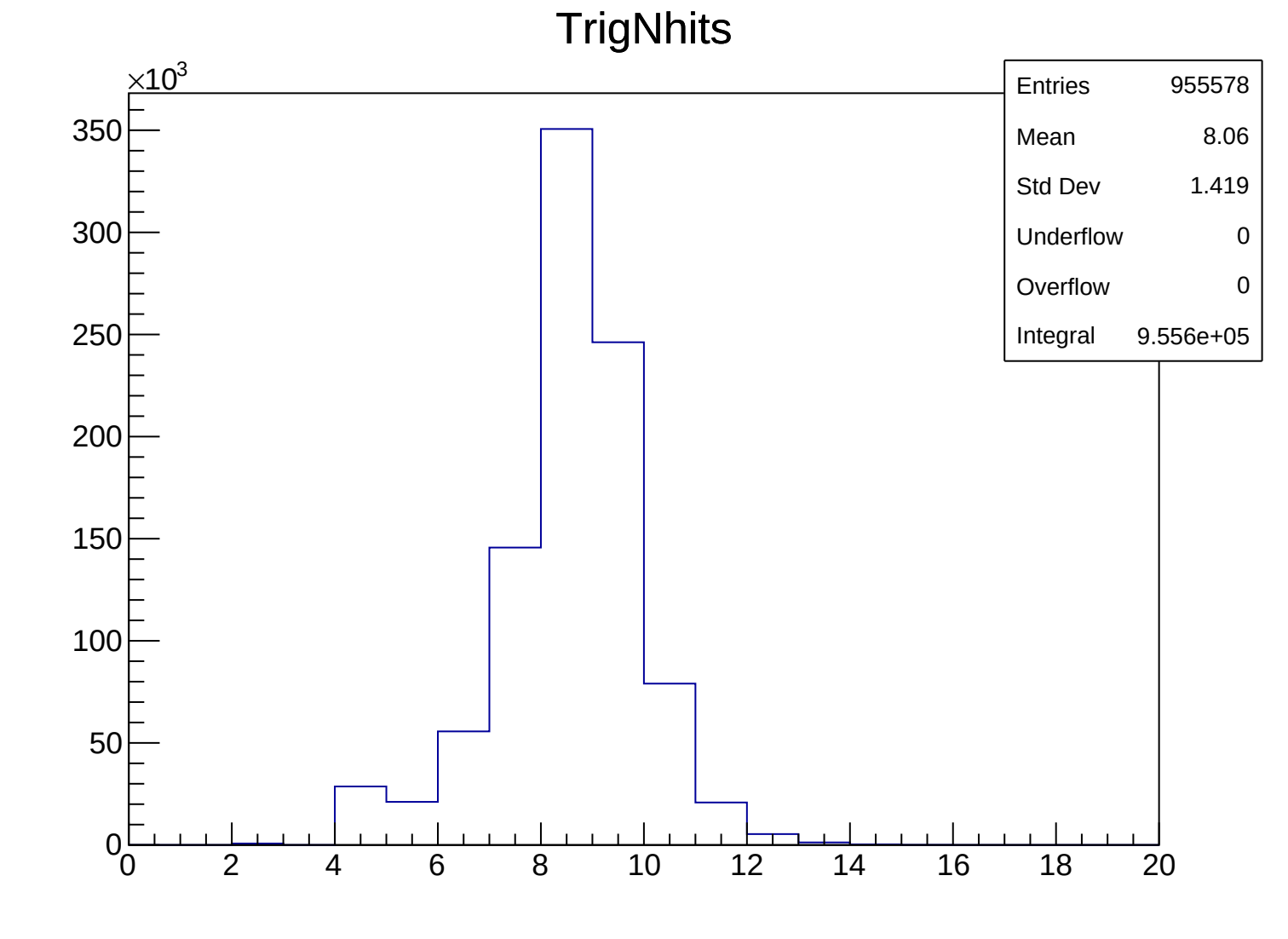
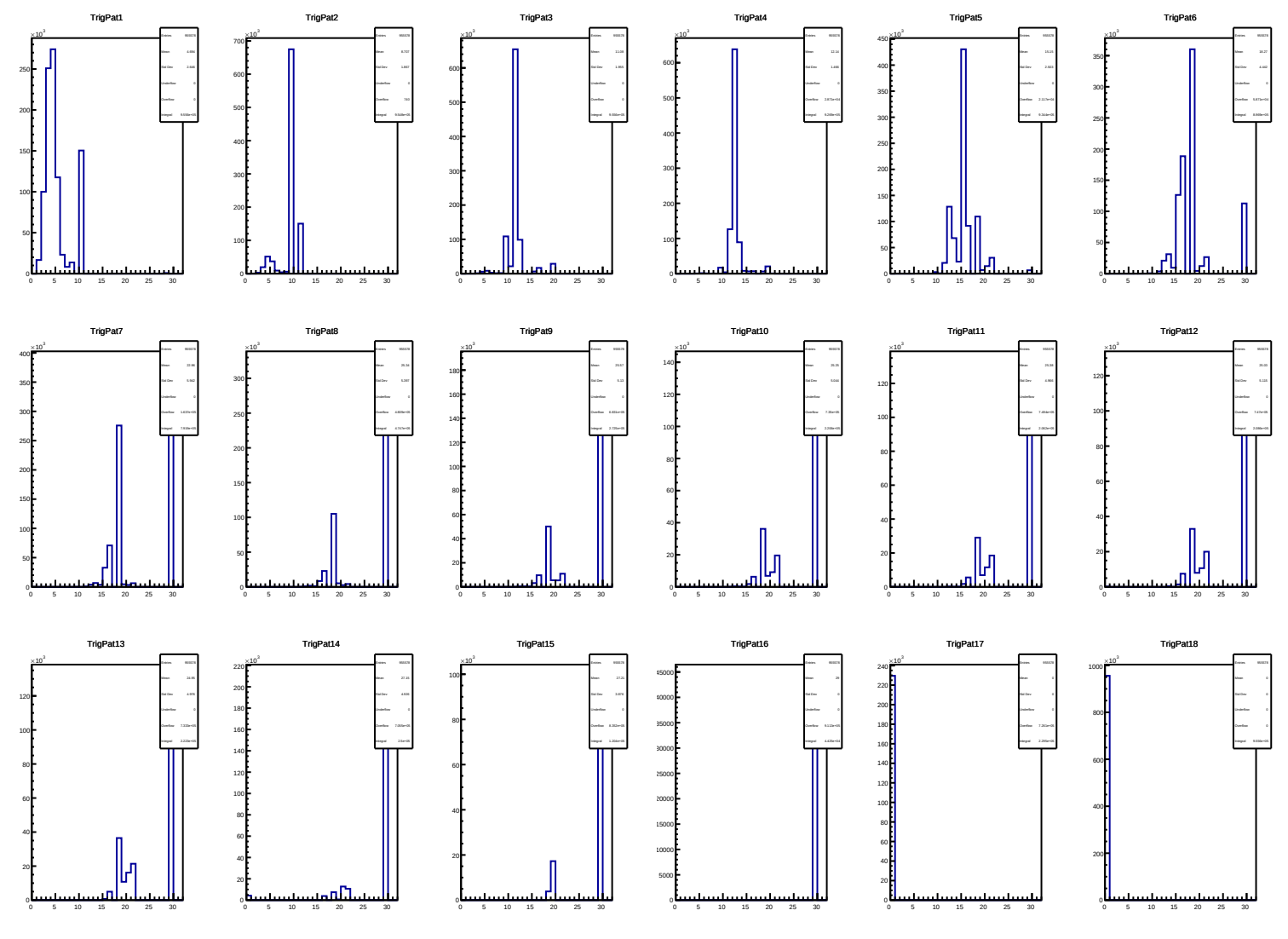

TrigNhits
×10^3
350
300
250
200
150
100
50
0
0
2
4
6
8
10
12
14
16
18
20
Entries 955578
Mean 8.06
Std Dev 1.419
Underflow 0
Overflow 0
Integral 9.556e+05


TrigPat1
TrigPat2
TrigPat3
TrigPat4
TrigPat5
TrigPat6
TrigPat7
TrigPat8
TrigPat9
TrigPat10
TrigPat11
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TrigPat15
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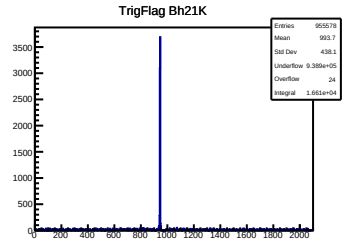
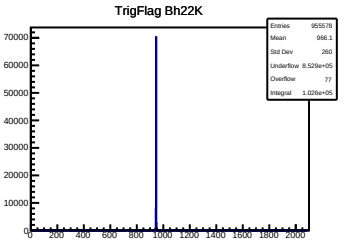
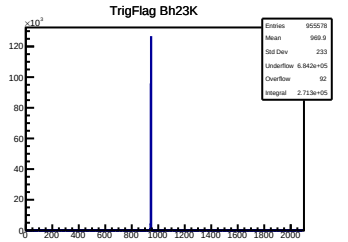
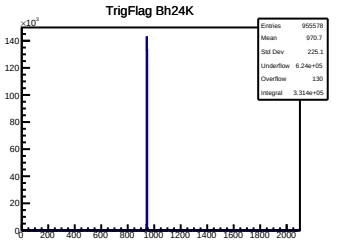
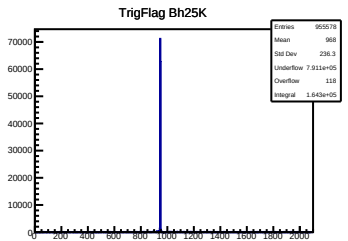
TrigPat17
TrigPat18

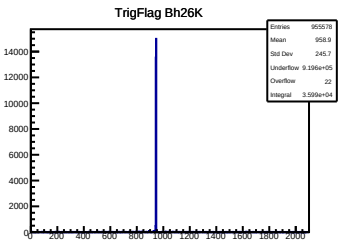

TrigFlag Bh21K
Entries 955578
Mean 993.7
Std Dev 438.1
Underflow 9.389e+05
Overflow 24
Integral 1.661e+04

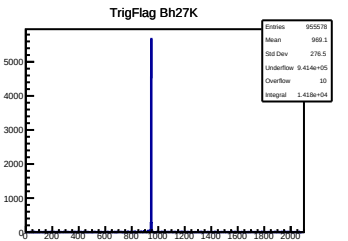

TrigFlag Bh22K
Entries 955578
Mean 966.1
Std Dev 260
Underflow 8.529e+05
Overflow 77
Integral 1.026e+05

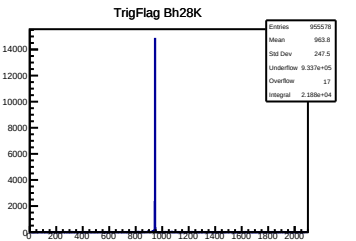

TrigFlag Bh23K
Entries 955578
Mean 969.9
Std Dev 233
Underflow 6.842e+05
Overflow 92
Integral 2.713e+05

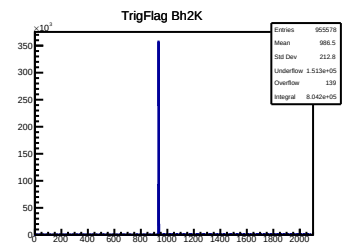

TrigFlag Bh24K
Entries 955578
Mean 970.7
Std Dev 225.1
Underflow 6.24e+05
Overflow 130
Integral 3.31e+05

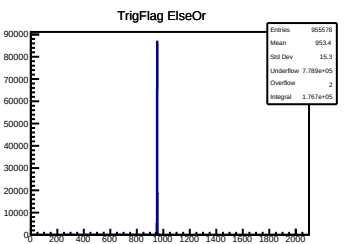

TrigFlag Bh25K
Entries 955578
Mean 968
Std Dev 236.3
Underflow 7.911e+05
Overflow 118
Integral 1.643e+05

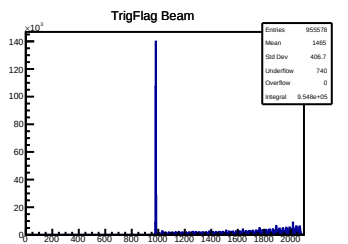

TrigFlag Bh26K
Entries 955578
Mean 958.9
Std Dev 245.7
Underflow 9.196e+05
Overflow 22
Integral 3.598e+04

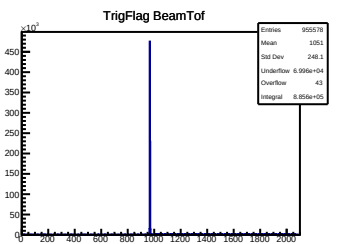

TrigFlag Bh27K
Entries 955578
Mean 969.1
Std Dev 276.5
Underflow 9.414e+05
Overflow 10
Integral 1.418e+04

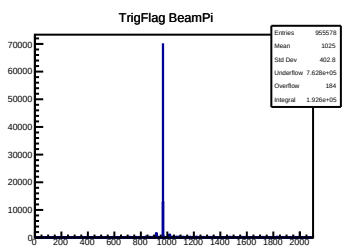

TrigFlag Bh28K
Entries 955578
Mean 963.8
Std Dev 247.5
Underflow 9.337e+05
Overflow 17
Integral 2.188e+04

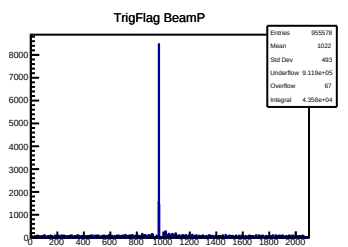

TrigFlag Bh2K
Entries 955578
Mean 986.5
Std Dev 212.8
Underflow 1.513e+05
Overflow 139
Integral 8.042e+05

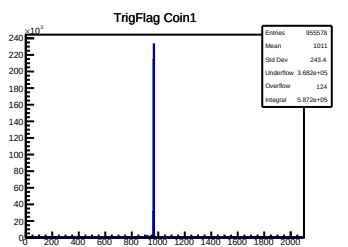

TrigFlag ElseOr
Entries 955578
Mean 953.4
Std Dev 15.3
Underflow 7.789e+05
Overflow 2
Integral 1.767e+05

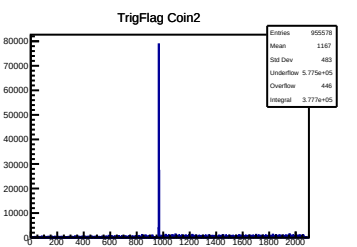

TrigFlag Beam
Entries 955578
Mean 1465
Std Dev 406.7
Underflow 740
Overflow 0
Integral 9.548e+05


TrigFlag BeamTof
Entries 955578
Mean 1051
Std Dev 248.1
Underflow 6.996e+04
Overflow 43
Integral 8.856e+05

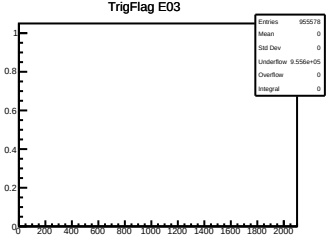

TrigFlag BeamPi
Entries 955578
Mean 1025
Std Dev 402.8
Underflow 7.628e+05
Overflow 184
Integral 1.926e+05


TrigFlag BeamP
Entries 955578
Mean 1022
Std Dev 493
Underflow 9.119e+05
Overflow 67
Integral 4.358e+04

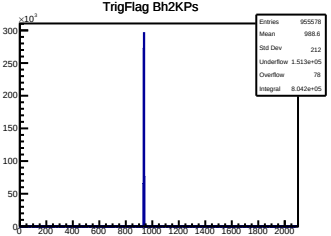

TrigFlag Coin1
Entries 955578
Mean 1011
Std Dev 243.4
Underflow 3.682e+05
Overflow 124
Integral 5.872e+05


TrigFlag Coin2
Entries 955578
Mean 1167
Std Dev 483
Underflow 5.775e+05
Overflow 446
Integral 3.777e+05

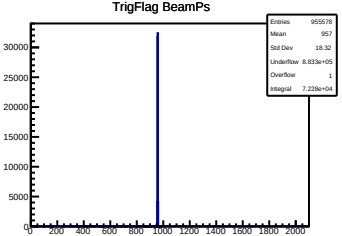
TrigFlag E03



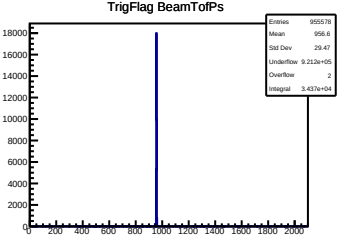
TrigFlag Bh2KPs



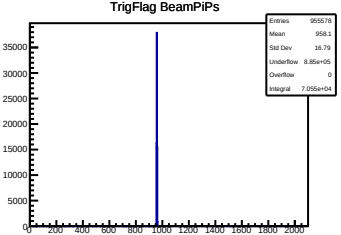
TrigFlag BeamPs



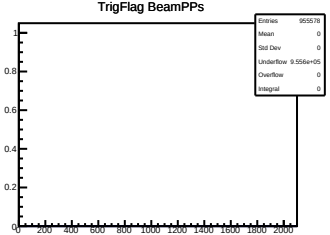
TrigFlag BeamTofPs



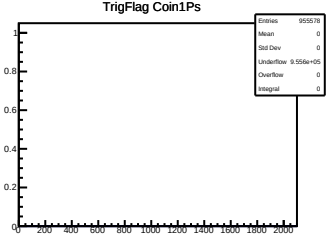
TrigFlag BeamPiPs



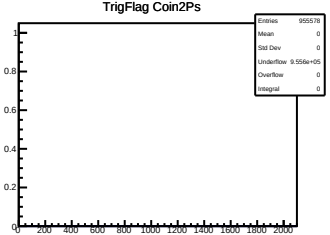
TrigFlag BeamPPs



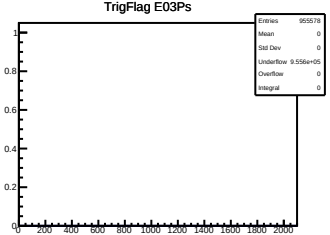
TrigFlag Coin1Ps



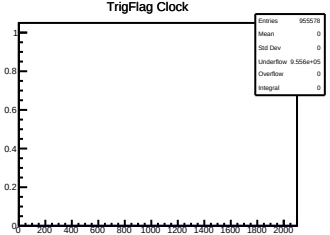
TrigFlag Coin2Ps



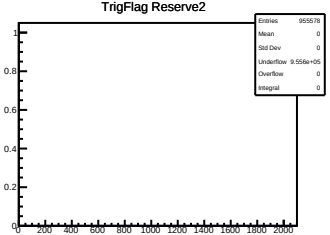
TrigFlag E03Ps



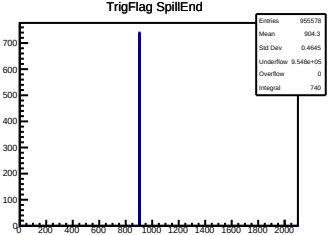
TrigFlag Clock



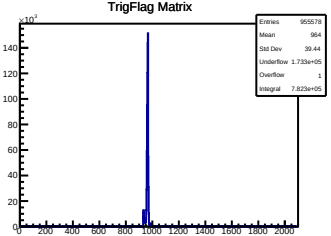
TrigFlag Reserve2



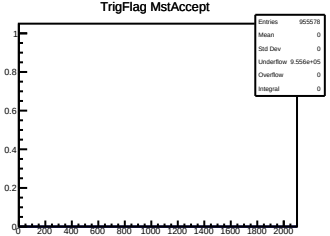
TrigFlag SpillEnd



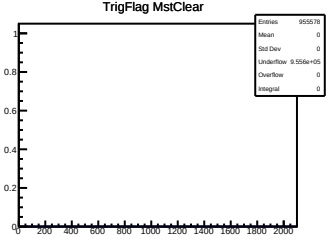
TrigFlag Matrix



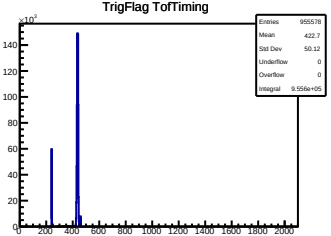
TrigFlag MstAccept

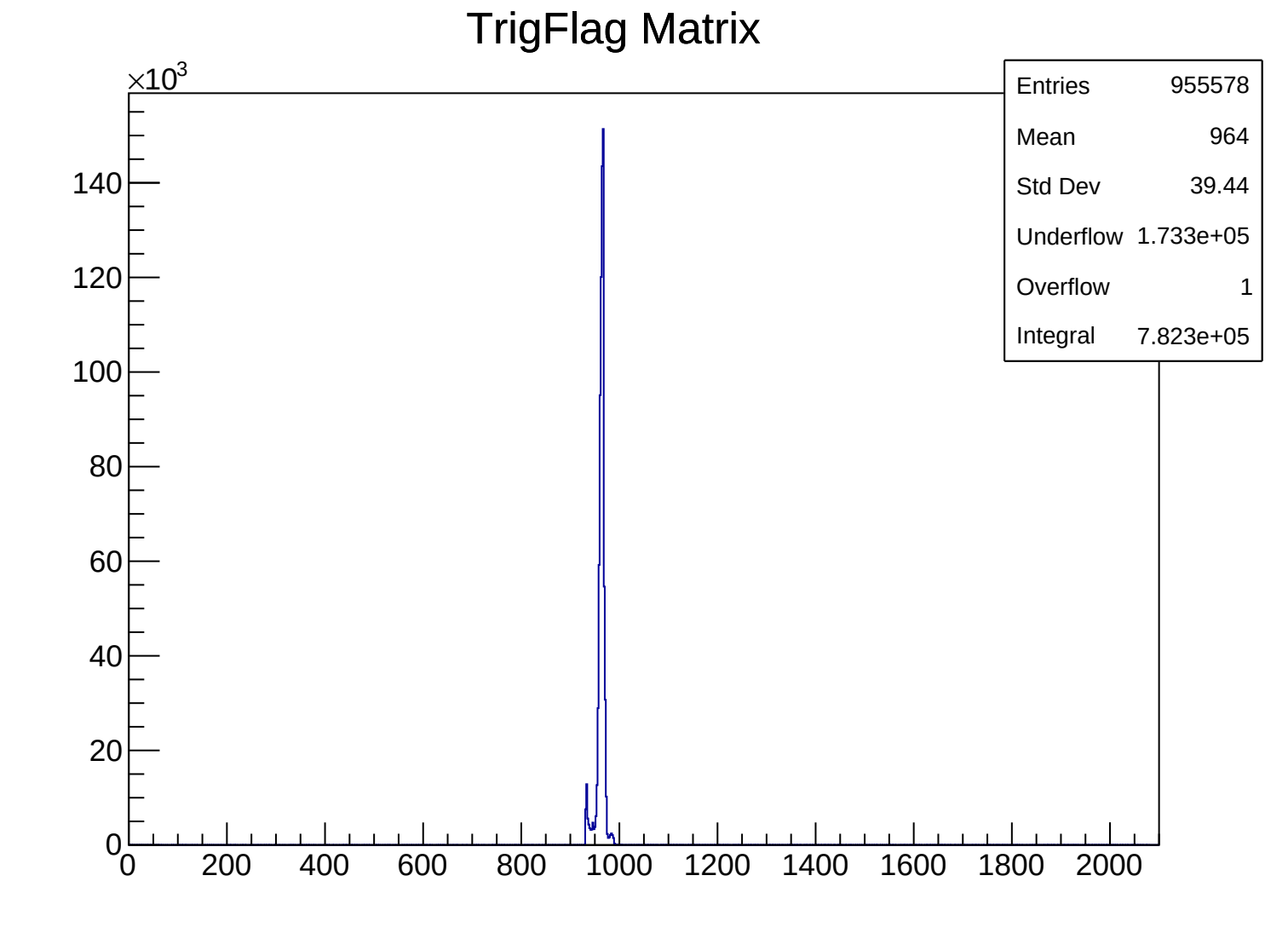


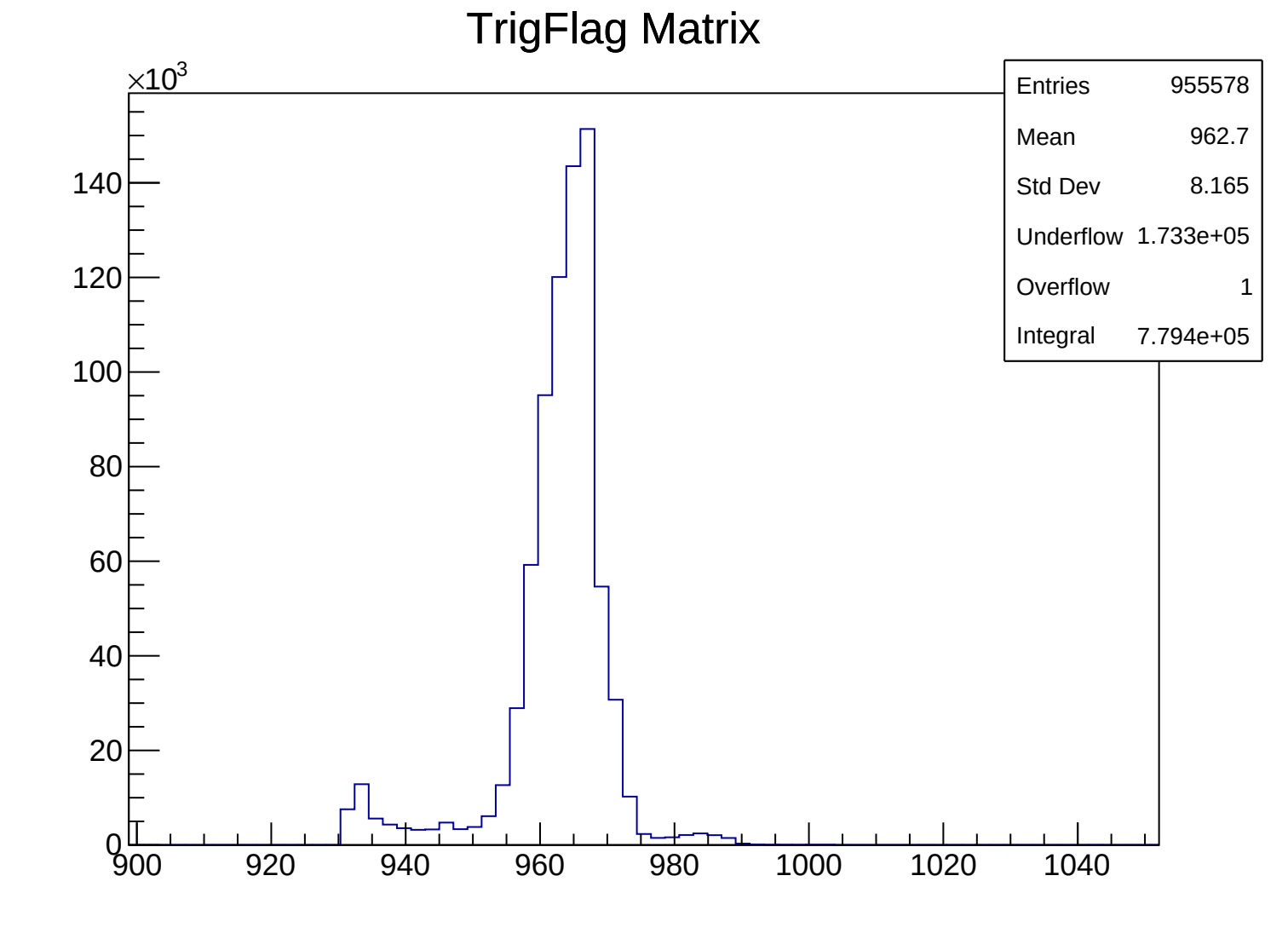
TrigFlag MstClear

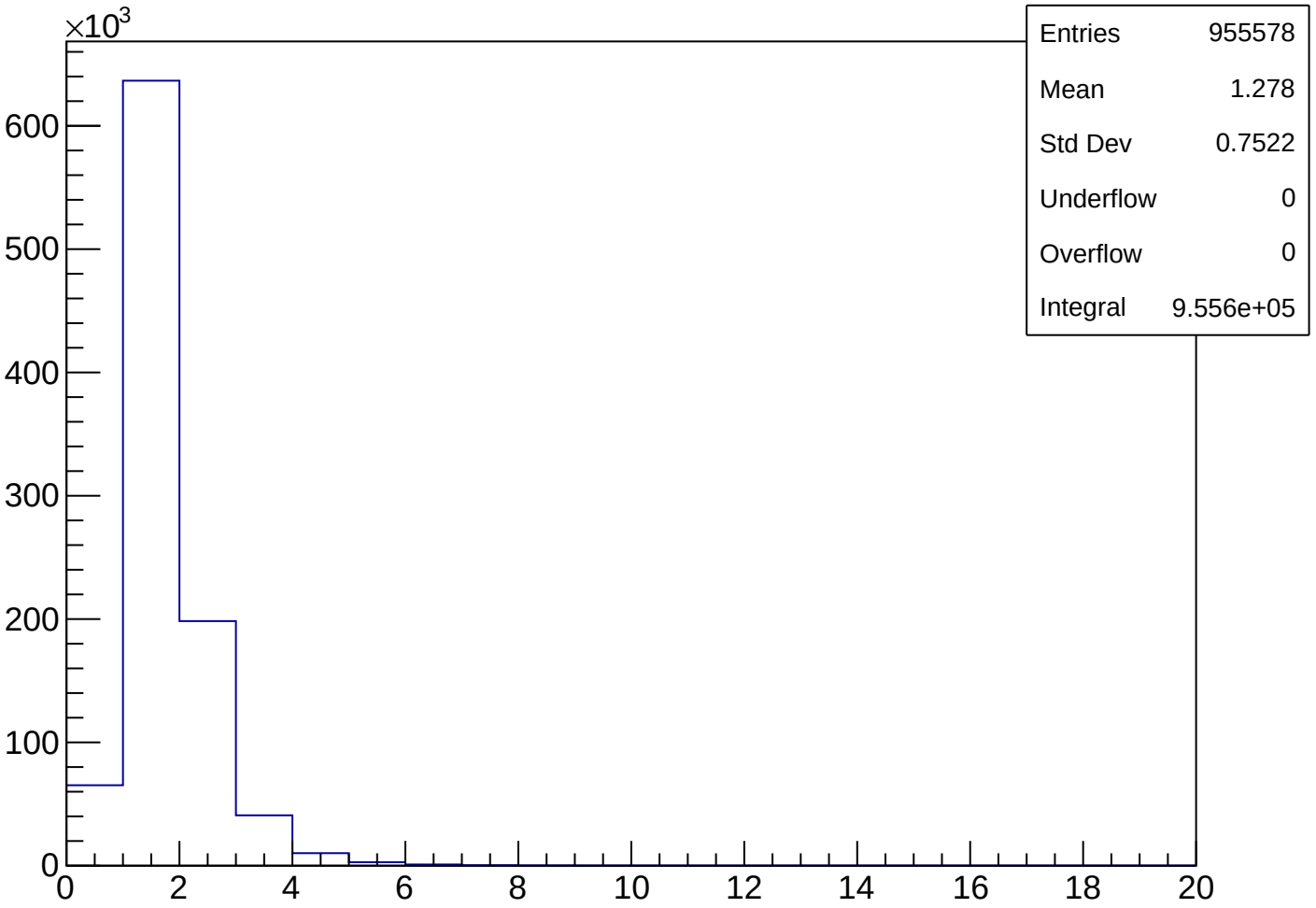


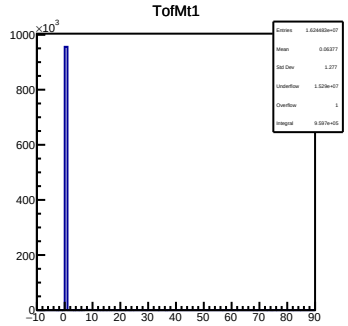
TrigFlag TofTiming

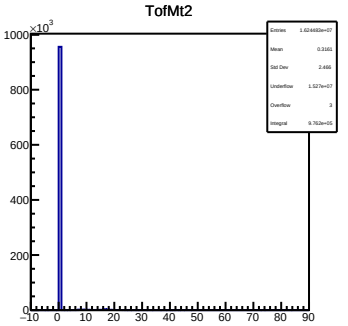


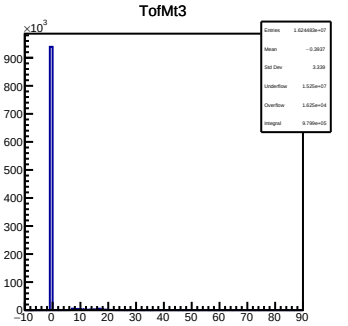

TrigFlag Matrix
×10^3
140
120
100
80
60
40
20
0
0
200
400
600
800
1000
1200
1400
1600
1800
2000
Entries 955578
Mean 964
Std Dev 39.44
Underflow 1.733e+05
Overflow 1
Integral 7.823e+05

