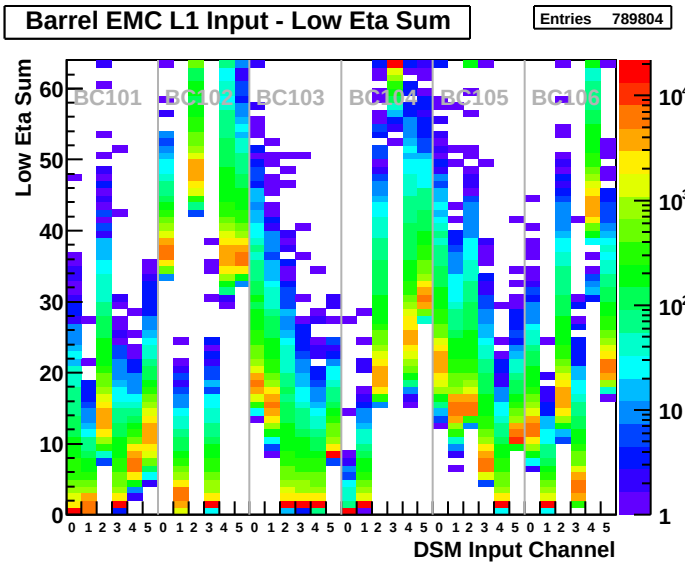
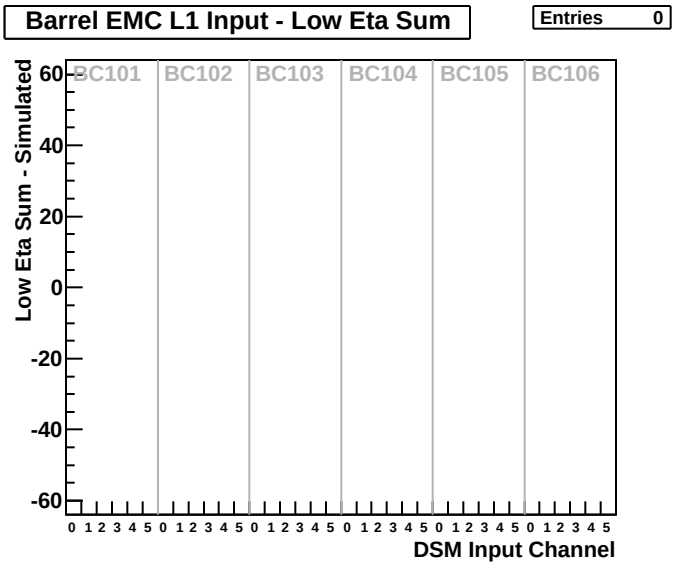
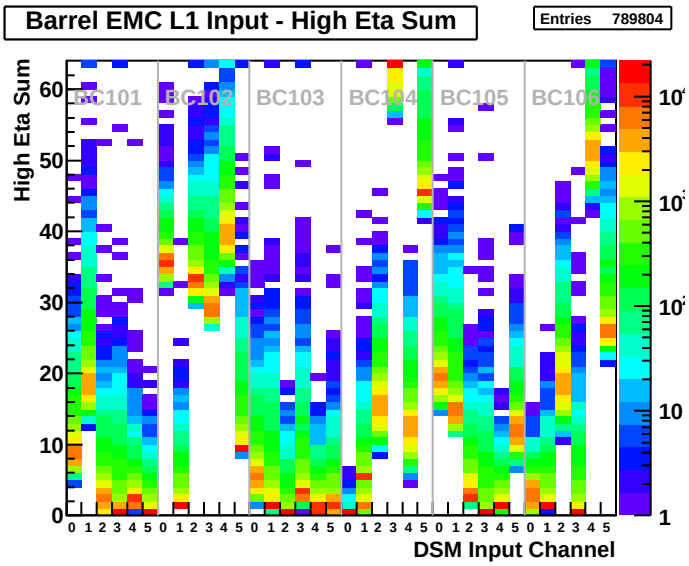
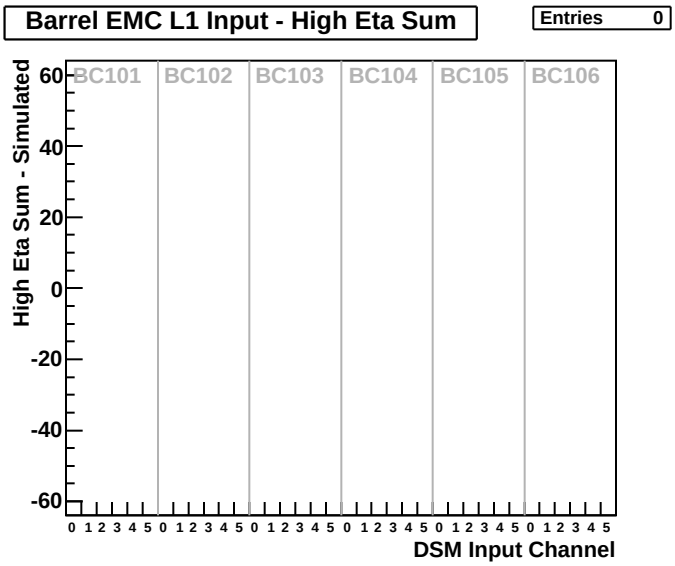
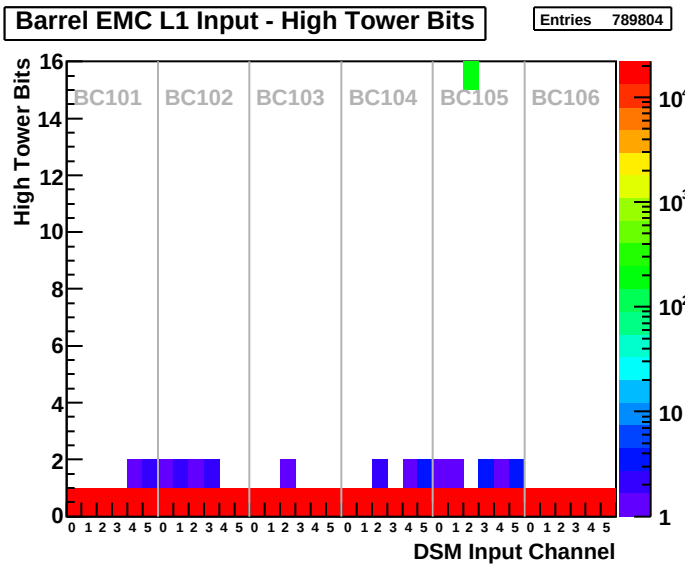
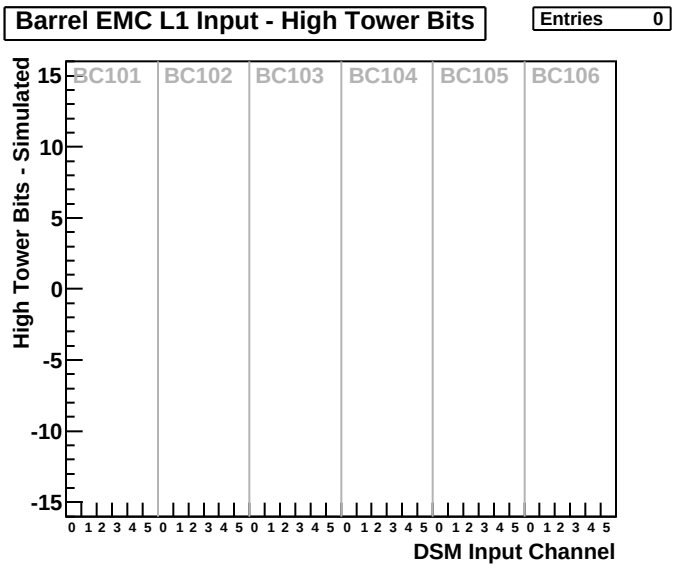

Barrel EMC L1 Input - Low Eta Sum
Entries 789804
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

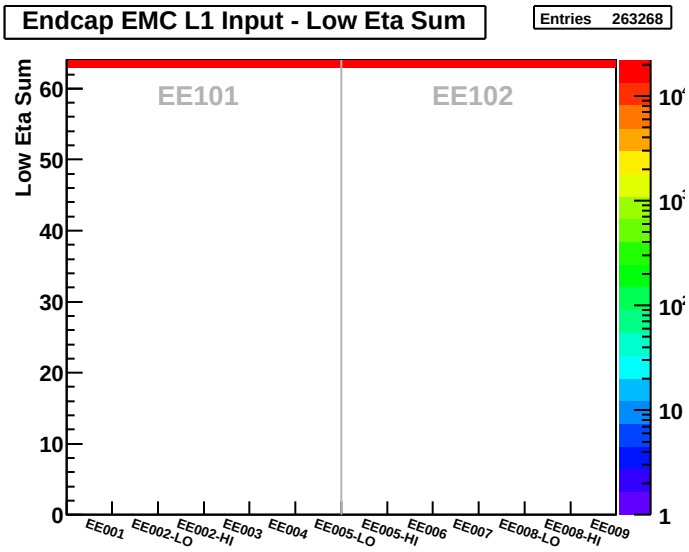

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

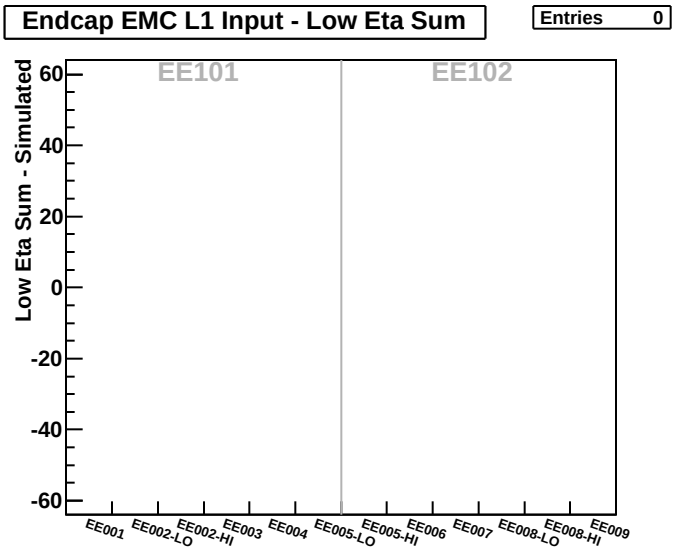

Barrel EMC L1 Input - High Eta Sum
Entries 789804
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

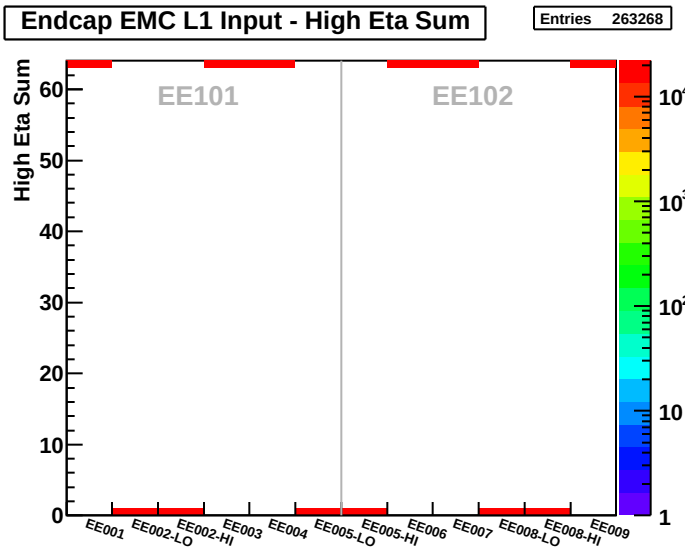

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

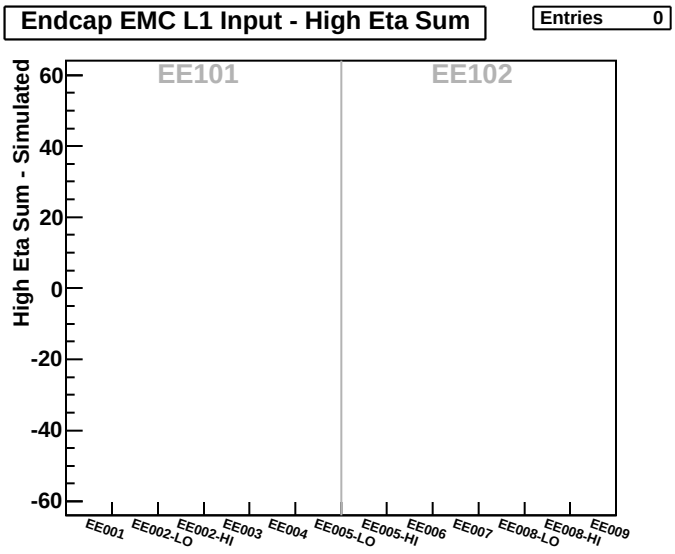

Barrel EMC L1 Input - High Tower Bits
Entries 789804
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

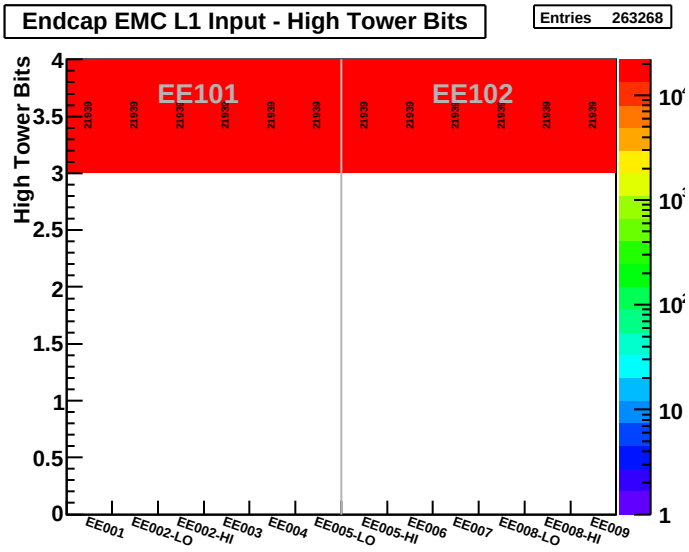

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

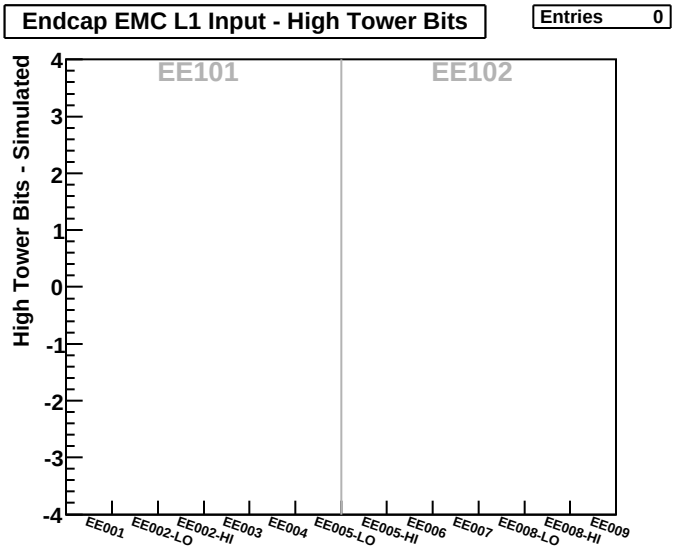

Endcap EMC L1 Input - Low Eta Sum
Entries 263268
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

