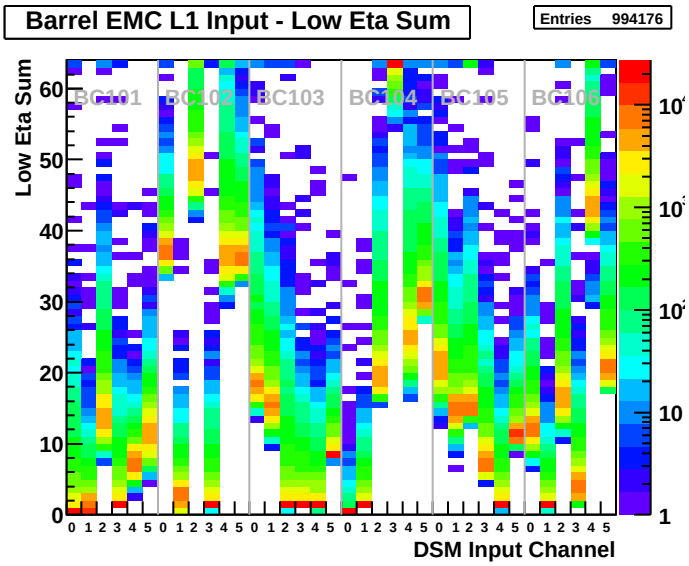
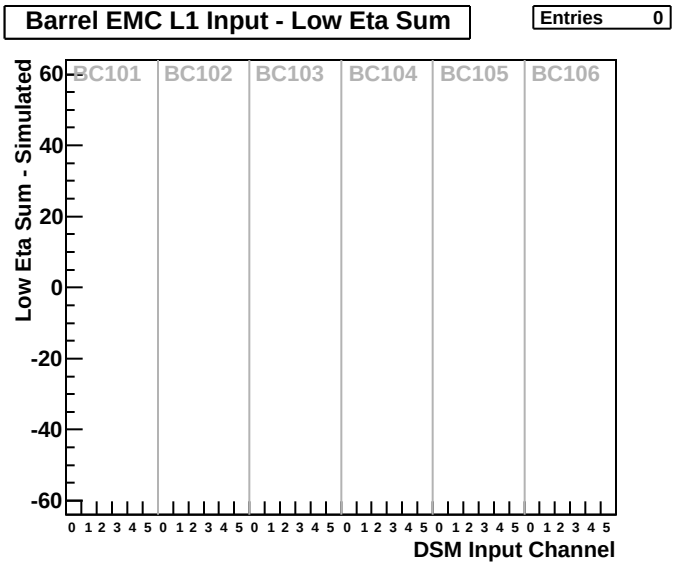
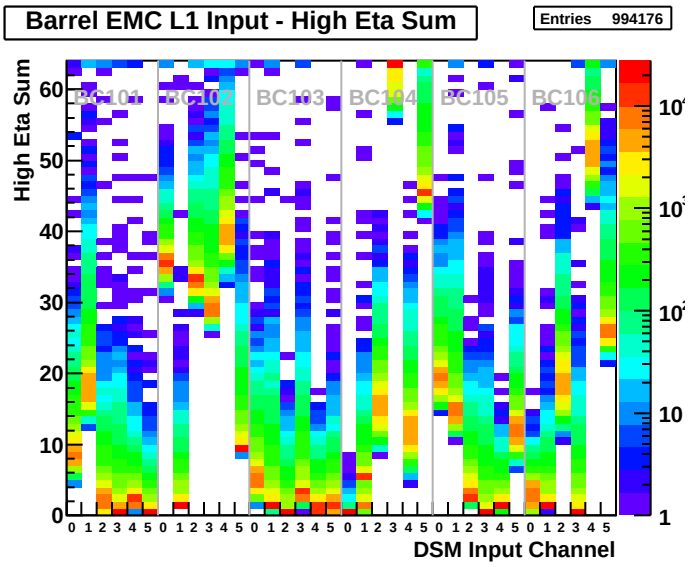
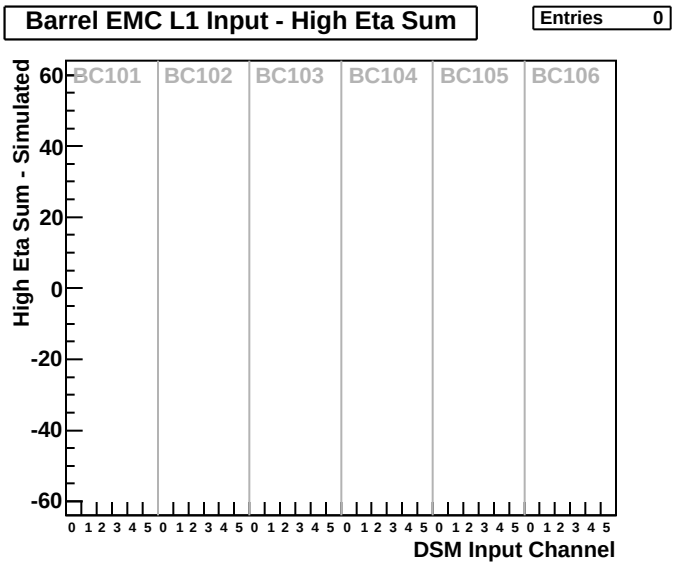
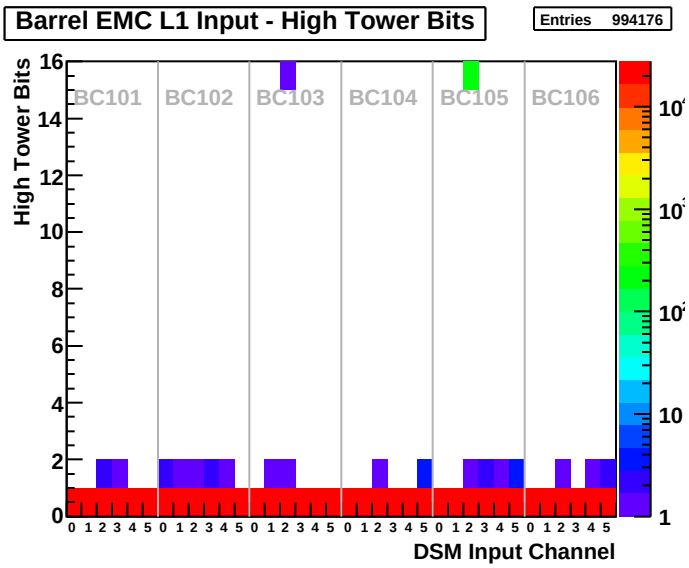
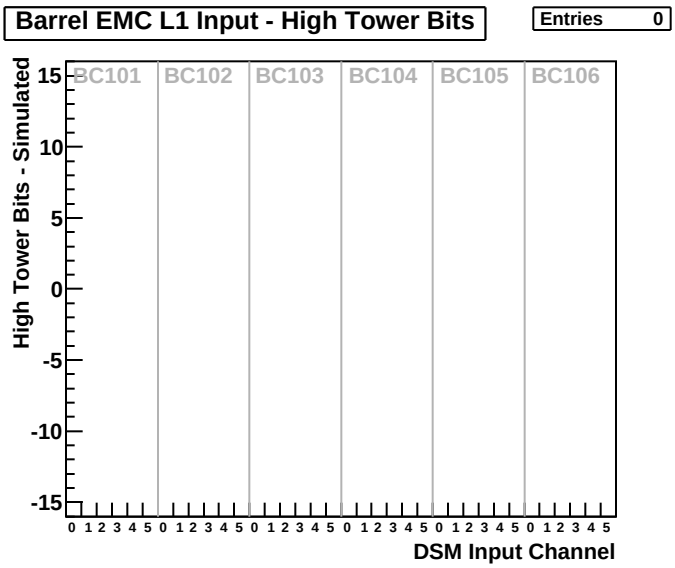

Barrel EMC L1 Input - Low Eta Sum
Entries 994176
Low Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

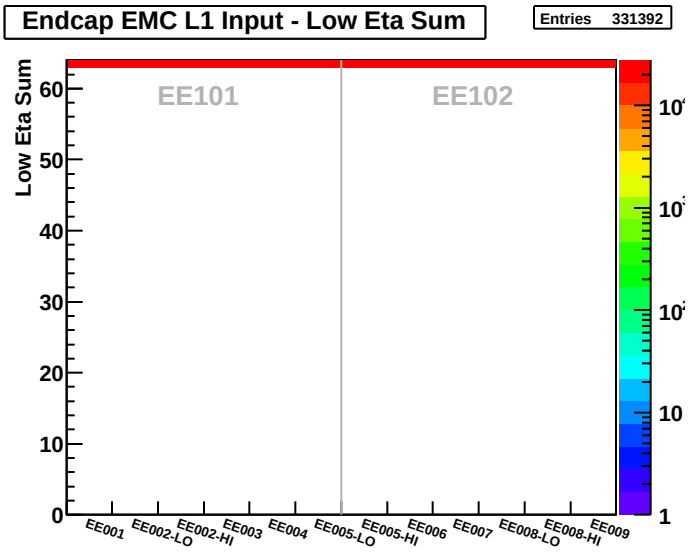

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

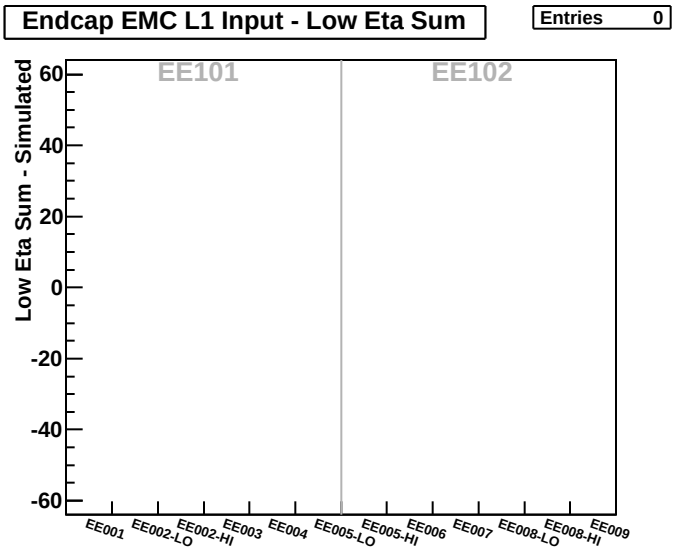

Barrel EMC L1 Input - High Eta Sum
Entries 994176
High Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

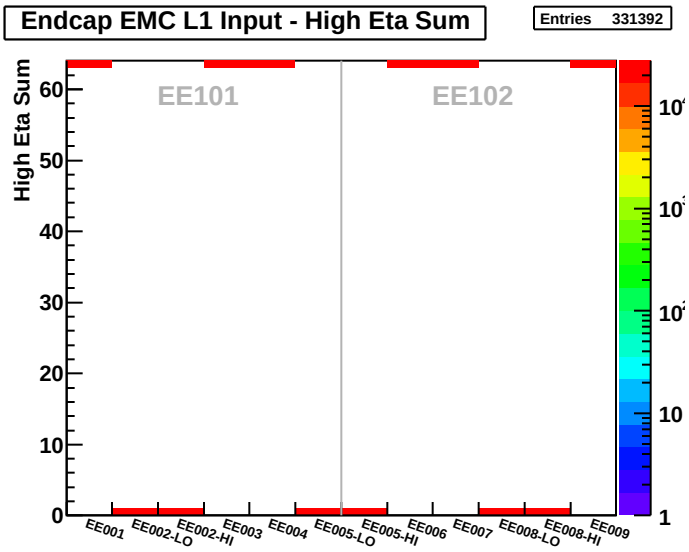

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

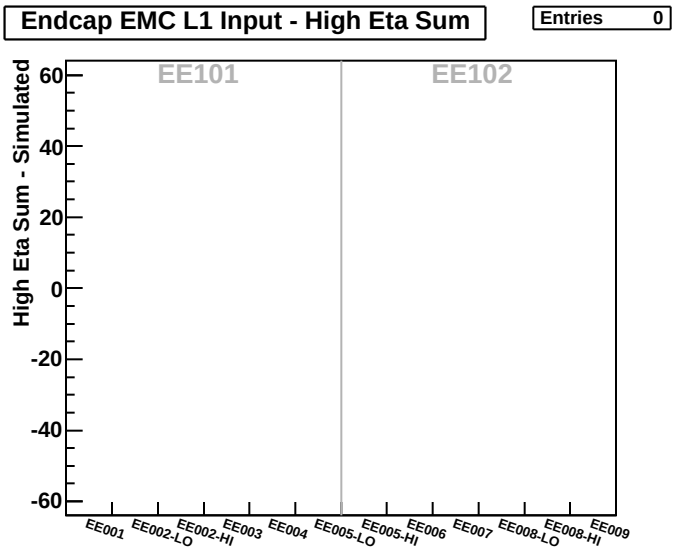

Barrel EMC L1 Input - High Tower Bits
Entries 994176
High Tower Bits
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

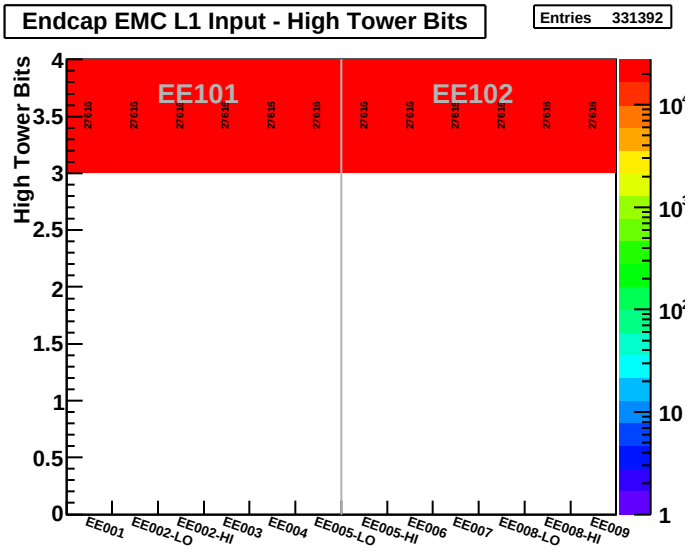

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

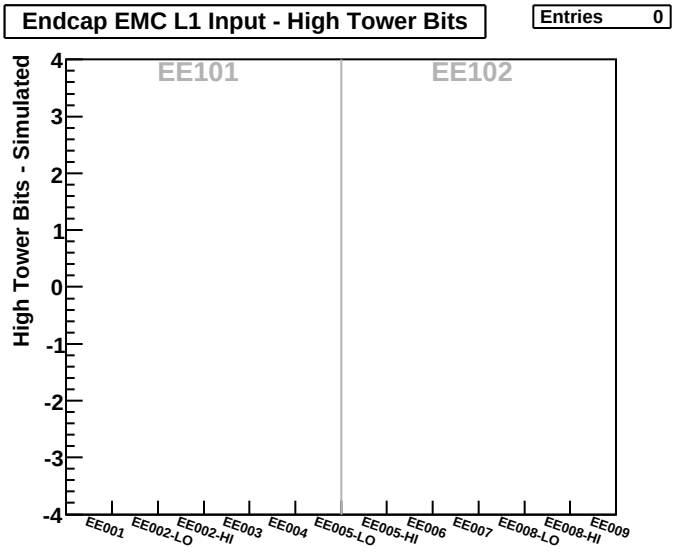

Endcap EMC L1 Input - Low Eta Sum
Entries 331392
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