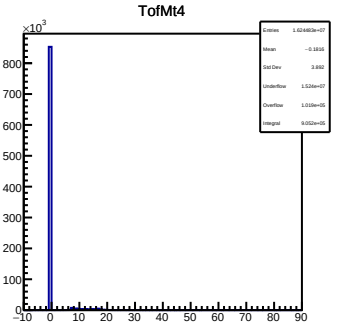

TrigFlag Matrix
×10^3
140
120
100
80
60
40
20
0
900
920
940
960
980
1000
1020
1040
Entries 955578
Mean 962.7
Std Dev 8.165
Underflow 1.733e+05
Overflow 1
Integral 7.794e+05

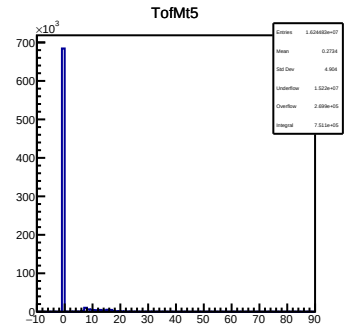

TofNhits
×10^3
600
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
18
20
Entries 955578
Mean 1.278
Std Dev 0.7522
Underflow 0
Overflow 0
Integral 9.556e+05

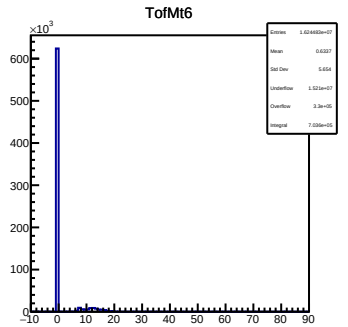

TofMt1

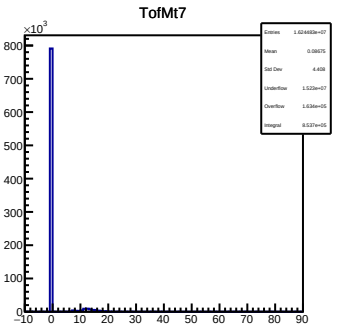

TofMt2

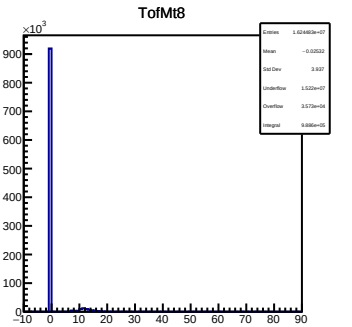

TofMt3

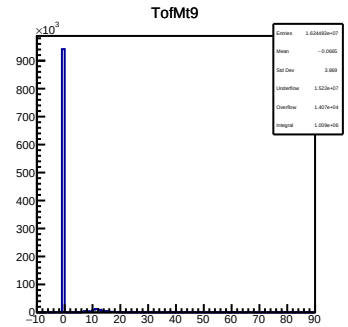

TofMt4

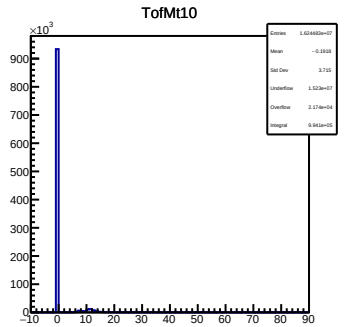

TofMt5

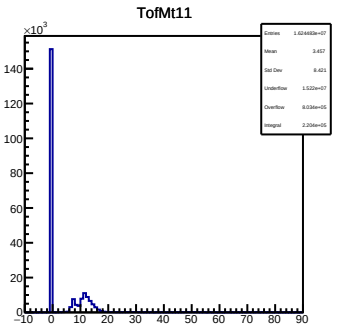

TofMt6

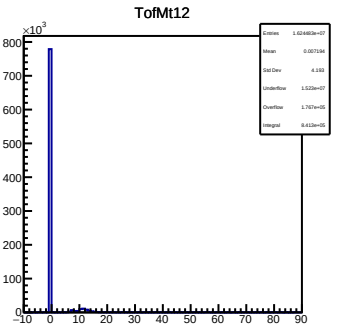

TofMt7

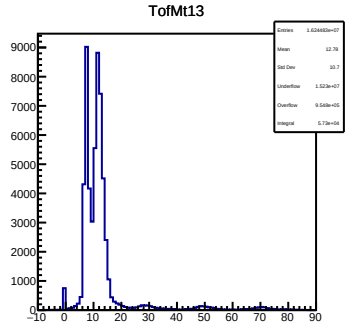

TofMt8

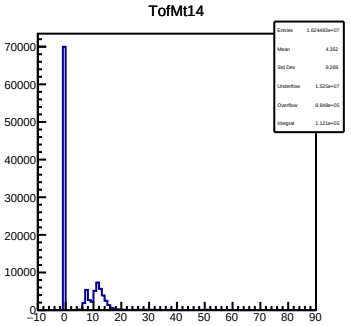

TofMt9

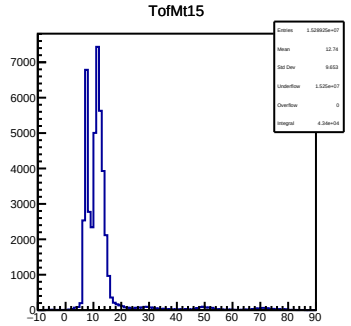

TofMt10

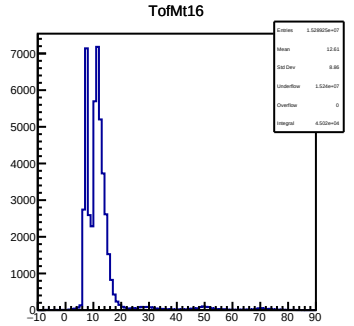

TofMt11

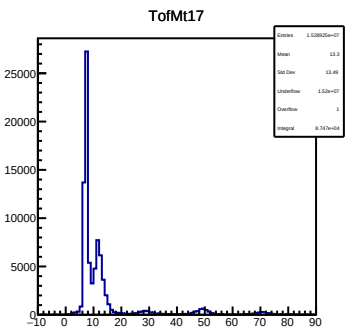

TofMt12

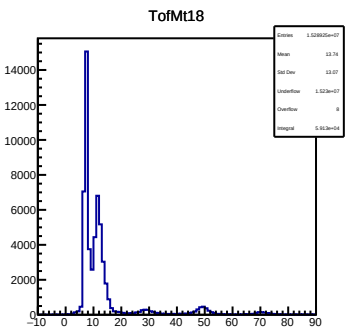

TofMt13

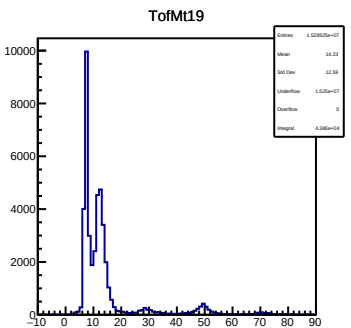

TofMt14

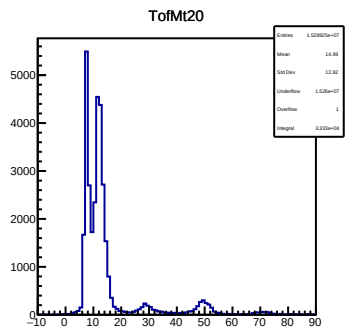

TofMt15

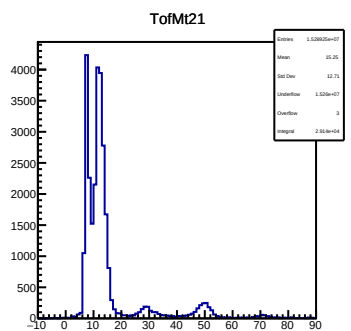

TofMt16

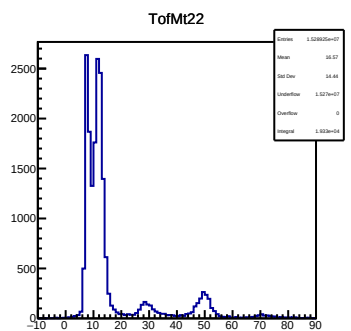

TofMt17

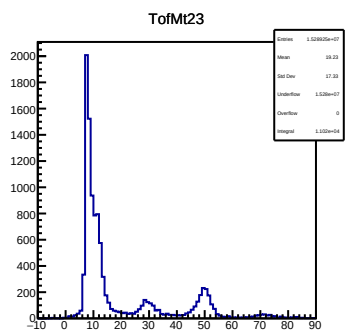

TofMt18

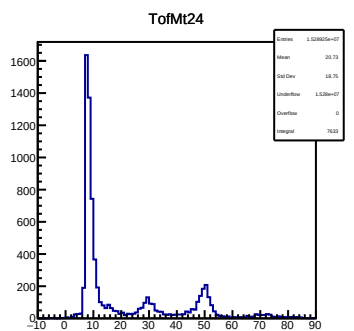

TofMt19

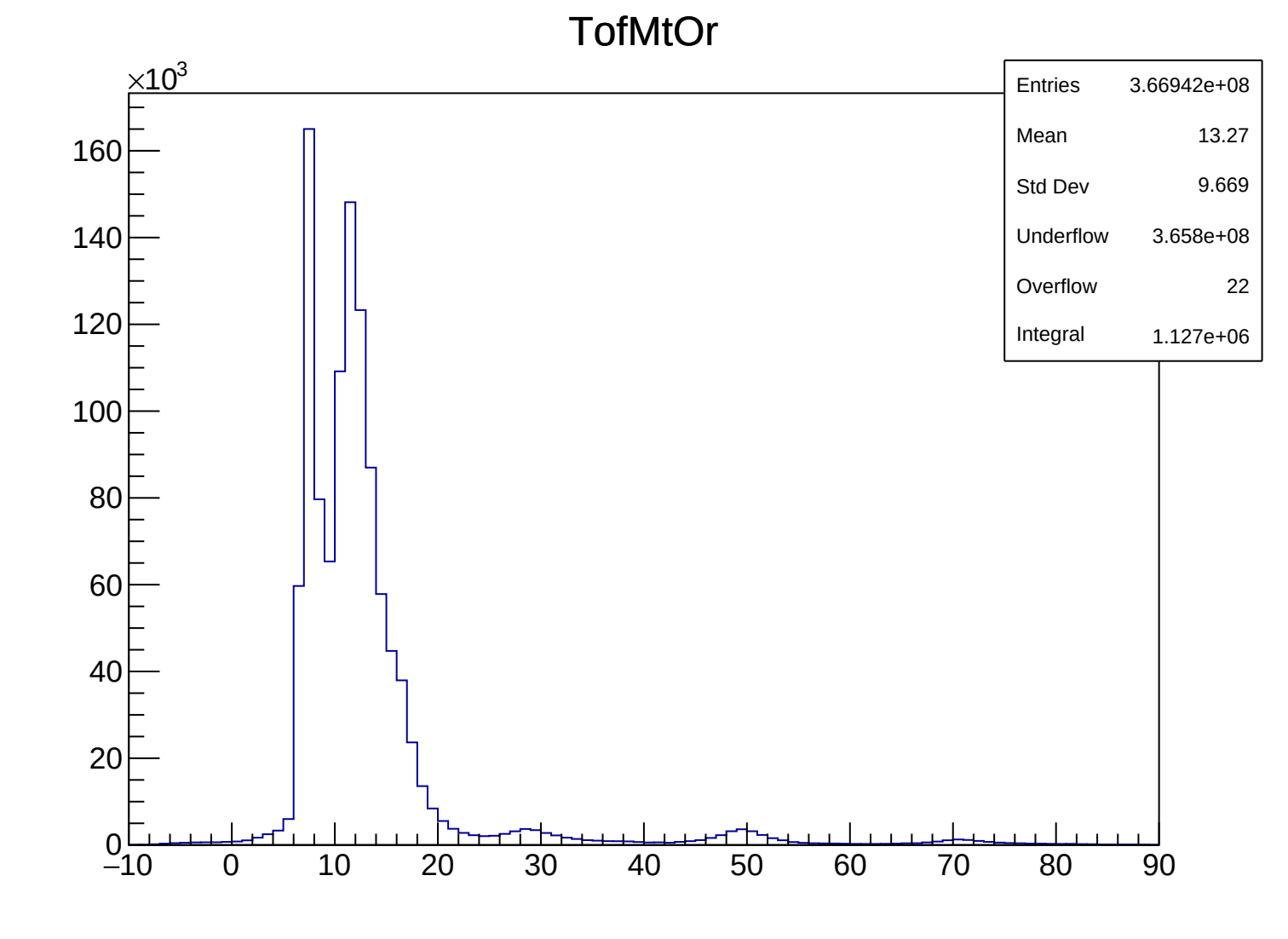

TofMt20

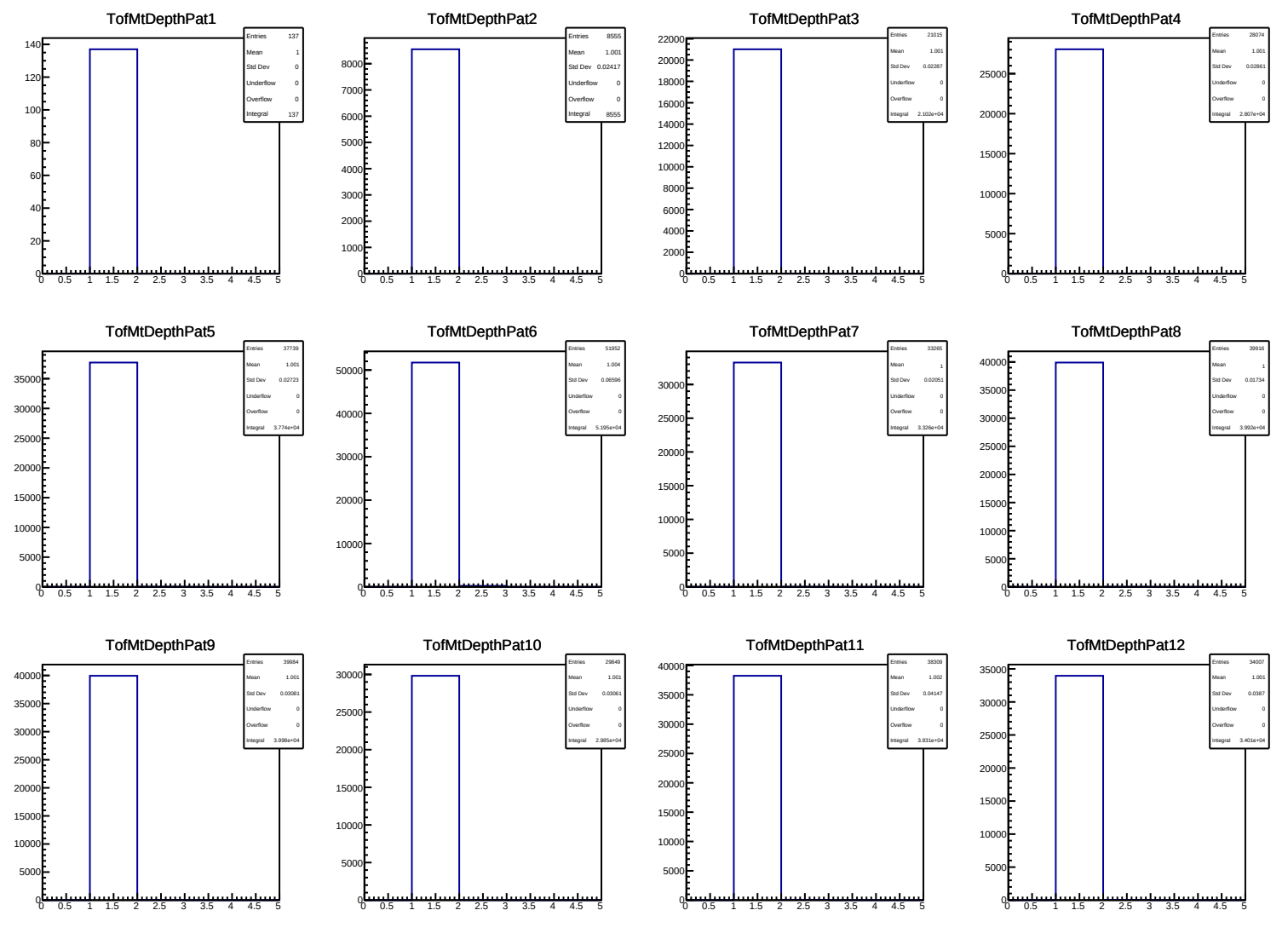

TofMt21

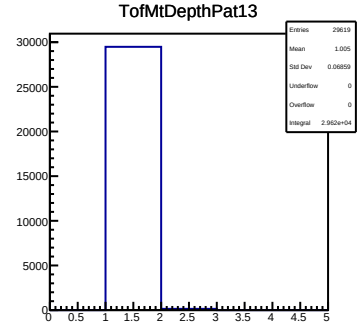

TofMt22

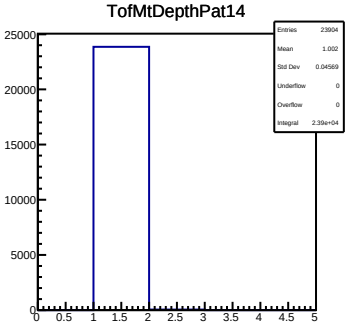

TofMt23

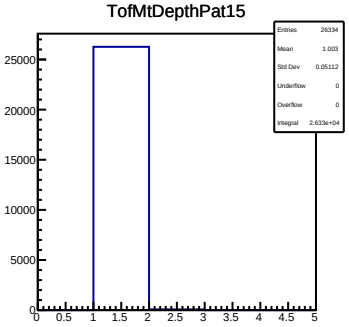

TofMt24

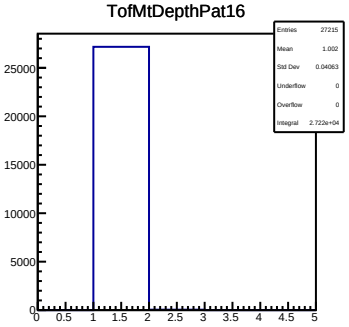

TofMtOr
×10^3
160
140
120
100
80
60
40
20
0
−10
0
10
20
30
40
50
60
70
80
90
Entries 3.66942e+08
Mean 13.27
Std Dev 9.669
Underflow 3.658e+08
Overflow 22
Integral 1.127e+06

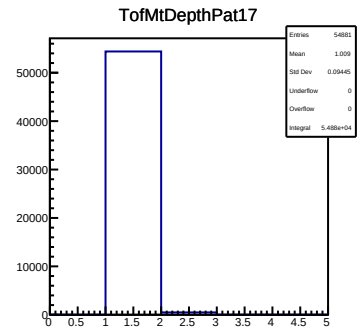

TofMtDepthPat1
Entries 137
Mean 1
Std Dev 0
Underflow 0
Overflow 0
Integral 137
TofMtDepthPat2
Entries 8555
Mean 1.001
Std Dev 0.02417
Underflow 0
Overflow 0
Integral 8555
TofMtDepthPat3
Entries 21015
Mean 1.001
Std Dev 0.02287
Underflow 0
Overflow 0
Integral 2.102e+04
TofMtDepthPat4
Entries 28074
Mean 1.001
Std Dev 0.02861
Underflow 0
Overflow 0
Integral 2.807e+04
TofMtDepthPat5
Entries 37739
Mean 1.001
Std Dev 0.02723
Underflow 0
Overflow 0
Integral 3.774e+04
TofMtDepthPat6
Entries 51952
Mean 1.004
Std Dev 0.06596
Underflow 0
Overflow 0
Integral 5.195e+04
TofMtDepthPat7
Entries 33265
Mean 1
Std Dev 0.02051
Underflow 0
Overflow 0
Integral 3.326e+04
TofMtDepthPat8
Entries 39916
Mean 1
Std Dev 0.01734
Underflow 0
Overflow 0
Integral 3.992e+04
TofMtDepthPat9
Entries 39984
Mean 1.001
Std Dev 0.03081
Underflow 0
Overflow 0
Integral 3.998e+04
TofMtDepthPat10
Entries 29849
Mean 1.001
Std Dev 0.03061
Underflow 0
Overflow 0
Integral 2.985e+04
TofMtDepthPat11
Entries 38309
Mean 1.002
Std Dev 0.04147
Underflow 0
Overflow 0
Integral 3.831e+04
TofMtDepthPat12
Entries 34007
Mean 1.001
Std Dev 0.0387
Underflow 0
Overflow 0
Integral 3.401e+04

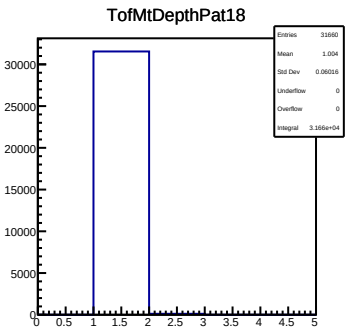

TofMtDepthPat13
Entries 29619
Mean 1.005
Std Dev 0.06859
Underflow 0
Overflow 0
Integral 2.962e+04

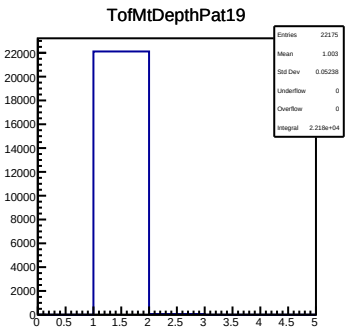

TofMtDepthPat14
Entries 23904
Mean 1.002
Std Dev 0.04569
Underflow 0
Overflow 0
Integral 2.39e+04

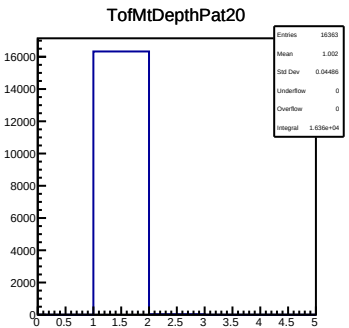

TofMtDepthPat15
Entries 26334
Mean 1.003
Std Dev 0.05112
Underflow 0
Overflow 0
Integral 2.633e+04

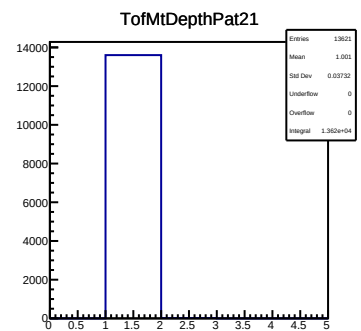

TofMtDepthPat16
Entries 27215
Mean 1.002
Std Dev 0.04063
Underflow 0
Overflow 0
Integral 2.722e+04

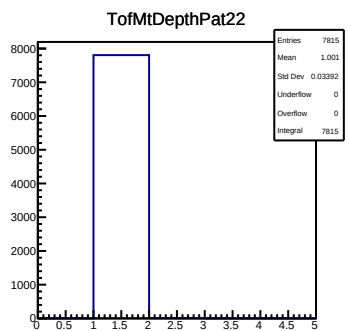

TofMtDepthPat17
Entries 54881
Mean 1.009
Std Dev 0.09445
Underflow 0
Overflow 0
Integral 5.488e+04

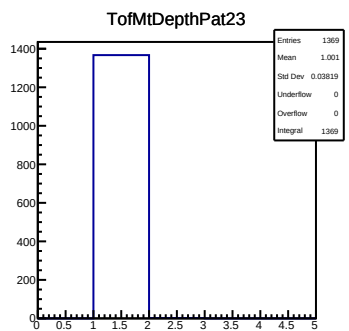

TofMtDepthPat18
Entries 31660
Mean 1.004
Std Dev 0.06016
Underflow 0
Overflow 0
Integral 3.166e+04

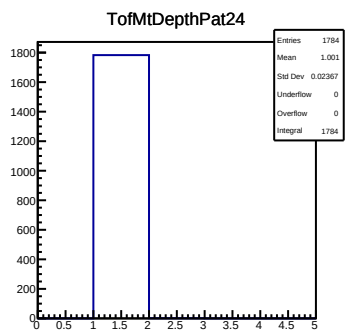

TofMtDepthPat19
Entries 22175
Mean 1.003
Std Dev 0.05238
Underflow 0
Overflow 0
Integral 2.218e+04

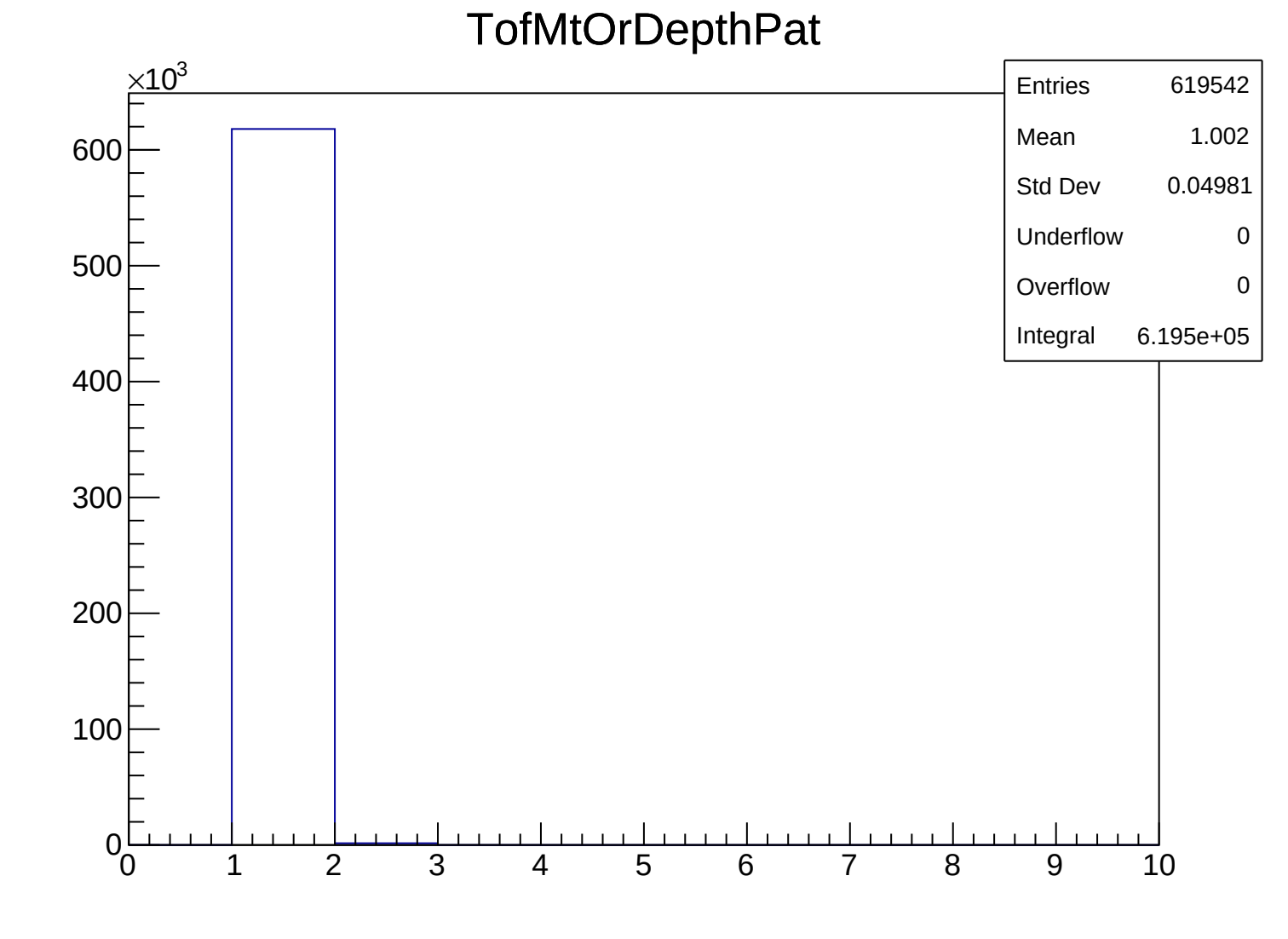

TofMtDepthPat20
Entries 16363
Mean 1.002
Std Dev 0.04486
Underflow 0
Overflow 0
Integral 1.636e+04