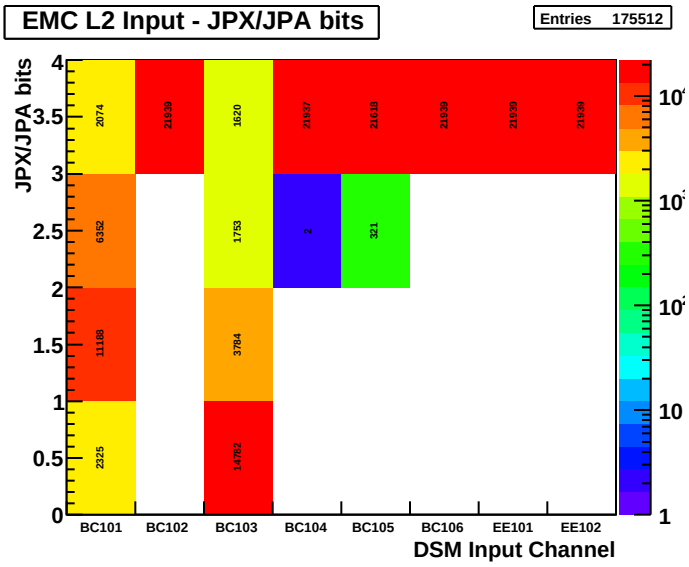

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

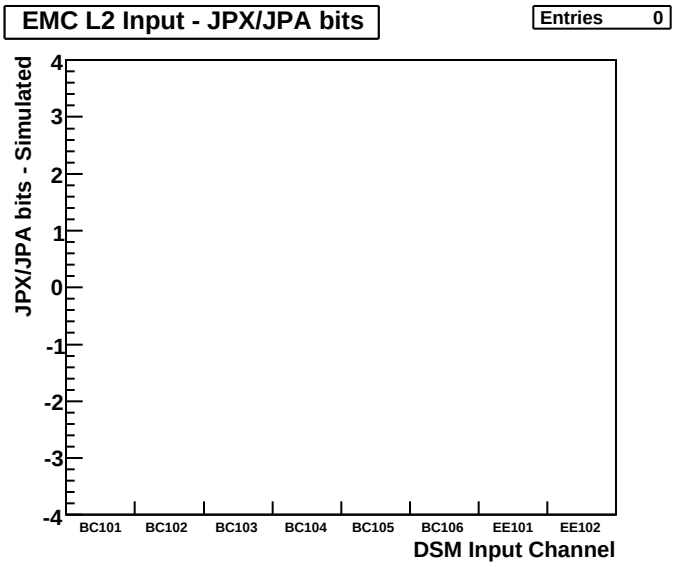

Endcap EMC L1 Input - High Eta Sum
Entries 263268
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

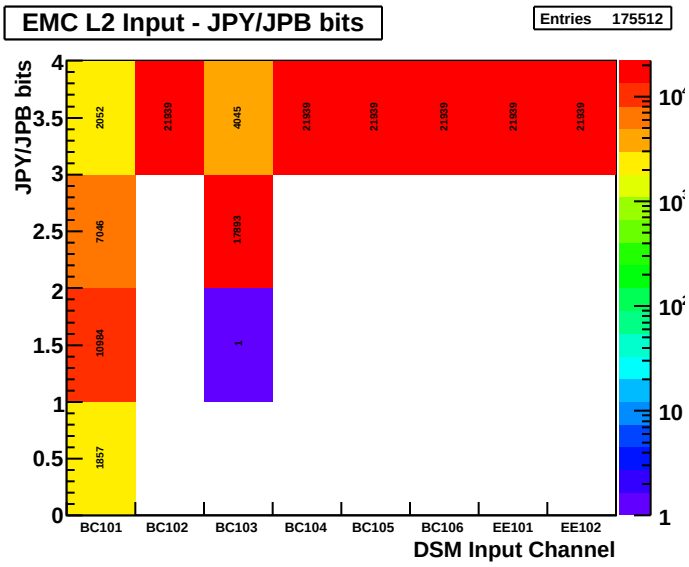

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

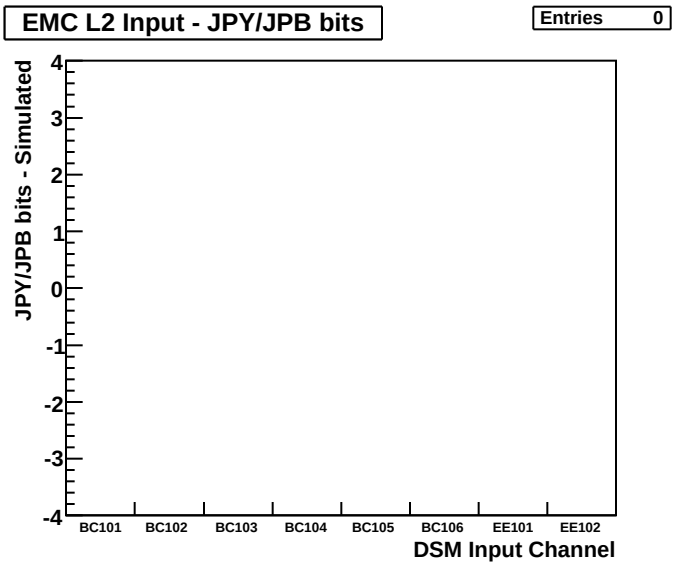

Endcap EMC L1 Input - High Tower Bits
Entries 263268
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

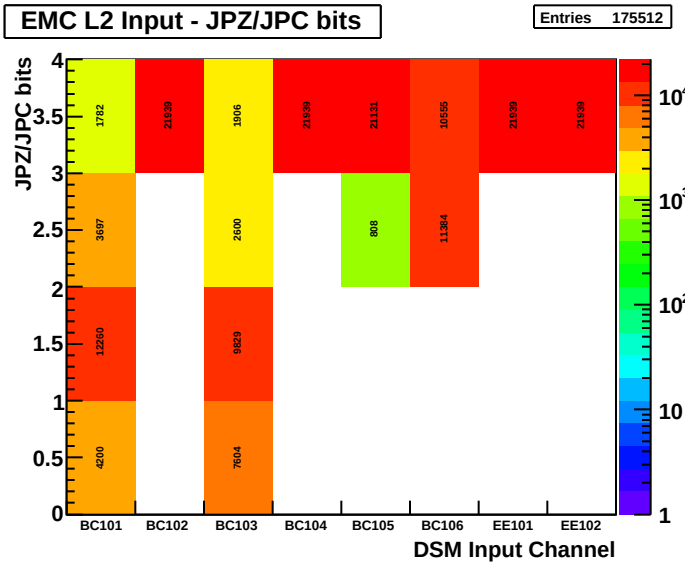

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

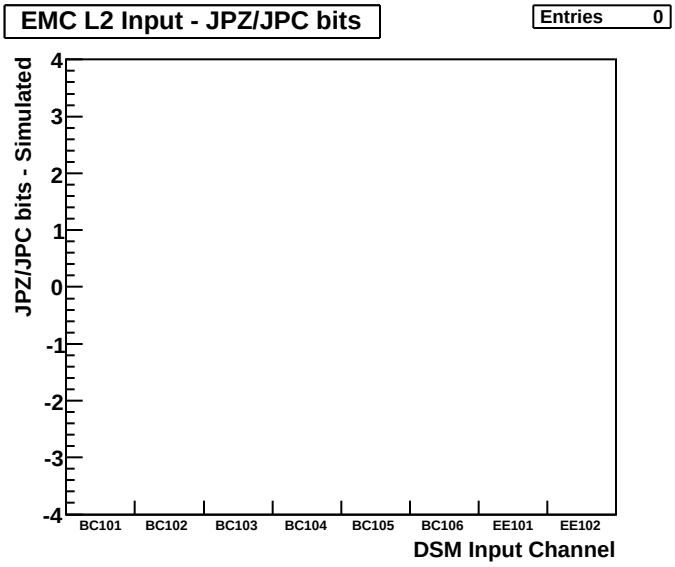

EMC L2 Input - JPX/JPA bits
Entries 175512
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2074 21939 1620 21937 21618 21939 21939 21939
6352 1753 2 321
11188 3784
2325 14782

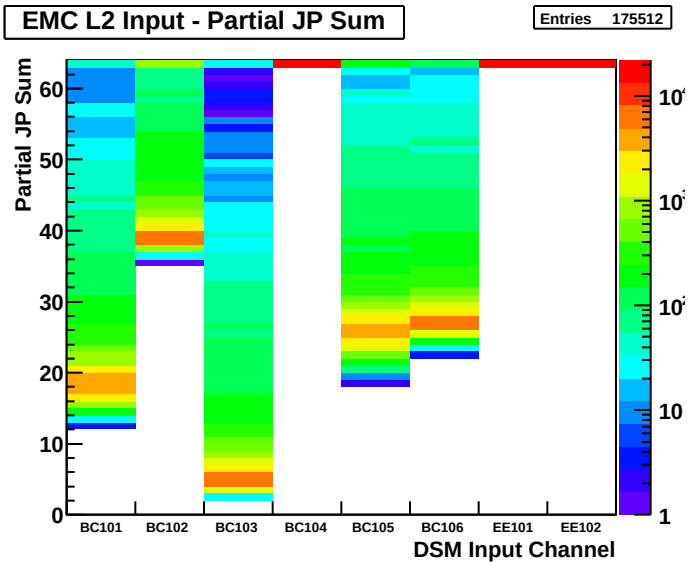

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

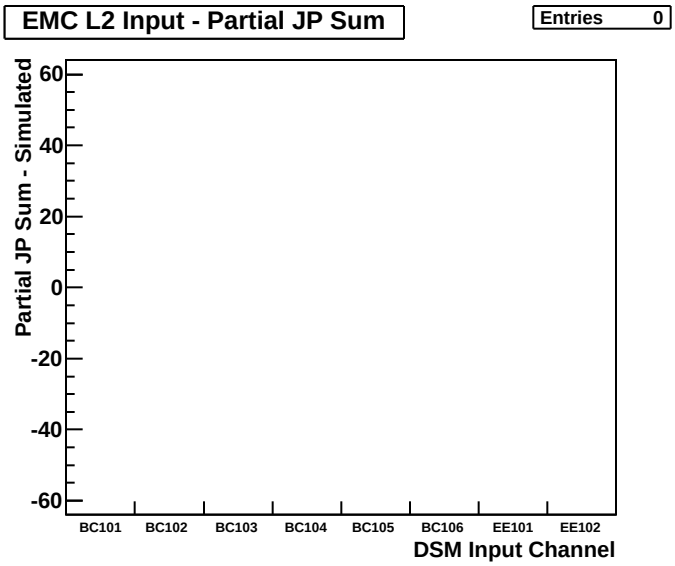

EMC L2 Input - JPY/JPB bits
Entries 175512
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2052 21939 4045 21939 21939 21939 21939 21939
7046 17693
10984 1
1857

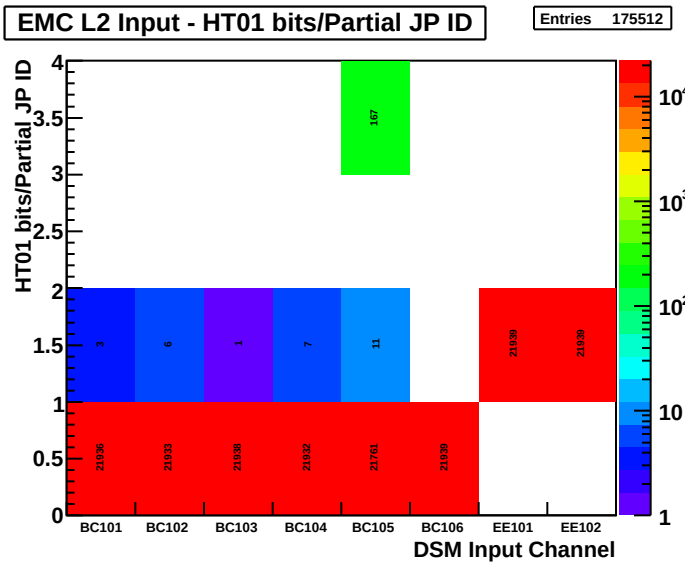

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

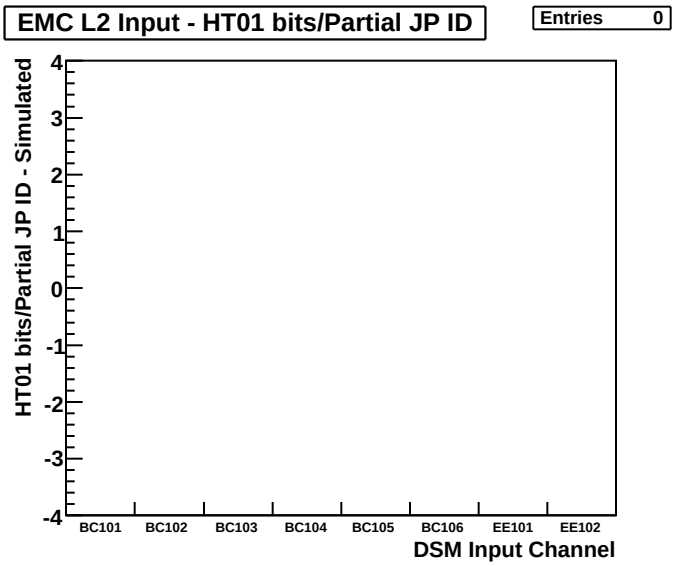

EMC L2 Input - JPZ/JPC bits
Entries 175512
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
1782 21939 1906 21939 2131 10555 21939 21939
3697 2600 808 11384
12260 9829
4200 7604

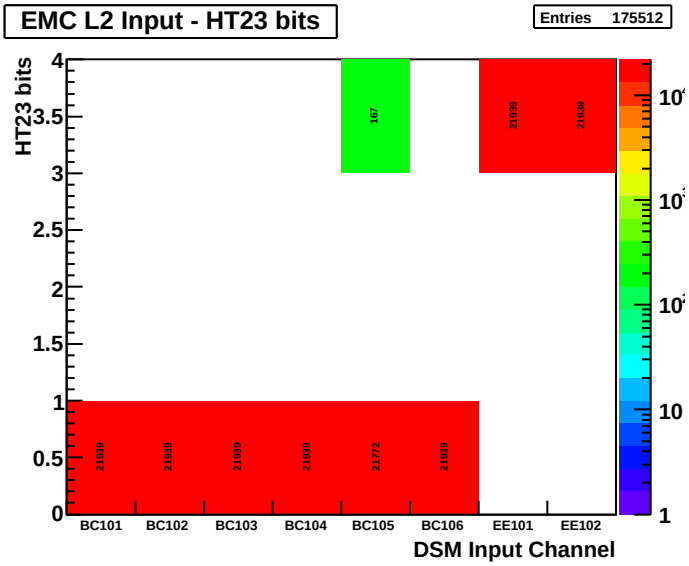

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

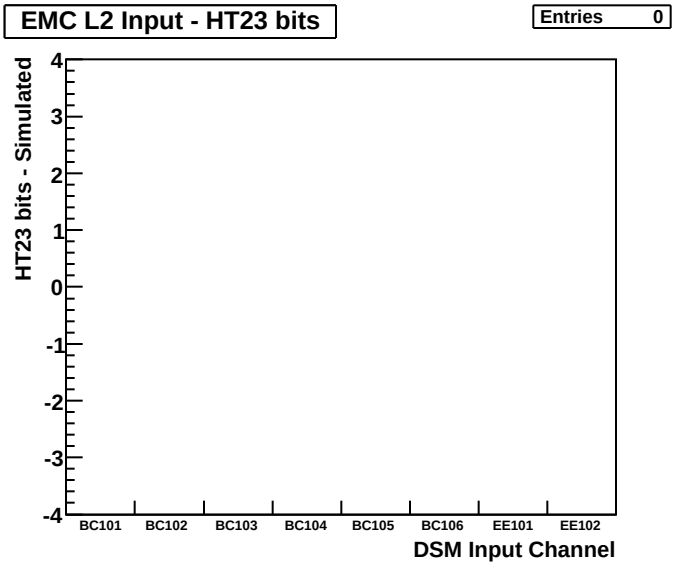

EMC L2 Input - Partial JP Sum
Entries 175512
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

