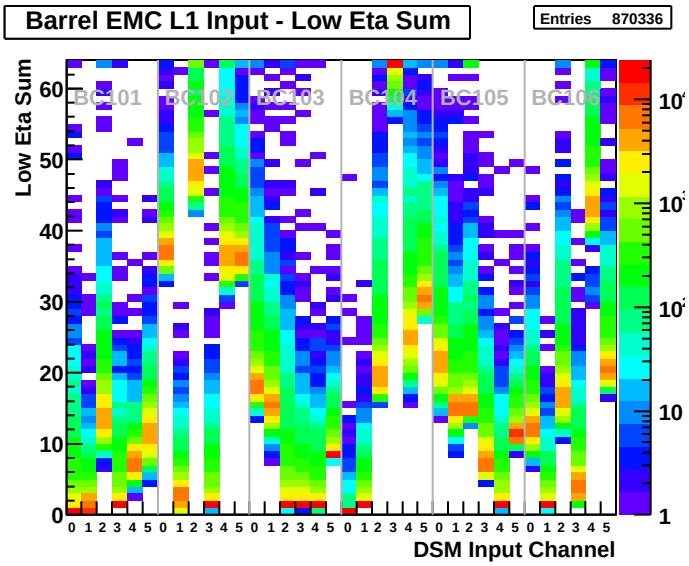
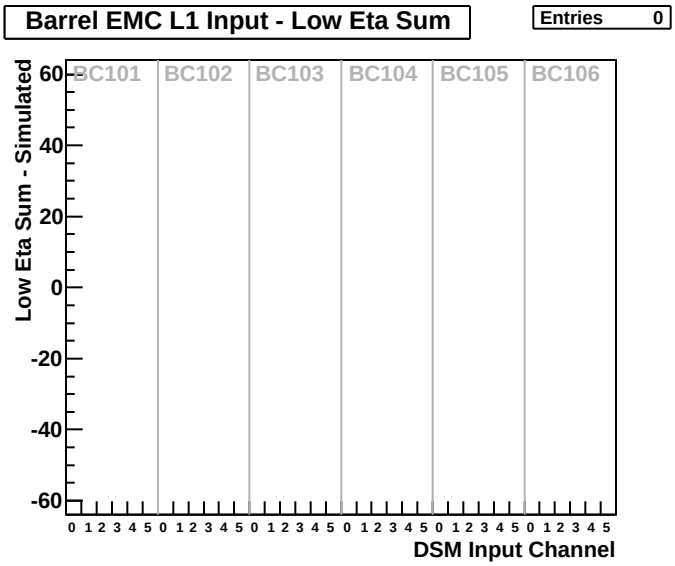
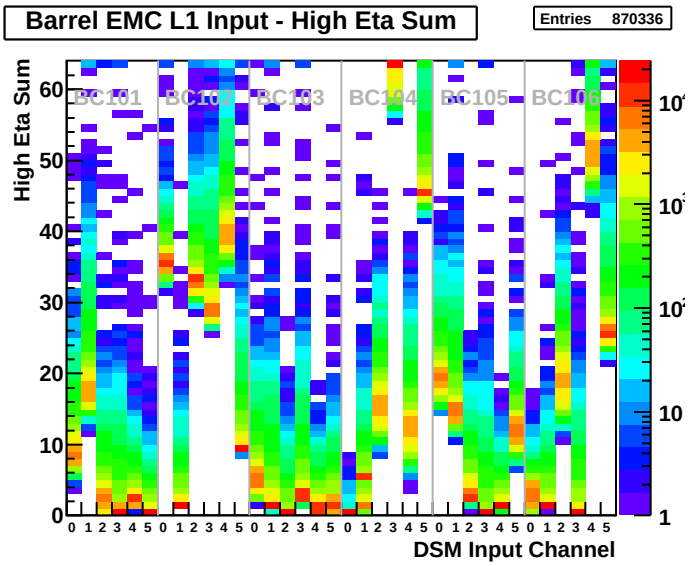
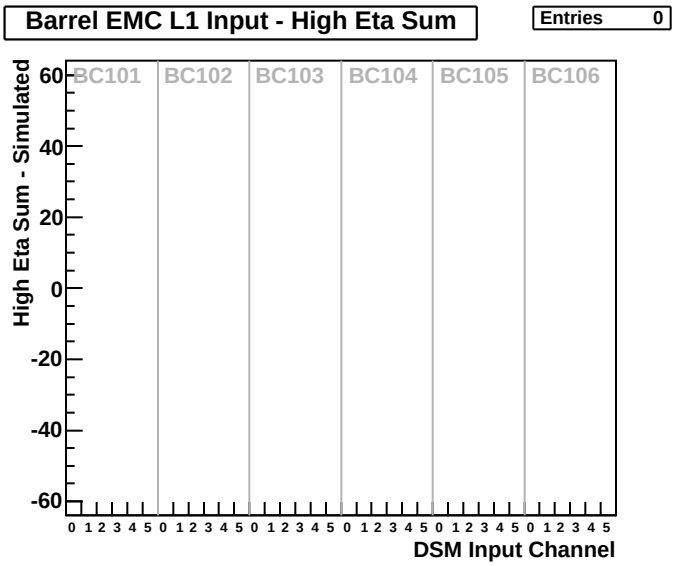
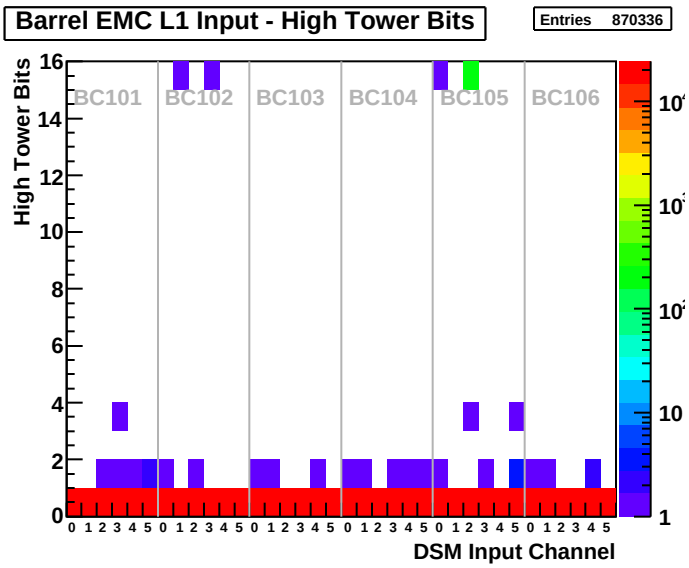
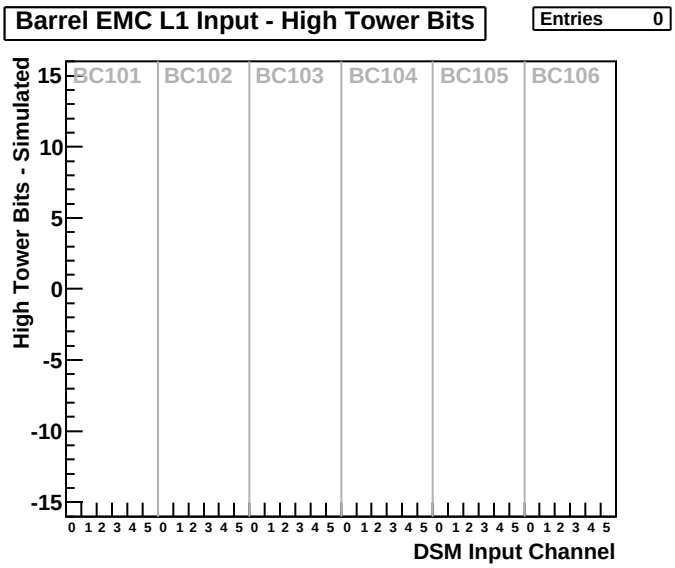

Barrel EMC L1 Input - Low Eta Sum
Entries 870336
Low Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

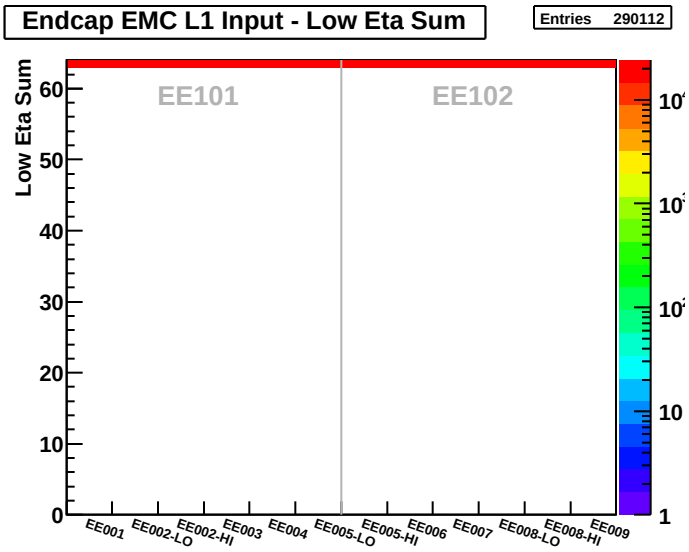

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

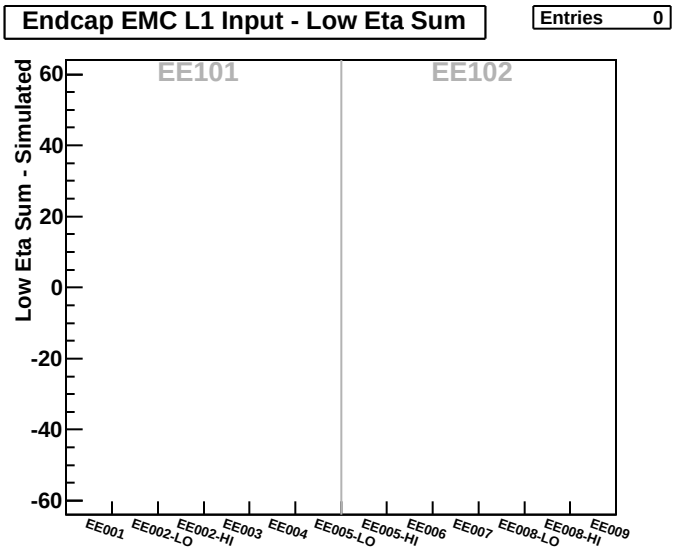

Barrel EMC L1 Input - High Eta Sum
Entries 870336
High Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

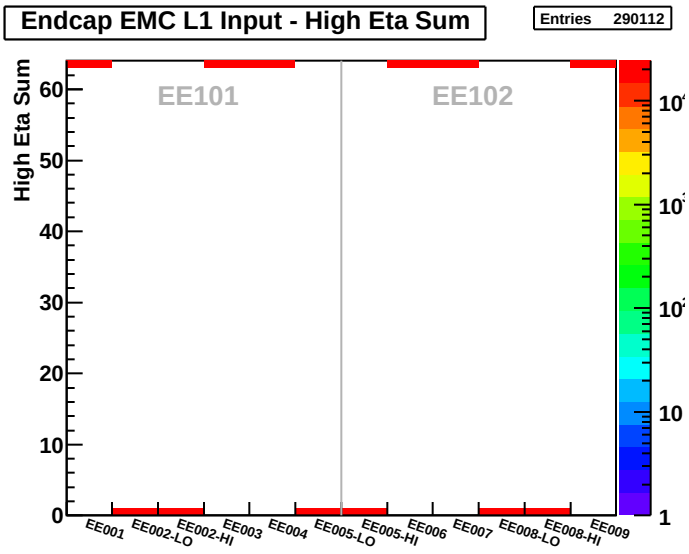

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

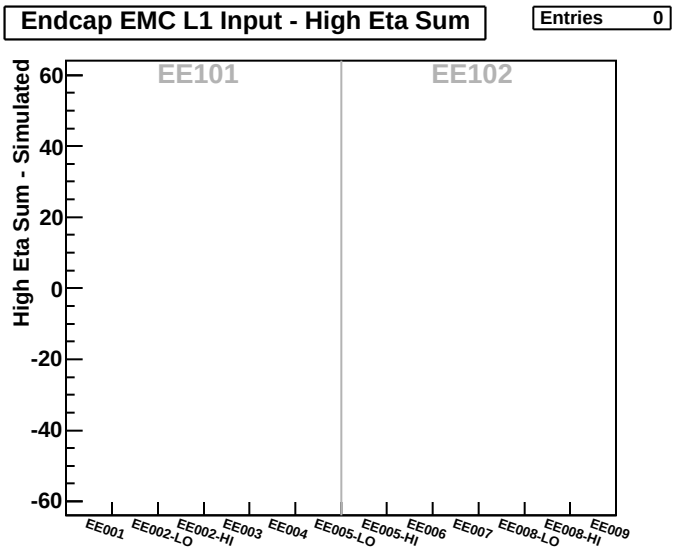

Barrel EMC L1 Input - High Tower Bits
Entries 870336
High Tower Bits
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

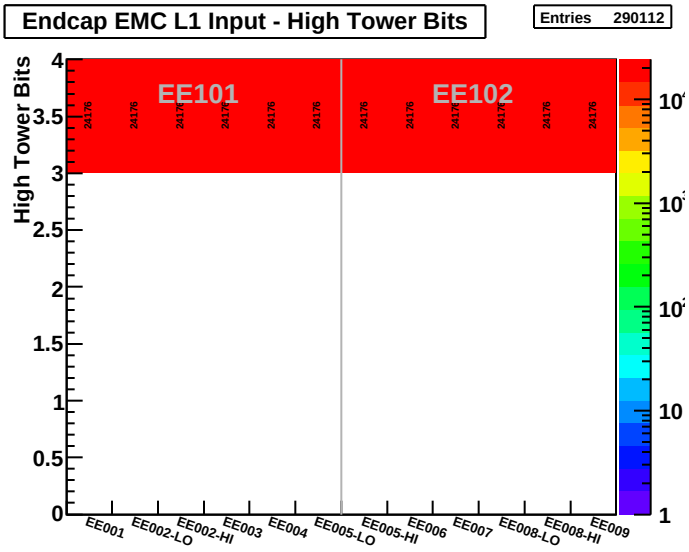

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

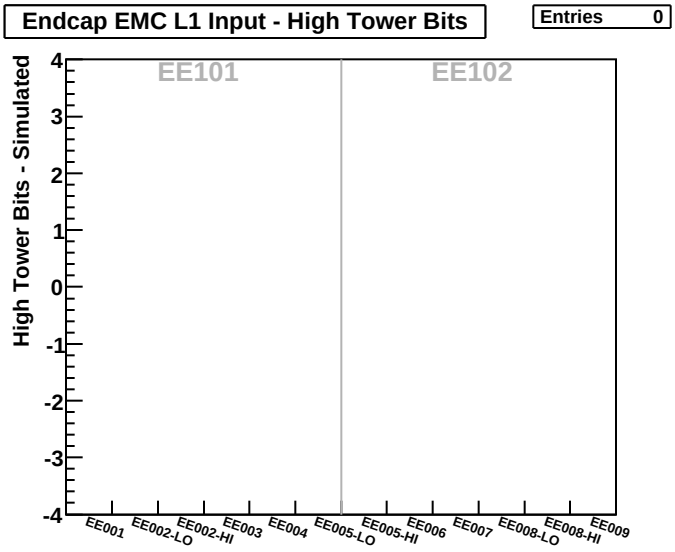

Endcap EMC L1 Input - Low Eta Sum
Entries 290112
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

