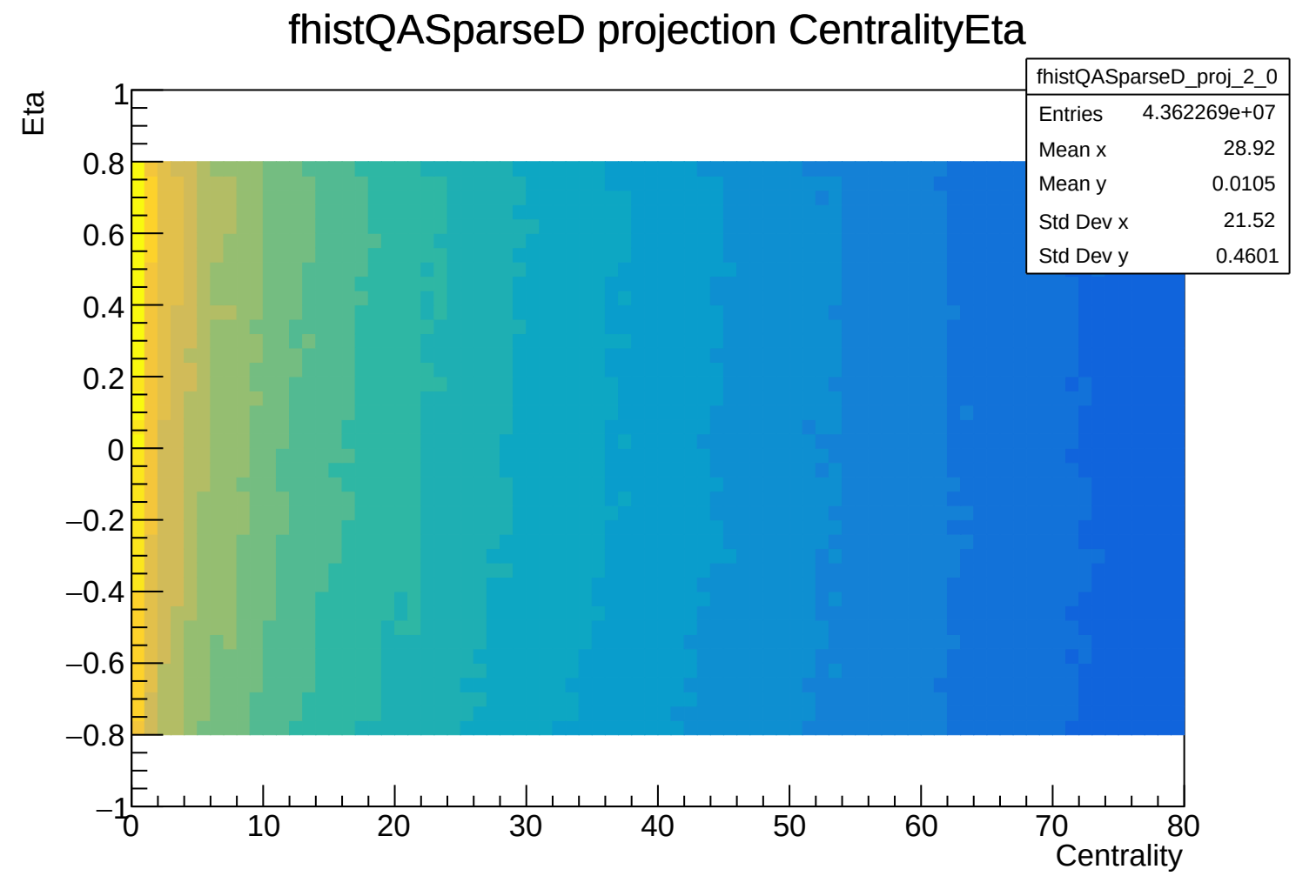
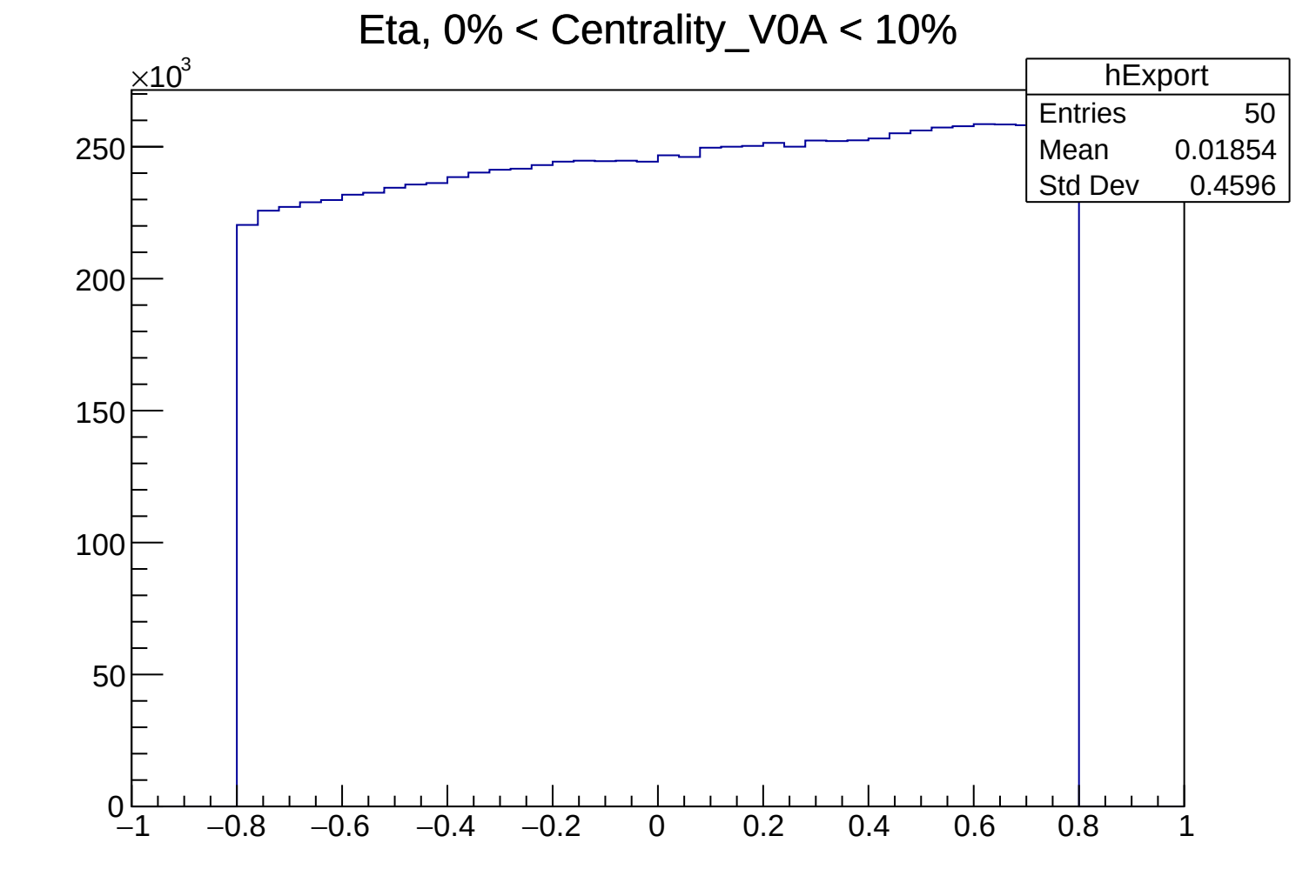
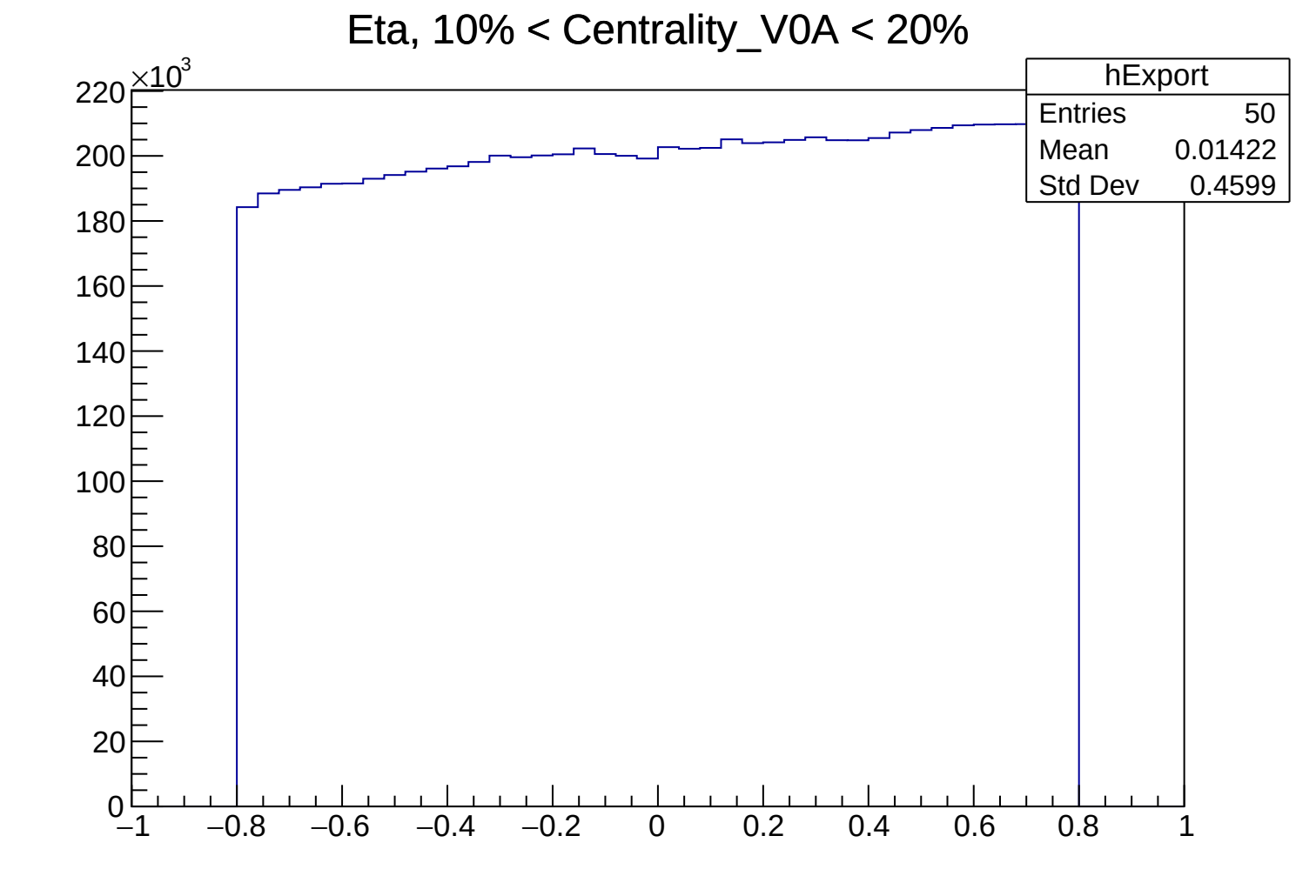
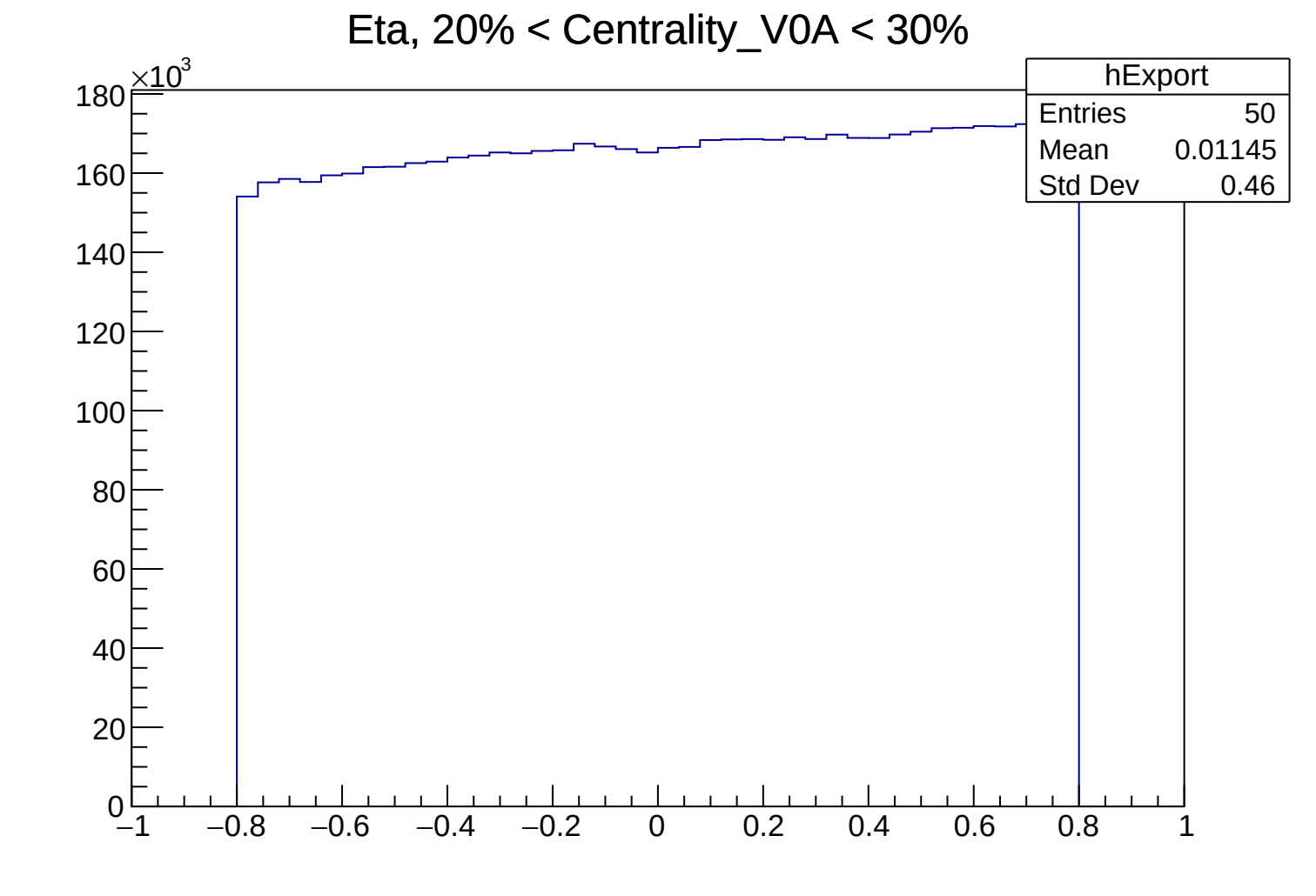
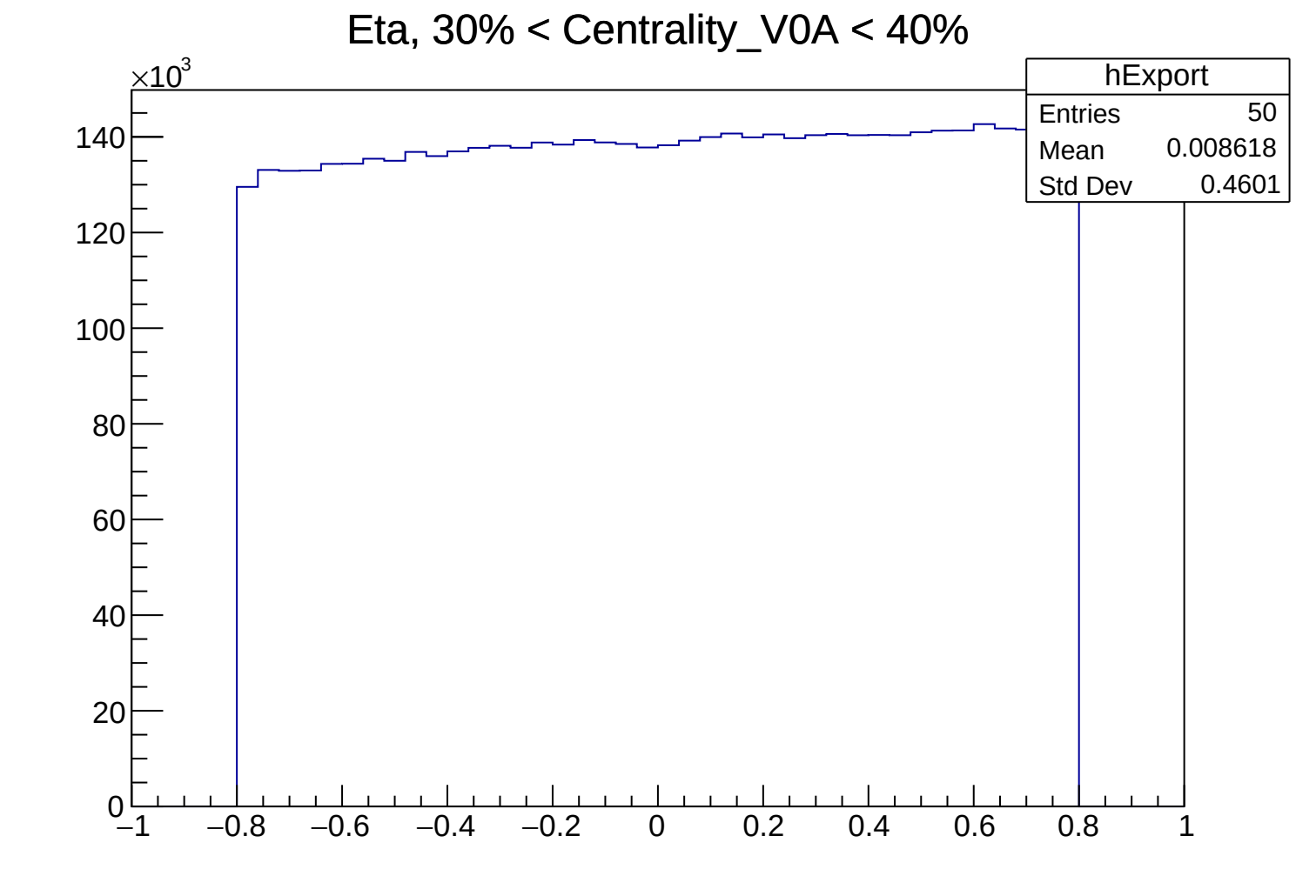
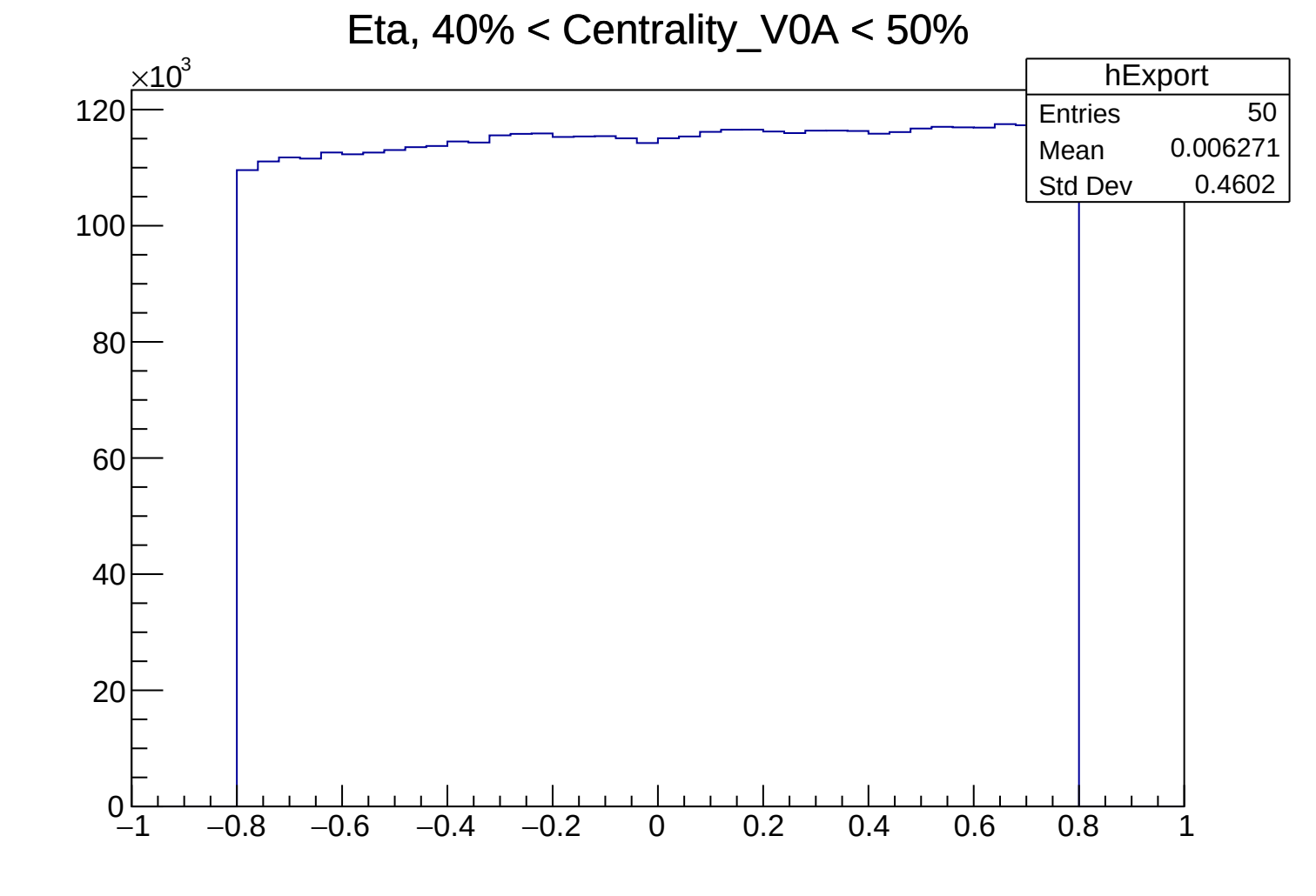