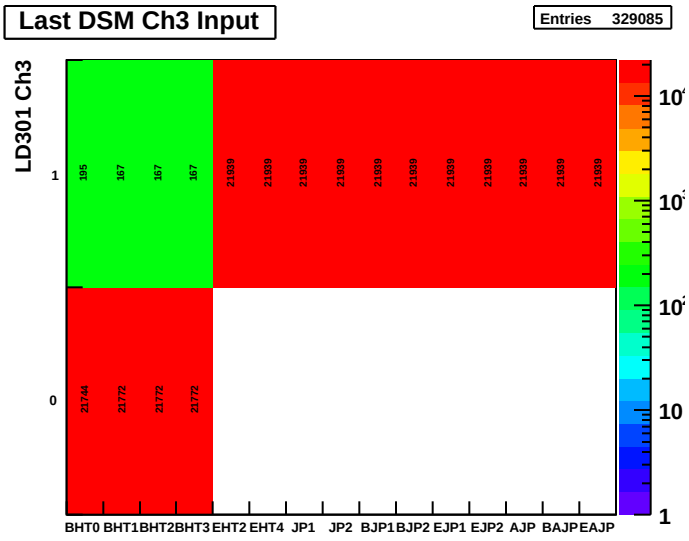

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

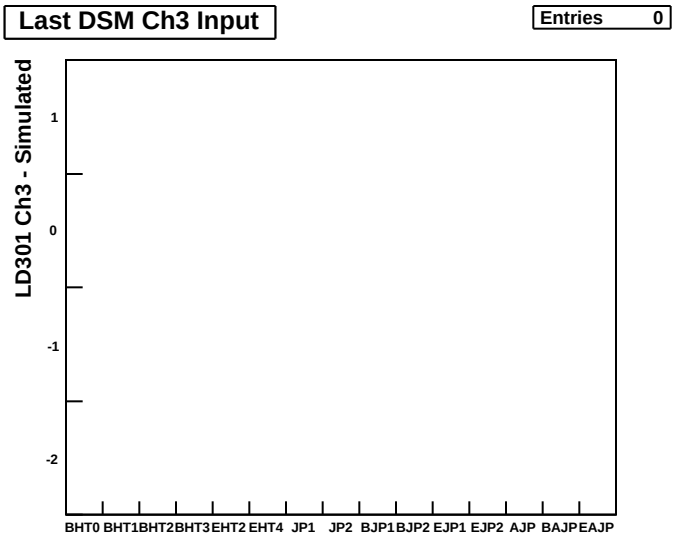

EMC L2 Input - HT01 bits/Partial JP ID
Entries 175512
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

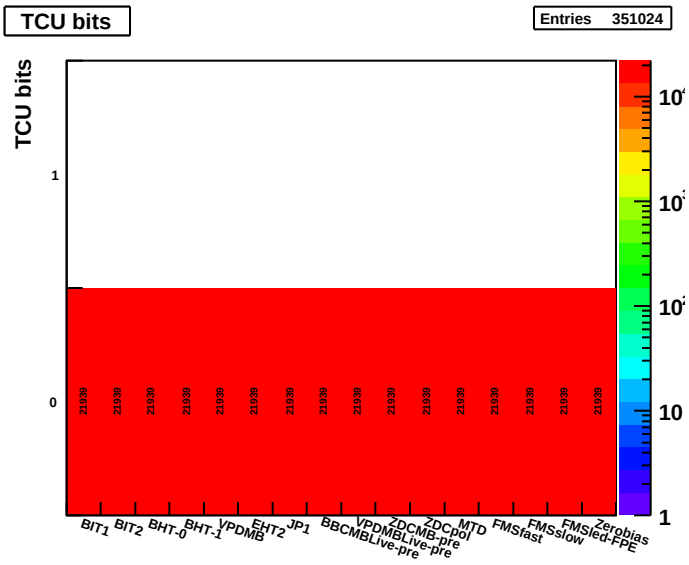

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

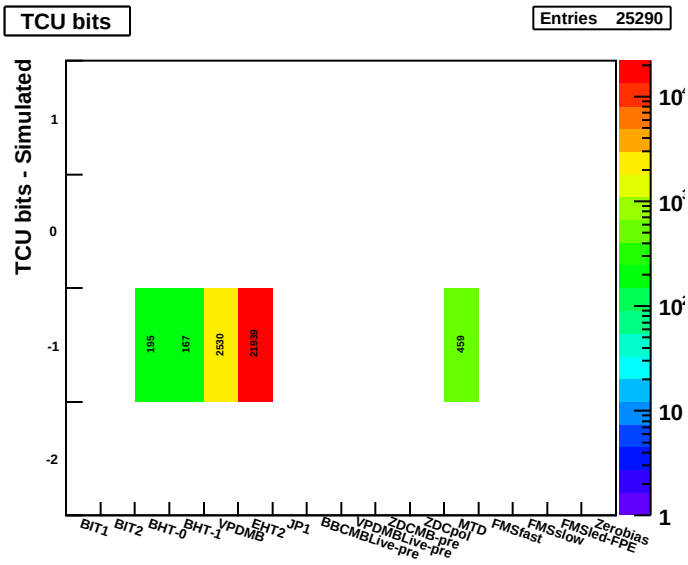

EMC L2 Input - HT23 bits
Entries 175512
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

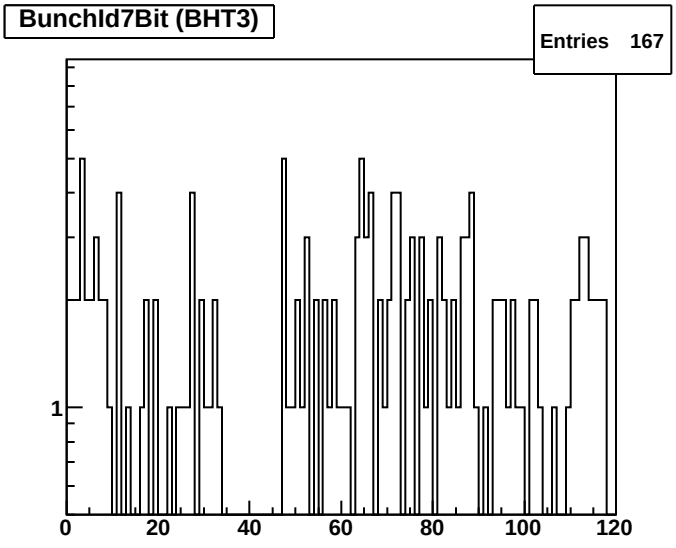

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

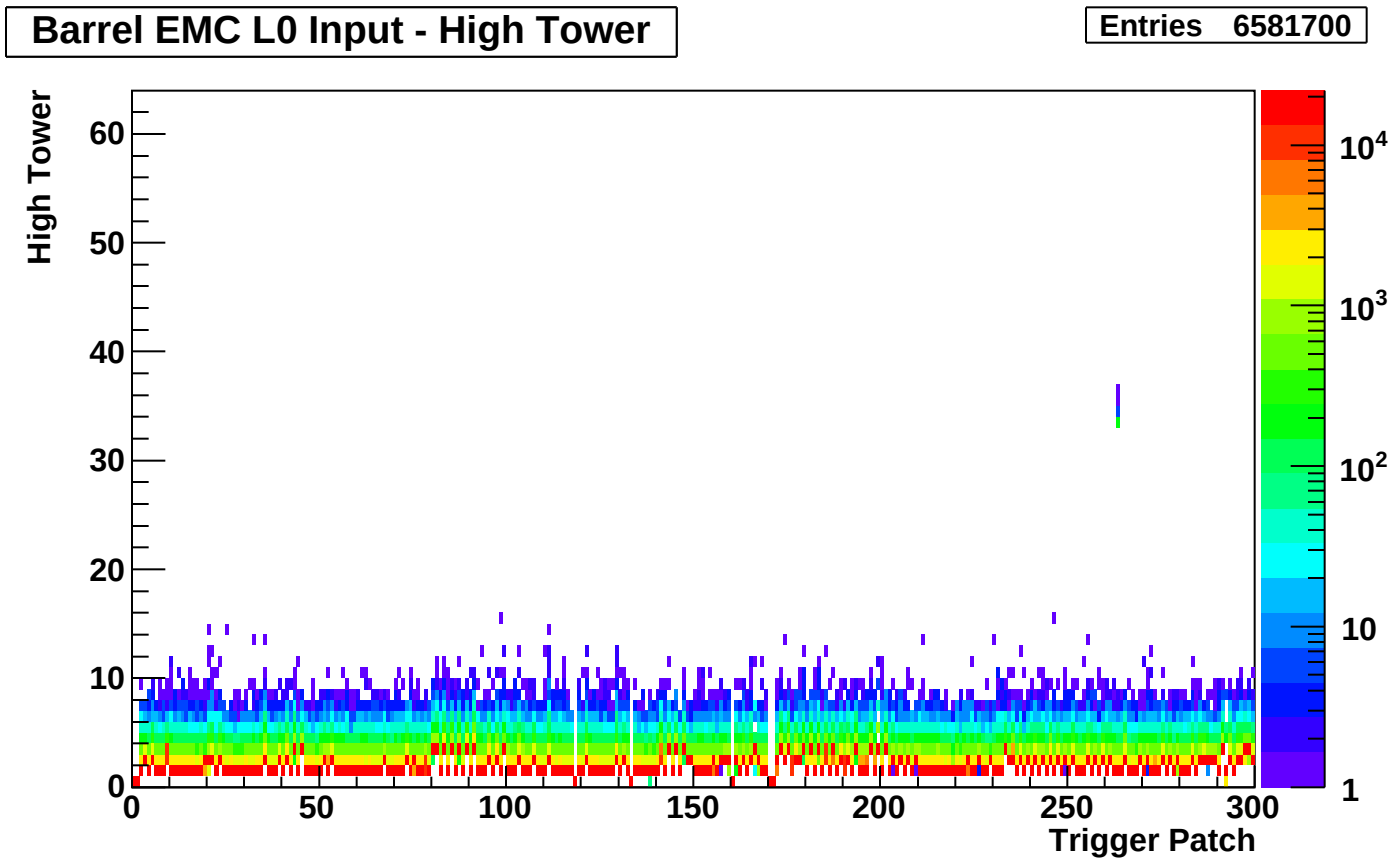

Last DSM Ch3 Input
Entries 329085
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