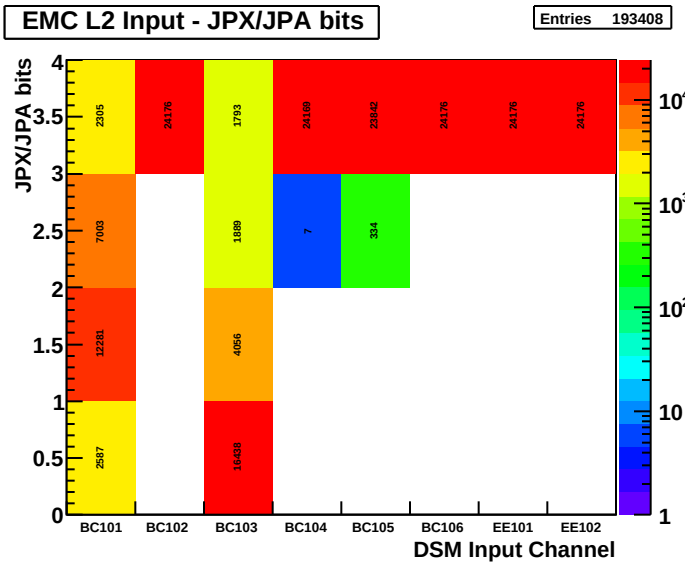

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

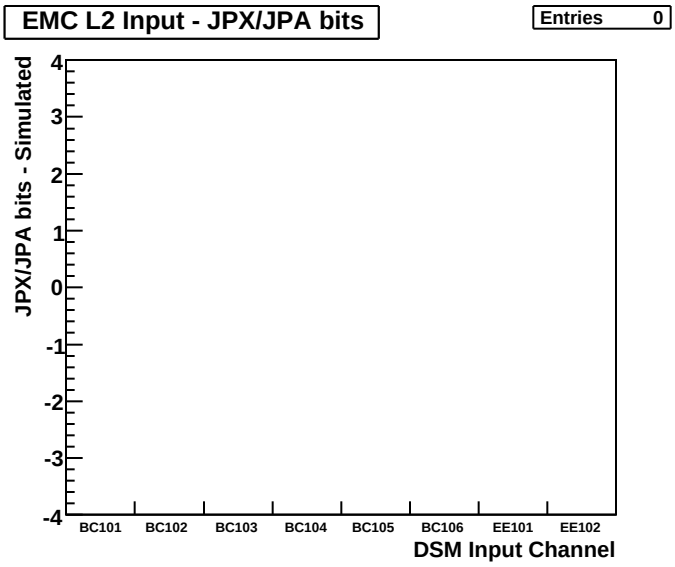

Endcap EMC L1 Input - High Eta Sum
Entries 290112
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

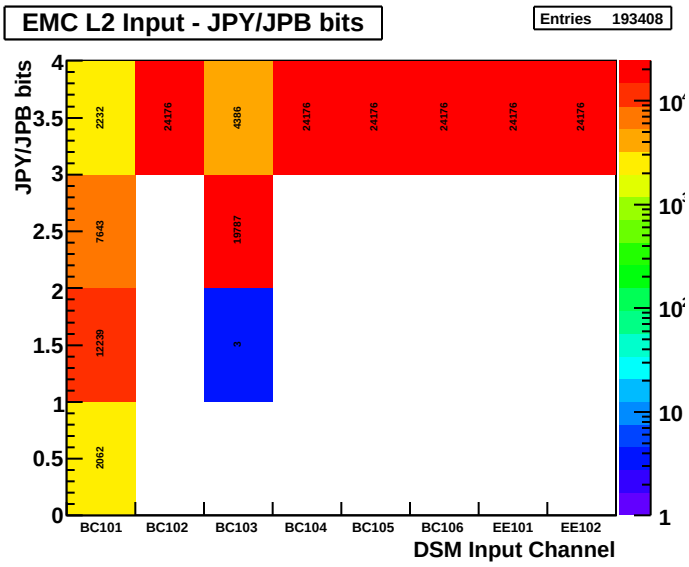

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

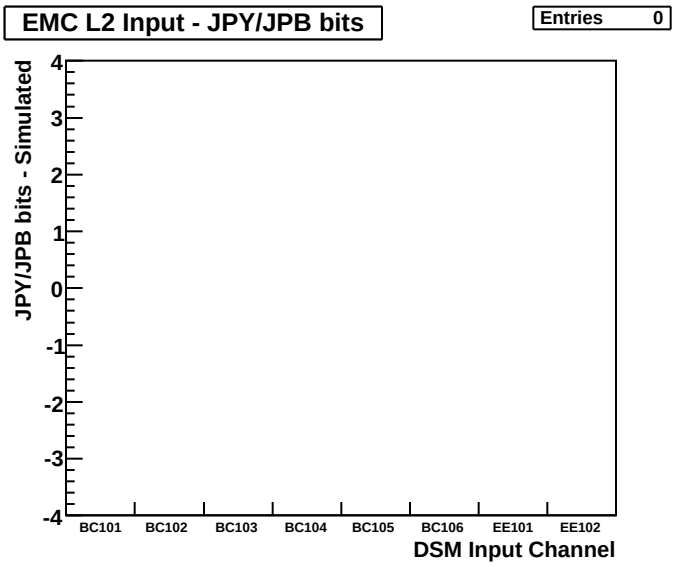

Endcap EMC L1 Input - High Tower Bits
Entries 290112
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

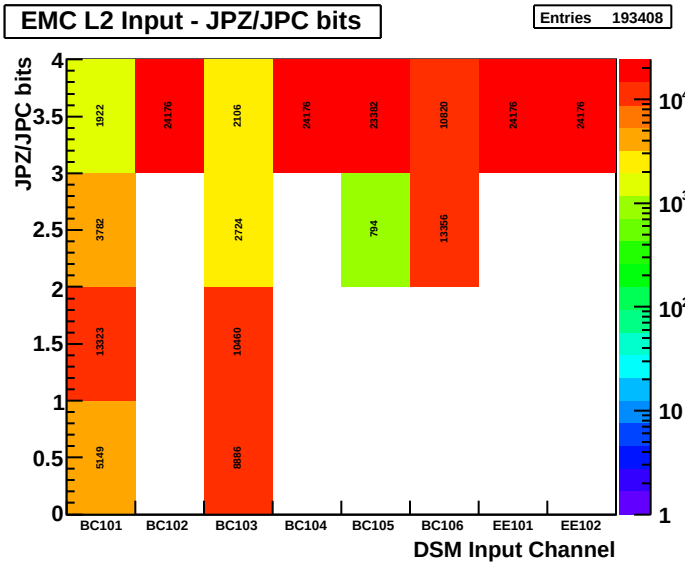

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

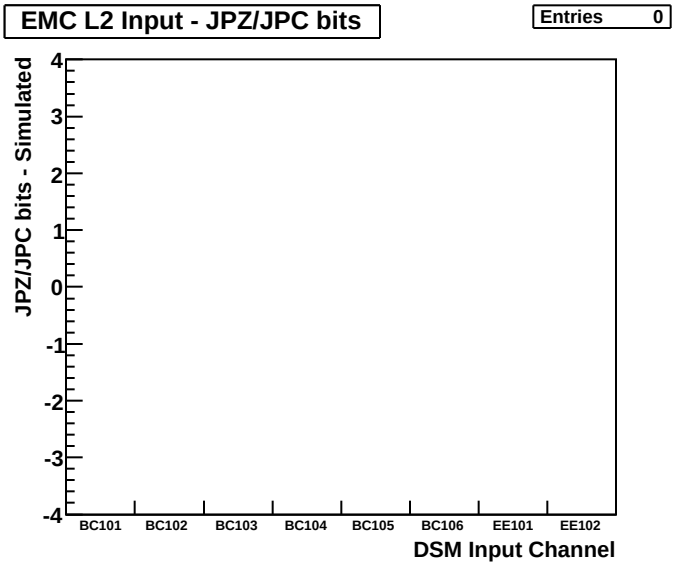

EMC L2 Input - JPX/JPA bits
Entries 193408
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2305 24176 1793 24169 23842 24176 24176 24176
7003 1889 7 334
12281 4056
2587 16438

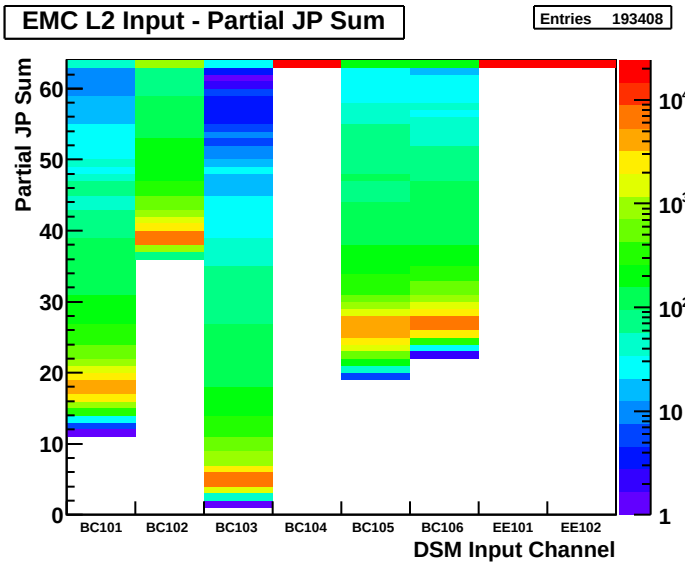

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

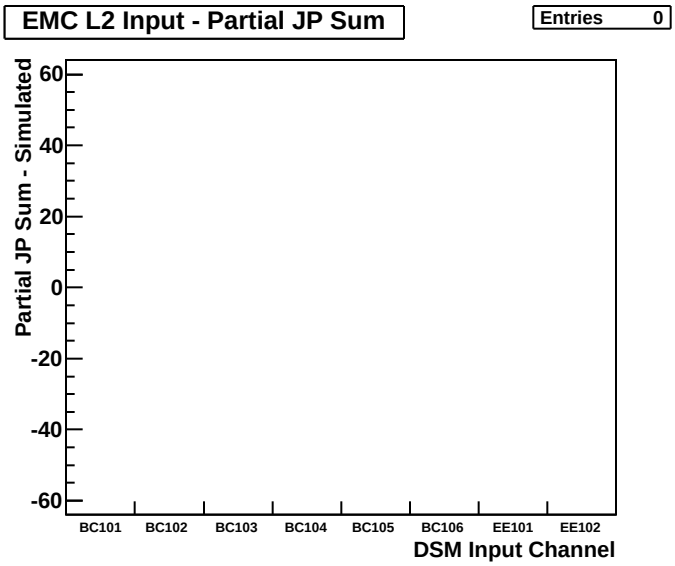

EMC L2 Input - JPY/JPB bits
Entries 193408
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2232 24176 4386 24176 24176 24176 24176 24176
7643 19787
12239 3
2062

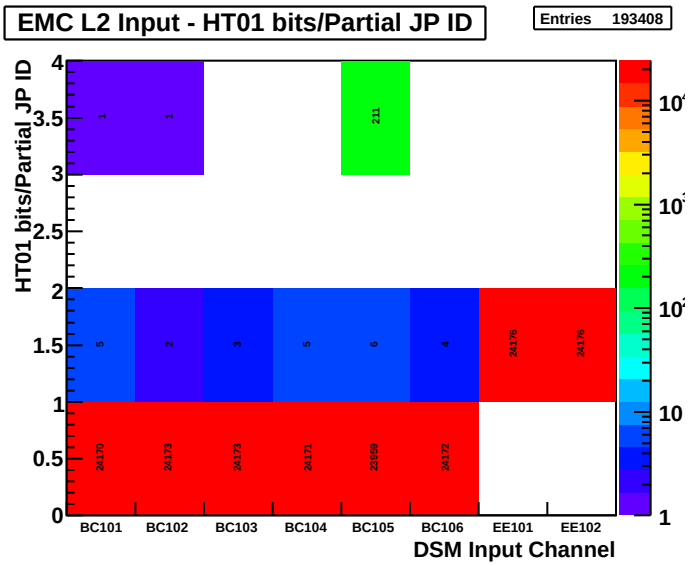

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

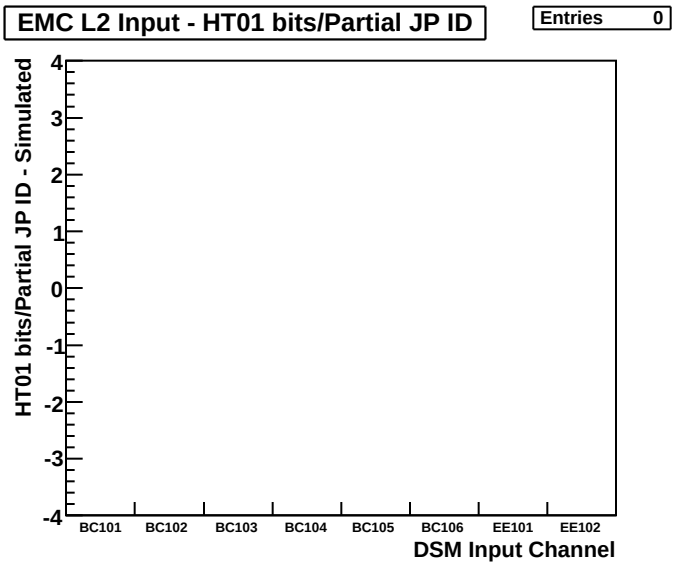

EMC L2 Input - JPZ/JPC bits
Entries 193408
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
1922 24176 2106 24176 23382 10820 24176 24176
3782 2724 794 13356
13323 10460
5149 8886

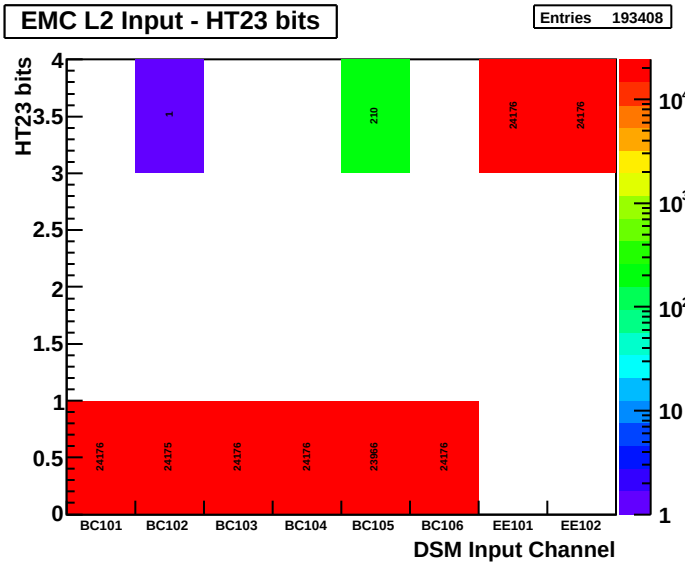

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

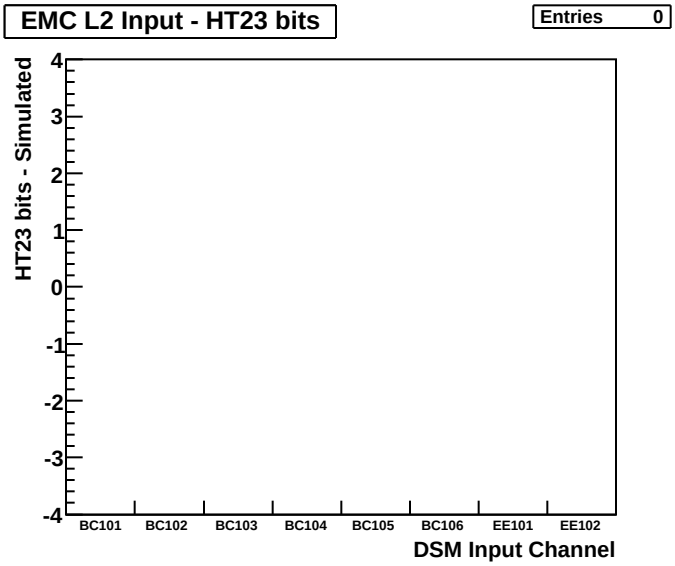

EMC L2 Input - Partial JP Sum
Entries 193408
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