fhistQASparseD projection CentralityEta
fhistQASparseD_proj_2_0
Entries 4.362269e+07
Mean x 28.92
Mean y 0.0105
Std Dev x 21.52
Std Dev y 0.4601
Eta
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
10
20
30
40
50
60
70
80
Centrality

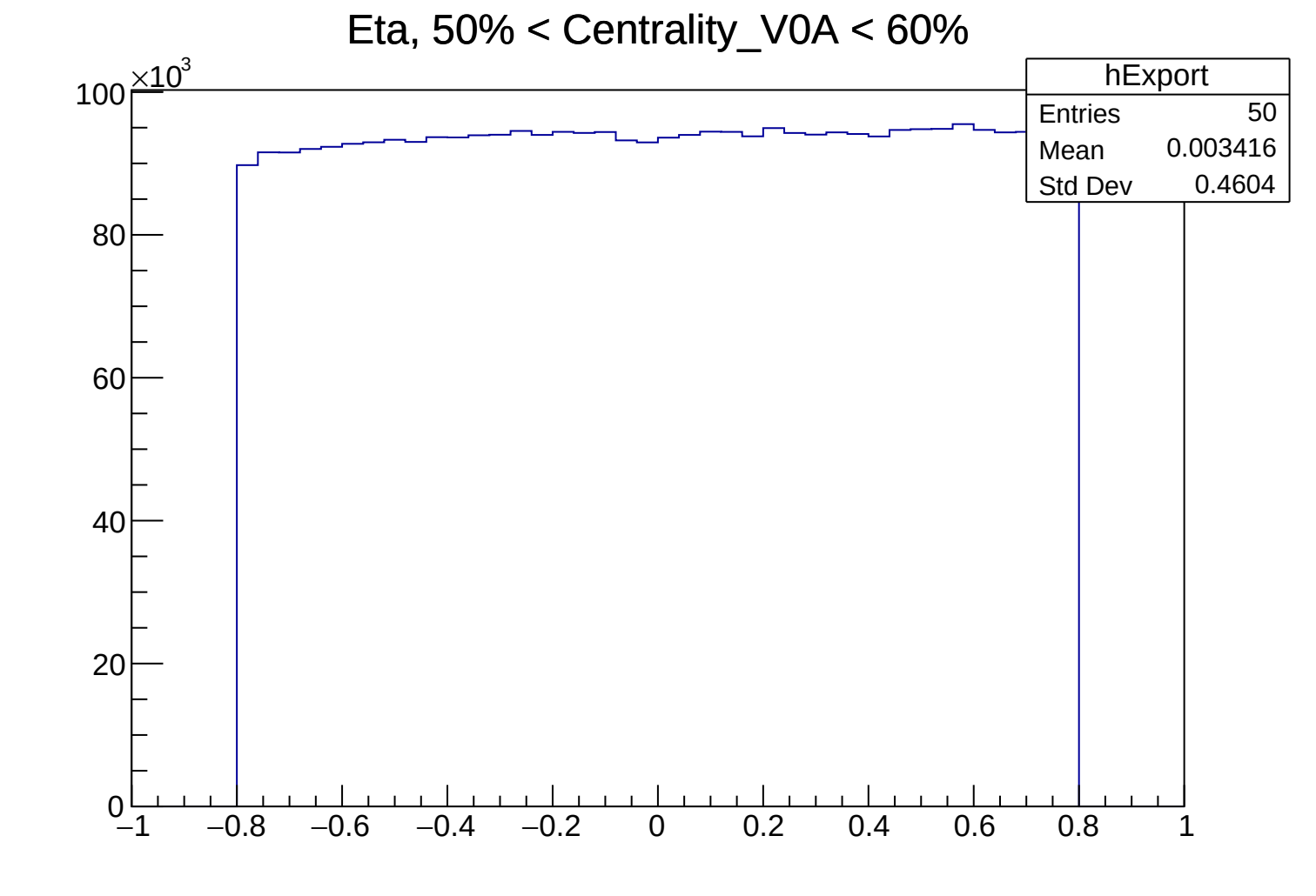

Eta, 0% < Centrality_V0A < 10%
×10^3
250
200
150
100
50
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
hExport
Entries 50
Mean 0.01854
Std Dev 0.4596