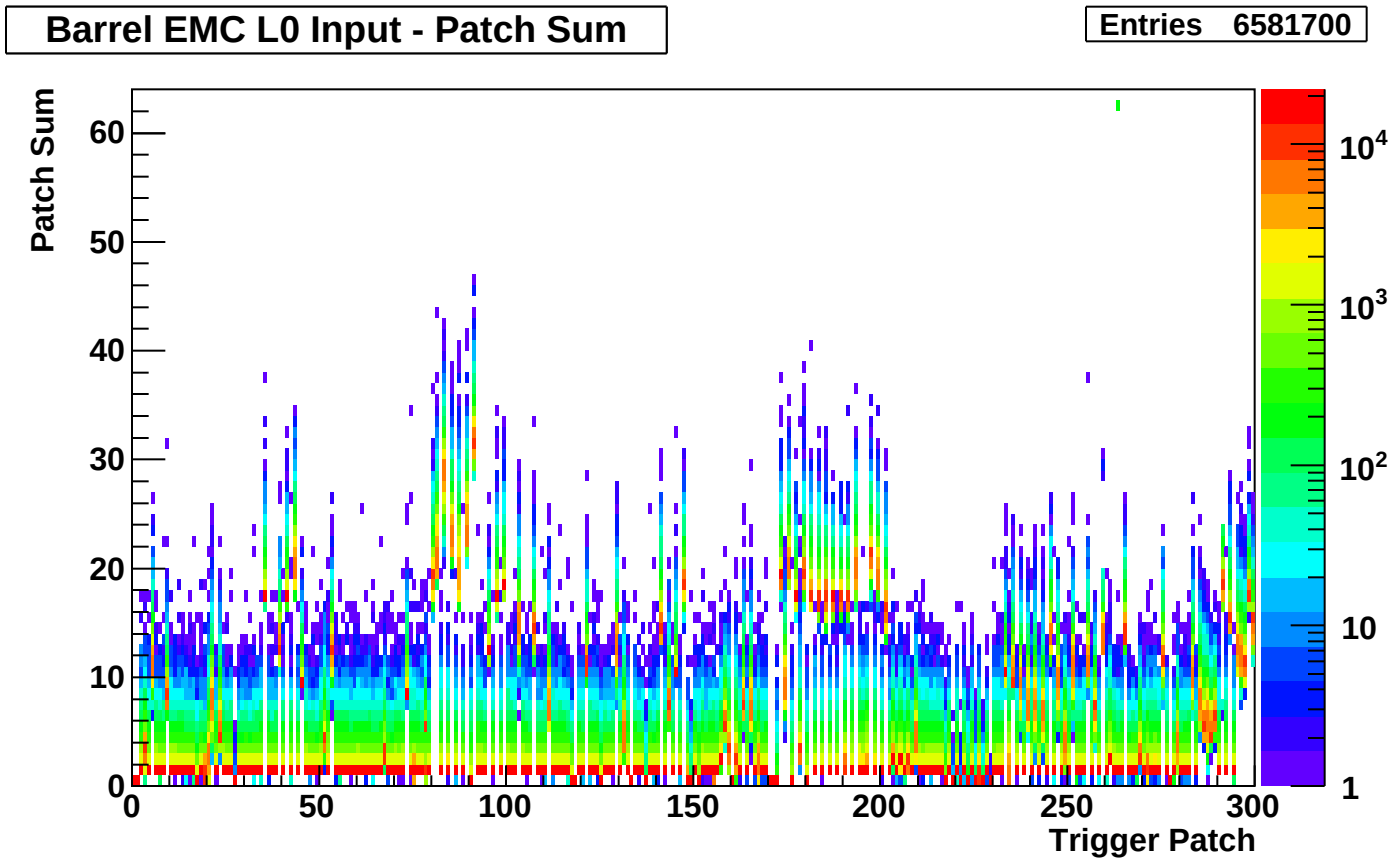

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

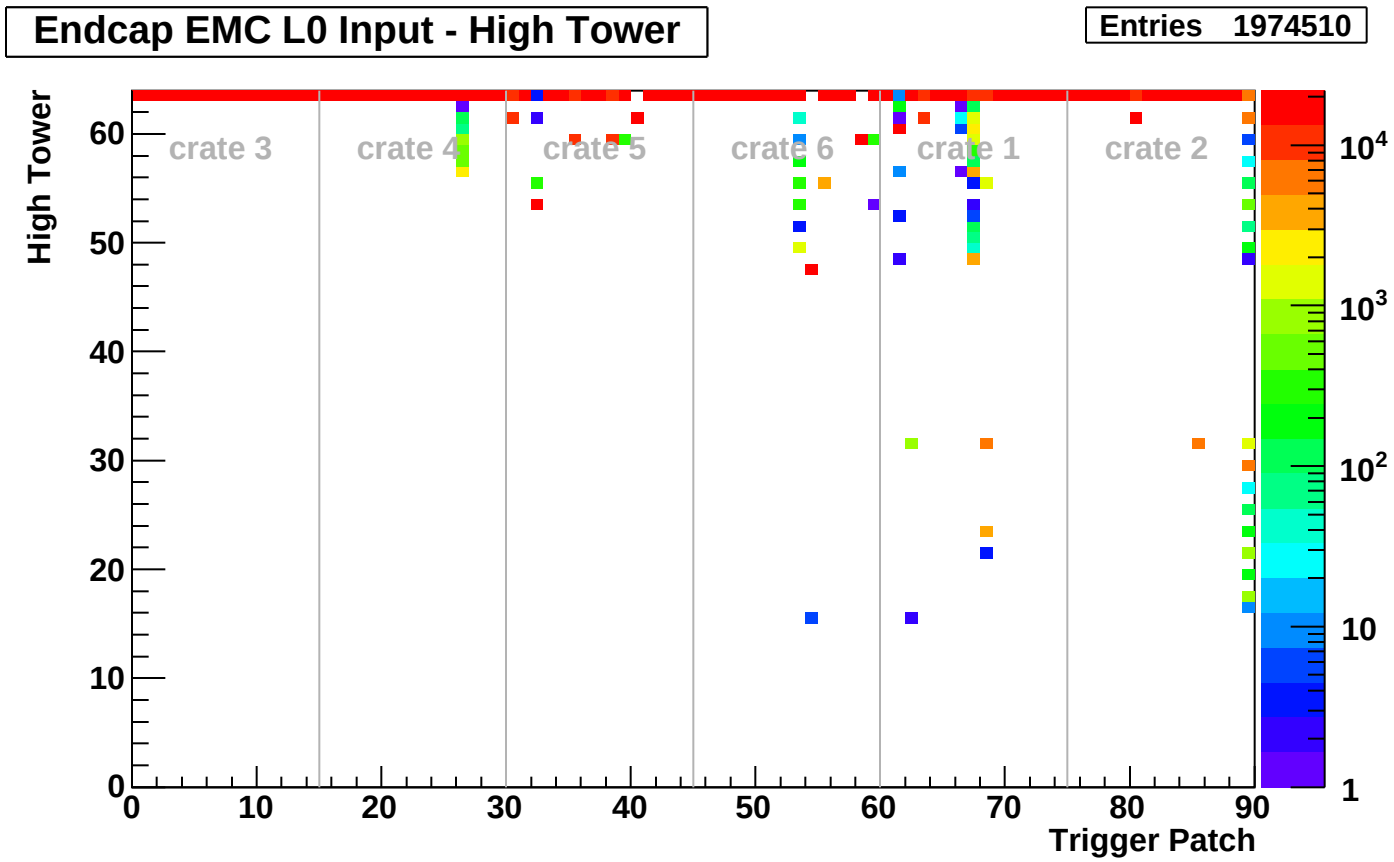

TCU bits
Entries 351024
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

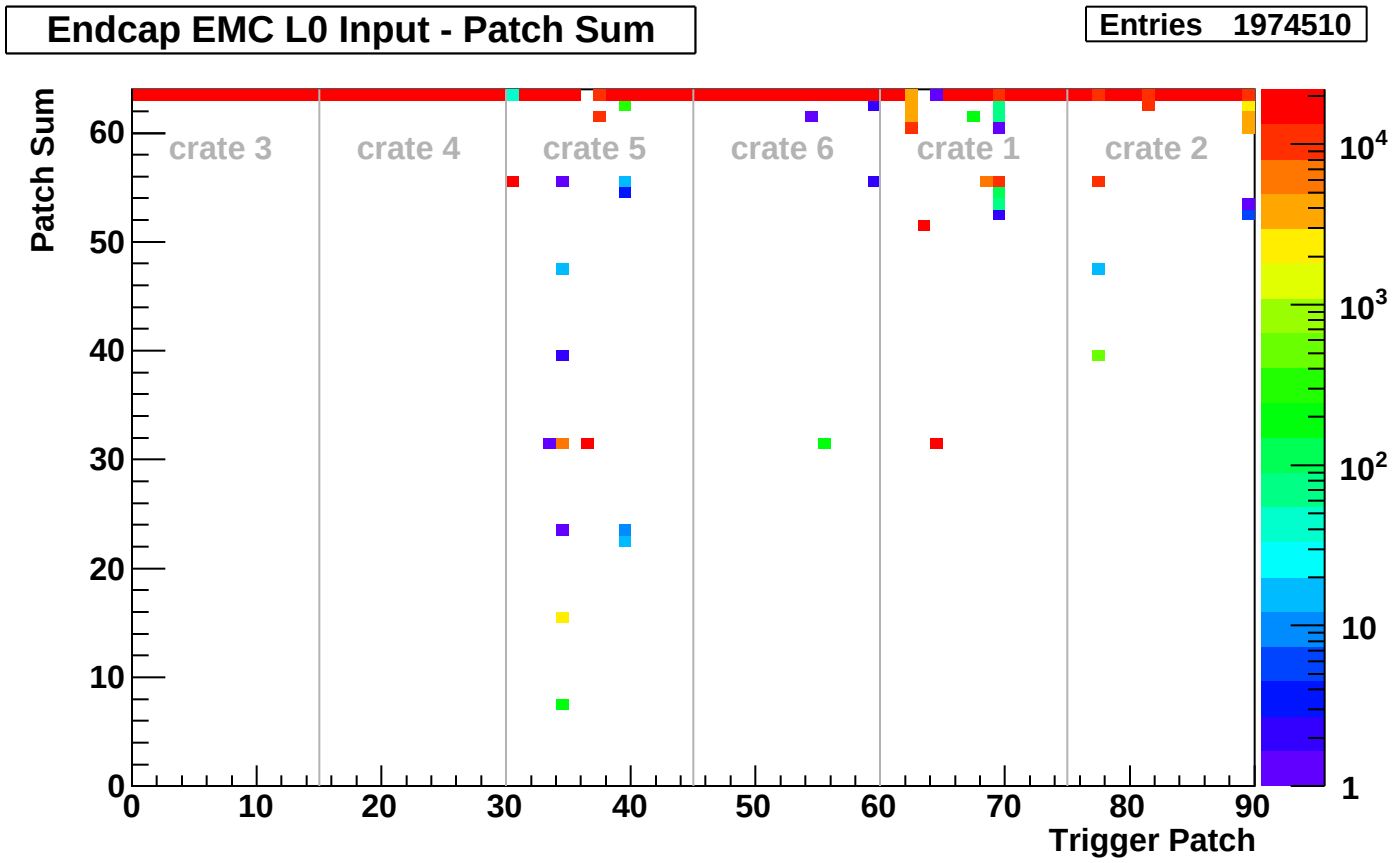

TCU bits
Entries 25290
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

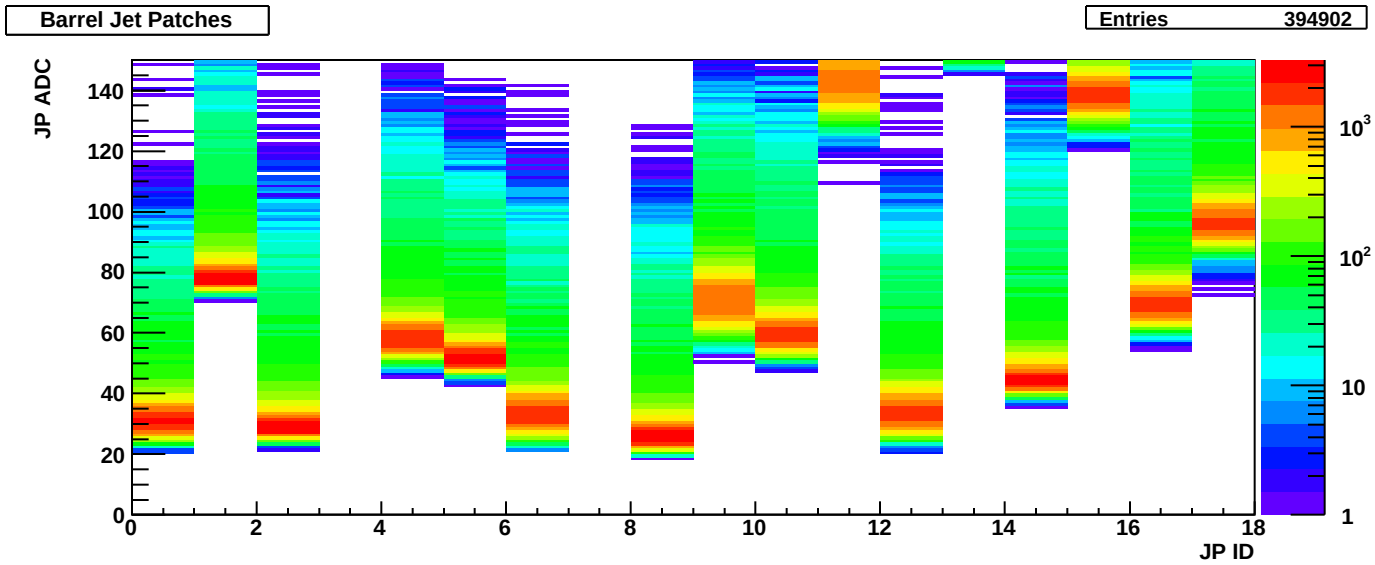

BunchId7Bit (BHT3)
Entries 167
0 20 40 60 80 100 120

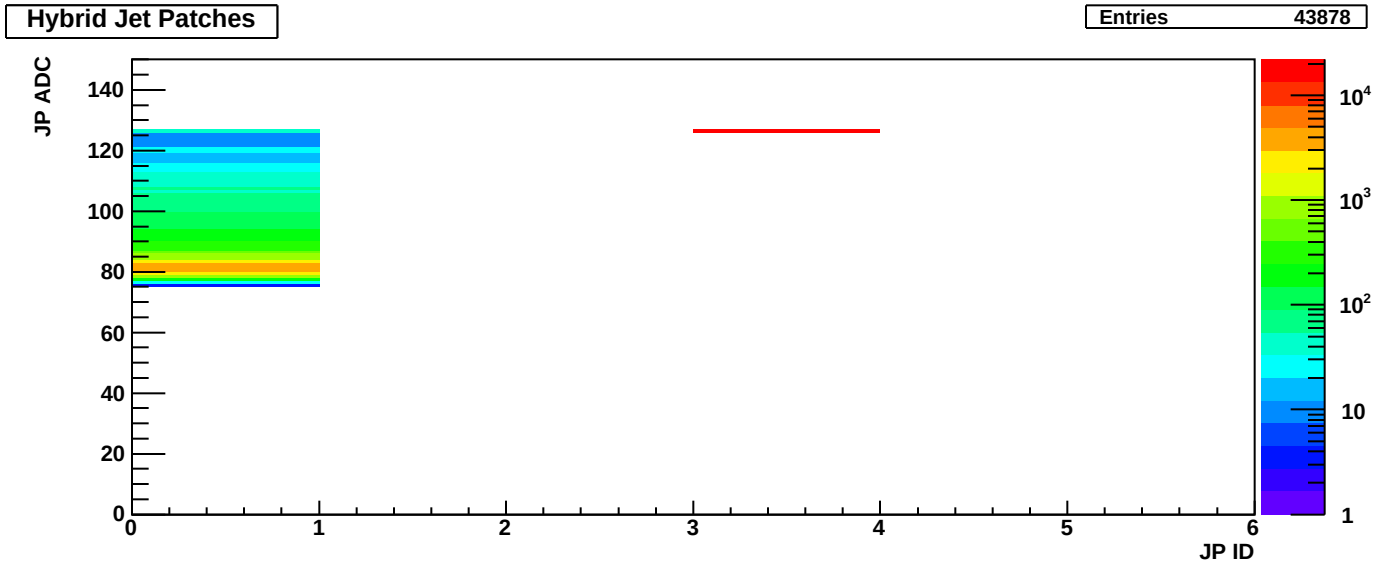

Barrel EMC L0 Input - High Tower
Entries 6581700
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

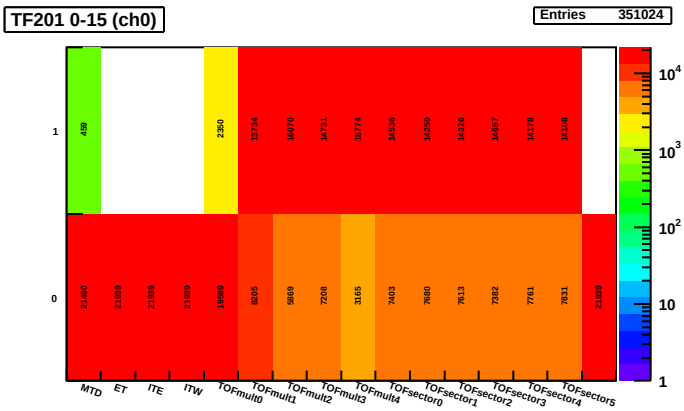

Barrel EMC L0 Input - Patch Sum
Entries 6581700
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

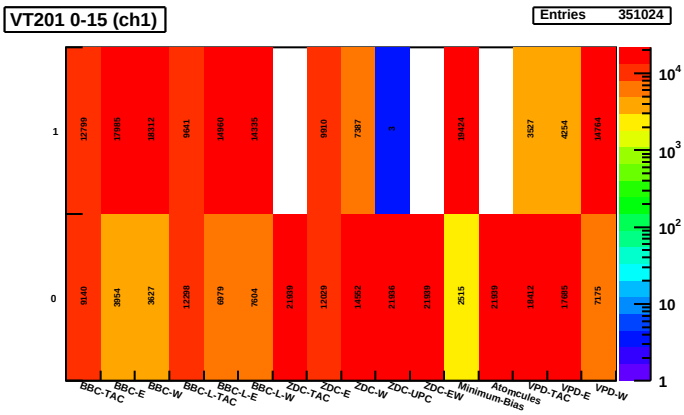

Endcap EMC L0 Input - High Tower
Entries 1974510
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

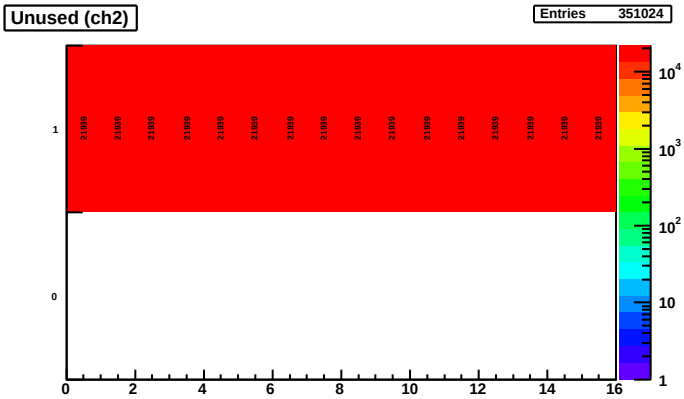

Endcap EMC L0 Input - Patch Sum
Entries 1974510
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

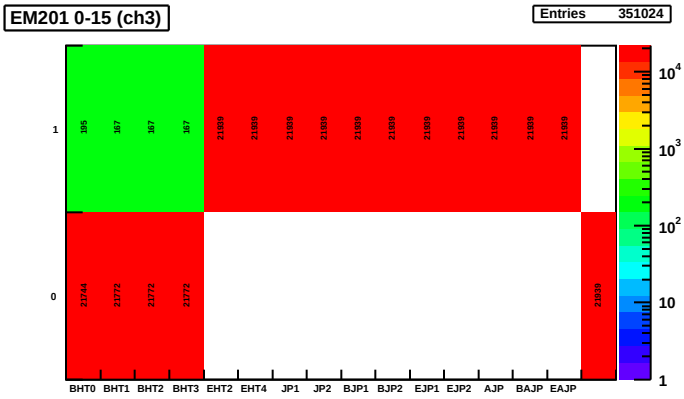

Barrel Jet Patches
Entries 394902
JP ADC
JP ID

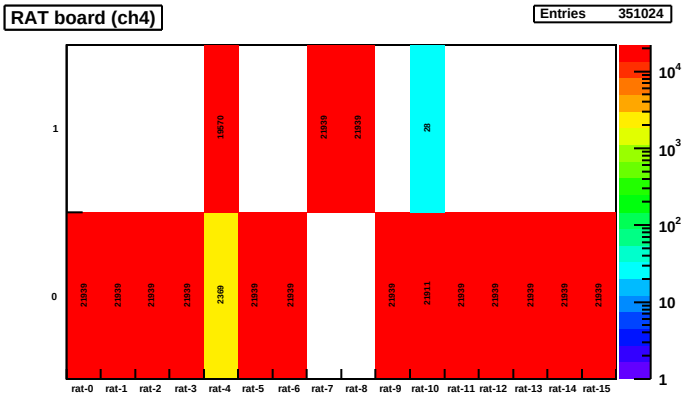

Hybrid Jet Patches
Entries 43878
JP ADC
JP ID

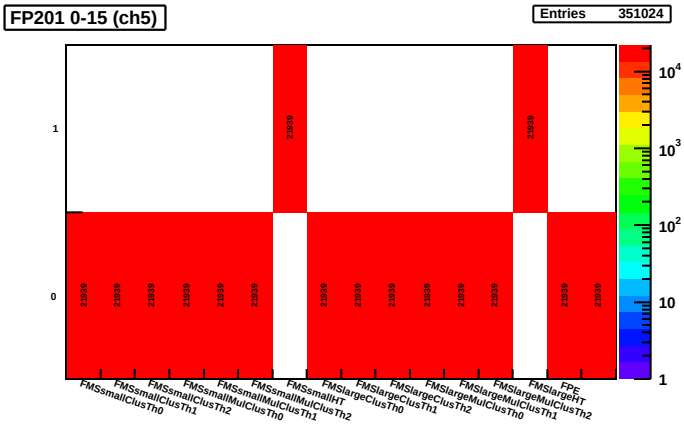

TF201 0-15 (ch0)
Entries 351024
MTD ET ITE ITW TOFmult0 TOFmult1 TOFmult2 TOFmult3 TOFmult4 TOFsector0 TOFsector1 TOFsector2 TOFsector3 TOFsector4 TOFsector5