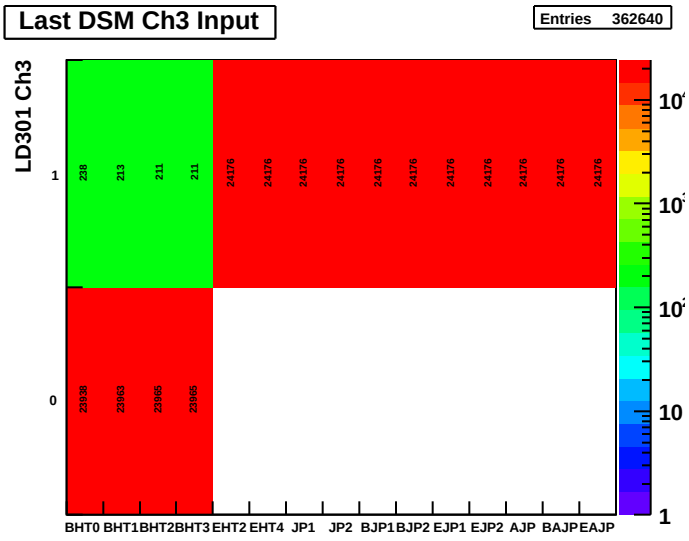

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

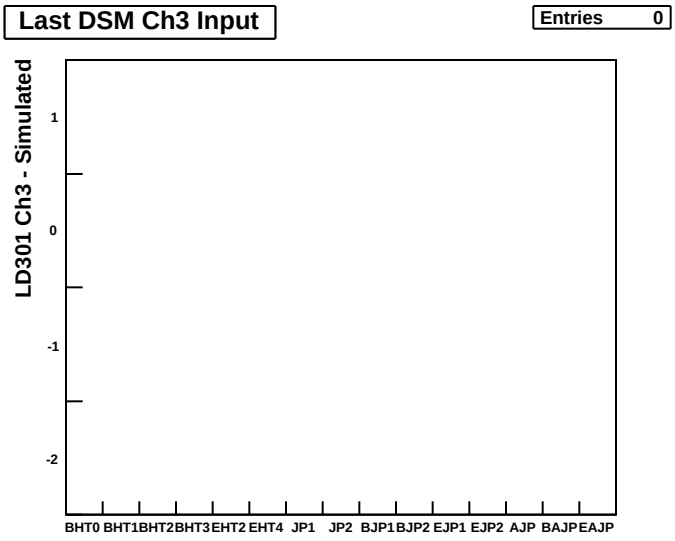

EMC L2 Input - HT01 bits/Partial JP ID
Entries 193408
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

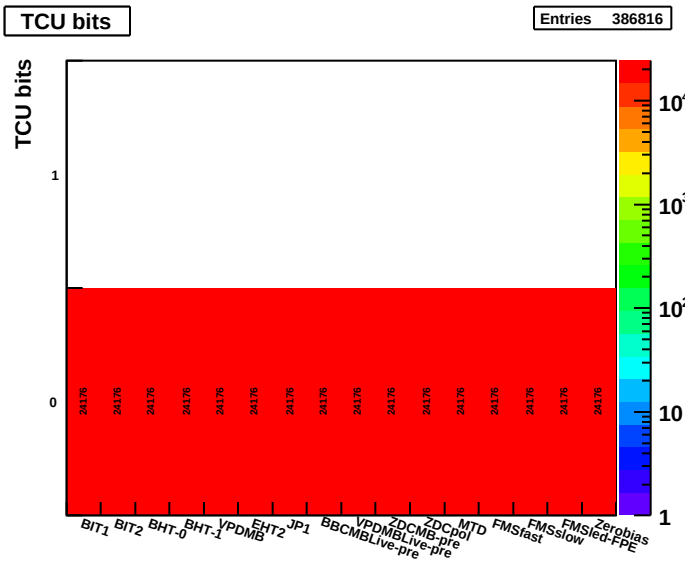

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

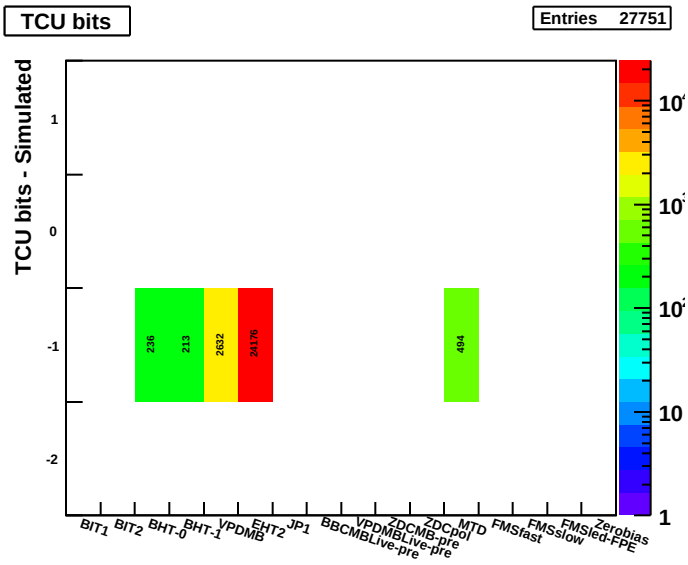

EMC L2 Input - HT23 bits
Entries 193408
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

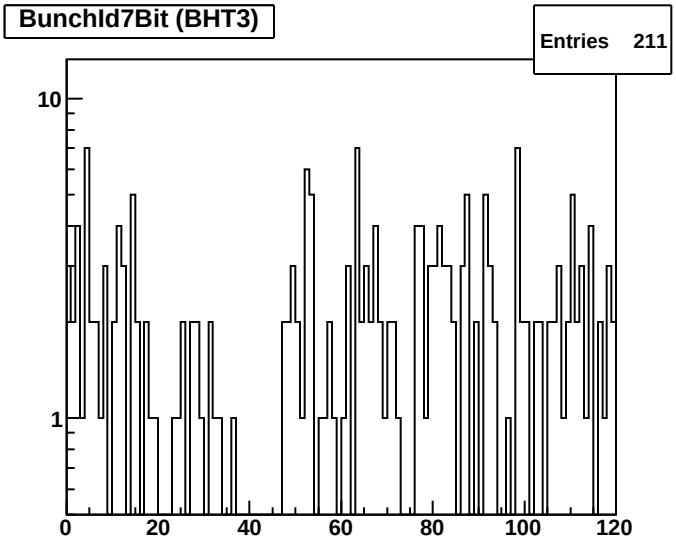

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

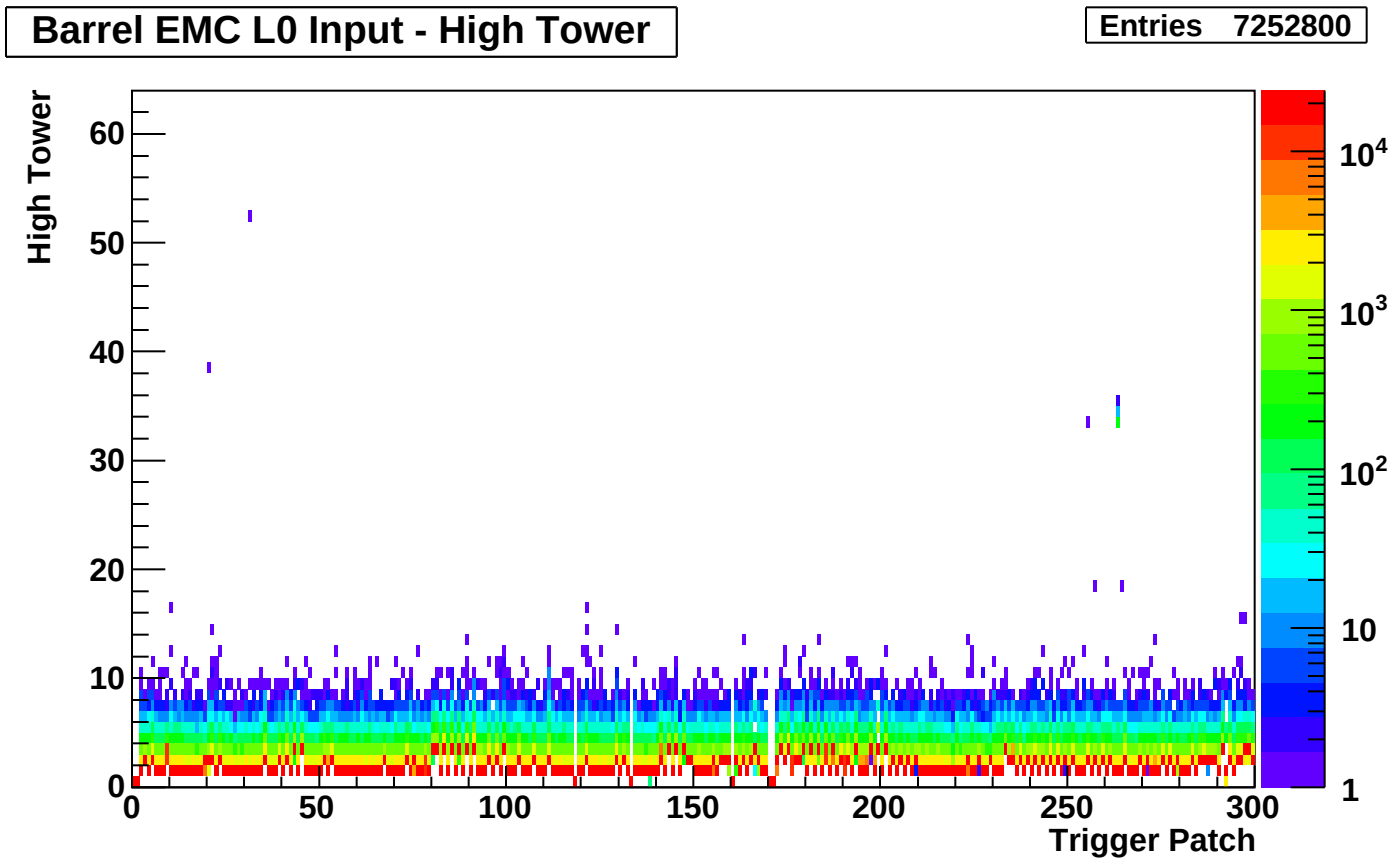

Last DSM Ch3 Input
Entries 362640
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

