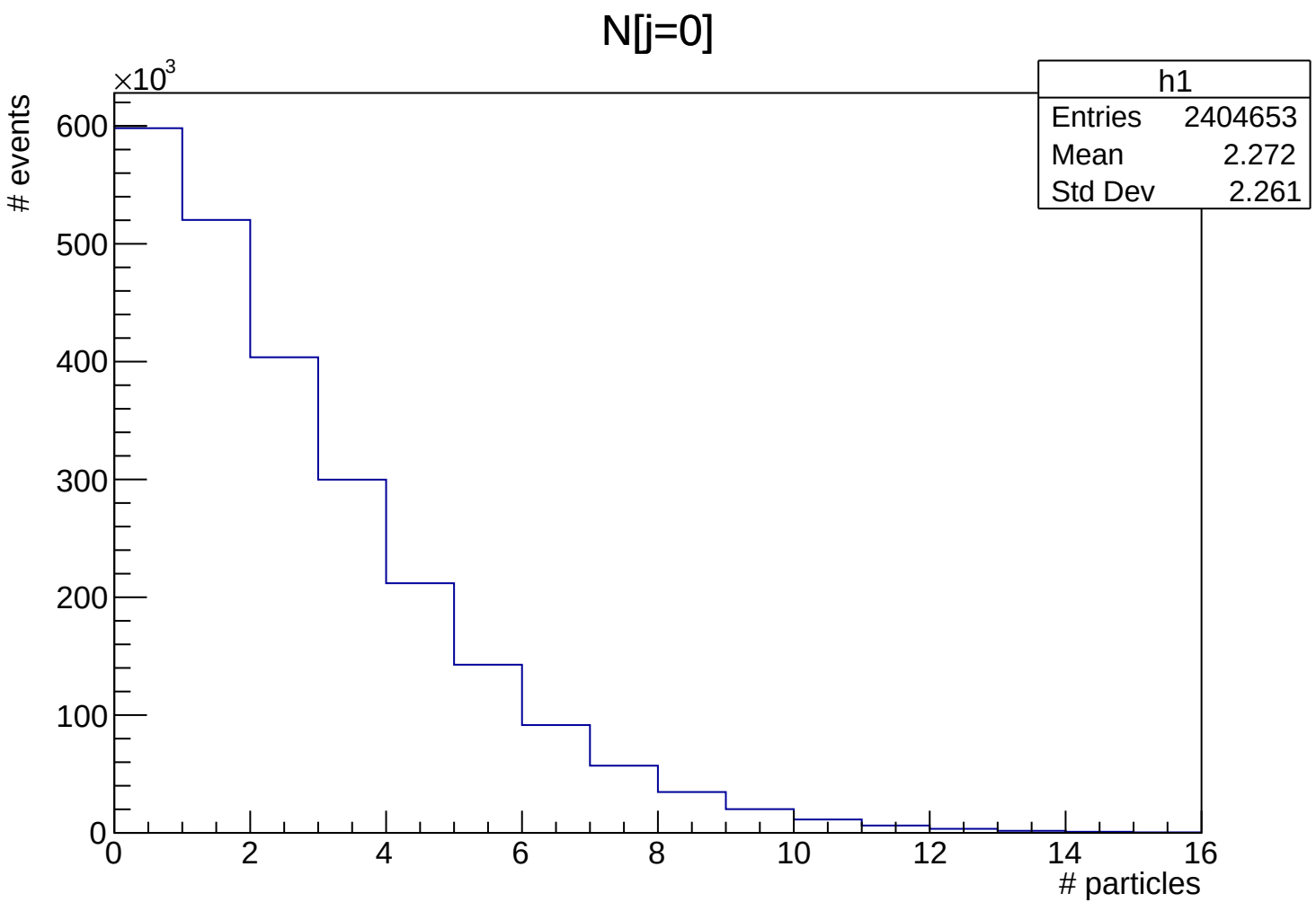
N[j=0]
h1
Entries 2404653
Mean 2.272
Std Dev 2.261
×10^3
events
particles
0
100
200
300
400
500
600
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2
4
6
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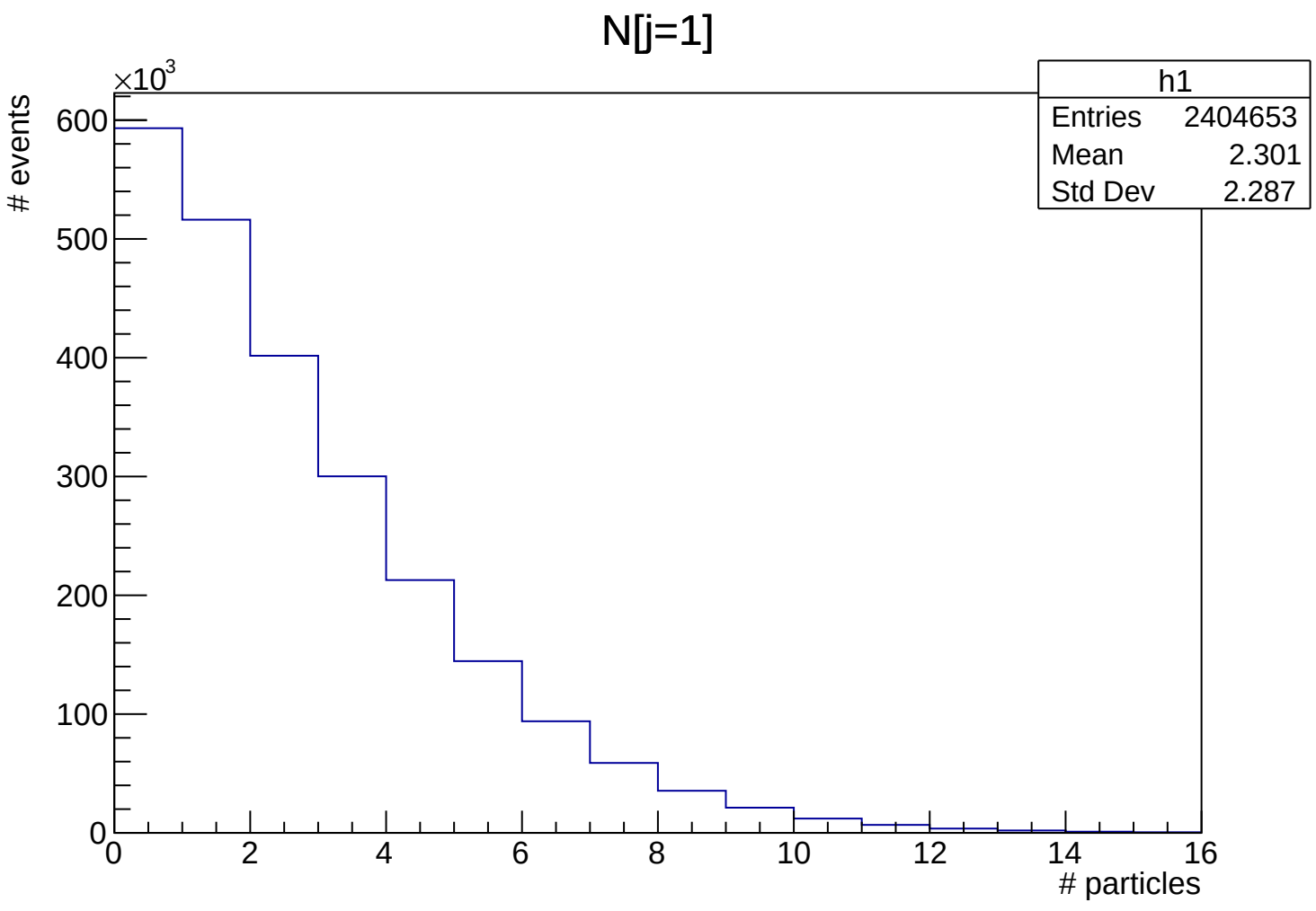
14
16