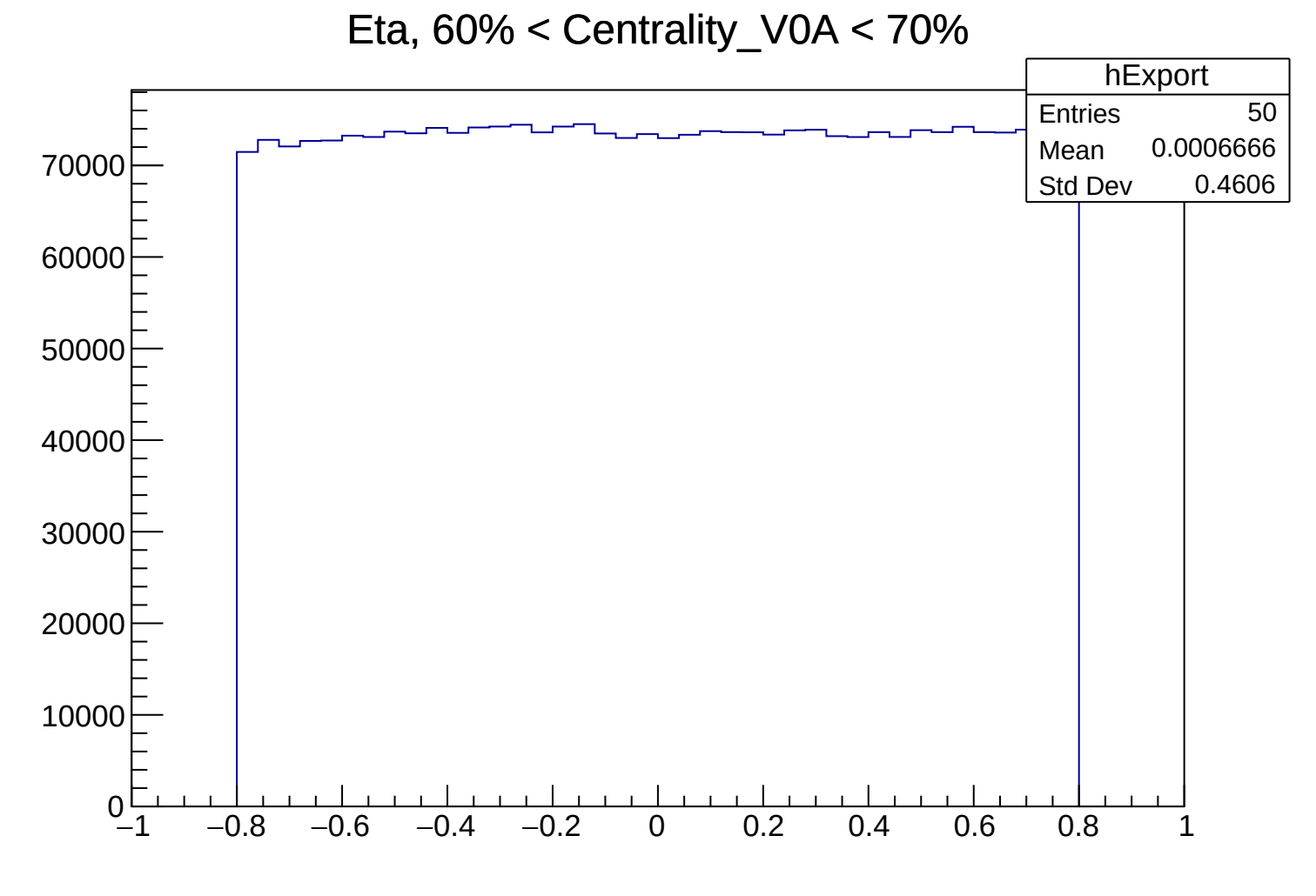

Eta, 10% < Centrality_V0A < 20%
×10^3
220
200
180
160
140
120
100
80
60
40
20
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
hExport
Entries 50
Mean 0.01422
Std Dev 0.4599

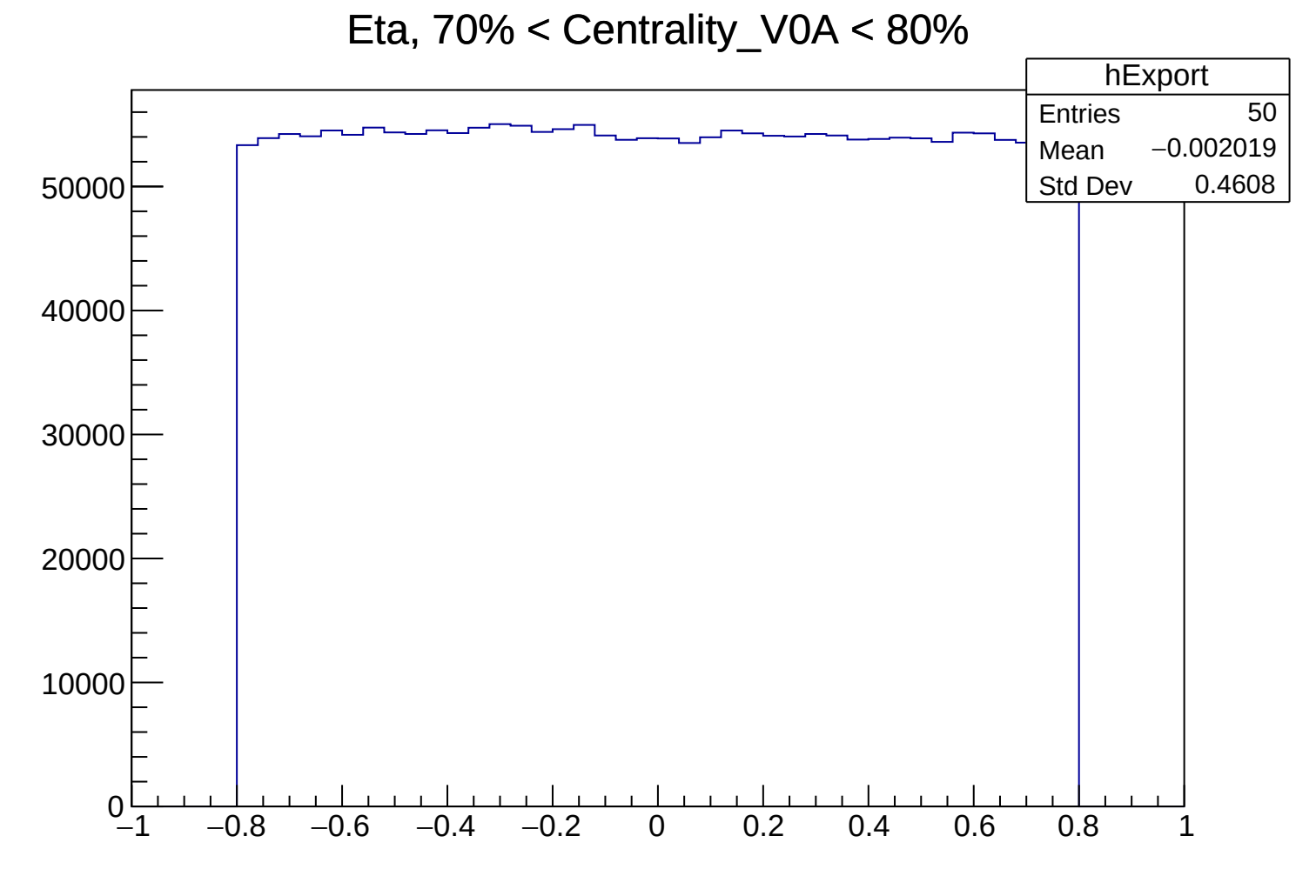

Eta, 20% < Centrality_V0A < 30%
×10^3
180
160
140
120
100
80
60
40
20
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
hExport
Entries 50
Mean 0.01145
Std Dev 0.46

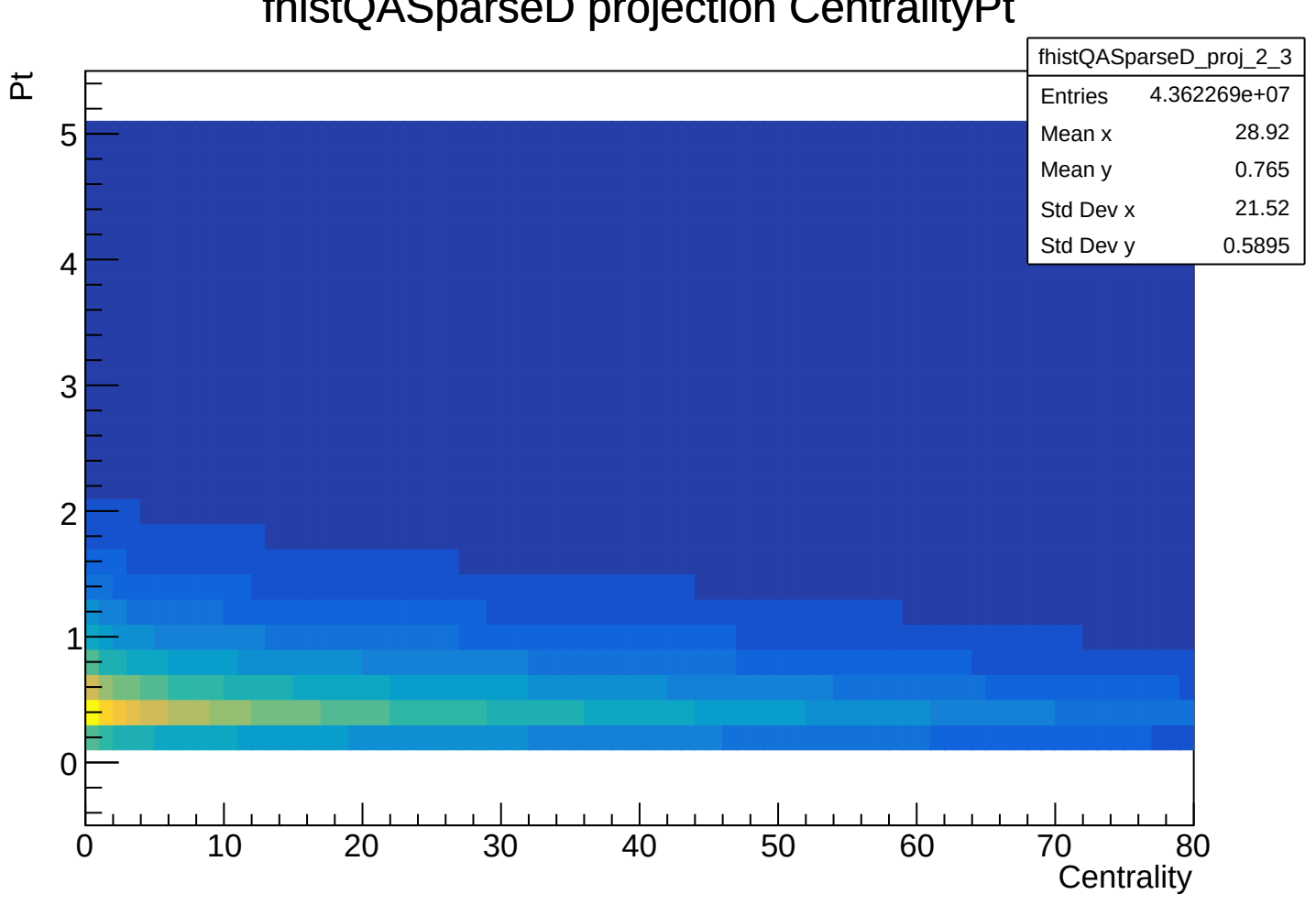

Eta, 30% < Centrality_V0A < 40%
×10^3
hExport
Entries 50
Mean 0.008618
Std Dev 0.4601
140
120
100
80
60
40
20
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1