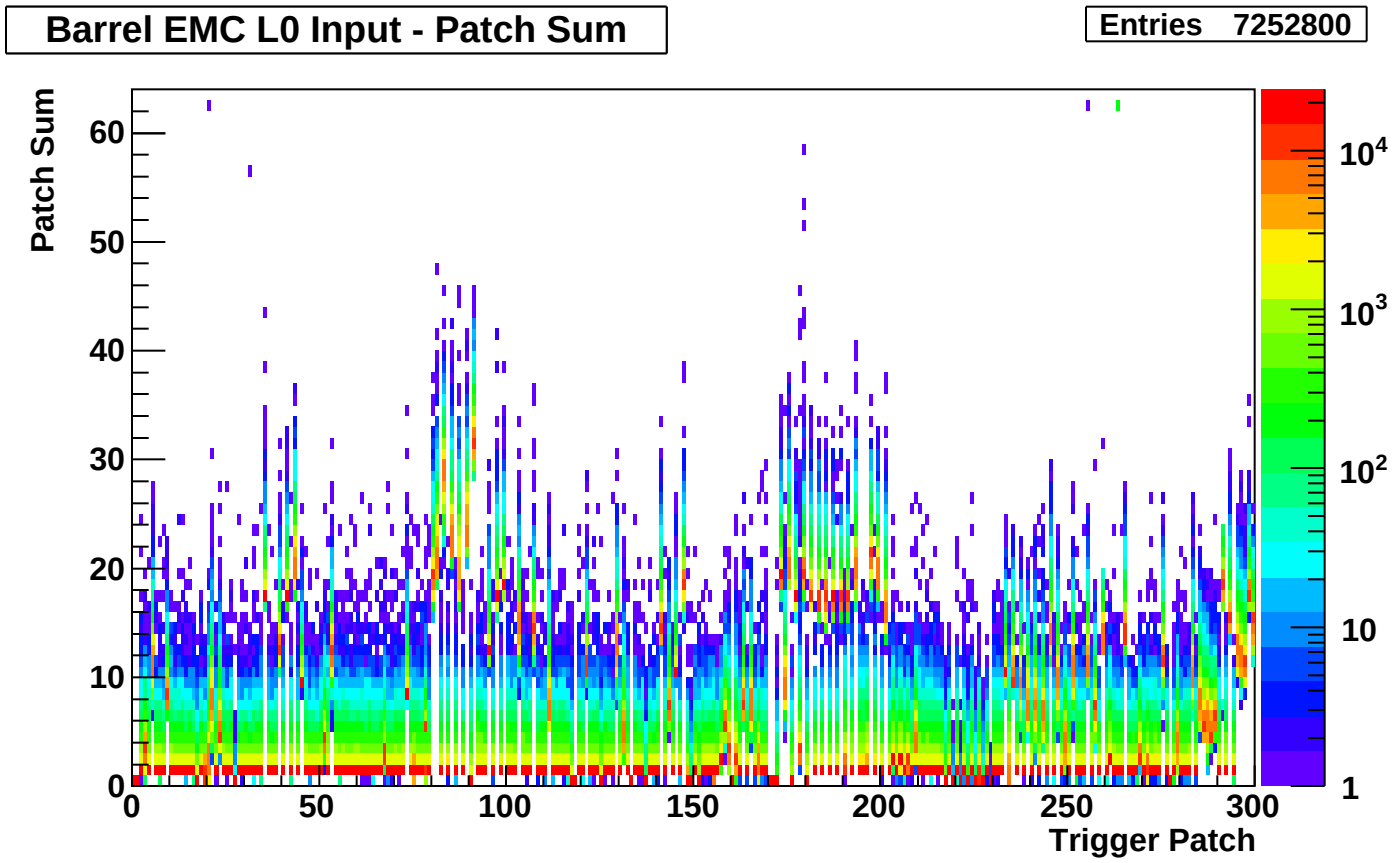

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

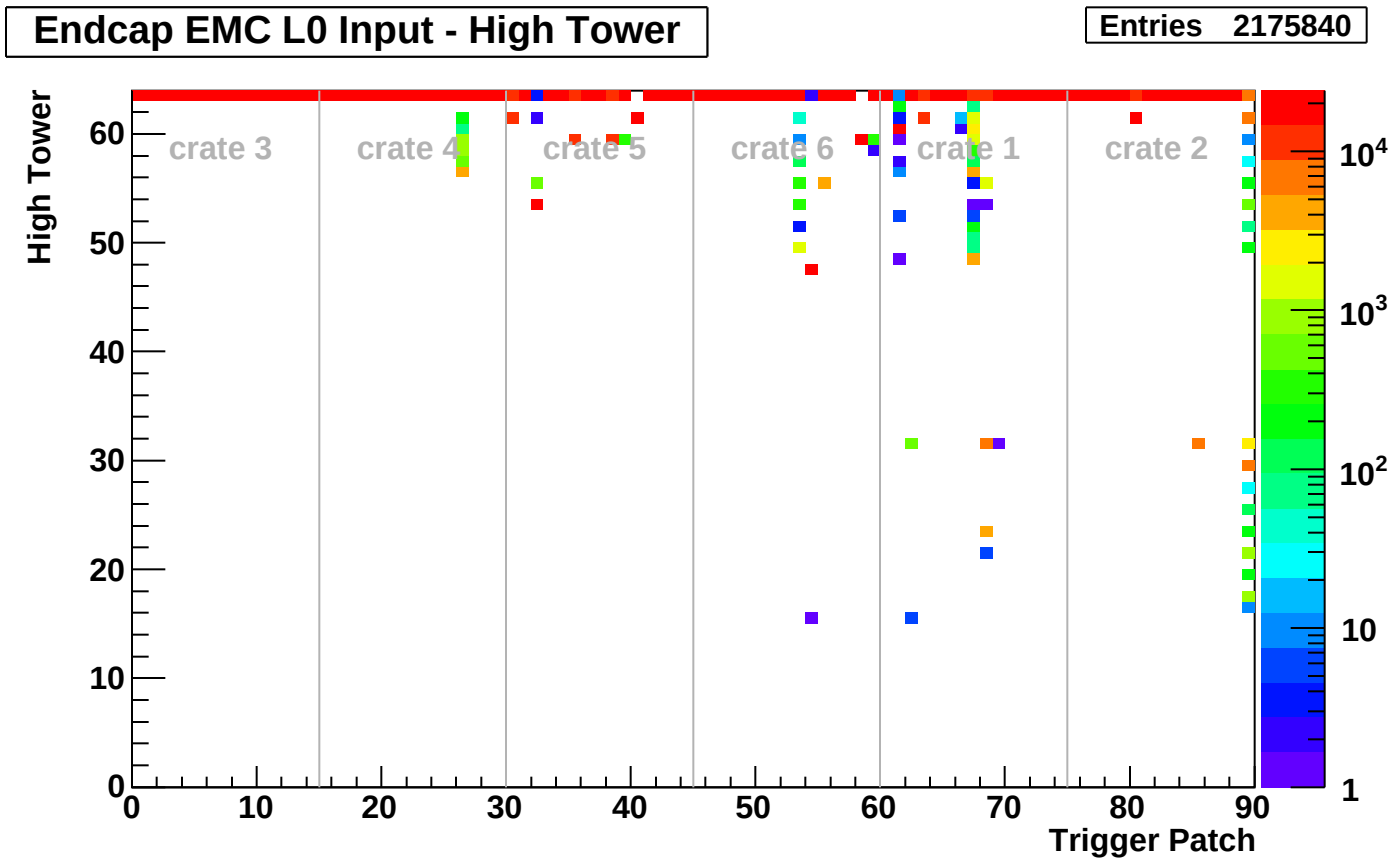

TCU bits
Entries 386816
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

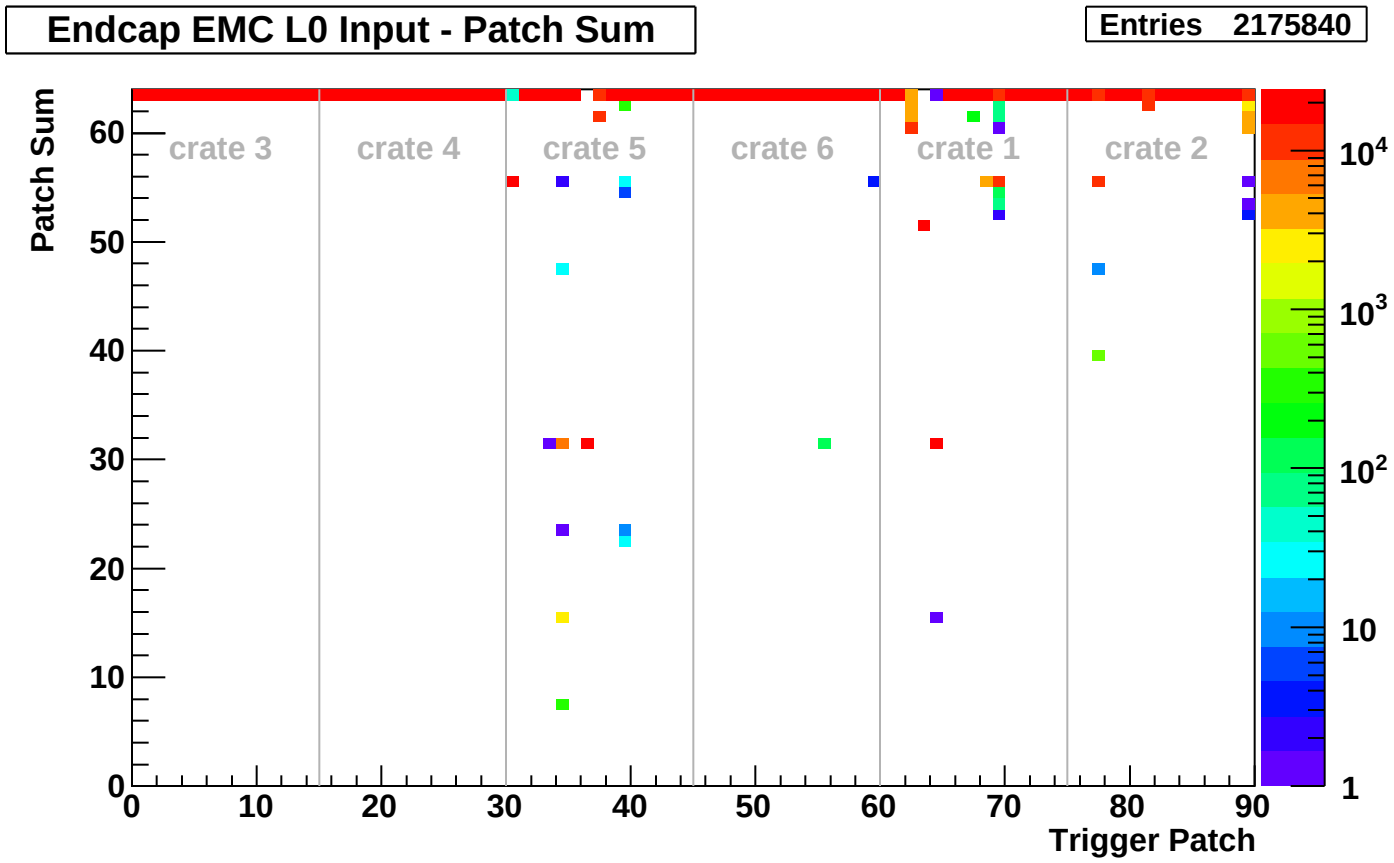

TCU bits
Entries 27751
TCU bits - Simulated
236
213
2632
24176
494
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

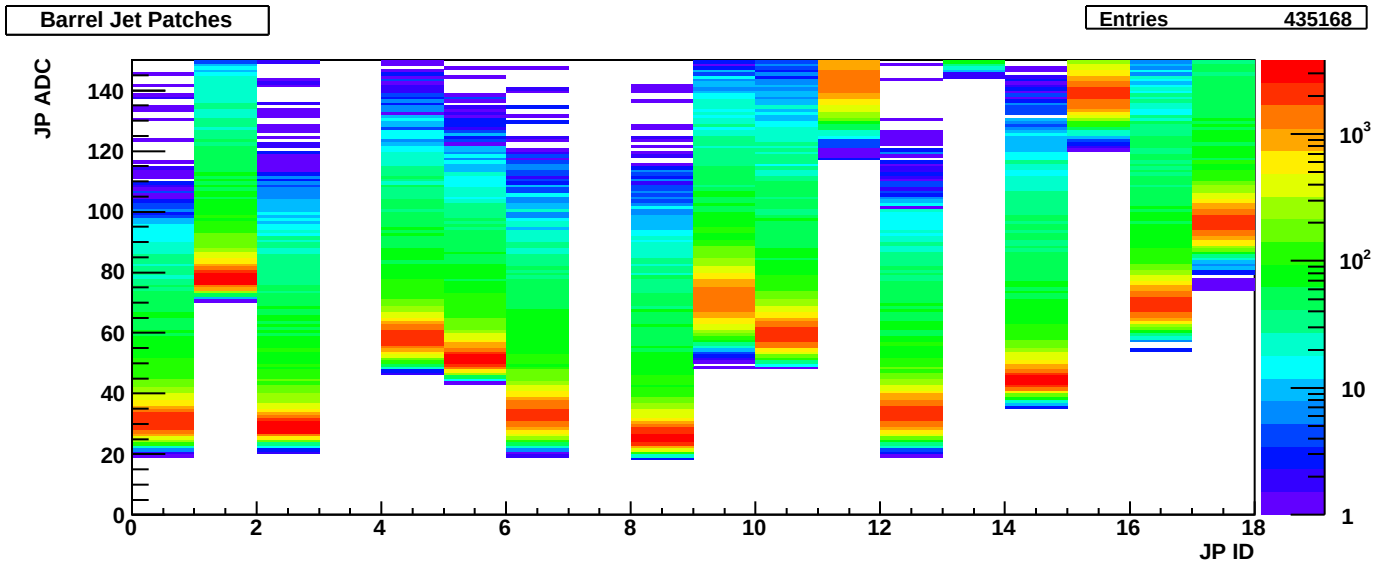

BunchId7Bit (BHT3)
Entries 211

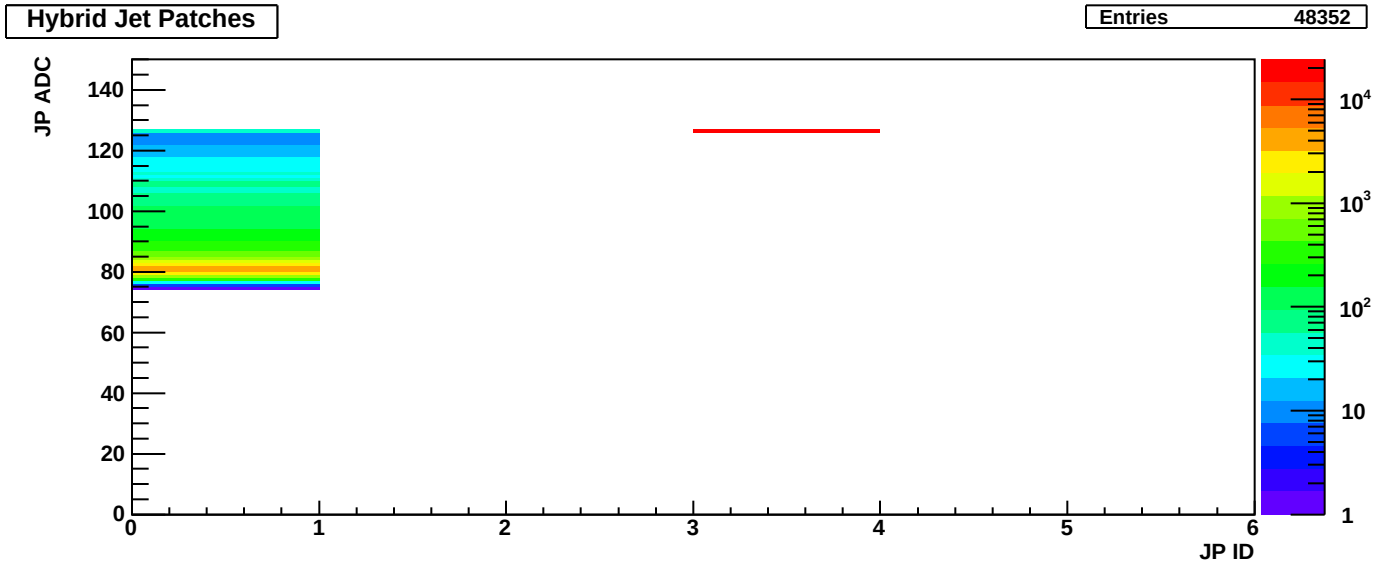

Barrel EMC L0 Input - High Tower
Entries 7252800
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

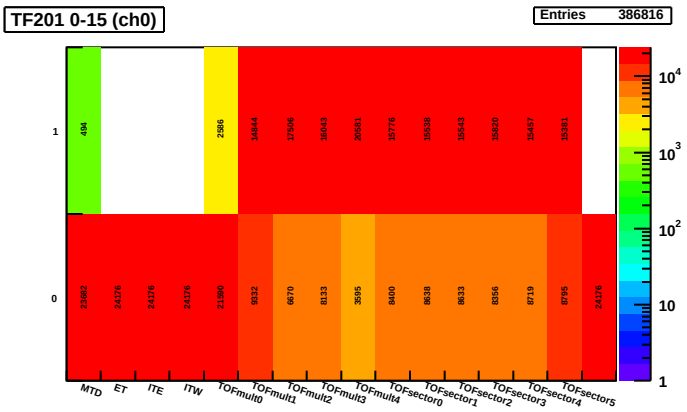

Barrel EMC L0 Input - Patch Sum
Entries 7252800
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

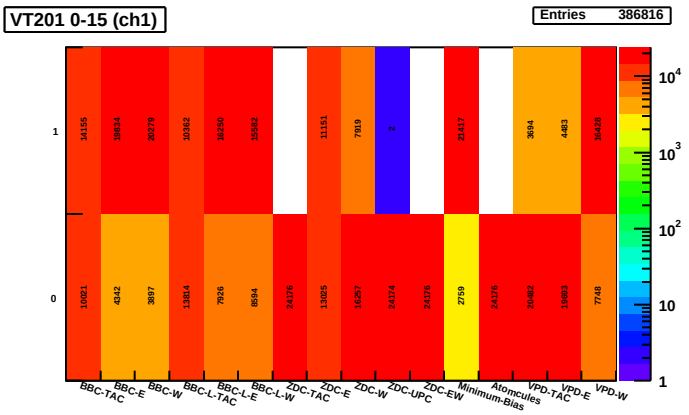

Endcap EMC L0 Input - High Tower
Entries 2175840
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

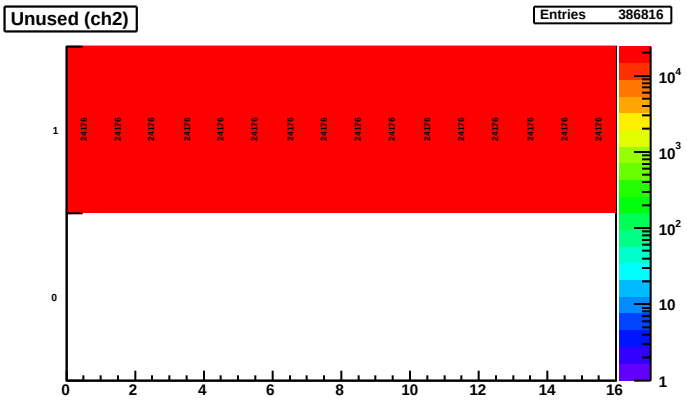

Endcap EMC L0 Input - Patch Sum
Entries 2175840
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

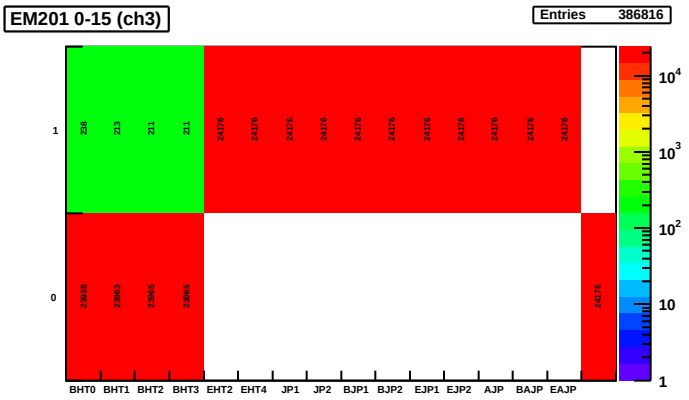

Barrel Jet Patches
Entries 435168
JP ADC
JP ID

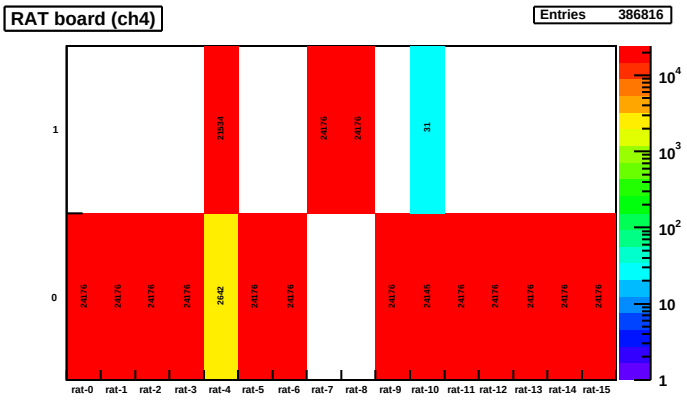

Hybrid Jet Patches
Entries 48352
JP ADC
JP ID

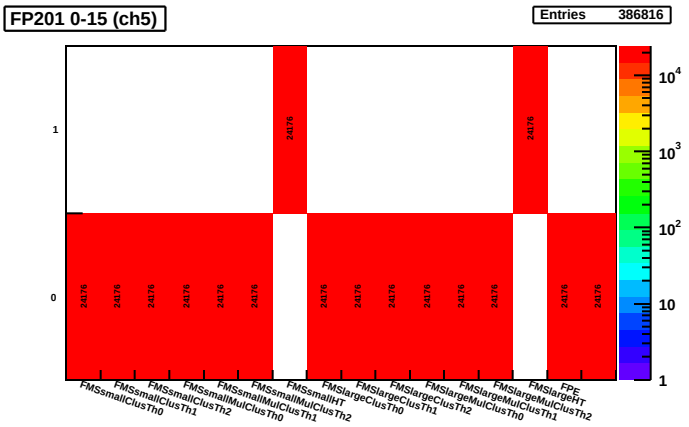

TF201 0-15 (ch0)
Entries 386816
MTD ET ITE ITW TOFmult0 TOFmult1 TOFmult2 TOFmult3 TOFmult4 TOFsector0 TOFsector1 TOFsector2 TOFsector3 TOFsector4 TOFsector5