N[j=1]
h1
Entries 2404653
Mean 2.301
Std Dev 2.287
×10^3
events
600
500
400
300
200
100
0
0
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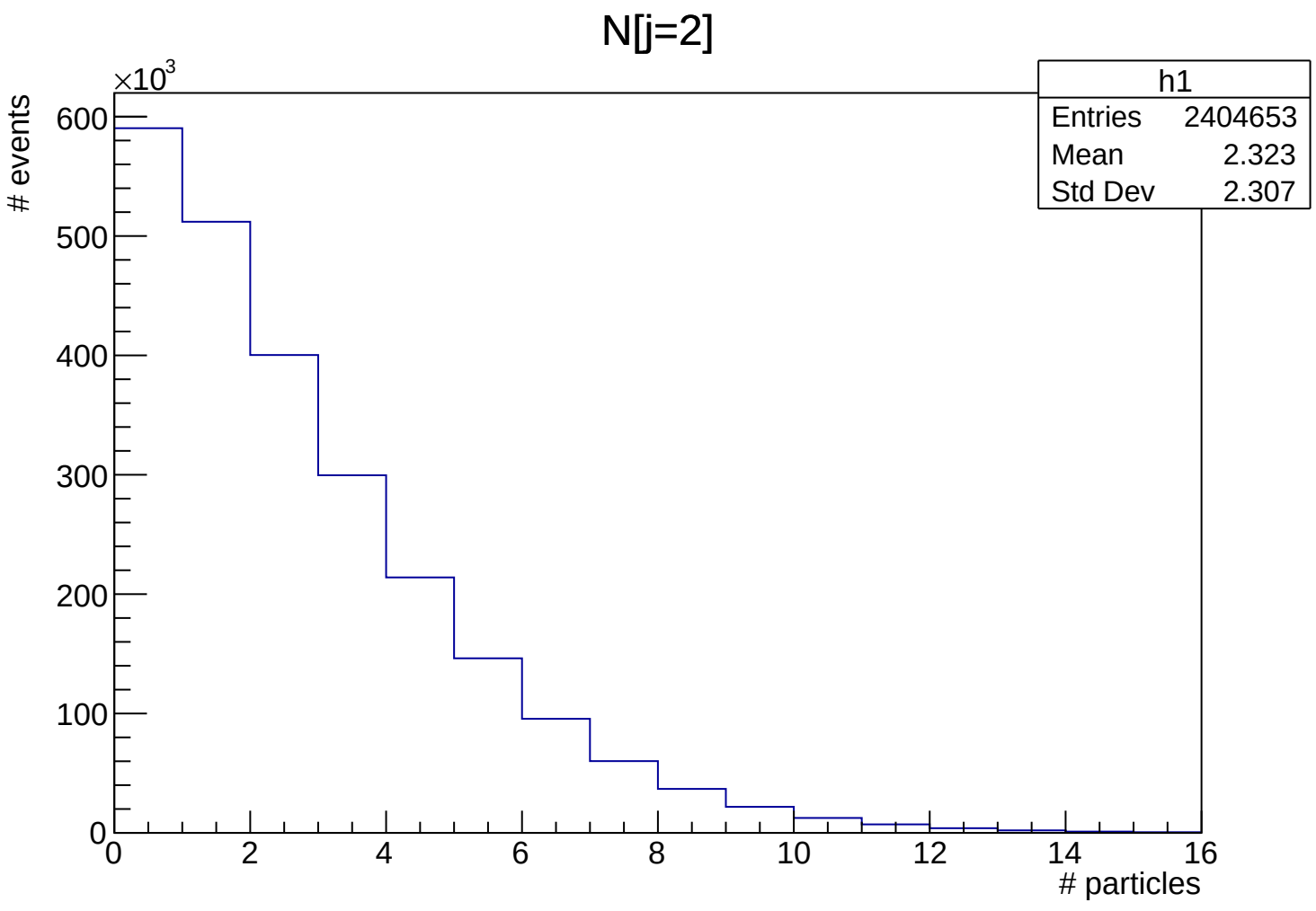
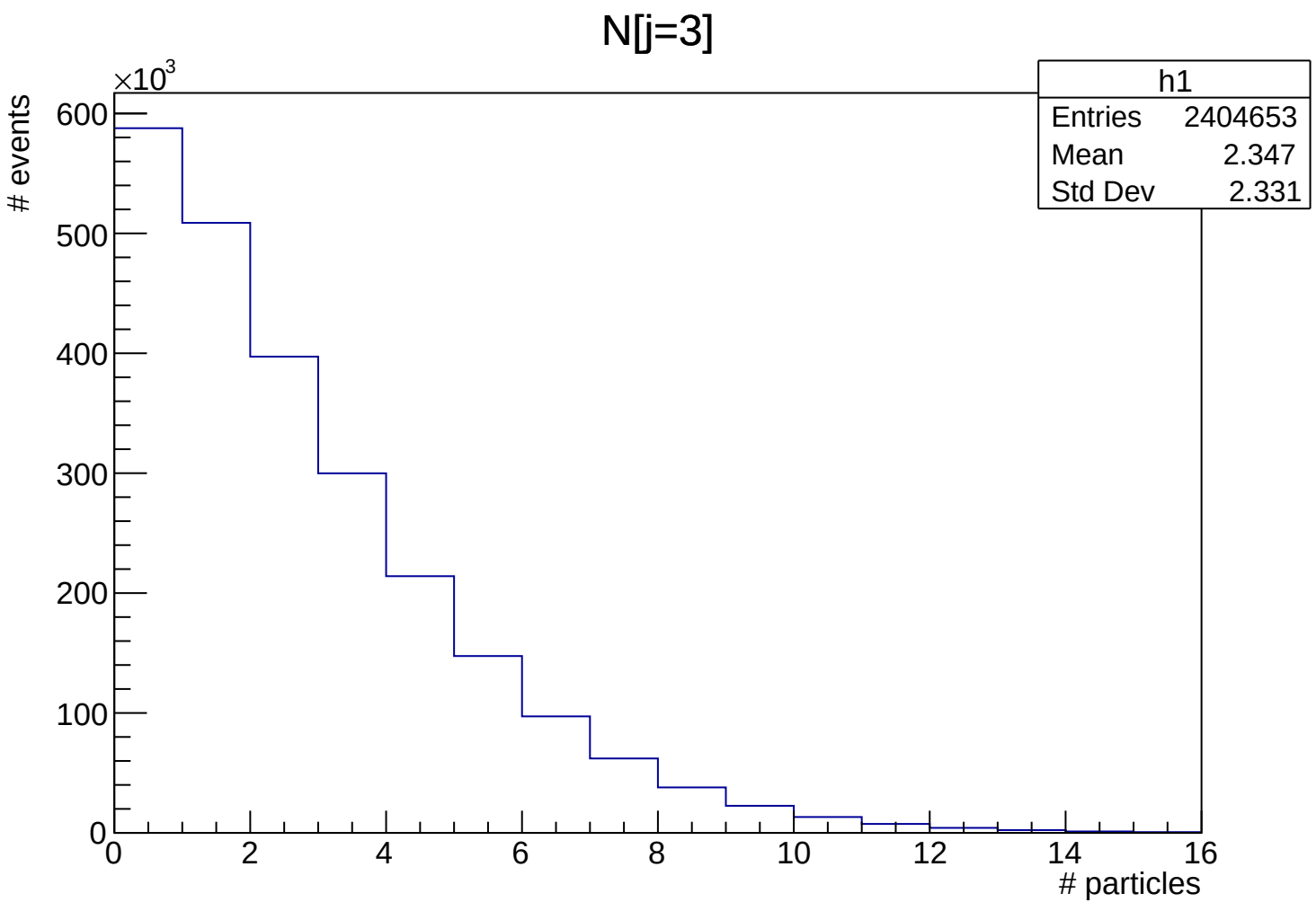
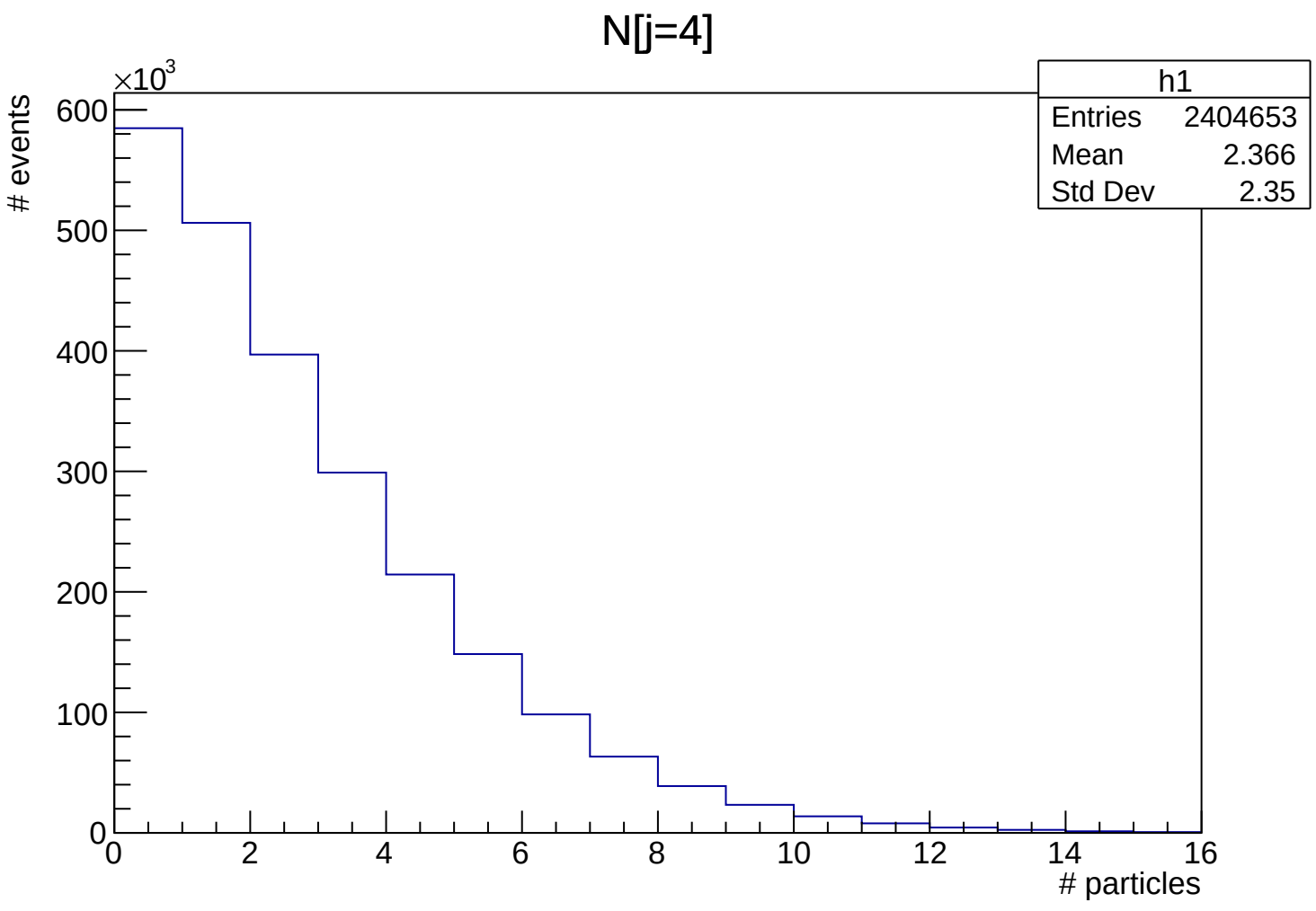
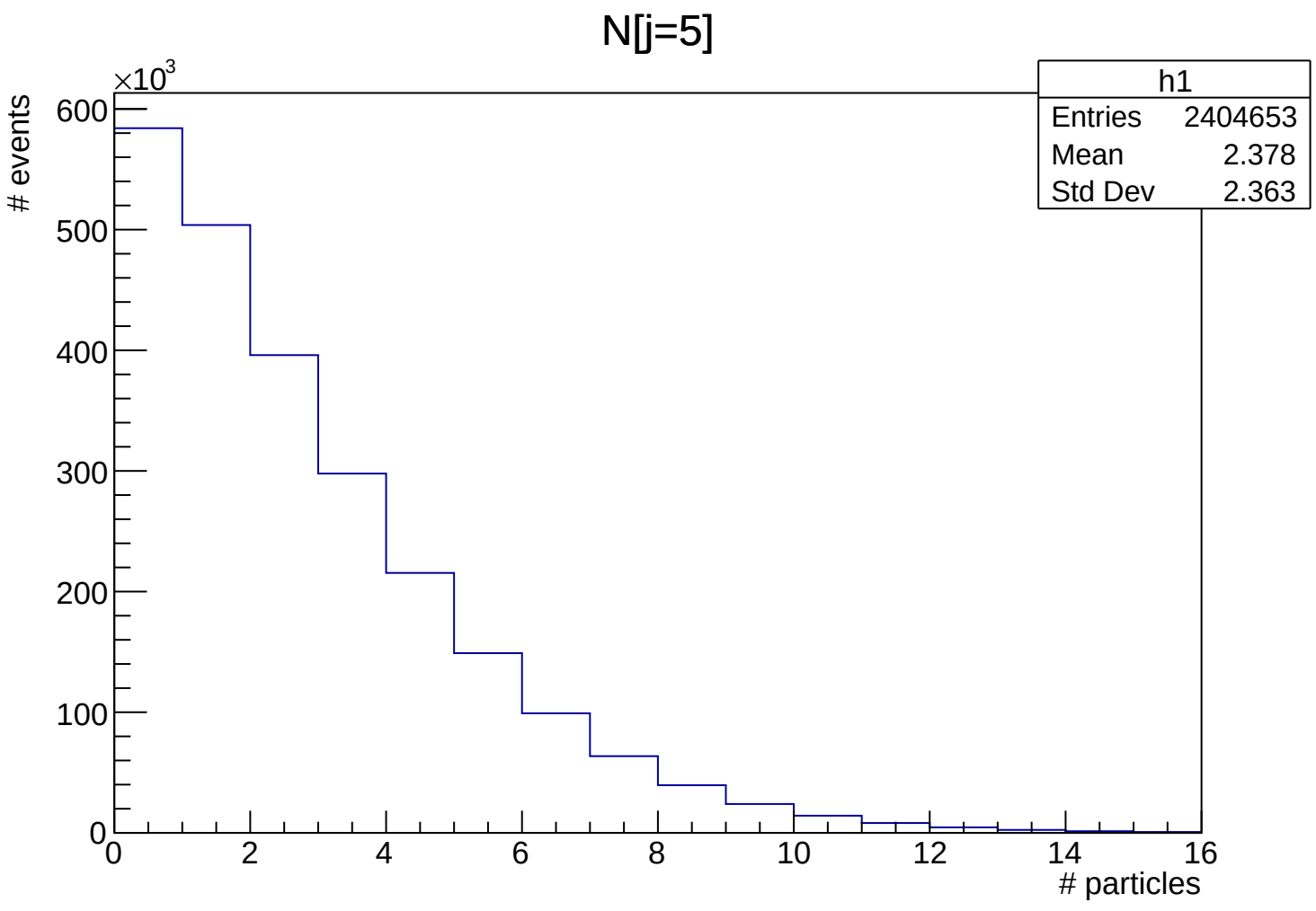
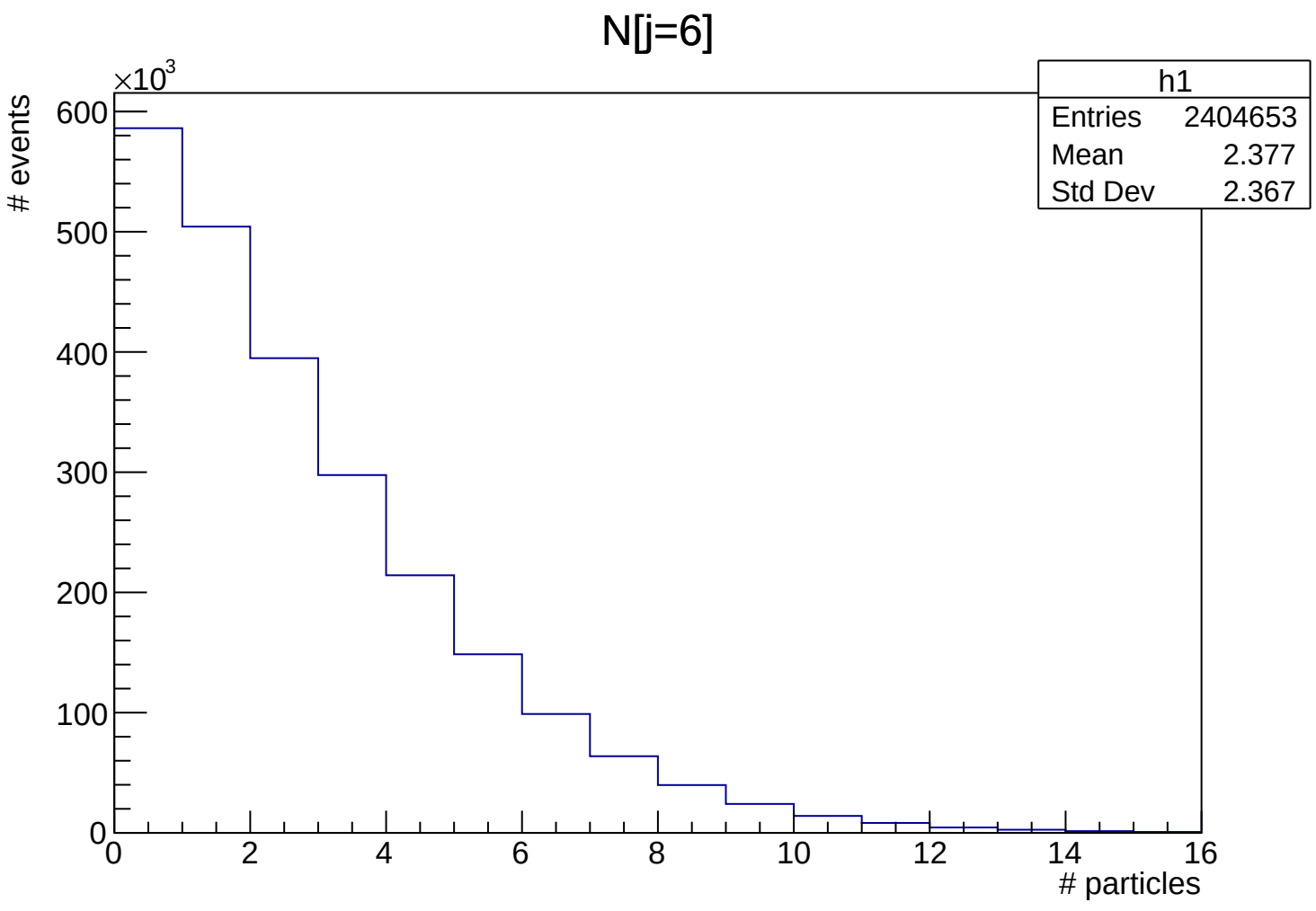
4
6
8
10
12
14
16
particles

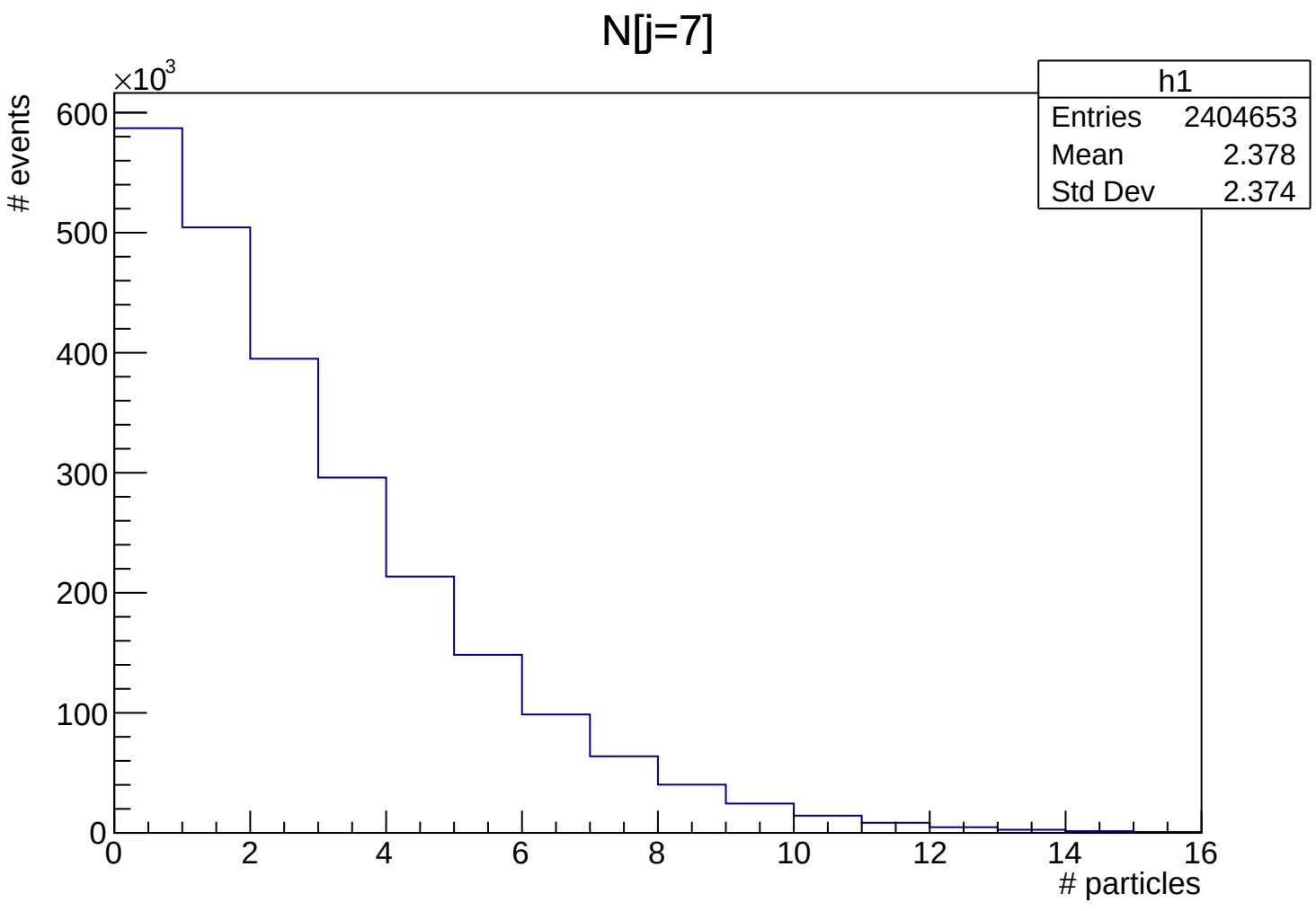

N[j=2]
h1
Entries 2404653
Mean 2.323
Std Dev 2.307
×10^3
events
600
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
particles


N[j=3]
h1
Entries 2404653
Mean 2.347
Std Dev 2.331
×10^3
events
600
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
particles


N[j=4]
h1
Entries 2404653
Mean 2.366
Std Dev 2.35
×10^3
events
particles
0
100
200
300
400
500
600
0
2
4
6
8
10
12
14
16


N[j=5]
h1
Entries 2404653
Mean 2.378
Std Dev 2.363
×10^3
events
particles
0
100
200
300
400
500
600
0
2
4
6
8
10
12
14
16


N[j=6]
h1
Entries 2404653
Mean 2.377
Std Dev 2.367
×10^3
events
particles
0
100
200
300
400
500
600
0
2
4
6
8
10
12
14
16