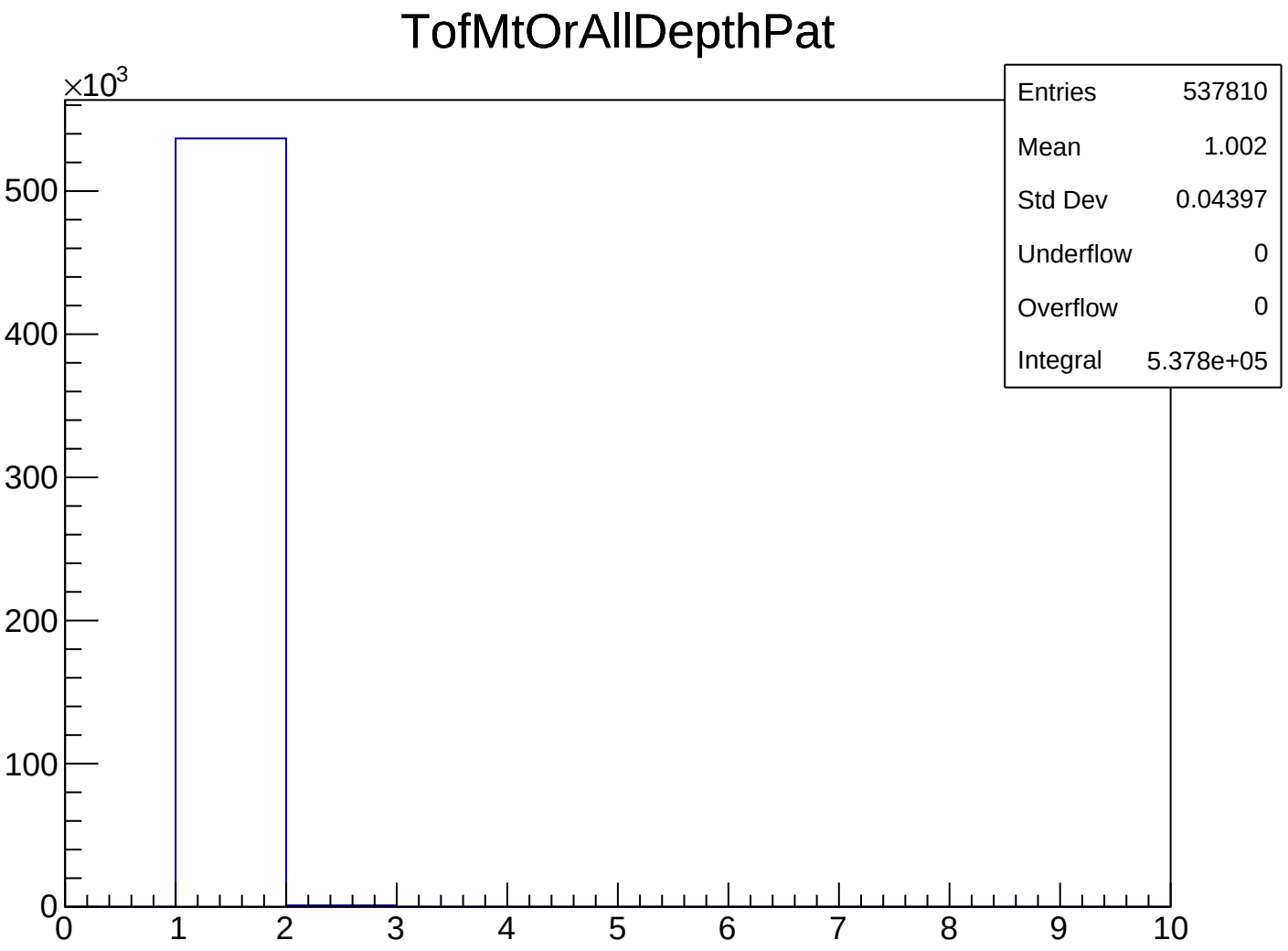

TofMtDepthPat21
Entries 13621
Mean 1.001
Std Dev 0.03732
Underflow 0
Overflow 0
Integral 1.362e+04

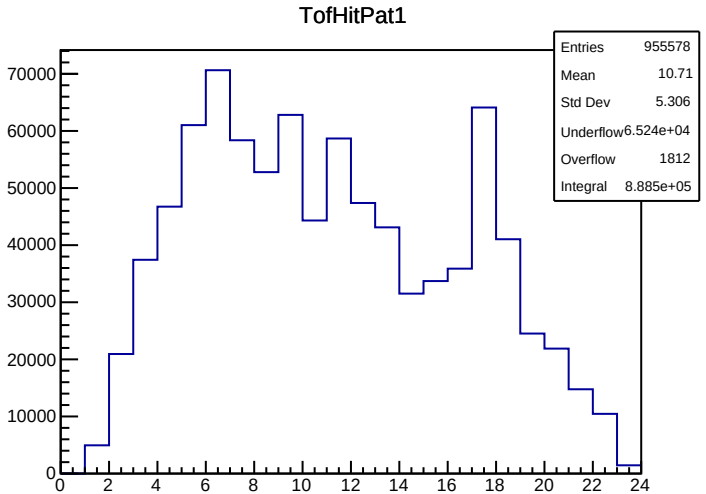

TofMtDepthPat22
Entries 7815
Mean 1.001
Std Dev 0.03392
Underflow 0
Overflow 0
Integral 7815

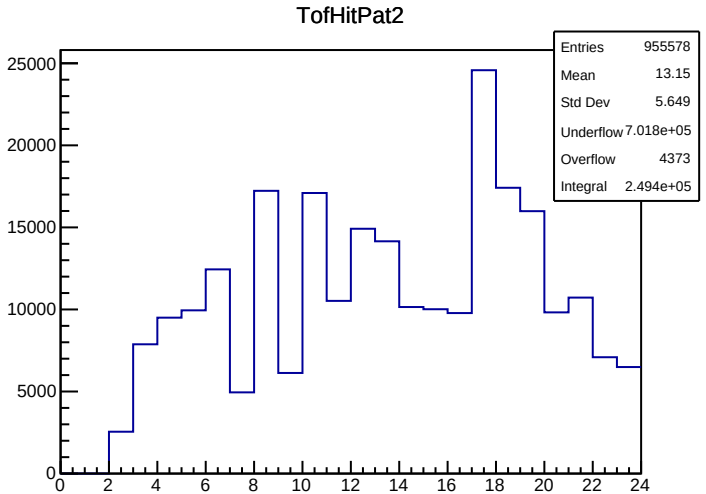

TofMtDepthPat23
Entries 1369
Mean 1.001
Std Dev 0.03819
Underflow 0
Overflow 0
Integral 1369

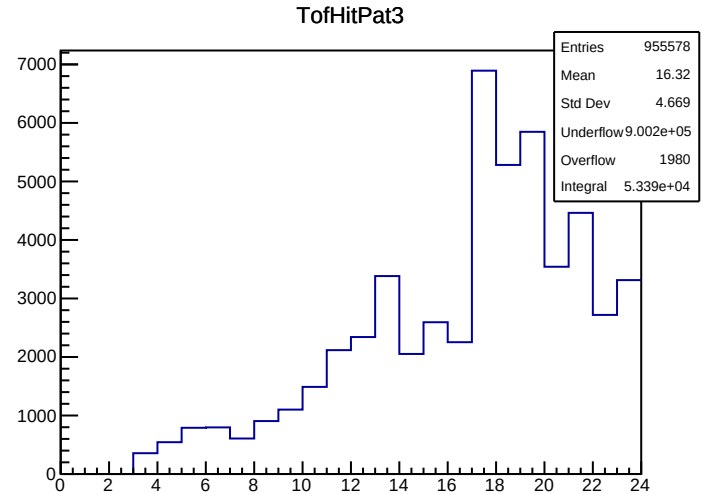

TofMtDepthPat24
Entries 1784
Mean 1.001
Std Dev 0.02367
Underflow 0
Overflow 0
Integral 1784

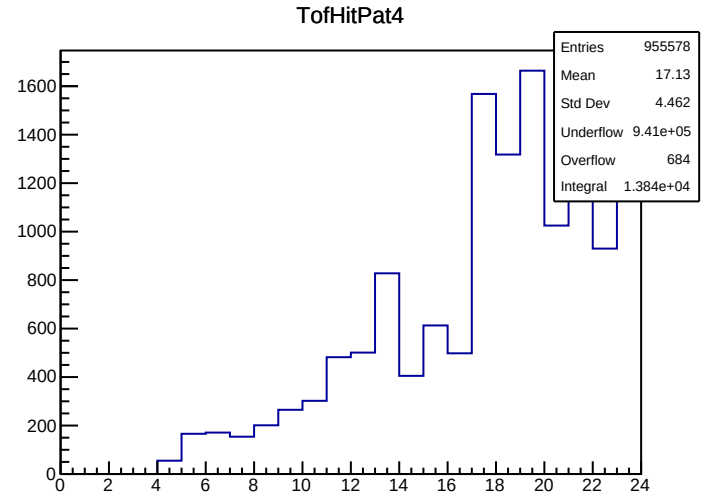

TofMtOrDepthPat
×10^3
600
500
400
300
200
100
0
0
1
2
3
4
5
6
7
8
9
10
Entries 619542
Mean 1.002
Std Dev 0.04981
Underflow 0
Overflow 0
Integral 6.195e+05

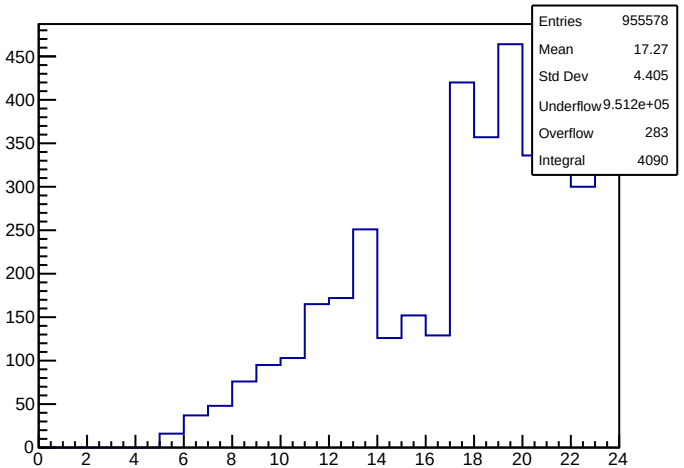

TofMtOrAllDepthPat
×10^3
500
400
300
200
100
0
0
1
2
3
4
5
6
7
8
9
10
Entries 537810
Mean 1.002
Std Dev 0.04397
Underflow 0
Overflow 0
Integral 5.378e+05

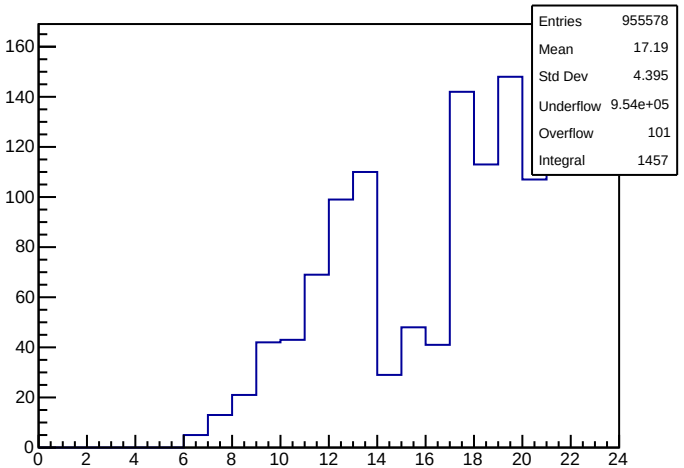

TofHitPat1
Entries 955578
Mean 10.71
Std Dev 5.306
Underflow 6.524e+04
Overflow 1812
Integral 8.885e+05

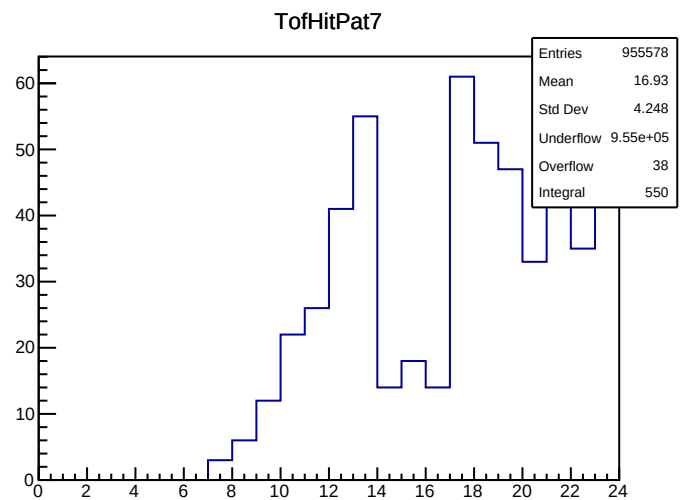

TofHitPat2
Entries 955578
Mean 13.15
Std Dev 5.649
Underflow 7.018e+05
Overflow 4373
Integral 2.494e+05

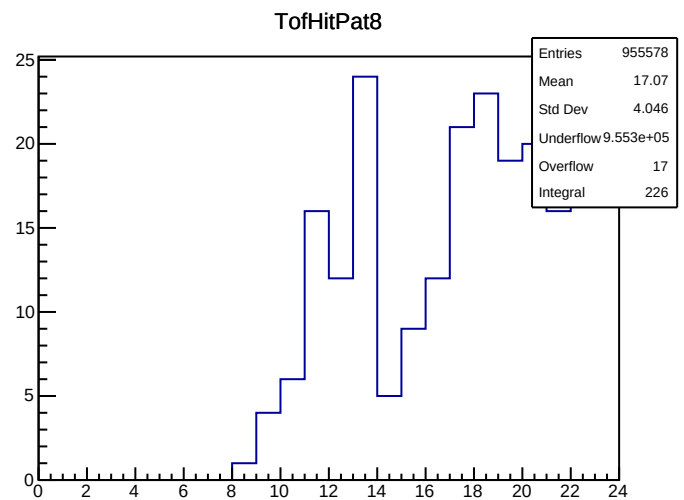

TofHitPat3
Entries 955578
Mean 16.32
Std Dev 4.669
Underflow 9.002e+05
Overflow 1980
Integral 5.339e+04

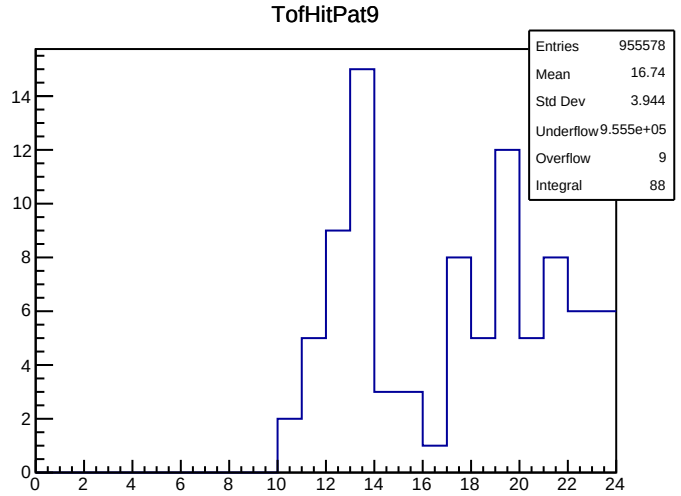

TofHitPat4
Entries 955578
Mean 17.13
Std Dev 4.462
Underflow 9.41e+05
Overflow 684
Integral 1.384e+04

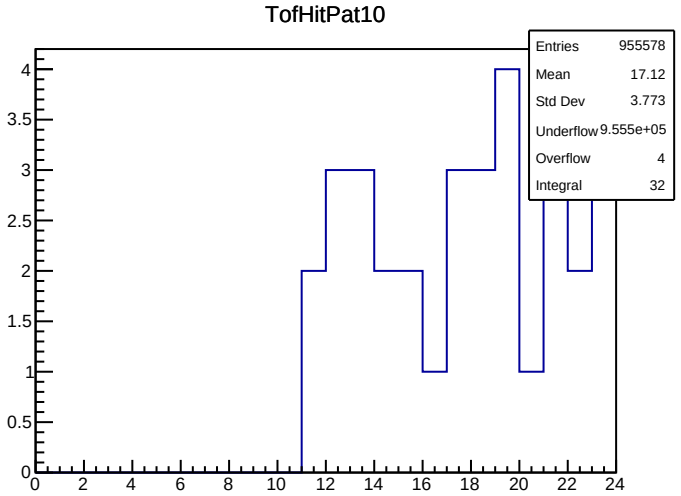

TofHitPat5
Entries 955578
Mean 17.27
Std Dev 4.405
Underflow 9.512e+05
Overflow 283
Integral 4090

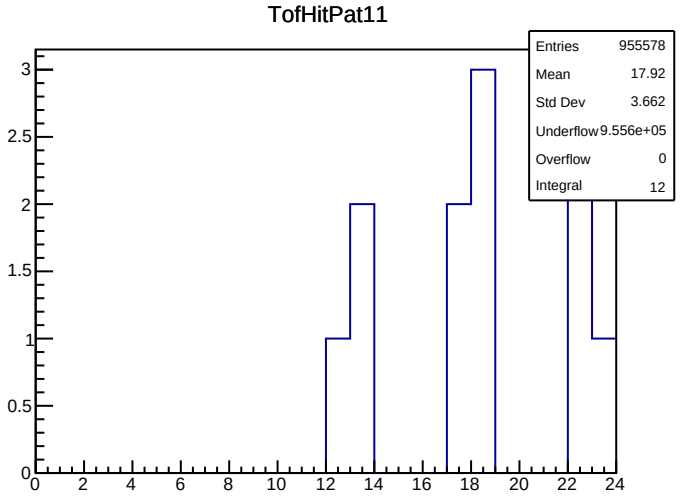

TofHitPat6
Entries 955578
Mean 17.19
Std Dev 4.395
Underflow 9.54e+05
Overflow 101
Integral 1457

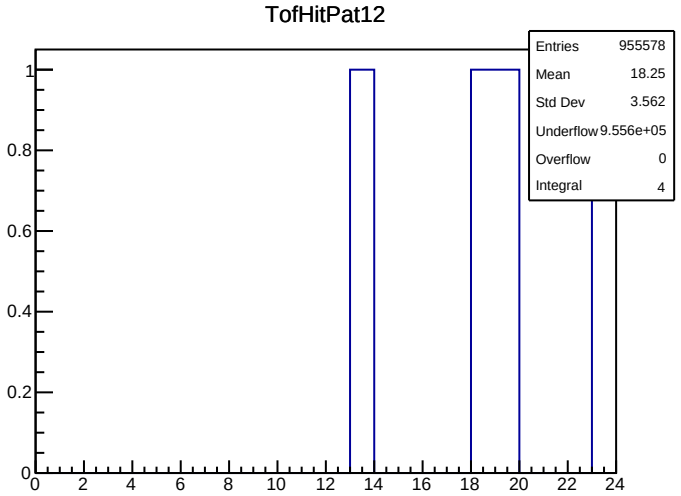

TofHitPat7
Entries 955578
Mean 16.93
Std Dev 4.248
Underflow 9.55e+05
Overflow 38
Integral 550

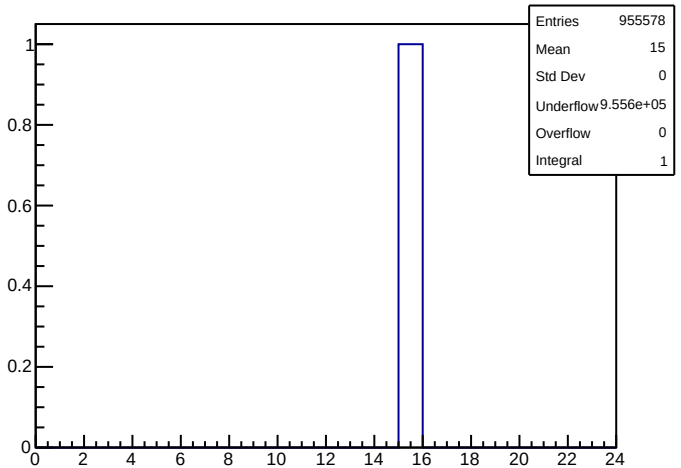

TofHitPat8
Entries 955578
Mean 17.07
Std Dev 4.046
Underflow 9.553e+05
Overflow 17
Integral 226

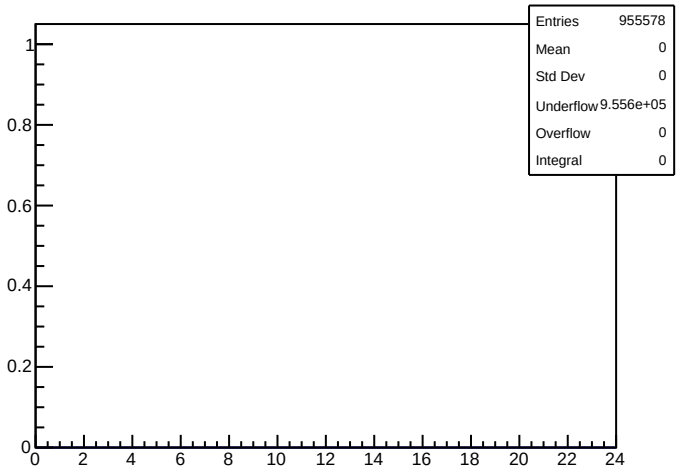

TofHitPat9
Entries 955578
Mean 16.74
Std Dev 3.944
Underflow 9.555e+05
Overflow 9
Integral 88

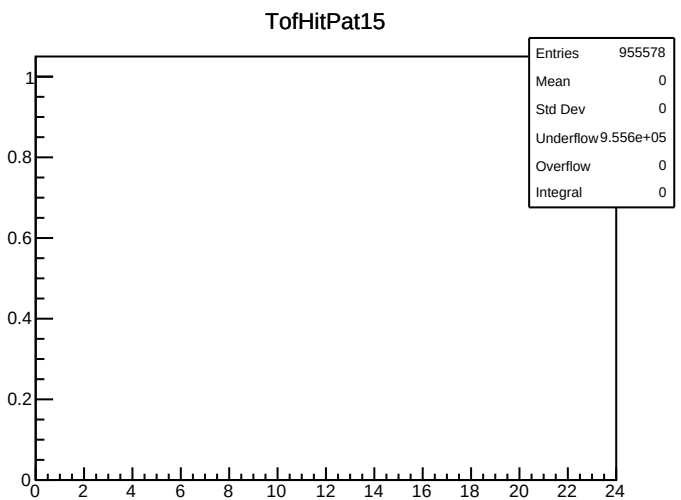

TofHitPat10
Entries 955578
Mean 17.12
Std Dev 3.773
Underflow 9.555e+05
Overflow 4
Integral 32

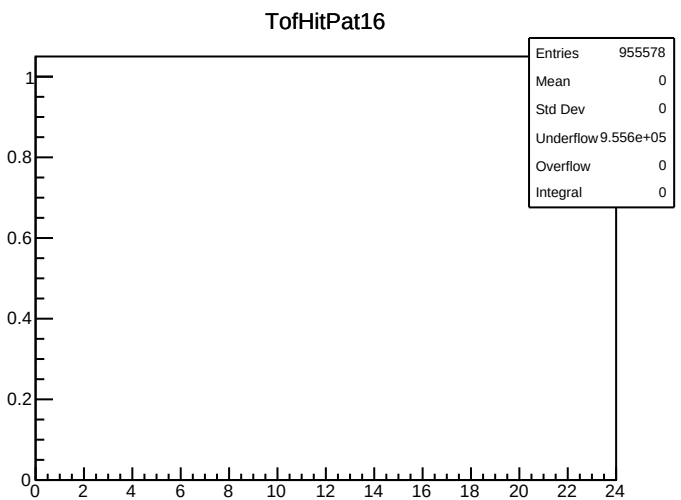

TofHitPat11
Entries 955578
Mean 17.92
Std Dev 3.662
Underflow 9.556e+05
Overflow 0
Integral 12

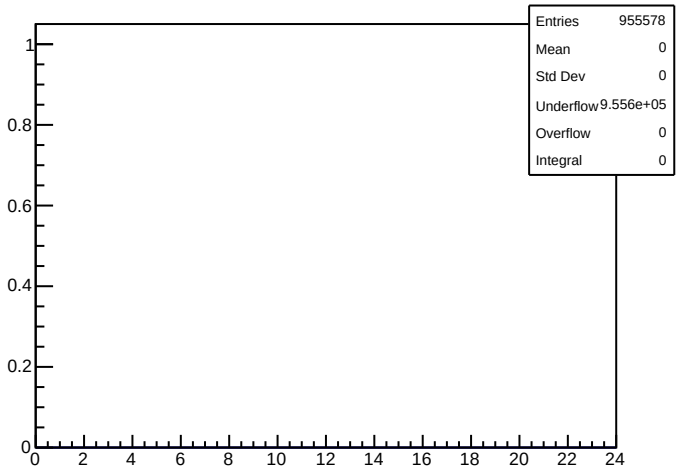

TofHitPat12
Entries 955578
Mean 18.25
Std Dev 3.562
Underflow 9.556e+05
Overflow 0
Integral 4

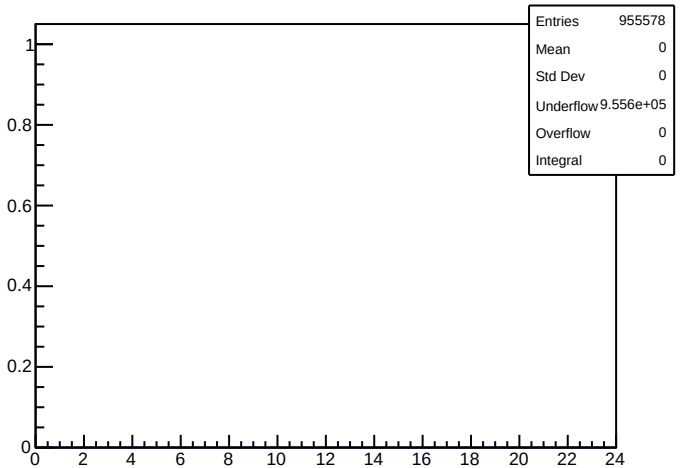

TofHitPat13
Entries 955578
Mean 15
Std Dev 0
Underflow 9.556e+05
Overflow 0
Integral 1

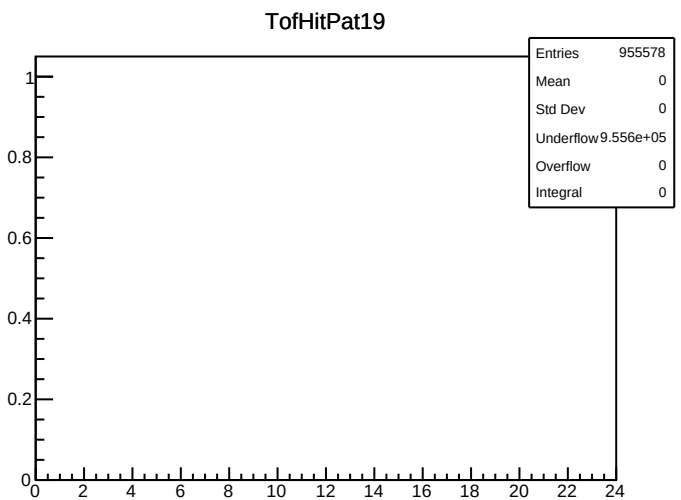

TofHitPat14
Entries 955578
Mean 0
Std Dev 0
Underflow 9.556e+05
Overflow 0
Integral 0