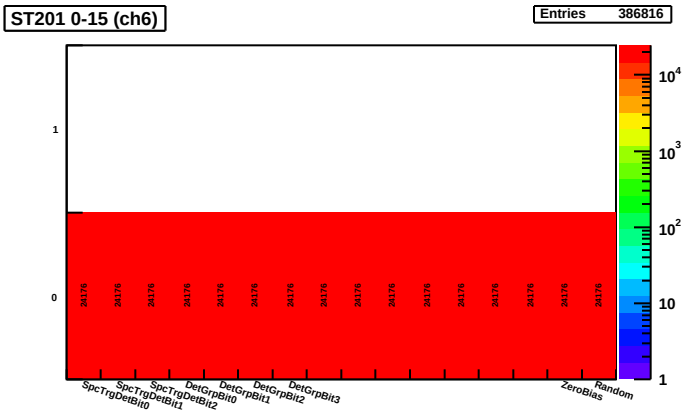

VT201 0-15 (ch1)
Entries 386816
BBC-TAC BBC-E BBC-W BBC-L-TAC BBC-L-E BBC-L-W ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW Minimum-Bias Atomcules VPD-TAC VPD-E VPD-W

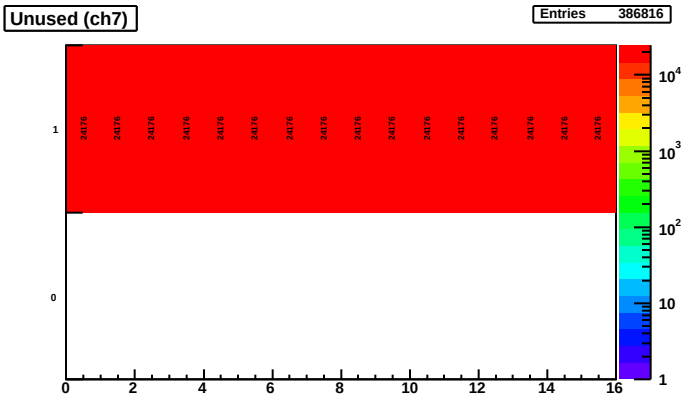

Unused (ch2)
Entries 386816

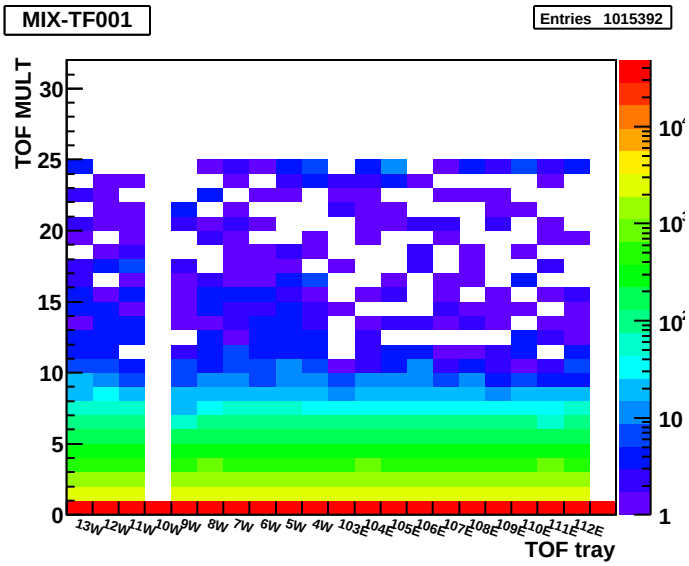

EM201 0-15 (ch3)
Entries 386816
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

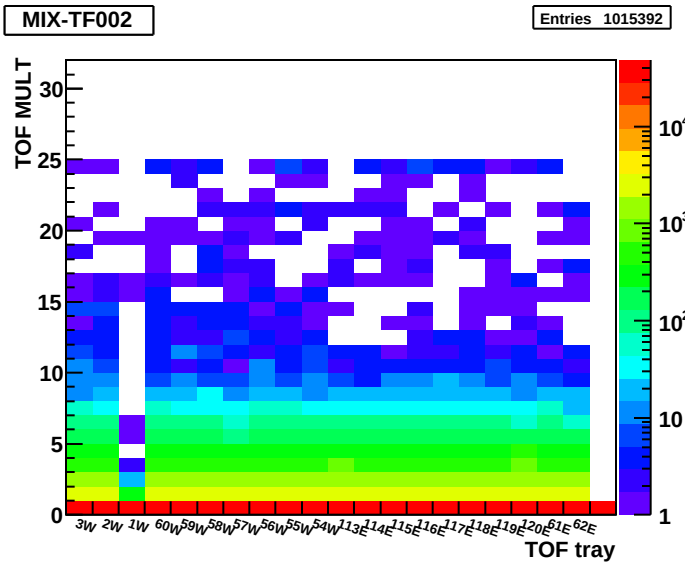

RAT board (ch4)
Entries 386816
rat-0 rat-1 rat-2 rat-3 rat-4 rat-5 rat-6 rat-7 rat-8 rat-9 rat-10 rat-11 rat-12 rat-13 rat-14 rat-15

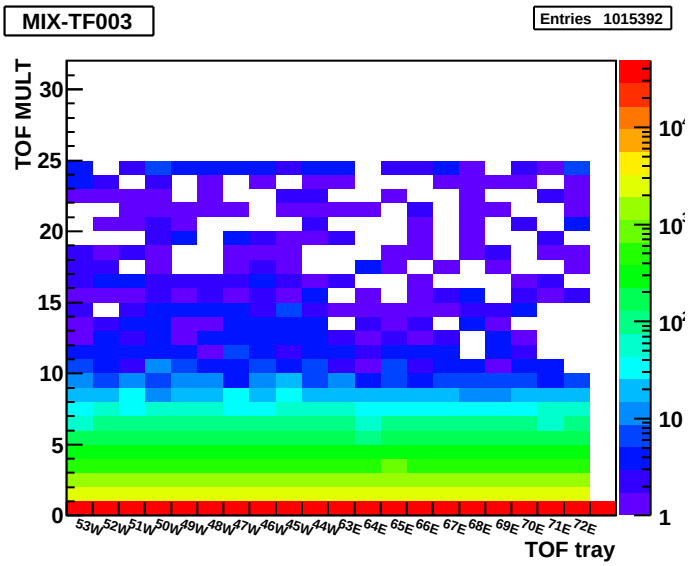

FP201 0-15 (ch5)
Entries 386816
FMSsmallClusTh0 FMSsmallClusTh1 FMSsmallClusTh2 FMSsmallMulClusTh0 FMSsmallMulClusTh1 FMSsmallMulClusTh2 FMSsmallHT FMSlargeClusTh0 FMSlargeClusTh1 FMSlargeClusTh2 FMSlargeMulClusTh0 FMSlargeMulClusTh1 FMSlargeMulClusTh2 FMSlargeHT FPE

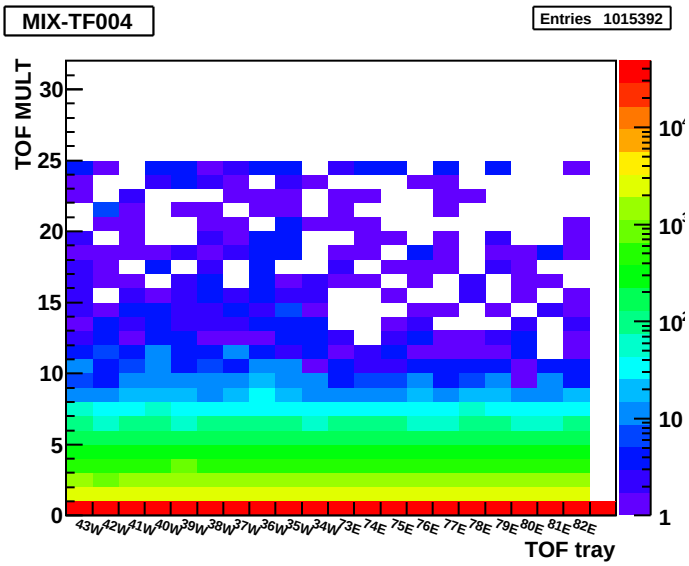

ST201 0-15 (ch6)
Entries 386816
SpcTrgDetBit0 SpcTrgDetBit1 SpcTrgDetBit2 DetCrpBit0 DetCrpBit1 DetCrpBit2 DetCrpBit3 ZeroBias Random