N[j=7]
h1
Entries 2404653
Mean 2.378
Std Dev 2.374
×10^3
events
particles
0
100
200
300
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600
0
2
4
6
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10
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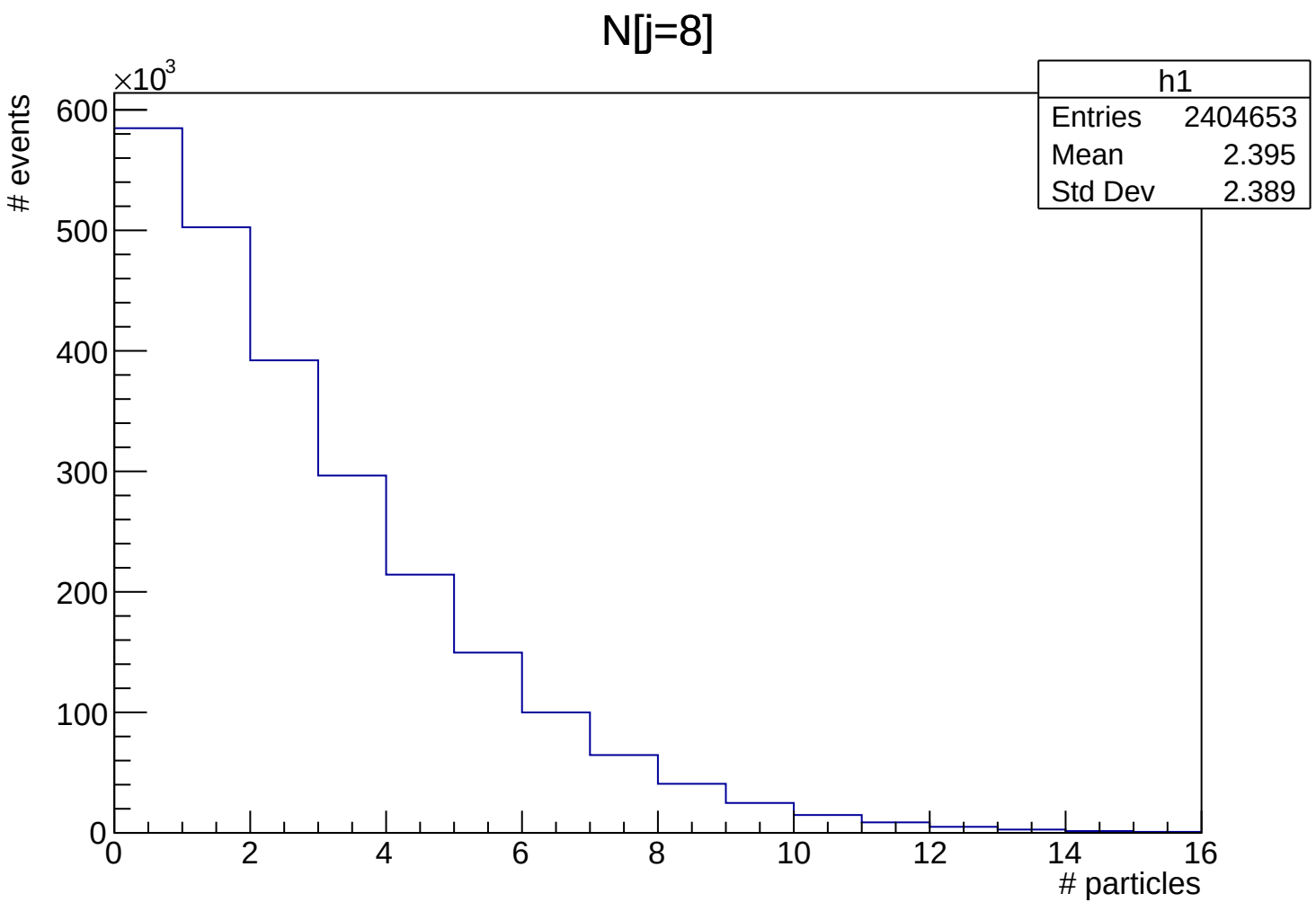
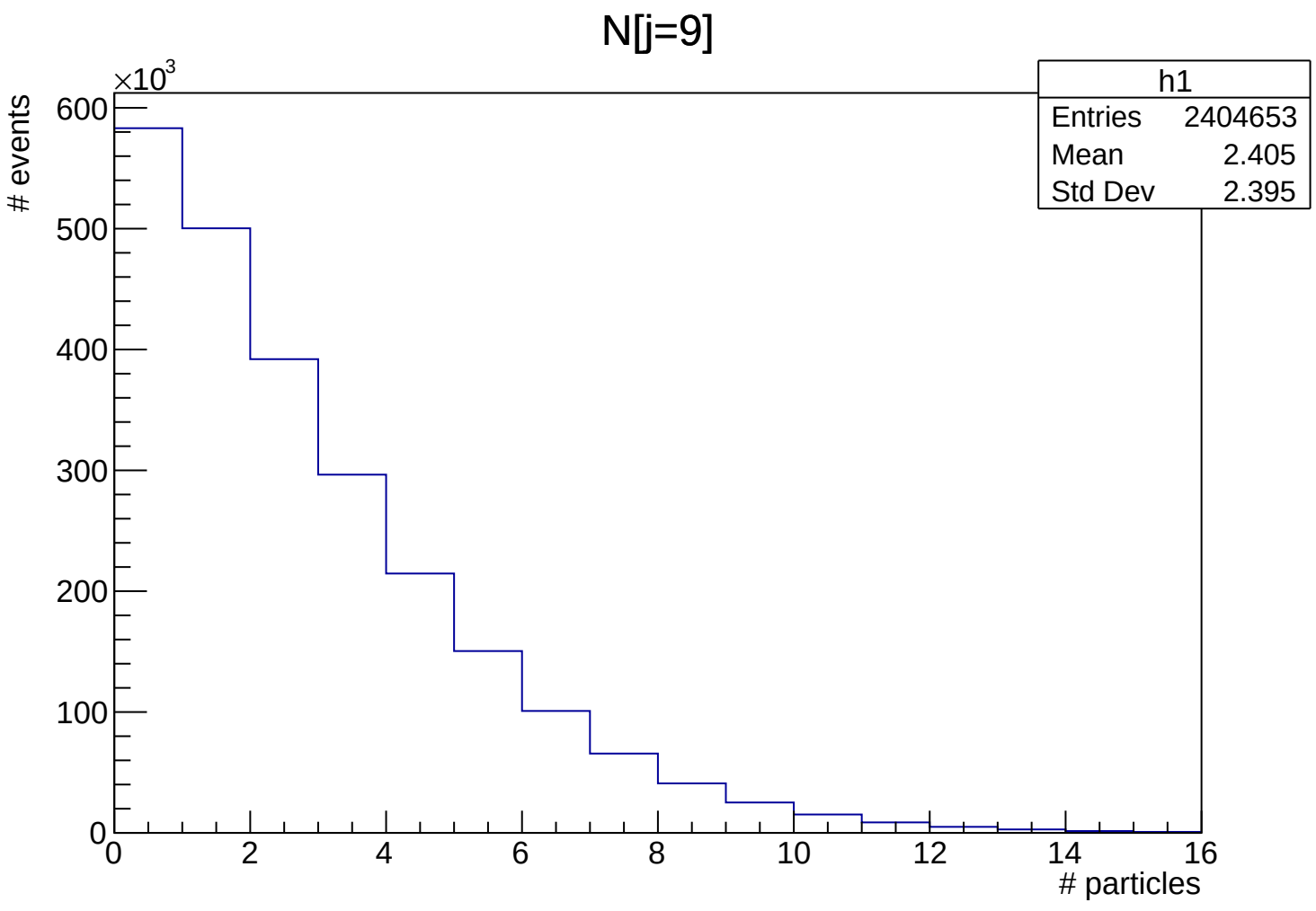
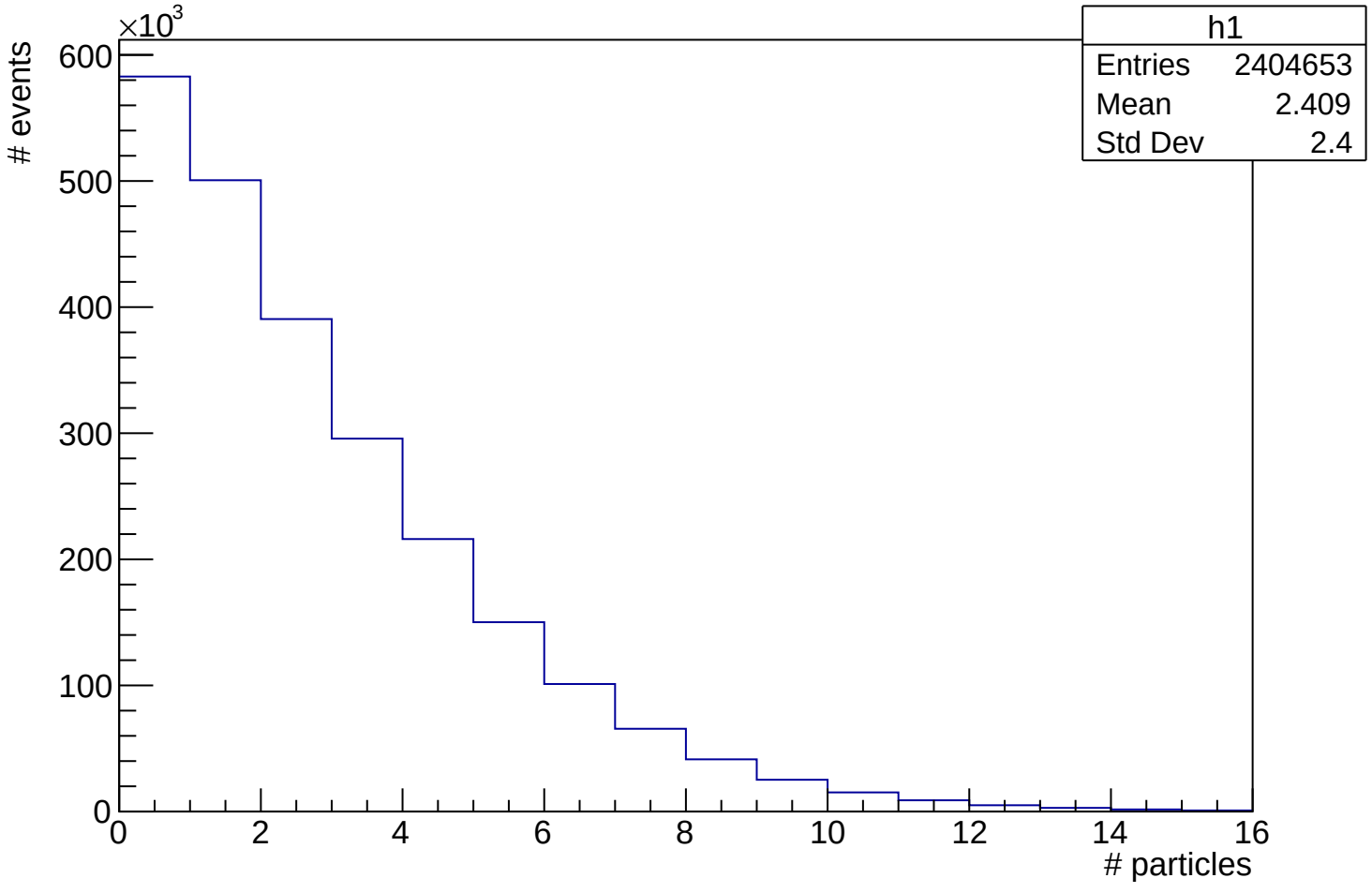
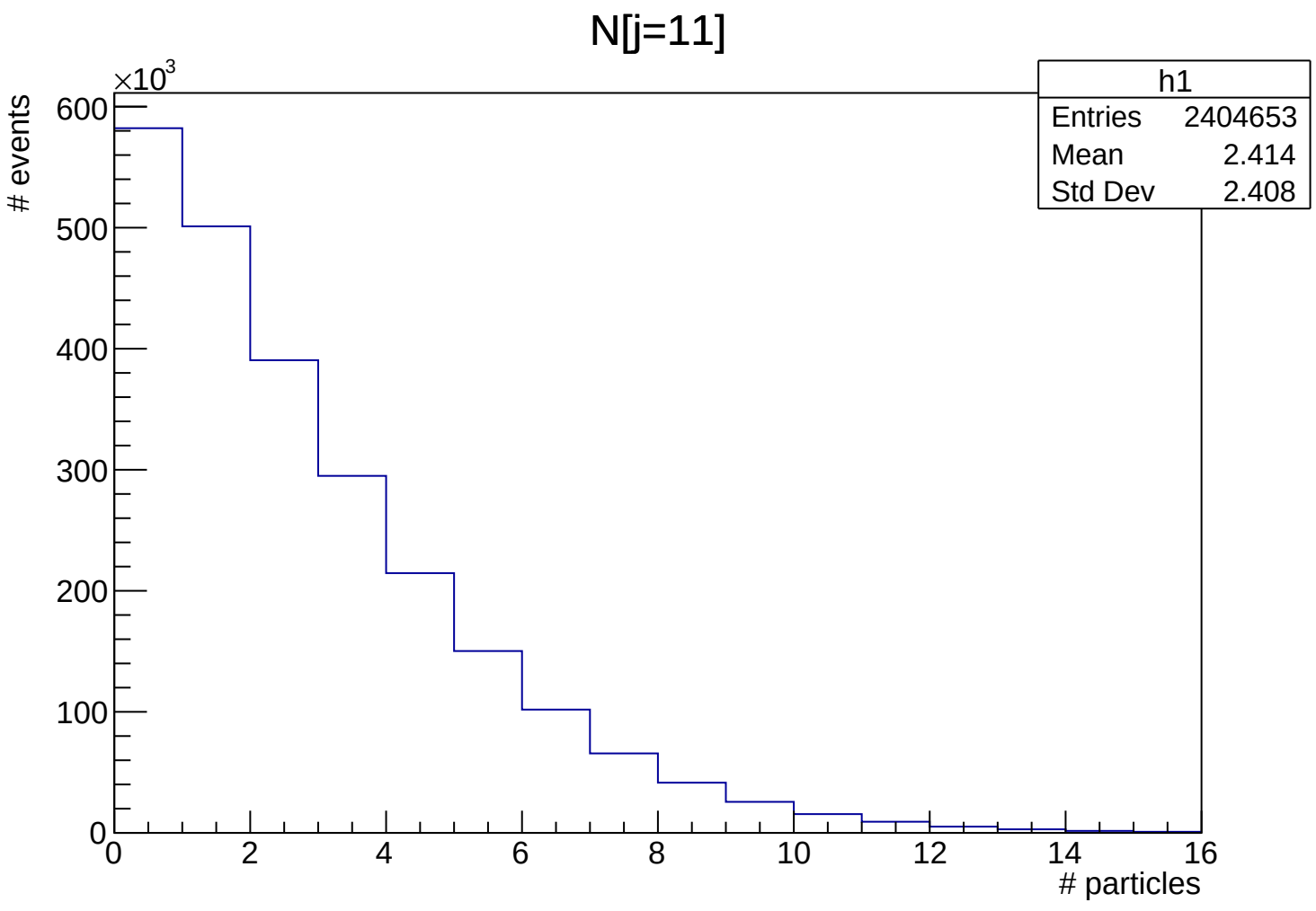
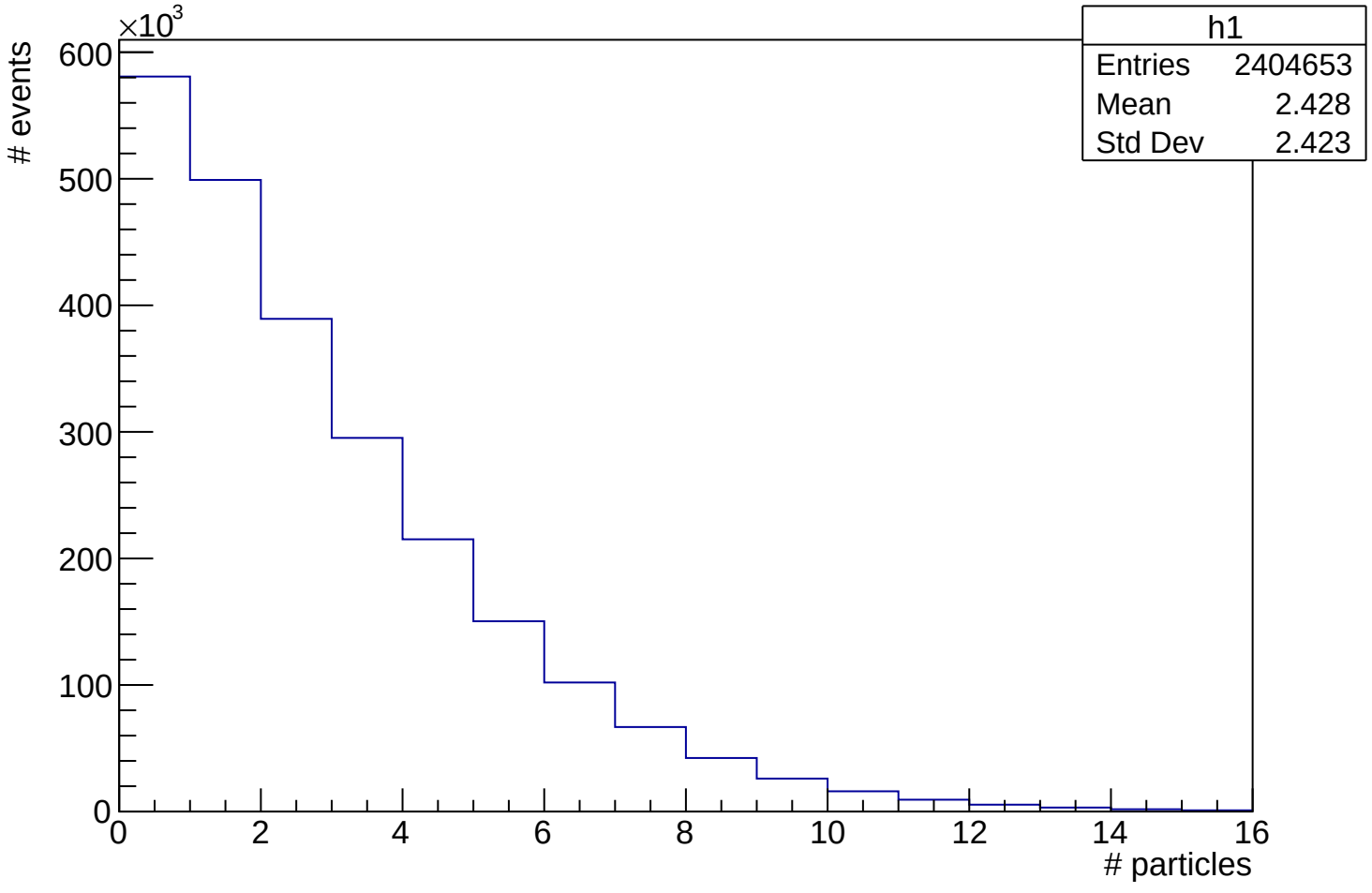
14
16