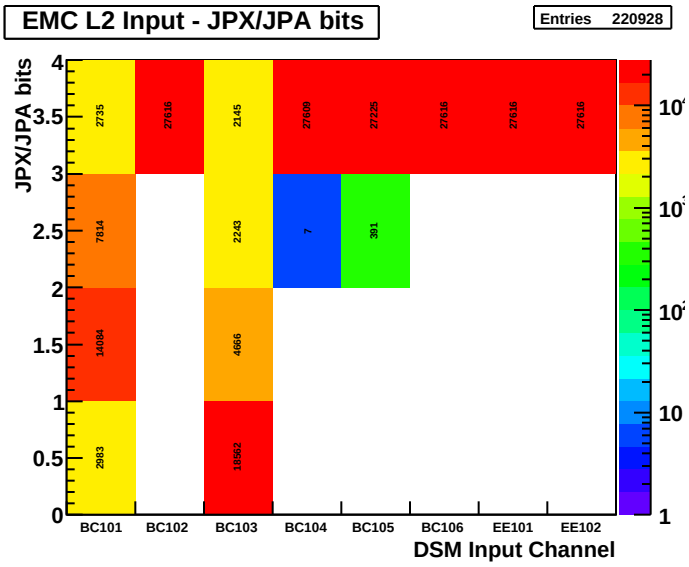

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

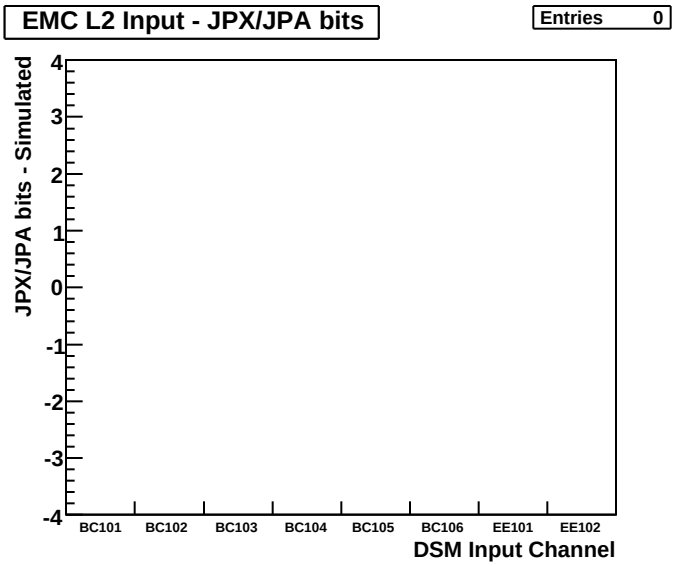

Endcap EMC L1 Input - High Eta Sum
Entries 331392
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

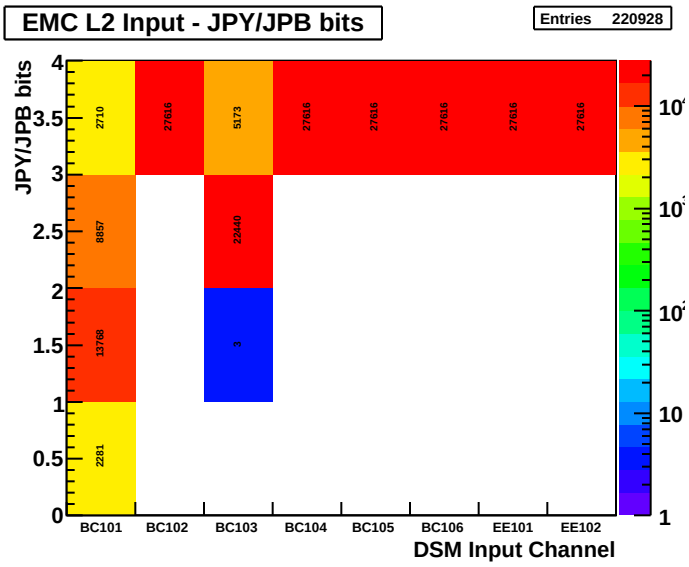

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

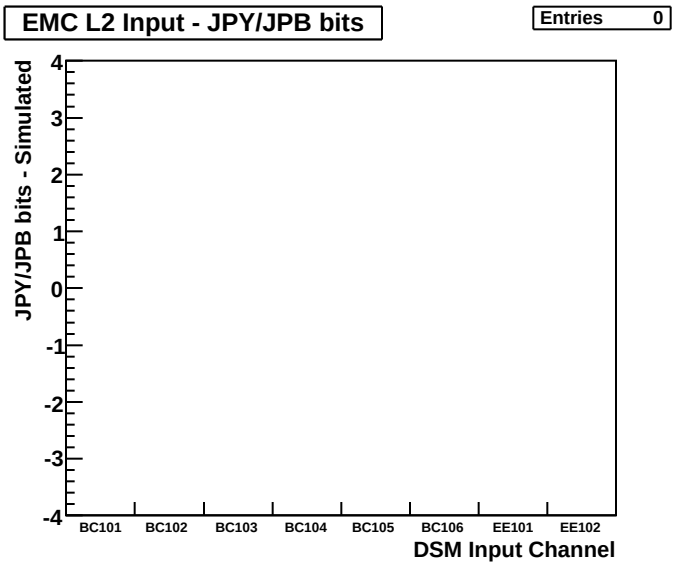

Endcap EMC L1 Input - High Tower Bits
Entries 331392
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

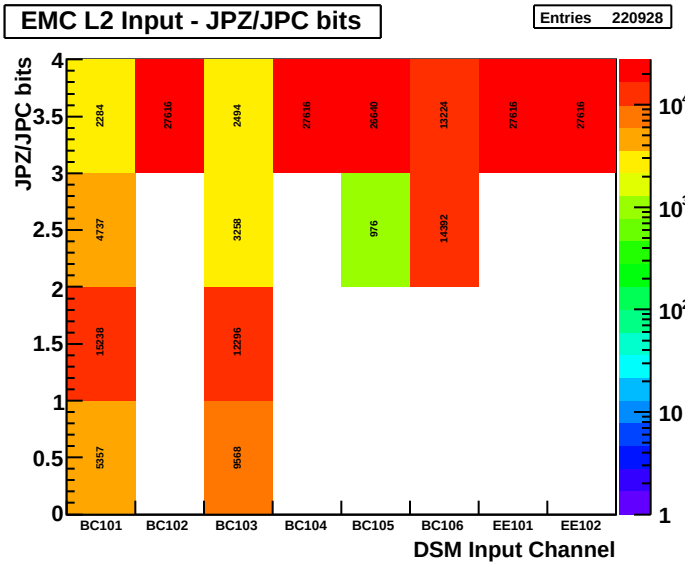

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

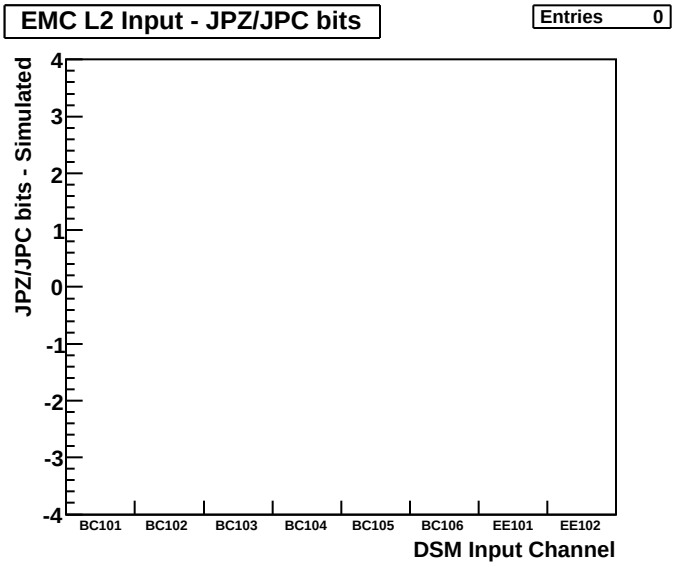

EMC L2 Input - JPX/JPA bits
Entries 220928
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2735 27616 2145 27609 27225 27616 27616 27616
7814 2243 7 391
14084 4666
2983 18562

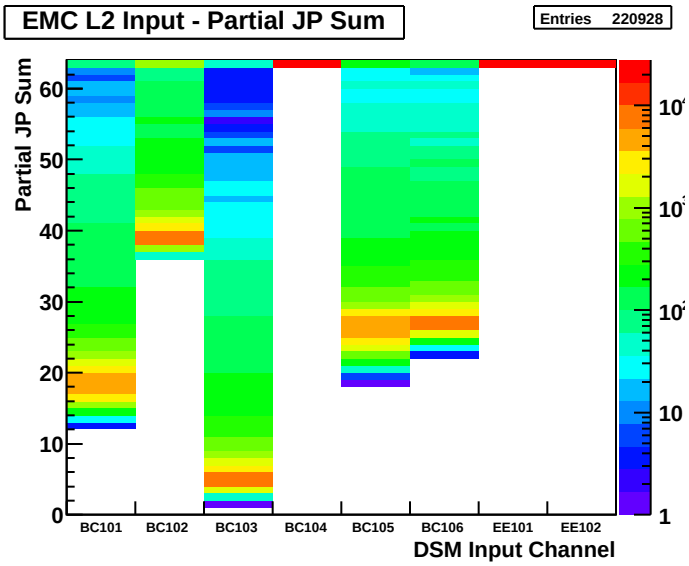

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

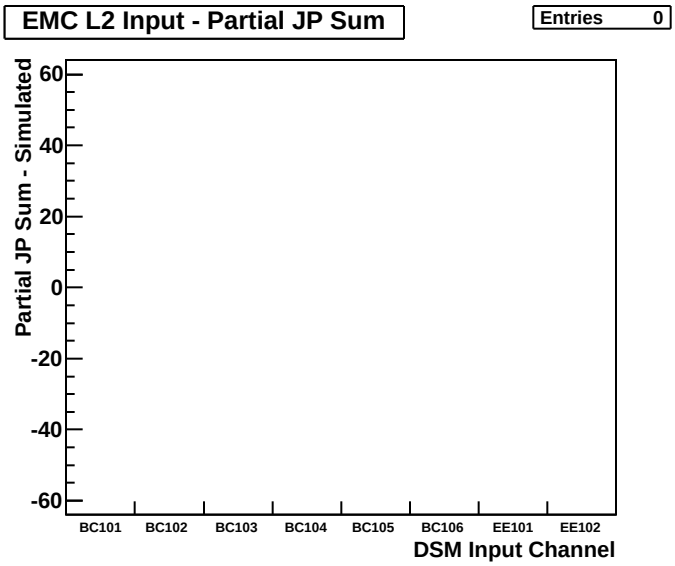

EMC L2 Input - JPY/JPB bits
Entries 220928
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2710 27616 5173 27616 27616 27616 27616 27616
8857 22440
13768 3
2281

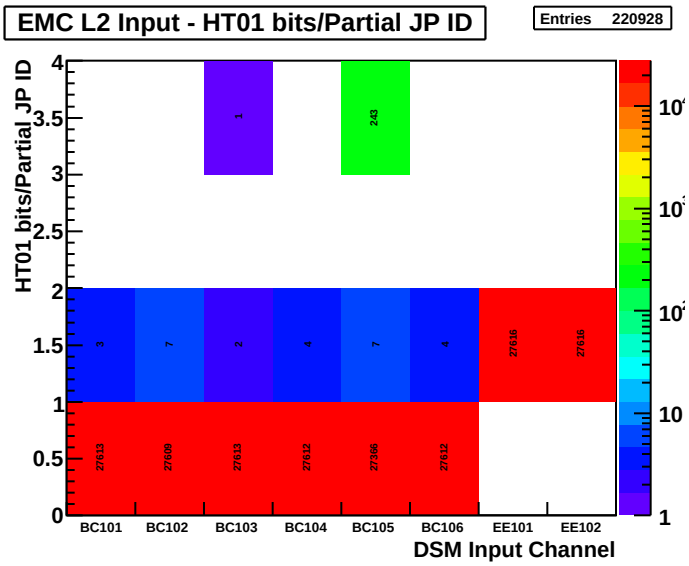

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

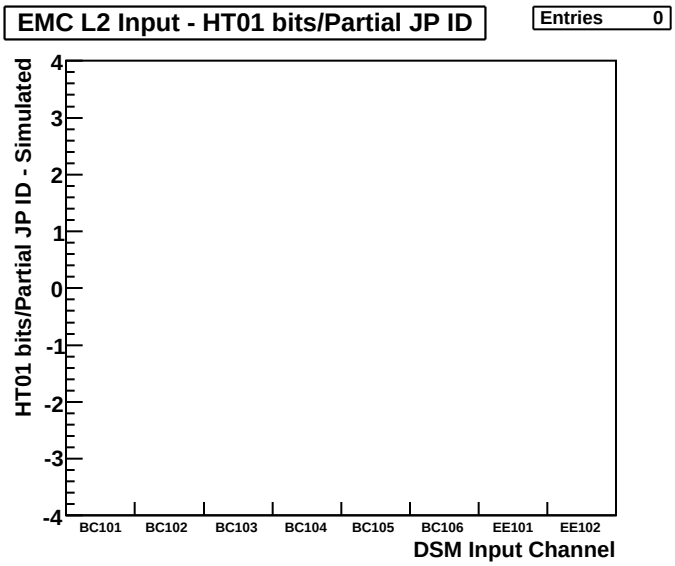

EMC L2 Input - JPZ/JPC bits
Entries 220928
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2284 27616 2494 27616 26640 13224 27616 27616
4737 3259 976 14392
15238 12296
5357 9568

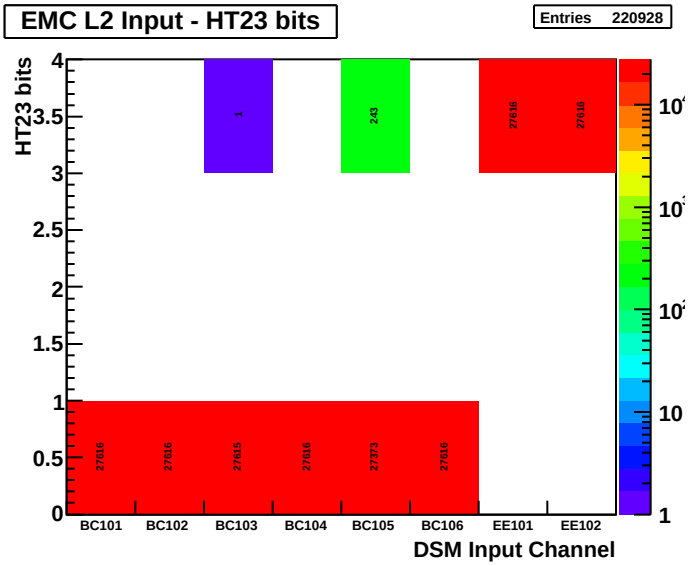

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

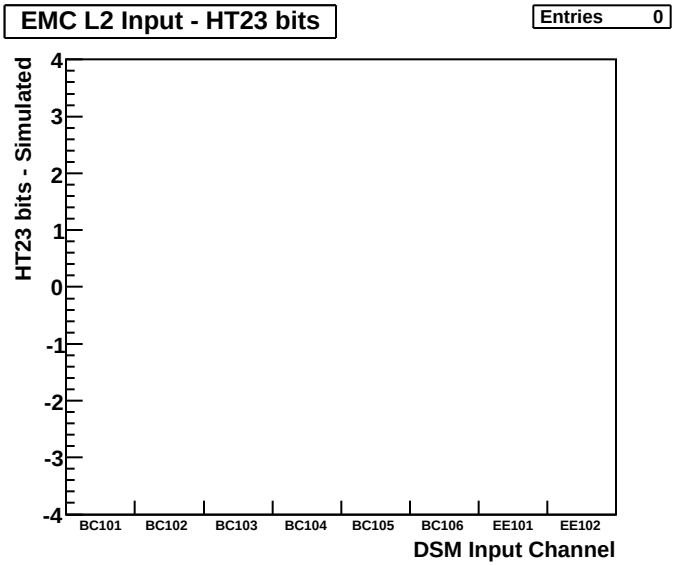

EMC L2 Input - Partial JP Sum
Entries 220928
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

