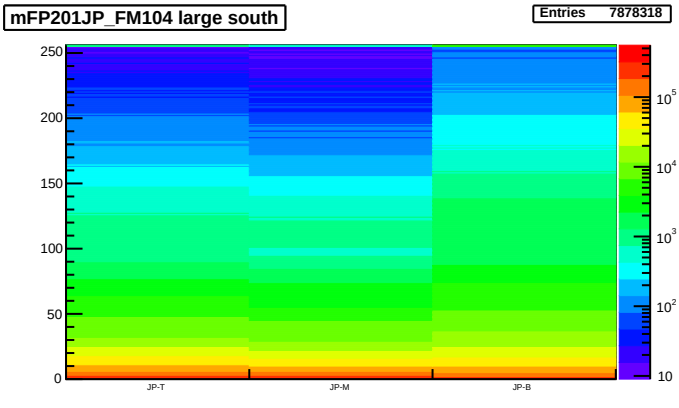

mFP201JPsim_FM101 small north
Entries 2813797
JP-T
JP-M
JP-B

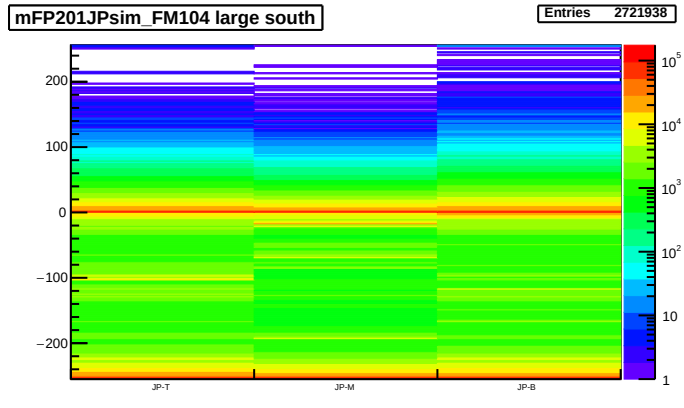

mFP201JP_FM102 small south
Entries 7878318
JP-T
JP-M
JP-B

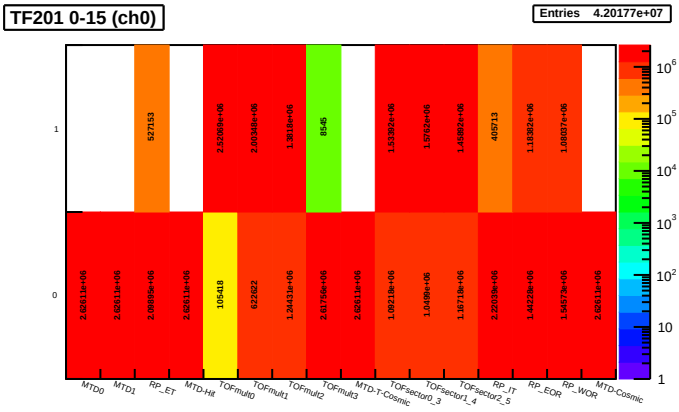

mFP201JPsim_FM102 small south
Entries 2918238
JP-T
JP-M
JP-B

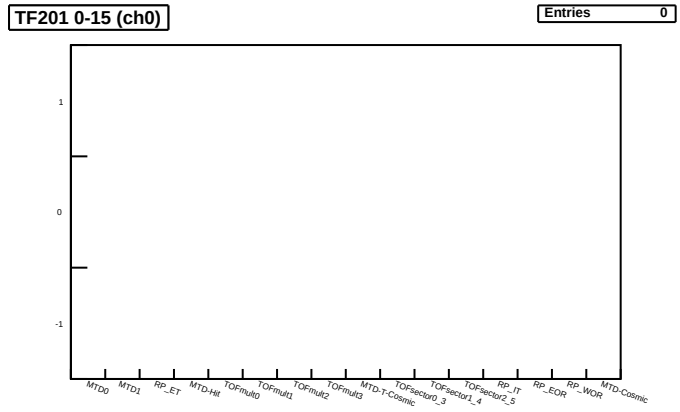

mFP201JP_FM103 large north
Entries 7878318
JP-T
JP-M
JP-B

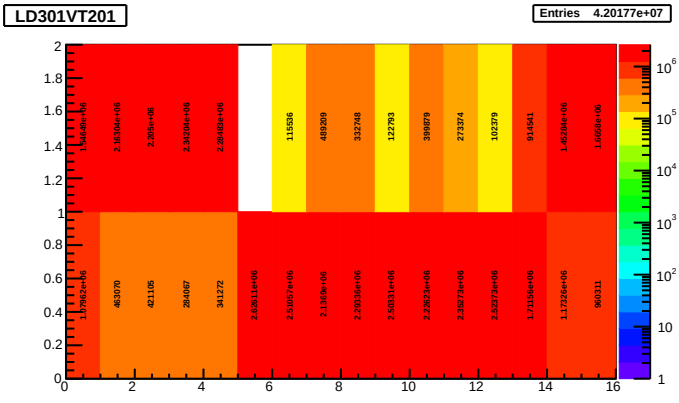

mFP201JPsim_FM103 large north
Entries 2805400
JP-T
JP-M
JP-B

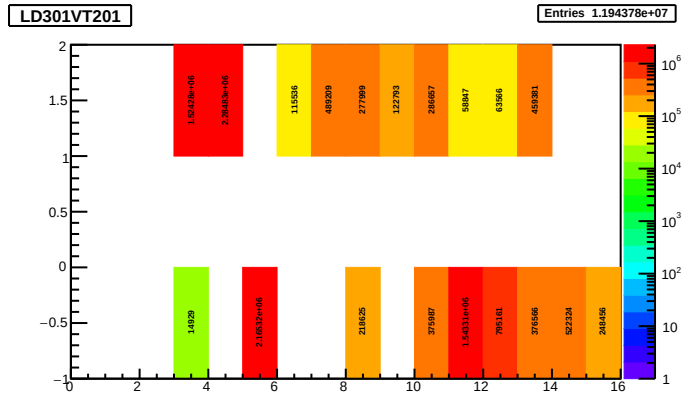

mFP201JP_FM104 large south
Entries 7878318
JP-T
JP-M