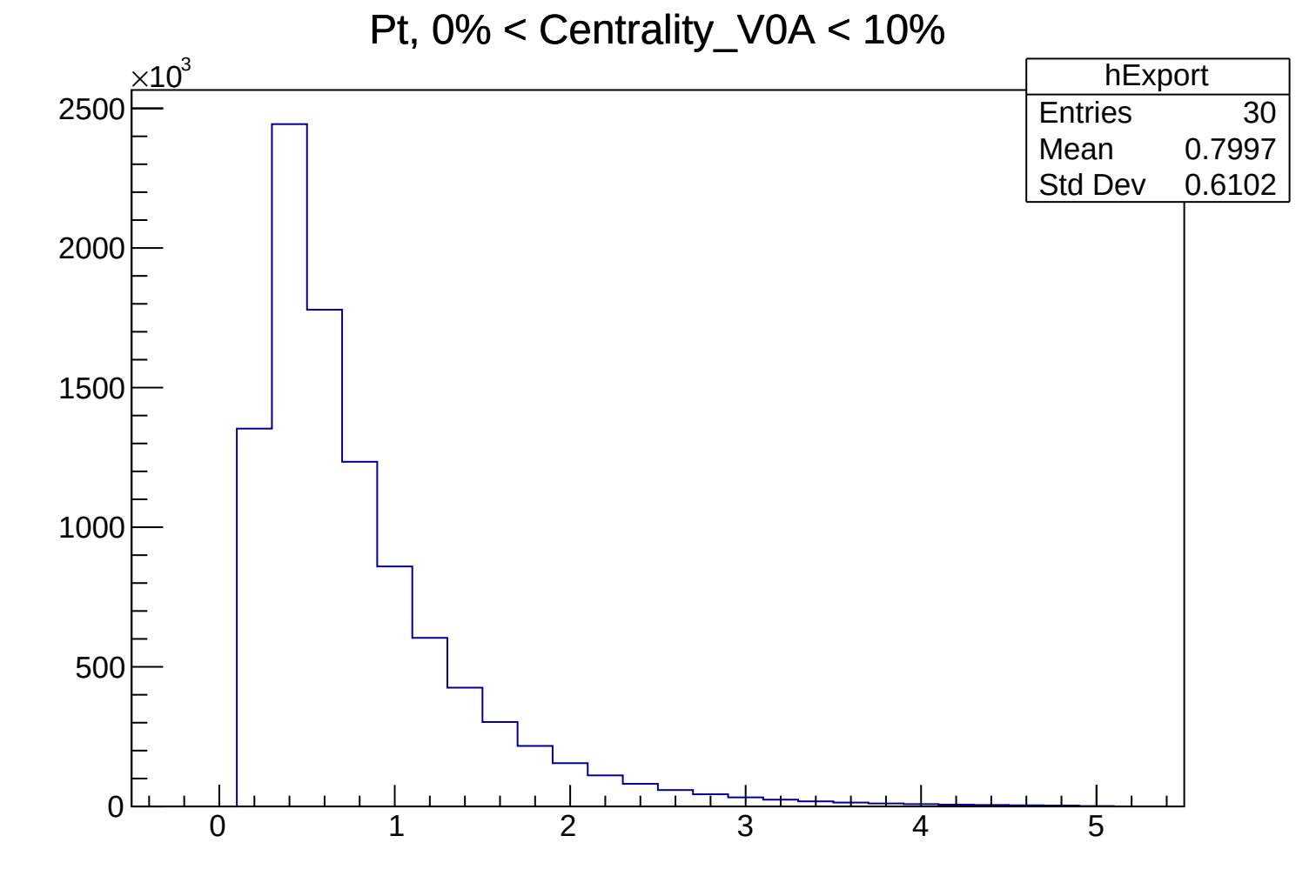

Eta, 40% < Centrality_V0A < 50%
×10^3
120
100
80
60
40
20
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
hExport
Entries 50
Mean 0.006271
Std Dev 0.4602

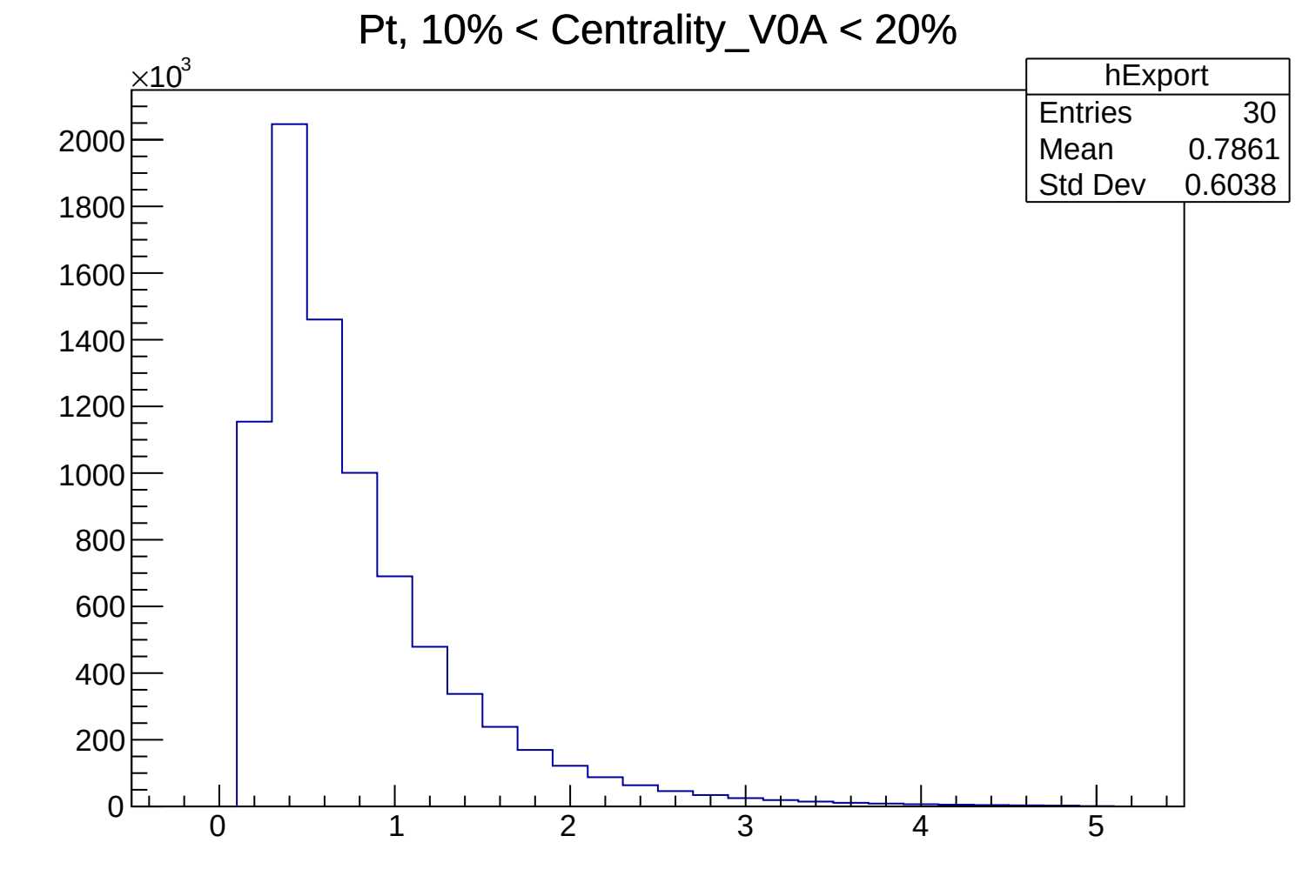

Eta, 50% < Centrality_V0A < 60%
×10^3
100
80
60
40
20
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
hExport
Entries 50
Mean 0.003416
Std Dev 0.4604

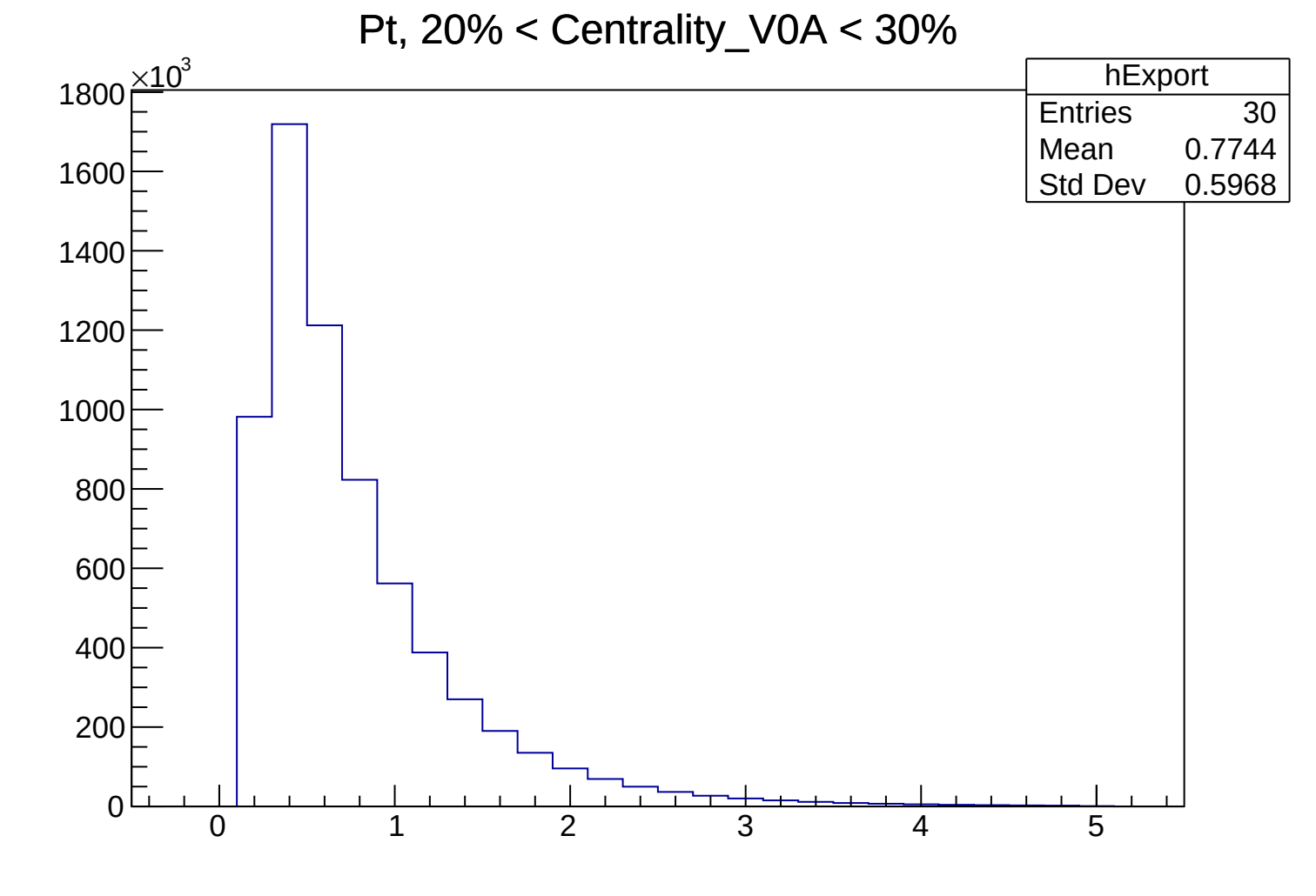

Eta, 60% < Centrality_V0A < 70%
hExport
Entries 50
Mean 0.0006666
Std Dev 0.4606
70000
60000
50000
40000
30000
20000
10000
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1

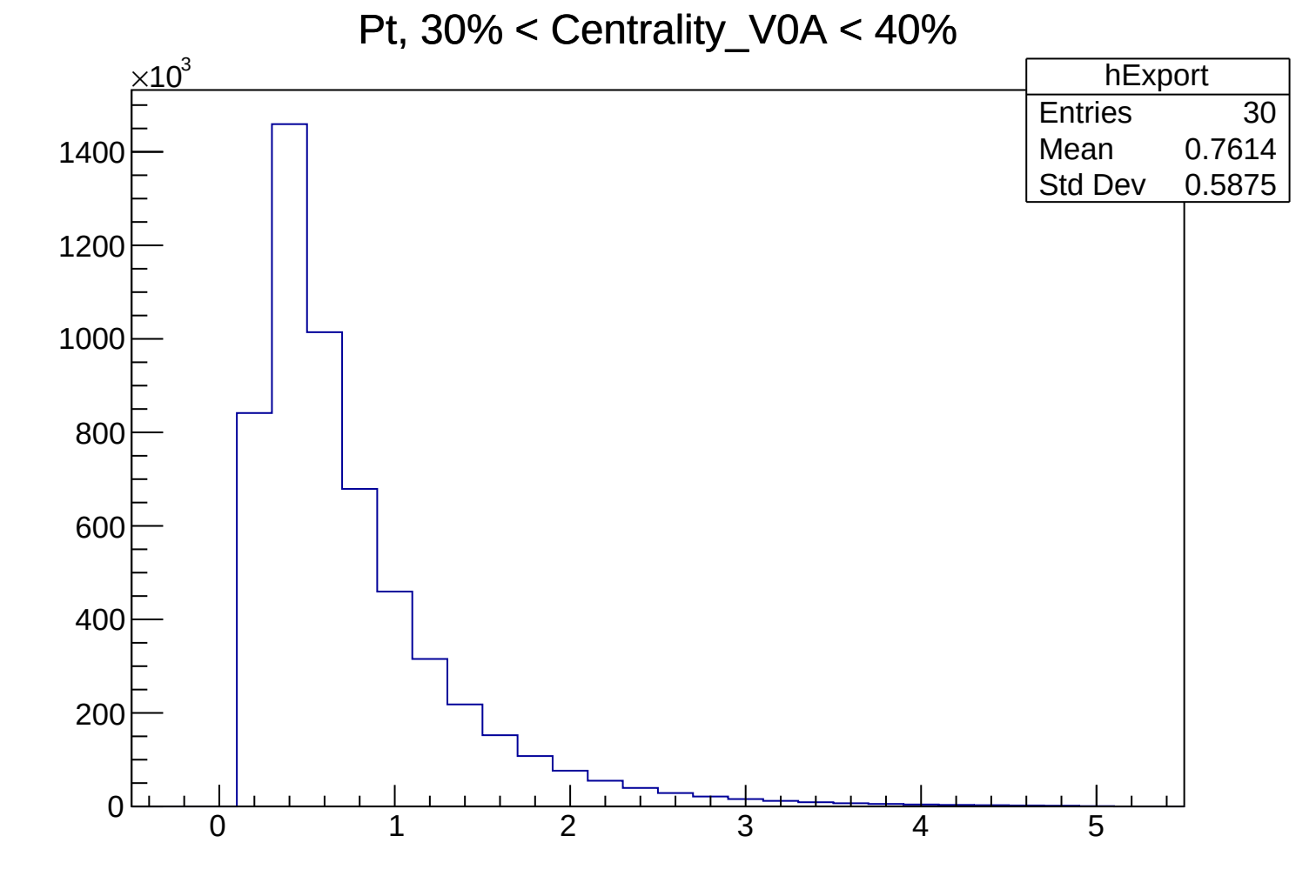

Eta, 70% < Centrality_V0A < 80%
hExport
Entries 50
Mean −0.002019
Std Dev 0.4608
50000
40000
30000
20000
10000
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1