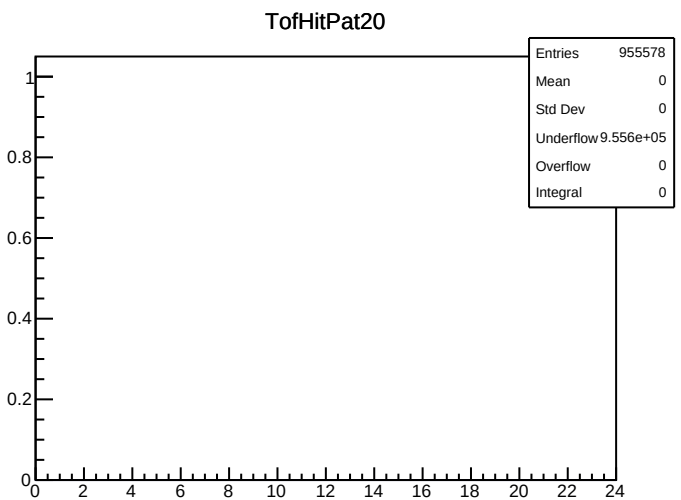

TofHitPat15
Entries 955578
Mean 0
Std Dev 0
Underflow 9.556e+05
Overflow 0
Integral 0

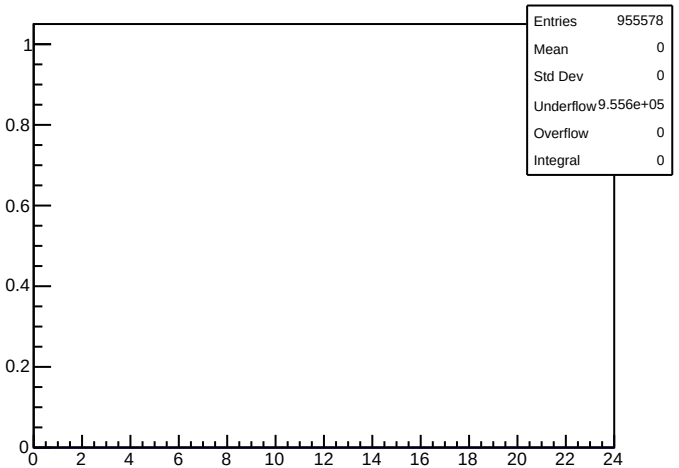

TofHitPat16
Entries 955578
Mean 0
Std Dev 0
Underflow 9.556e+05
Overflow 0
Integral 0

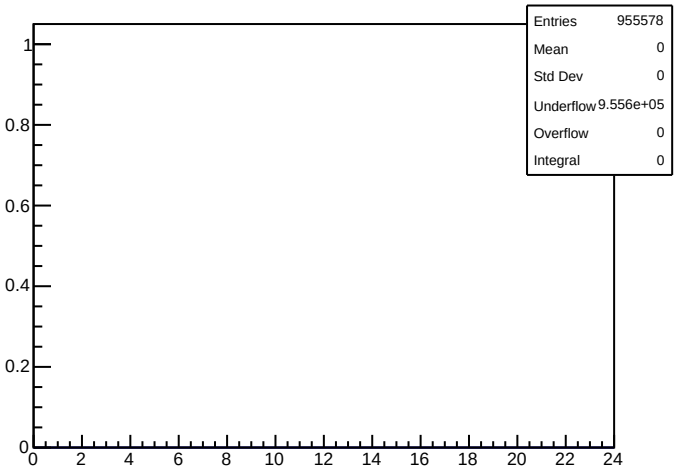

TofHitPat17
Entries 955578
Mean 0
Std Dev 0
Underflow 9.556e+05
Overflow 0
Integral 0

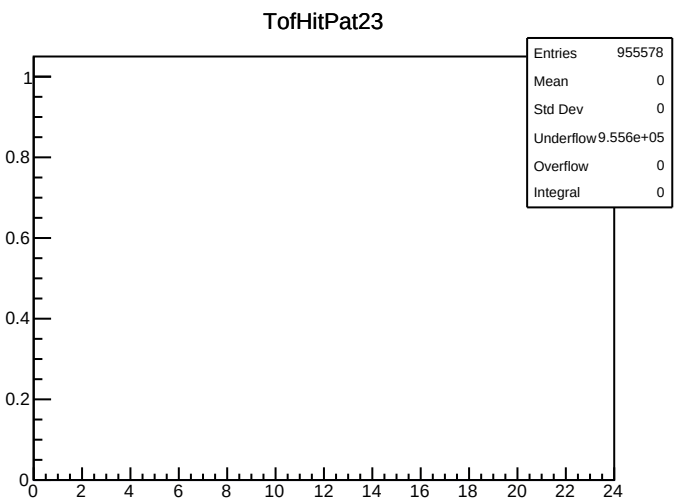

TofHitPat18
Entries 955578
Mean 0
Std Dev 0
Underflow 9.556e+05
Overflow 0
Integral 0

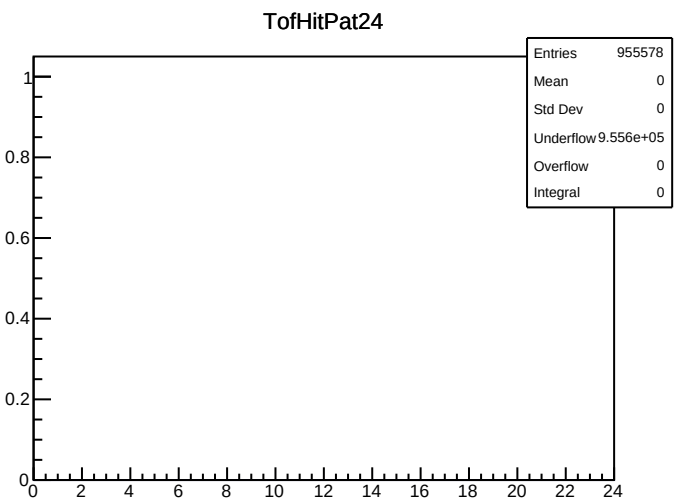

TofHitPat19
Entries 955578
Mean 0
Std Dev 0
Underflow 9.556e+05
Overflow 0
Integral 0

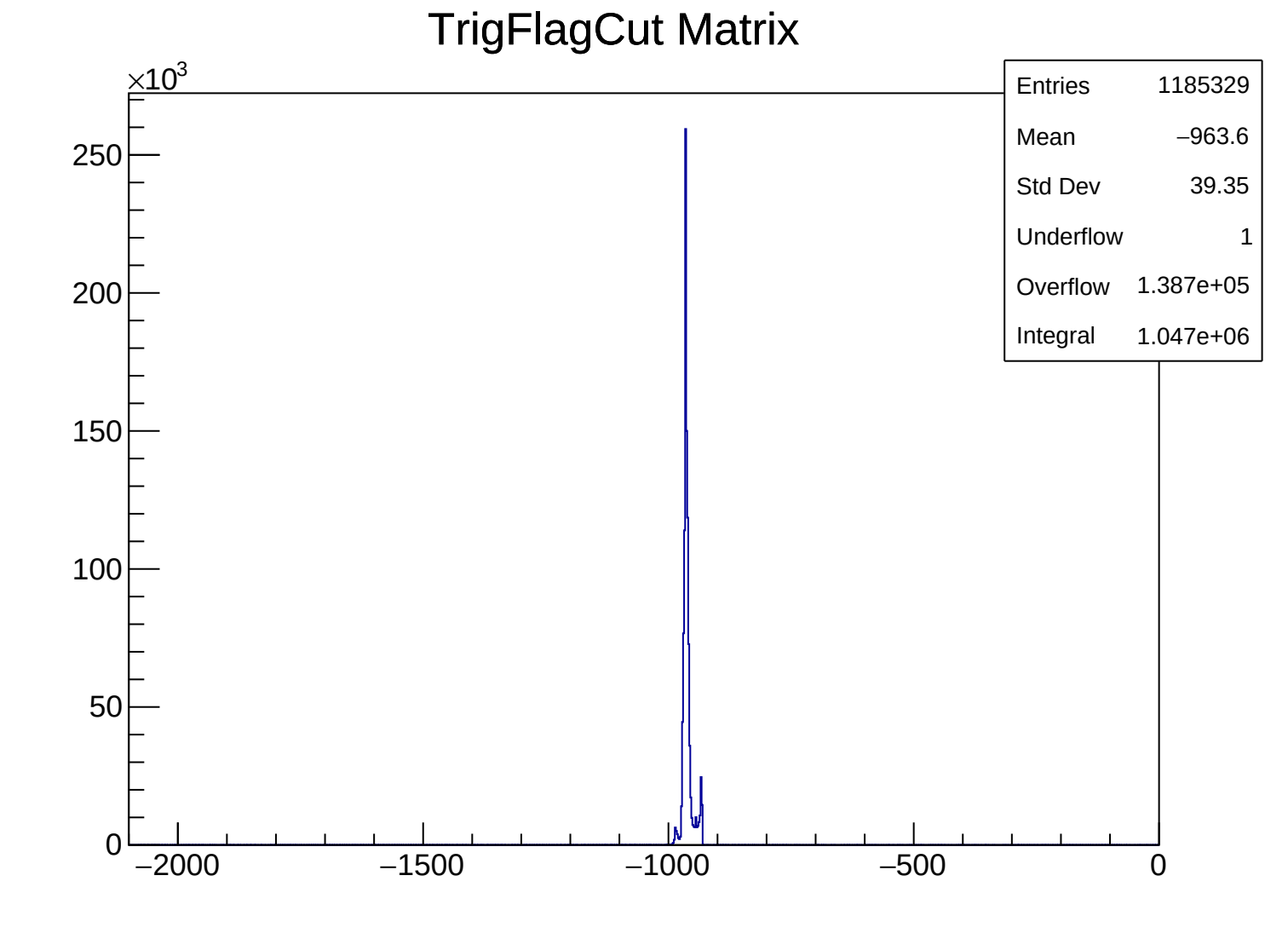

TofHitPat20
Entries 955578
Mean 0
Std Dev 0
Underflow 9.556e+05
Overflow 0
Integral 0

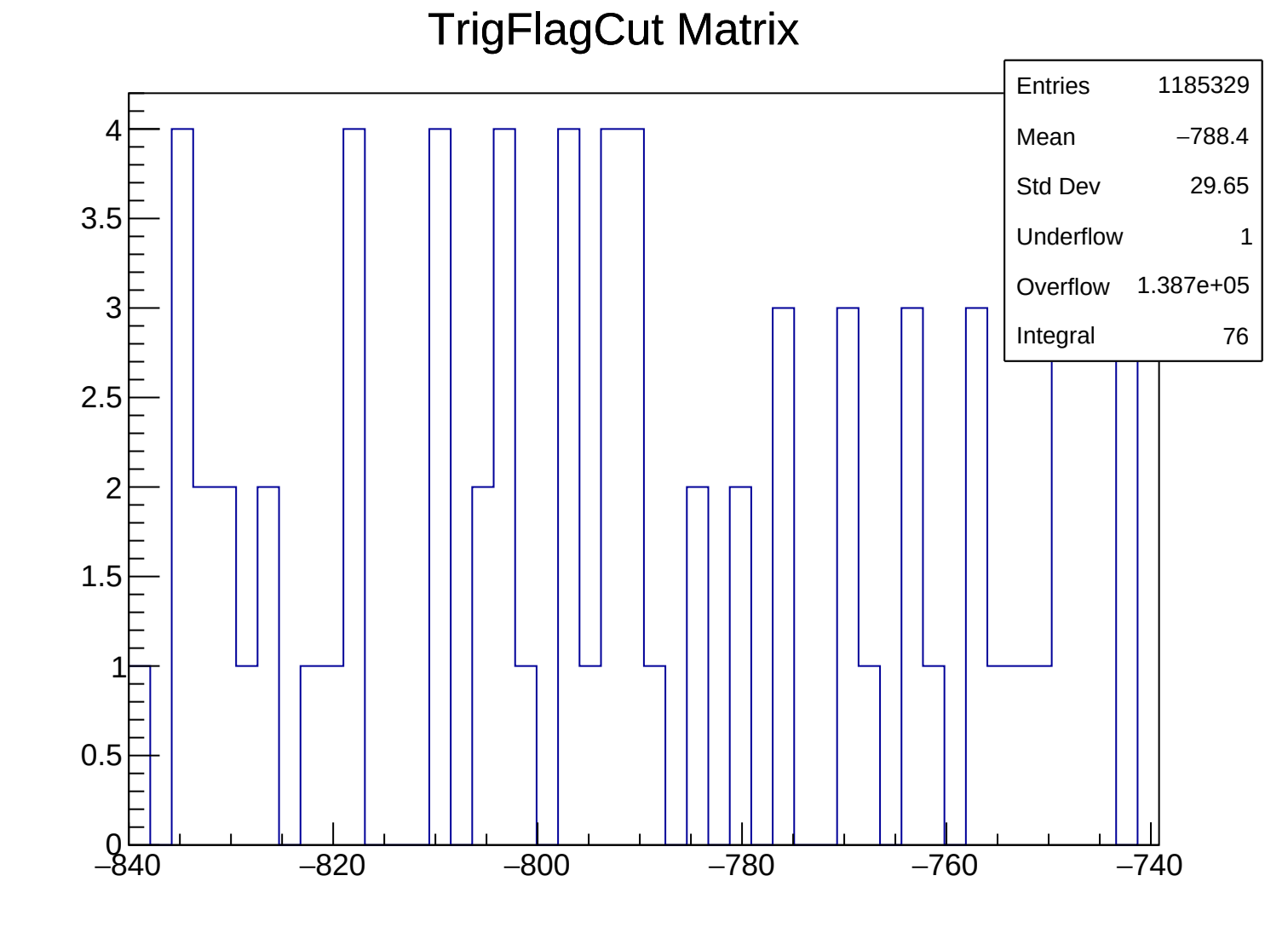

TofHitPat21
Entries 955578
Mean 0
Std Dev 0
Underflow 9.556e+05
Overflow 0
Integral 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 0.2 0.4 0.6 0.8 1

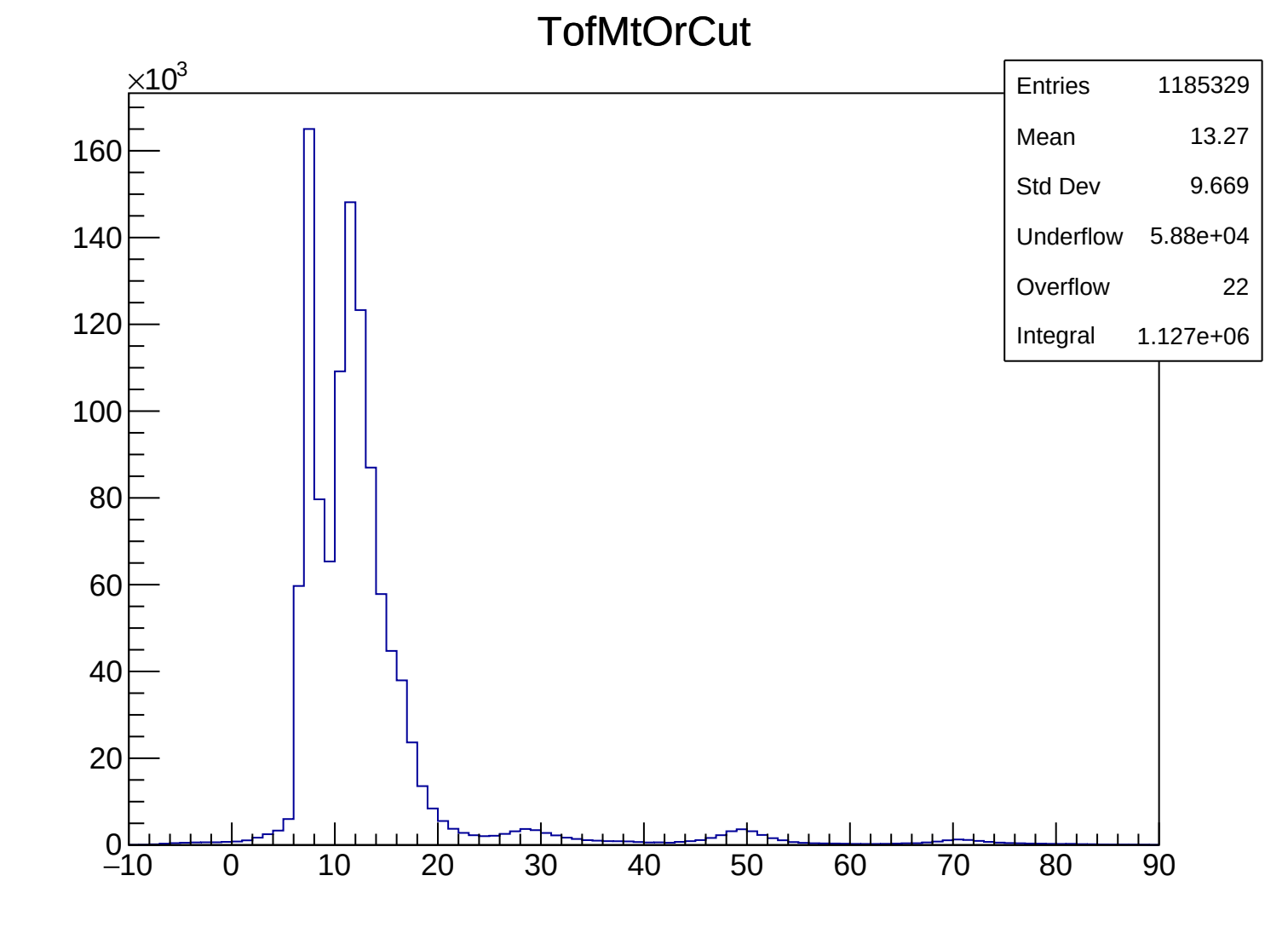

TofHitPat22
Entries 955578
Mean 0
Std Dev 0
Underflow 9.556e+05
Overflow 0
Integral 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 0.2 0.4 0.6 0.8 1

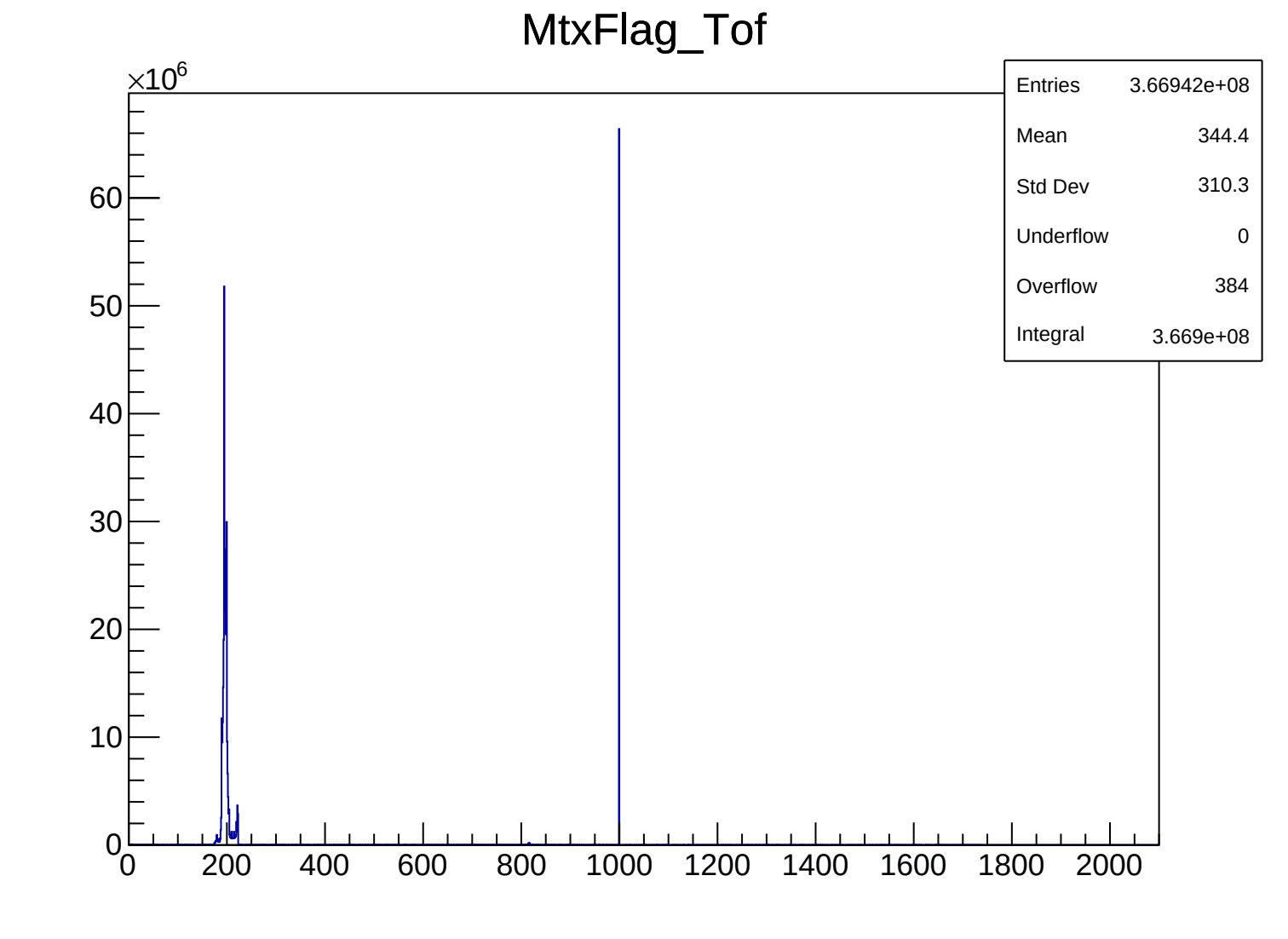

TofHitPat23
Entries 955578
Mean 0
Std Dev 0
Underflow 9.556e+05
Overflow 0
Integral 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 0.2 0.4 0.6 0.8 1

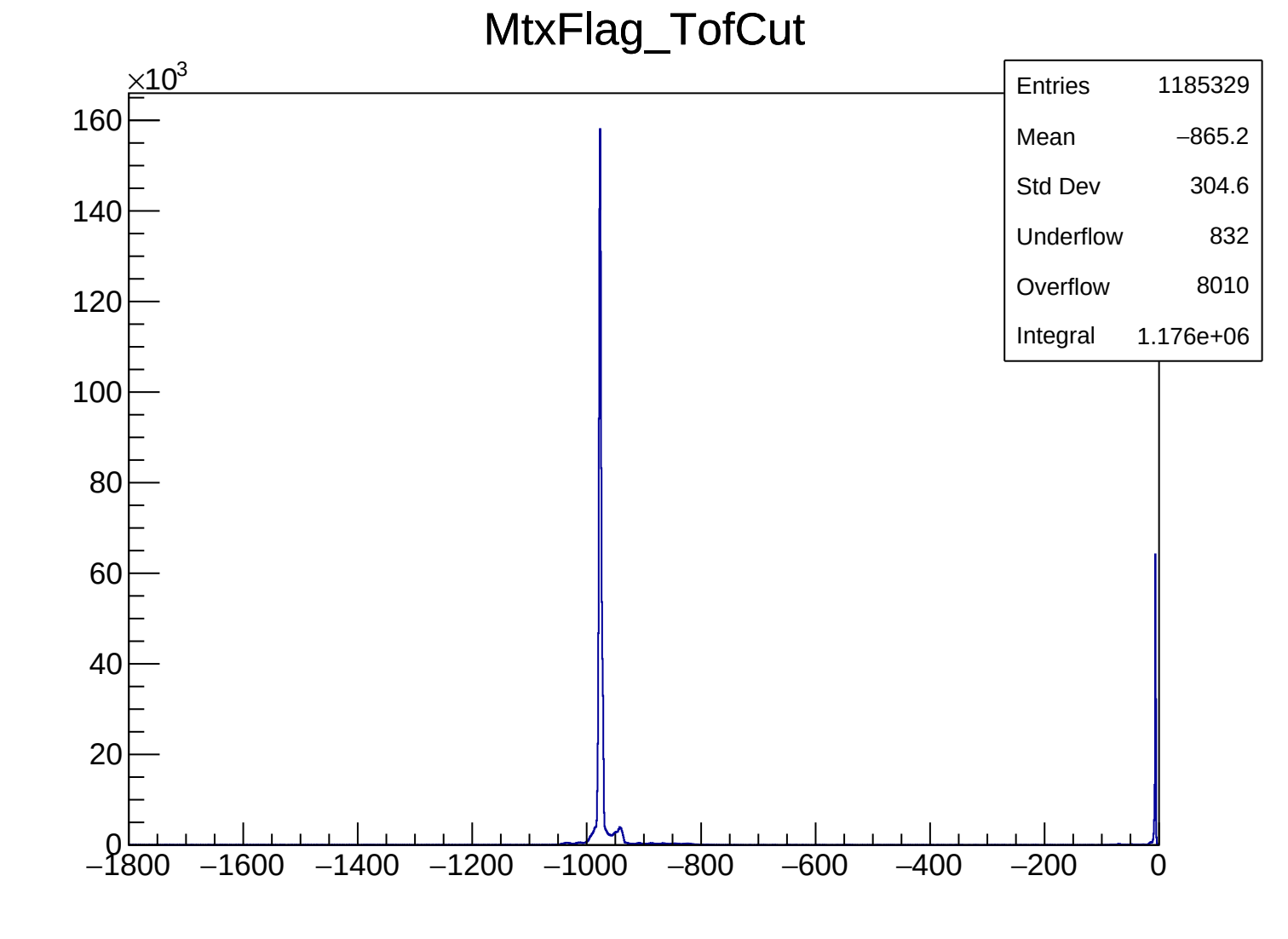

TofHitPat24
Entries 955578
Mean 0
Std Dev 0
Underflow 9.556e+05
Overflow 0
Integral 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 0.2 0.4 0.6 0.8 1

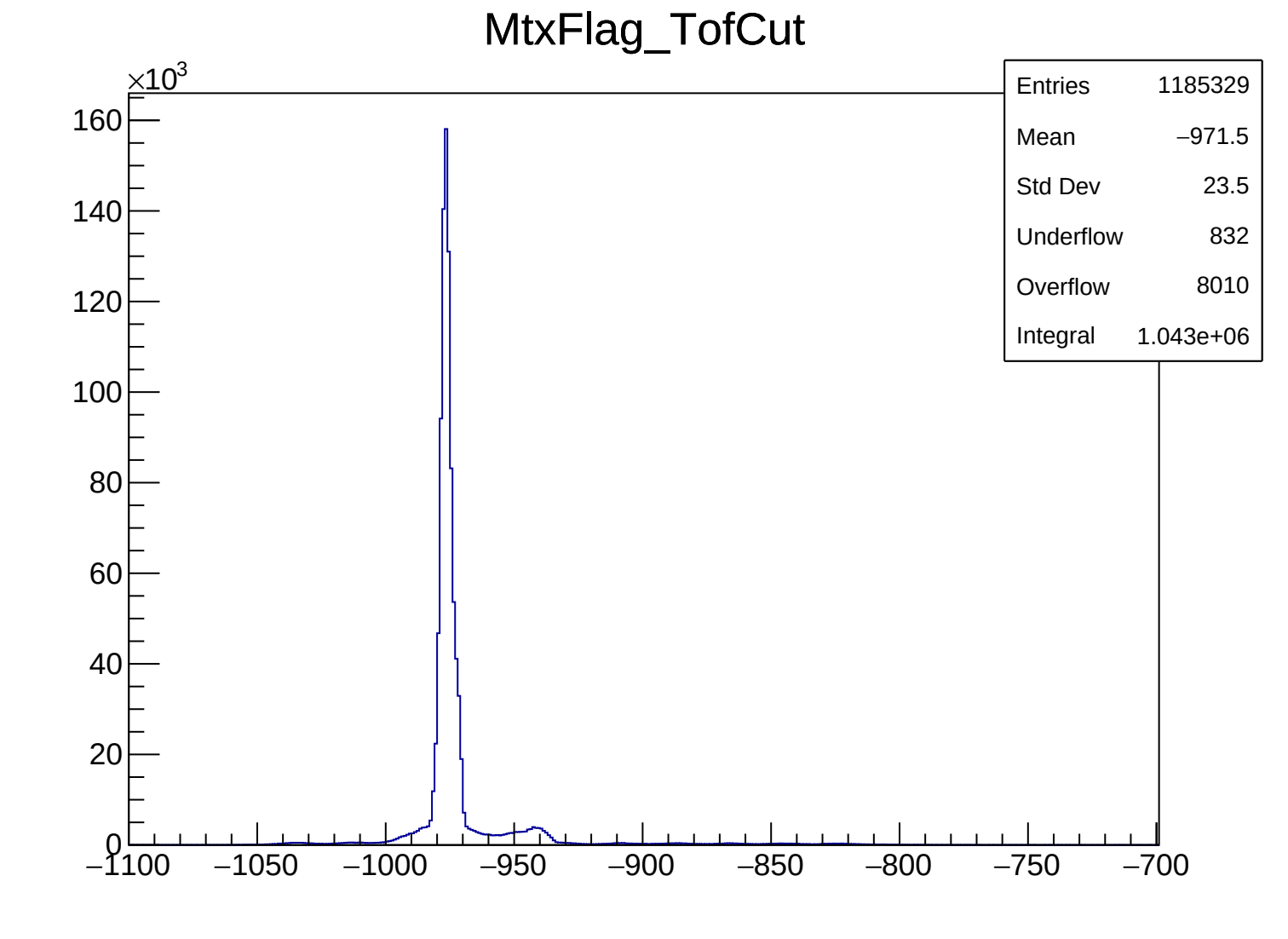

TrigFlagCut Matrix
×10^3
250
200
150
100
50
0
−2000
−1500
−1000
−500
0
Entries 1185329
Mean −963.6
Std Dev 39.35
Underflow 1
Overflow 1.387e+05
Integral 1.047e+06