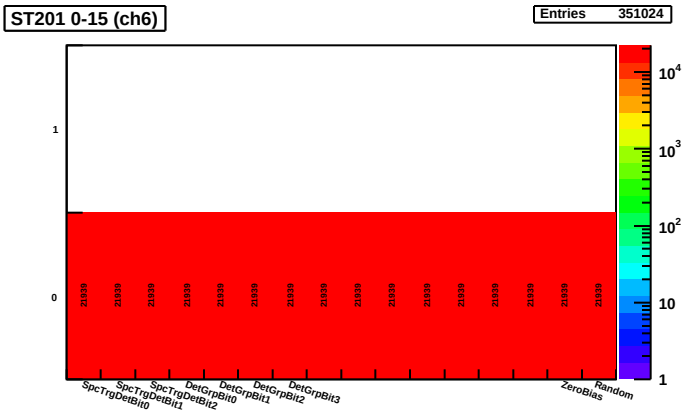

VT201 0-15 (ch1)
Entries 351024
BBC-TAC BBC-E BBC-W BBC-L-TAC BBC-L-E BBC-L-W ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW Minimum-Bias Atomcules VPD-TAC VPD-E VPD-W

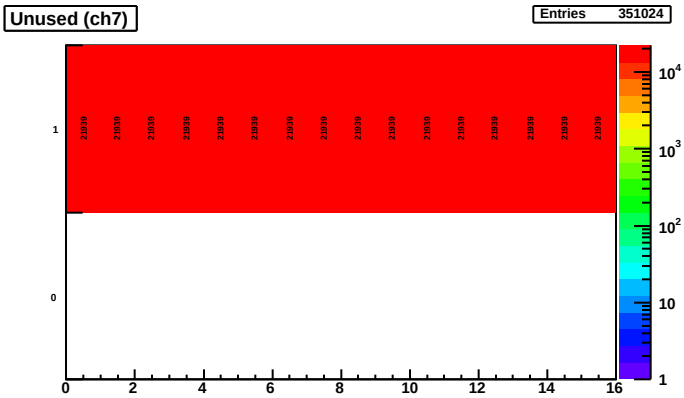

Unused (ch2)
Entries 351024

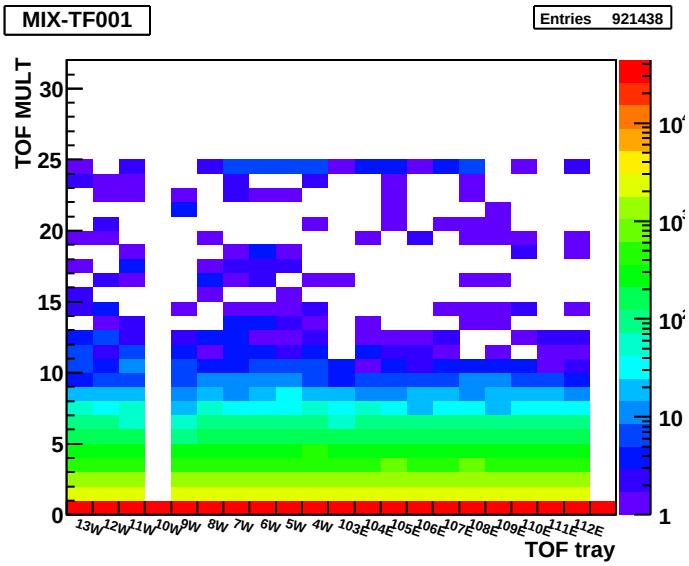

EM201 0-15 (ch3)
Entries 351024
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

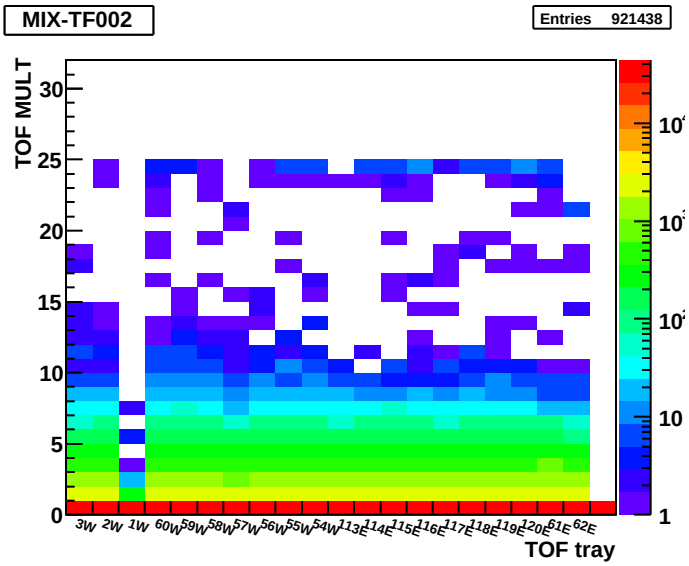

RAT board (ch4)
Entries 351024
rat-0 rat-1 rat-2 rat-3 rat-4 rat-5 rat-6 rat-7 rat-8 rat-9 rat-10 rat-11 rat-12 rat-13 rat-14 rat-15

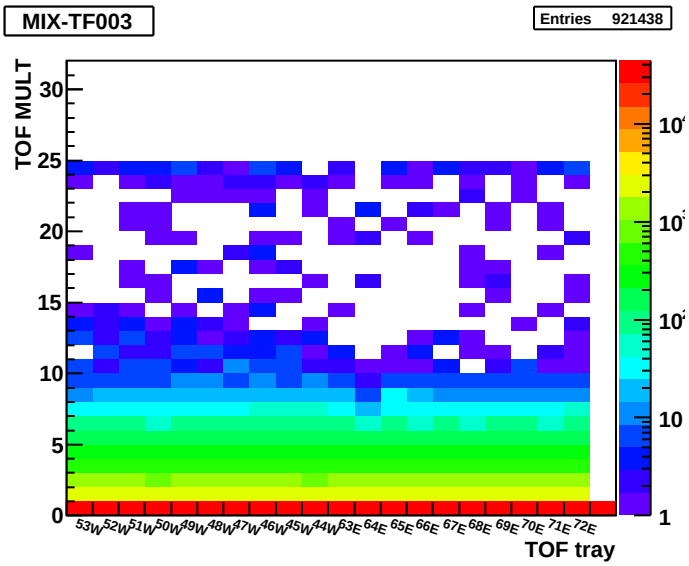

FP201 0-15 (ch5)
Entries 351024
FMSsmallClusTh0 FMSsmallClusTh1 FMSsmallClusTh2 FMSsmallMulClusTh0 FMSsmallMulClusTh1 FMSsmallMulClusTh2 FMSsmallHT FMSlargeClusTh0 FMSlargeClusTh1 FMSlargeClusTh2 FMSlargeMulClusTh0 FMSlargeMulClusTh1 FMSlargeMulClusTh2 FMSlargeHT FPE

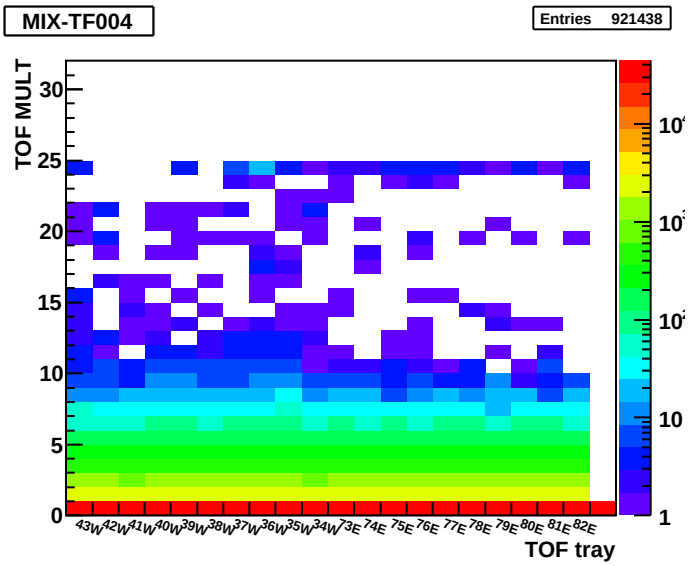

ST201 0-15 (ch6)
Entries 351024
SpcTrgDetBit0 SpcTrgDetBit1 SpcTrgDetBit2 DetCrpBit0 DetCrpBit1 DetCrpBit2 DetCrpBit3 ZeroBias Random