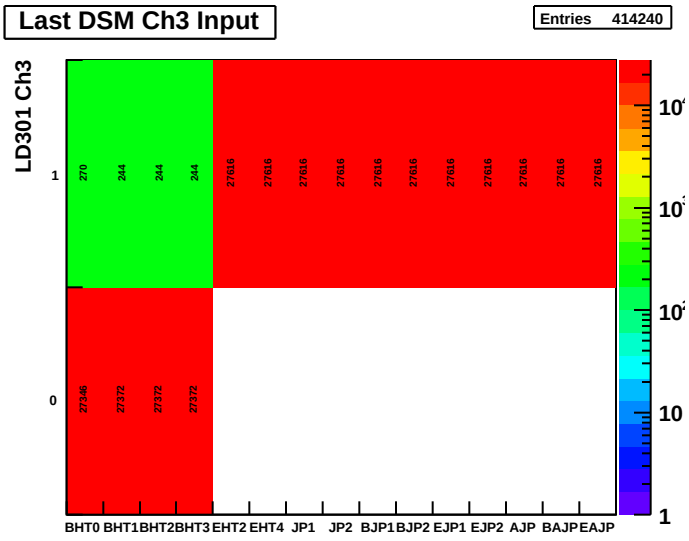

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

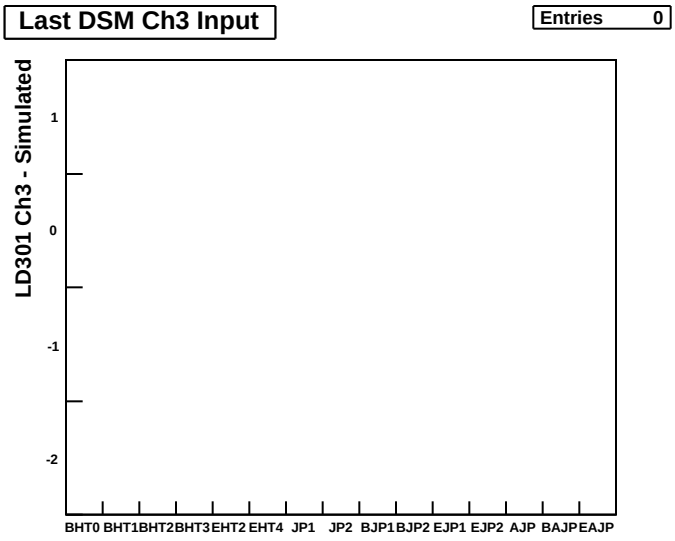

EMC L2 Input - HT01 bits/Partial JP ID
Entries 220928
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

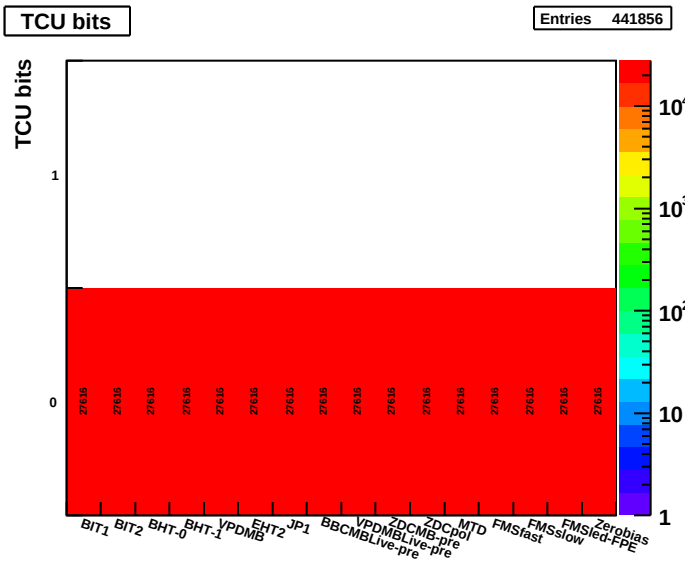

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

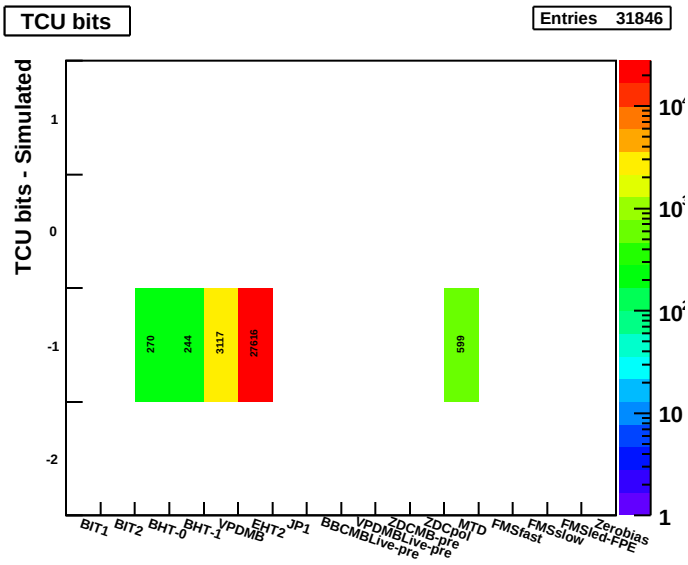

EMC L2 Input - HT23 bits
Entries 220928
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

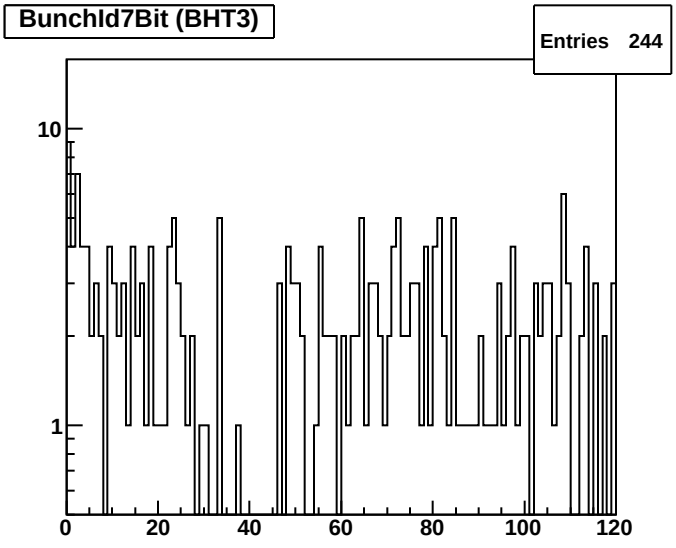

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

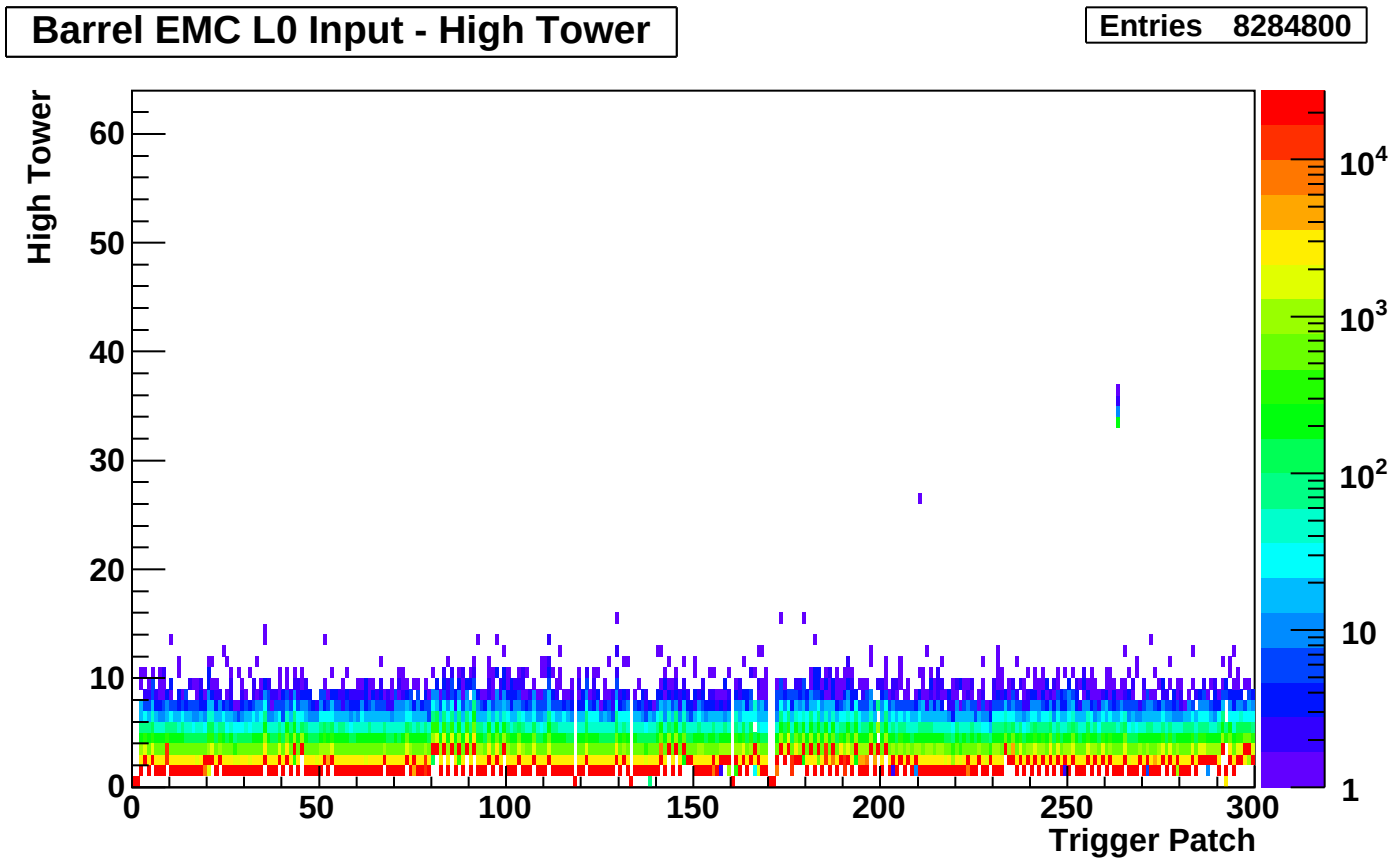

Last DSM Ch3 Input
Entries 414240
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