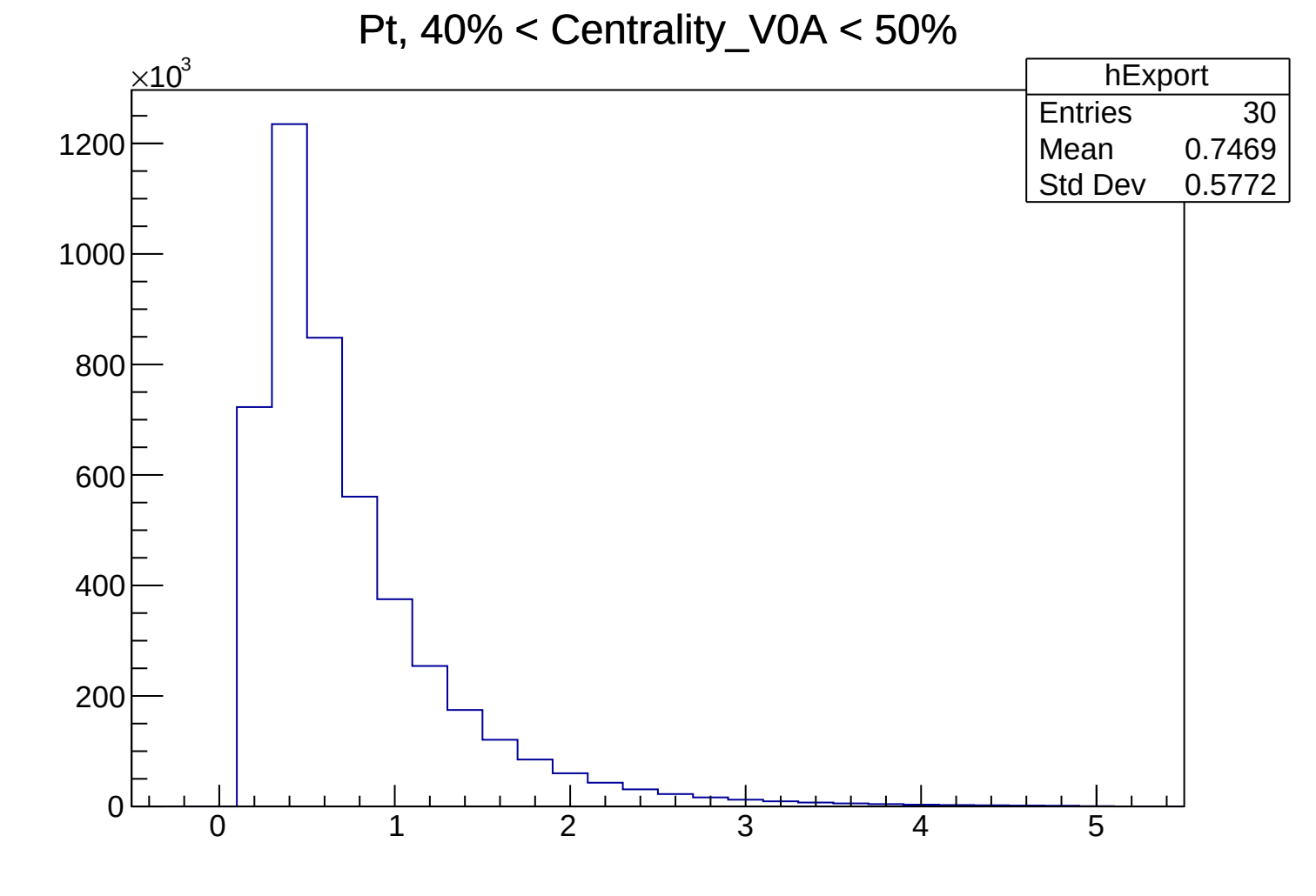

fhistQASparseD projection CentralityPt
fhistQASparseD_proj_2_3
Entries 4.362269e+07
Mean x 28.92
Mean y 0.765
Std Dev x 21.52
Std Dev y 0.5895
Pt
Centrality
0
1
2
3
4
5
0
10
20
30
40
50
60
70
80

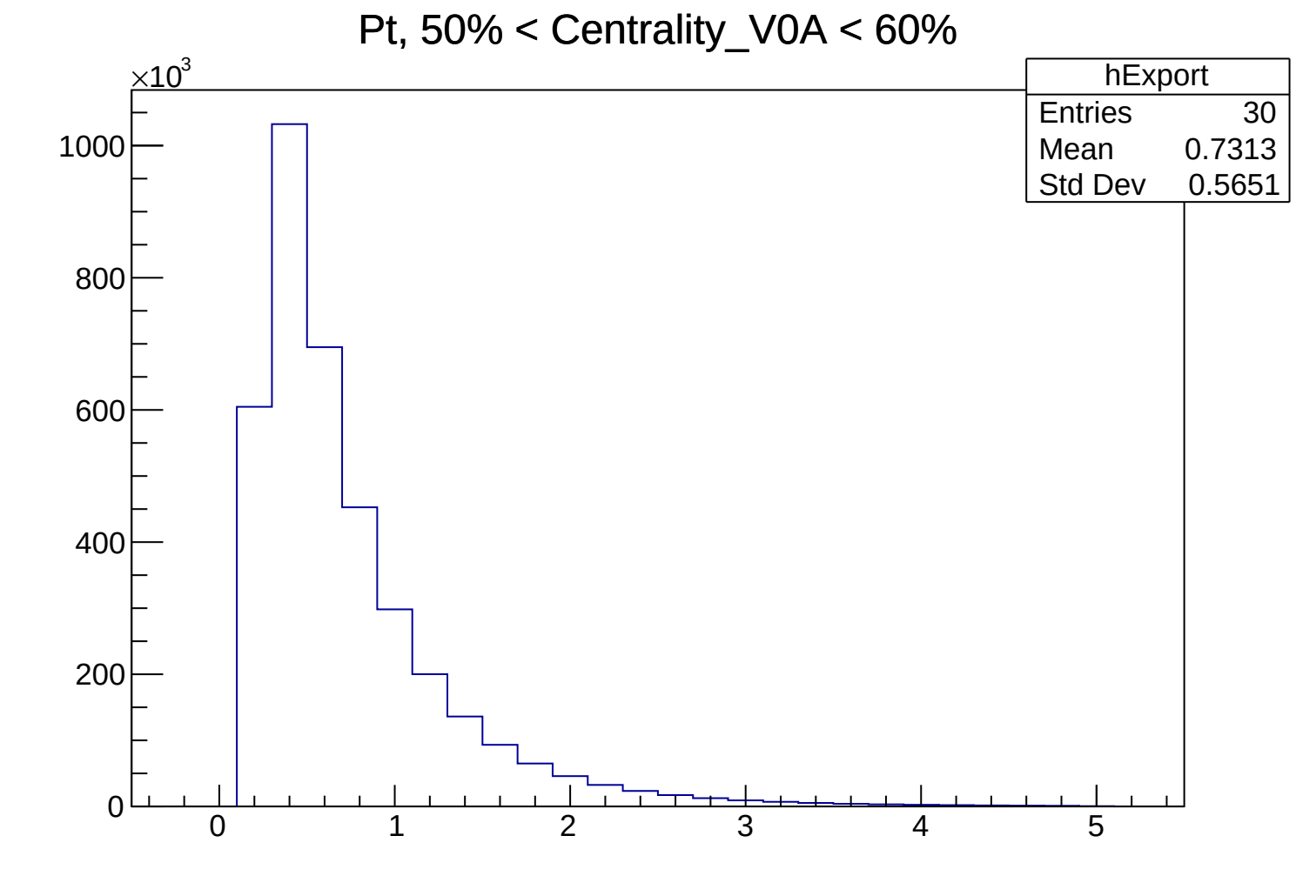

Pt, 0% < Centrality_V0A < 10%
×10^3
2500
2000
1500
1000
500
0
0
1
2
3
4
5
hExport
Entries 30
Mean 0.7997
Std Dev 0.6102

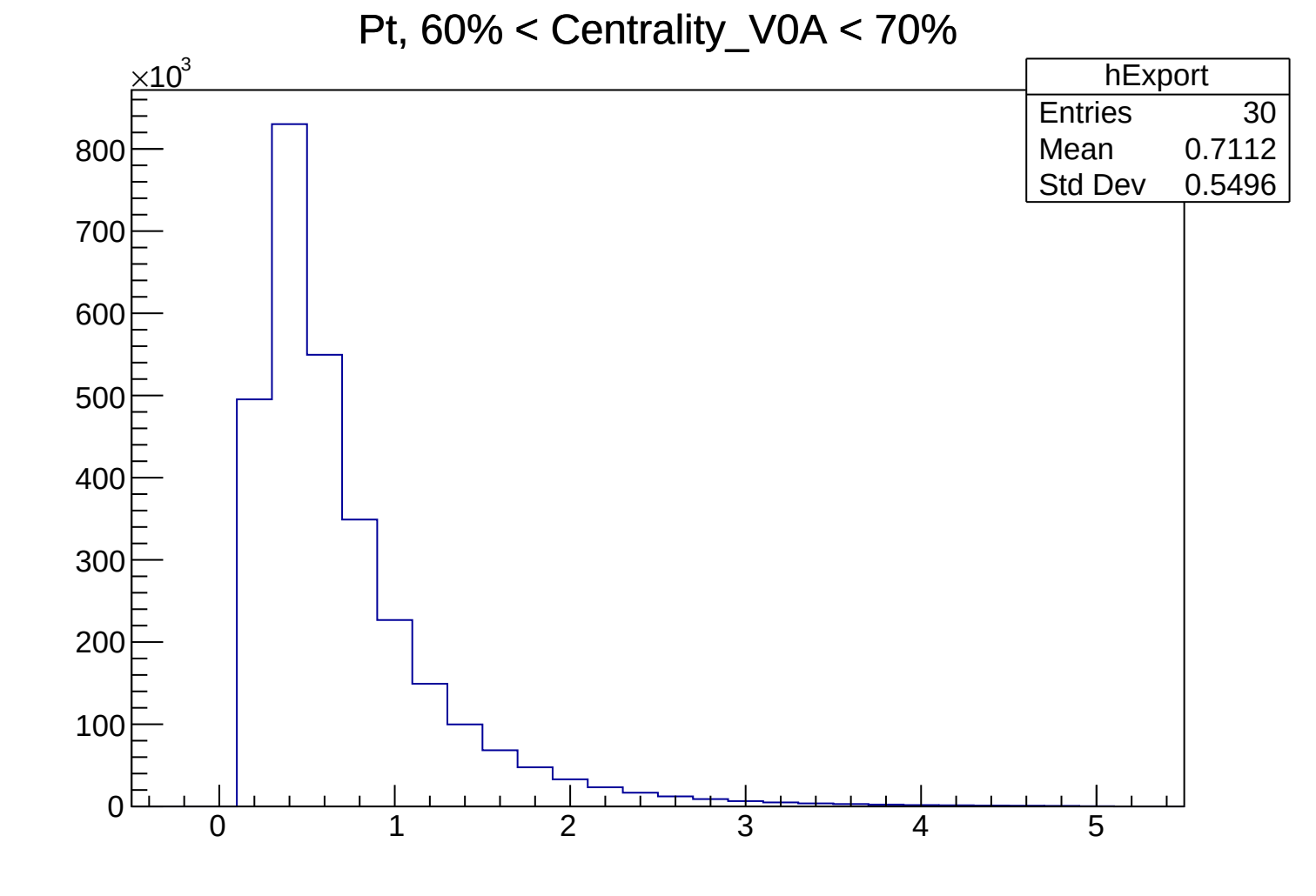

Pt, 10% < Centrality_V0A < 20%
×10^3
hExport
Entries 30
Mean 0.7861
Std Dev 0.6038
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
1
2
3
4
5