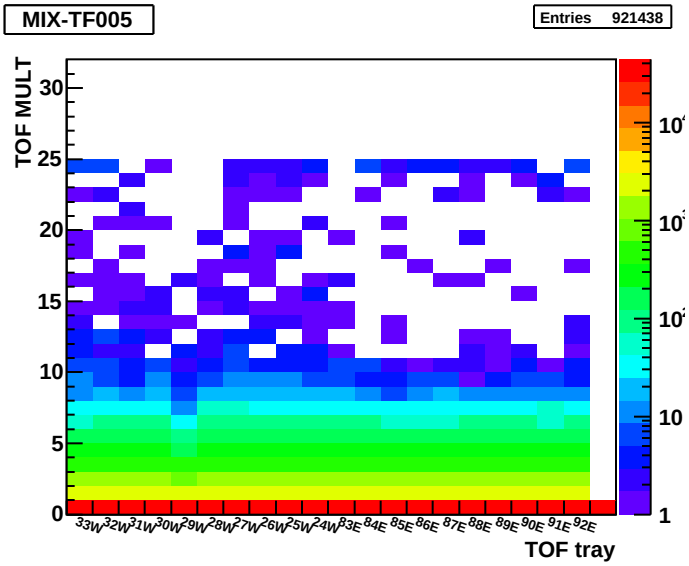

Unused (ch7)
Entries 351024

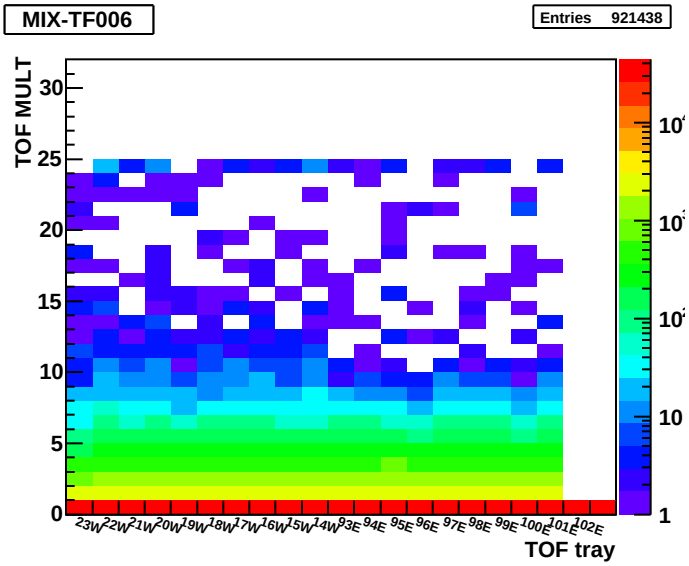

MIX-TF001
Entries 921438
TOF MULT
TOF tray

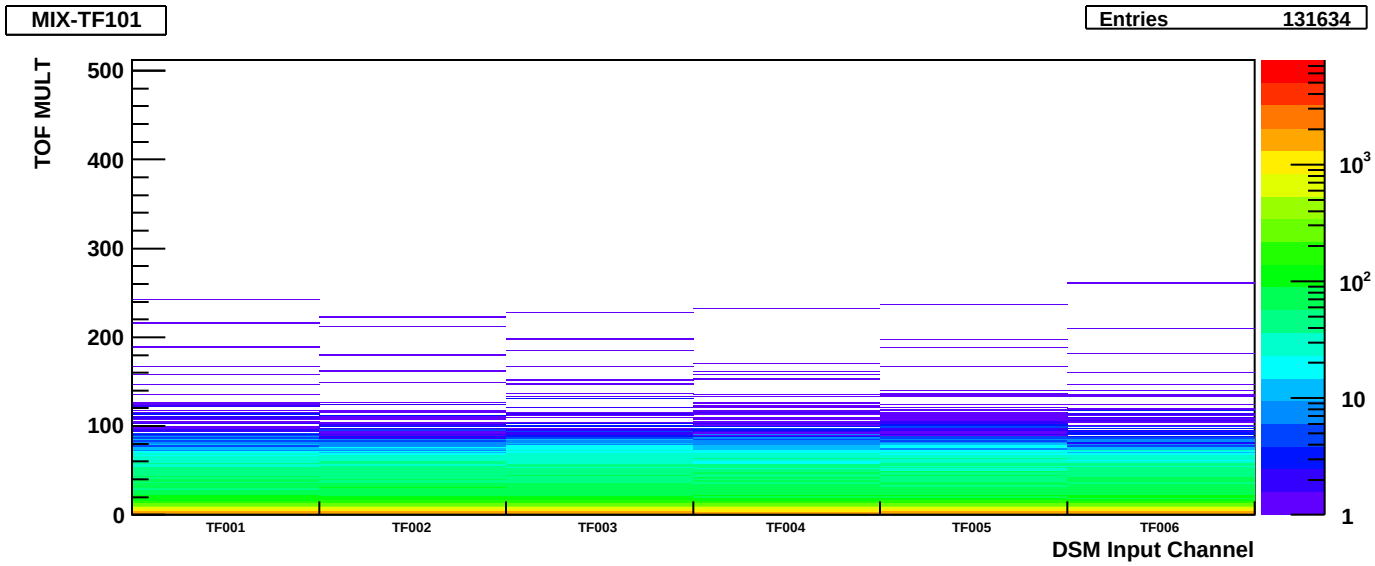

MIX-TF002
Entries 921438
TOF MULT
TOF tray

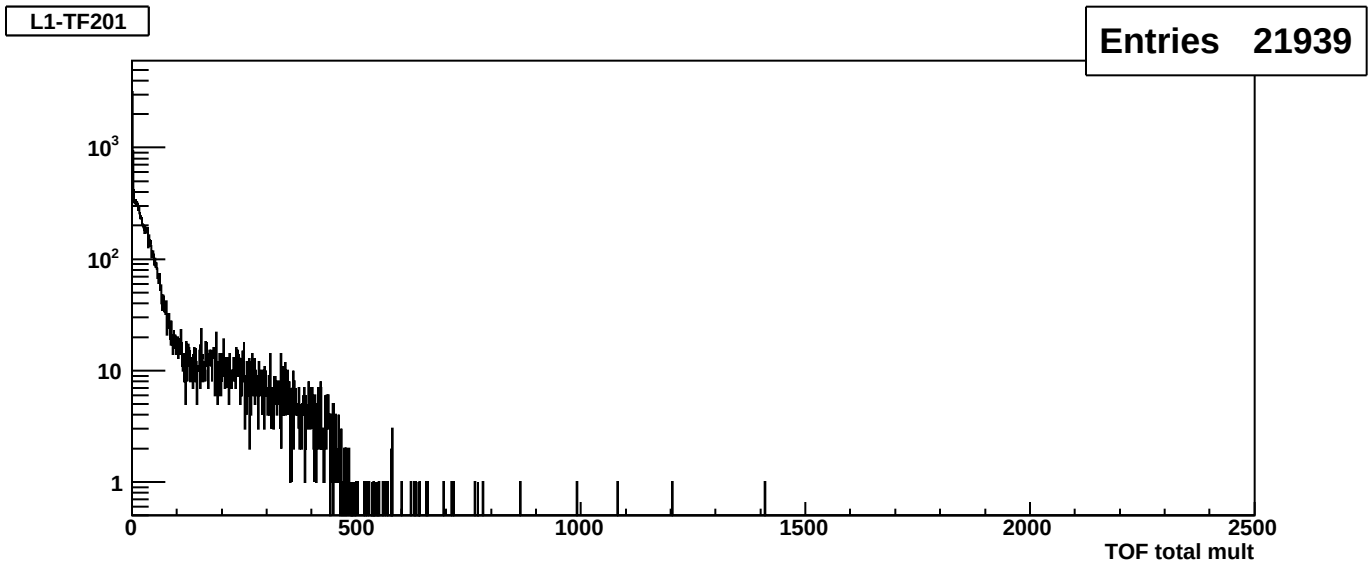

MIX-TF003
Entries 921438
TOF MULT
TOF tray

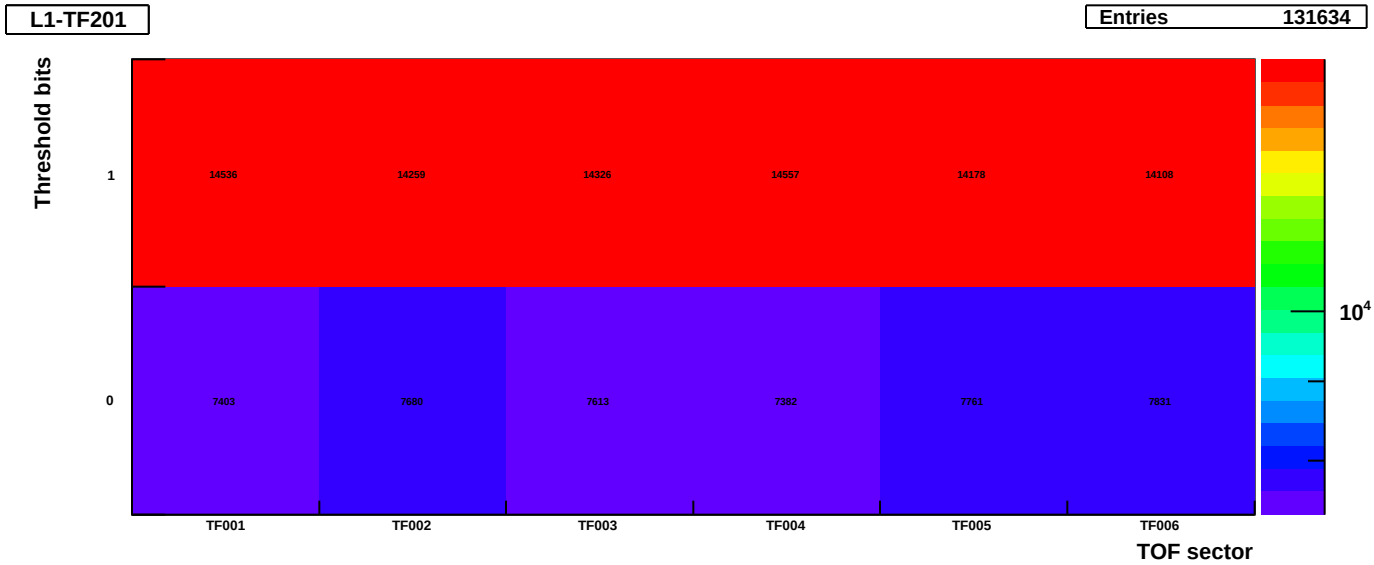

MIX-TF004
Entries 921438
TOF MULT
TOF tray

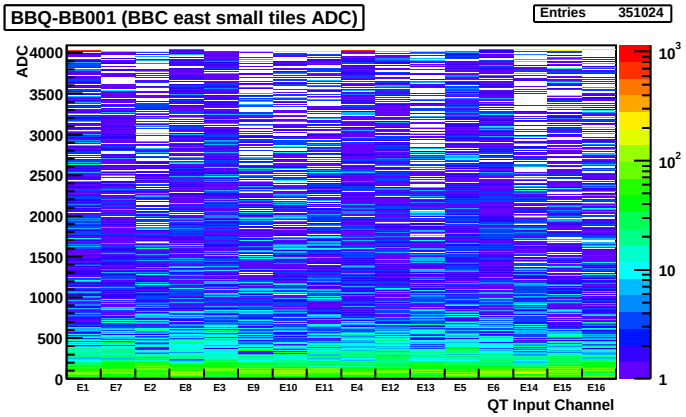

MIX-TF005
Entries 921438
TOF MULT
TOF tray

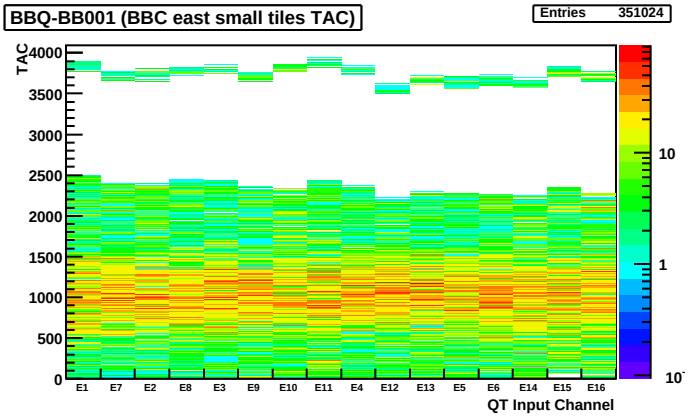

MIX-TF006
Entries 921438
TOF MULT
TOF tray

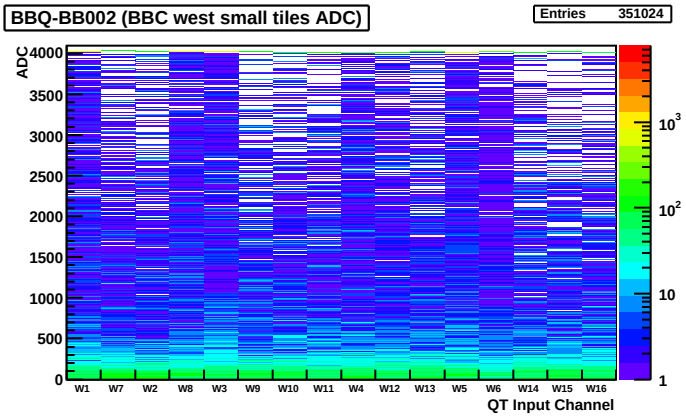

MIX-TF101
Entries 131634
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

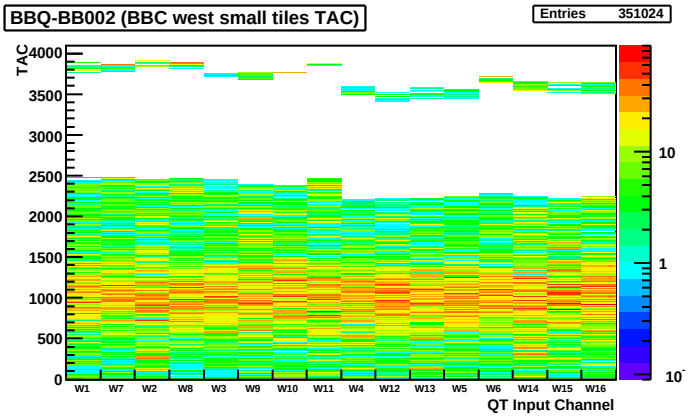

L1-TF201
Entries 21939
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

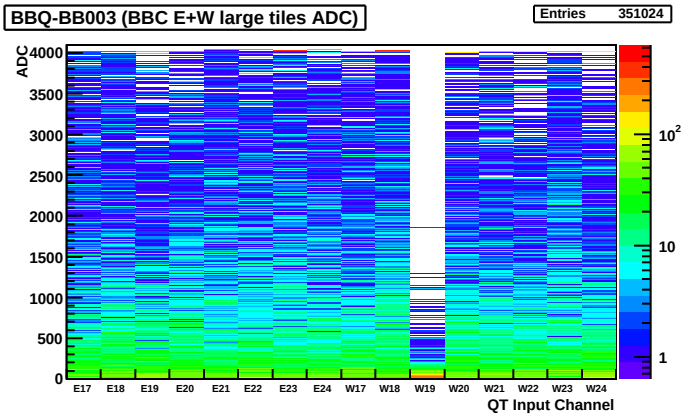

L1-TF201
Entries 131634
Threshold bits
1
0
14536
14259
14326
14557
14178
14108
7403
7680
7613
7382
7761
7831
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

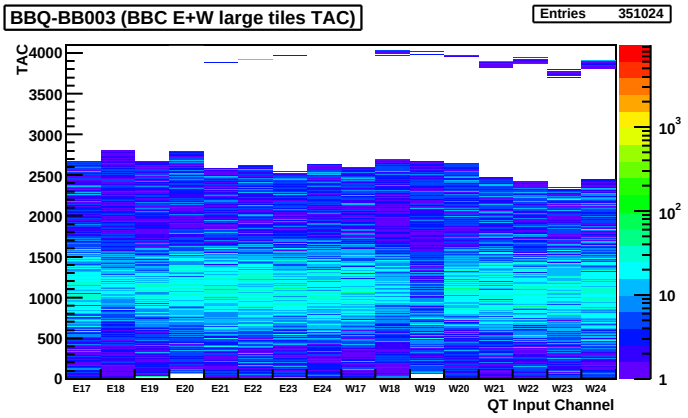

BBQ-BB001 (BBC east small tiles ADC)
Entries 351024
ADC
QT Input Channel

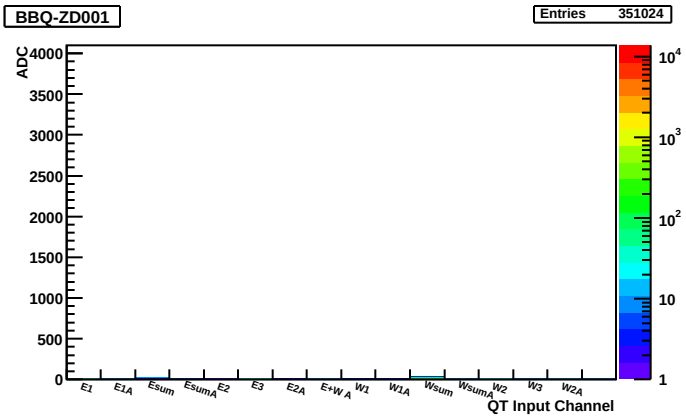

BBQ-BB001 (BBC east small tiles TAC)
Entries 351024
TAC
QT Input Channel

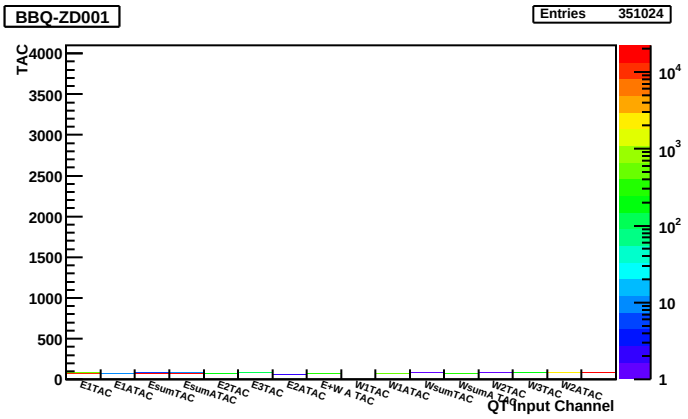

BBQ-BB002 (BBC west small tiles ADC)
Entries 351024
ADC
QT Input Channel

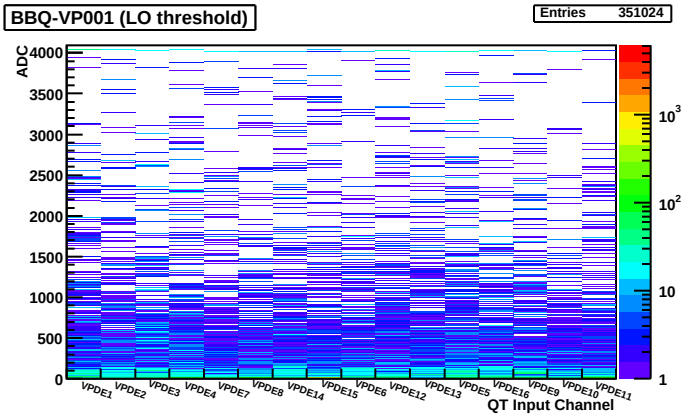

BBQ-BB002 (BBC west small tiles TAC)
Entries 351024
TAC
QT Input Channel

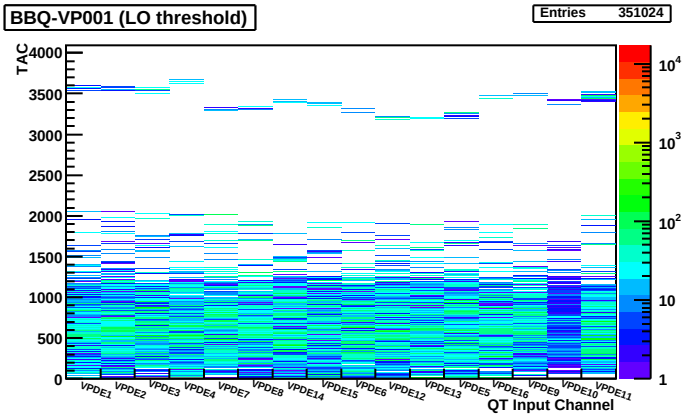

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 351024
ADC
QT Input Channel

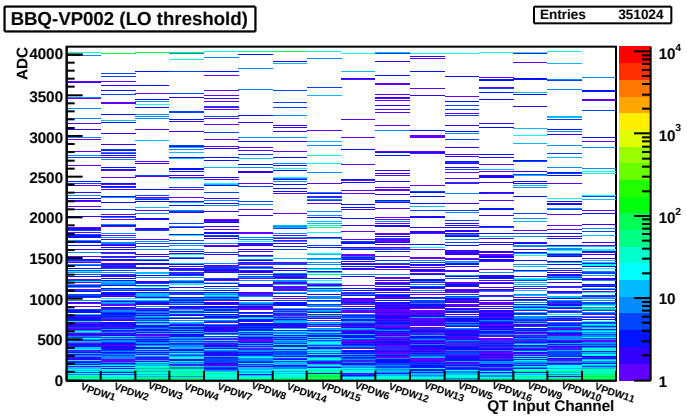

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 351024
TAC
QT Input Channel