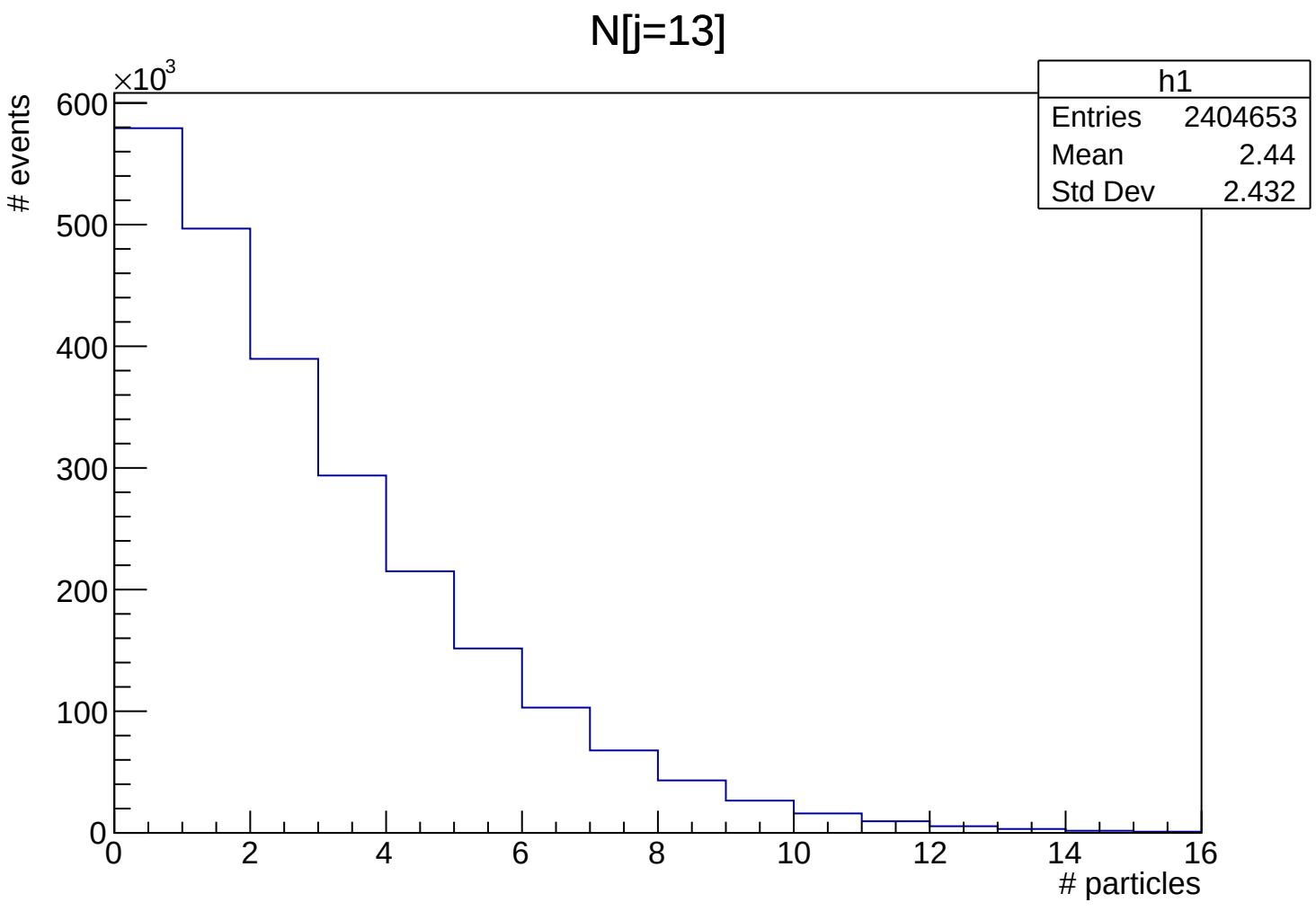

N[j=8]
h1
Entries 2404653
Mean 2.395
Std Dev 2.389
×10^3
events
particles
0
100
200
300
400
500
600
0
2
4
6
8
10
12
14
16

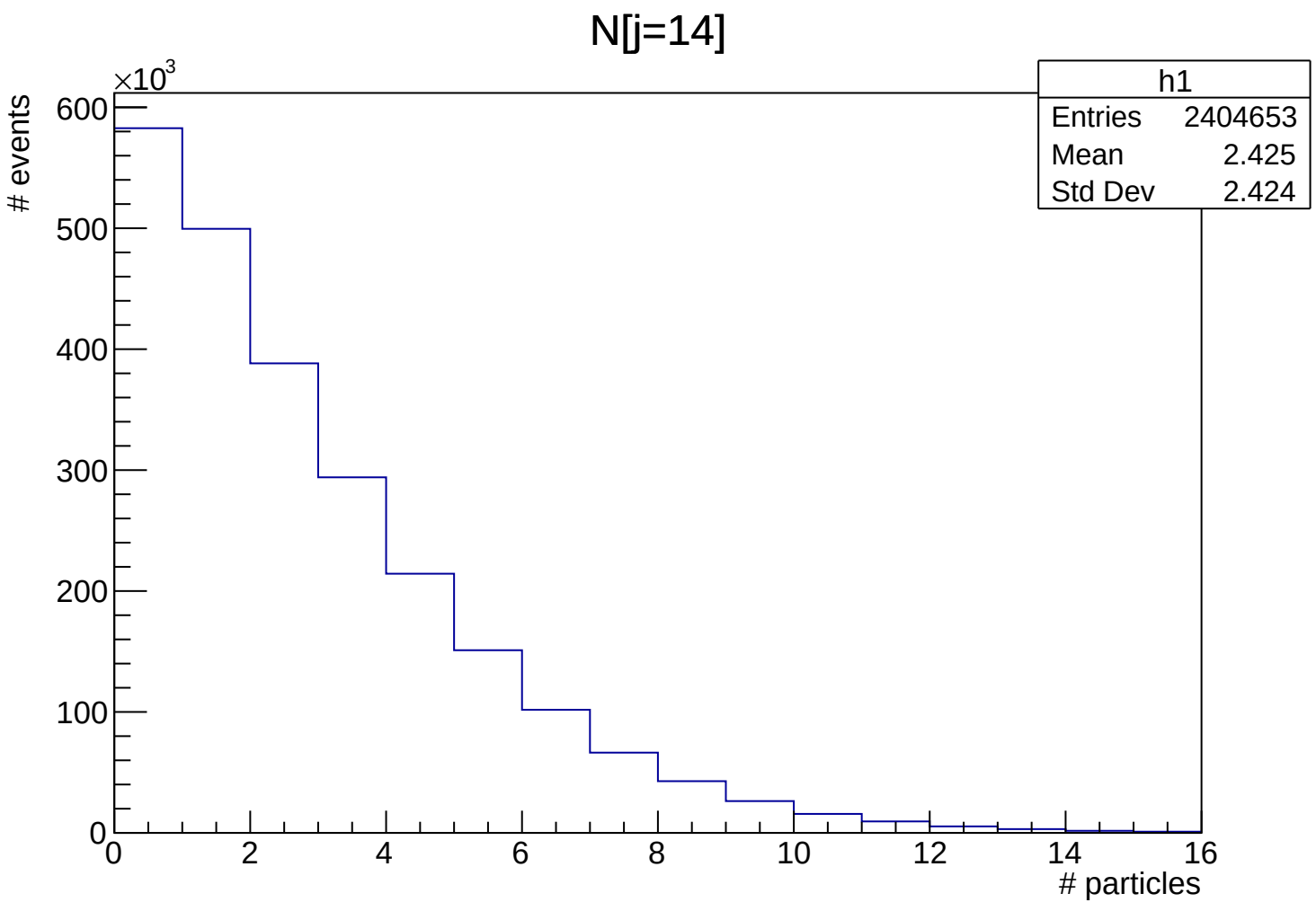

N[j=9]
h1
Entries 2404653
Mean 2.405
Std Dev 2.395
×10^3
events
particles
0
100
200
300
400
500
600
0
2
4
6
8
10
12
14
16

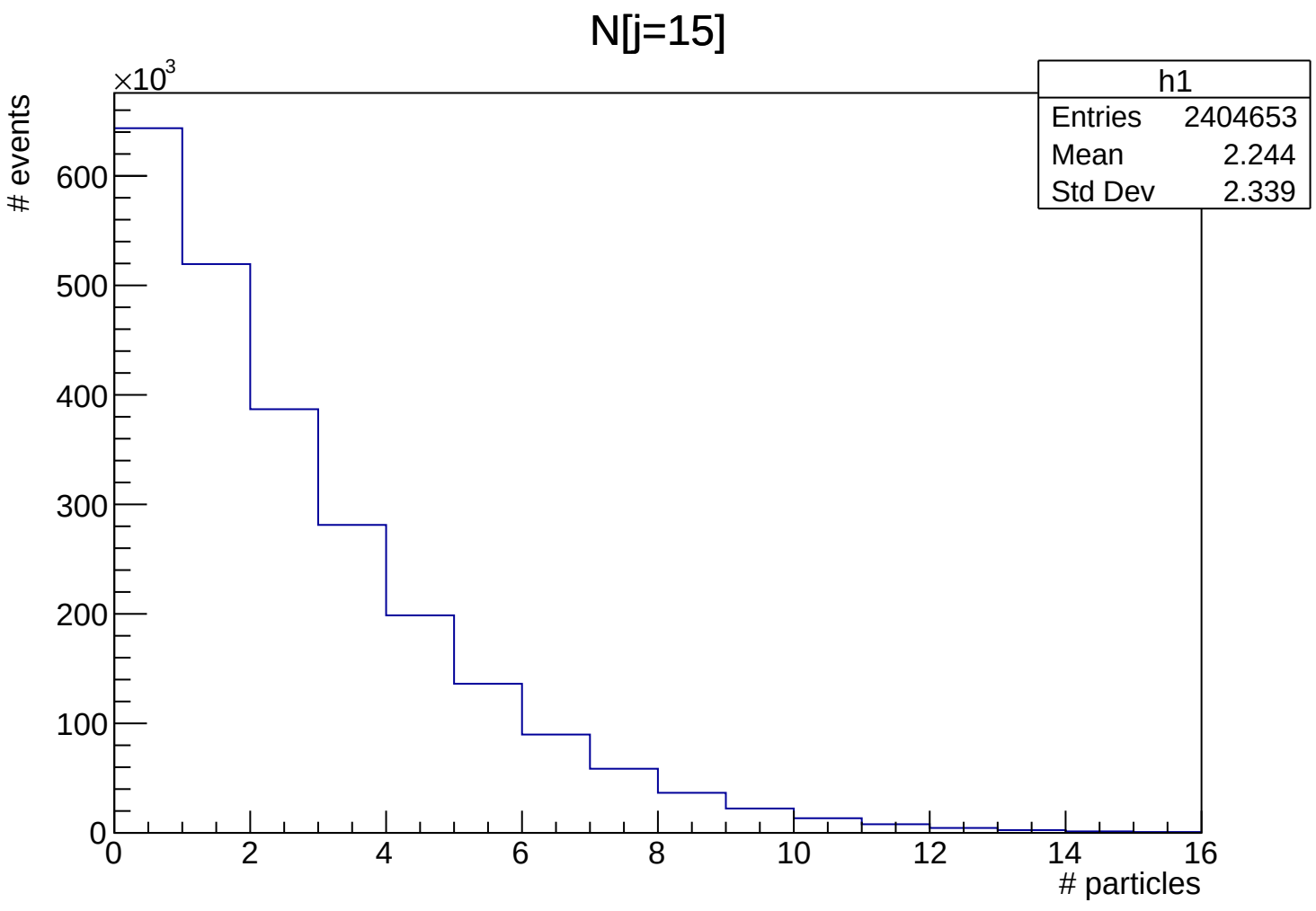

N[j=10]
h1
Entries 2404653
Mean 2.409
Std Dev 2.4
×10^3
events
particles
0
100
200
300
400
500
600
0
2
4
6
8
10
12
14
16

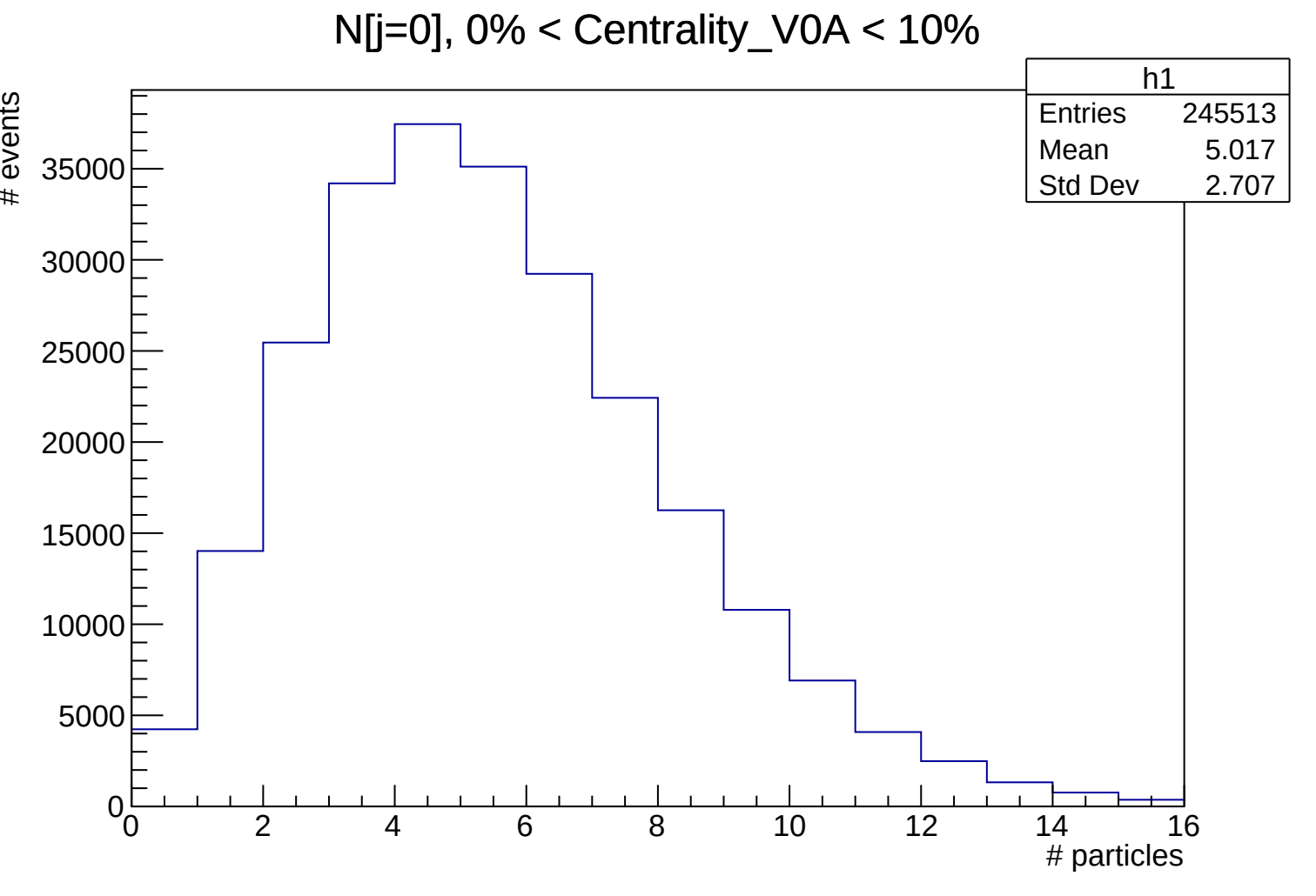

N[j=11]
h1
Entries 2404653
Mean 2.414
Std Dev 2.408
×10^3
events
particles
0
100
200
300
400
500
600
0
2
4
6
8
10
12
14
16


N[j=12]
h1
Entries 2404653
Mean 2.428
Std Dev 2.423
×10^3
events
particles
0
100
200
300
400
500
600
0
2
4
6
8
10
12
14
16


N[j=13]
h1
Entries 2404653
Mean 2.44
Std Dev 2.432
×10^3
events
particles
0
100
200
300
400
500
600
0
2
4
6
8
10
12
14
16


N[j=14]
h1
Entries 2404653
Mean 2.425
Std Dev 2.424
×10^3
events
particles
0
100
200
300
400
500
600
0
2
4
6
8
10
12
14
16


N[j=15]
h1
Entries 2404653
Mean 2.244
Std Dev 2.339
×10^3
events
600
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
particles