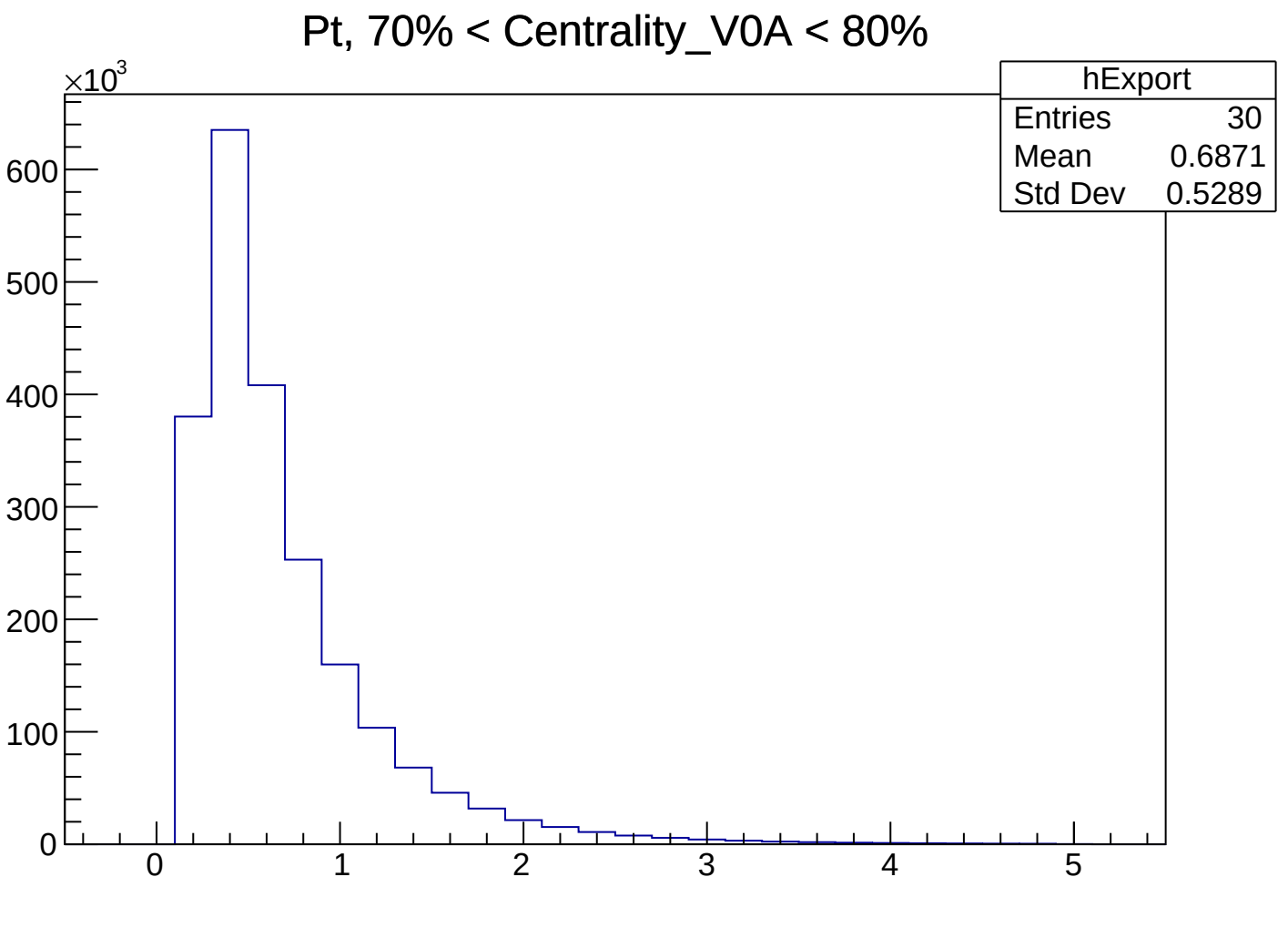

Pt, 20% < Centrality_V0A < 30%
hExport
Entries 30
Mean 0.7744
Std Dev 0.5968
×10^3
1800
1600
1400
1200
1000
800
600
400
200
0
0
1
2
3
4
5

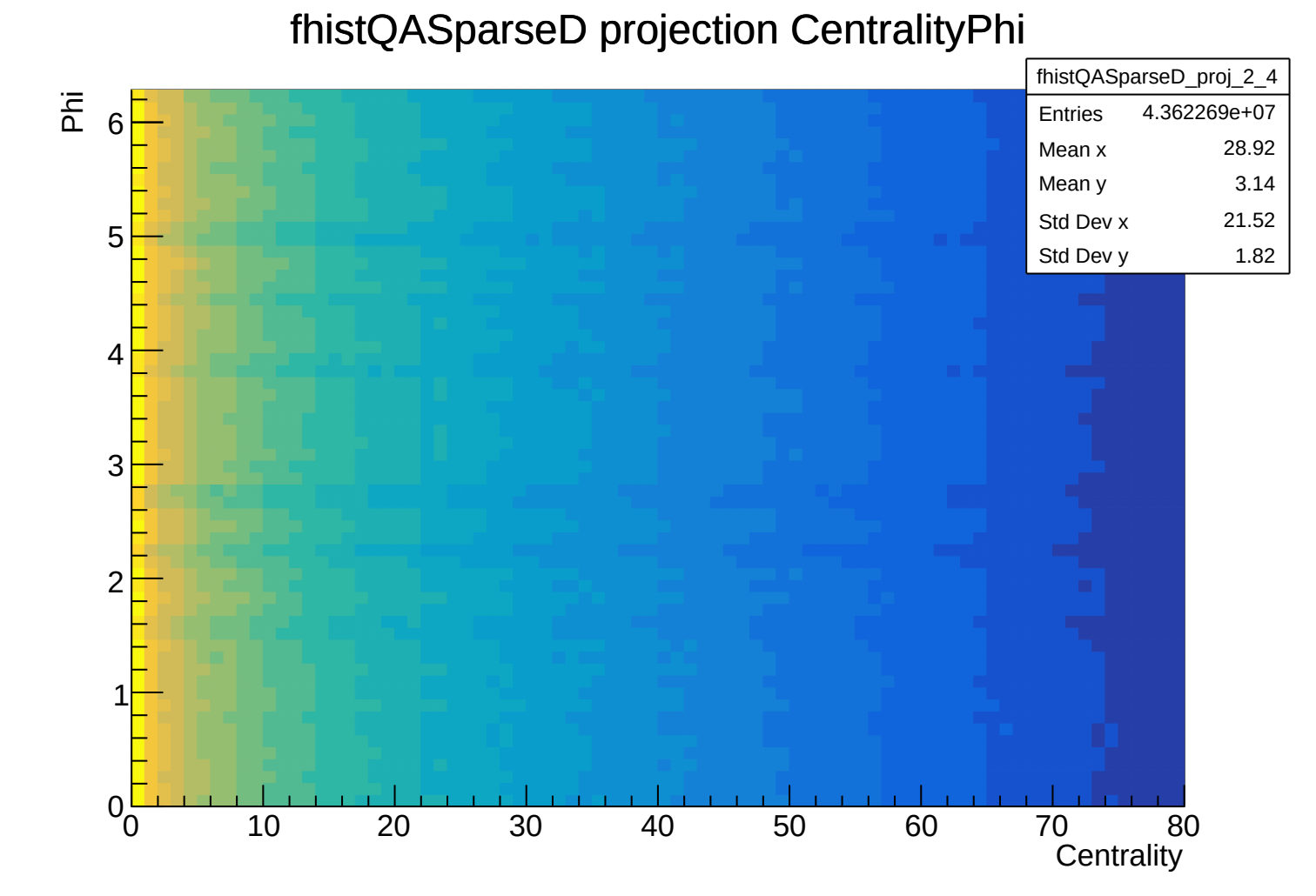

Pt, 30% < Centrality_V0A < 40%
hExport
Entries 30
Mean 0.7614
Std Dev 0.5875
×10^3
1400
1200
1000
800
600
400
200
0
0
1
2
3
4
5

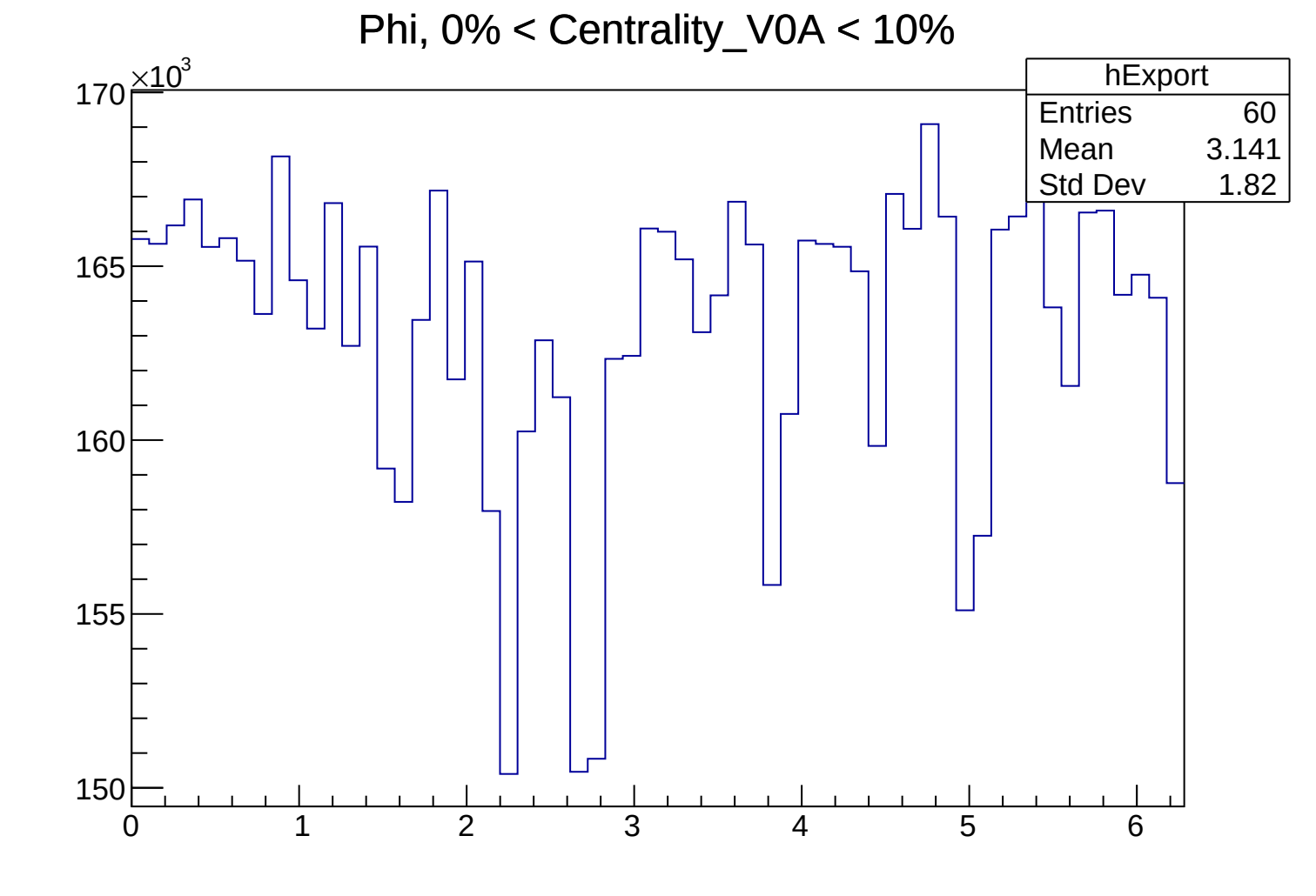

Pt, 40% < Centrality_V0A < 50%
hExport
Entries 30
Mean 0.7469
Std Dev 0.5772
×10^3
1200
1000
800
600
400
200
0
0
1
2
3
4
5

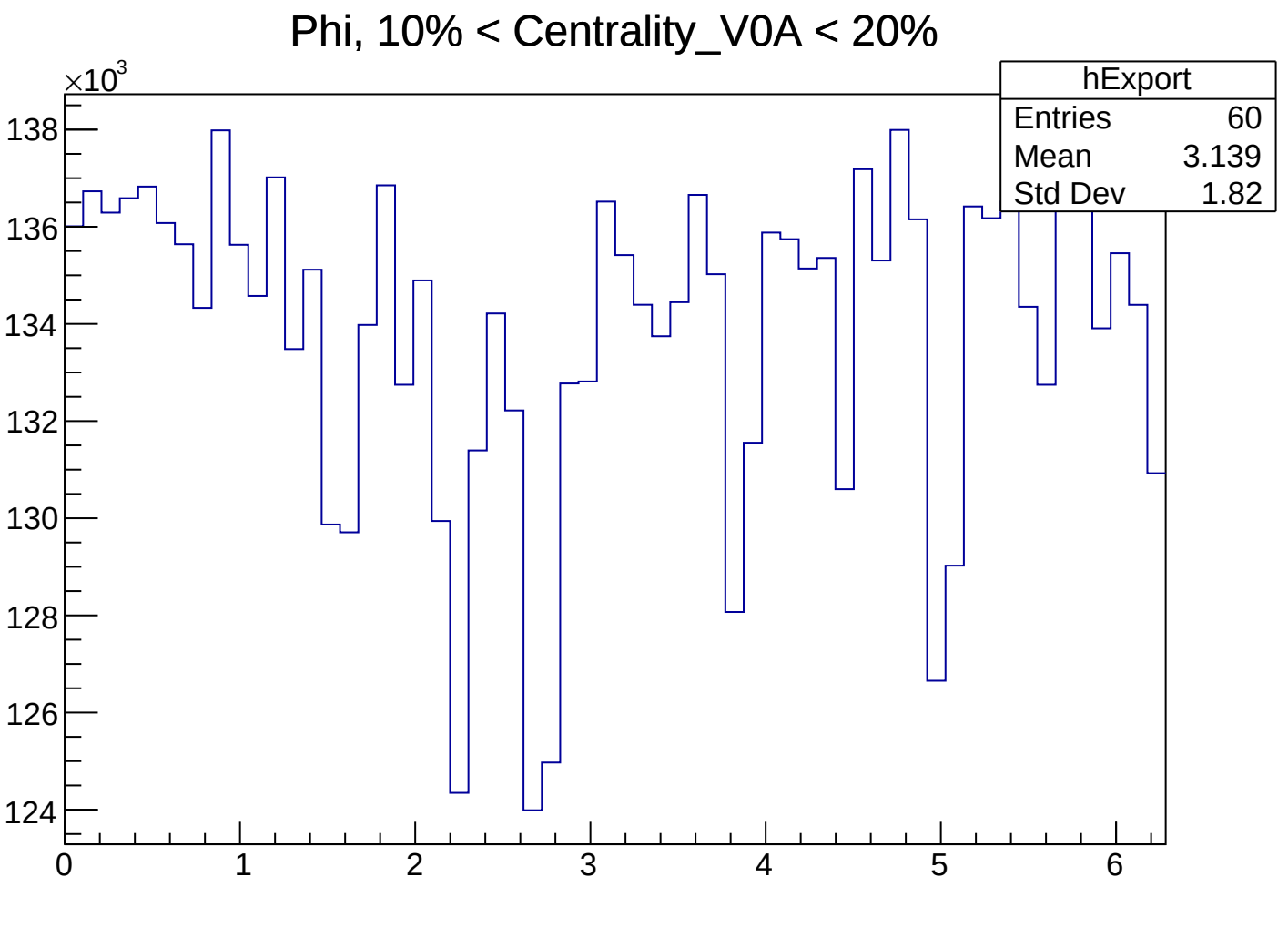

Pt, 50% < Centrality_V0A < 60%
hExport
Entries 30
Mean 0.7313
Std Dev 0.5651
×10^3
1000
800
600
400
200
0
0
1
2
3
4
5