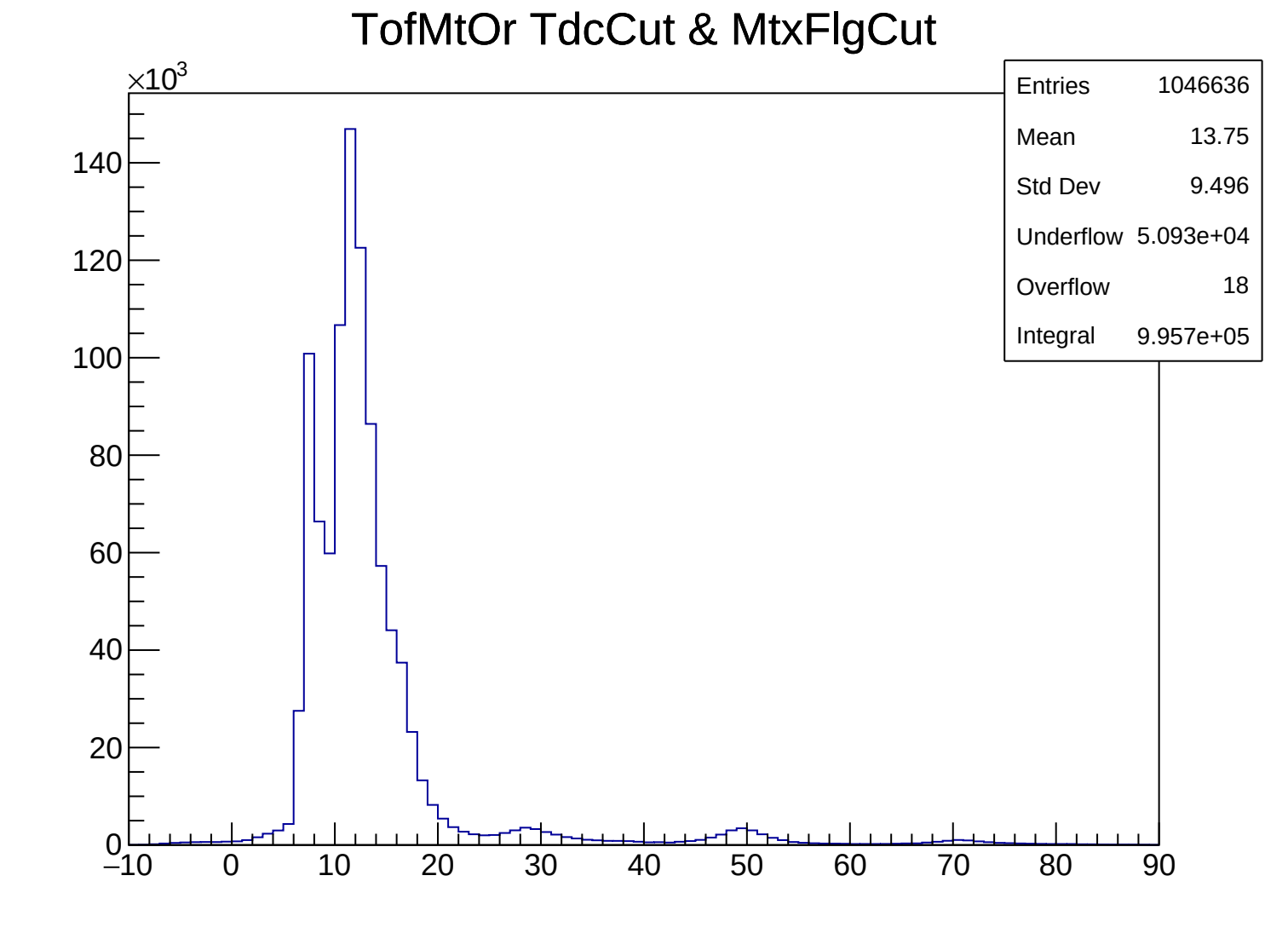

TrigFlagCut Matrix
Entries 1185329
Mean −788.4
Std Dev 29.65
Underflow 1
Overflow 1.387e+05
Integral 76
4
3.5
3
2.5
2
1.5
1
0.5
0
−840
−820
−800
−780
−760
−740

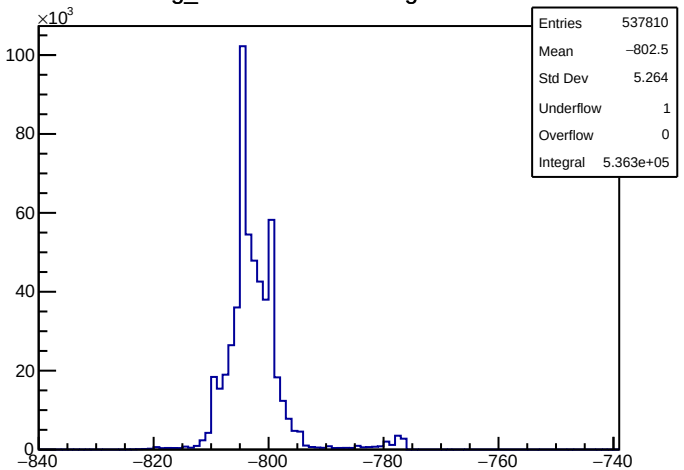

TofMtOrCut
×10^3
160
140
120
100
80
60
40
20
0
−10
0
10
20
30
40
50
60
70
80
90
Entries 1185329
Mean 13.27
Std Dev 9.669
Underflow 5.88e+04
Overflow 22
Integral 1.127e+06

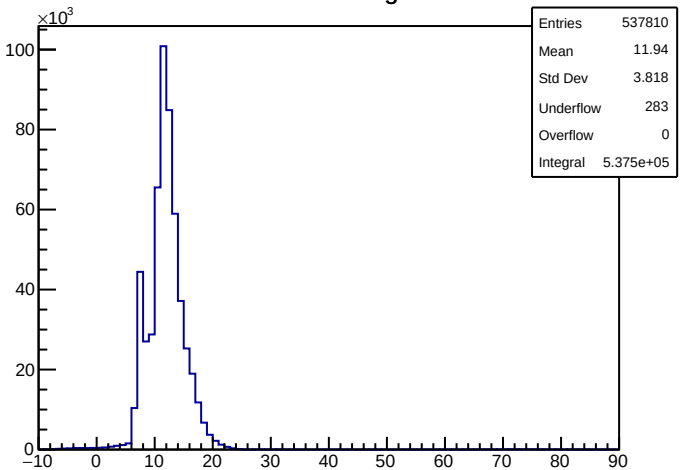

MtxFlag_Tof
×10^6
60
50
40
30
20
10
0
0
200
400
600
800
1000
1200
1400
1600
1800
2000
Entries 3.66942e+08
Mean 344.4
Std Dev 310.3
Underflow 0
Overflow 384
Integral 3.669e+08

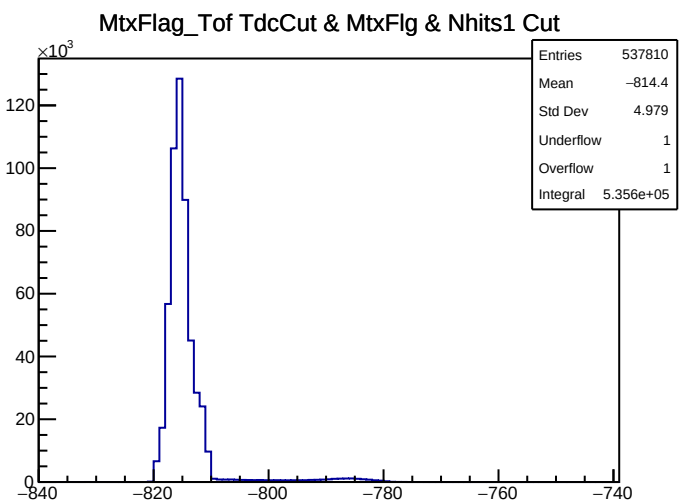

MtxFlag_TofCut
×10^3
160
140
120
100
80
60
40
20
0
−1800
−1600
−1400
−1200
−1000
−800
−600
−400
−200
0
Entries 1185329
Mean −865.2
Std Dev 304.6
Underflow 832
Overflow 8010
Integral 1.176e+06

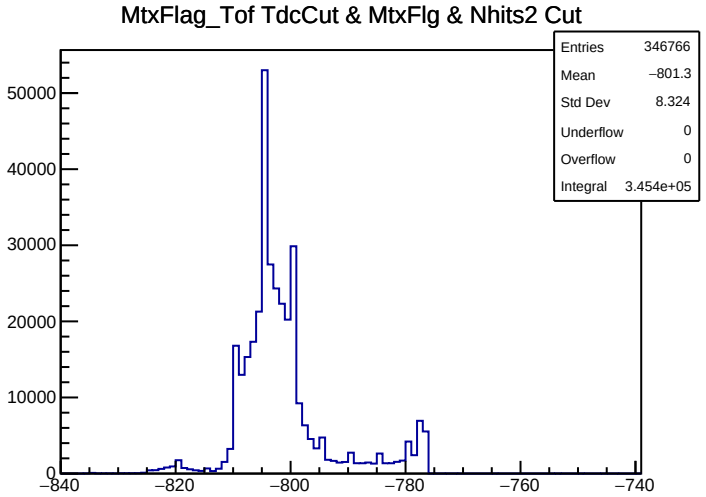

MtxFlag_TofCut
×10^3
160
140
120
100
80
60
40
20
0
−1100
−1050
−1000
−950
−900
−850
−800
−750
−700
Entries 1185329
Mean −971.5
Std Dev 23.5
Underflow 832
Overflow 8010
Integral 1.043e+06

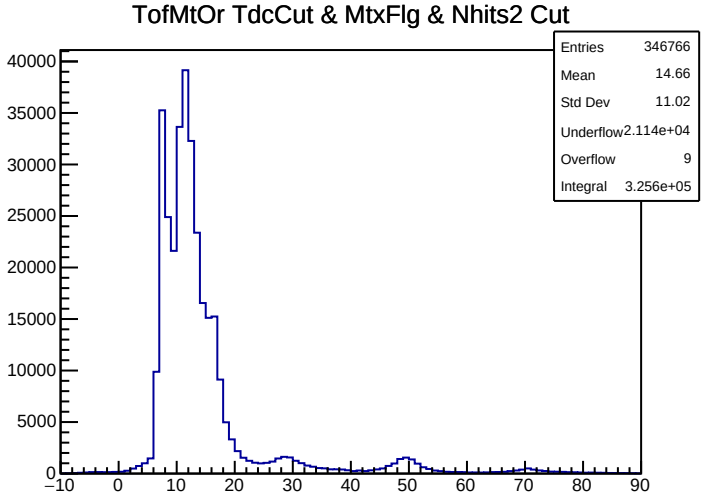

TofMtOr TdcCut & MtxFlgCut
×10^3
140
120
100
80
60
40
20
0
−10
0
10
20
30
40
50
60
70
80
90
Entries 1046636
Mean 13.75
Std Dev 9.496
Underflow 5.093e+04
Overflow 18
Integral 9.957e+05

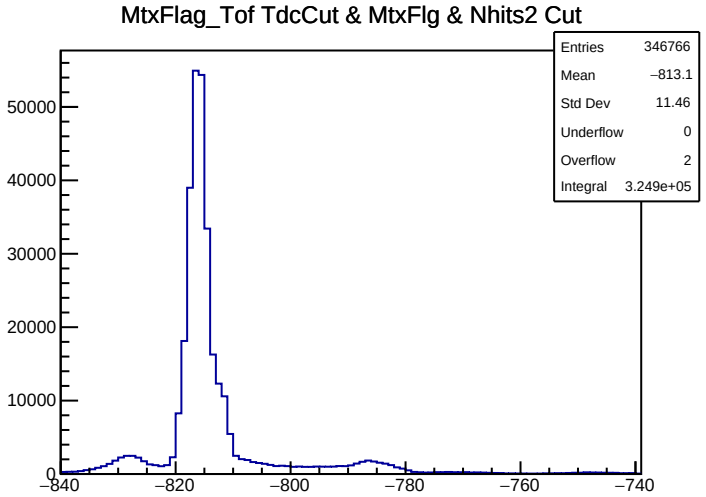

MtxFlag_Tof TdcCut & MtxFlg & Nhits1 Cut
×10^3
Entries 537810
Mean −802.5
Std Dev 5.264
Underflow 1
Overflow 0
Integral 5.363e+05
100
80
60
40
20
0
−840
−820
−800
−780
−760
−740

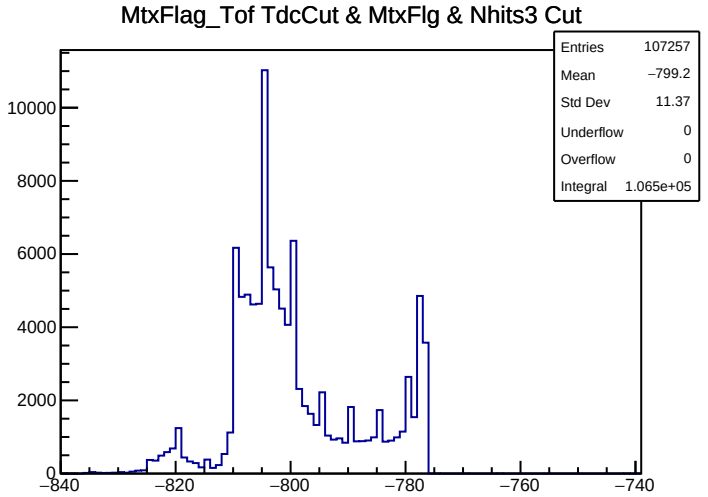

TofMtOr TdcCut & MtxFlg & Nhits1 Cut
×10^3
Entries 537810
Mean 11.94
Std Dev 3.818
Underflow 283
Overflow 0
Integral 5.375e+05
100
80
60
40
20
0
−10
0
10
20
30
40
50
60
70
80
90

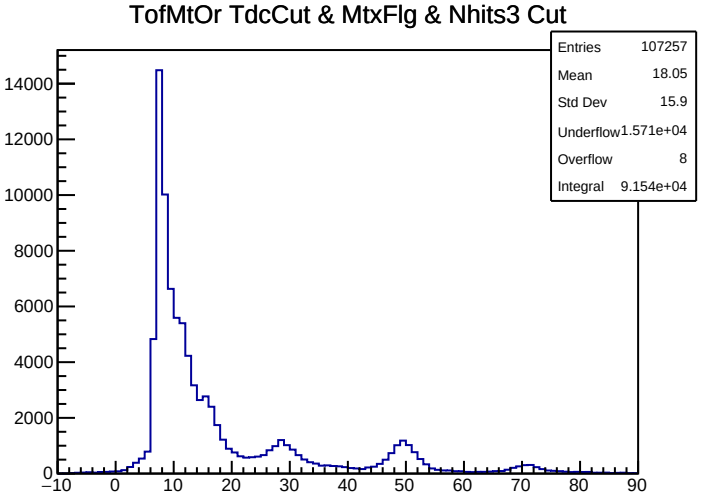

MtxFlag_Tof TdcCut & MtxFlg & Nhits1 Cut
×10^3
Entries 537810
Mean −814.4
Std Dev 4.979
Underflow 1
Overflow 1
Integral 5.356e+05
120
100
80
60
40
20
0
−840
−820
−800
−780
−760
−740

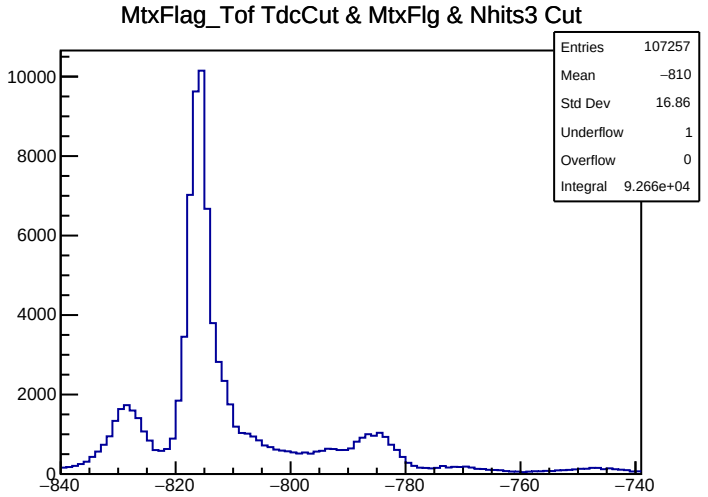

MtxFlag_Tof TdcCut & MtxFlg & Nhits2 Cut
Entries 346766
Mean −801.3
Std Dev 8.324
Underflow 0
Overflow 0
Integral 3.454e+05
50000
40000
30000
20000
10000
0
−840
−820
−800
−780
−760
−740

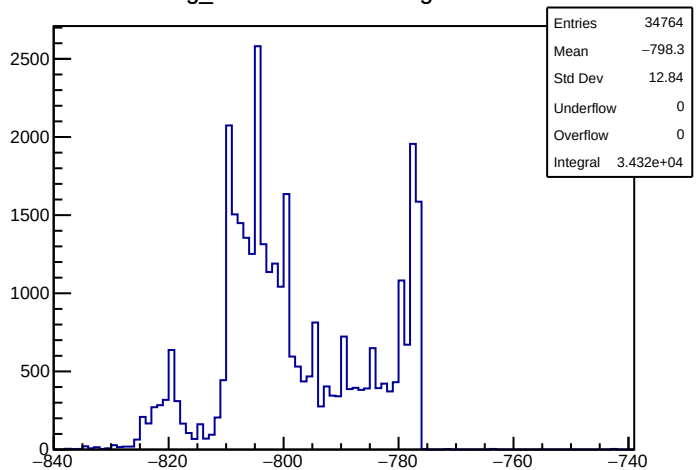

TofMtOr TdcCut & MtxFlg & Nhits2 Cut
Entries 346766
Mean 14.66
Std Dev 11.02
Underflow 2.114e+04
Overflow 9
Integral 3.256e+05
40000
35000
30000
25000
20000
15000
10000
5000
0
−10
0
10
20
30
40
50
60
70
80
90

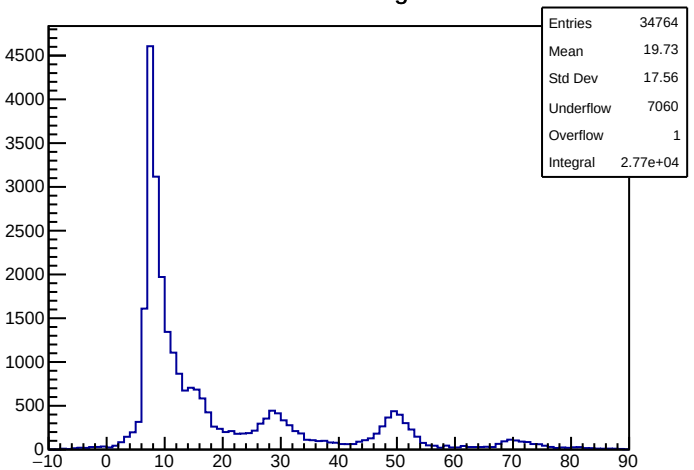

MtxFlag_Tof TdcCut & MtxFlg & Nhits2 Cut
Entries 346766
Mean −813.1
Std Dev 11.46
Underflow 0
Overflow 2
Integral 3.249e+05
50000
40000
30000
20000
10000
0
−840
−820
−800
−780
−760
−740

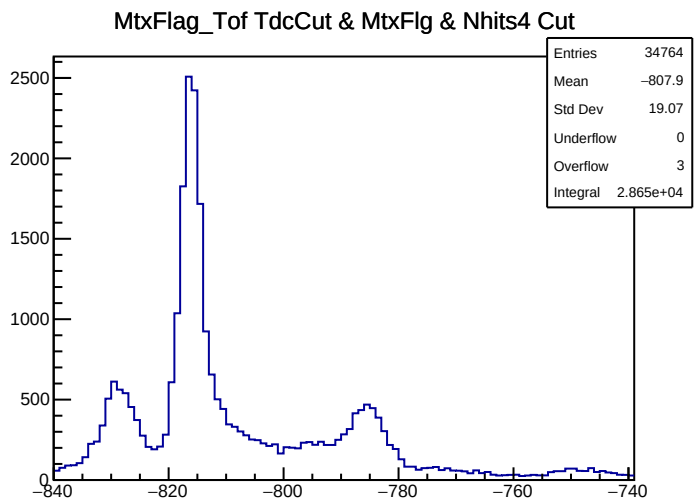

MtxFlag_Tof TdcCut & MtxFlg & Nhits3 Cut
Entries 107257
Mean −799.2
Std Dev 11.37
Underflow 0
Overflow 0
Integral 1.065e+05
10000
8000
6000
4000
2000
0
−840
−820
−800
−780
−760
−740

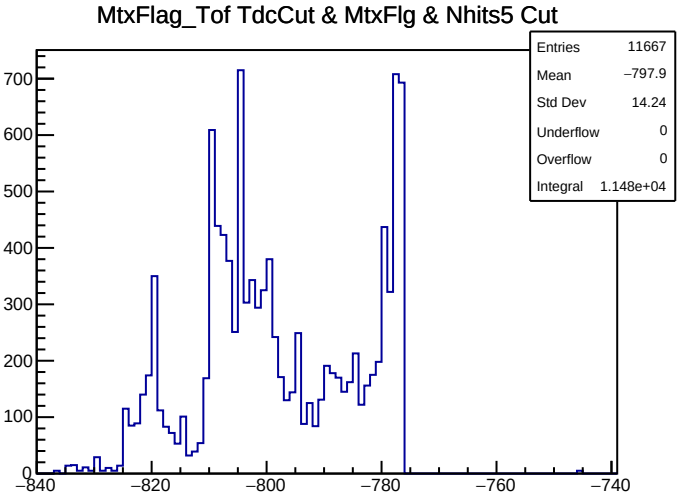

TofMtOr TdcCut & MtxFlg & Nhits3 Cut
Entries 107257
Mean 18.05
Std Dev 15.9
Underflow 1.571e+04
Overflow 8
Integral 9.154e+04
14000
12000
10000
8000
6000
4000
2000
0
−10
0
10
20
30
40
50
60
70
80
90

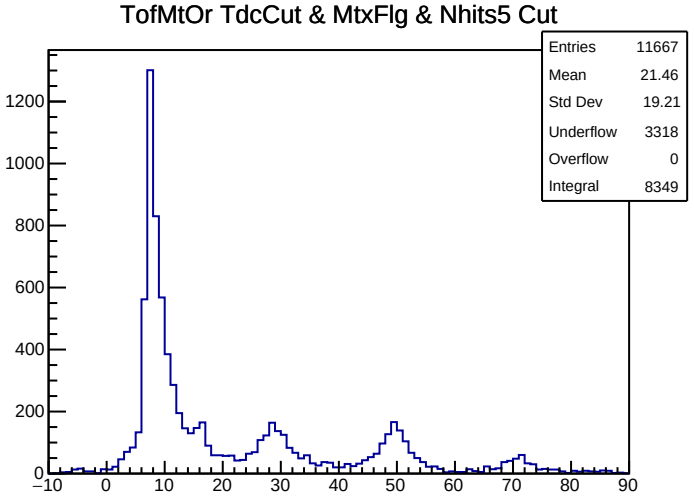

MtxFlag_Tof TdcCut & MtxFlg & Nhits3 Cut
Entries 107257
Mean −810
Std Dev 16.86
Underflow 1
Overflow 0
Integral 9.266e+04
10000
8000
6000
4000
2000
0
−840
−820
−800
−780
−760
−740

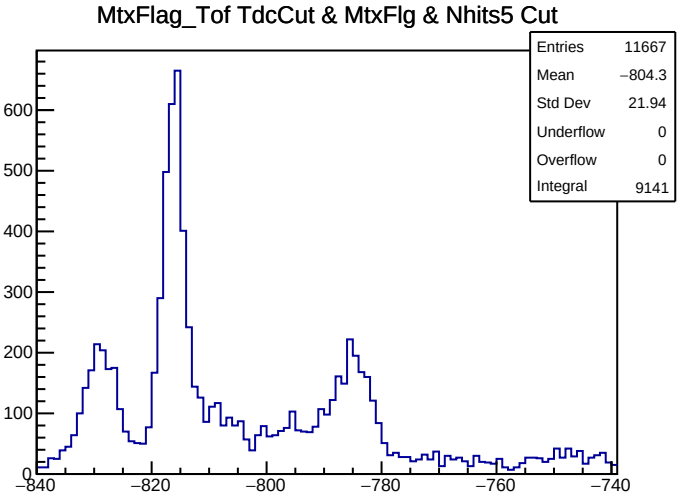

MtxFlag_Tof TdcCut & MtxFlg & Nhits4 Cut
Entries 34764
Mean −798.3
Std Dev 12.84
Underflow 0
Overflow 0
Integral 3.432e+04
2500
2000
1500
1000
500
0
−840
−820
−800
−780
−760
−740

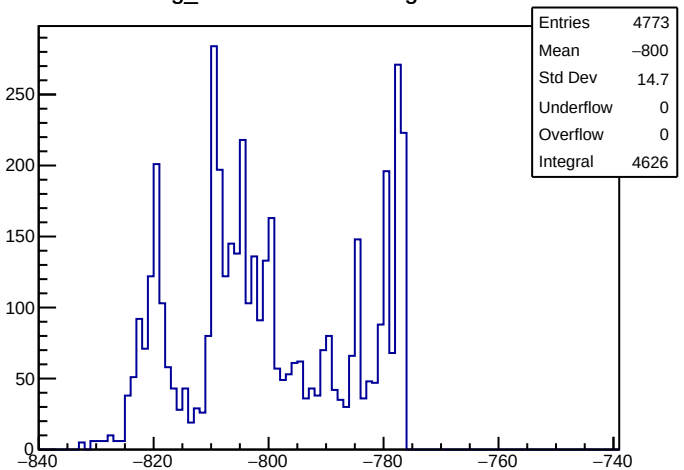

TofMtOr TdcCut & MtxFlg & Nhits4 Cut
Entries 34764
Mean 19.73
Std Dev 17.56
Underflow 7060
Overflow 1
Integral 2.77e+04
4500
4000
3500
3000
2500
2000
1500
1000
500
0
−10
0
10
20
30
40
50
60
70
80
90

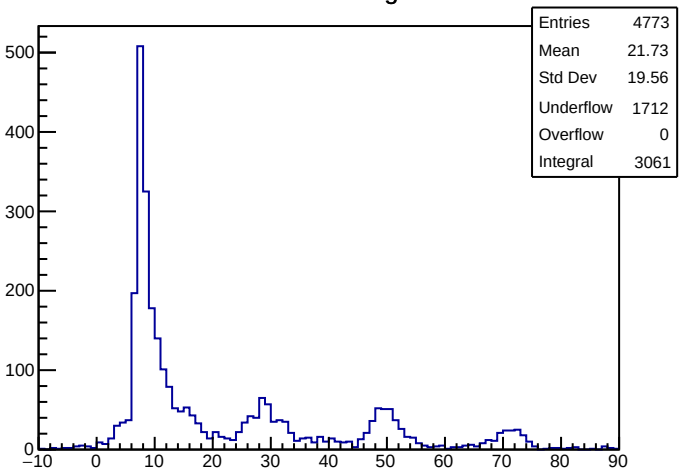

MtxFlag_Tof TdcCut & MtxFlg & Nhits4 Cut
Entries 34764
Mean −807.9
Std Dev 19.07
Underflow 0
Overflow 3
Integral 2.865e+04
2500
2000
1500
1000
500
0
−840
−820
−800
−780
−760
−740


MtxFlag_Tof TdcCut & MtxFlg & Nhits5 Cut
Entries 11667
Mean −797.9
Std Dev 14.24
Underflow 0
Overflow 0
Integral 1.148e+04
700
600
500
400
300
200
100
0
−840
−820
−800
−780
−760
−740


TofMtOr TdcCut & MtxFlg & Nhits5 Cut
Entries 11667
Mean 21.46
Std Dev 19.21
Underflow 3318
Overflow 0
Integral 8349
1200
1000
800
600
400
200
0
−10
0
10
20
30
40
50
60
70
80
90


MtxFlag_Tof TdcCut & MtxFlg & Nhits5 Cut
Entries 11667
Mean −804.3
Std Dev 21.94
Underflow 0
Overflow 0
Integral 9141
600
500
400
300
200
100
0
−840
−820
−800
−780
−760
−740


MtxFlag_Tof TdcCut & MtxFlg & Nhits6 Cut
Entries 4773
Mean −800
Std Dev 14.7
Underflow 0
Overflow 0
Integral 4626
250
200
150
100
50
0
−840
−820
−800
−780
−760
−740