N[j=0], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.017
Std Dev 2.707
events
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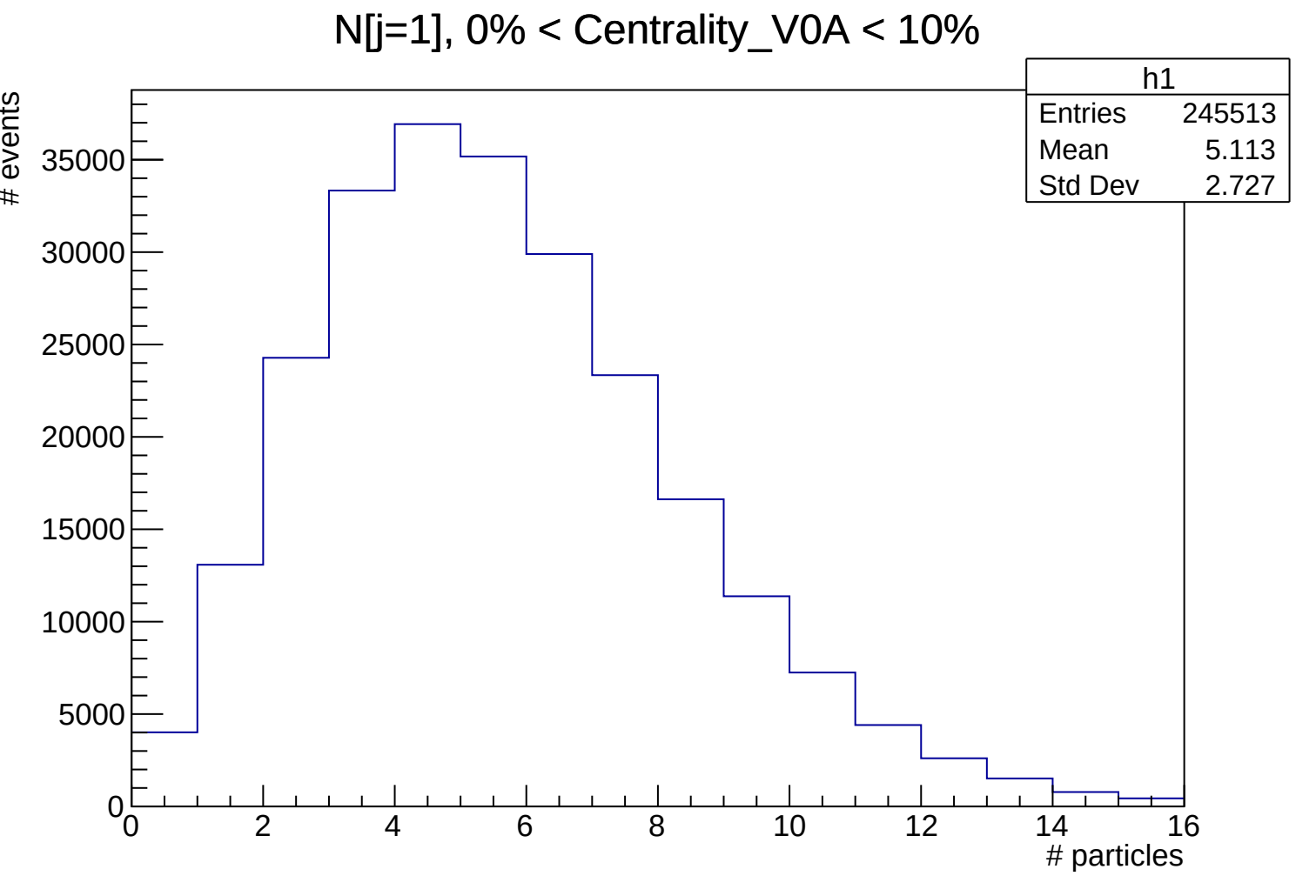
30000
25000
20000
15000
10000
5000
0
0
2
4
6
8
10
12
14
16
particles


N[j=1], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.113
Std Dev 2.727
events
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30000
25000
20000
15000
10000
5000
0
0
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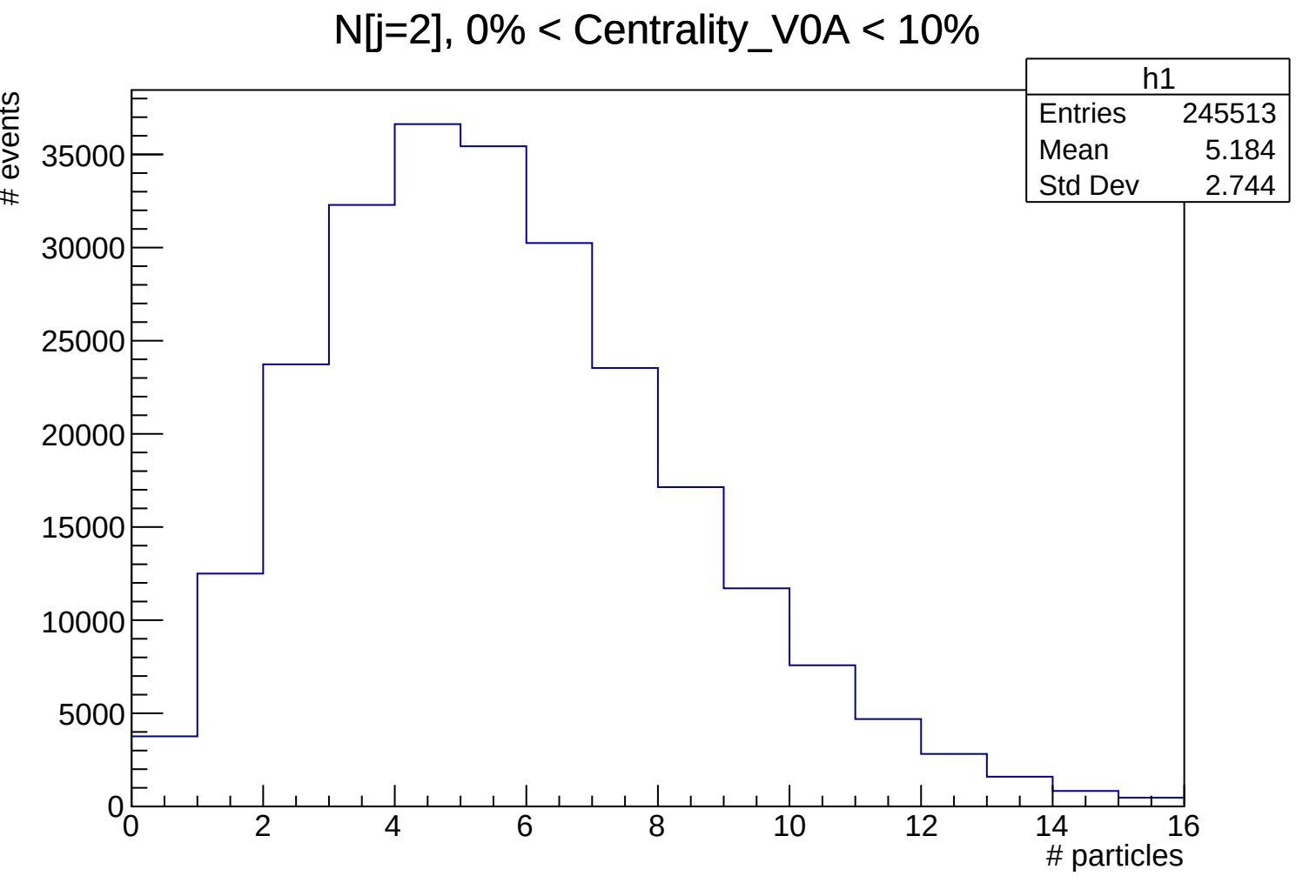
4
6
8
10
12
14
16
particles


N[j=2], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.184
Std Dev 2.744
events
particles
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10000
15000
20000
25000
30000
35000
0
2
4
6
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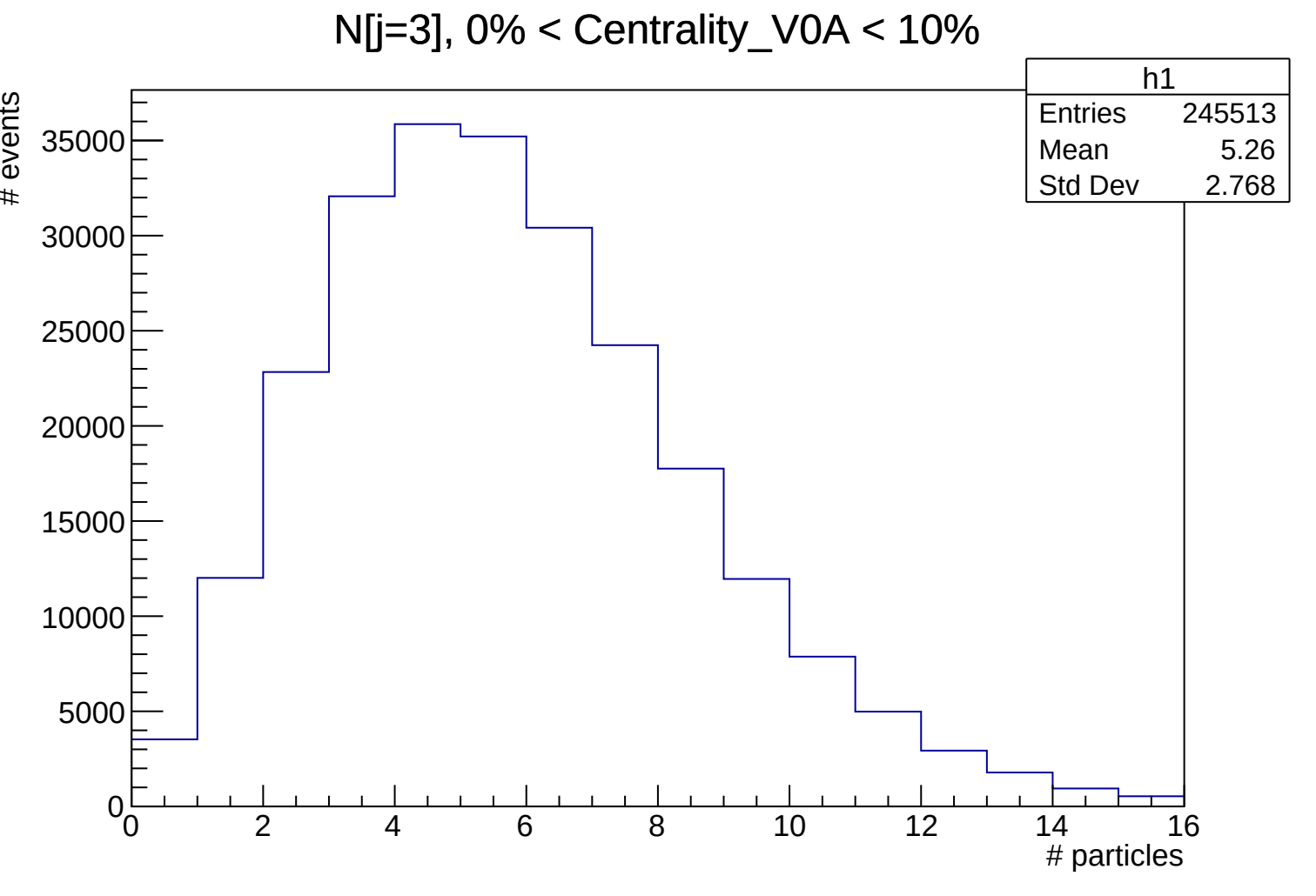
10
12
14
16


N[j=3], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.26
Std Dev 2.768
events
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30000
25000
20000
15000
10000
5000
0
0
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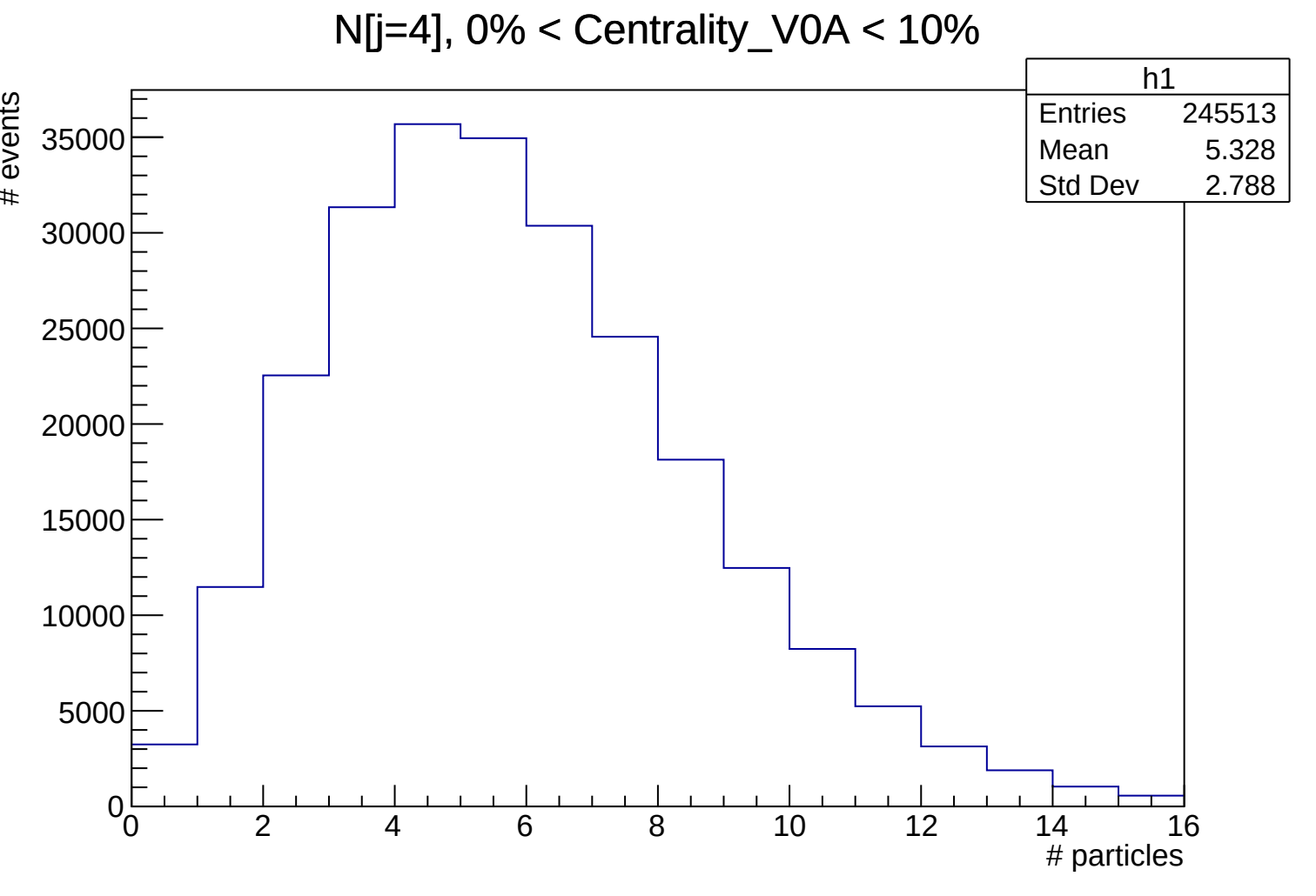
4
6
8
10
12
14
16
particles


N[j=4], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.328
Std Dev 2.788
events
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20000
15000
10000
5000
0
0
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6
8
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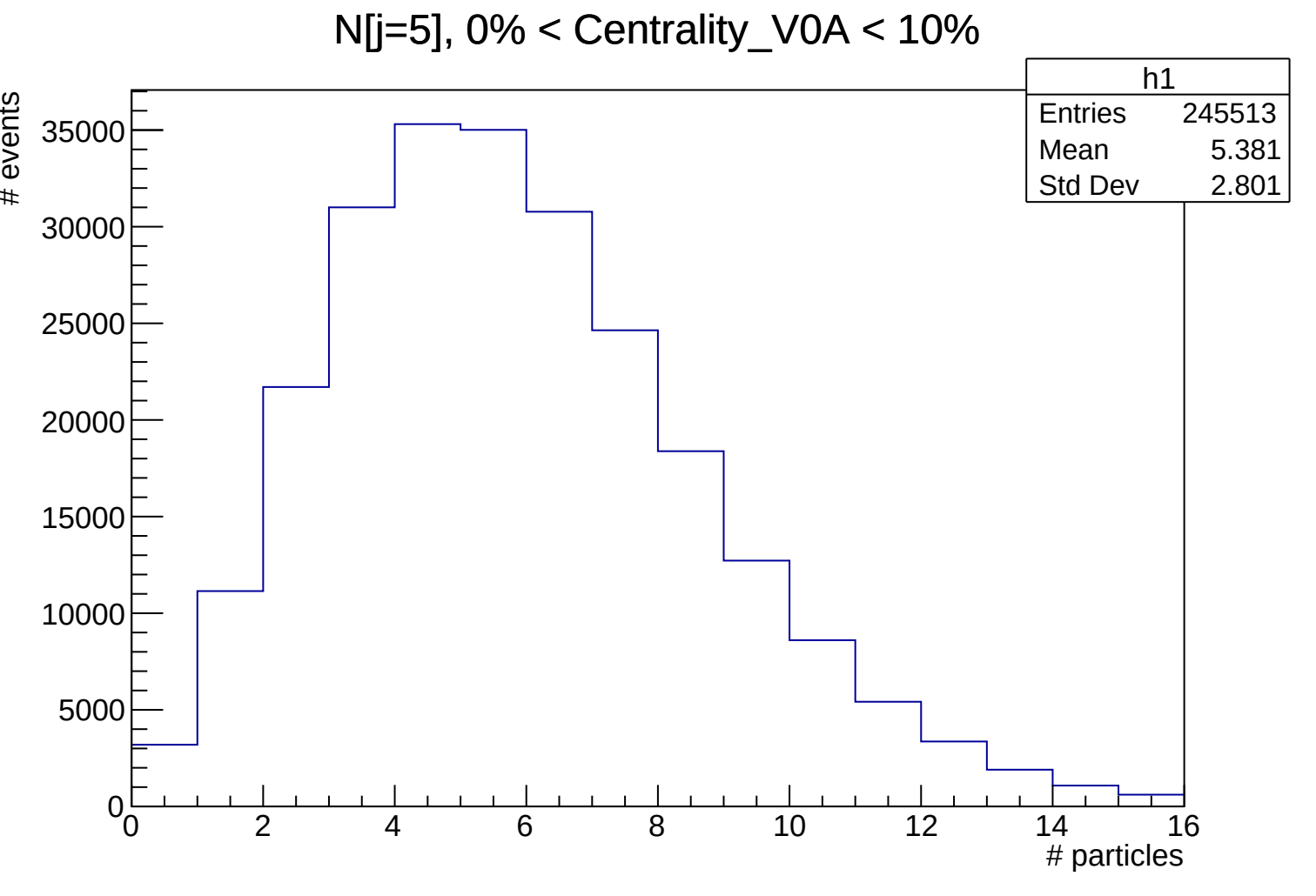
16
particles