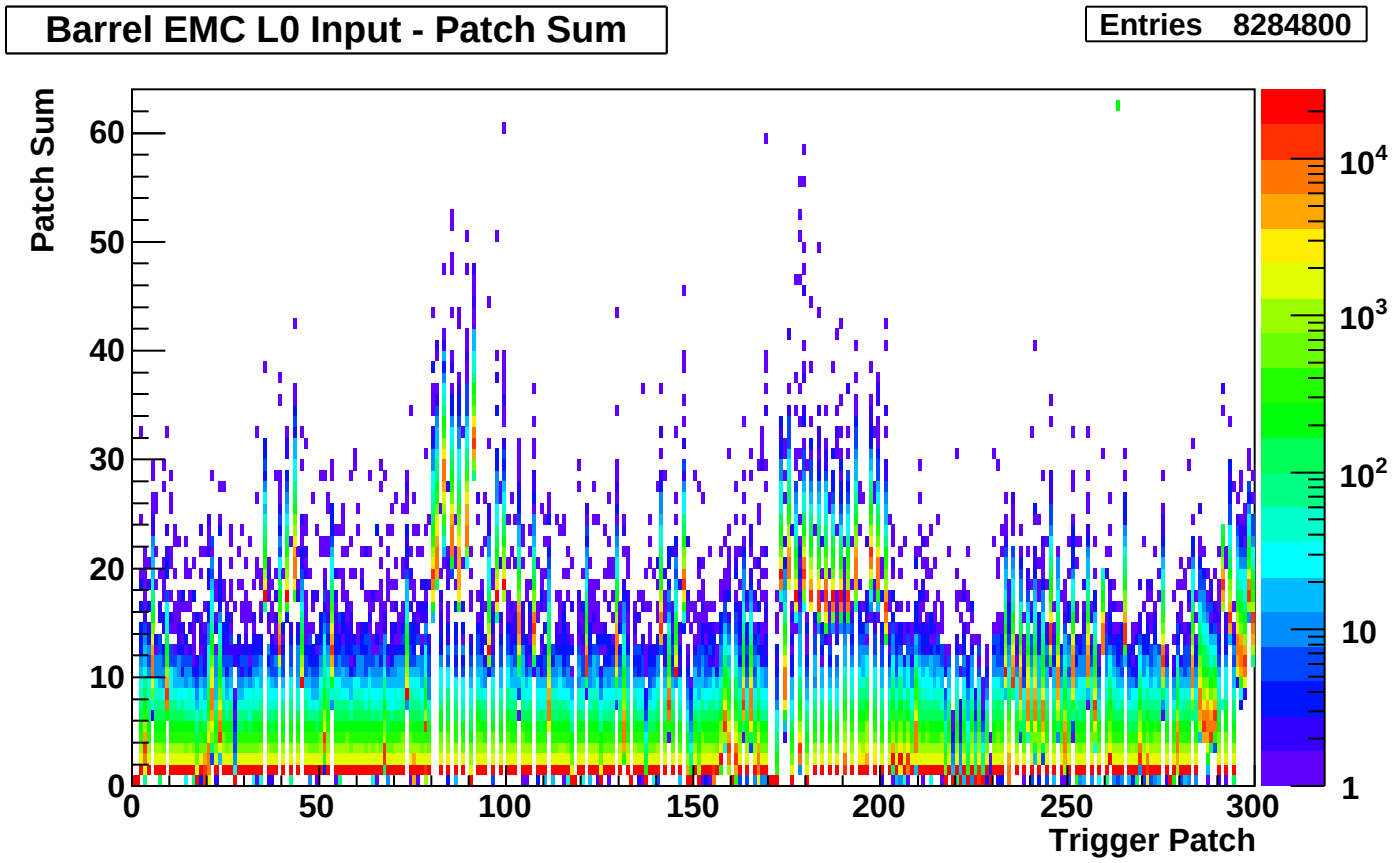

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

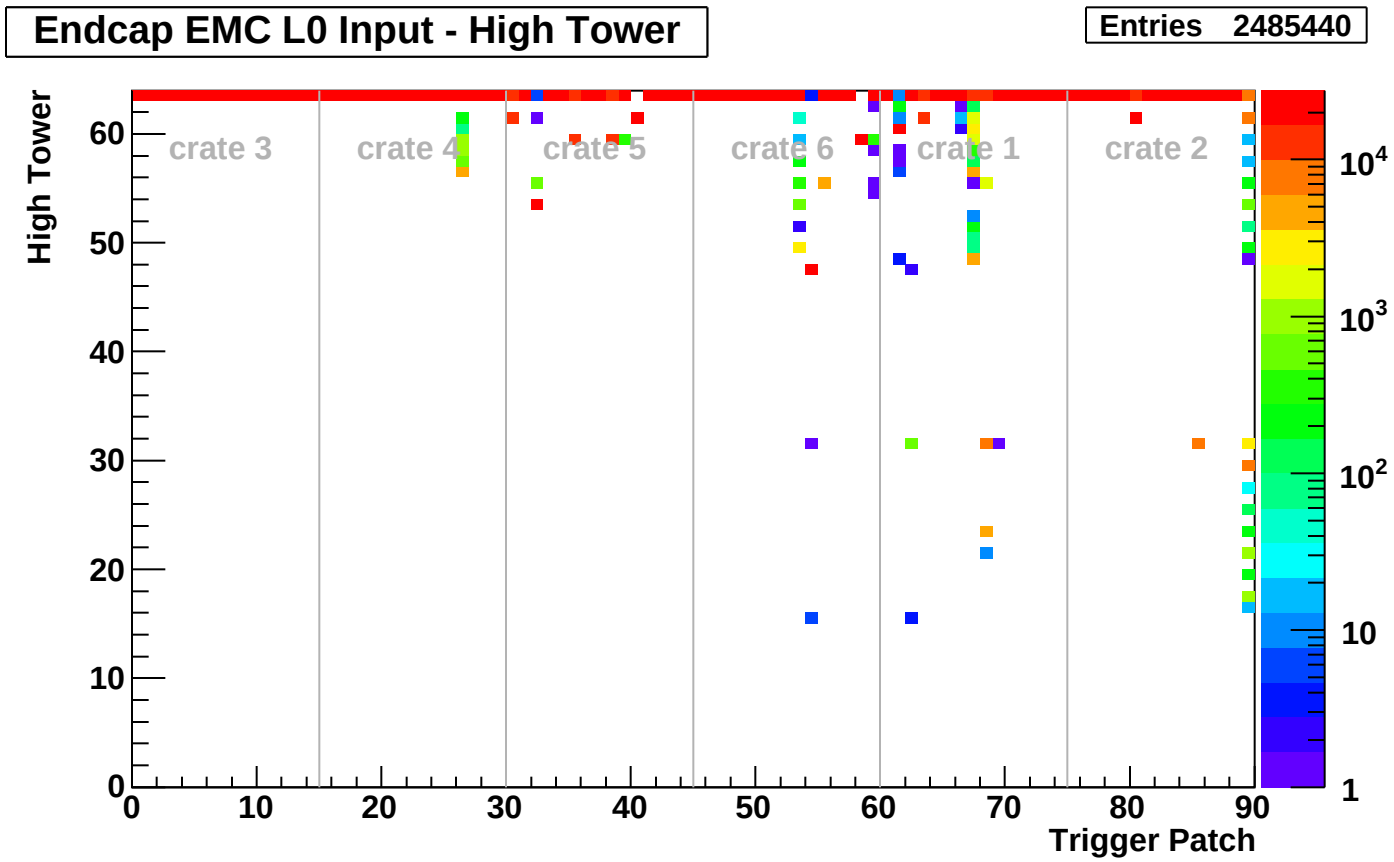

TCU bits
Entries 441856
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

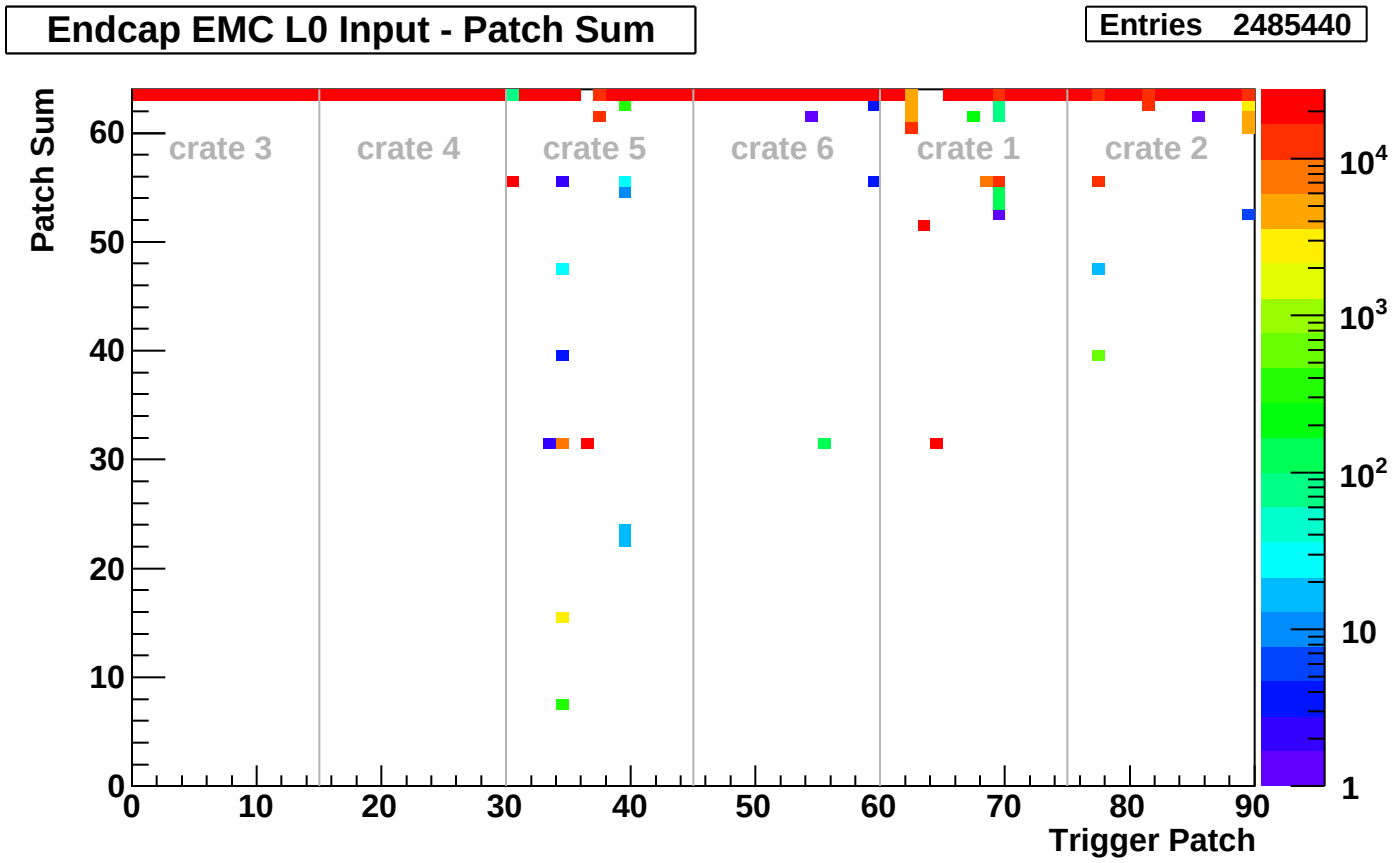

TCU bits
Entries 31846
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

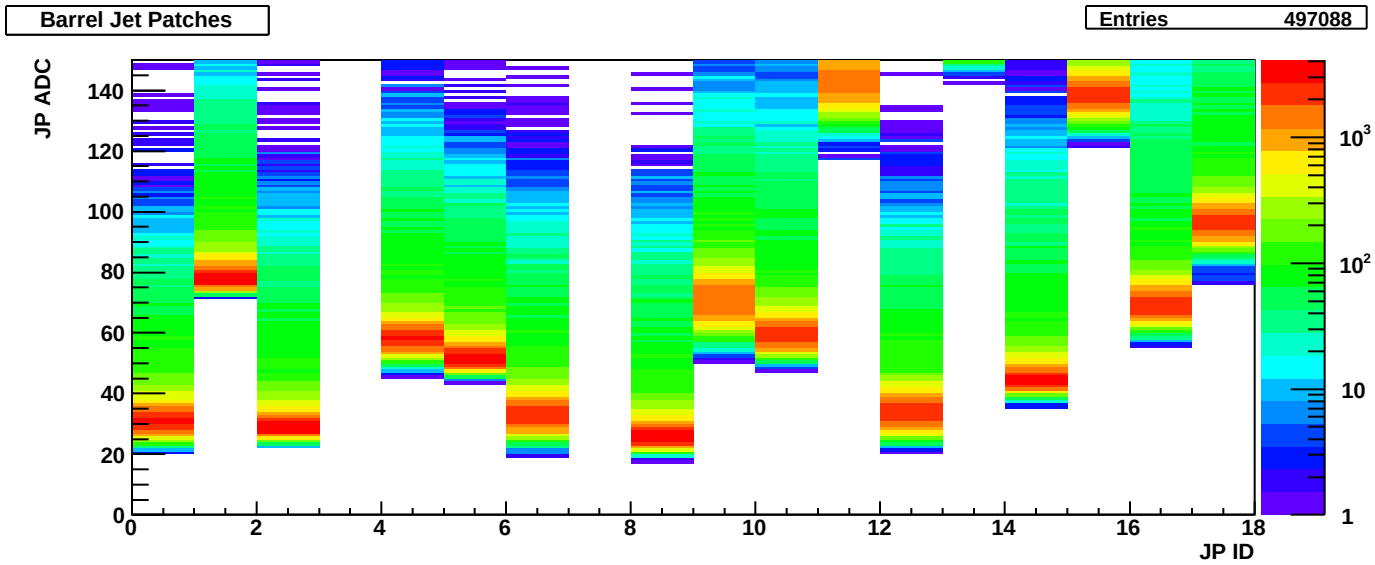

BunchId7Bit (BHT3)
Entries 244

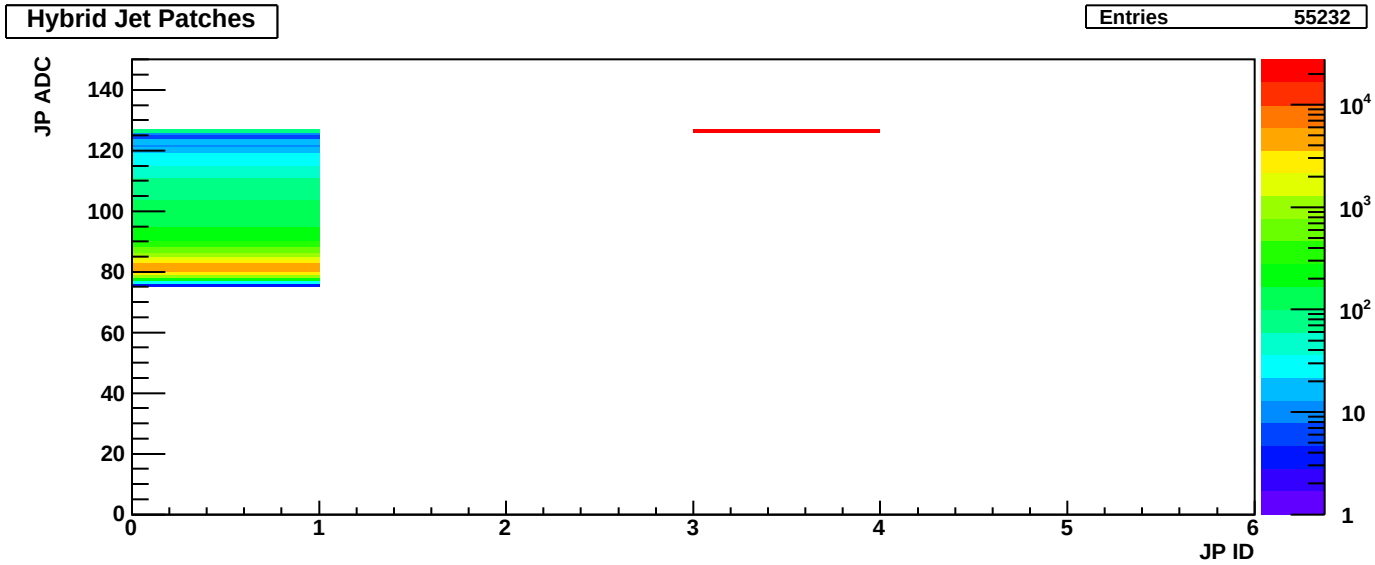

Barrel EMC L0 Input - High Tower
Entries 8284800
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

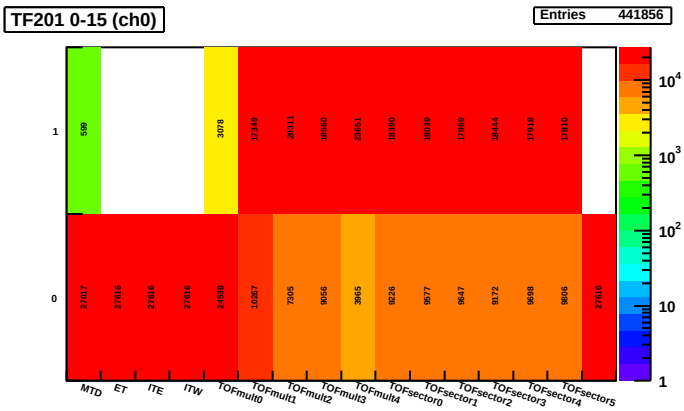

Barrel EMC L0 Input - Patch Sum
Entries 8284800
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

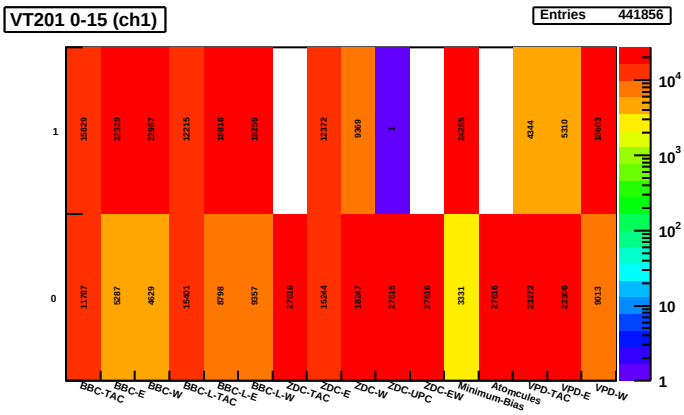

Endcap EMC L0 Input - High Tower
Entries 2485440
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

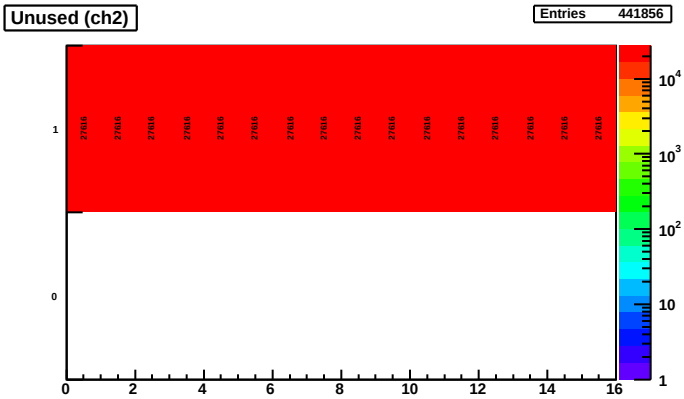

Endcap EMC L0 Input - Patch Sum
Entries 2485440
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

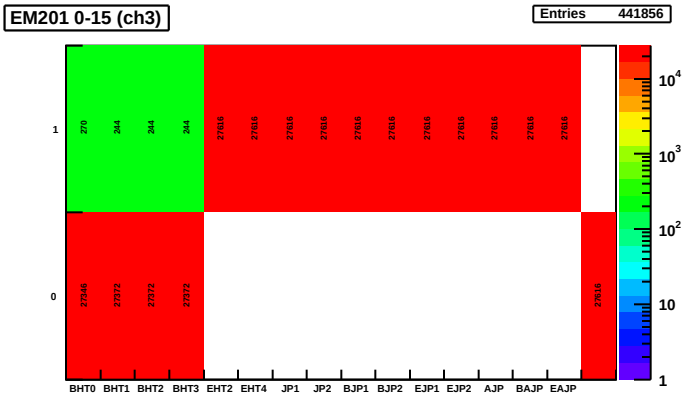

Barrel Jet Patches
Entries 497088
JP ADC
JP ID

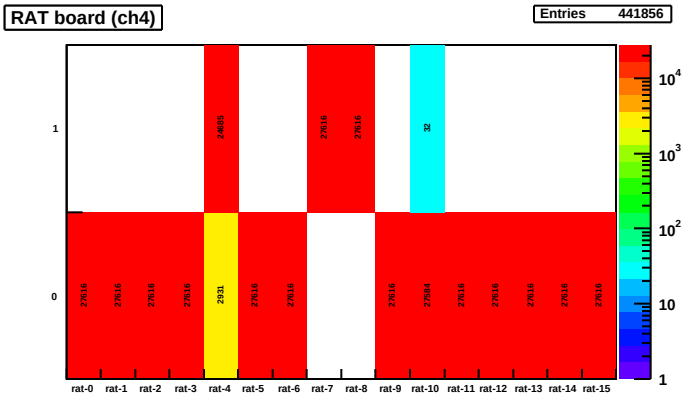

Hybrid Jet Patches
Entries 55232
JP ADC
JP ID

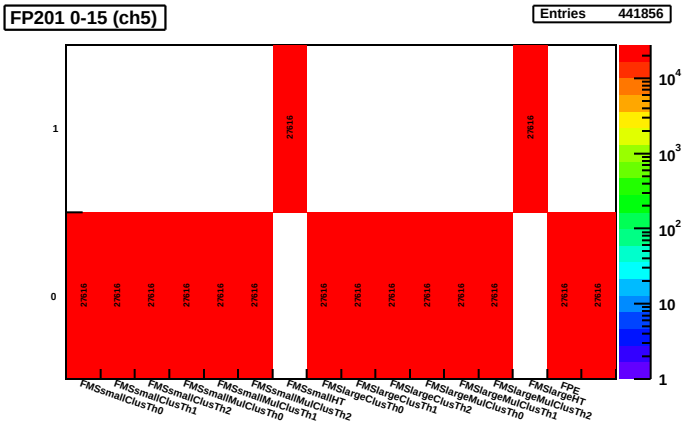

TF201 0-15 (ch0)
Entries 441856
MTD
ET
ITE
ITW
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5