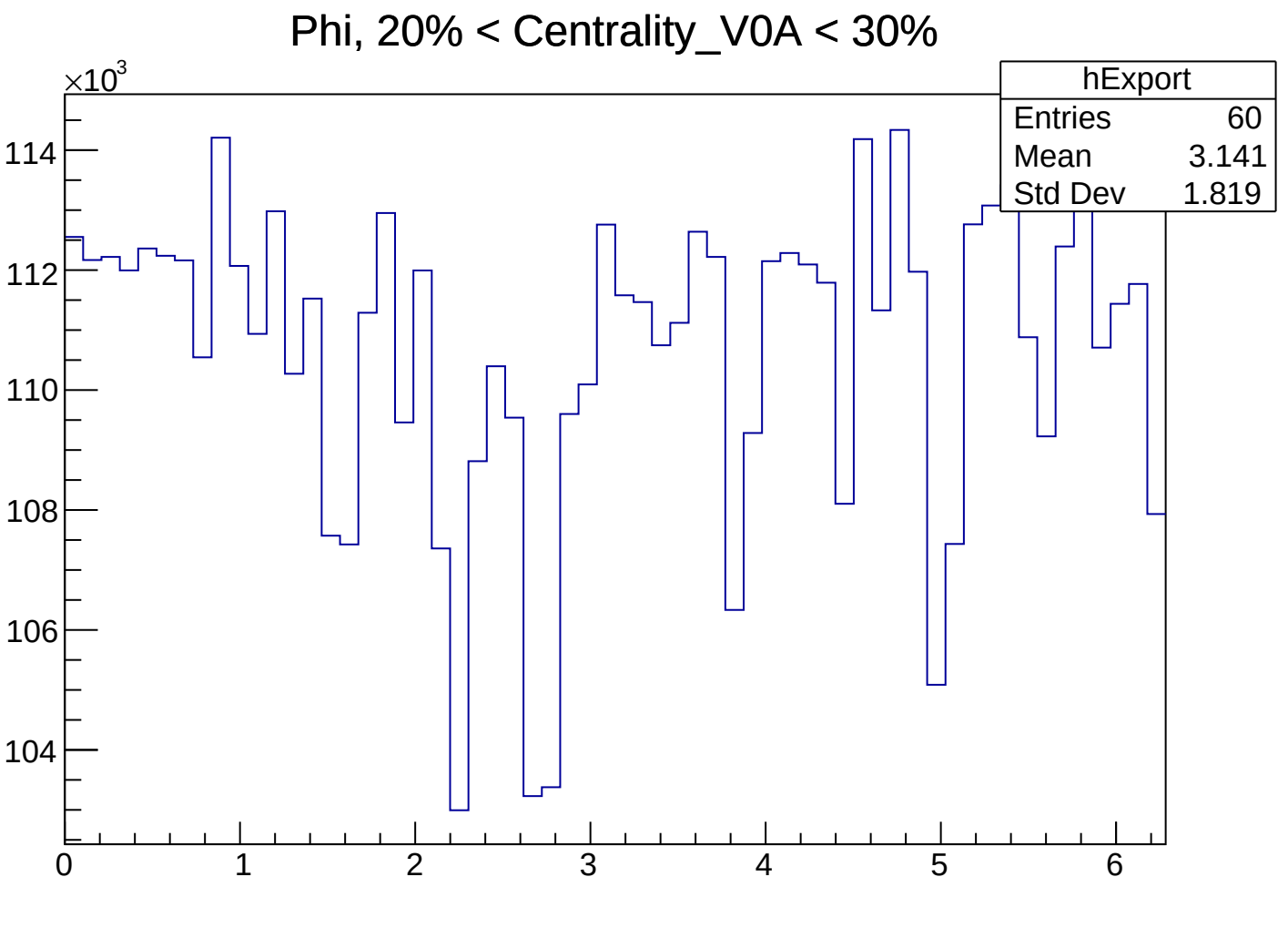

Pt, 60% < Centrality_V0A < 70%
hExport
Entries 30
Mean 0.7112
Std Dev 0.5496
×10^3
800
700
600
500
400
300
200
100
0
0
1
2
3
4
5

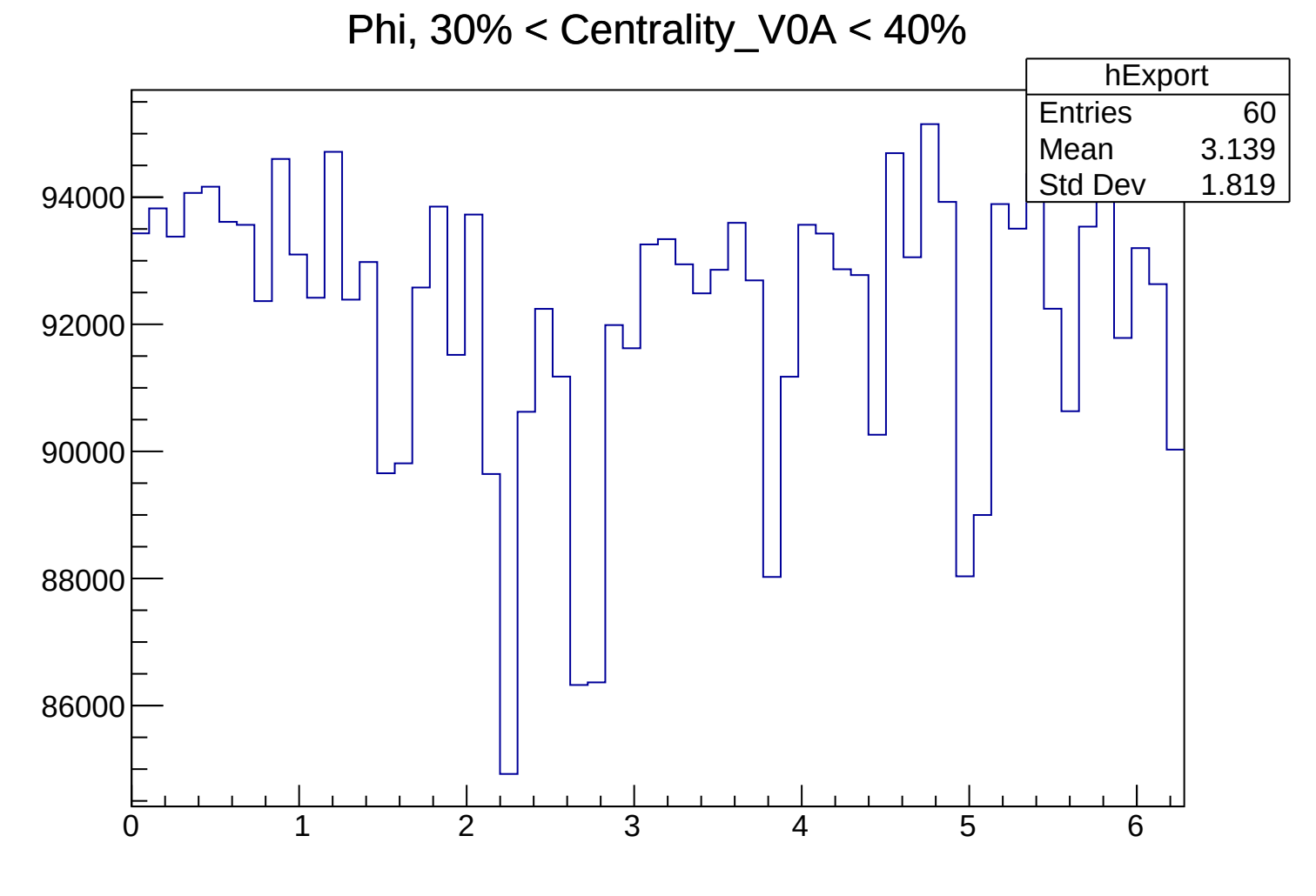

Pt, 70% < Centrality_V0A < 80%
×10^3
hExport
Entries 30
Mean 0.6871
Std Dev 0.5289
600
500
400
300
200
100
0
0
1
2
3
4
5

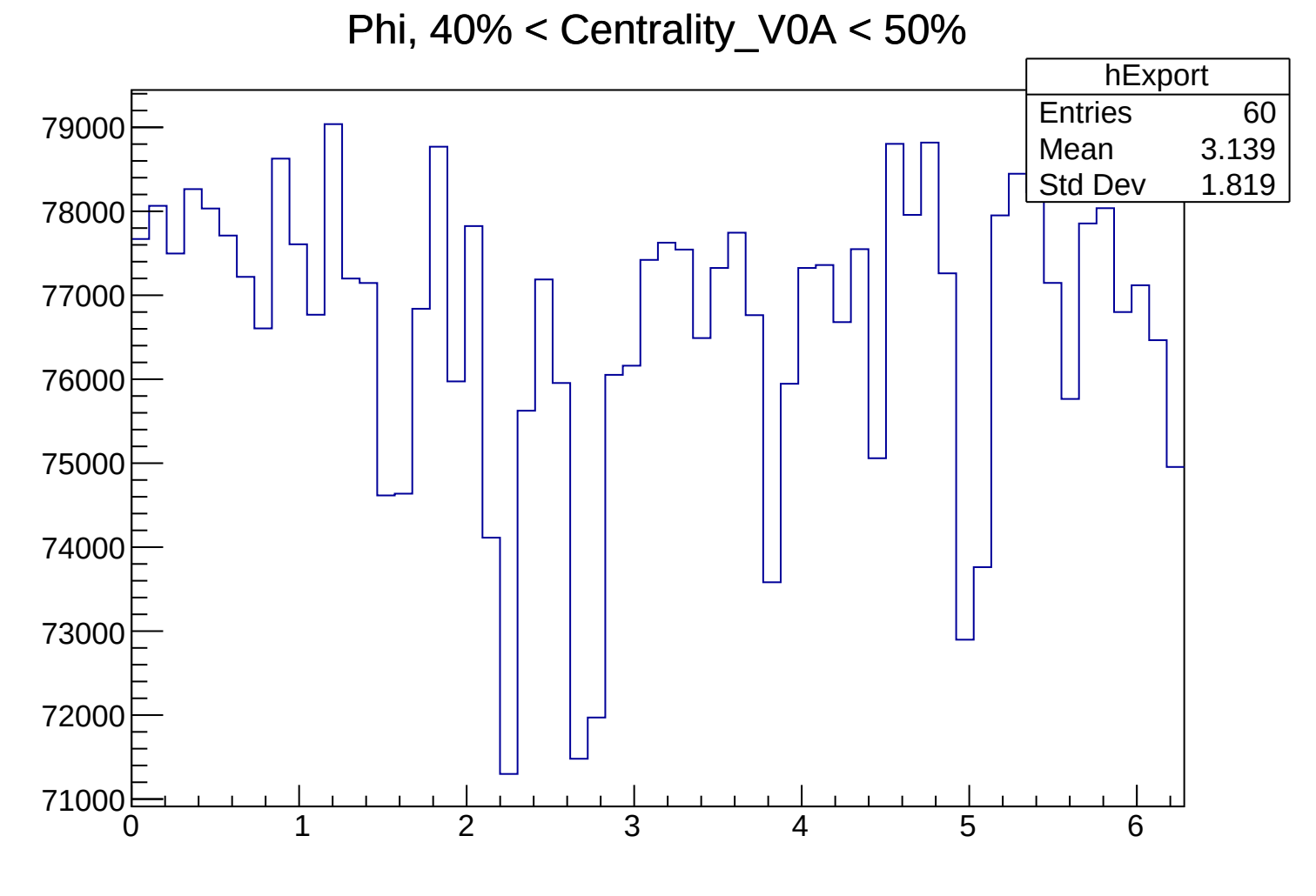

fhistQASparseD projection CentralityPhi
fhistQASparseD_proj_2_4
Entries 4.362269e+07
Mean x 28.92
Mean y 3.14
Std Dev x 21.52
Std Dev y 1.82
Phi
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
80
Centrality