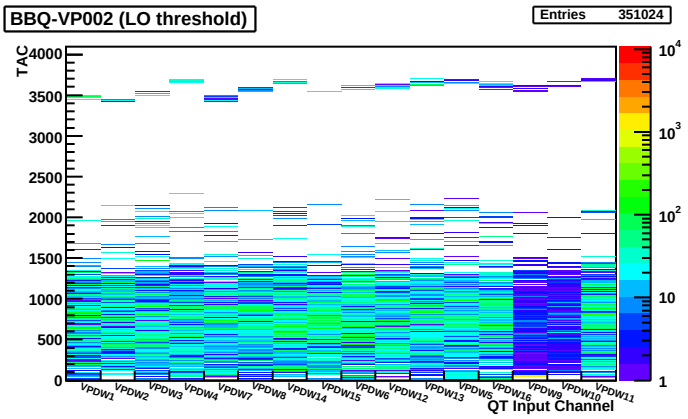

BBQ-ZD001
Entries 351024
ADC
QT Input Channel

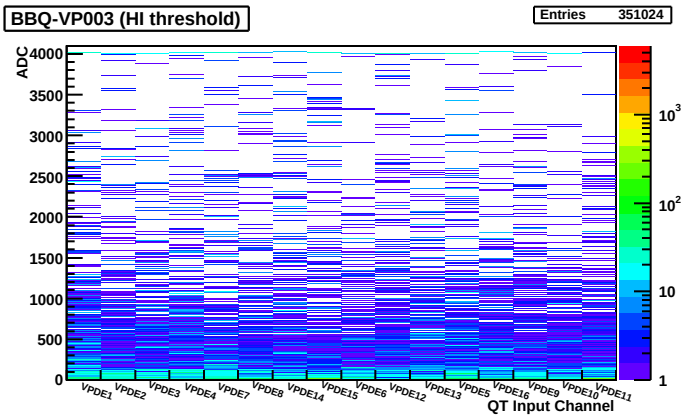

BBQ-ZD001
Entries 351024
TAC
QT Input Channel

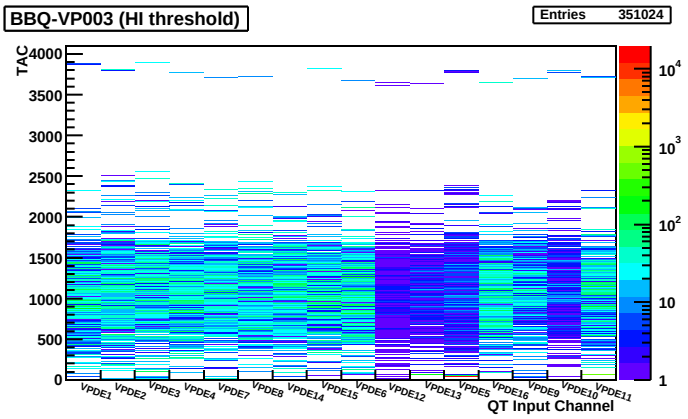

BBQ-VP001 (LO threshold)
Entries 351024
ADC
QT Input Channel

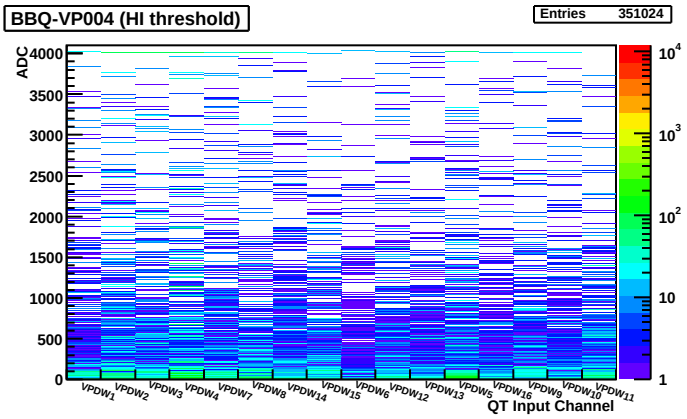

BBQ-VP001 (LO threshold)
Entries 351024
TAC
QT Input Channel

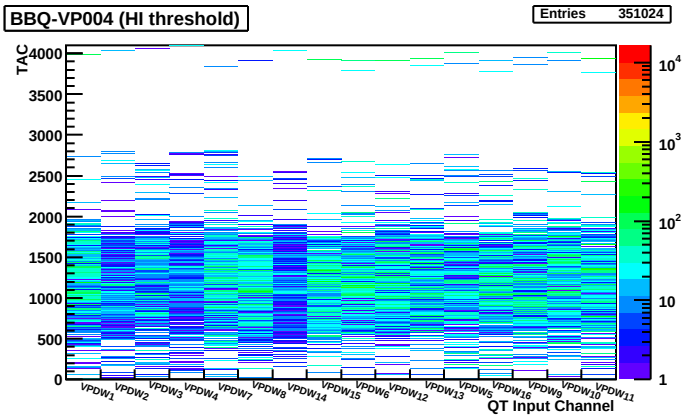

BBQ-VP002 (LO threshold)
Entries 351024
ADC
QT Input Channel

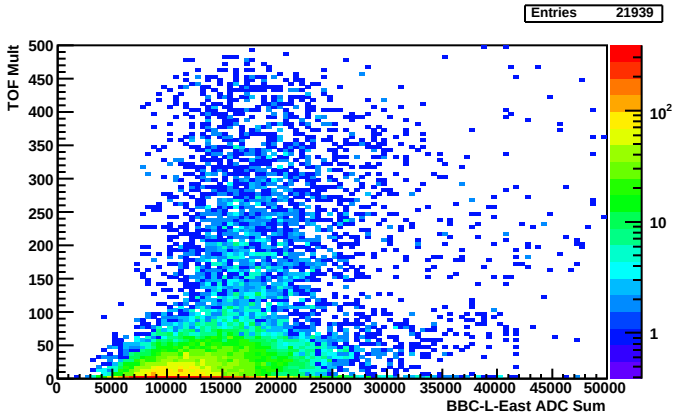

BBQ-VP002 (LO threshold)
Entries 351024
TAC
QT Input Channel

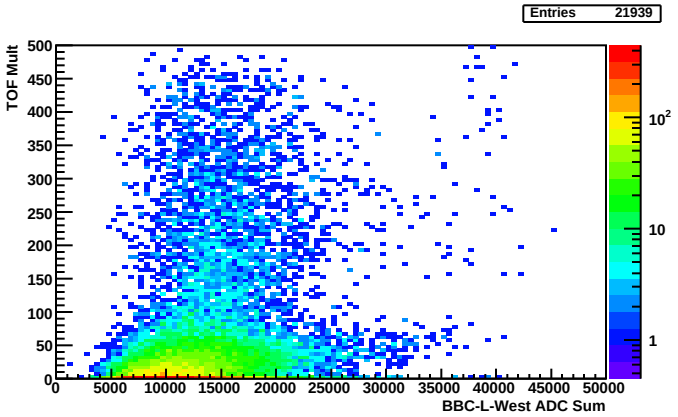

BBQ-VP003 (HI threshold)
Entries 351024
ADC
QT Input Channel

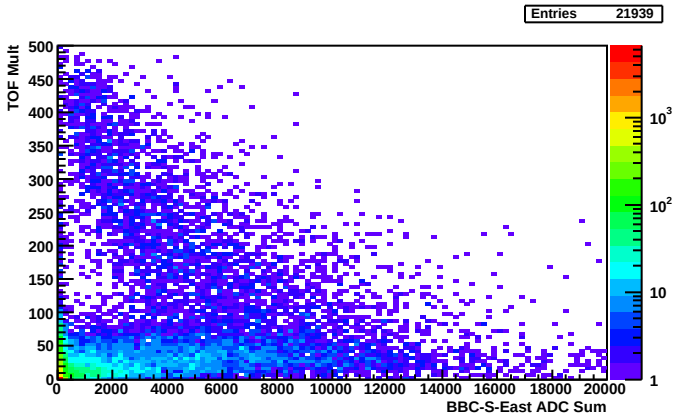

BBQ-VP003 (HI threshold)
Entries 351024
TAC
QT Input Channel

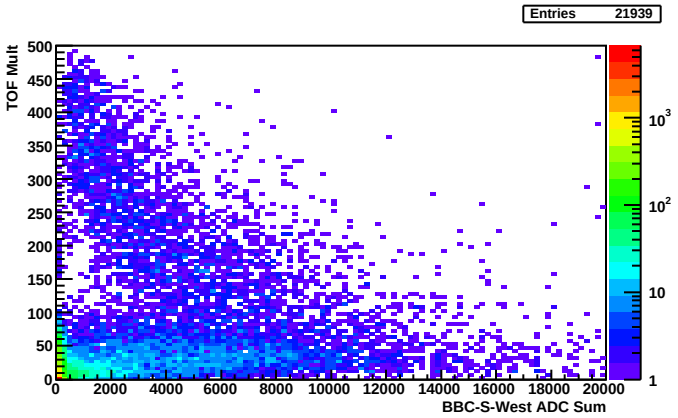

BBQ-VP004 (HI threshold)
Entries 351024
ADC
QT Input Channel

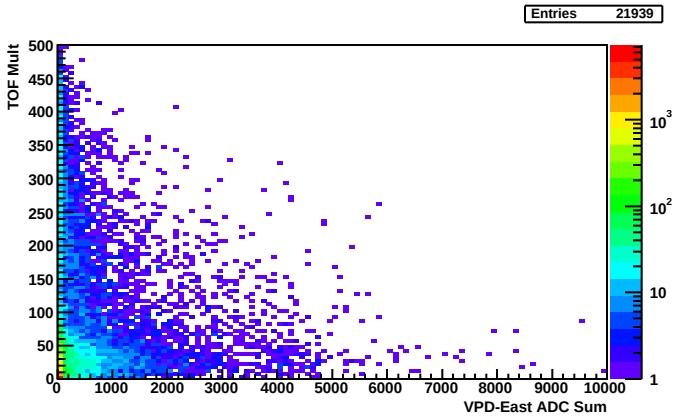

BBQ-VP004 (HI threshold)
Entries 351024
TAC
QT Input Channel

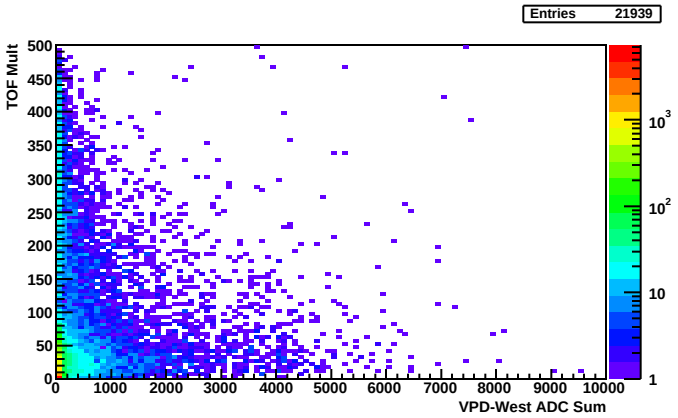

Entries 21939
TOF Mult
BBC-L-East ADC Sum

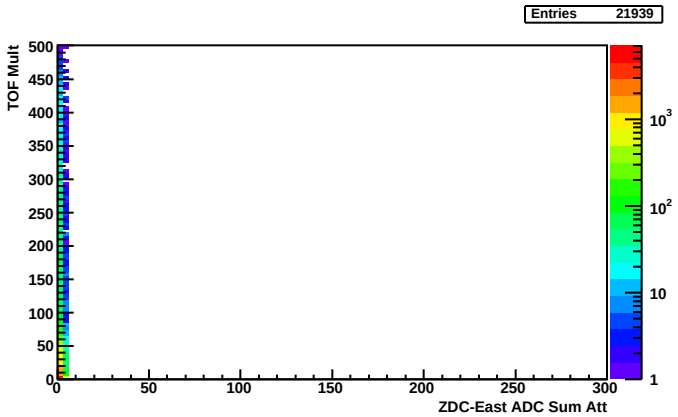

Entries 21939
TOF Mult
BBC-L-West ADC Sum

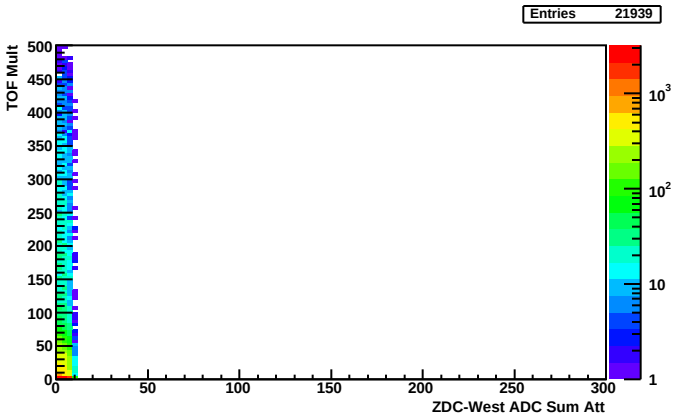

Entries 21939
TOF Mult
BBC-S-East ADC Sum

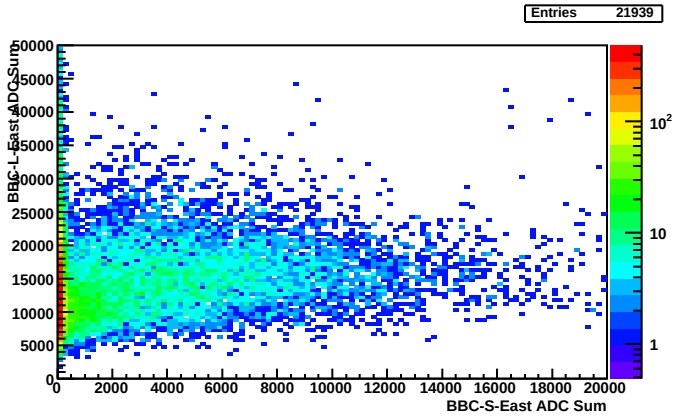

Entries 21939
TOF Mult
BBC-S-West ADC Sum

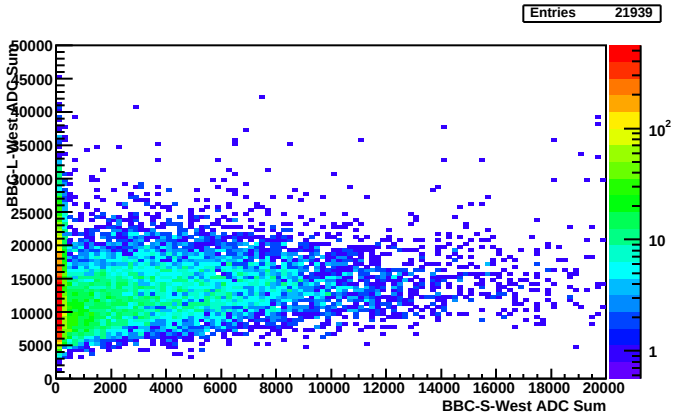

Entries 21939
TOF Mult
VPD-East ADC Sum

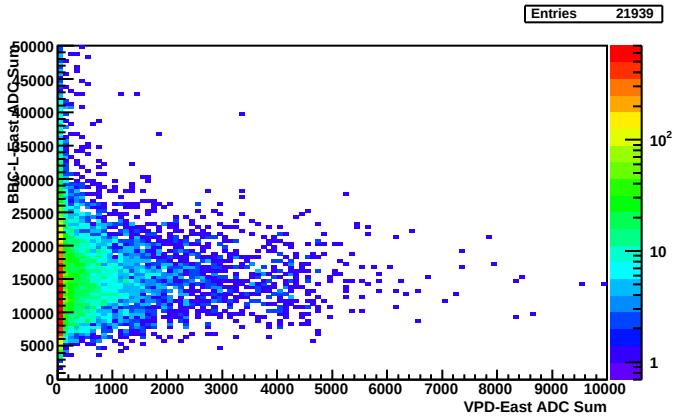

Entries 21939
TOF Mult
VPD-West ADC Sum

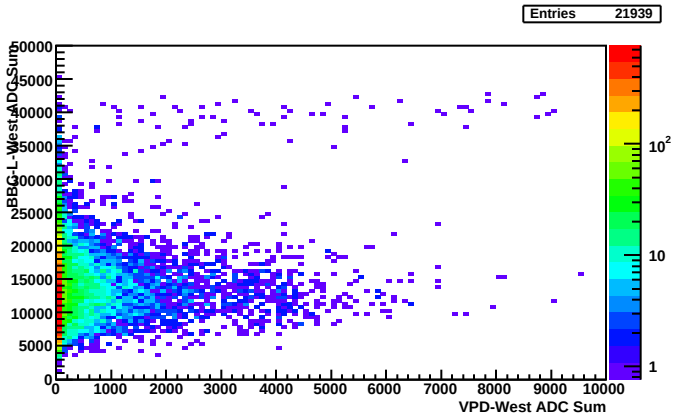

Entries 21939
TOF Mult
ZDC-East ADC Sum Att

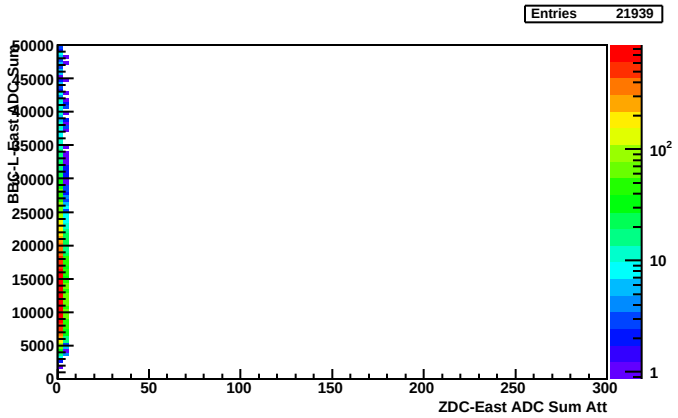

Entries 21939
TOF Mult
ZDC-West ADC Sum Att

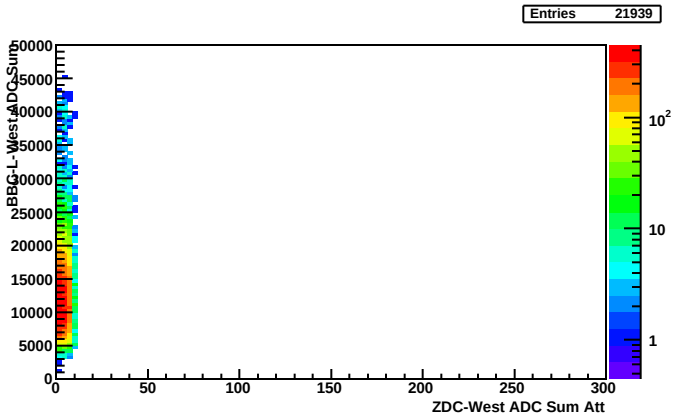

Entries 21939
BBC-L-East ADC Sum