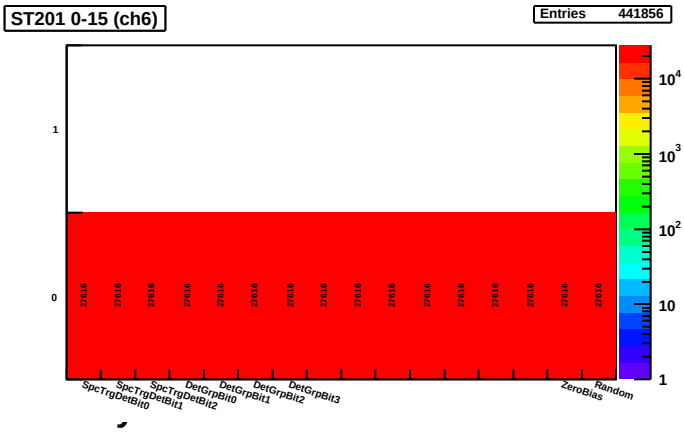

VT201 0-15 (ch1)
Entries 441856
BBC-TAC
BBC-E
BBC-W
BBC-L-TAC
BBC-L-E
BBC-L-W
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
Minimum-Bias
Atomcules
VPD-TAC
VPD-E
VPD-W

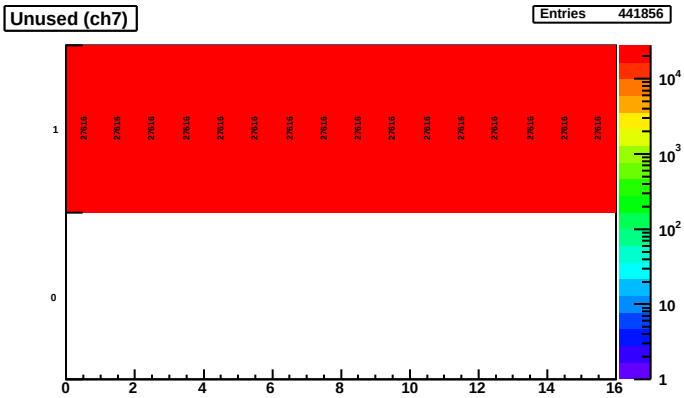

Unused (ch2)
Entries 441856

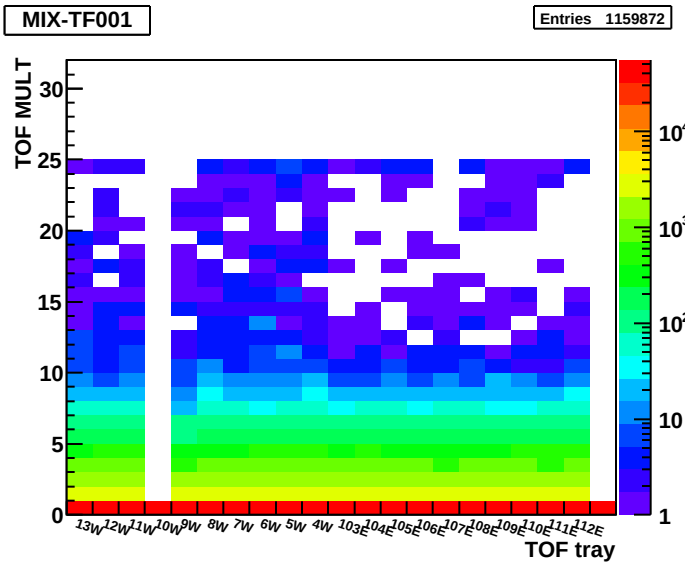

EM201 0-15 (ch3)
Entries 441856
BHT0
BHT1
BHT2
BHT3
EHT2
EHT4
JP1
JP2
BJP1
BJP2
EJP1
EJP2
AJP
BAJP
EAJP

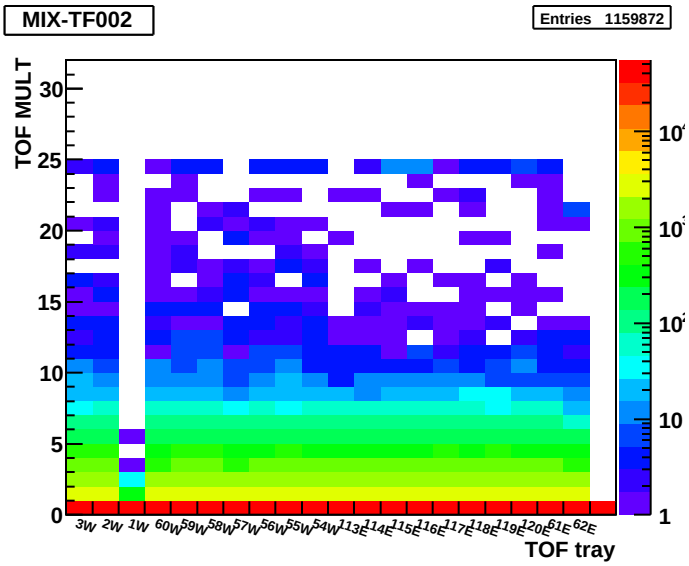

RAT board (ch4)
Entries 441856
rat-0
rat-1
rat-2
rat-3
rat-4
rat-5
rat-6
rat-7
rat-8
rat-9
rat-10
rat-11
rat-12
rat-13
rat-14
rat-15

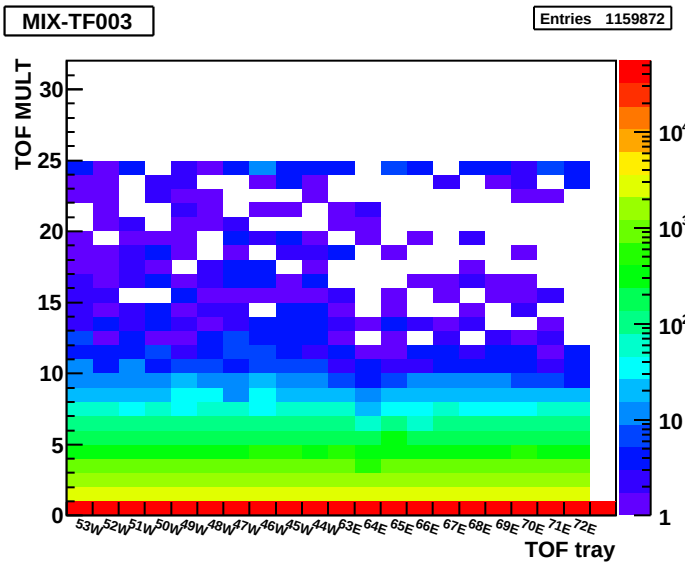

FP201 0-15 (ch5)
Entries 441856
FMSsmallClusTh0
FMSsmallClusTh1
FMSsmallClusTh2
FMSsmallMulClusTh0
FMSsmallMulClusTh1
FMSsmallMulClusTh2
FMSsmallHT
FMSlargeClusTh0
FMSlargeClusTh1
FMSlargeClusTh2
FMSlargeMulClusTh0
FMSlargeMulClusTh1
FMSlargeMulClusTh2
FMSlargeHT
FPE

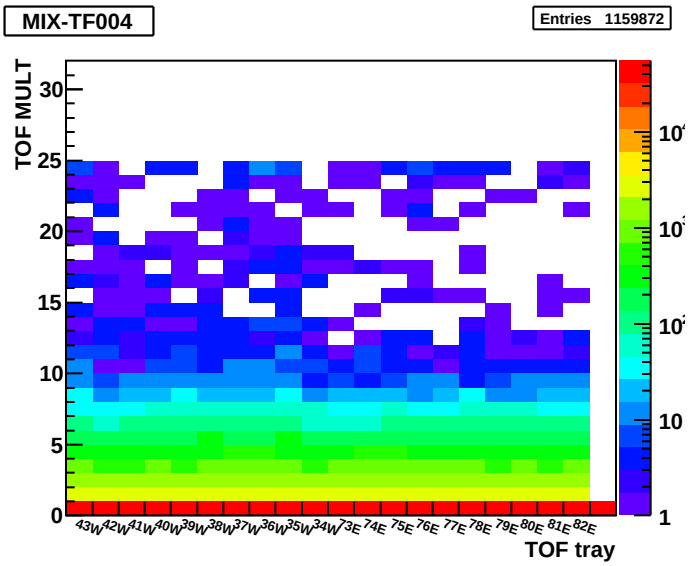

ST201 0-15 (ch6)
Entries 441856
SpcTrgDetBit0
SpcTrgDetBit1
SpcTrgDetBit2
DetCrpBit0
DetCrpBit1
DetCrpBit2
DetCrpBit3
ZeroBias
Random