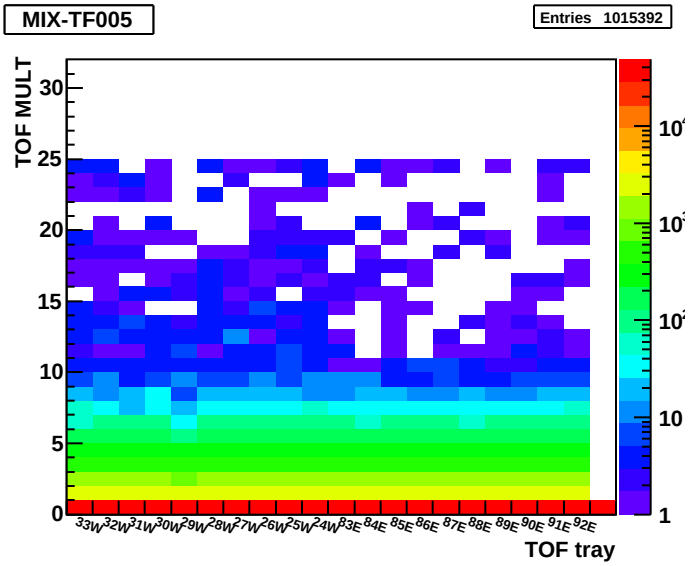

Unused (ch7)
Entries 386816

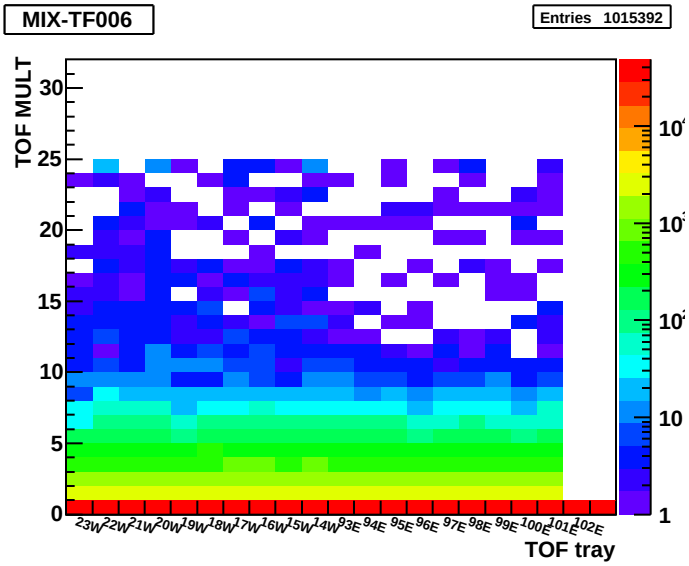

MIX-TF001
Entries 1015392
TOF MULT
TOF tray

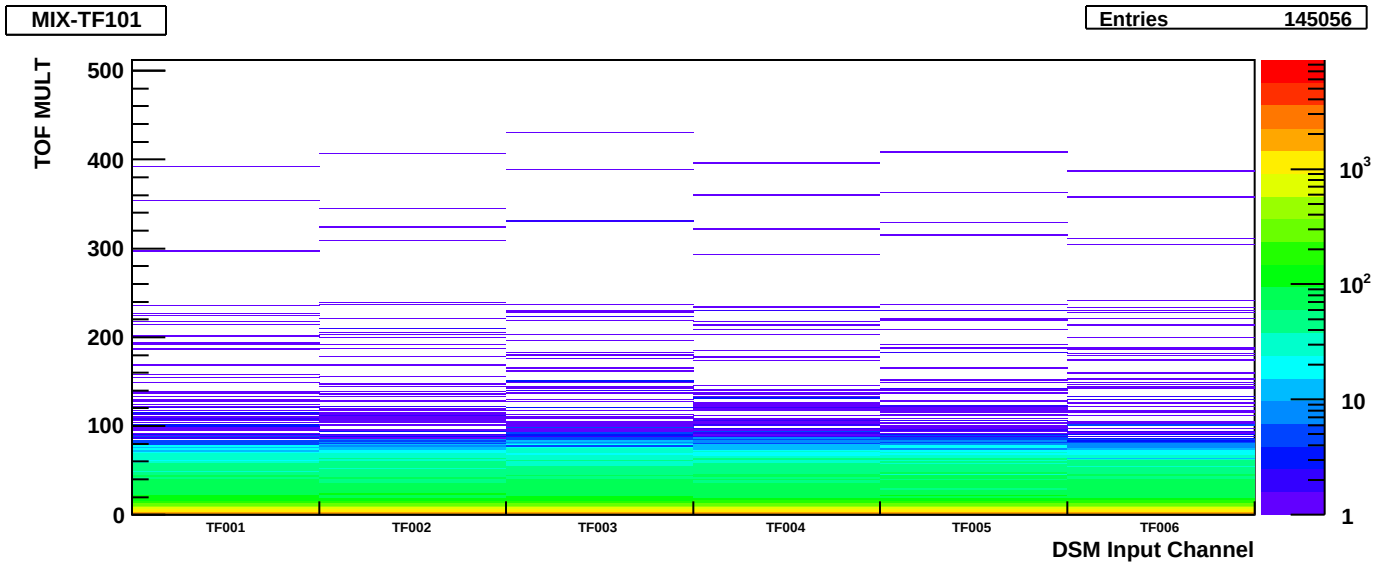

MIX-TF002
Entries 1015392
TOF MULT
TOF tray

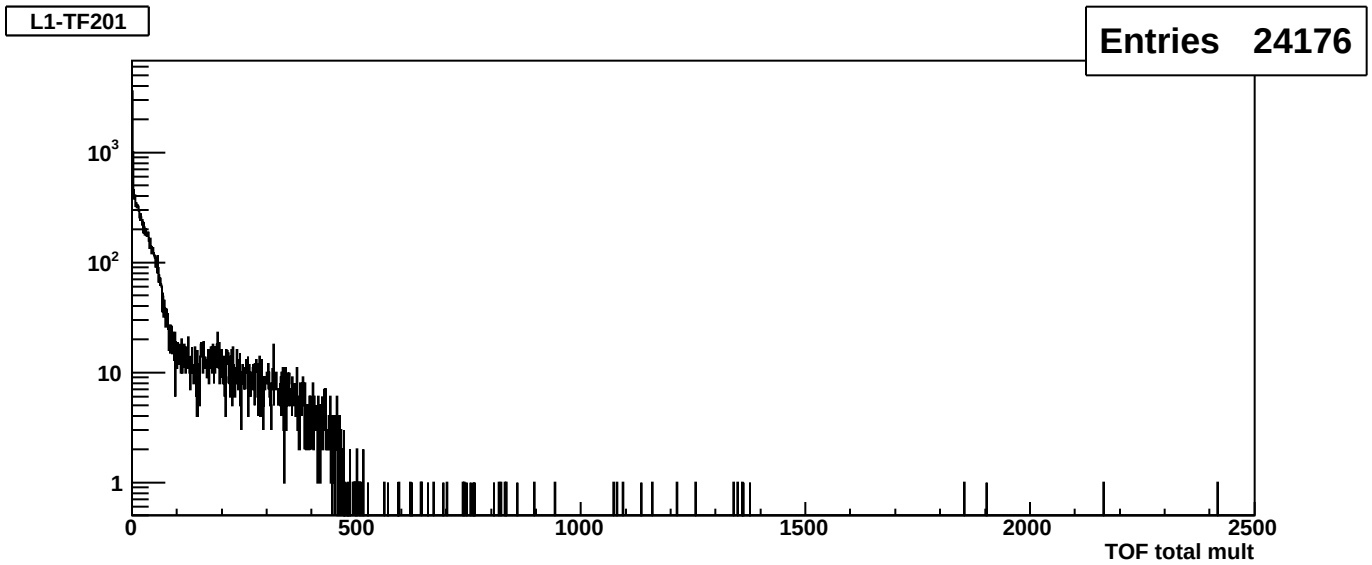

MIX-TF003
Entries 1015392
TOF MULT
TOF tray

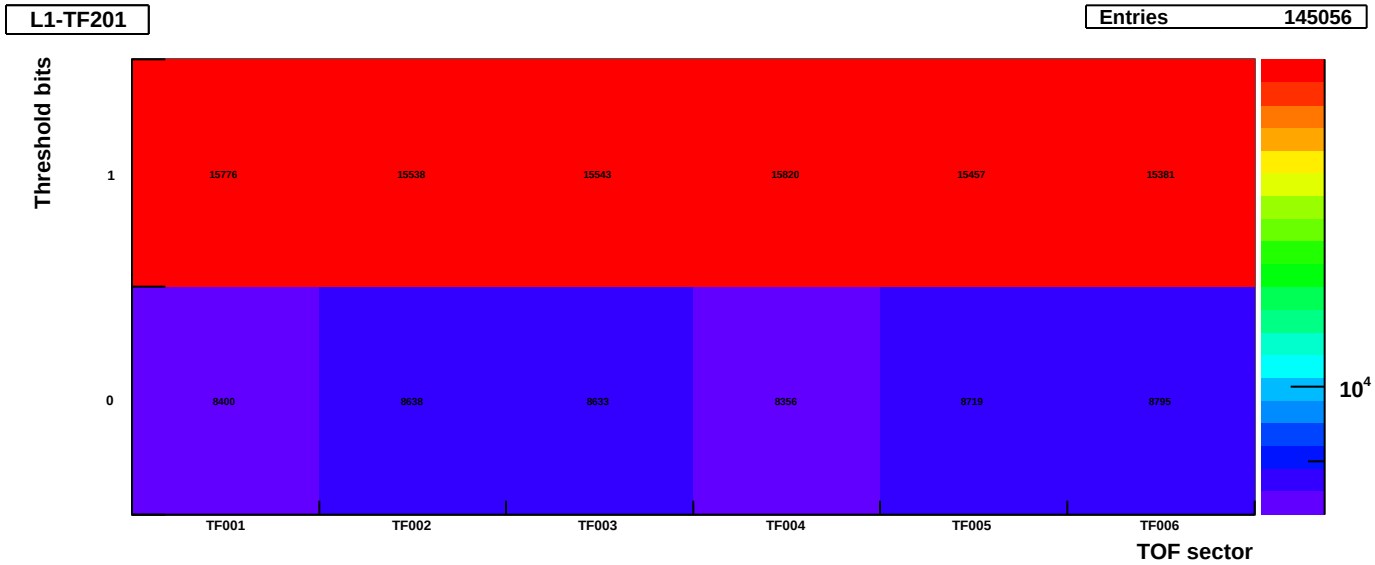

MIX-TF004
Entries 1015392
TOF MULT
TOF tray

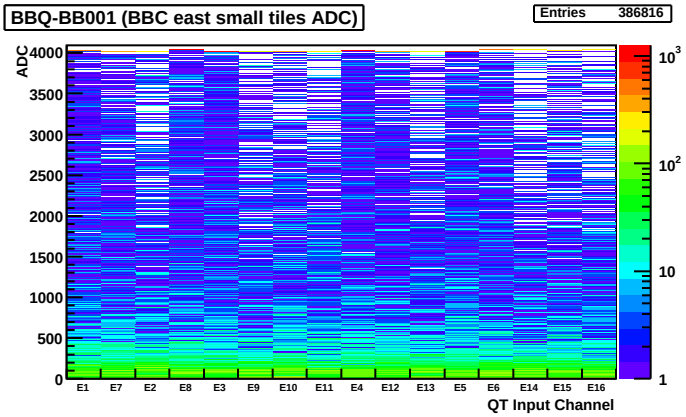

MIX-TF005
Entries 1015392
TOF MULT
TOF tray

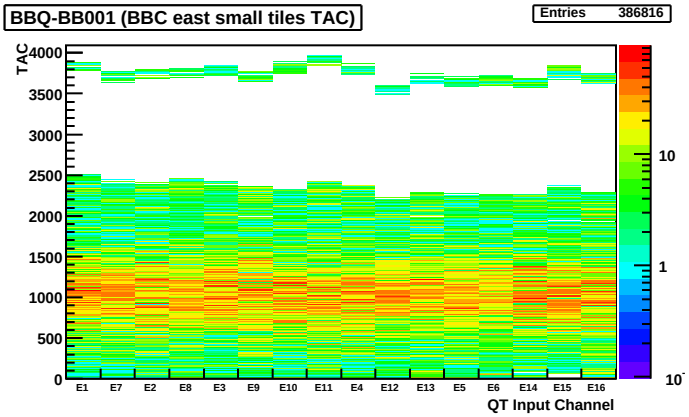

MIX-TF006
Entries 1015392
TOF MULT
TOF tray

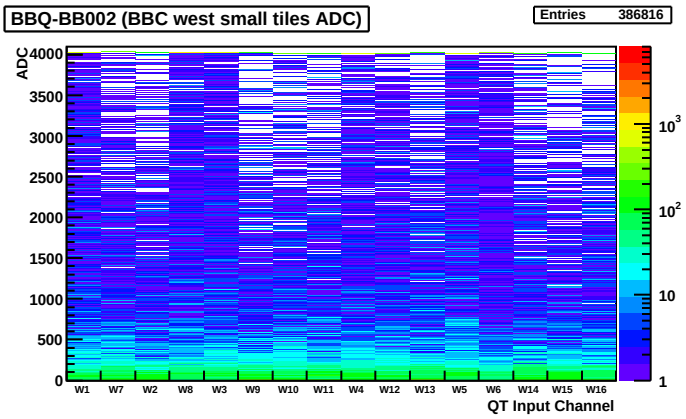

MIX-TF101
Entries 145056
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

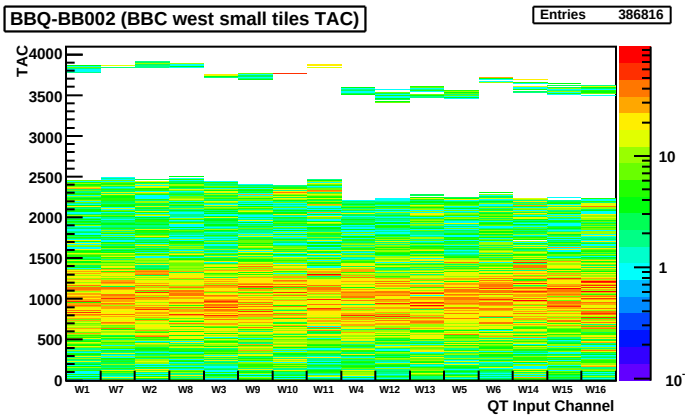

L1-TF201
Entries 24176
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

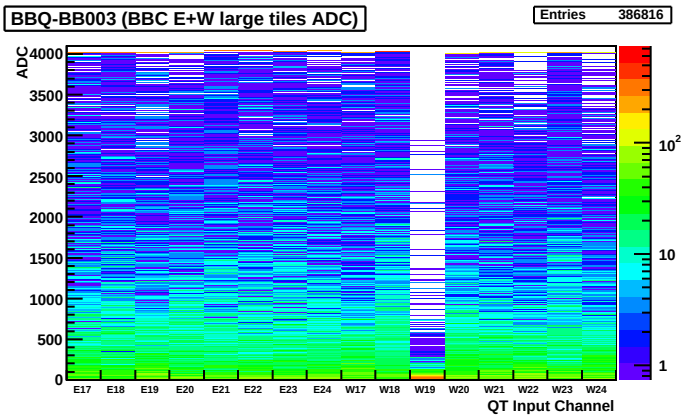

L1-TF201
Entries 145056
Threshold bits
1
0
15776
15538
15543
15820
15457
15381
8400
8638
8633
8356
8719
8795
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

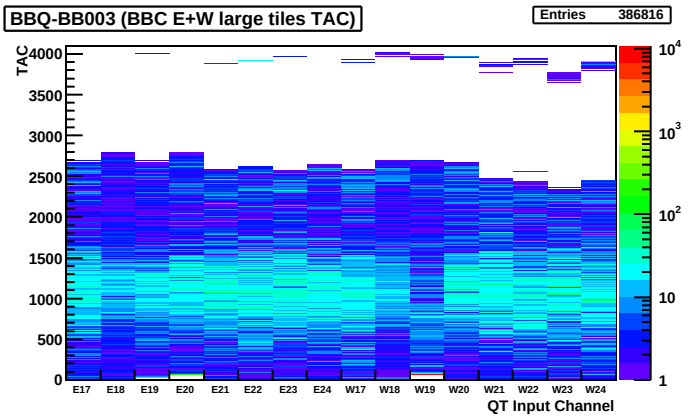

BBQ-BB001 (BBC east small tiles ADC)
Entries 386816
ADC
QT Input Channel

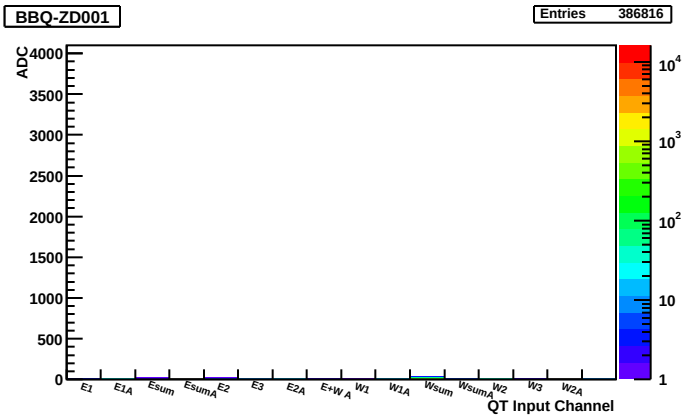

BBQ-BB001 (BBC east small tiles TAC)
Entries 386816
TAC
QT Input Channel

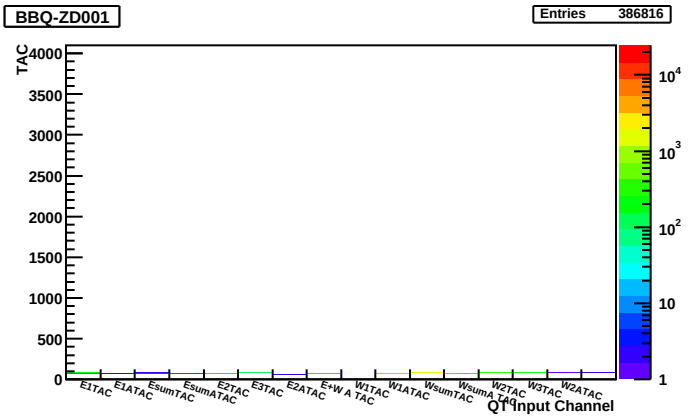

BBQ-BB002 (BBC west small tiles ADC)
Entries 386816
ADC
QT Input Channel

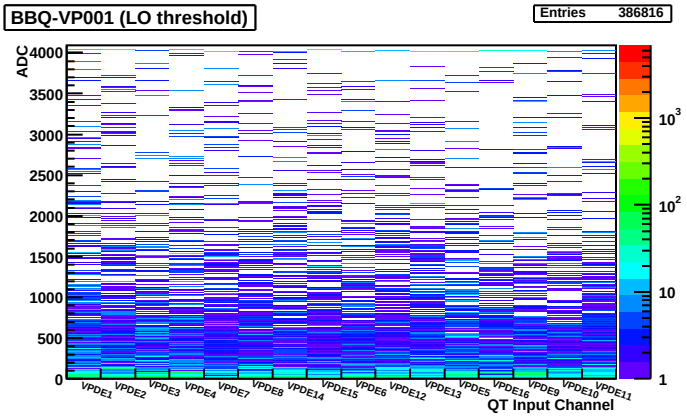

BBQ-BB002 (BBC west small tiles TAC)
Entries 386816
TAC
QT Input Channel

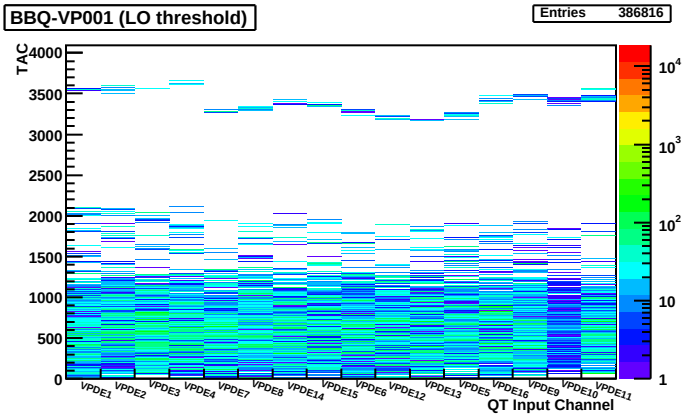

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 386816
ADC
QT Input Channel

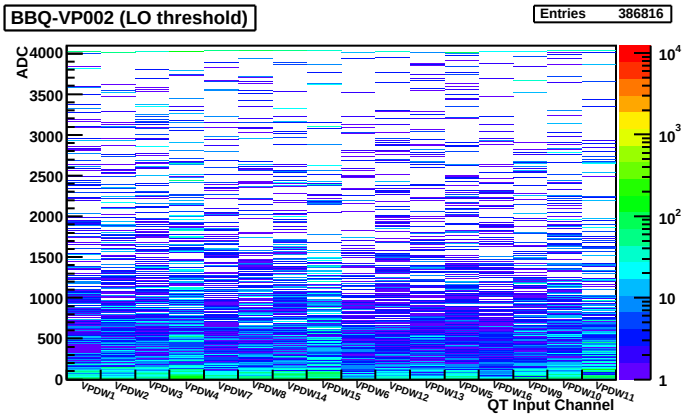

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 386816
TAC
QT Input Channel