TofMtOr TdcCut & MtxFlg & Nhits6 Cut
Entries 4773
Mean 21.73
Std Dev 19.56
Underflow 1712
Overflow 0
Integral 3061
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400
300
200
100
0
−10
0
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20
30
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60
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80
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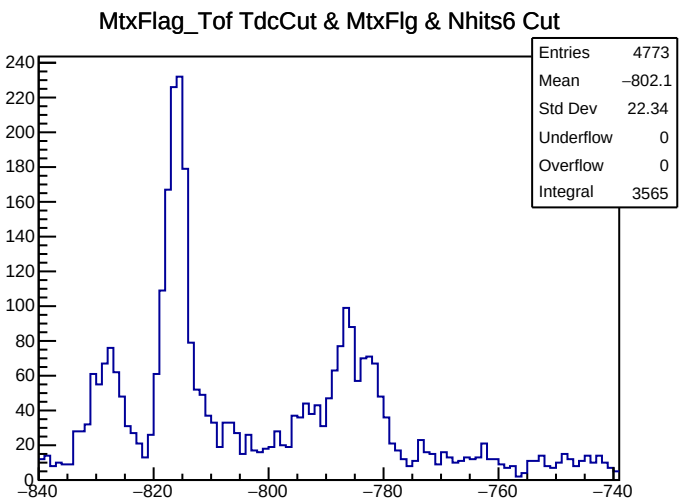
MtxFlag_Tof TdcCut & MtxFlg & Nhits6 Cut
Entries 4773
Mean −802.1
Std Dev 22.34
Underflow 0
Overflow 0
Integral 3565
240
220
200
180
160
140
120
100
80
60
40
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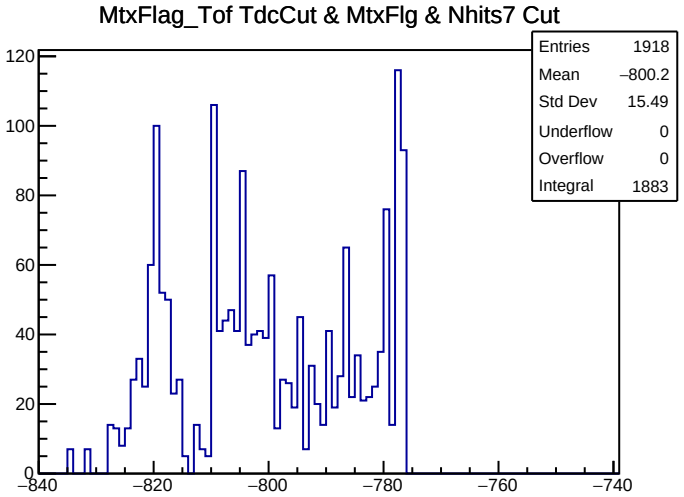
MtxFlag_Tof TdcCut & MtxFlg & Nhits7 Cut
Entries 1918
Mean −800.2
Std Dev 15.49
Underflow 0
Overflow 0
Integral 1883
120
100
80
60
40
20
0
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−800
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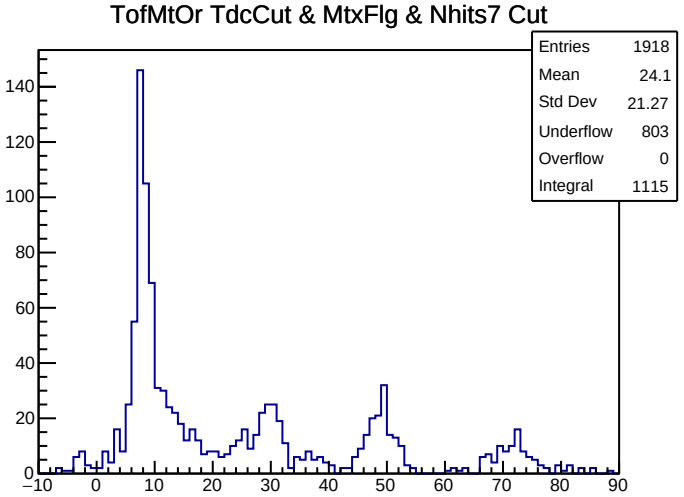
TofMtOr TdcCut & MtxFlg & Nhits7 Cut
Entries 1918
Mean 24.1
Std Dev 21.27
Underflow 803
Overflow 0
Integral 1115
140
120
100
80
60
40
20
0
−10
0
10
20
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80
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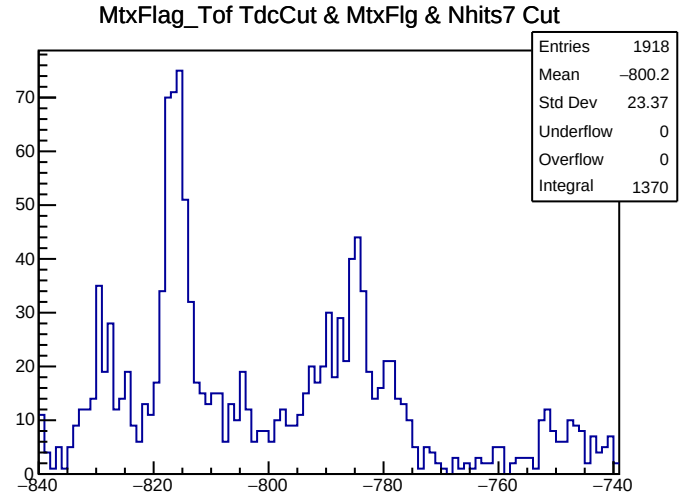
MtxFlag_Tof TdcCut & MtxFlg & Nhits7 Cut
Entries 1918
Mean −800.2
Std Dev 23.37
Underflow 0
Overflow 0
Integral 1370
70
60
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40
30
20
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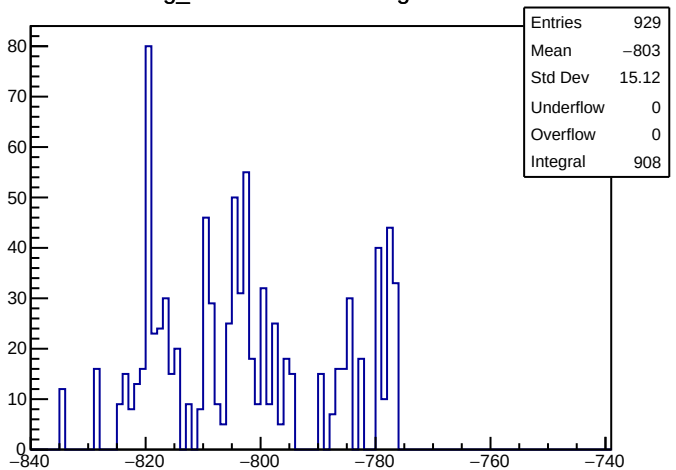
MtxFlag_Tof TdcCut & MtxFlg & Nhits8 Cut
Entries 929
Mean −803
Std Dev 15.12
Underflow 0
Overflow 0
Integral 908
80
70
60
50
40
30
20
10
0
−840
−820
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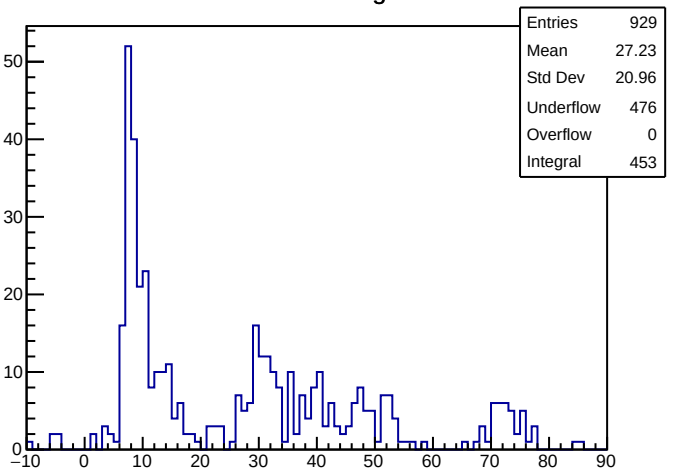
−760
−740


TofMtOr TdcCut & MtxFlg & Nhits8 Cut
Entries 929
Mean 27.23
Std Dev 20.96
Underflow 476
Overflow 0
Integral 453
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40
30
20
10
0
−10
0
10
20
30
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60
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80
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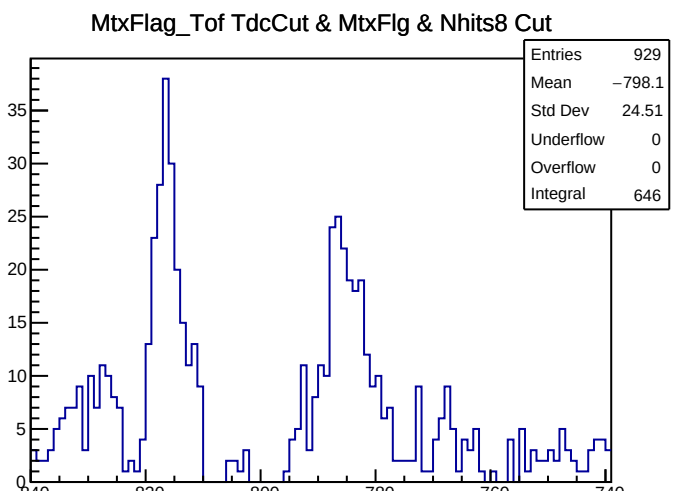
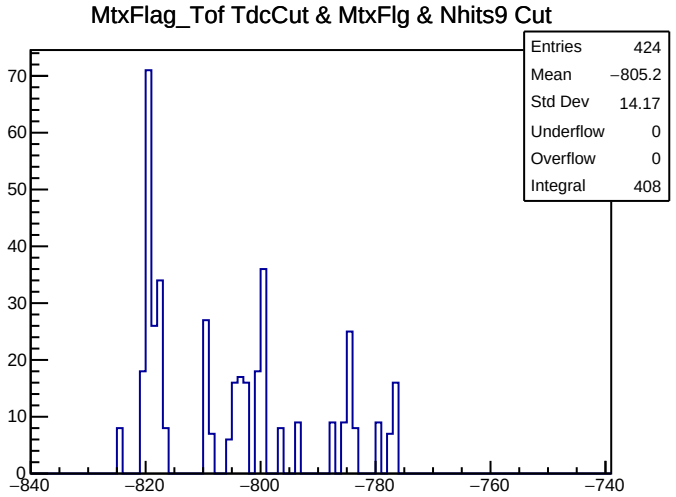
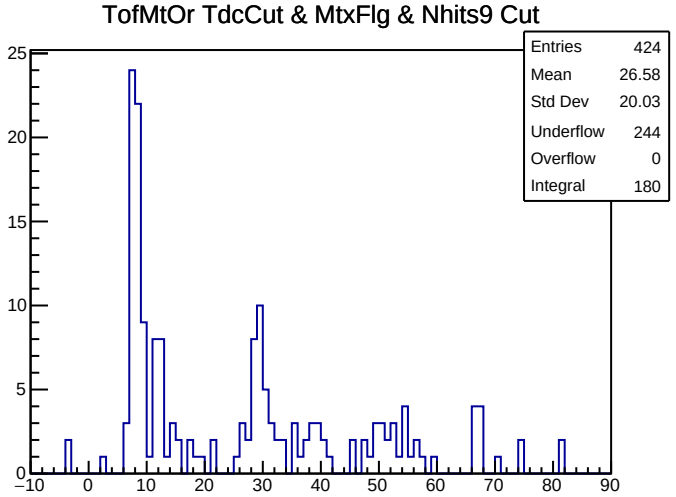
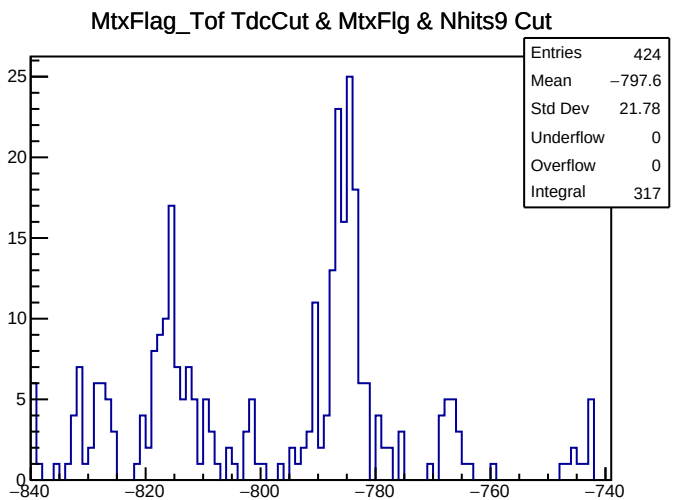
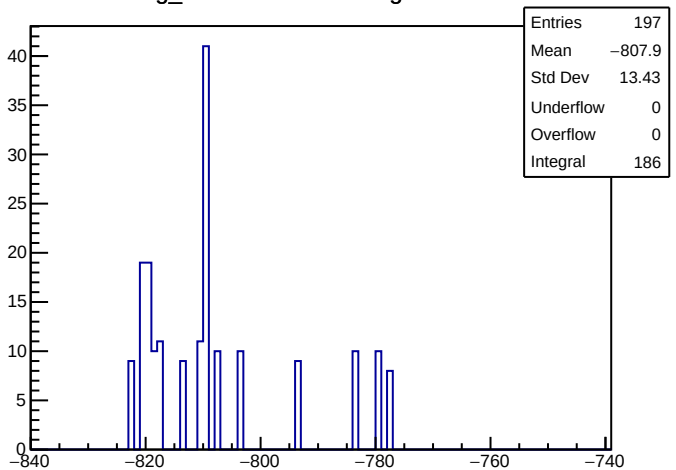
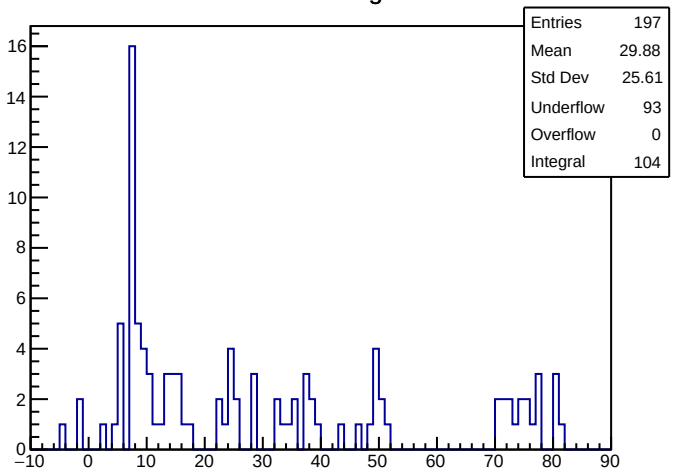

MtxFlag_Tof TdcCut & MtxFlg & Nhits8 Cut
Entries 929
Mean −798.1
Std Dev 24.51
Underflow 0
Overflow 0
Integral 646
35
30
25
20
15
10
5
0
−840
−820
−800
−780
−760
−740

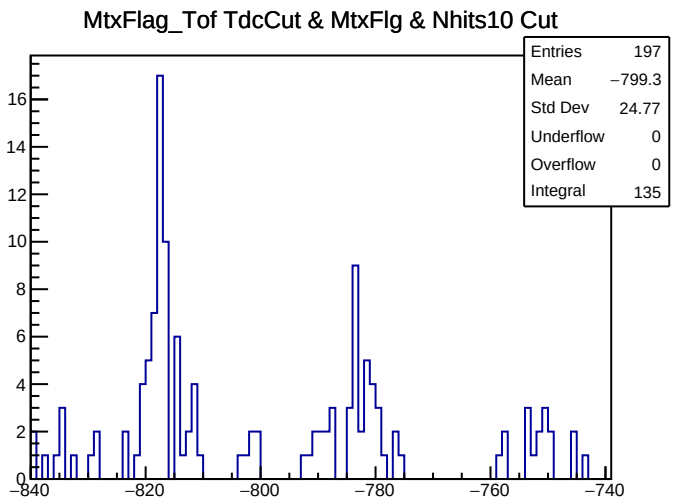

MtxFlag_Tof TdcCut & MtxFlg & Nhits9 Cut
Entries 424
Mean −805.2
Std Dev 14.17
Underflow 0
Overflow 0
Integral 408
70
60
50
40
30
20
10
0
−840
−820
−800
−780
−760
−740

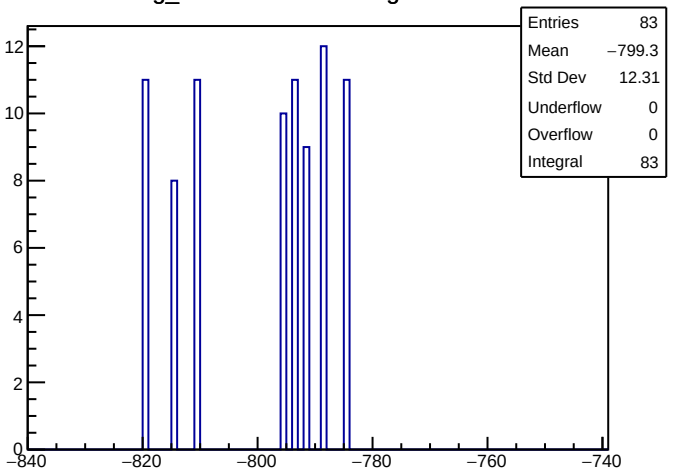

TofMtOr TdcCut & MtxFlg & Nhits9 Cut
Entries 424
Mean 26.58
Std Dev 20.03
Underflow 244
Overflow 0
Integral 180
25
20
15
10
5
0
−10
0
10
20
30
40
50
60
70
80
90

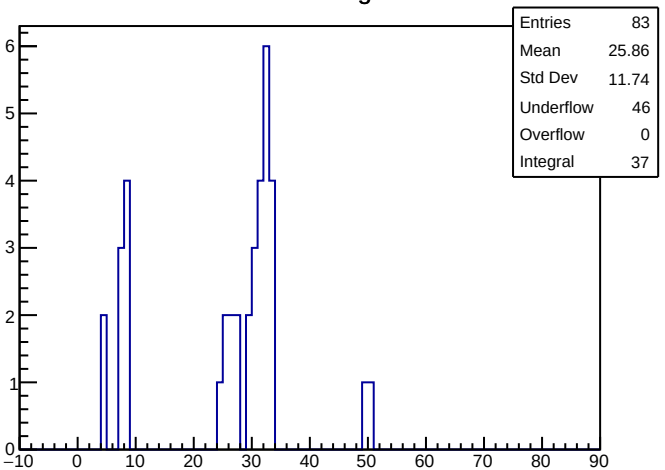

MtxFlag_Tof TdcCut & MtxFlg & Nhits9 Cut
Entries 424
Mean −797.6
Std Dev 21.78
Underflow 0
Overflow 0
Integral 317
25
20
15
10
5
0
−840
−820
−800
−780
−760
−740

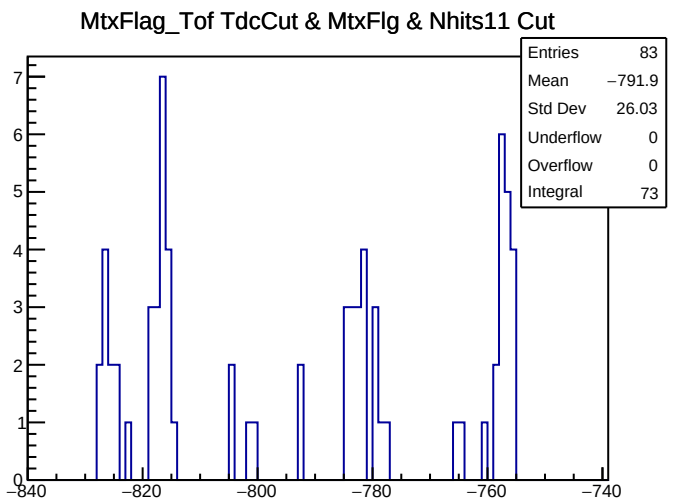

MtxFlag_Tof TdcCut & MtxFlg & Nhits10 Cut
Entries 197
Mean −807.9
Std Dev 13.43
Underflow 0
Overflow 0
Integral 186
0 5 10 15 20 25 30 35 40
−840 −820 −800 −780 −760 −740

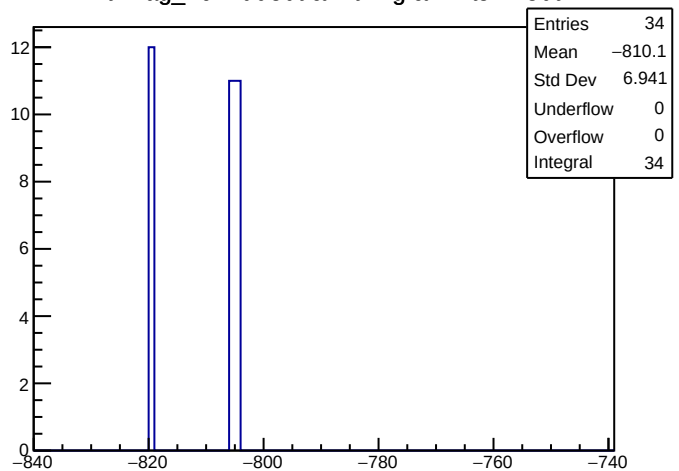

TofMtOr TdcCut & MtxFlg & Nhits10 Cut
Entries 197
Mean 29.88
Std Dev 25.61
Underflow 93
Overflow 0
Integral 104
0 2 4 6 8 10 12 14 16
−10 0 10 20 30 40 50 60 70 80 90

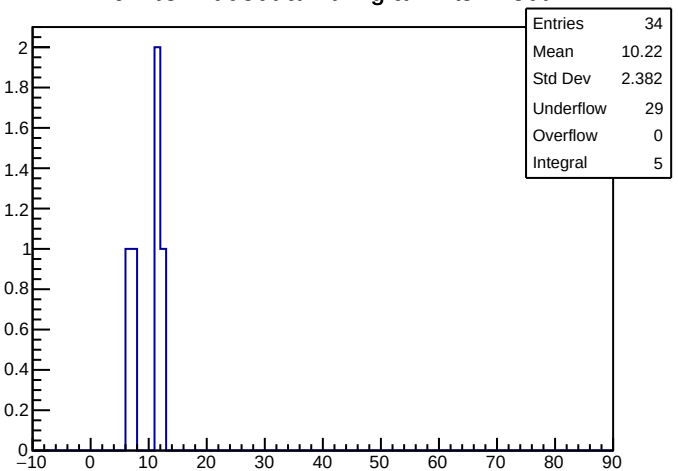

MtxFlag_Tof TdcCut & MtxFlg & Nhits10 Cut
Entries 197
Mean −799.3
Std Dev 24.77
Underflow 0
Overflow 0
Integral 135
0 2 4 6 8 10 12 14 16
−840 −820 −800 −780 −760 −740

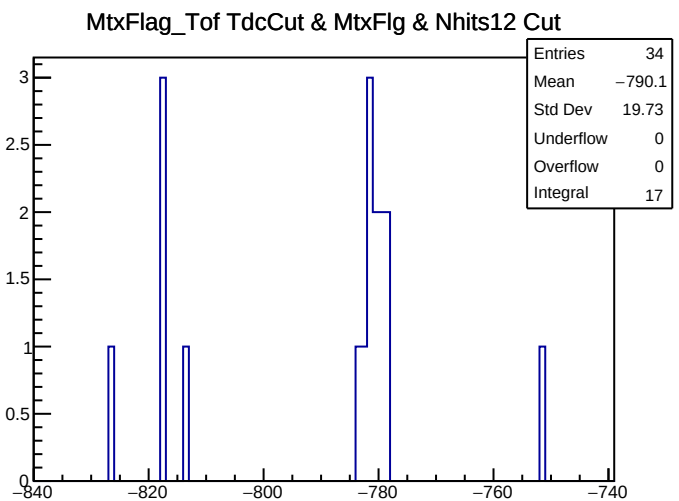

MtxFlag_Tof TdcCut & MtxFlg & Nhits11 Cut
Entries 83
Mean −799.3
Std Dev 12.31
Underflow 0
Overflow 0
Integral 83
0 2 4 6 8 10 12
−840 −820 −800 −780 −760 −740

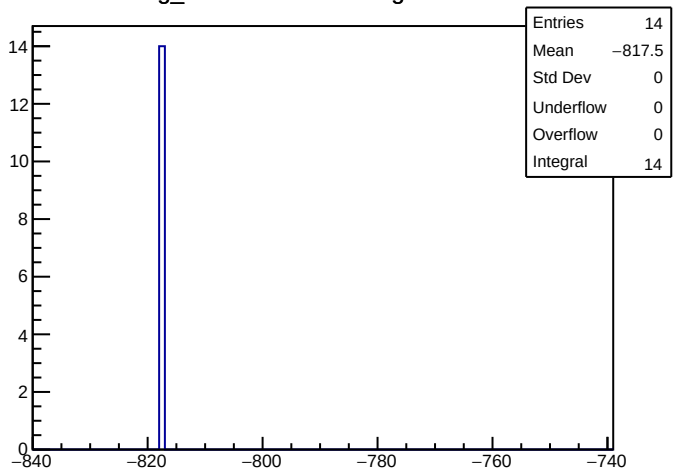

TofMtOr TdcCut & MtxFlg & Nhits11 Cut
Entries 83
Mean 25.86
Std Dev 11.74
Underflow 46
Overflow 0
Integral 37
0 1 2 3 4 5 6
−10 0 10 20 30 40 50 60 70 80 90


MtxFlag_Tof TdcCut & MtxFlg & Nhits11 Cut
Entries 83
Mean −791.9
Std Dev 26.03
Underflow 0
Overflow 0
Integral 73
0 1 2 3 4 5 6 7
−840 −820 −800 −780 −760 −740


MtxFlag_Tof TdcCut & MtxFlg & Nhits12 Cut
Entries 34
Mean −810.1
Std Dev 6.941
Underflow 0
Overflow 0
Integral 34
12
10
8
6
4
2
0
−840
−820
−800
−780
−760
−740


TofMtOr TdcCut & MtxFlg & Nhits12 Cut
Entries 34
Mean 10.22
Std Dev 2.382
Underflow 29
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−10
0
10
20
30
40
50
60
70
80
90


MtxFlag_Tof TdcCut & MtxFlg & Nhits12 Cut
Entries 34
Mean −790.1
Std Dev 19.73
Underflow 0
Overflow 0
Integral 17
3
2.5
2
1.5
1
0.5
0
−840
−820
−800
−780
−760
−740


MtxFlag_Tof TdcCut & MtxFlg & Nhits13 Cut
Entries 14
Mean −817.5
Std Dev 0
Underflow 0
Overflow 0
Integral 14
14
12
10
8
6
4
2
0
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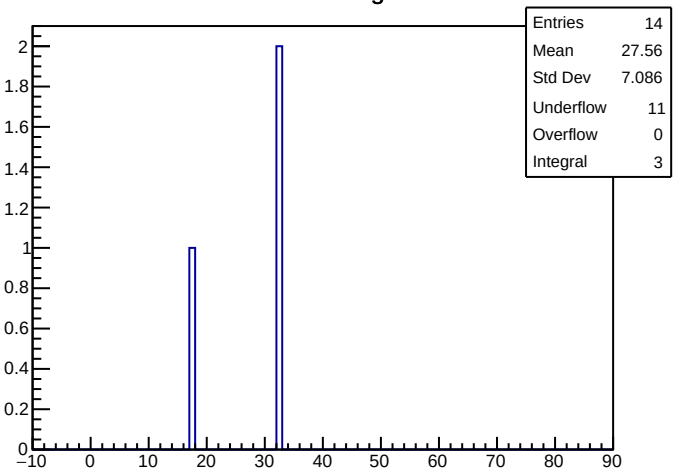
−820
−800
−780
−760
−740