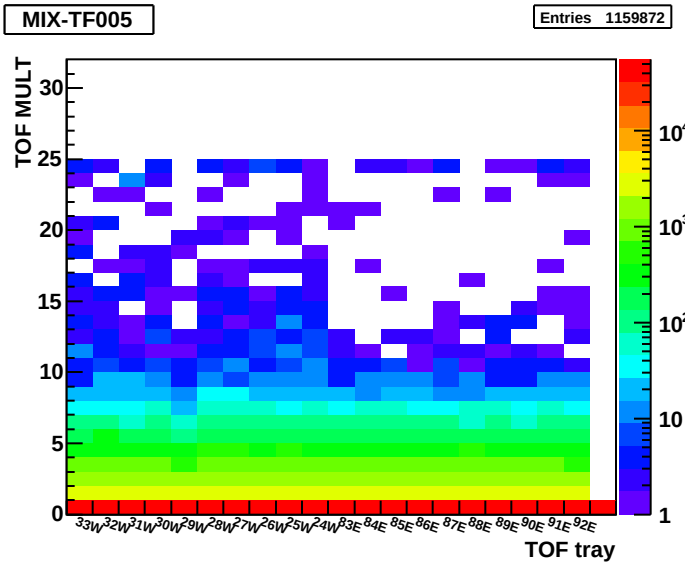

Unused (ch7)
Entries 441856

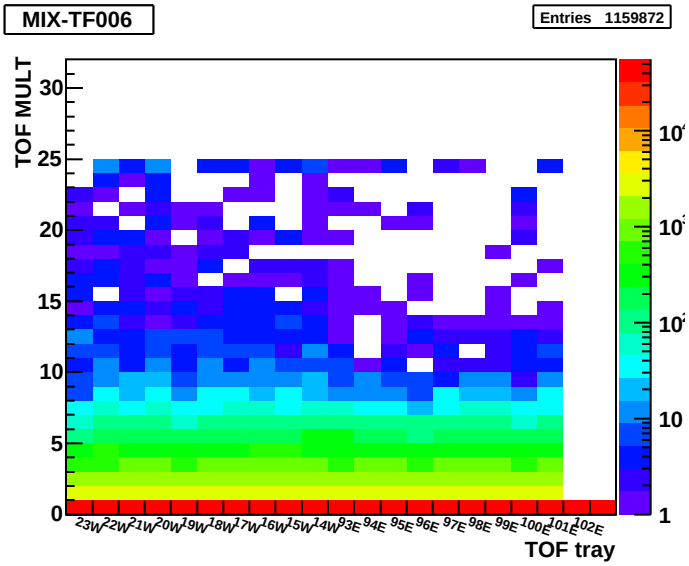

MIX-TF001
Entries 1159872
TOF MULT
TOF tray

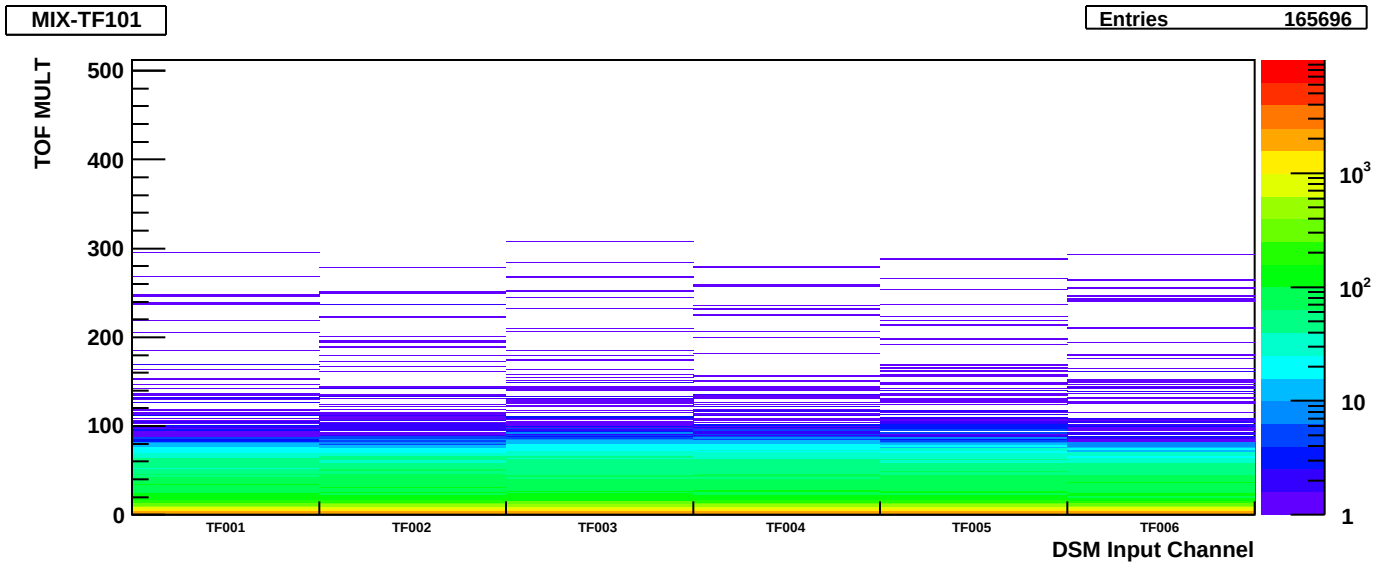

MIX-TF002
Entries 1159872
TOF MULT
TOF tray

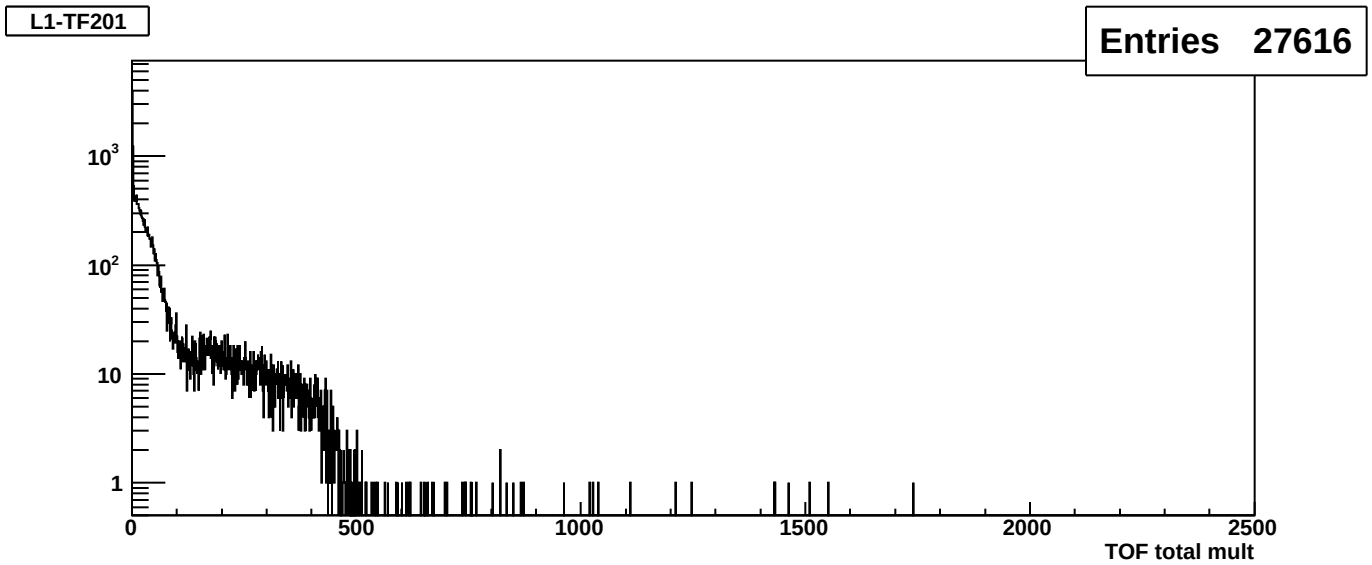

MIX-TF003
Entries 1159872
TOF MULT
TOF tray

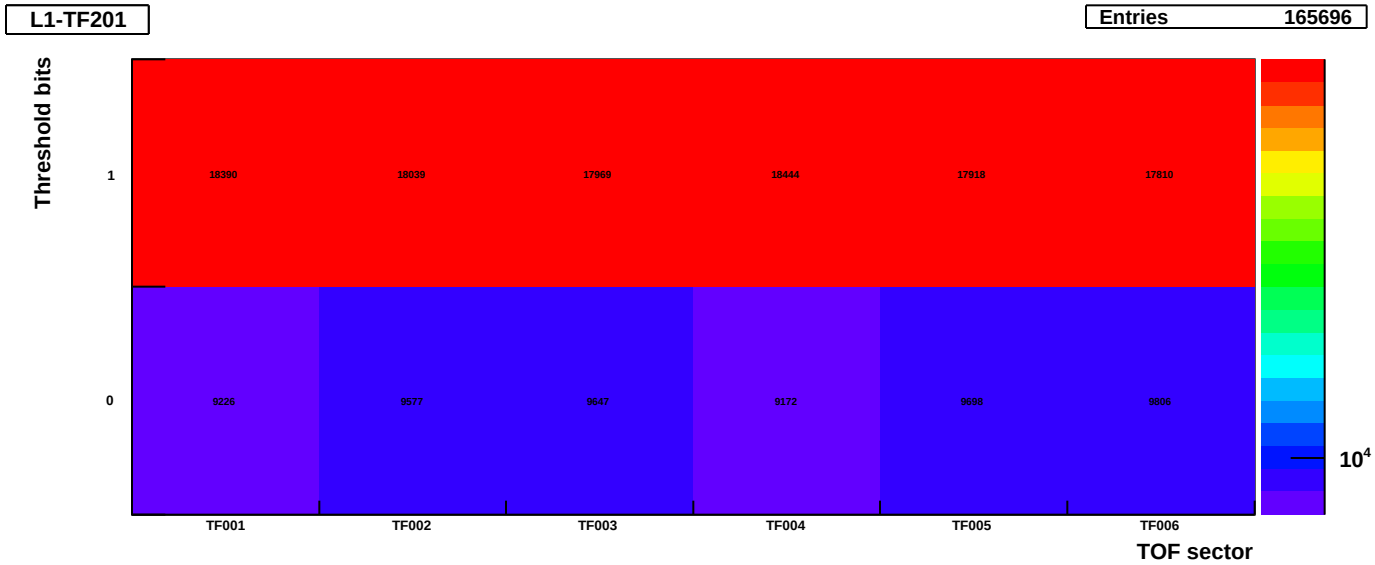

MIX-TF004
Entries 1159872
TOF MULT
TOF tray

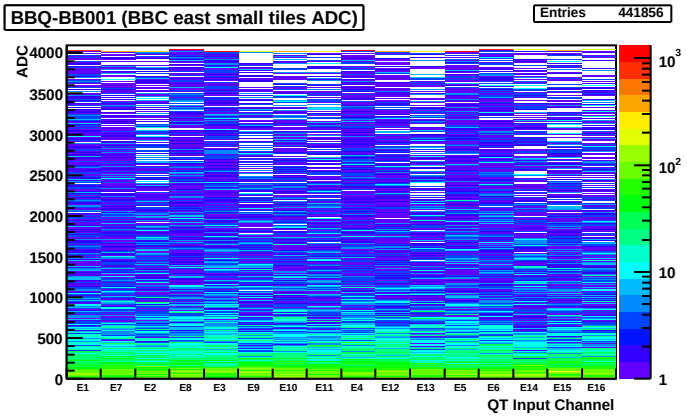

MIX-TF005
Entries 1159872
TOF MULT
TOF tray

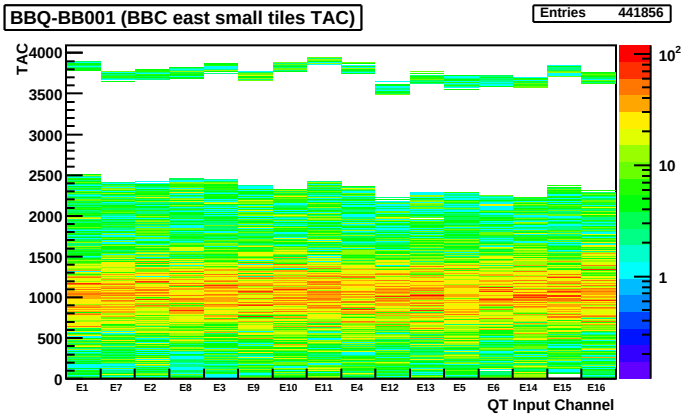

MIX-TF006
Entries 1159872
TOF MULT
TOF tray

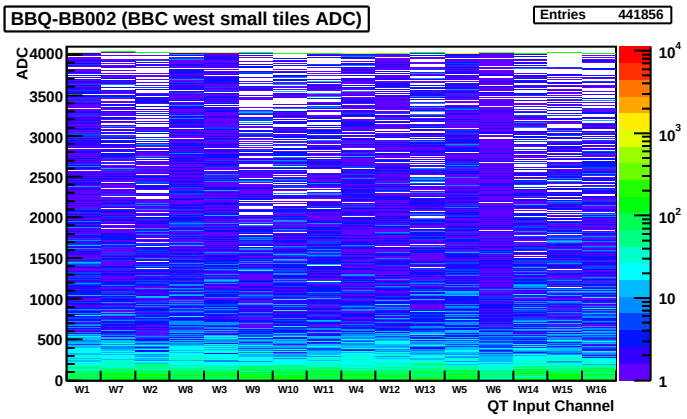

MIX-TF101
Entries 165696
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

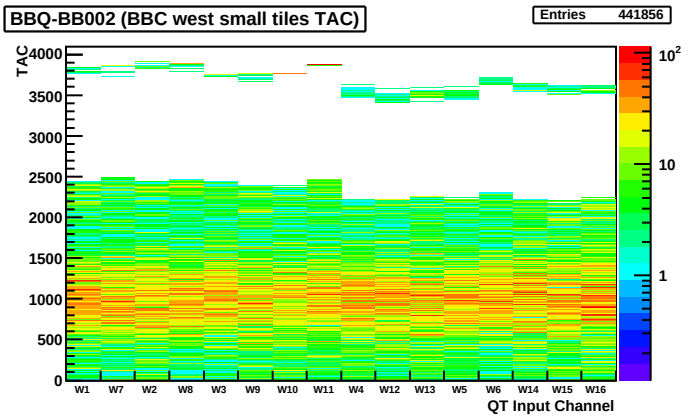

L1-TF201
Entries 27616
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

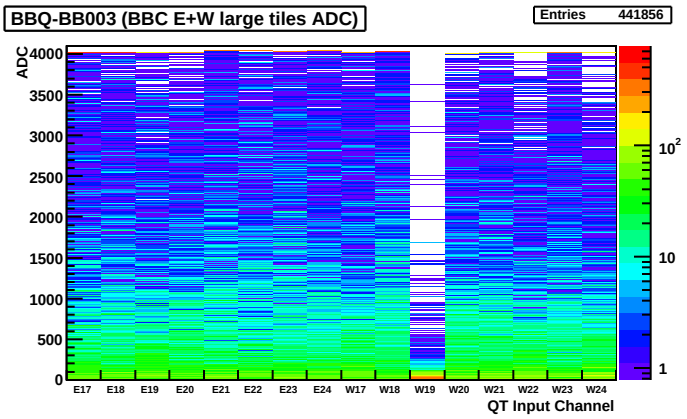

L1-TF201
Entries 165696
Threshold bits
1
0
18390
18039
17969
18444
17918
17810
9226
9577
9647
9172
9698
9806
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

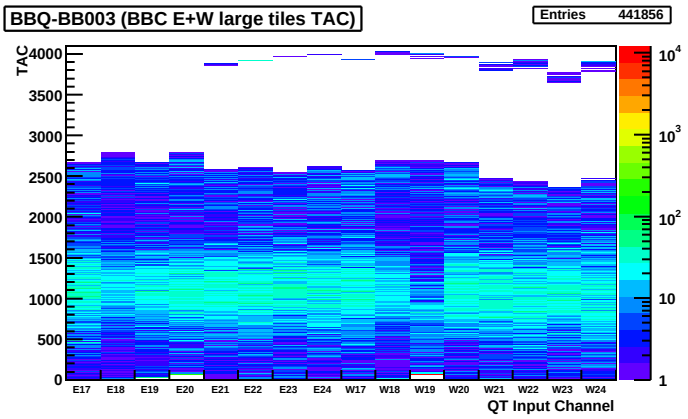

BBQ-BB001 (BBC east small tiles ADC)
Entries 441856
ADC
QT Input Channel

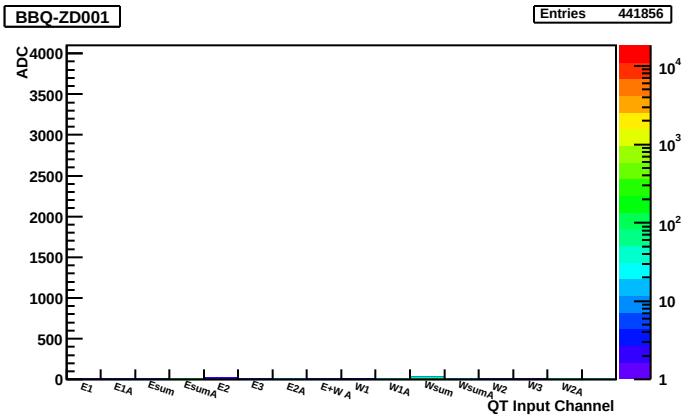

BBQ-BB001 (BBC east small tiles TAC)
Entries 441856
TAC
QT Input Channel

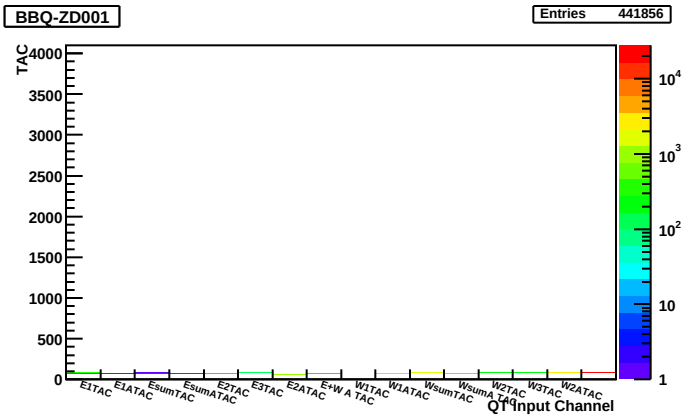

BBQ-BB002 (BBC west small tiles ADC)
Entries 441856
ADC
QT Input Channel

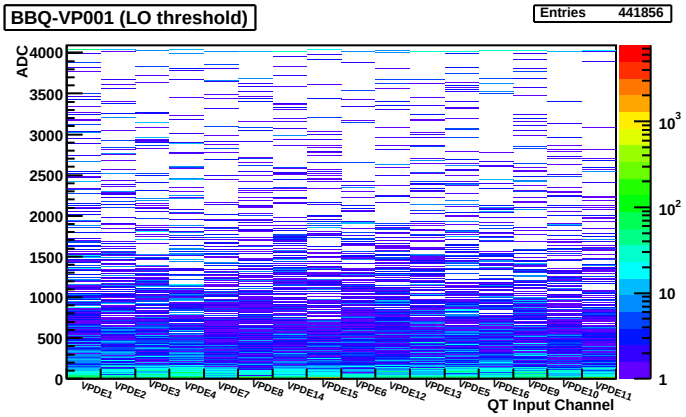

BBQ-BB002 (BBC west small tiles TAC)
Entries 441856
TAC
QT Input Channel

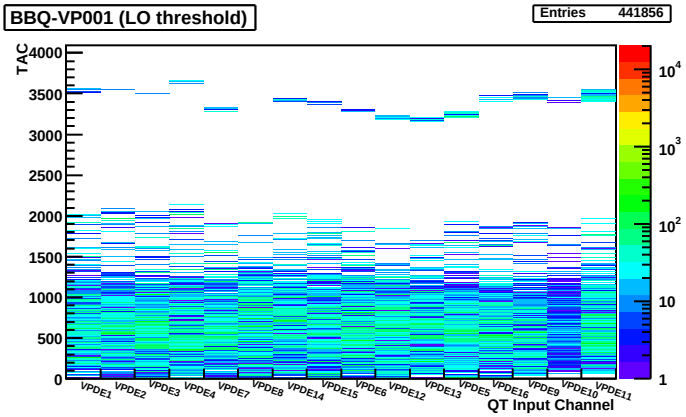

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 441856
ADC
QT Input Channel

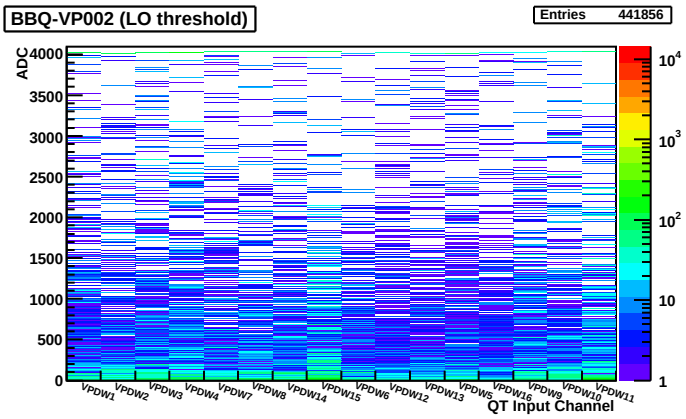

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 441856
TAC
QT Input Channel