JP-B

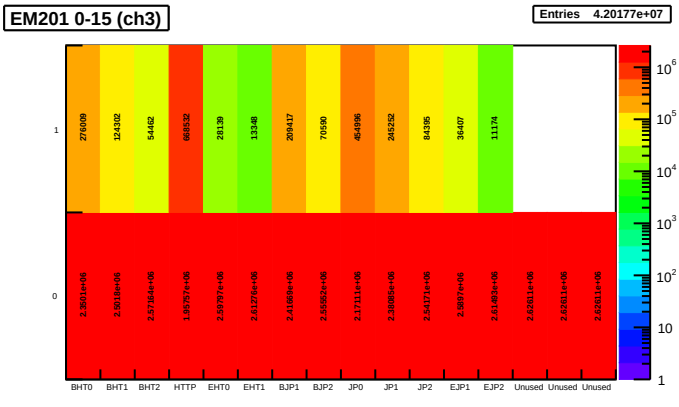

mFP201JPsim_FM104 large south
Entries 2721938
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 4.20177e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 4.20177e+07


LD301VT201
Entries 1.194378e+07


EM201 0-15 (ch3)
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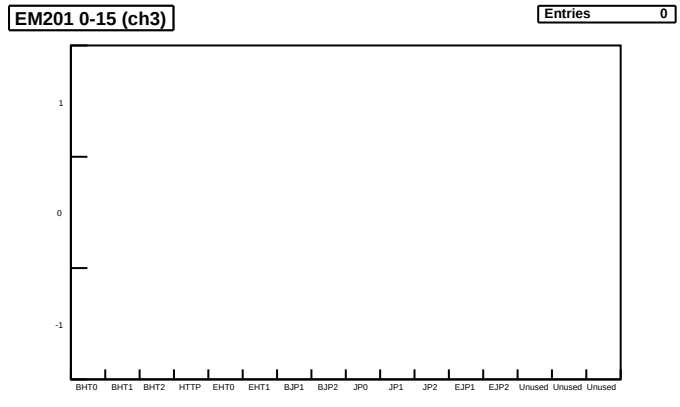
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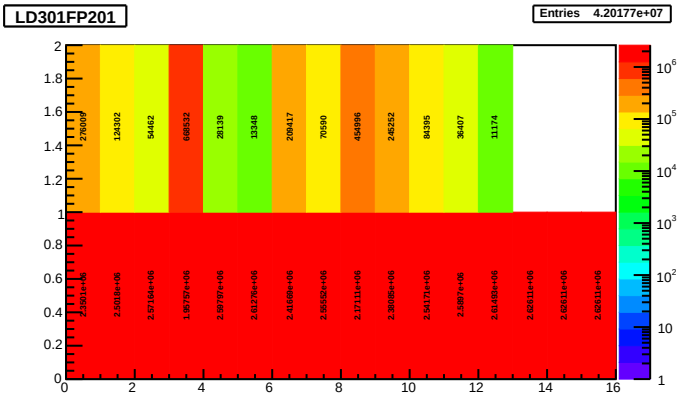
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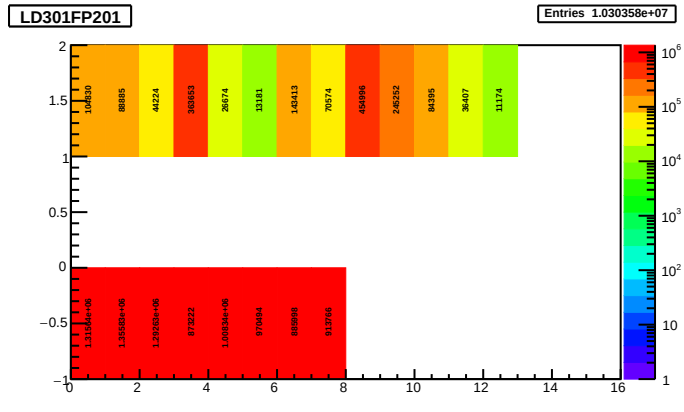
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