TofMtOr TdcCut & MtxFlg & Nhits13 Cut
Entries 14
Mean 27.56
Std Dev 7.086
Underflow 11
Overflow 0
Integral 3
2
1.8
1.6
1.4
1.2
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0.4
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20
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80
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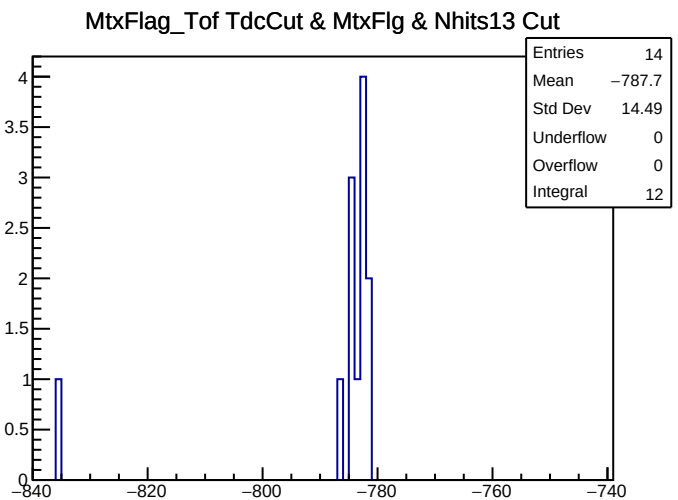
MtxFlag_Tof TdcCut & MtxFlg & Nhits13 Cut
Entries 14
Mean −787.7
Std Dev 14.49
Underflow 0
Overflow 0
Integral 12
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3
2.5
2
1.5
1
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−760
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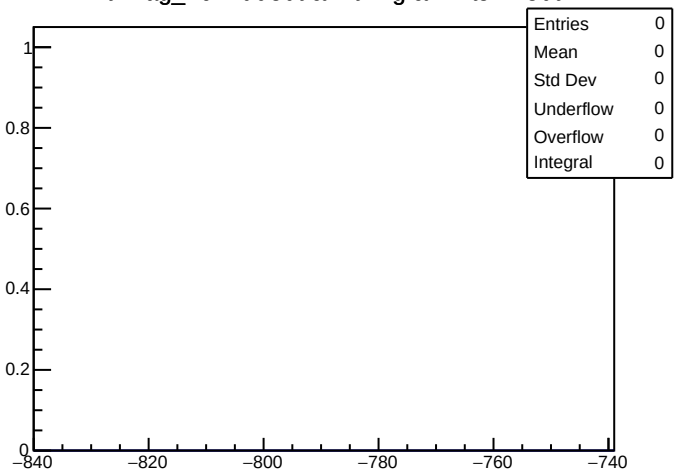
MtxFlag_Tof TdcCut & MtxFlg & Nhits14 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.8
0.6
0.4
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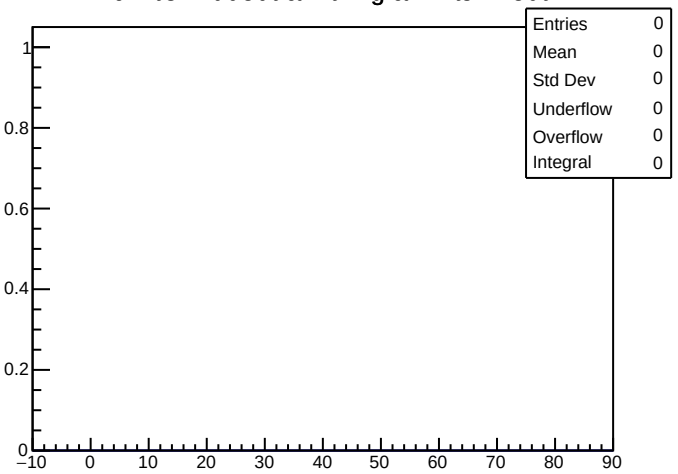
TofMtOr TdcCut & MtxFlg & Nhits14 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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80
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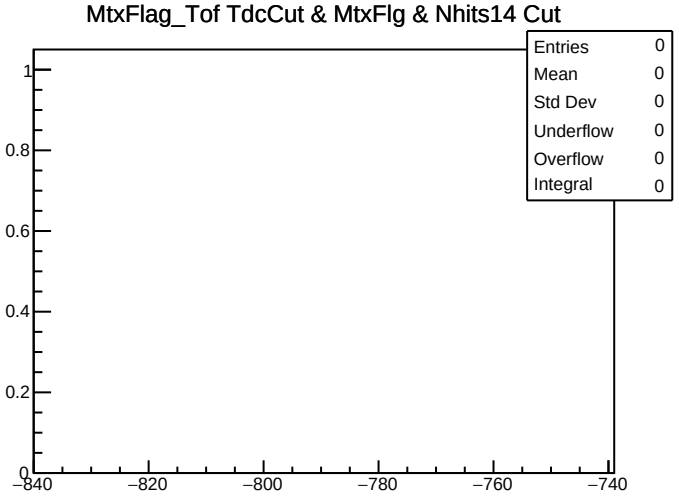
MtxFlag_Tof TdcCut & MtxFlg & Nhits14 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.6
0.4
0.2
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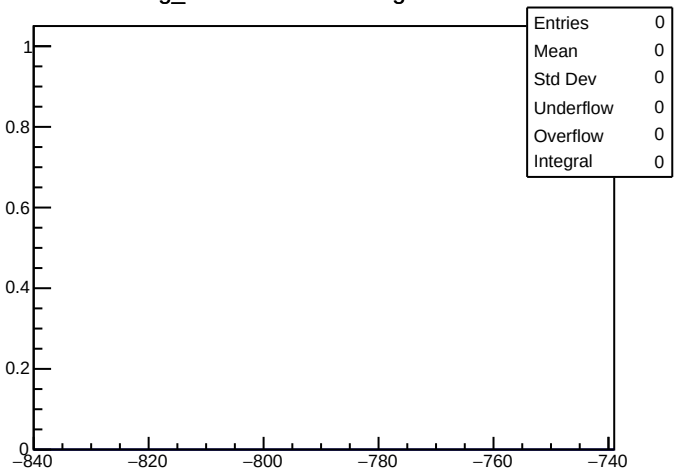
MtxFlag_Tof TdcCut & MtxFlg & Nhits15 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
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0.6
0.4
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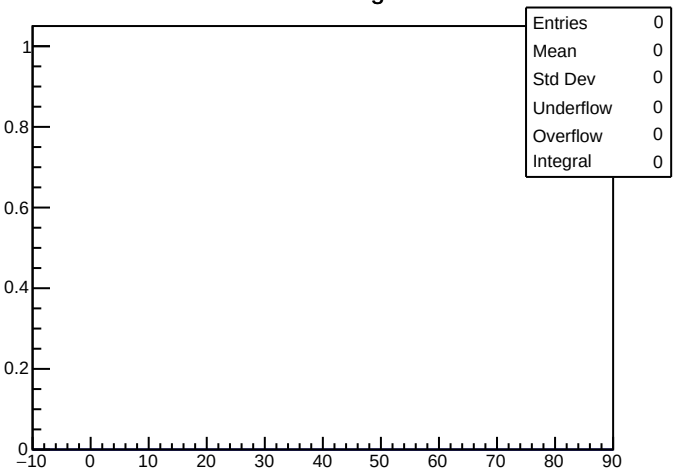
TofMtOr TdcCut & MtxFlg & Nhits15 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.6
0.4
0.2
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−10
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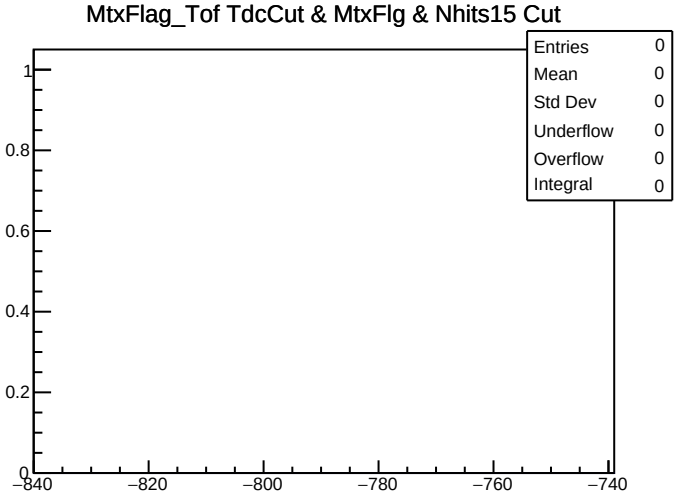
MtxFlag_Tof TdcCut & MtxFlg & Nhits15 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.8
0.6
0.4
0.2
0
−840
−820
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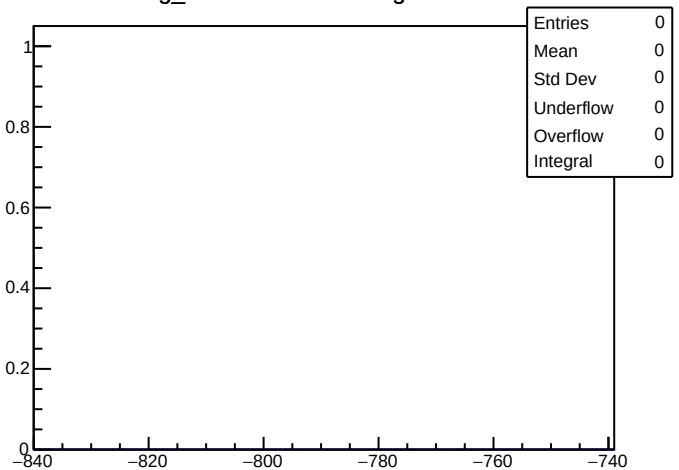
−780
−760
−740


MtxFlag_Tof TdcCut & MtxFlg & Nhits16 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.8
0.6
0.4
0.2
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−840
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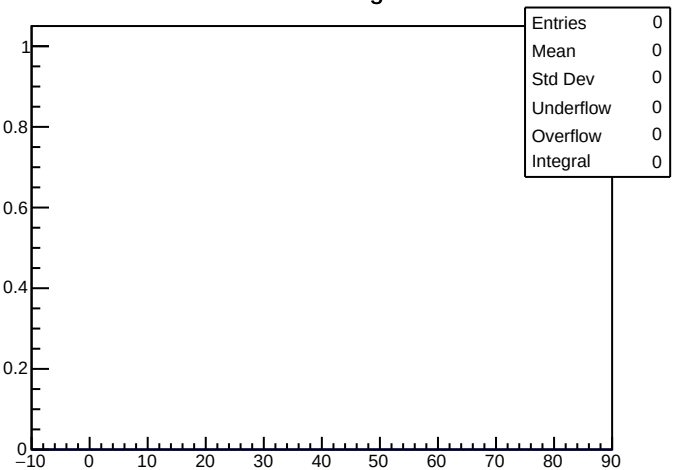
−800
−780
−760
−740


TofMtOr TdcCut & MtxFlg & Nhits16 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.4
0.2
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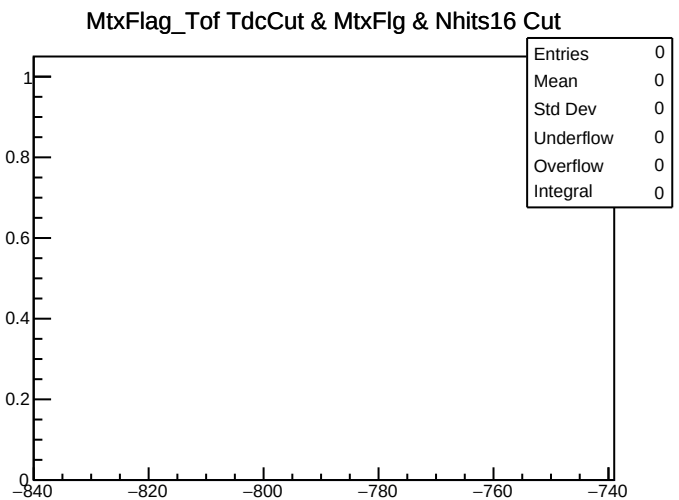
MtxFlag_Tof TdcCut & MtxFlg & Nhits16 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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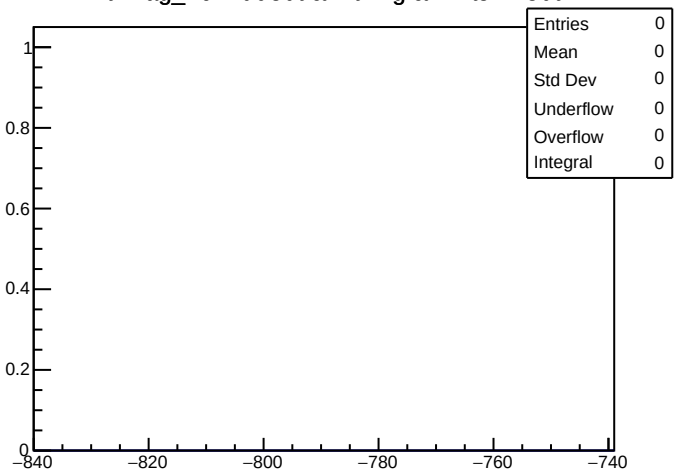
MtxFlag_Tof TdcCut & MtxFlg & Nhits17 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.6
0.4
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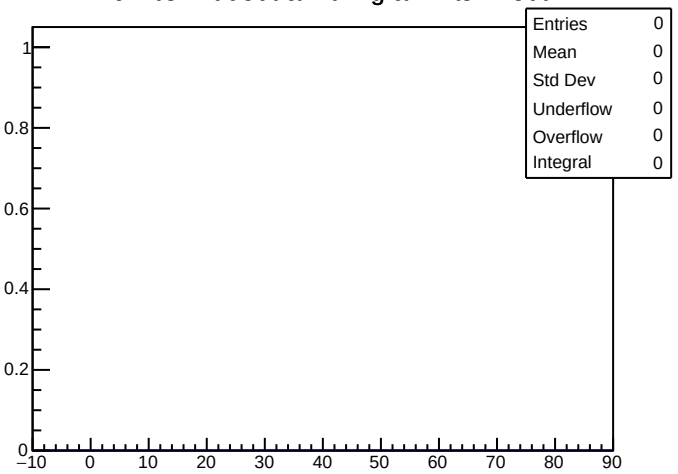
TofMtOr TdcCut & MtxFlg & Nhits17 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
−10
0
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20
30
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60
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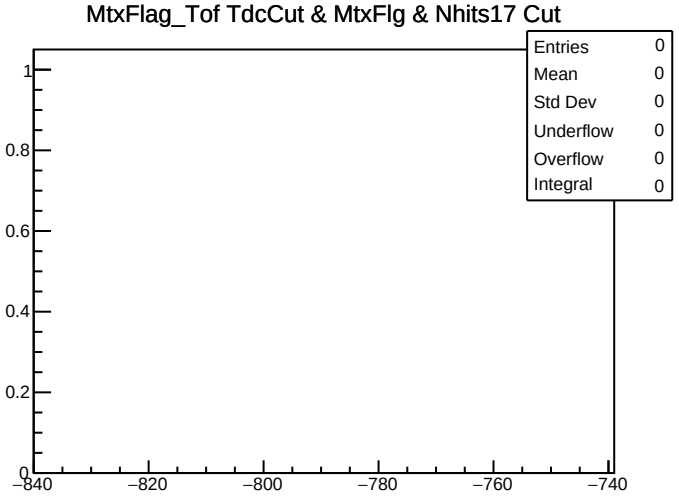
80
90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Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.8
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0.4
0.2
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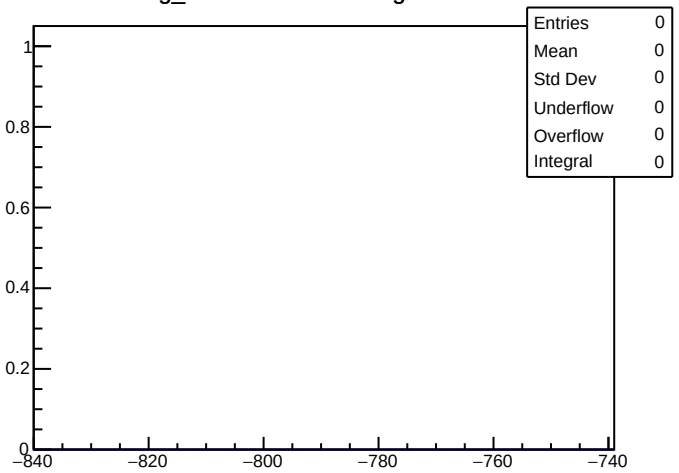
MtxFlag_Tof TdcCut & MtxFlg & Nhits18 Cut
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Mean 0
Std Dev 0
Underflow 0
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Integral 0
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0.4
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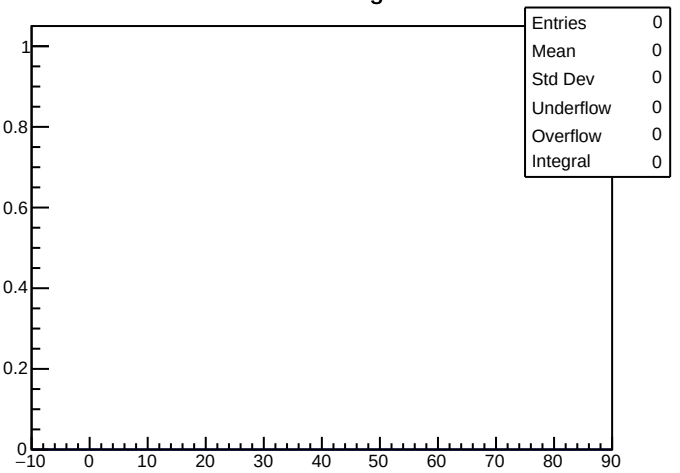
TofMtOr TdcCut & MtxFlg & Nhits18 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.4
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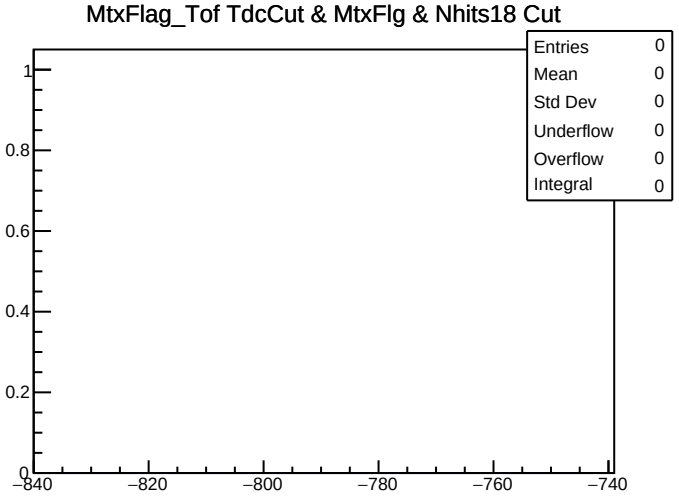
MtxFlag_Tof TdcCut & MtxFlg & Nhits18 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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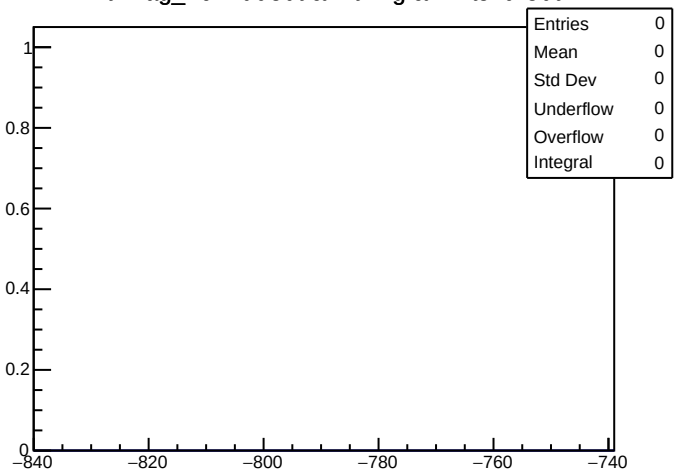
MtxFlag_Tof TdcCut & MtxFlg & Nhits19 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
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−840
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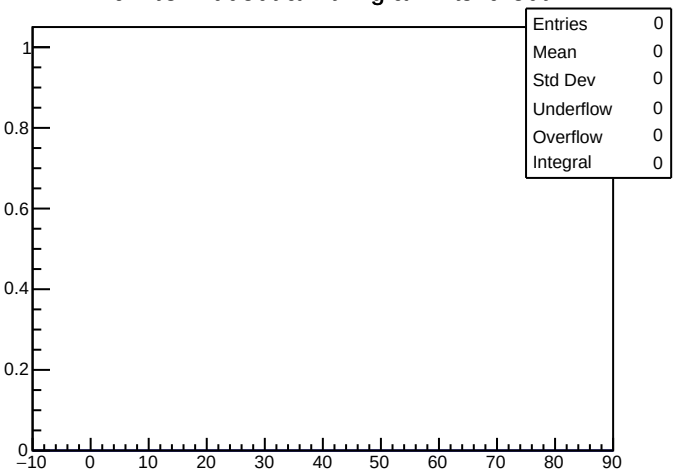
−780
−760
−740


TofMtOr TdcCut & MtxFlg & Nhits19 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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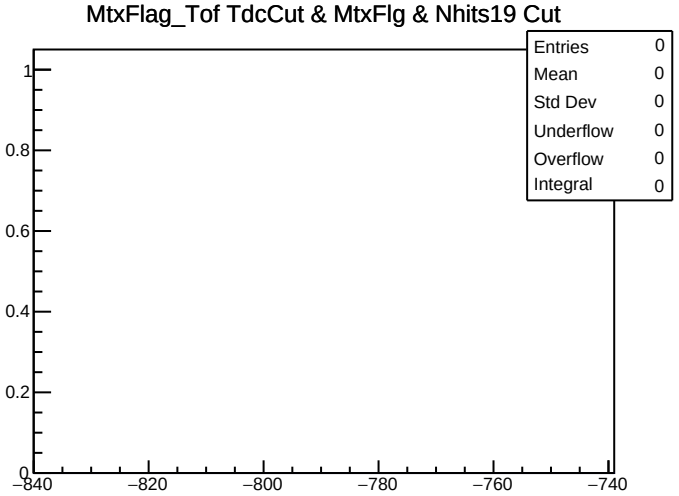
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Entries 0
Mean 0
Std Dev 0
Underflow 0
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0.4
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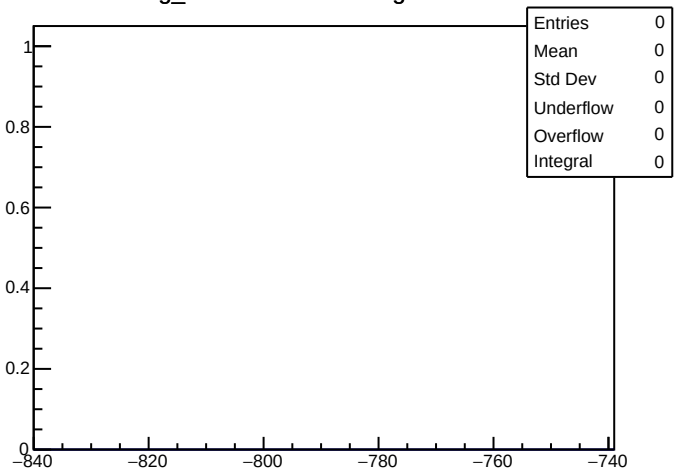
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Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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−780
−760
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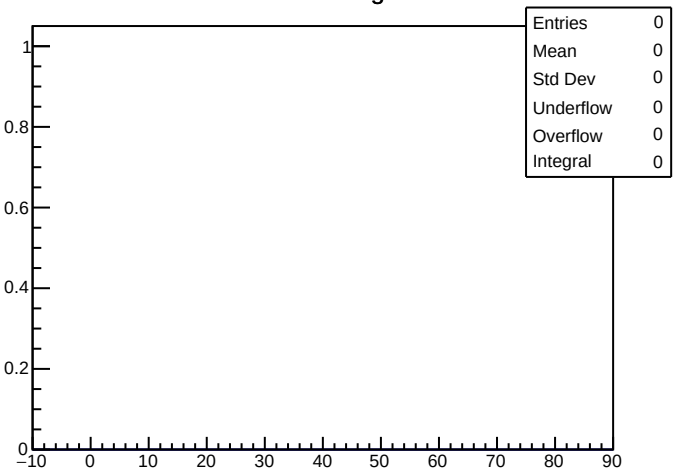
TofMtOr TdcCut & MtxFlg & Nhits20 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.4
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0
−10
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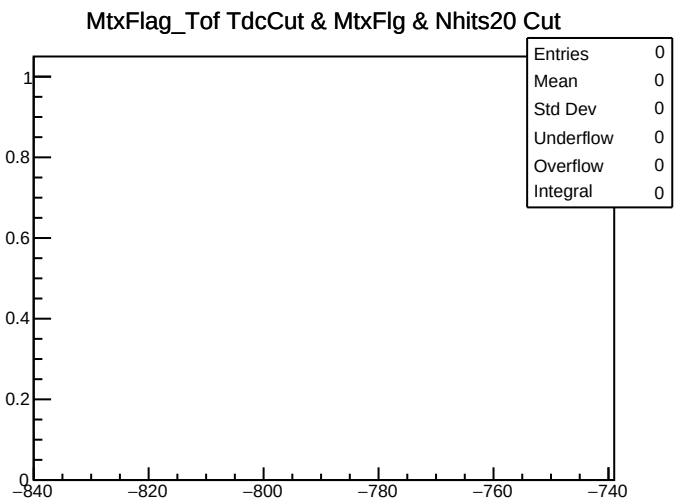
MtxFlag_Tof TdcCut & MtxFlg & Nhits20 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.4
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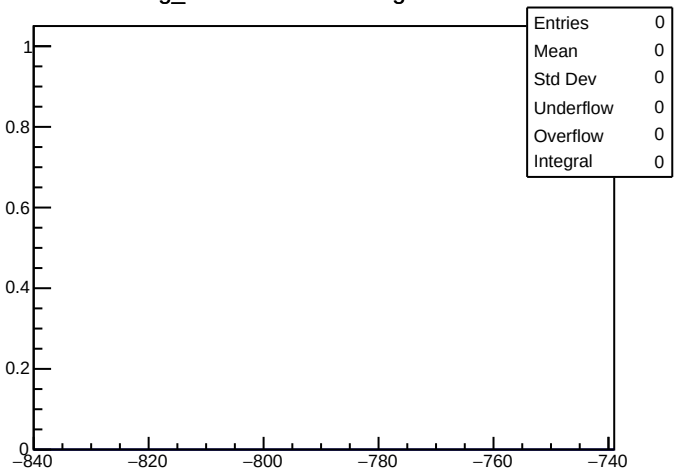
MtxFlag_Tof TdcCut & MtxFlg & Nhits21 Cut
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Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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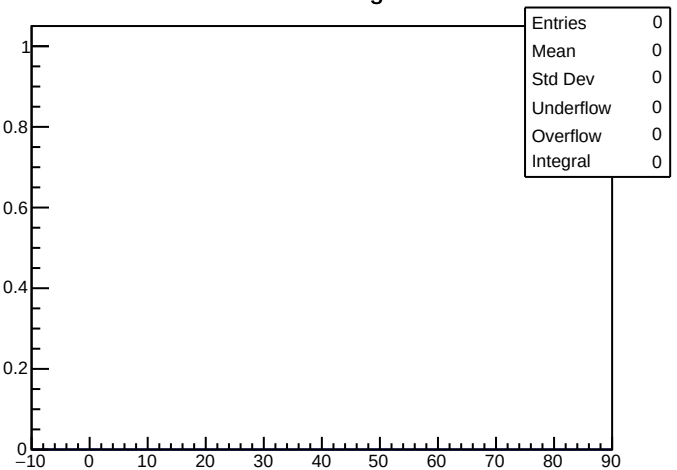
TofMtOr TdcCut & MtxFlg & Nhits21 Cut
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Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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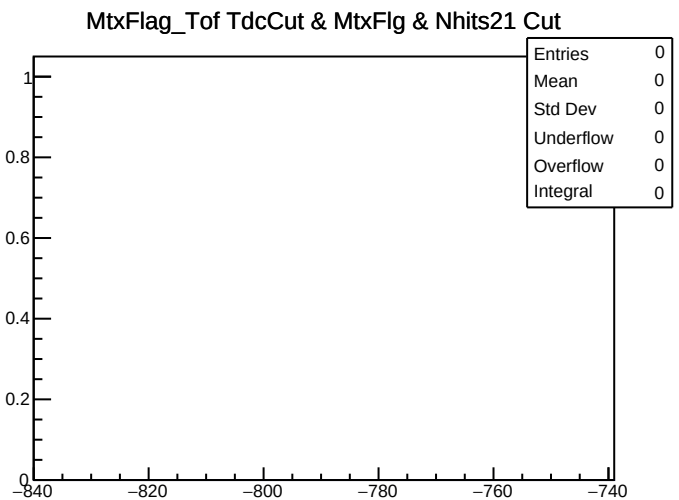
MtxFlag_Tof TdcCut & MtxFlg & Nhits21 Cut
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Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.4
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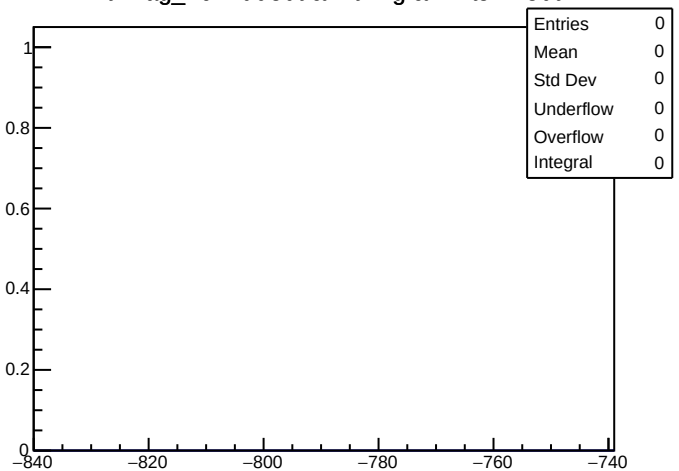
−740