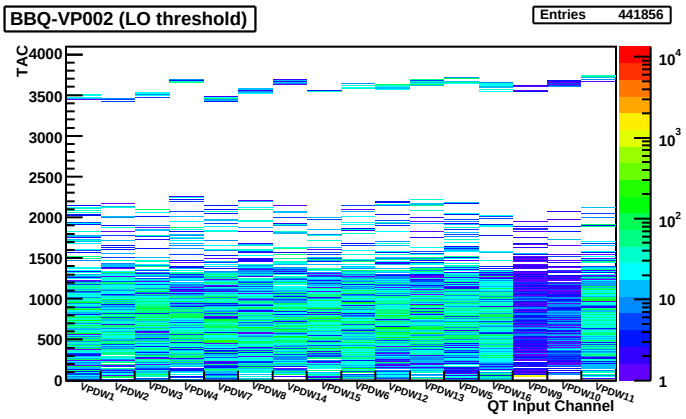

BBQ-ZD001
Entries 441856
ADC
QT Input Channel

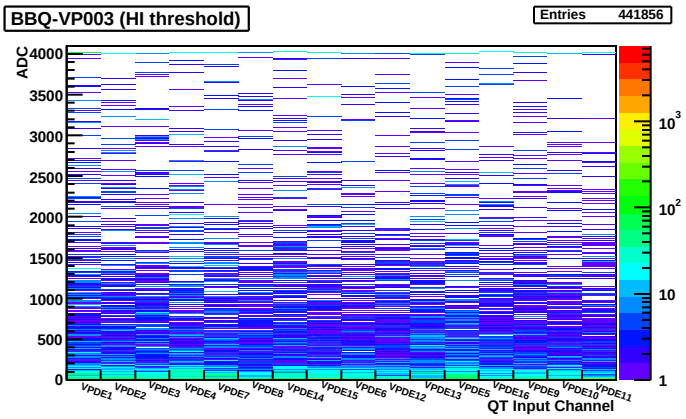

BBQ-ZD001
Entries 441856
TAC
QT Input Channel

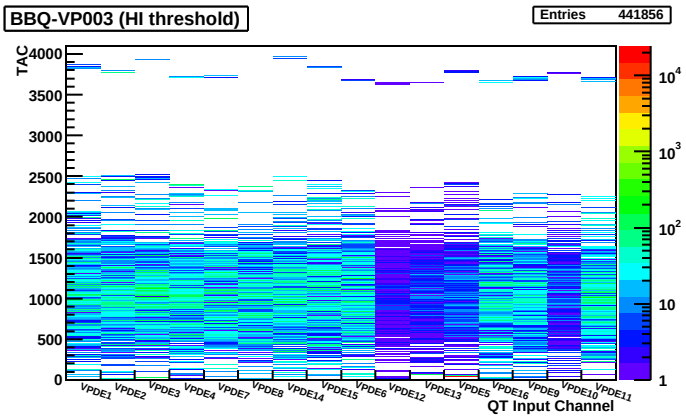

BBQ-VP001 (LO threshold)
Entries 441856
ADC
QT Input Channel

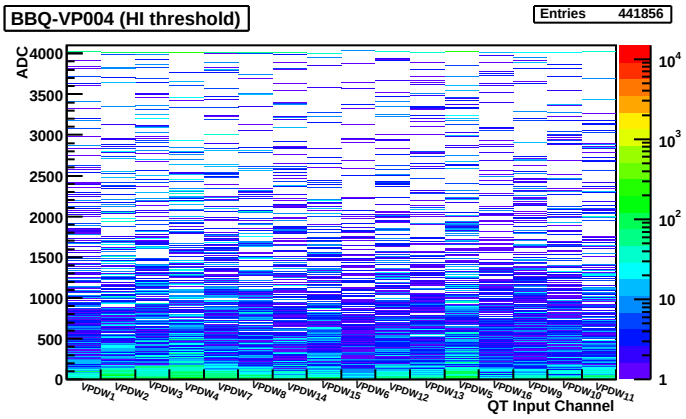

BBQ-VP001 (LO threshold)
Entries 441856
TAC
QT Input Channel

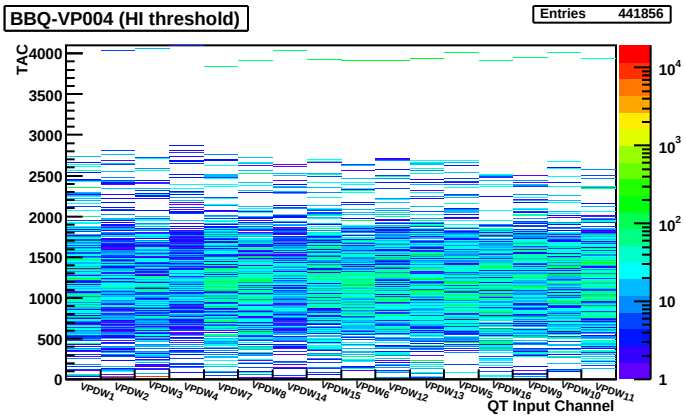

BBQ-VP002 (LO threshold)
Entries 441856
ADC
QT Input Channel

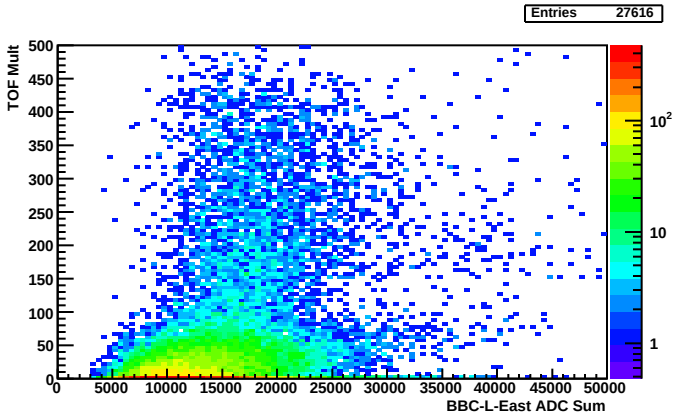

BBQ-VP002 (LO threshold)
Entries 441856
TAC
QT Input Channel

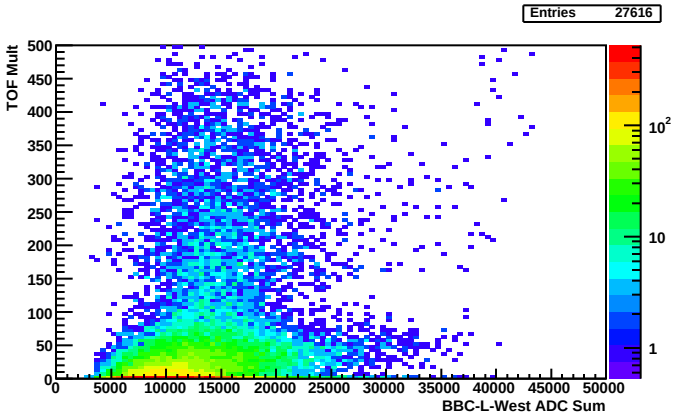

BBQ-VP003 (HI threshold)
Entries 441856
ADC
QT Input Channel

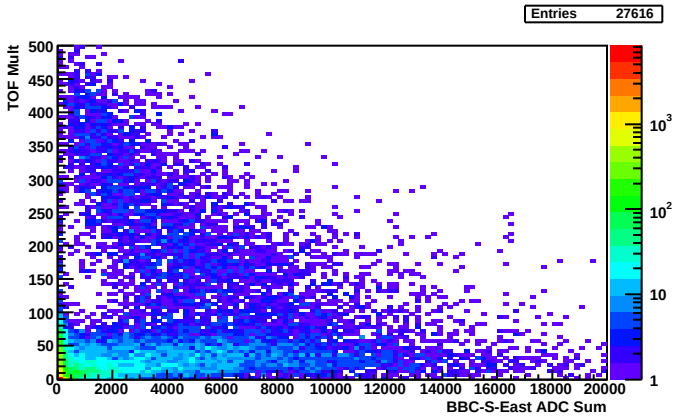

BBQ-VP003 (HI threshold)
Entries 441856
TAC
QT Input Channel

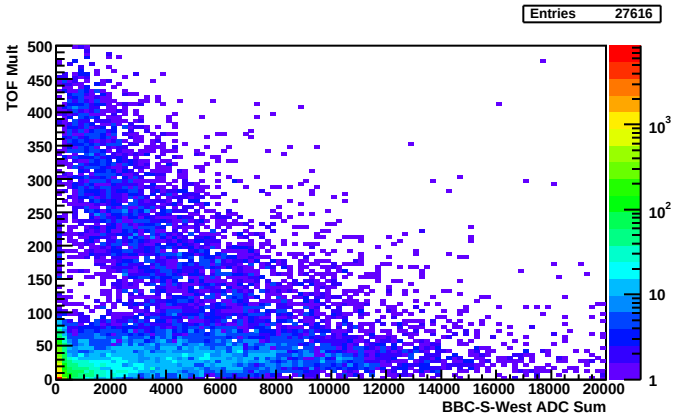

BBQ-VP004 (HI threshold)
Entries 441856
ADC
QT Input Channel

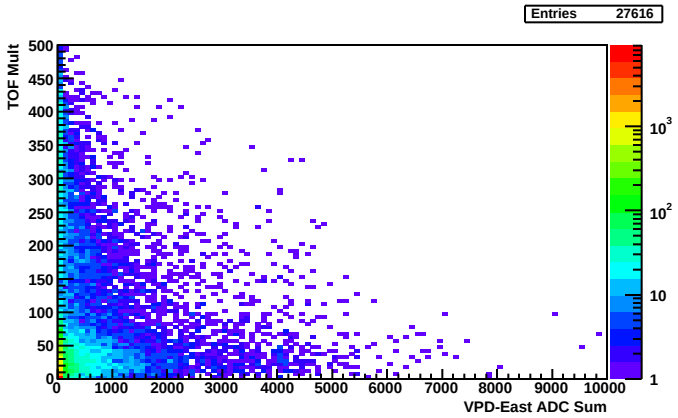

BBQ-VP004 (HI threshold)
Entries 441856
TAC
QT Input Channel

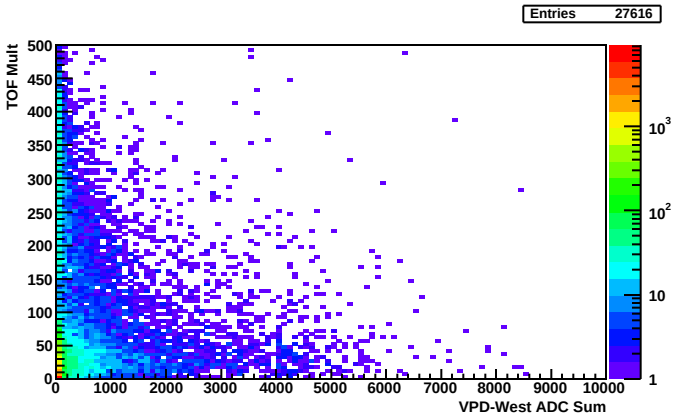

Entries 27616
TOF Mult
BBC-L-East ADC Sum

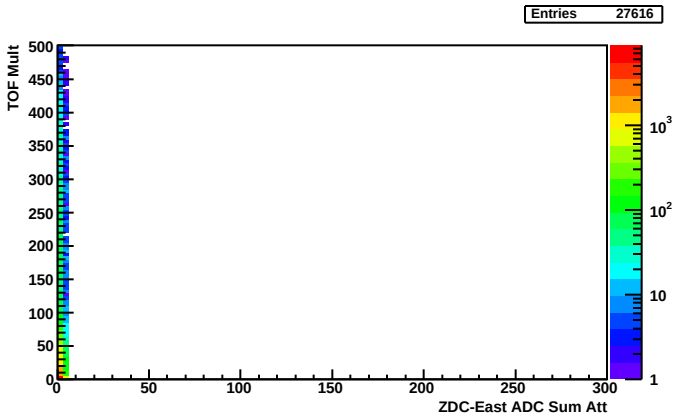

Entries 27616
TOF Mult
BBC-L-West ADC Sum

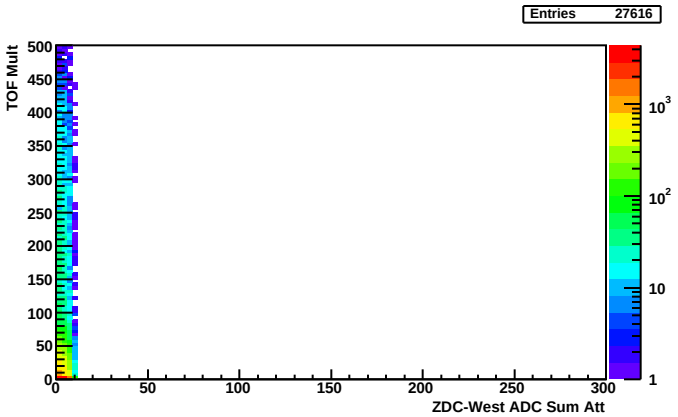

Entries 27616
TOF Mult
BBC-S-East ADC Sum

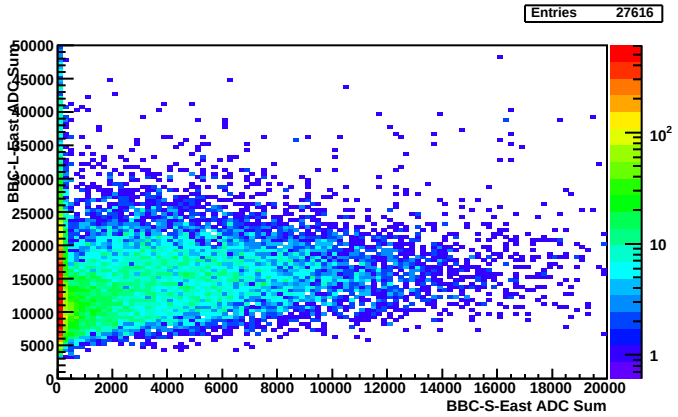

Entries 27616
TOF Mult
BBC-S-West ADC Sum

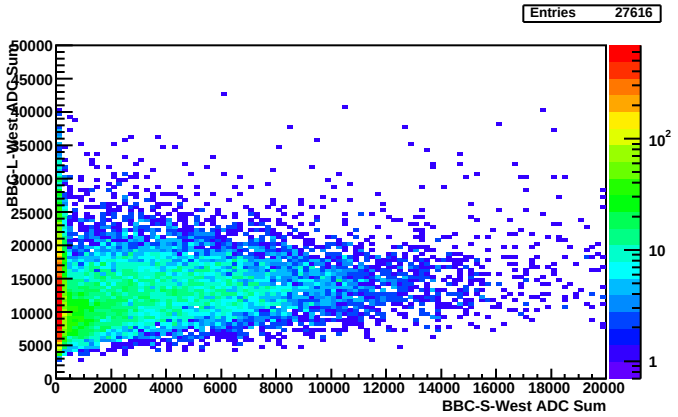

Entries 27616
TOF Mult
VPD-East ADC Sum

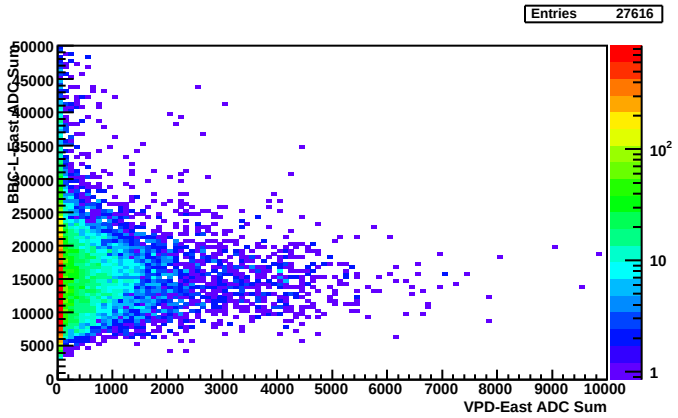

Entries 27616
TOF Mult
VPD-West ADC Sum

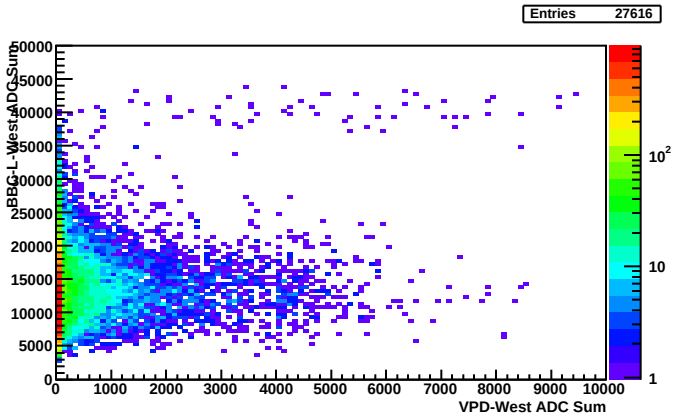

Entries 27616
TOF Mult
ZDC-East ADC Sum Att

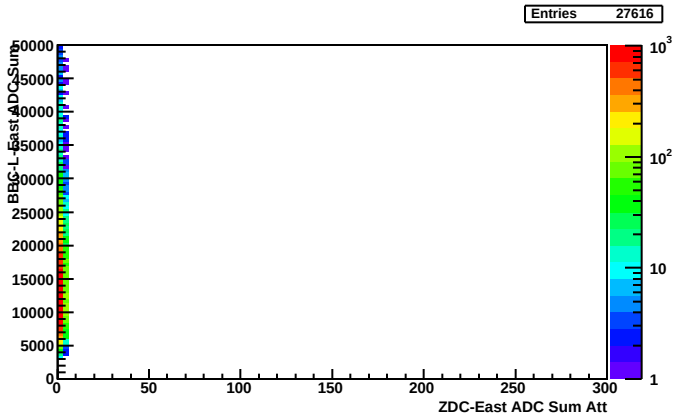

Entries 27616
TOF Mult
ZDC-West ADC Sum Att

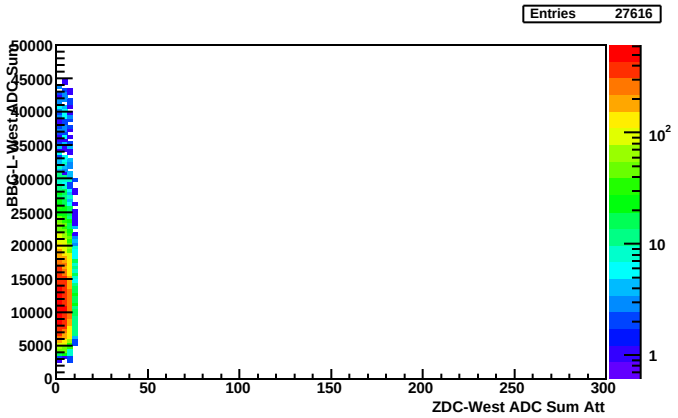

Entries 27616
BBC-L-East ADC Sum
BBC-S-East ADC Sum

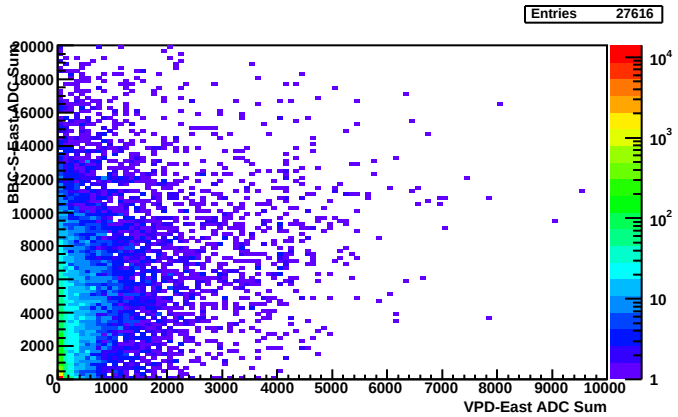