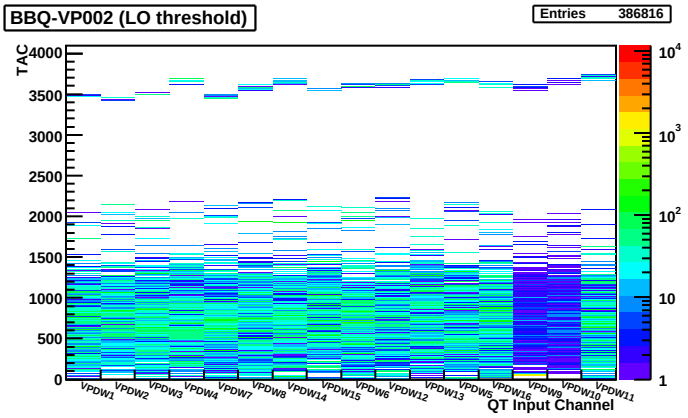

BBQ-ZD001
Entries 386816
ADC
QT Input Channel

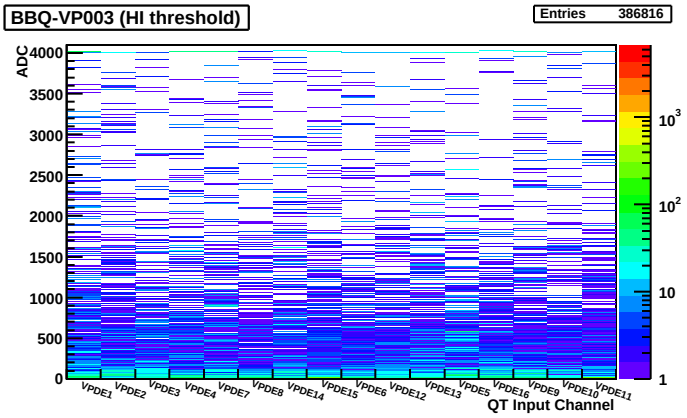

BBQ-ZD001
Entries 386816
TAC
QT Input Channel

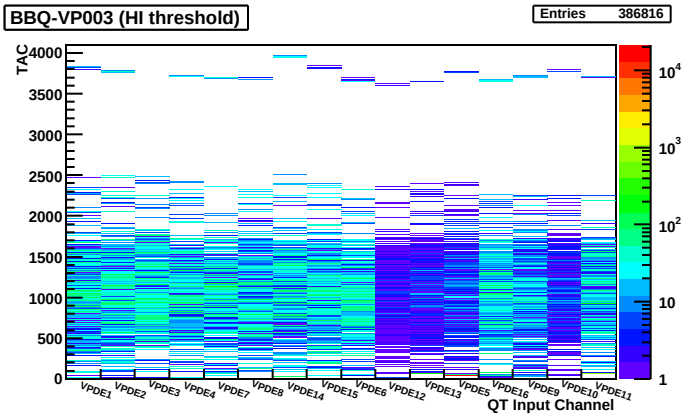

BBQ-VP001 (LO threshold)
Entries 386816
ADC
QT Input Channel

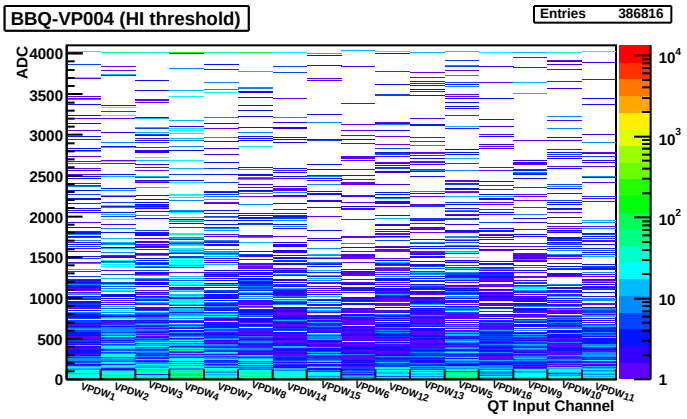

BBQ-VP001 (LO threshold)
Entries 386816
TAC
QT Input Channel

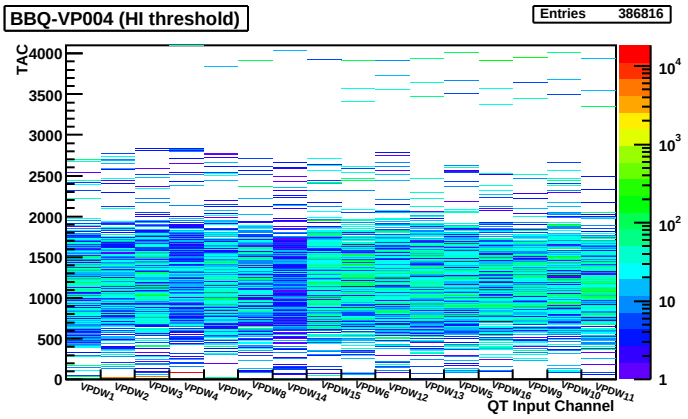

BBQ-VP002 (LO threshold)
Entries 386816
ADC
QT Input Channel

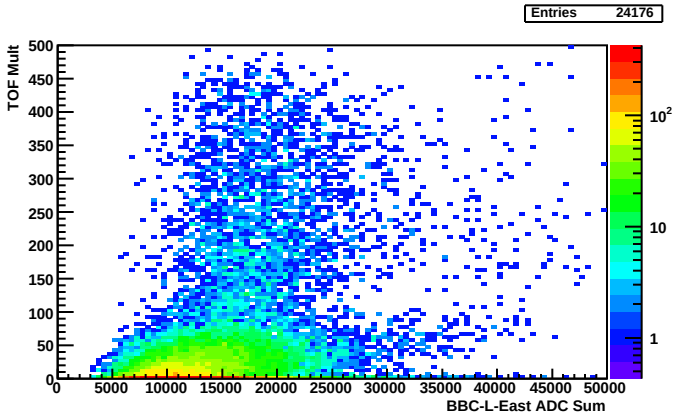

BBQ-VP002 (LO threshold)
Entries 386816
TAC
QT Input Channel

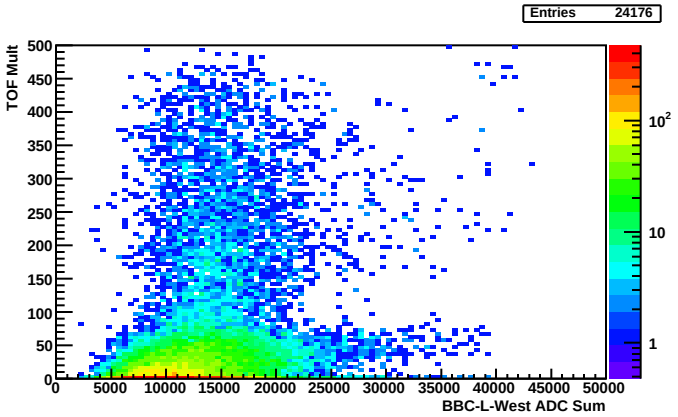

BBQ-VP003 (HI threshold)
Entries 386816
ADC
QT Input Channel

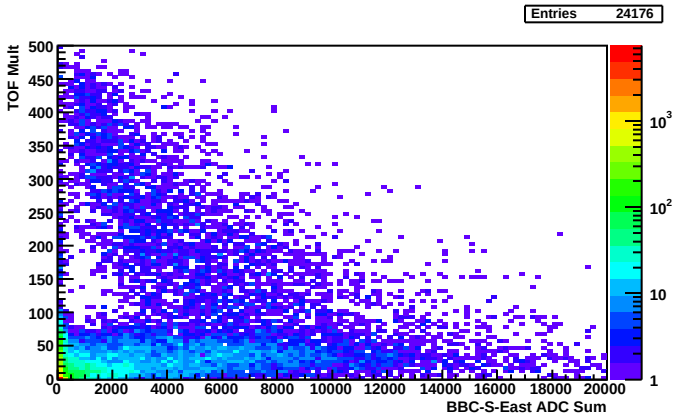

BBQ-VP003 (HI threshold)
Entries 386816
TAC
QT Input Channel

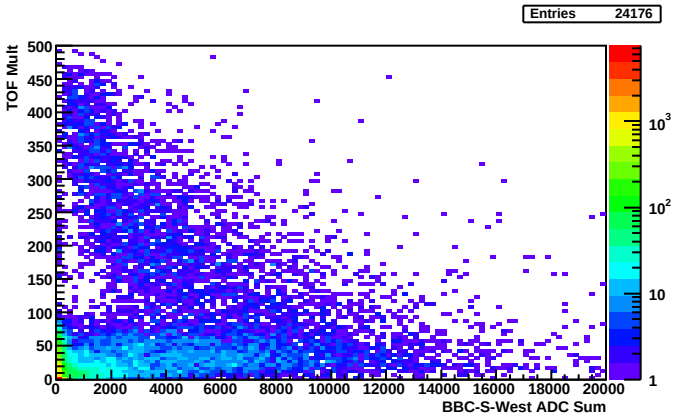

BBQ-VP004 (HI threshold)
Entries 386816
ADC
QT Input Channel

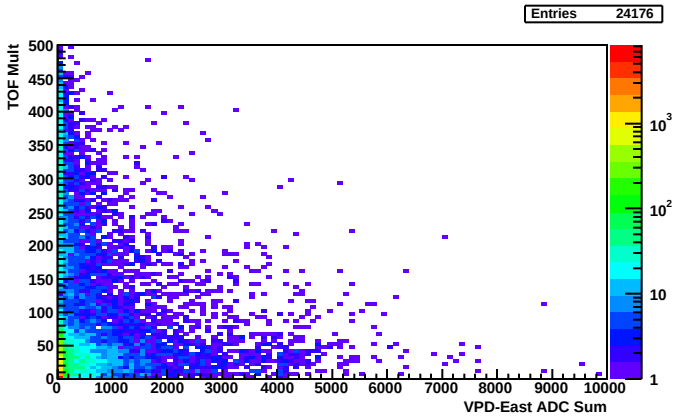

BBQ-VP004 (HI threshold)
Entries 386816
TAC
QT Input Channel

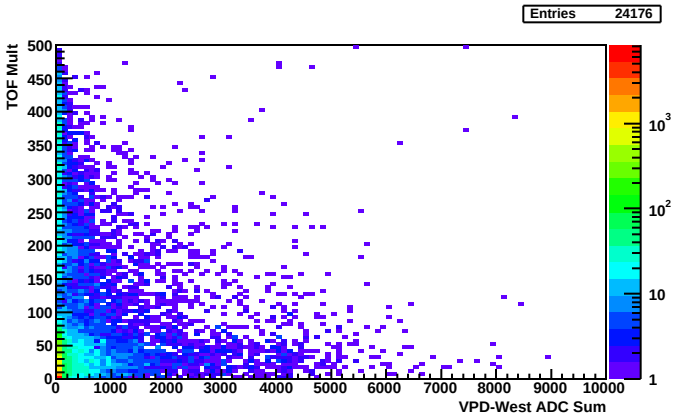

Entries 24176
TOF Mult
BBC-L-East ADC Sum

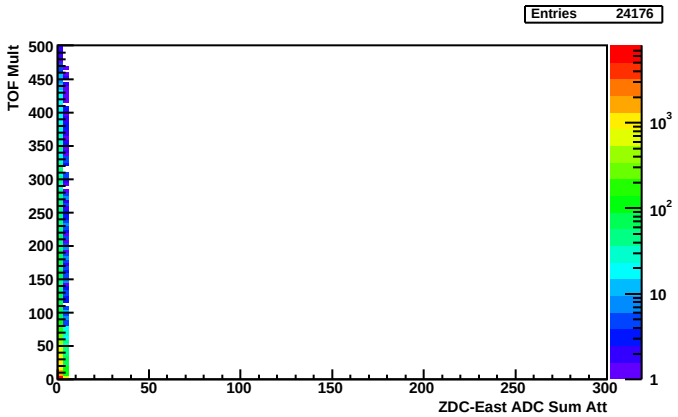

Entries 24176
TOF Mult
BBC-L-West ADC Sum

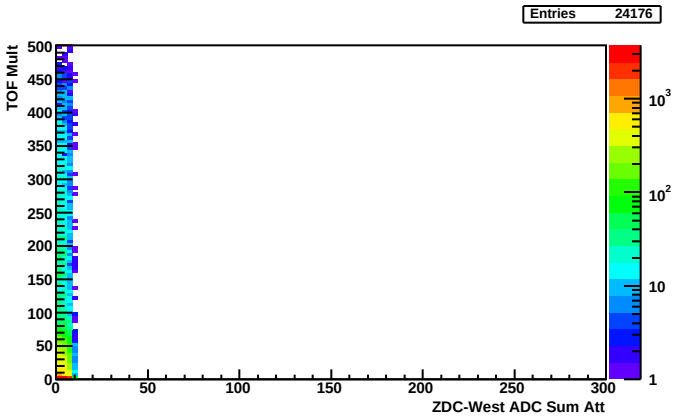

Entries 24176
TOF Mult
BBC-S-East ADC Sum

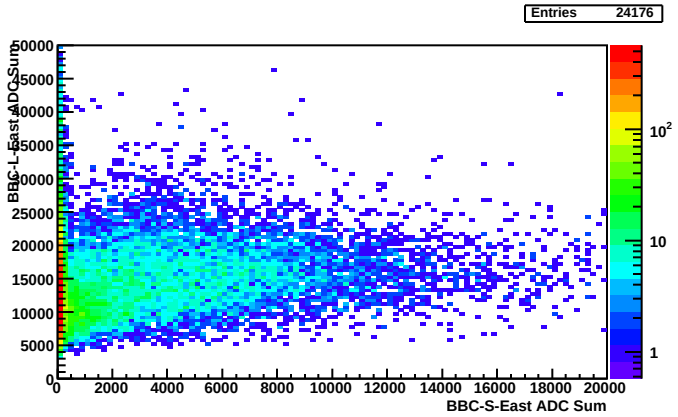

Entries 24176
TOF Mult
BBC-S-West ADC Sum

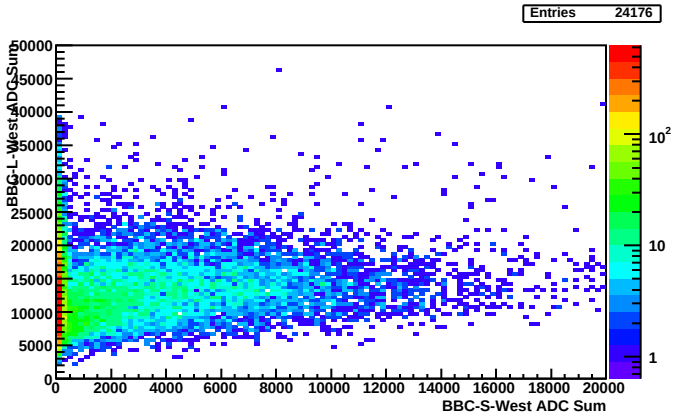

Entries 24176
TOF Mult
VPD-East ADC Sum

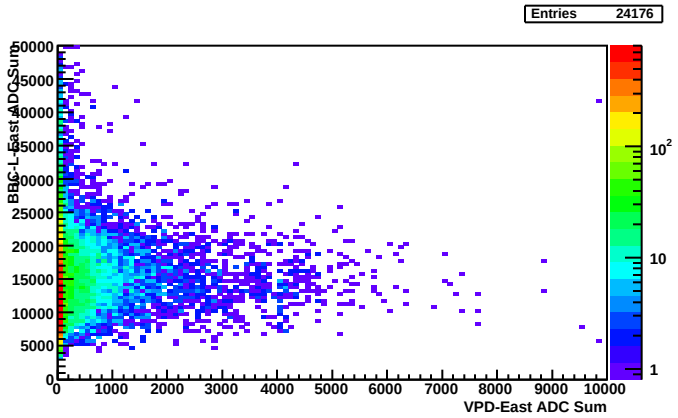

Entries 24176
TOF Mult
VPD-West ADC Sum

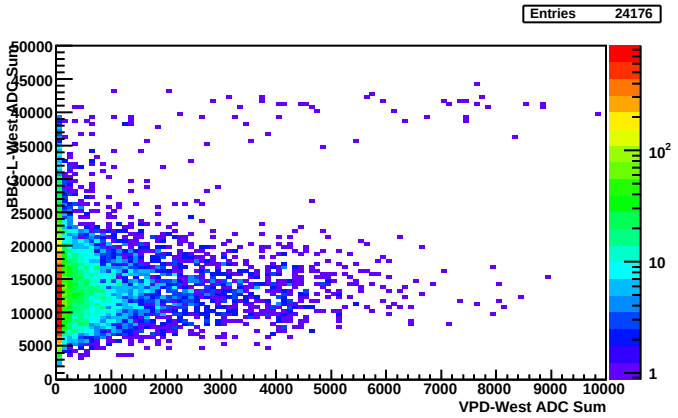

Entries 24176
TOF Mult
ZDC-East ADC Sum Att

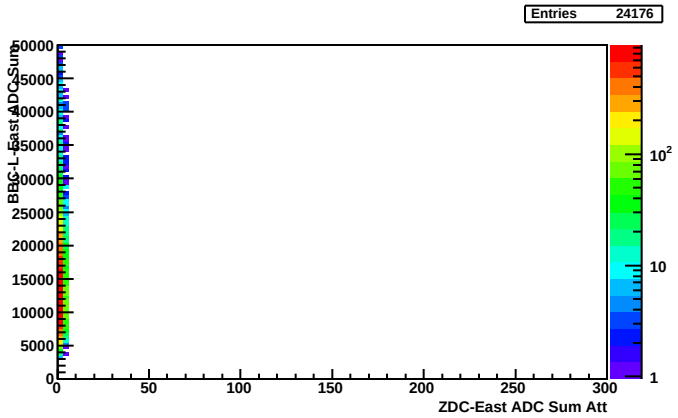

Entries 24176
TOF Mult
ZDC-West ADC Sum Att

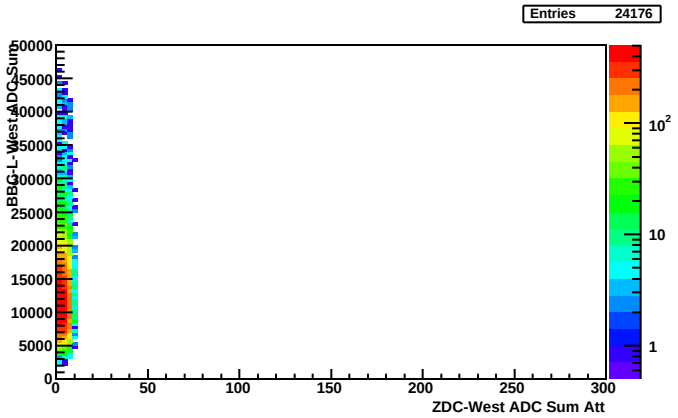

Entries 24176
BBC-L-East ADC Sum
BBC-S-East ADC Sum

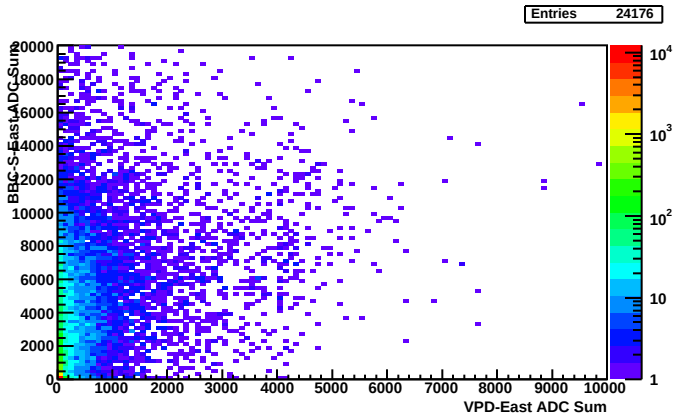