MtxFlag_Tof TdcCut & MtxFlg & Nhits22 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
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0.4
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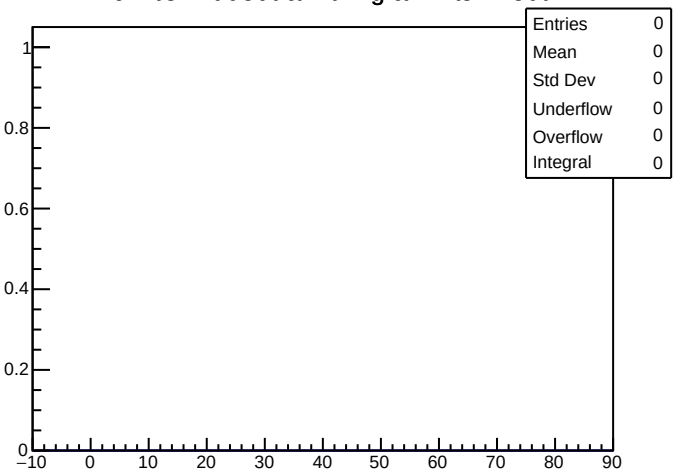
TofMtOr TdcCut & MtxFlg & Nhits22 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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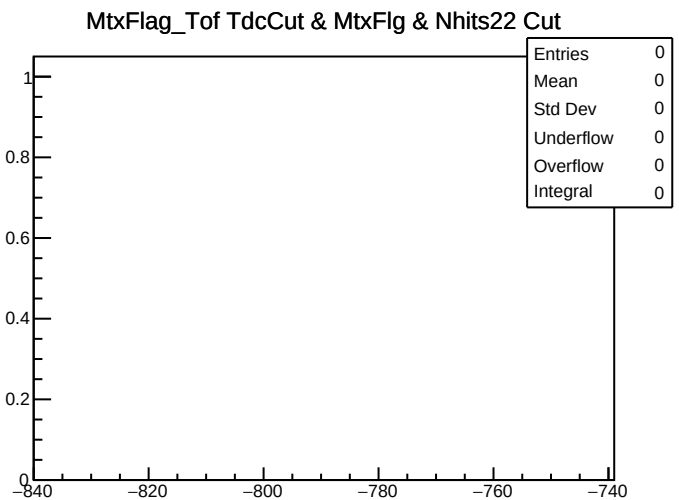
MtxFlag_Tof TdcCut & MtxFlg & Nhits22 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
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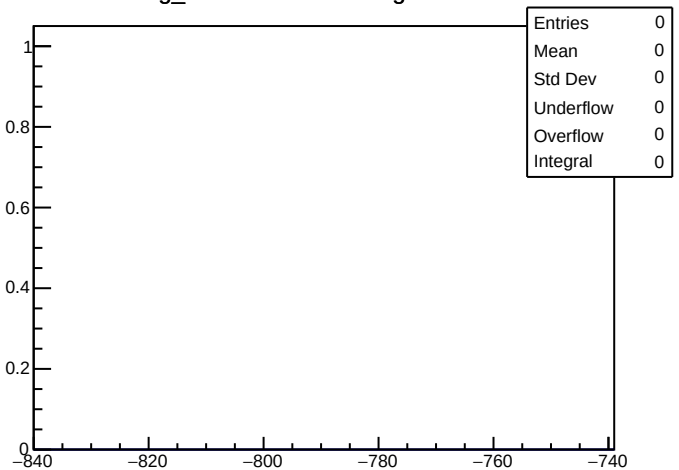
MtxFlag_Tof TdcCut & MtxFlg & Nhits23 Cut
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Std Dev 0
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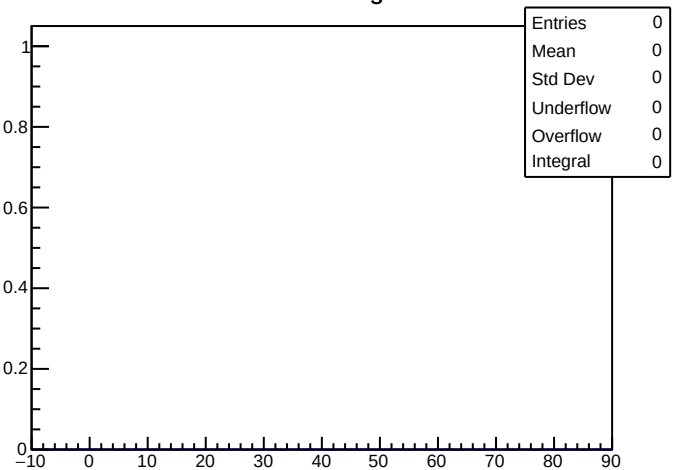
TofMtOr TdcCut & MtxFlg & Nhits23 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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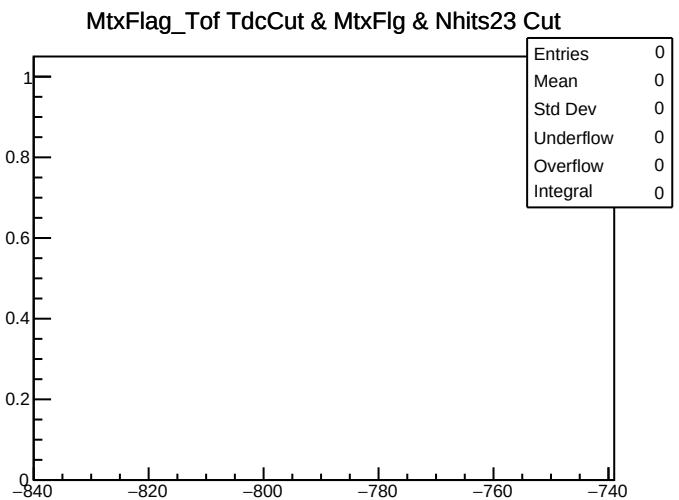
MtxFlag_Tof TdcCut & MtxFlg & Nhits23 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.6
0.4
0.2
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−840
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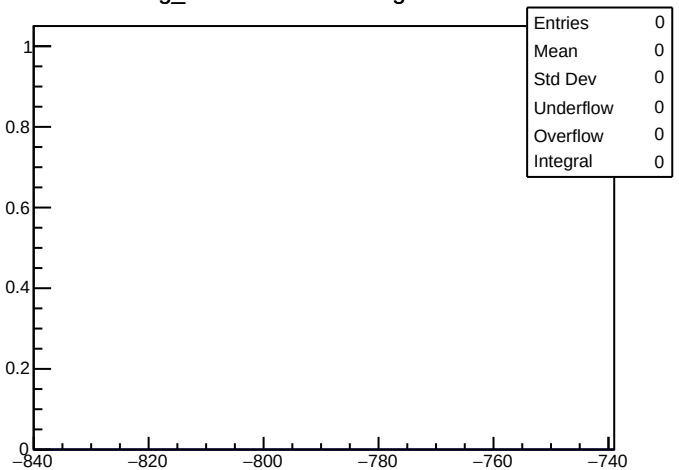
−760
−740


MtxFlag_Tof TdcCut & MtxFlg & Nhits24 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.8
0.6
0.4
0.2
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−840
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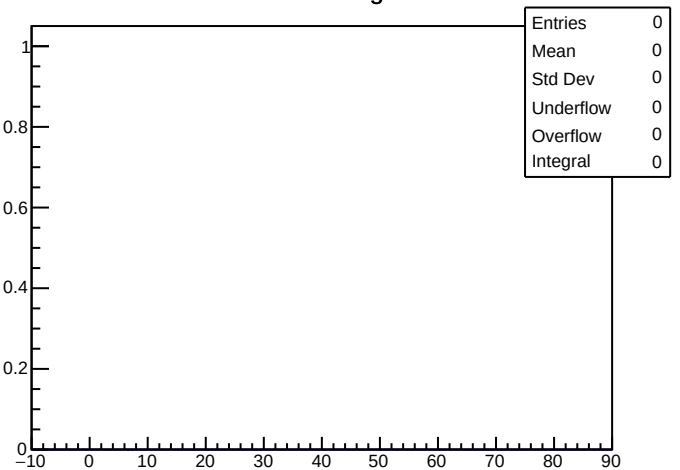
TofMtOr TdcCut & MtxFlg & Nhits24 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
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0.4
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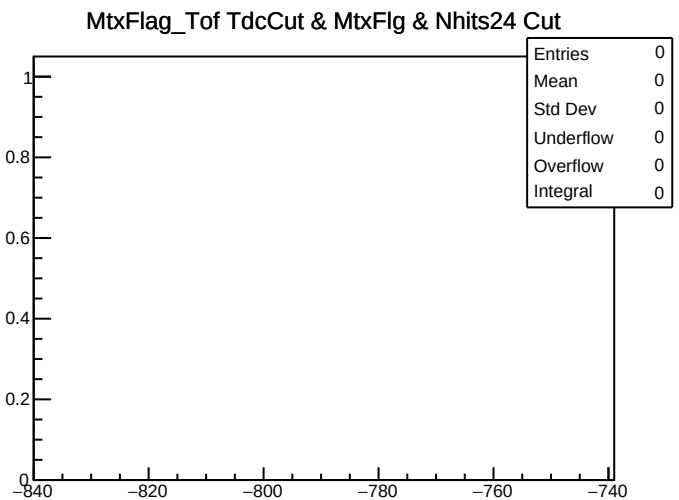
MtxFlag_Tof TdcCut & MtxFlg & Nhits24 Cut
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
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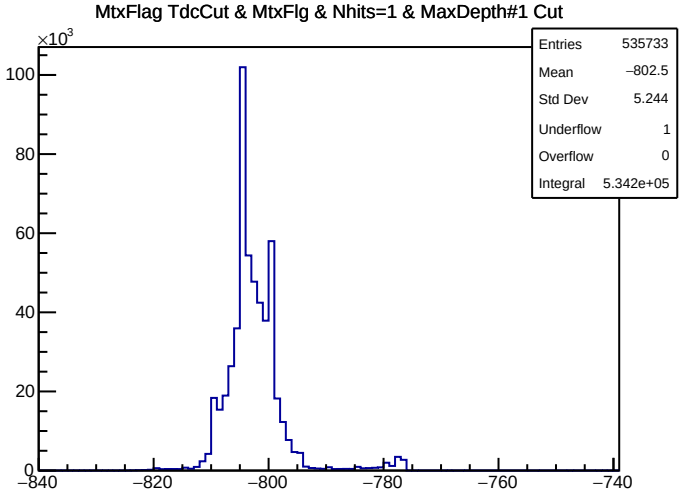
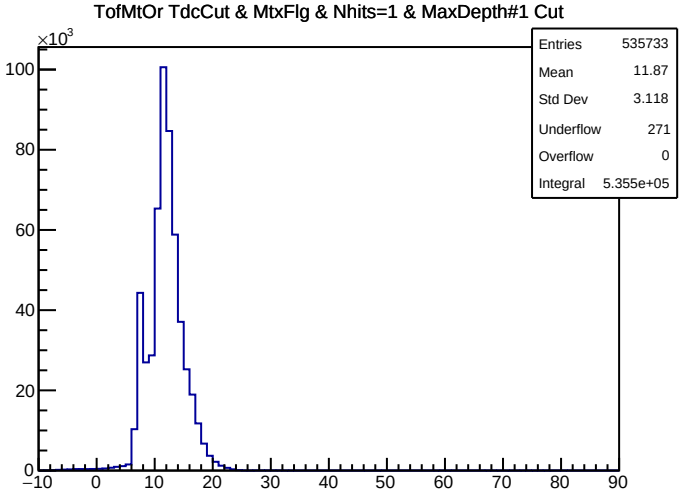
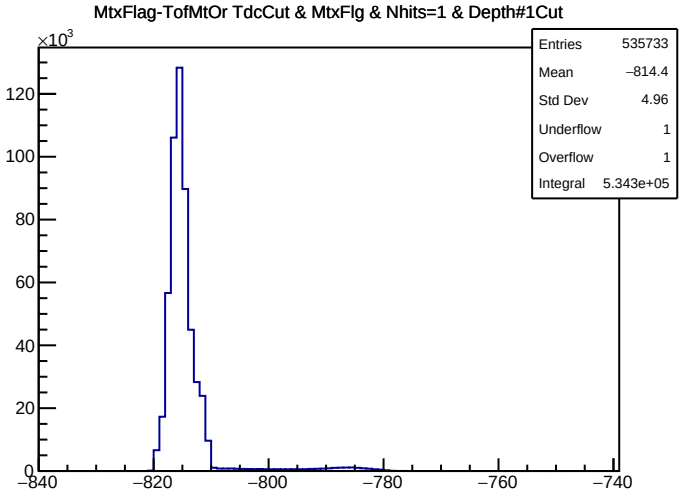

MtxFlag TdcCut & MtxFlg & Nhits=1 & MaxDepth#1 Cut
×10^3
Entries 535733
Mean −802.5
Std Dev 5.244
Underflow 1
Overflow 0
Integral 5.342e+05
100
80
60
40
20
0
−840
−820
−800
−780
−760
−740


TofMtOr TdcCut & MtxFlg & Nhits=1 & MaxDepth#1 Cut
×10^3
Entries 535733
Mean 11.87
Std Dev 3.118
Underflow 271
Overflow 0
Integral 5.355e+05
100
80
60
40
20
0
−10
0
10
20
30
40
50
60
70
80
90


MtxFlag-TofMtOr TdcCut & MtxFlg & Nhits=1 & Depth#1Cut
×10^3
Entries 535733
Mean −814.4
Std Dev 4.96
Underflow 1
Overflow 1
Integral 5.343e+05
120
100
80
60
40
20
0
−840
−820
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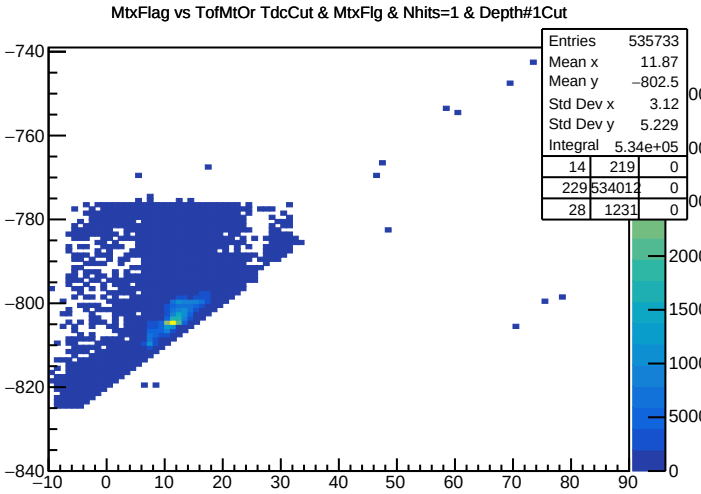
MtxFlag vs TofMtOr TdcCut & MtxFlg & Nhits=1 & Depth#1Cut
Entries 535733
Mean x 11.87
Mean y −802.5
Std Dev x 3.12
Std Dev y 5.229
Integral 5.34e+05
14 219 0
229 534012 0
28 1231 0
−740
−760
−780
−800
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−10
0
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20
30
40
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70
80
90
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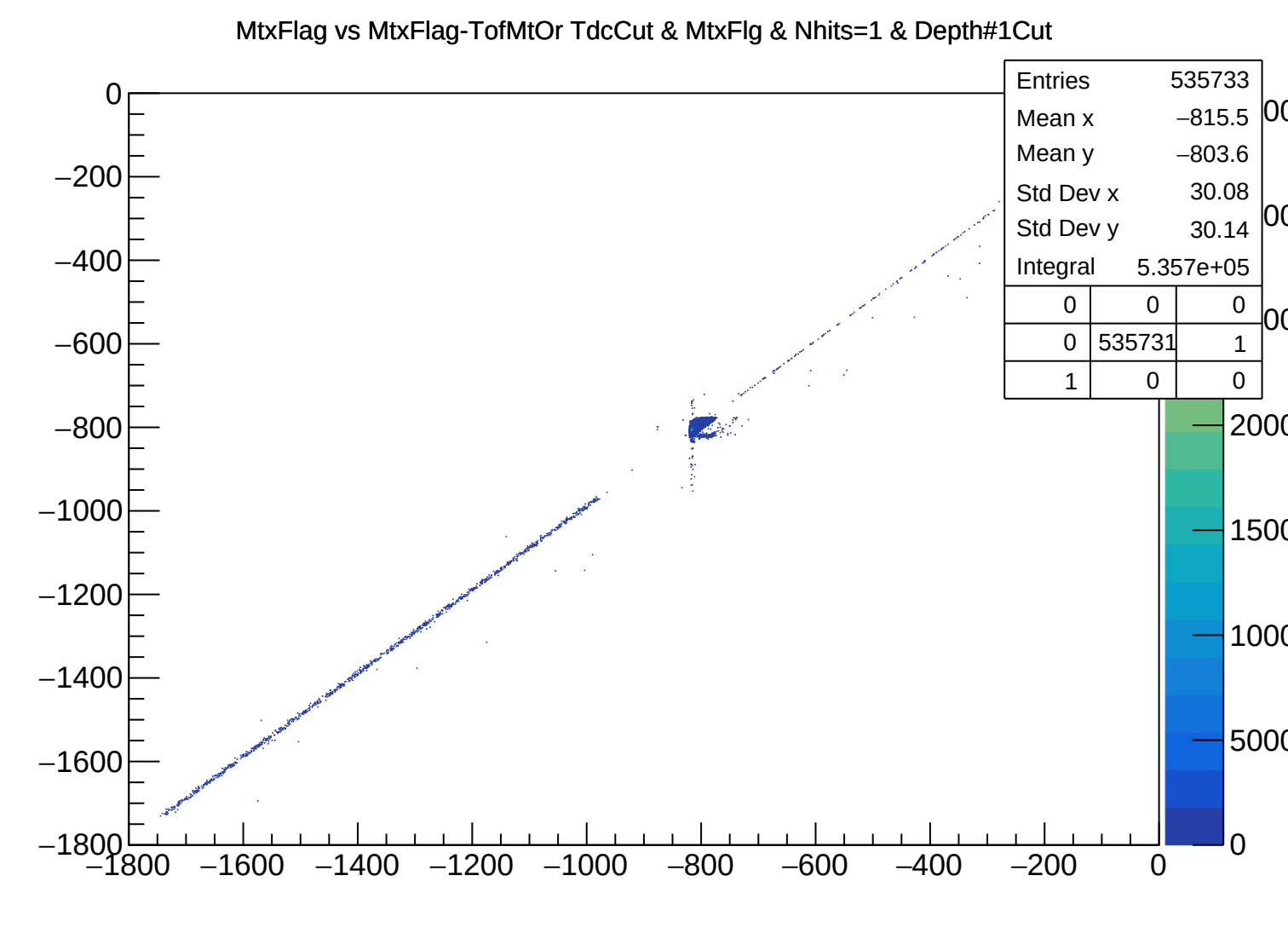
1500
1000
500
0


MtxFlag vs MtxFlag-TofMtOr TdcCut & MtxFlg & Nhits=1 & Depth#1Cut
Entries 535733
Mean x −815.5
Mean y −803.6
Std Dev x 30.08
Std Dev y 30.14
Integral 5.357e+05
0 0 0
0 535731 1
1 0 0
0
−200
−400
−600
−800
−1000
−1200
−1400
−1600
−1800
−1800 −1600 −1400 −1200 −1000 −800 −600 −400 −200 0
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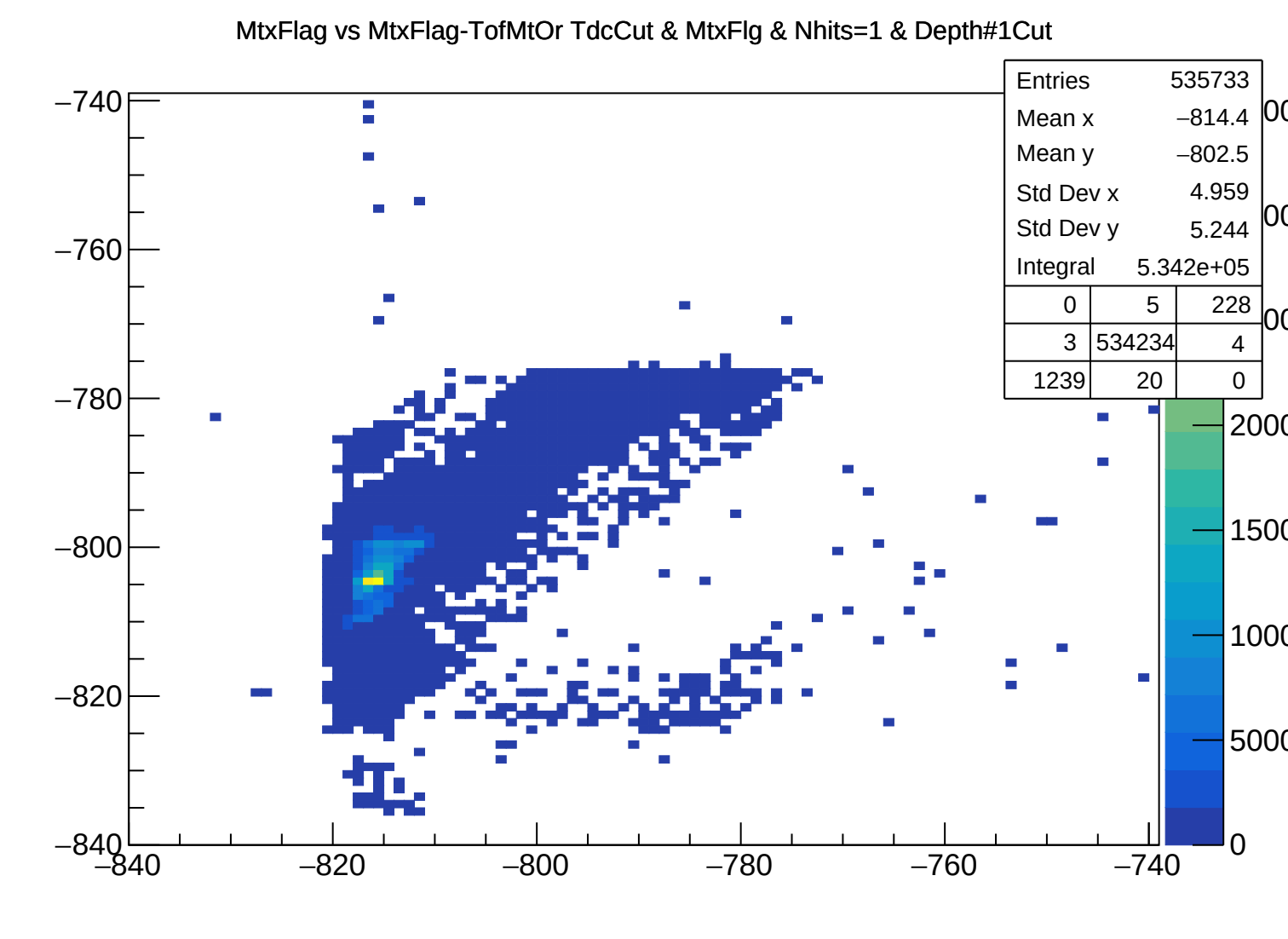
1500
1000
500
0


MtxFlag vs MtxFlag-TofMtOr TdcCut & MtxFlg & Nhits=1 & Depth#1Cut
Entries 535733
Mean x −814.4
Mean y −802.5
Std Dev x 4.959
Std Dev y 5.244
Integral 5.342e+05
0 5 228
3 534234 4
1239 20 0
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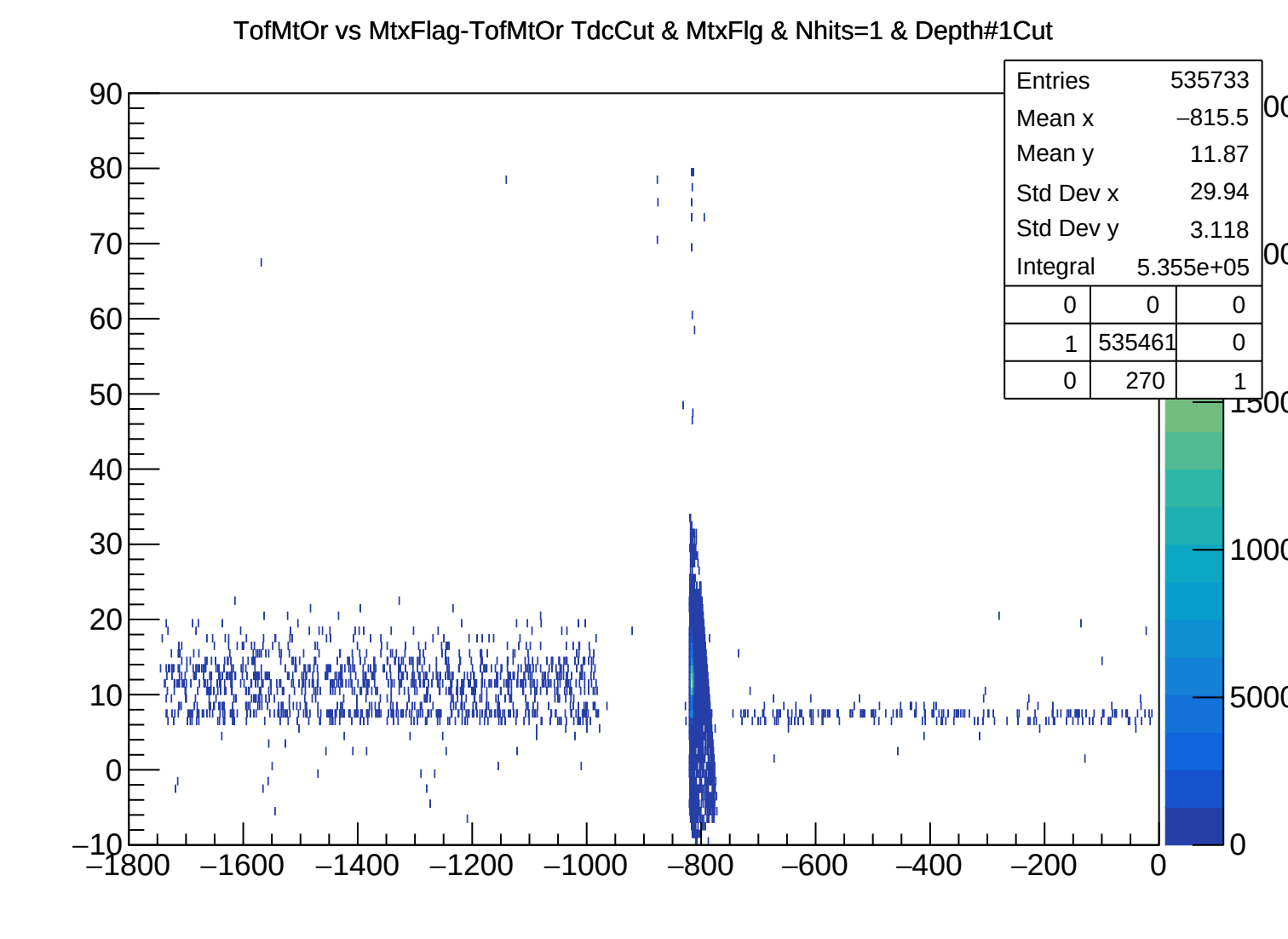
−760
−780
−800
−820
−840
−840
−820
−800
−780
−760
−740
2000
1500
1000
500
0


TofMtOr vs MtxFlag-TofMtOr TdcCut & MtxFlg & Nhits=1 & Depth#1Cut
Entries 535733
Mean x −815.5
Mean y 11.87
Std Dev x 29.94
Std Dev y 3.118
Integral 5.355e+05
0 0 0
1 535461 0
0 270 1
90
80
70
60
50
40
30
20
10
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−1600
−1400
−1200
−1000
−800
−600
−400
−200
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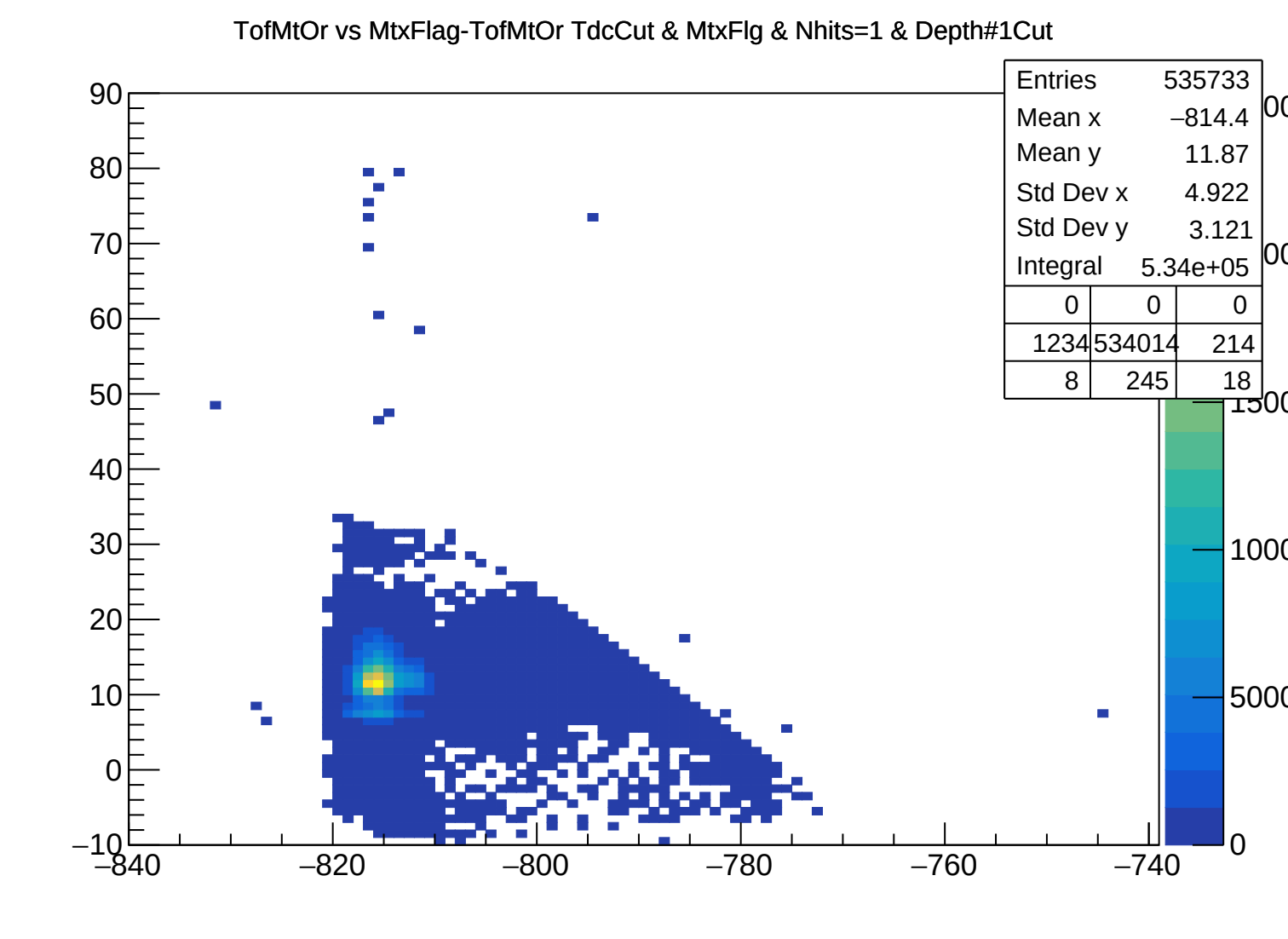
1500
1000
500
0


TofMtOr vs MtxFlag-TofMtOr TdcCut & MtxFlg & Nhits=1 & Depth#1Cut
Entries 535733
Mean x –814.4
Mean y 11.87
Std Dev x 4.922
Std Dev y 3.121
Integral 5.34e+05
0 0 0
1234 534014 214
8 245 18
90
80
70
60
50
40
30
20
10
0
–10
–840
–820
–800
–780
–760
–740
1500
1000
500
0