N[j=5], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.381
Std Dev 2.801
events
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20000
15000
10000
5000
0
0
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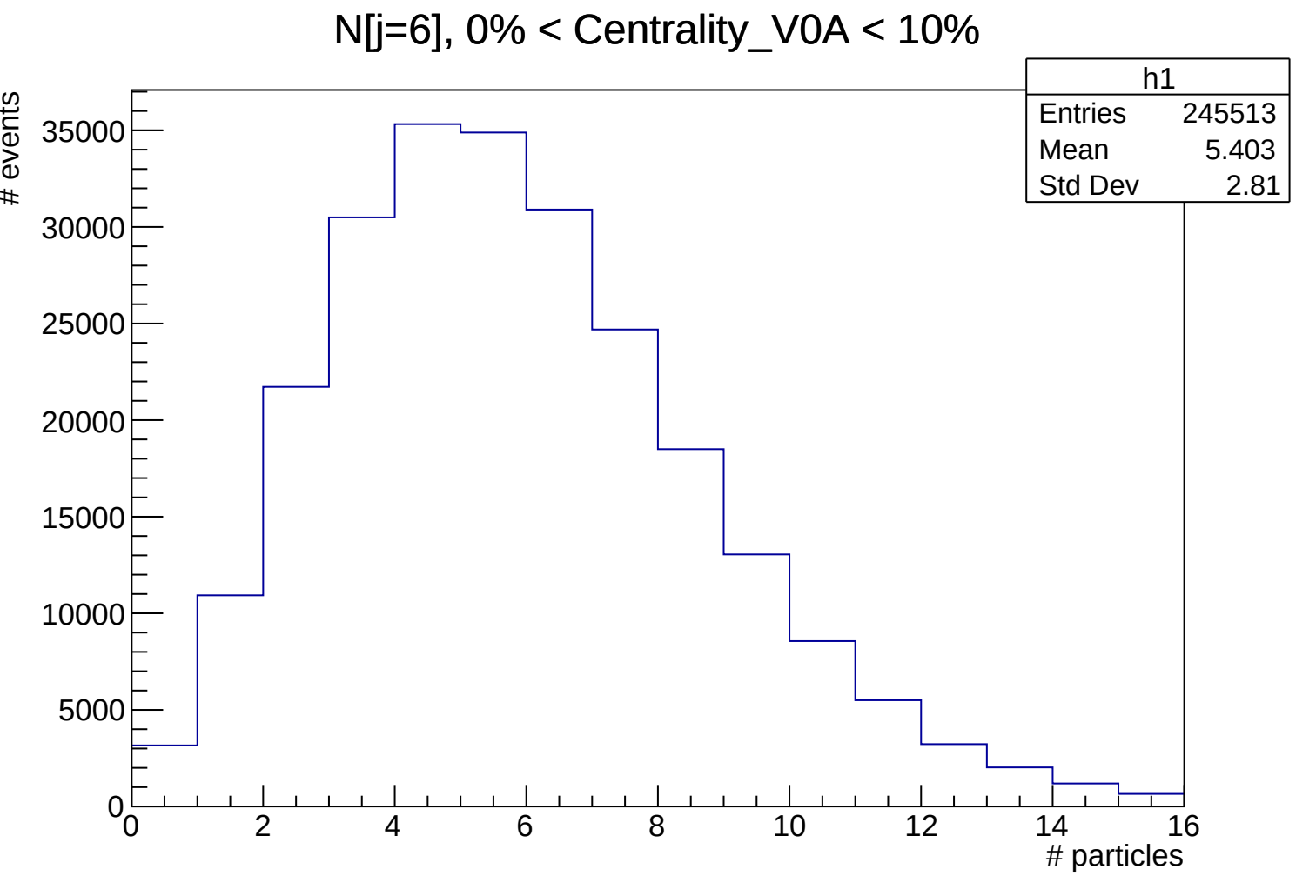
4
6
8
10
12
14
16
particles


N[j=6], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.403
Std Dev 2.81
events
particles
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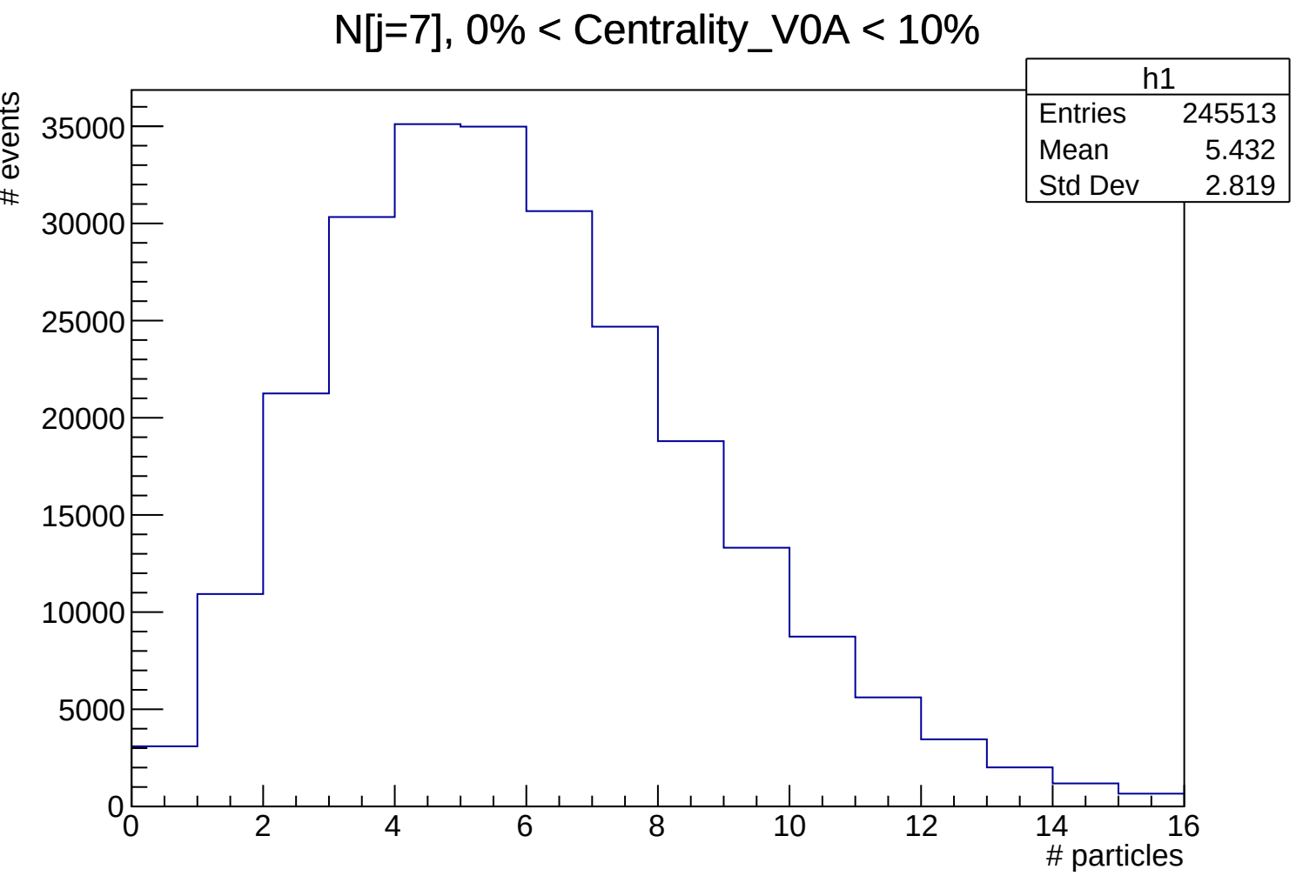
10000
15000
20000
25000
30000
35000
0
2
4
6
8
10
12
14
16


N[j=7], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.432
Std Dev 2.819
events
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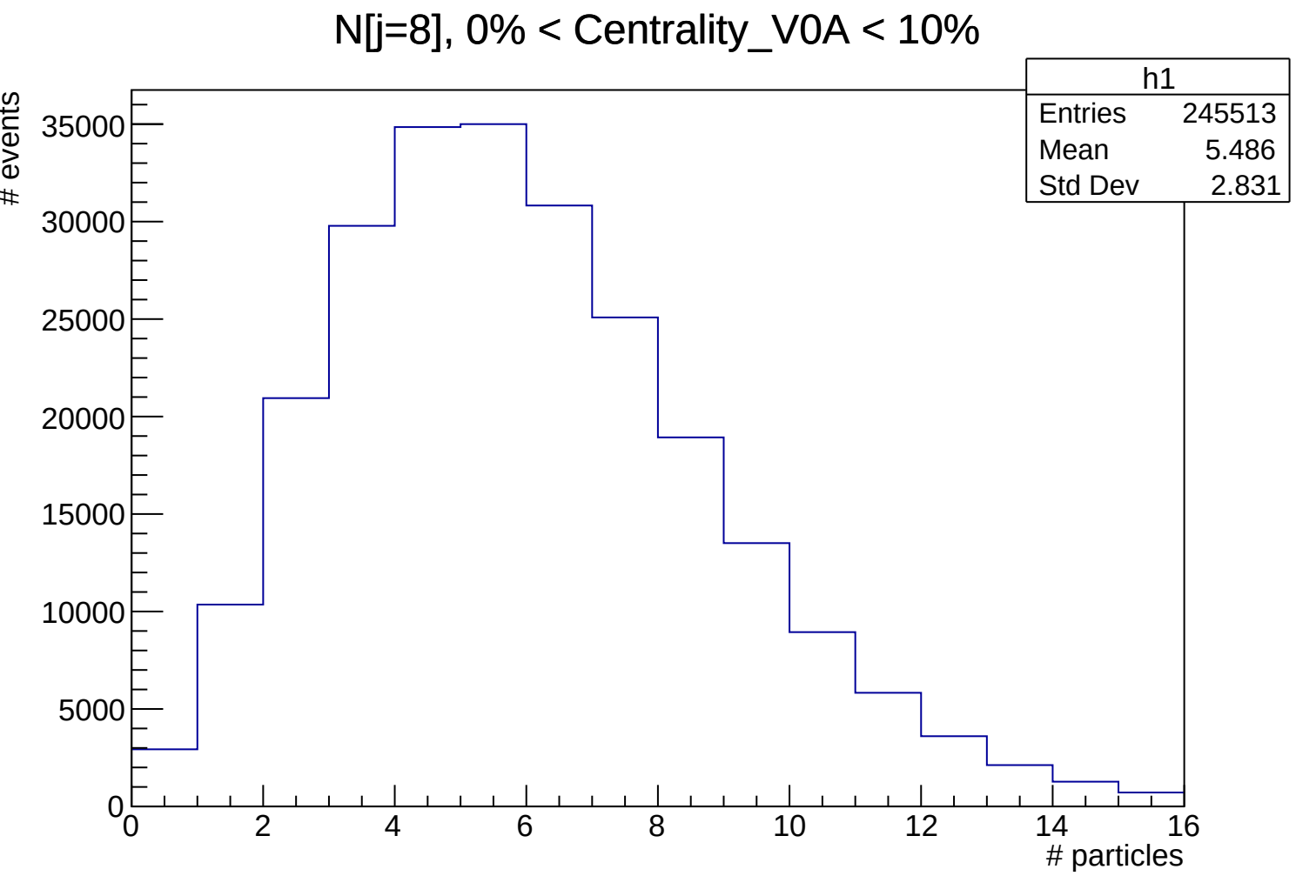
30000
25000
20000
15000
10000
5000
0
0
2
4
6
8
10
12
14
16
particles


N[j=8], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.486
Std Dev 2.831
events
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20000
15000
10000
5000
0
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4
6
8
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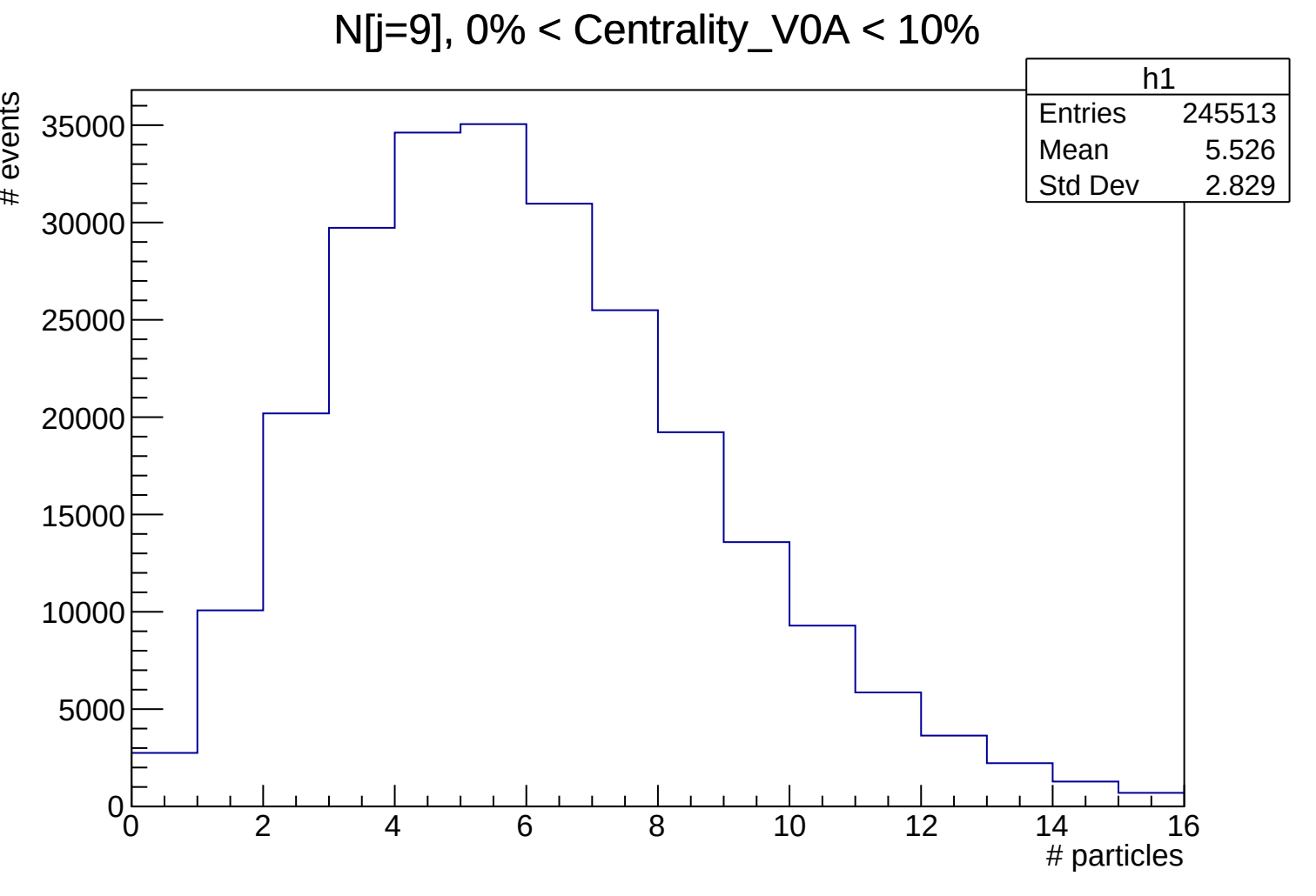
14
16
particles