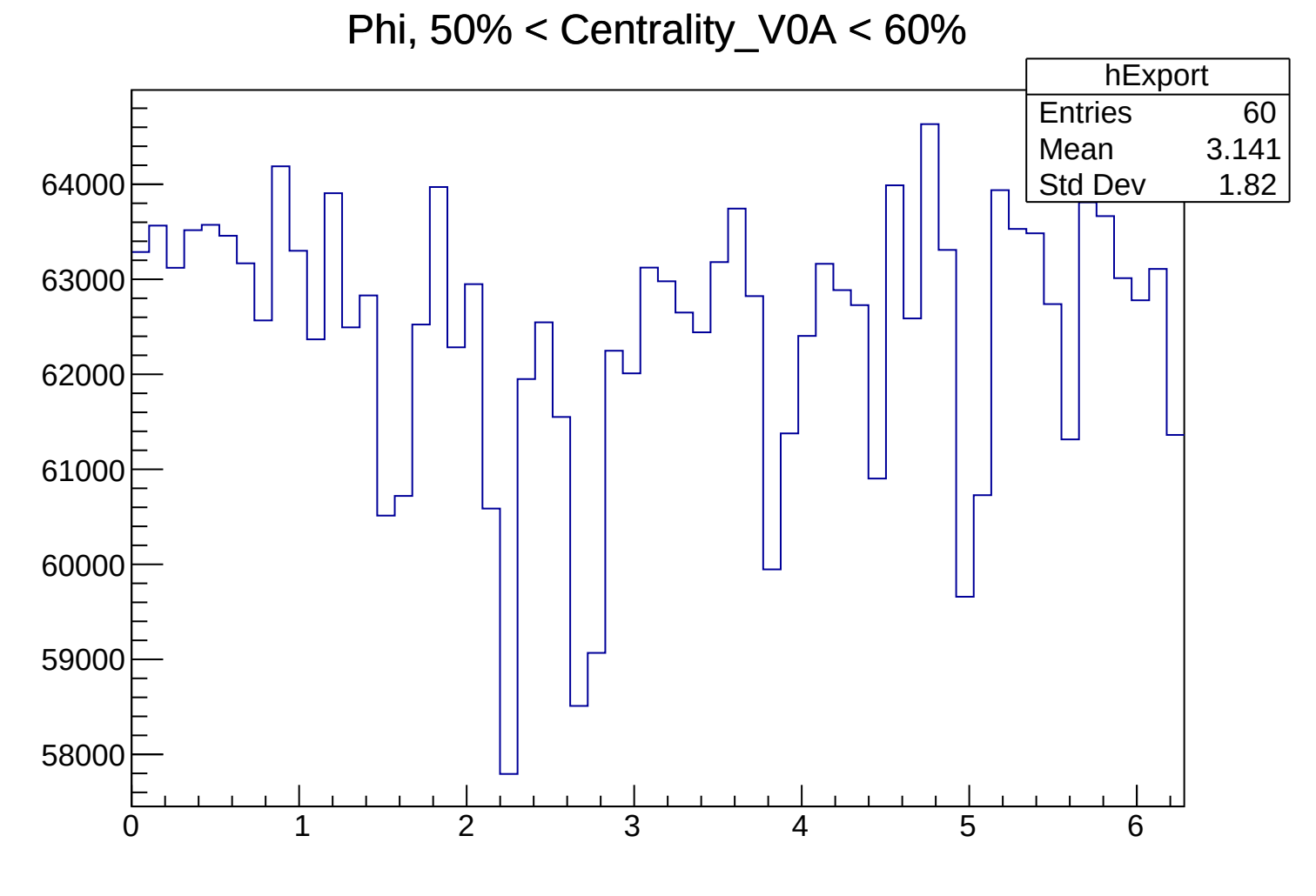

Phi, 0% < Centrality_V0A < 10%
×10^3
170
165
160
155
150
0
1
2
3
4
5
6
hExport
Entries 60
Mean 3.141
Std Dev 1.82

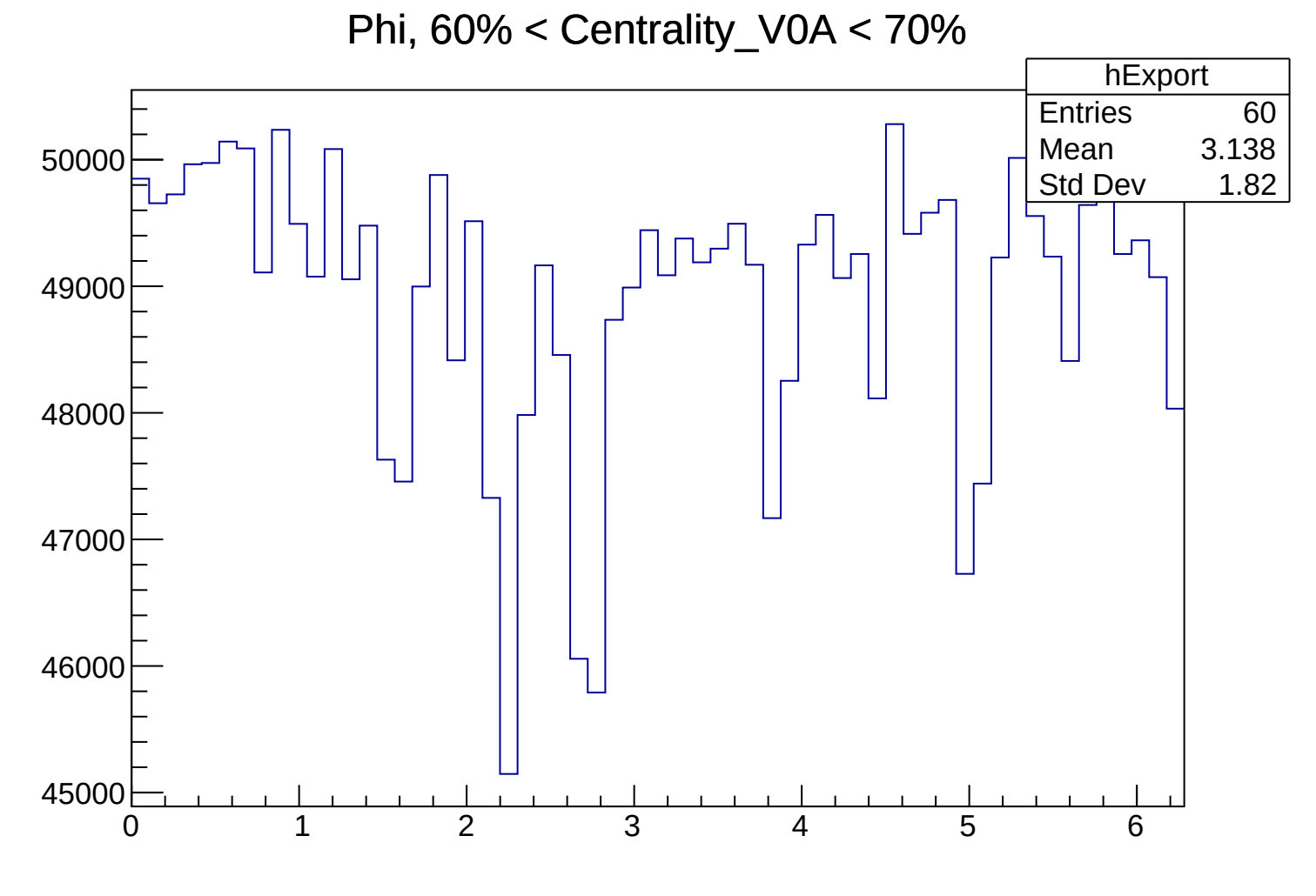

Phi, 10% < Centrality_V0A < 20%
×10^3
138
136
134
132
130
128
126
124
0
1
2
3
4
5
6
hExport
Entries 60
Mean 3.139
Std Dev 1.82

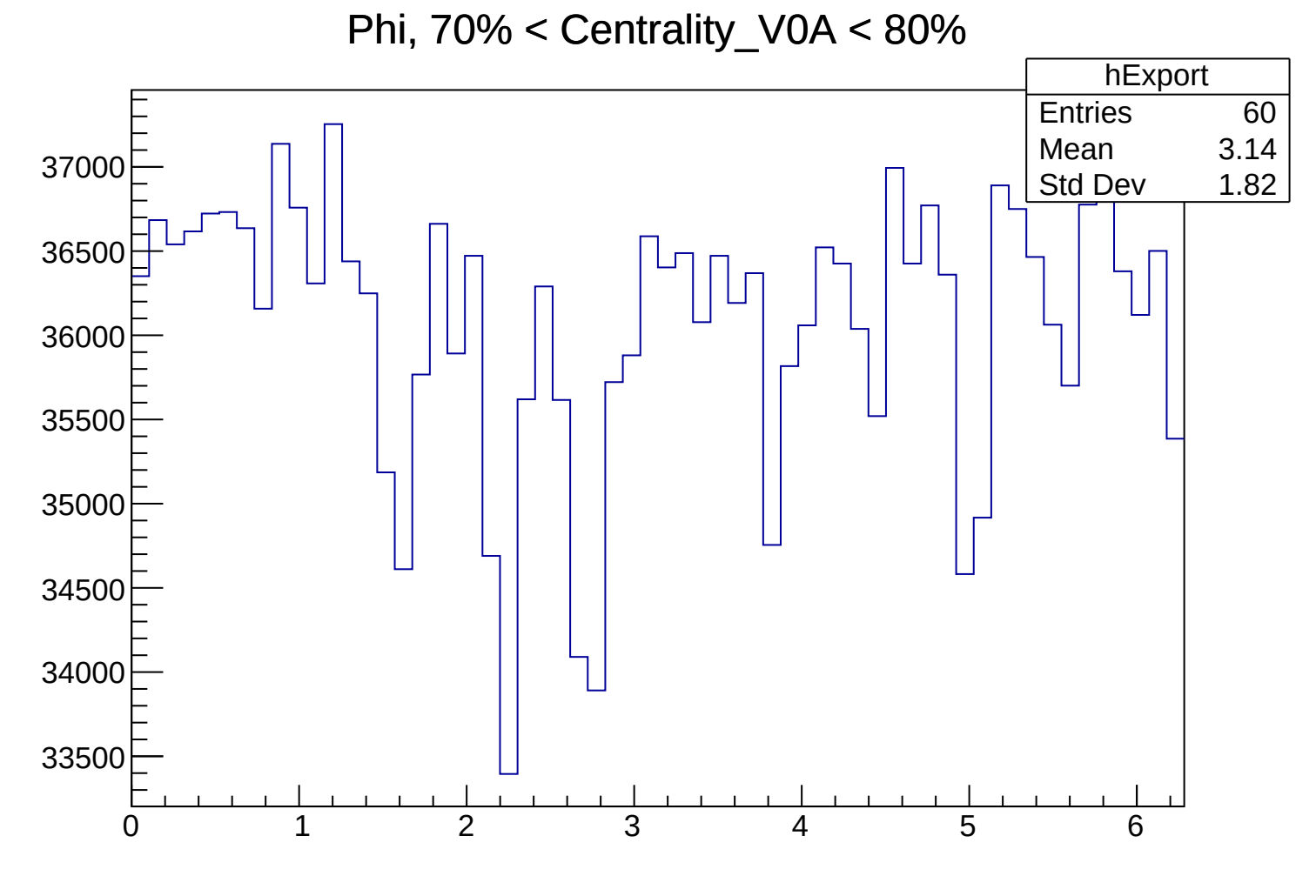

Phi, 20% < Centrality_V0A < 30%
×10^3
114
112
110
108
106
104
0
1
2
3
4
5
6
hExport
Entries 60
Mean 3.141
Std Dev 1.819


Phi, 30% < Centrality_V0A < 40%
hExport
Entries 60
Mean 3.139
Std Dev 1.819
94000
92000
90000
88000
86000
0
1
2
3
4
5
6


Phi, 40% < Centrality_V0A < 50%
hExport
Entries 60
Mean 3.139
Std Dev 1.819
79000
78000
77000
76000
75000
74000
73000
72000
71000
0
1
2
3
4
5
6


Phi, 50% < Centrality_V0A < 60%
hExport
Entries 60
Mean 3.141
Std Dev 1.82
64000
63000
62000
61000
60000
59000
58000
0
1
2
3
4
5
6


Phi, 60% < Centrality_V0A < 70%
hExport
Entries 60
Mean 3.138
Std Dev 1.82
50000
49000
48000
47000
46000
45000
0
1
2
3
4
5
6


Phi, 70% < Centrality_V0A < 80%
hExport
Entries 60
Mean 3.14
Std Dev 1.82
37000
36500
36000
35500
35000
34500
34000
33500
0
1
2
3
4
5
6