Entries 27616
BBC-L-West ADC Sum
BBC-S-West ADC Sum

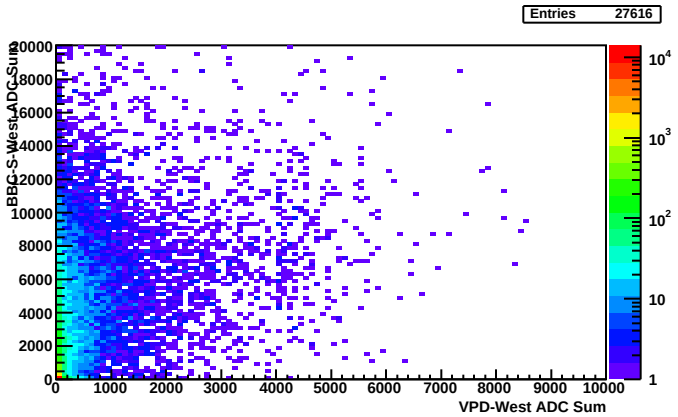

Entries 27616
BBC-L-East ADC Sum
VPD-East ADC Sum

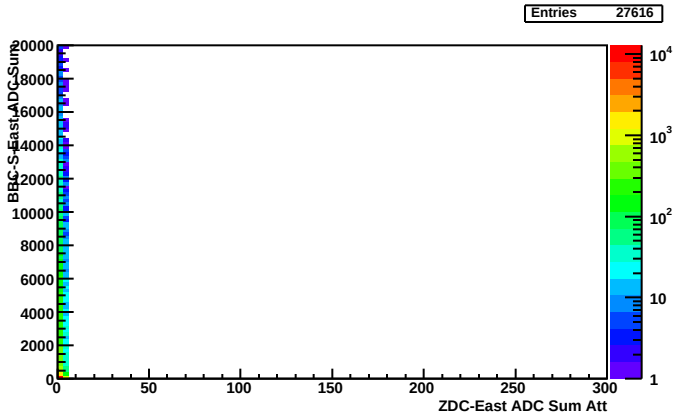

Entries 27616
BBC-L-West ADC Sum
VPD-West ADC Sum

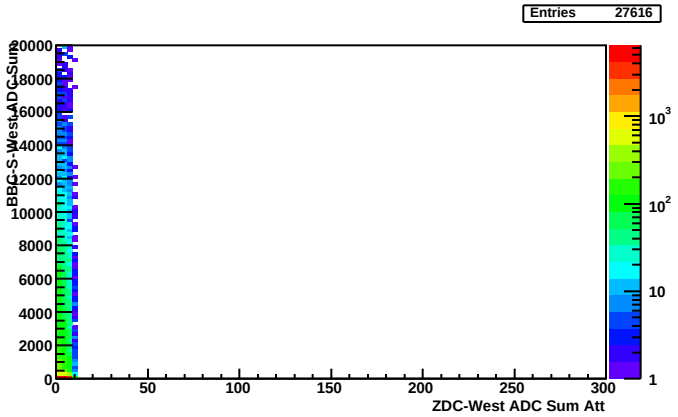

Entries 27616
BBC-L-East ADC Sum
ZDC-East ADC Sum Att

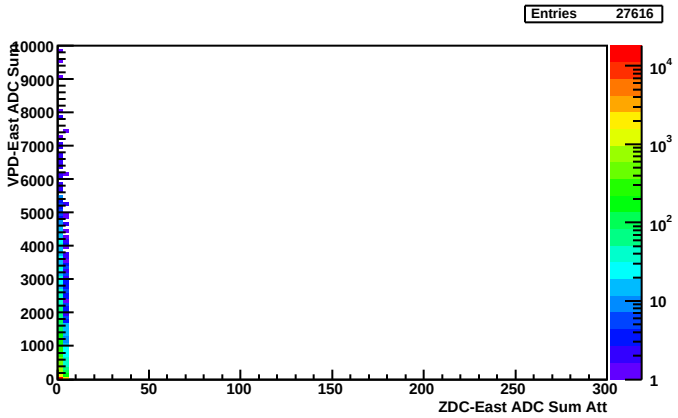

Entries 27616
BBC-L-West ADC Sum
ZDC-West ADC Sum Att

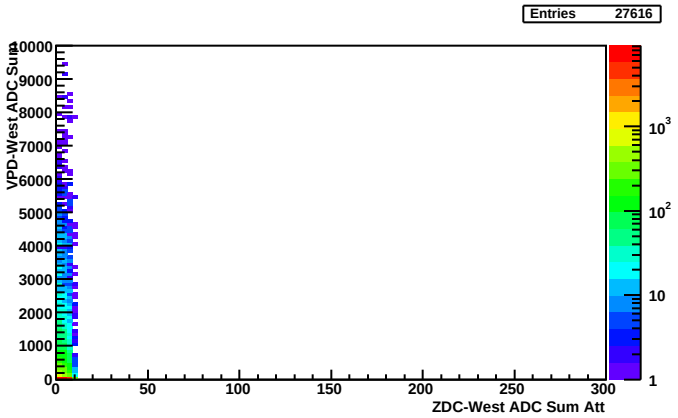

Entries 27616
BBC-S-East ADC Sum
VPD-East ADC Sum

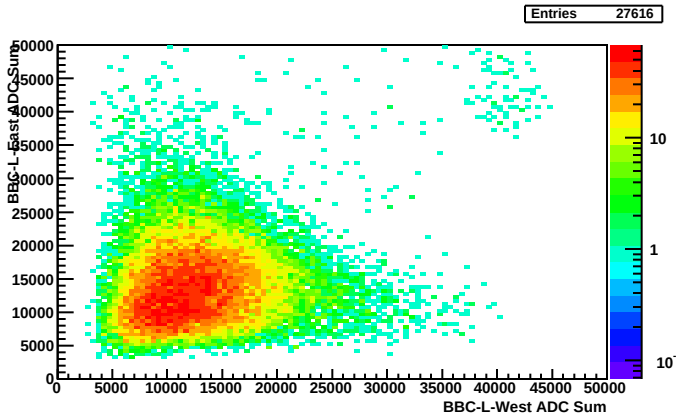

Entries 27616
BBC-S-West ADC Sum
VPD-West ADC Sum

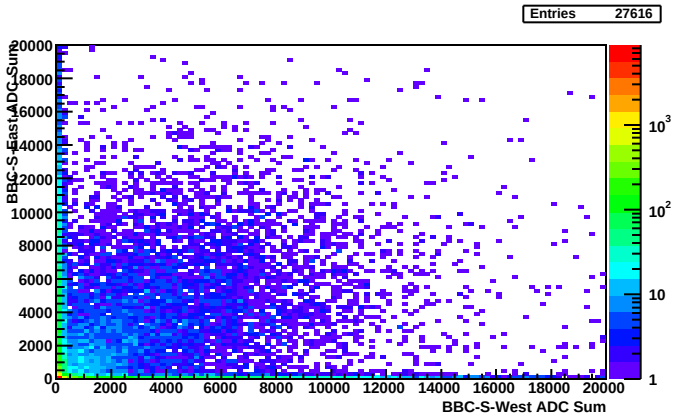

Entries 27616
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

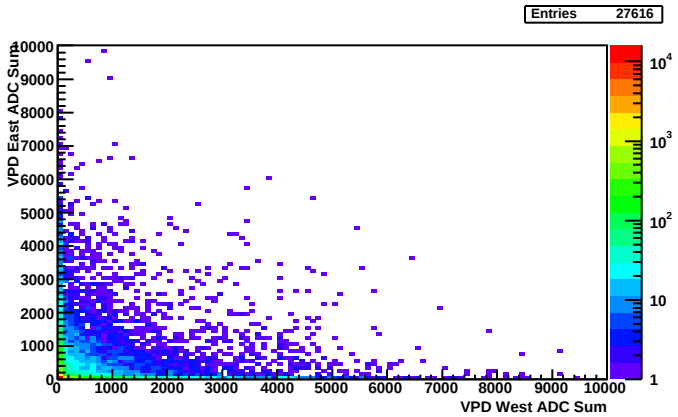

Entries 27616
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

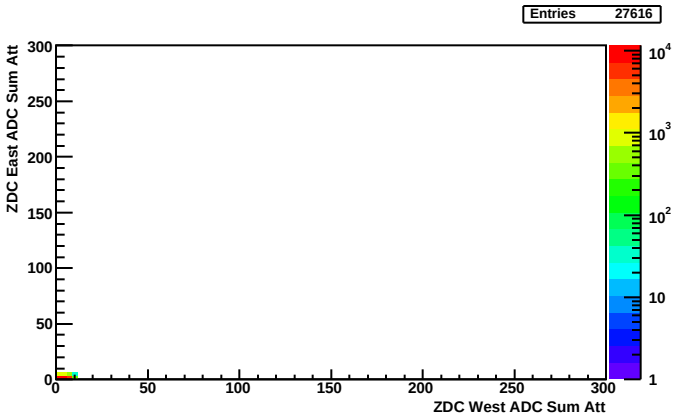

Entries 27616
VPD-East ADC Sum
ZDC-East ADC Sum Att

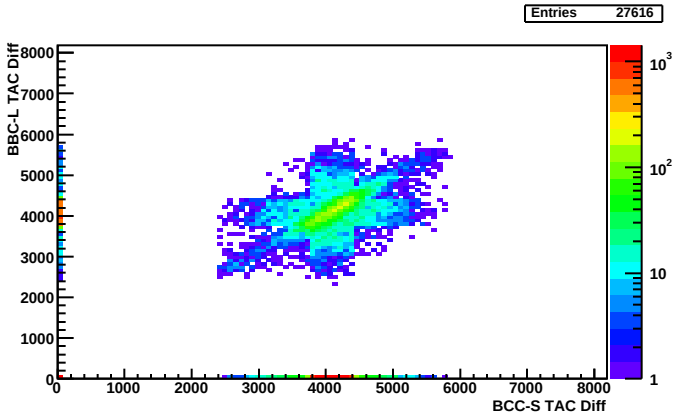

Entries 27616
VPD-West ADC Sum
ZDC-West ADC Sum Att

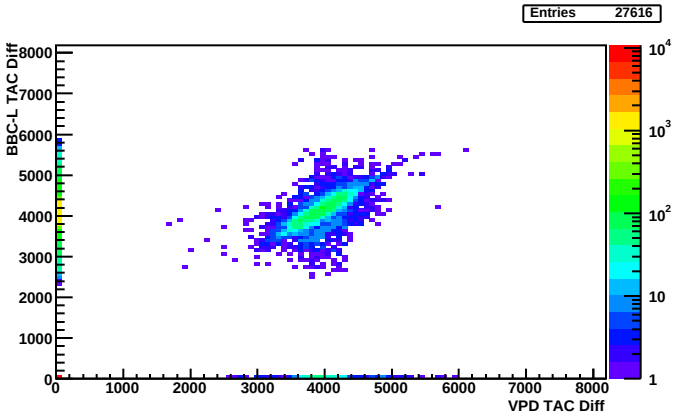

Entries 27616
BBC-L-East ADC Sum
BBC-L-West ADC Sum

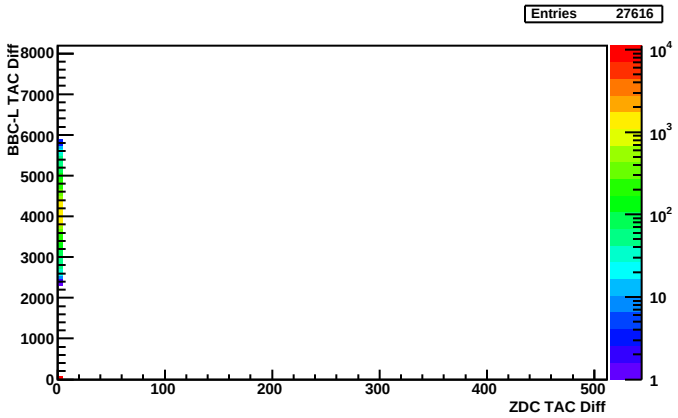

Entries 27616
BBC-S-East ADC Sum
BBC-S-West ADC Sum

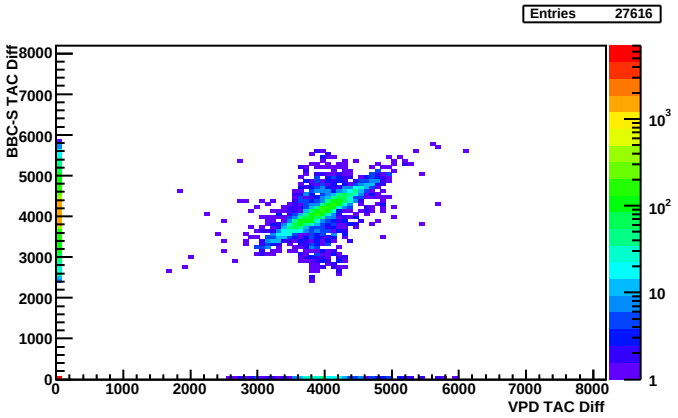

Entries 27616
VPD East ADC Sum
VPD West ADC Sum


Entries 27616
ZDC East ADC Sum Att
ZDC West ADC Sum Att


Entries 27616
BBC-L TAC Diff
BCC-S TAC Diff


Entries 27616
BBC-L TAC Diff
VPD TAC Diff


Entries 27616
BBC-L TAC Diff
ZDC TAC Diff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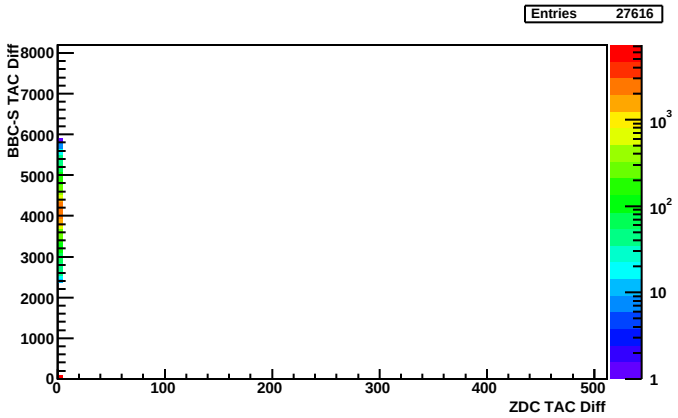
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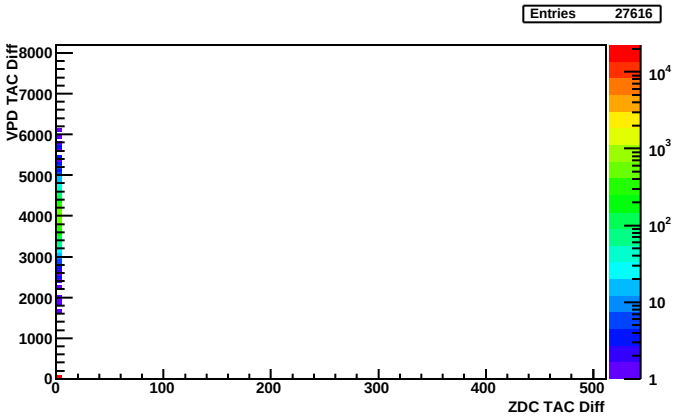
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VPD TAC Diff
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