N[j=9], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.526
Std Dev 2.829
events
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20000
15000
10000
5000
0
0
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4
6
8
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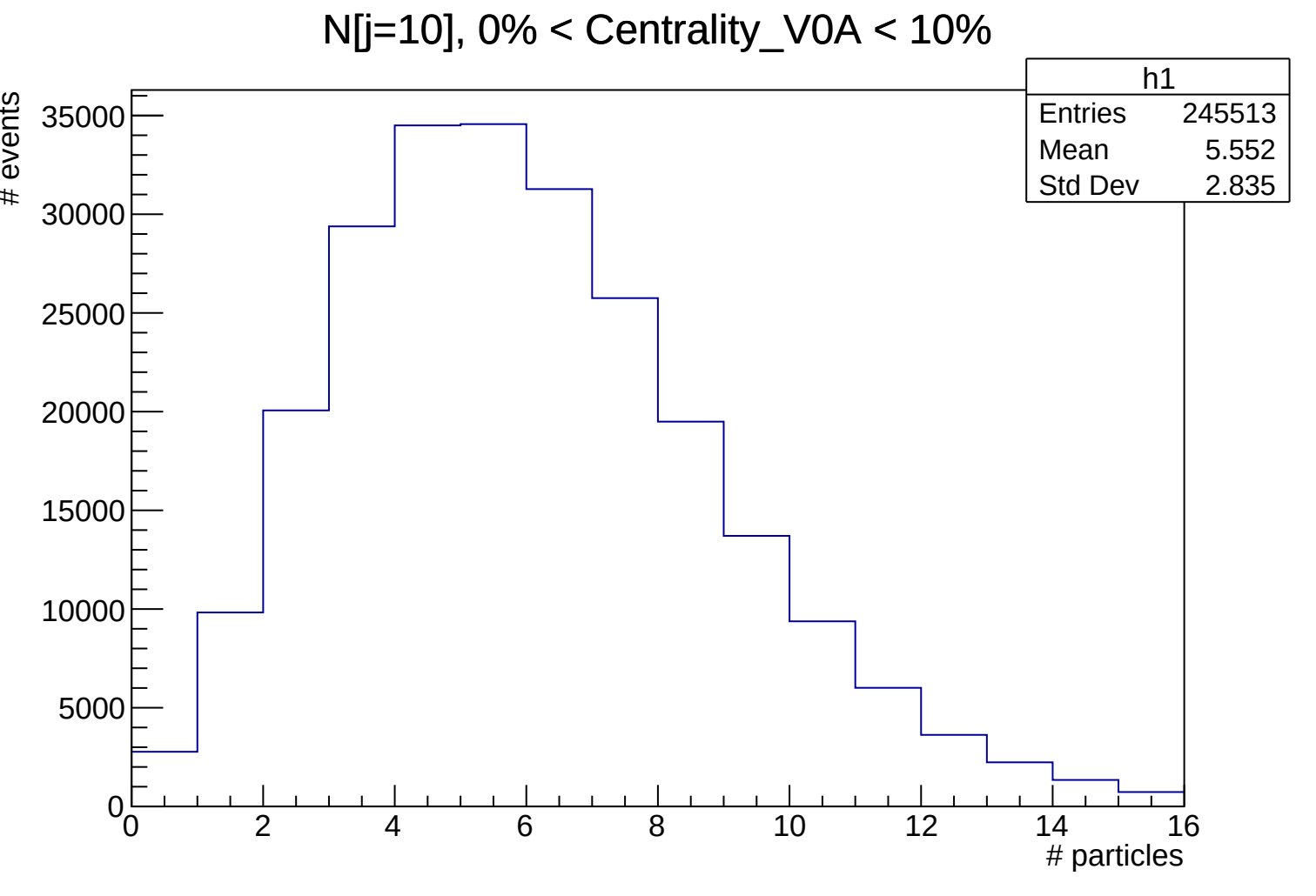
12
14
16
particles


N[j=10], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.552
Std Dev 2.835
events
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20000
15000
10000
5000
0
0
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4
6
8
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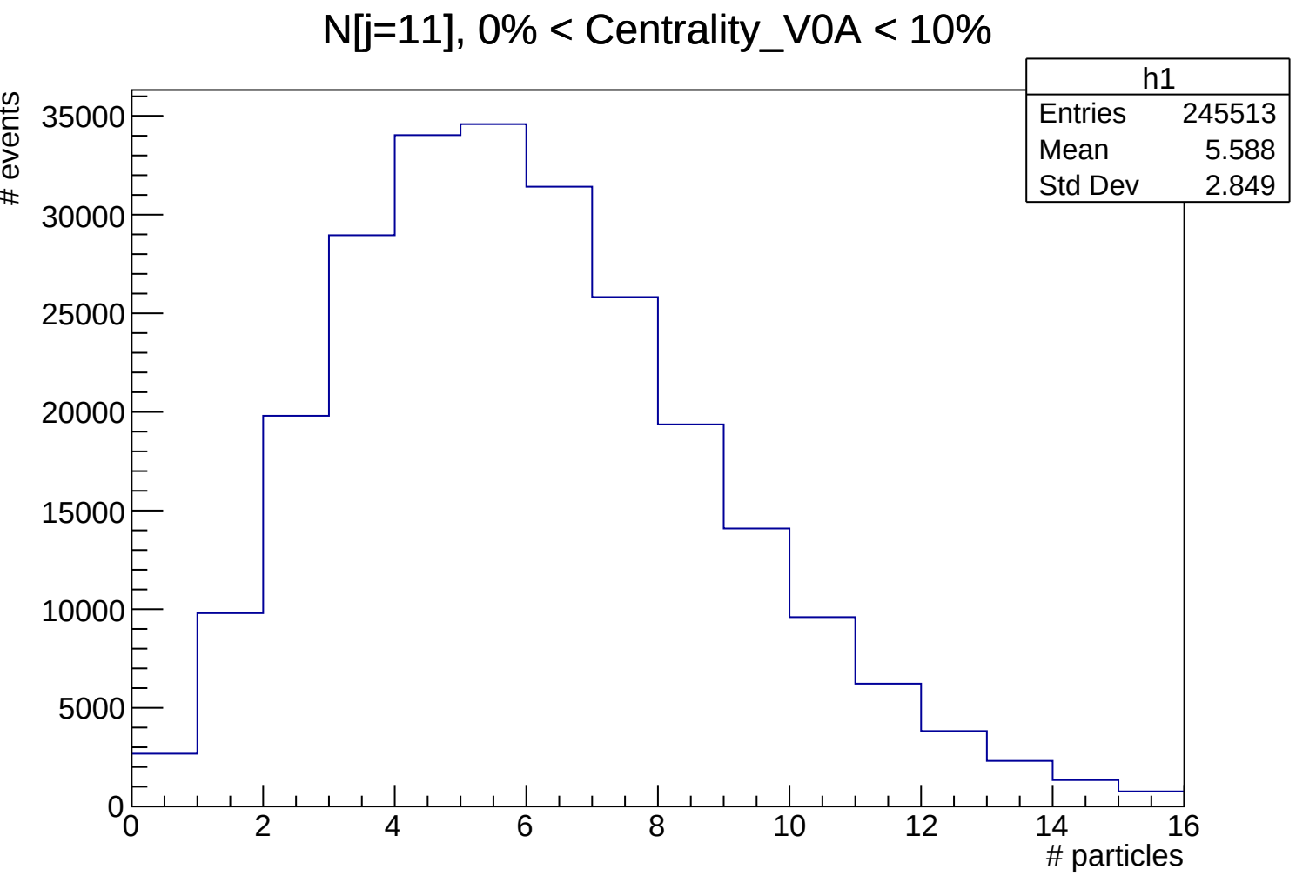
12
14
16
particles


N[j=11], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.588
Std Dev 2.849
events
particles
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5000
10000
15000
20000
25000
30000
35000
0
2
4
6
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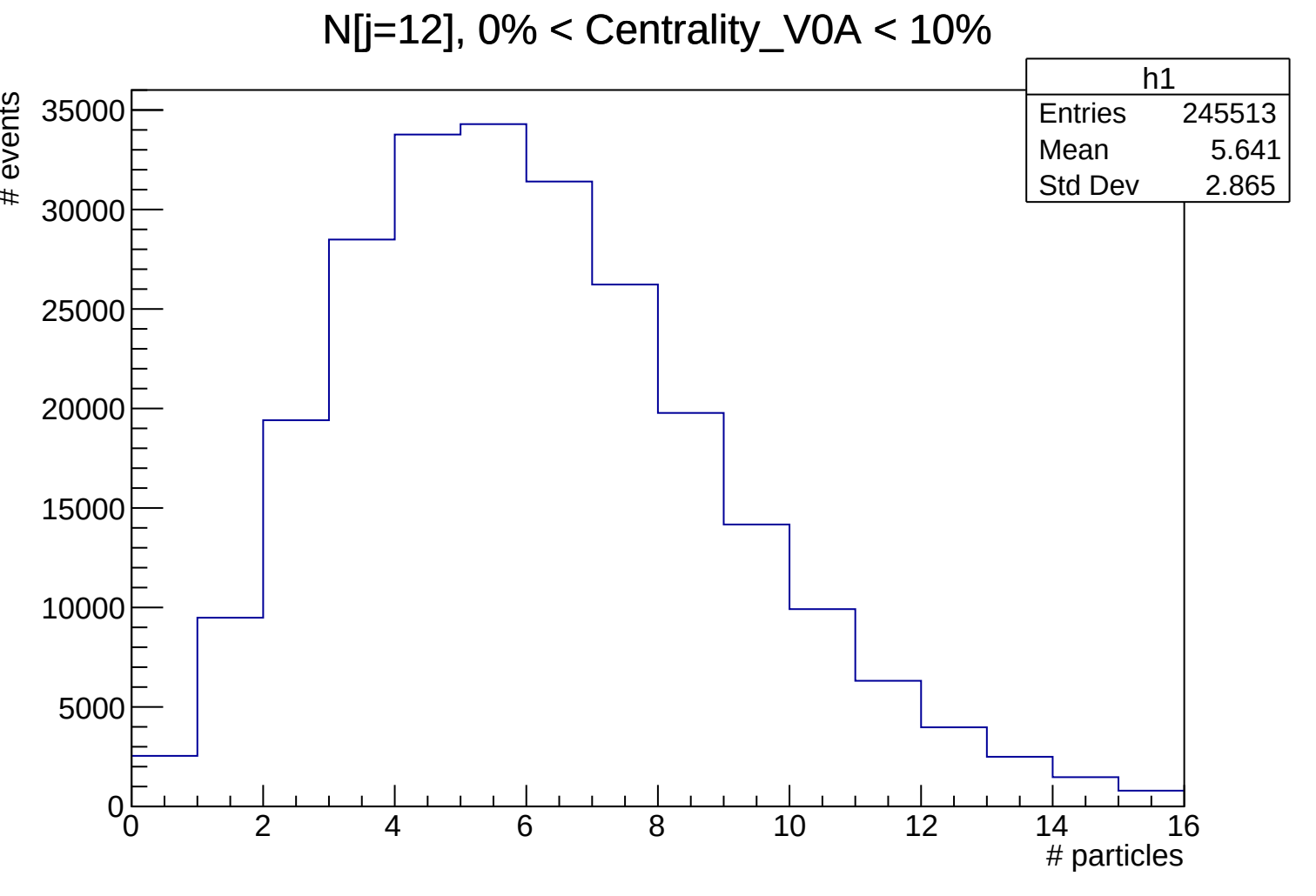
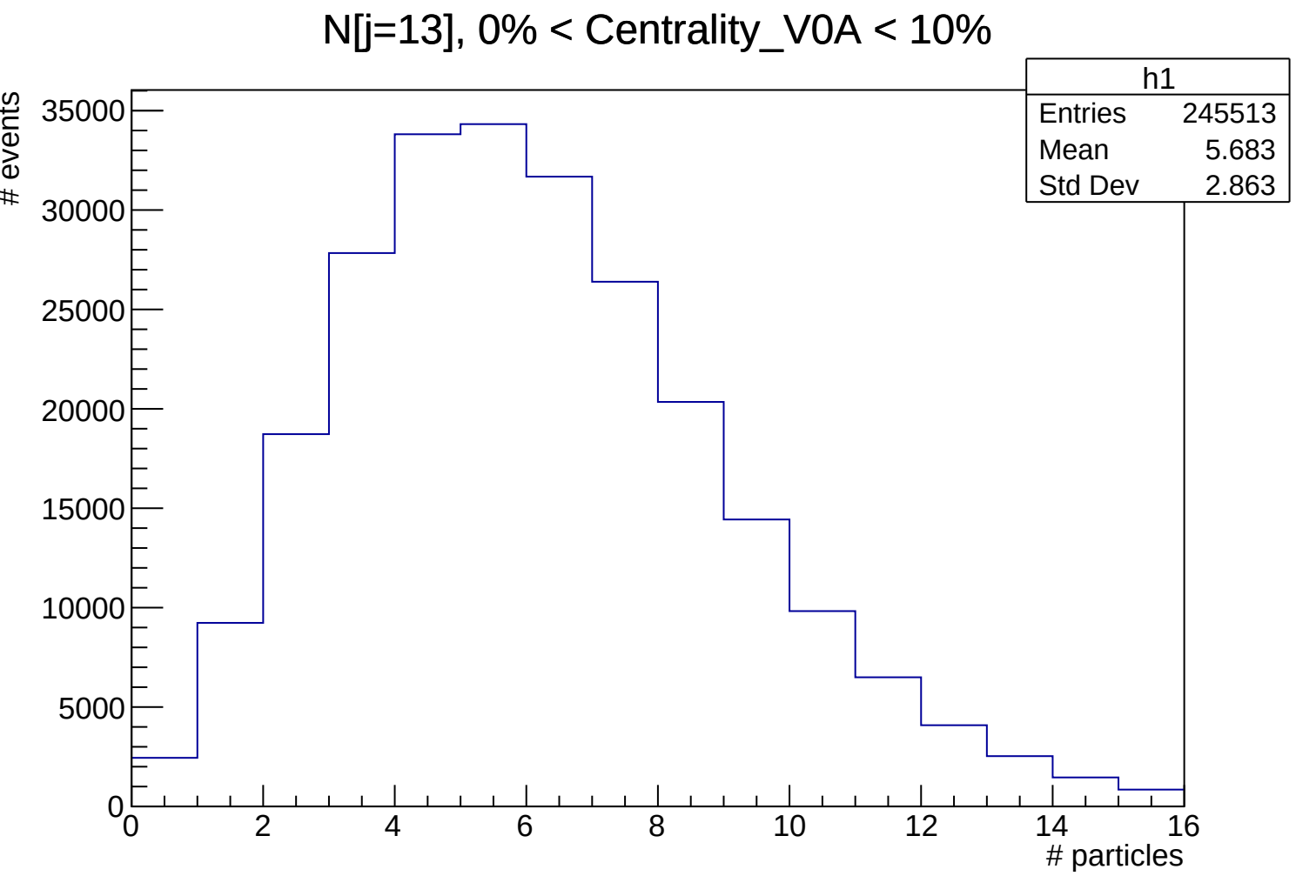
10
12
14
16


N[j=12], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.641
Std Dev 2.865
events
particles
0
5000
10000
15000
20000
25000
30000
35000
0
2
4
6
8
10
12
14
16


N[j=13], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.683
Std Dev 2.863
events
particles
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10000
15000
20000
25000
30000
35000
0
2
4
6
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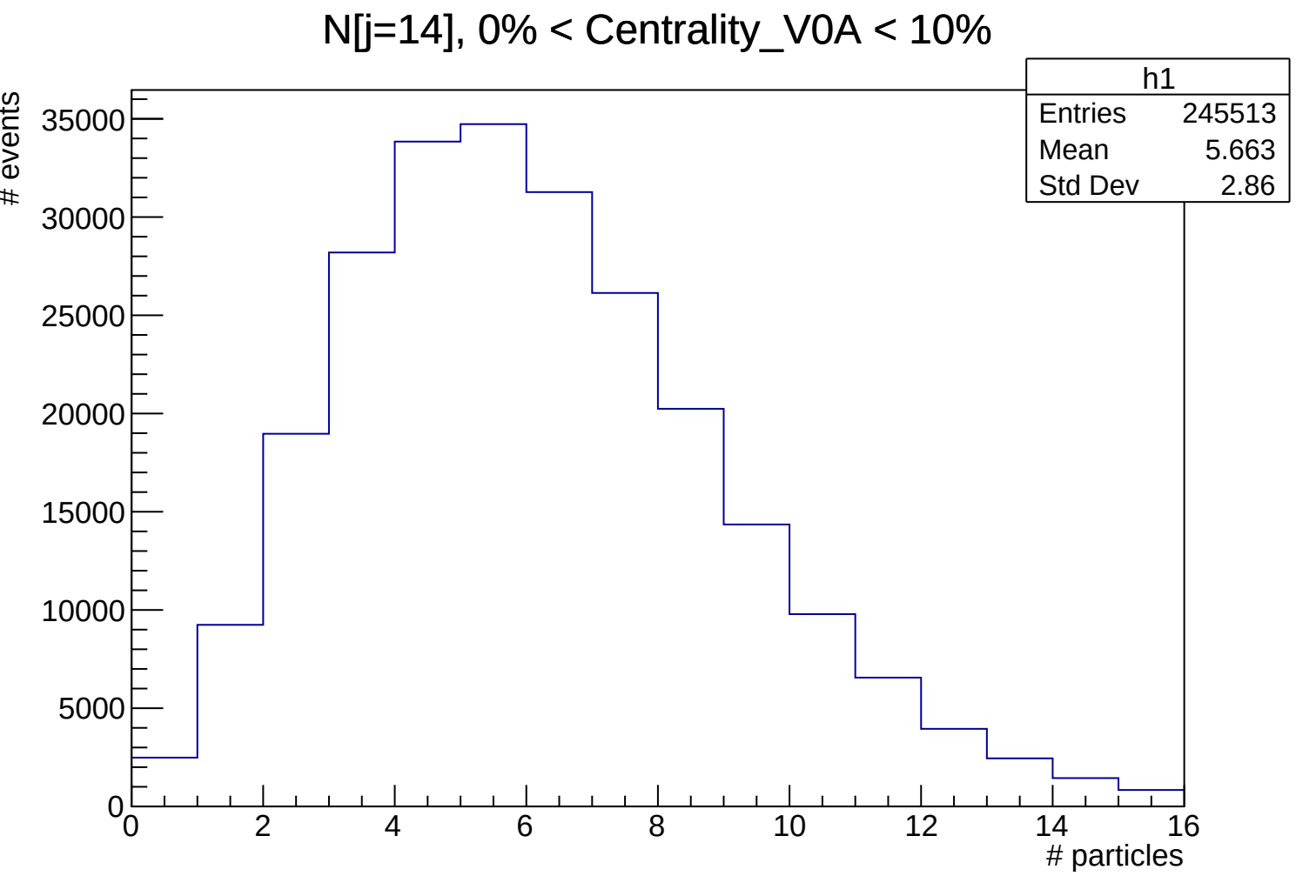
14
16