Entries 24176
BBC-L-West ADC Sum
BBC-S-West ADC Sum

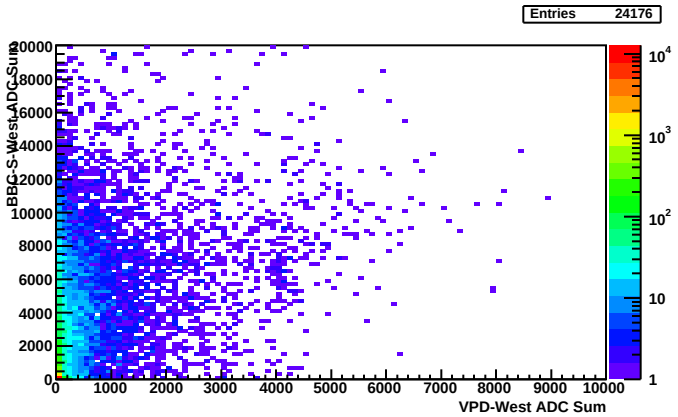

Entries 24176
BBC-L-East ADC Sum
VPD-East ADC Sum

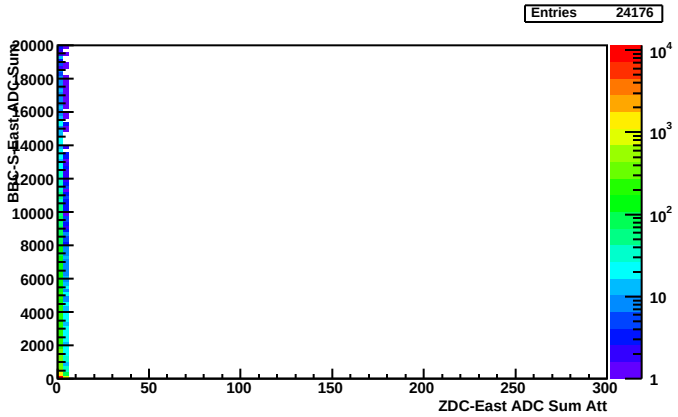

Entries 24176
BBC-L-West ADC Sum
VPD-West ADC Sum

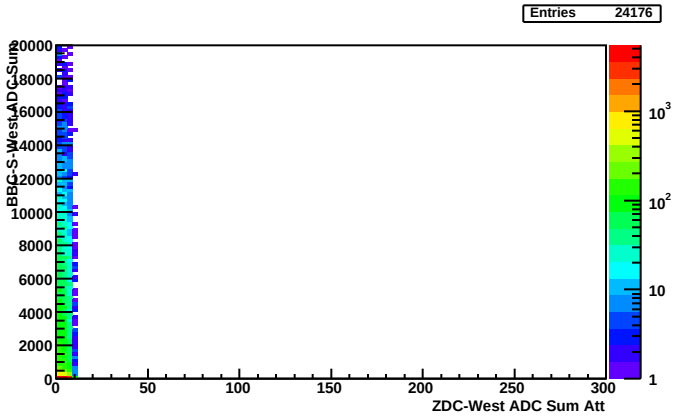

Entries 24176
BBC-L-East ADC Sum
ZDC-East ADC Sum Att

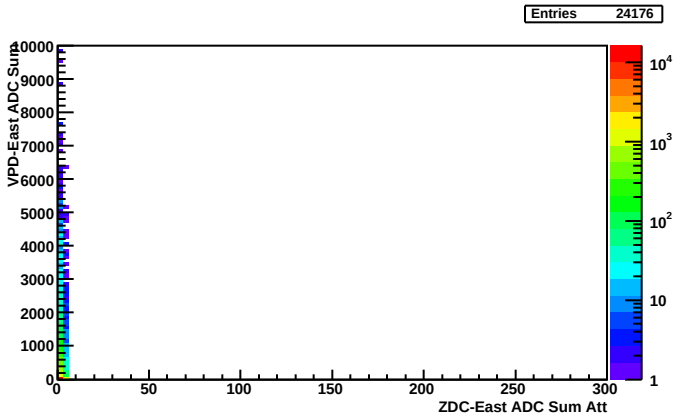

Entries 24176
BBC-L-West ADC Sum
ZDC-West ADC Sum Att

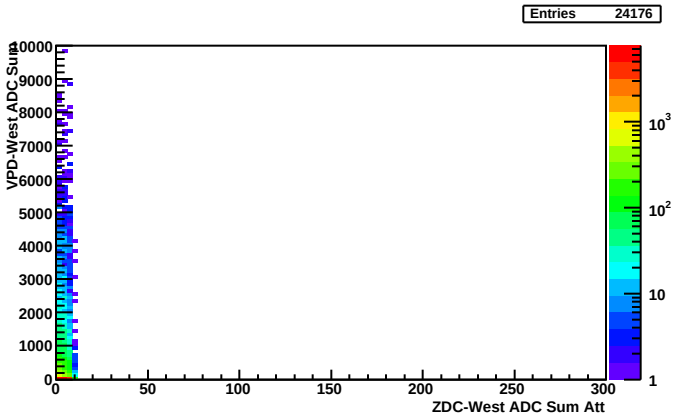

Entries 24176
BBC-S-East ADC Sum
VPD-East ADC Sum

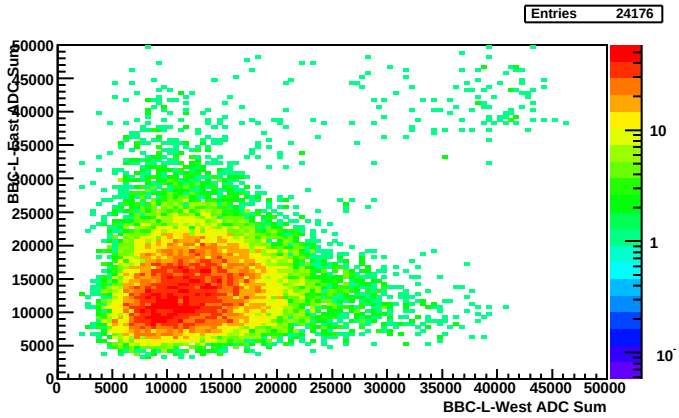

Entries 24176
BBC-S-West ADC Sum
VPD-West ADC Sum

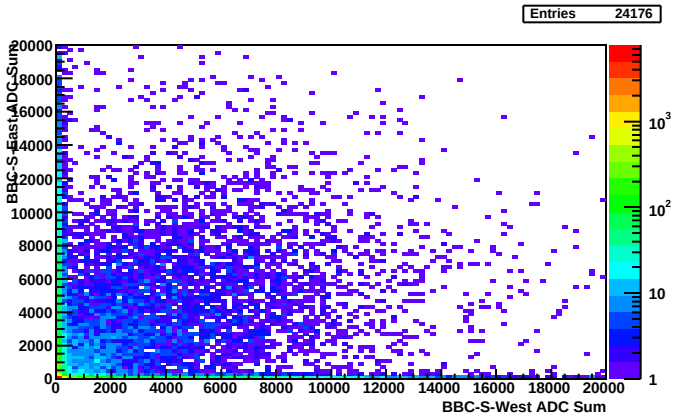

Entries 24176
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

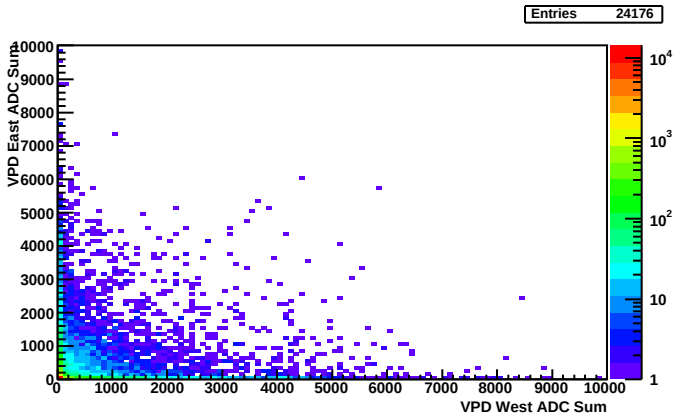

Entries 24176
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

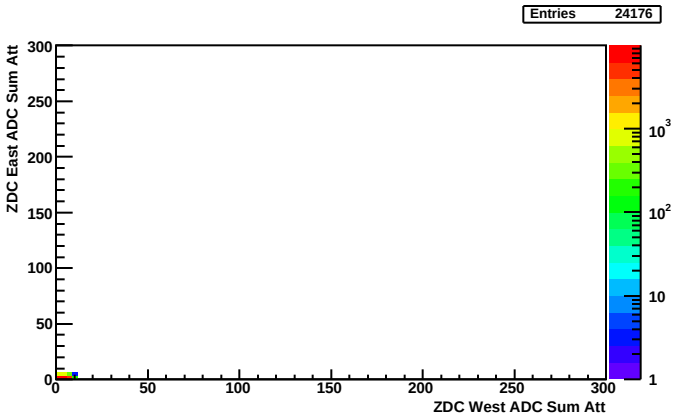

Entries 24176
VPD-East ADC Sum
ZDC-East ADC Sum Att

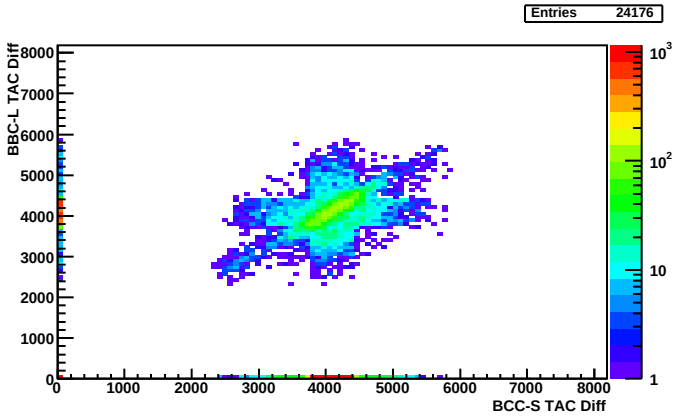

Entries 24176
VPD-West ADC Sum
ZDC-West ADC Sum Att

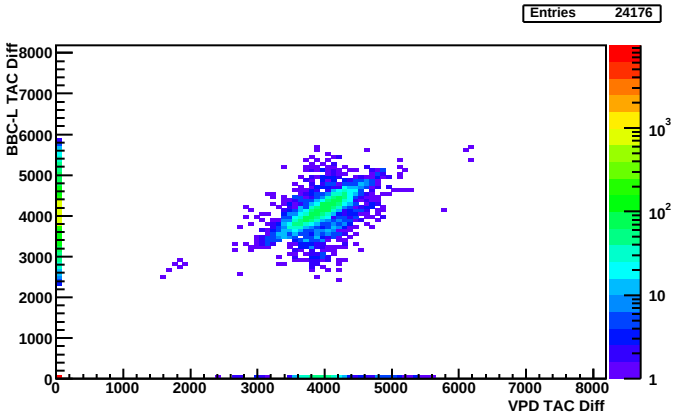

Entries 24176
BBC-L-East ADC Sum
BBC-L-West ADC Sum

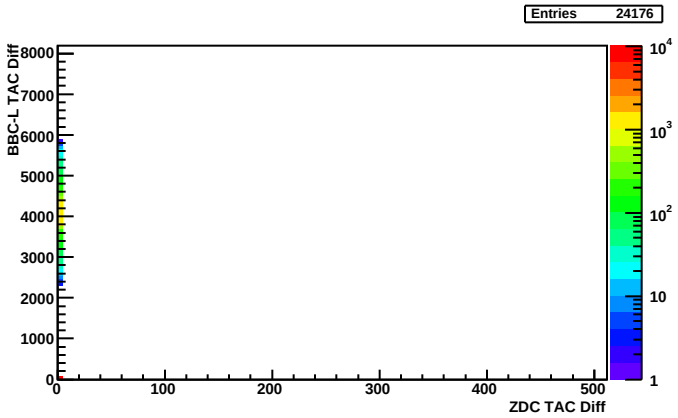

Entries 24176
BBC-S-East ADC Sum
BBC-S-West ADC Sum

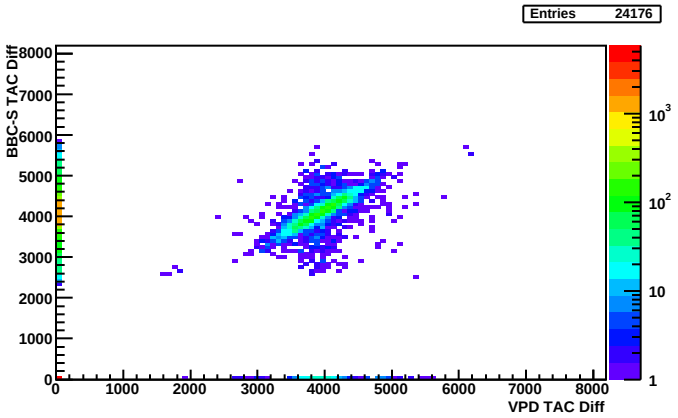

Entries 24176
VPD East ADC Sum
VPD West ADC Sum


Entries 24176
ZDC East ADC Sum Att
ZDC West ADC Sum Att


Entries 24176
BBC-L TAC Diff
BCC-S TAC Diff


Entries 24176
BBC-L TAC Diff
VPD TAC Diff


Entries 24176
BBC-L TAC Diff
ZDC TAC Diff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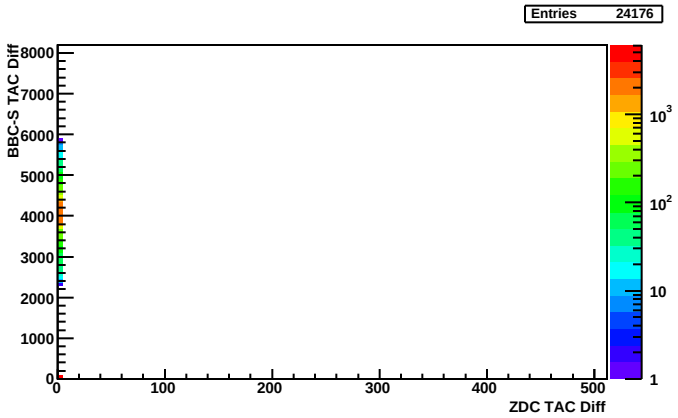
BBC-S TAC Diff
VPD TAC Diff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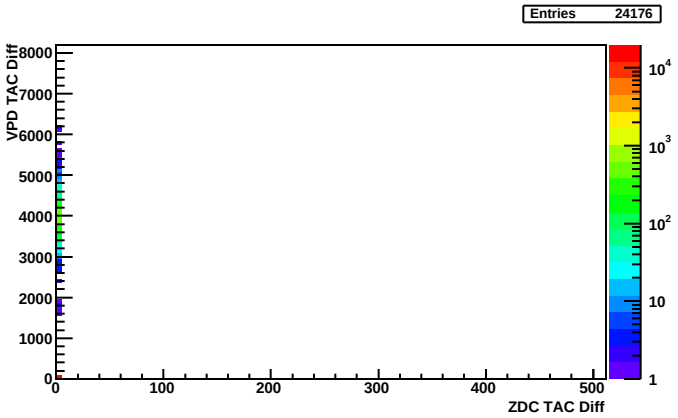
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VPD TAC Diff
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