BBC-S-East ADC Sum

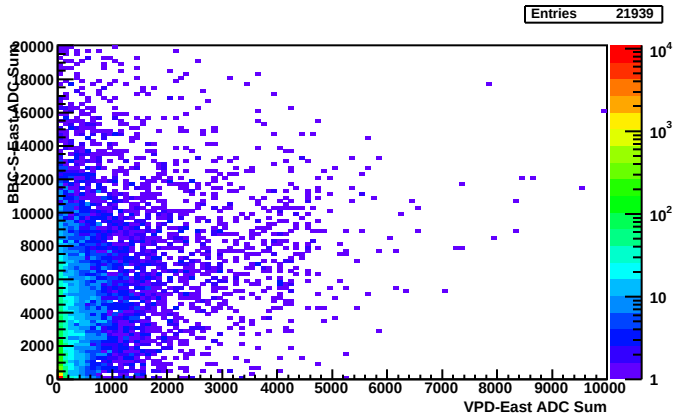

Entries 21939
BBC-L-West ADC Sum
BBC-S-West ADC Sum

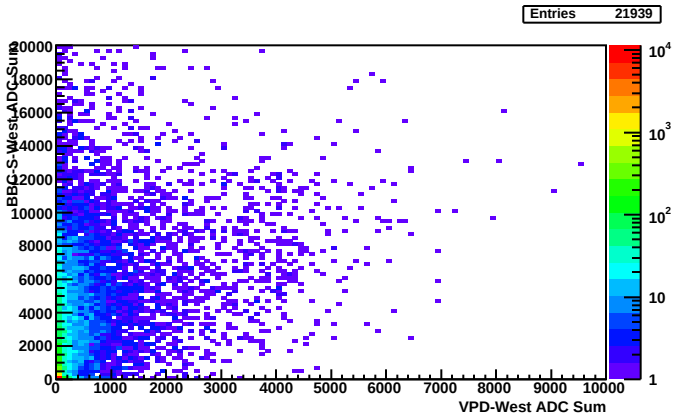

Entries 21939
BBC-L-East ADC Sum
VPD-East ADC Sum

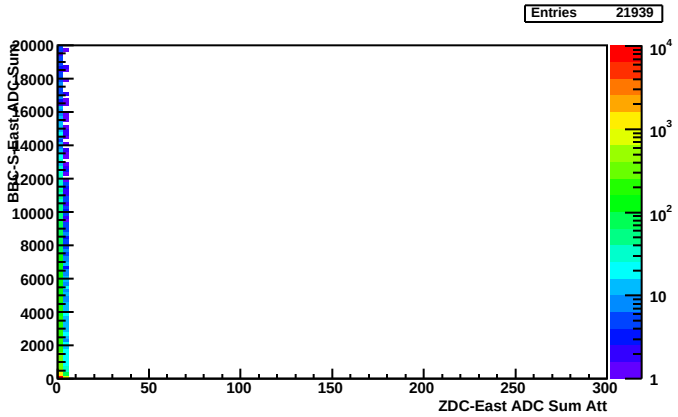

Entries 21939
BBC-L-West ADC Sum
VPD-West ADC Sum

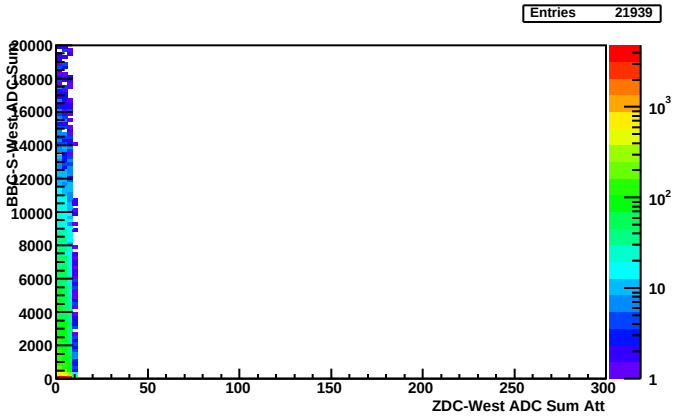

Entries 21939
BBC-L-East ADC Sum
ZDC-East ADC Sum Att

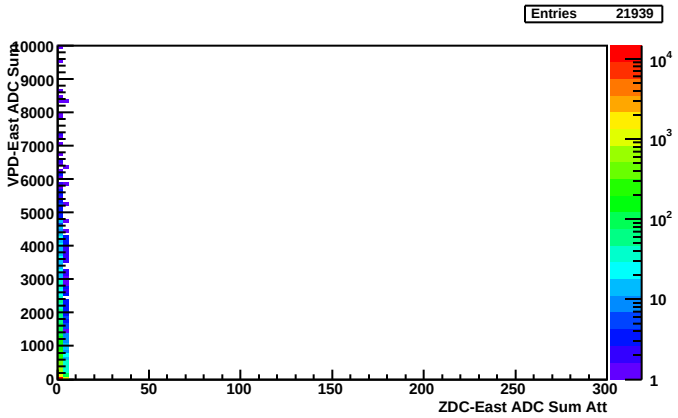

Entries 21939
BBC-L-West ADC Sum
ZDC-West ADC Sum Att

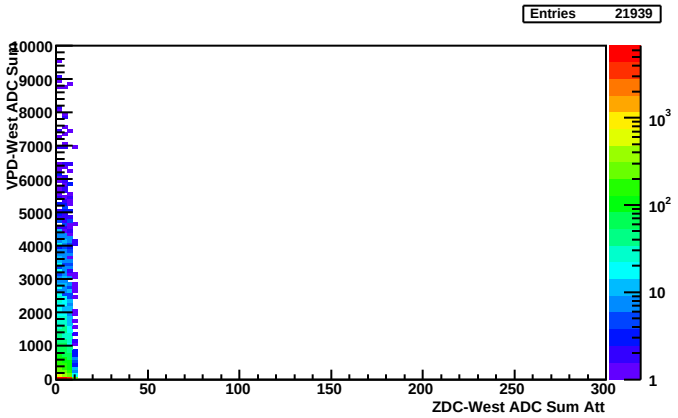

Entries 21939
BBC-S-East ADC Sum
VPD-East ADC Sum

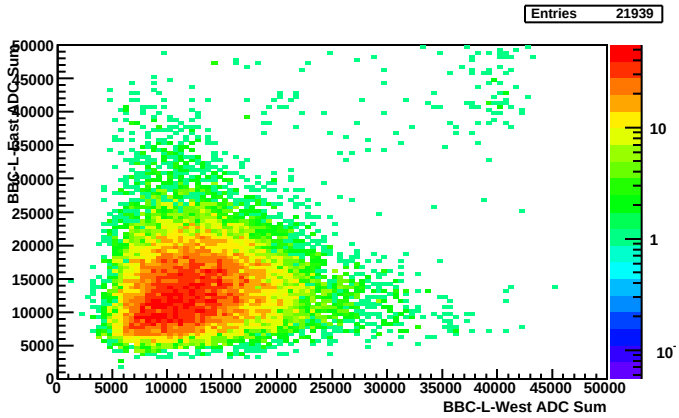

Entries 21939
BBC-S-West ADC Sum
VPD-West ADC Sum

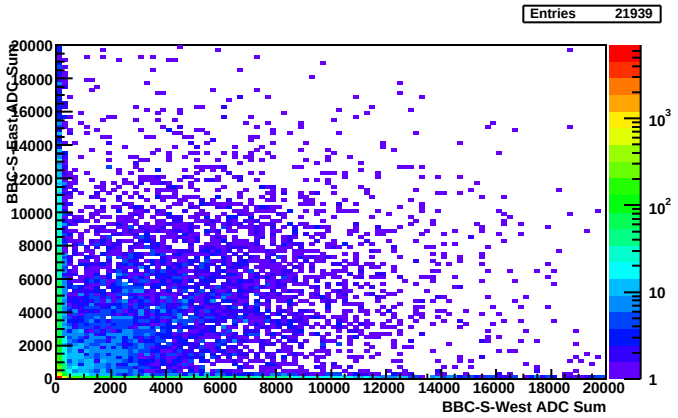

Entries 21939
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

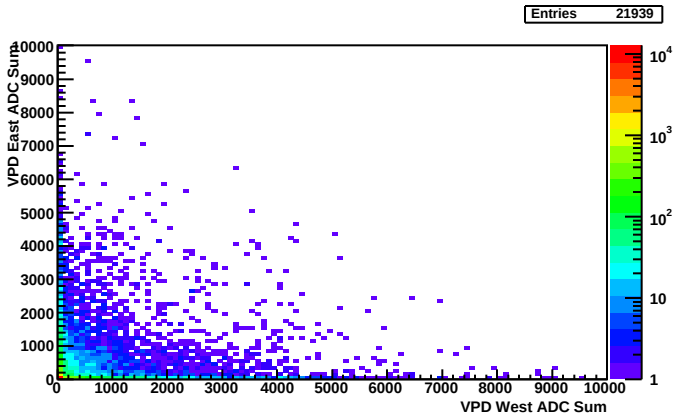

Entries 21939
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

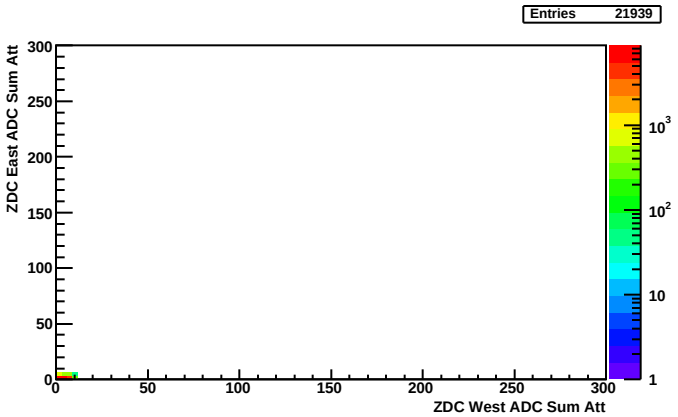

Entries 21939
VPD-East ADC Sum
ZDC-East ADC Sum Att

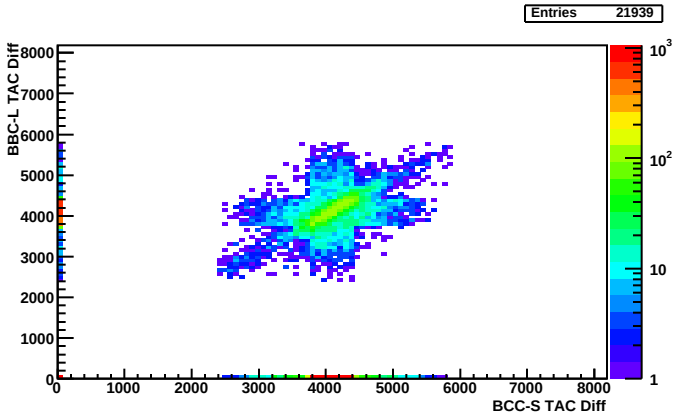

Entries 21939
VPD-West ADC Sum
ZDC-West ADC Sum Att

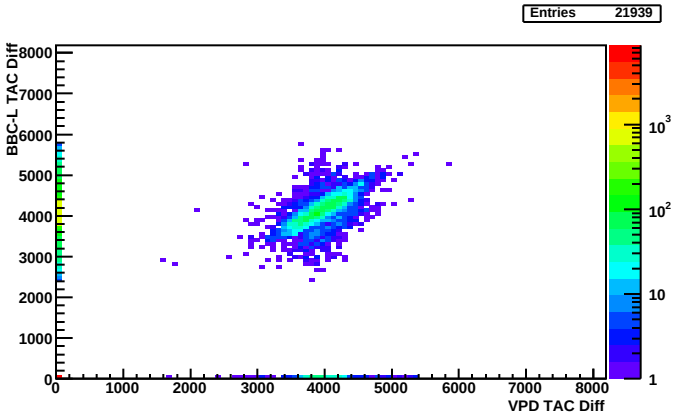

Entries 21939
BBC-L-East ADC Sum
BBC-L-West ADC Sum

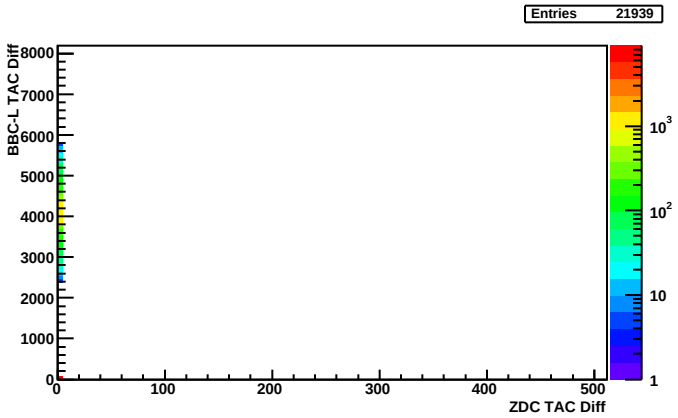

Entries 21939
BBC-S-East ADC Sum
BBC-S-West ADC Sum

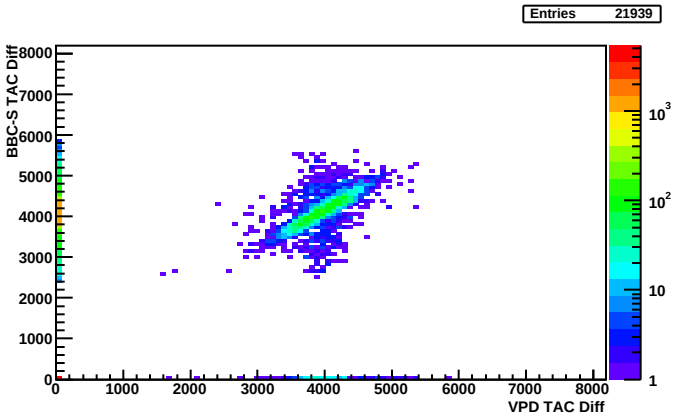

Entries 21939
VPD East ADC Sum
VPD West ADC Sum

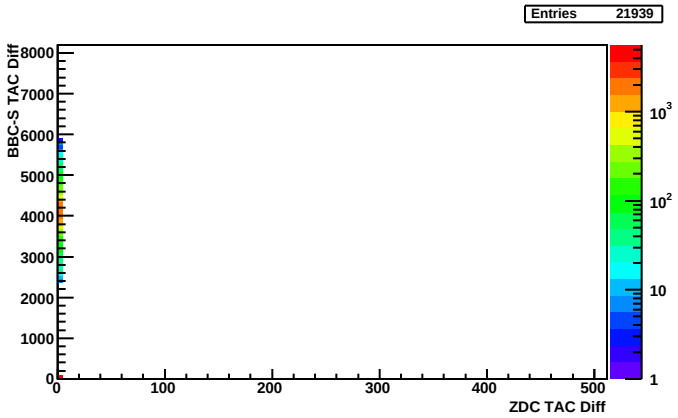

Entries 21939
ZDC East ADC Sum Att
ZDC West ADC Sum Att

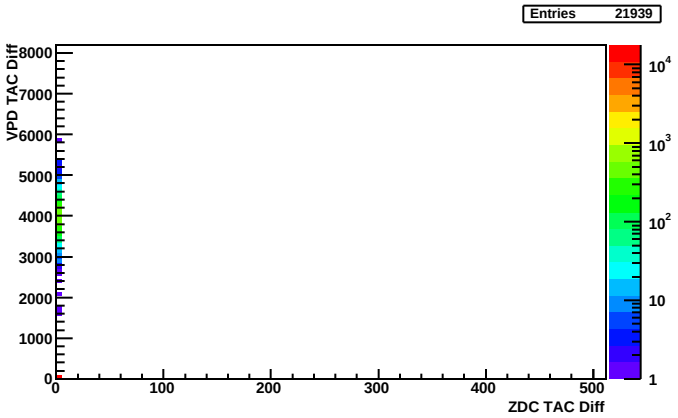

Entries 21939
BBC-L TAC Diff
BCC-S TAC Diff


Entries 21939
BBC-L TAC Diff
VPD TAC Diff


Entries 21939
BBC-L TAC Diff
ZDC TAC Diff


Entries 21939
BBC-S TAC Diff
VPD TAC Diff


Entries 21939
BBC-S TAC Diff
ZDC TAC Diff


Entries 21939
VPD TAC Diff
ZDC TAC Diff