N[j=14], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.663
Std Dev 2.86
events
particles
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10000
15000
20000
25000
30000
35000
0
2
4
6
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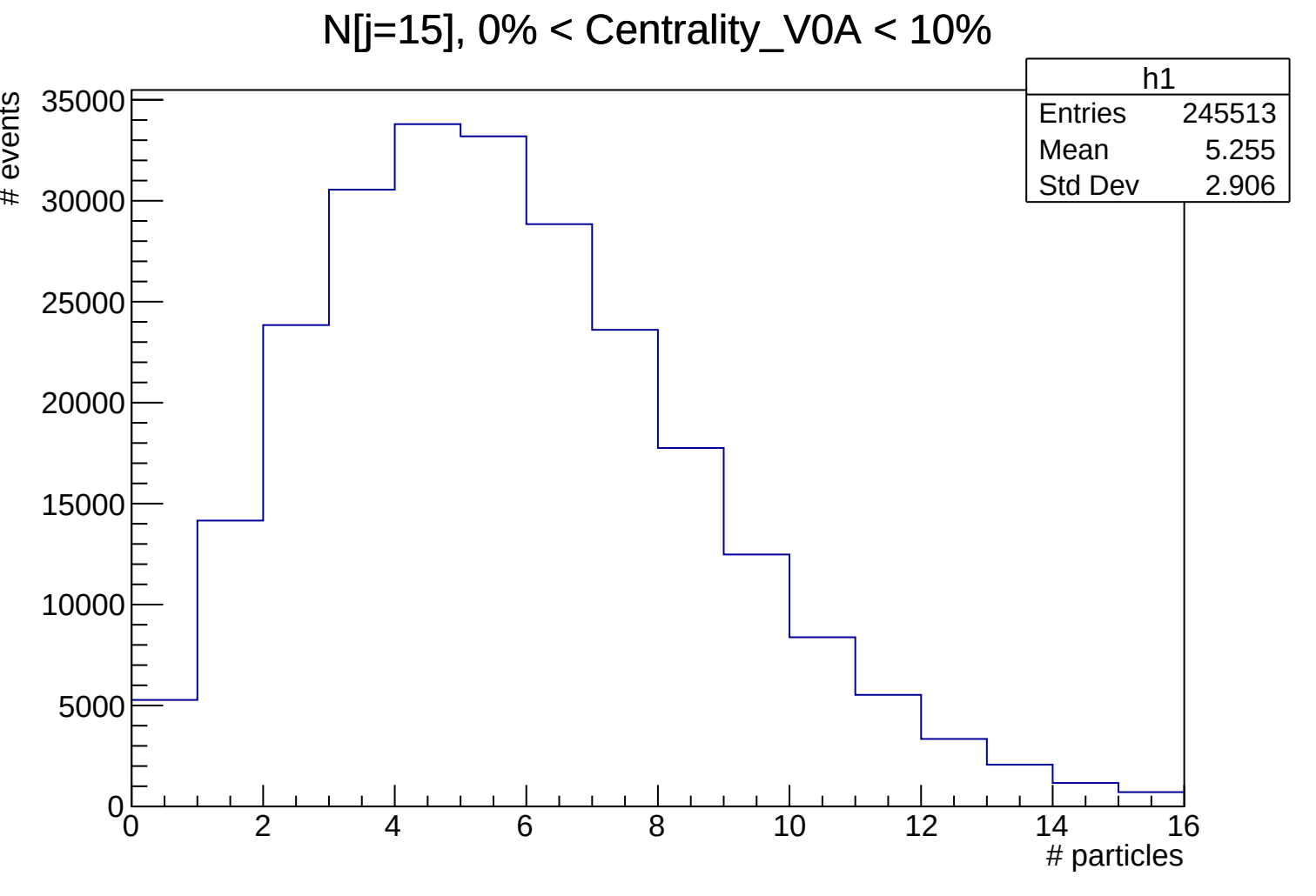
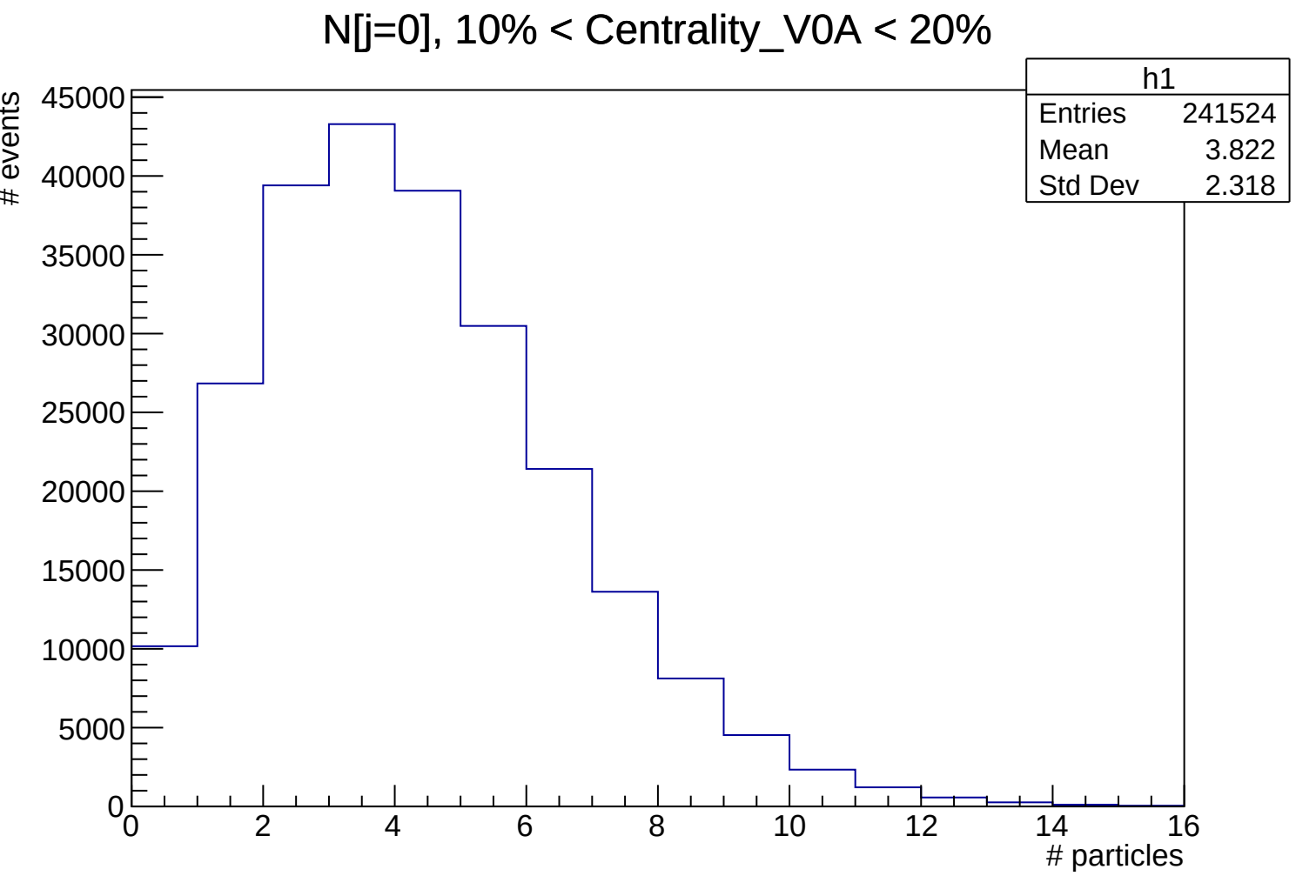
12
14
16


N[j=15], 0% < Centrality_V0A < 10%
h1
Entries 245513
Mean 5.255
Std Dev 2.906
events
35000
30000
25000
20000
15000
10000
5000
0
0
2
4
6
8
10
12
14
16
particles


N[j=0], 10% < Centrality_V0A < 20%
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Entries 241524
Mean 3.822
Std Dev 2.318
events
particles
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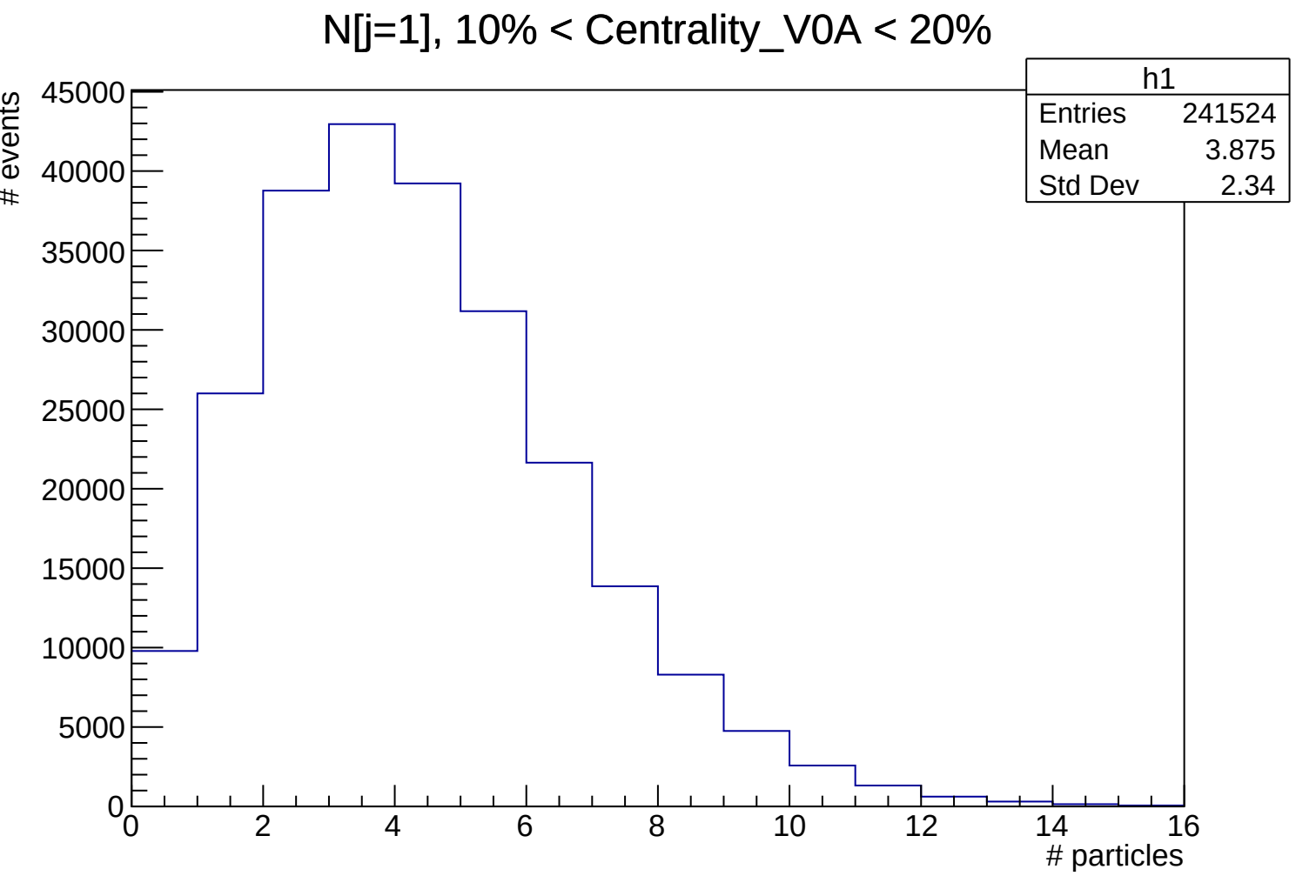
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Entries 241524
Mean 3.875
Std Dev 2.34
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particles
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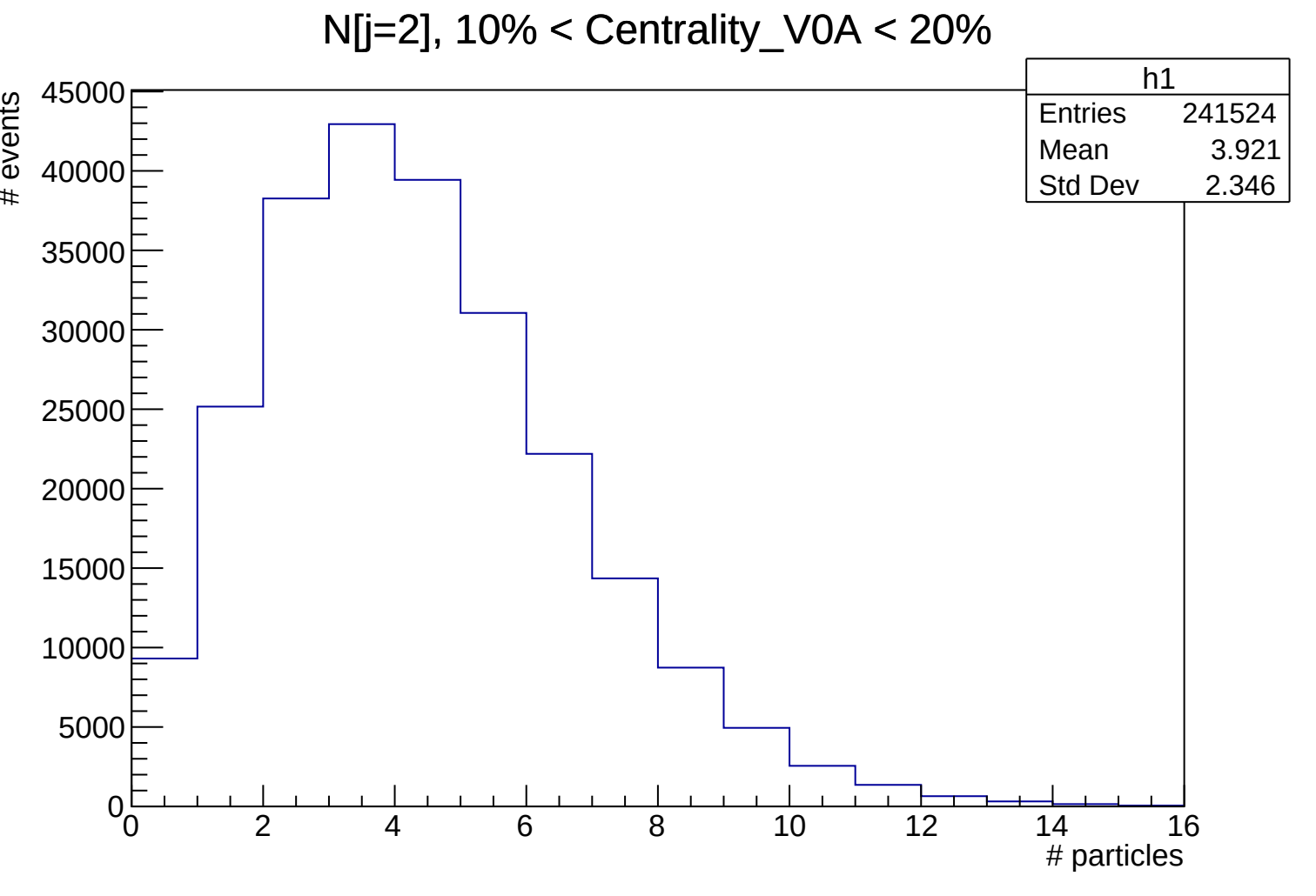
N[j=2], 10% < Centrality_V0A < 20%
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Entries 241524
Mean 3.921
Std Dev 2.346
events
particles
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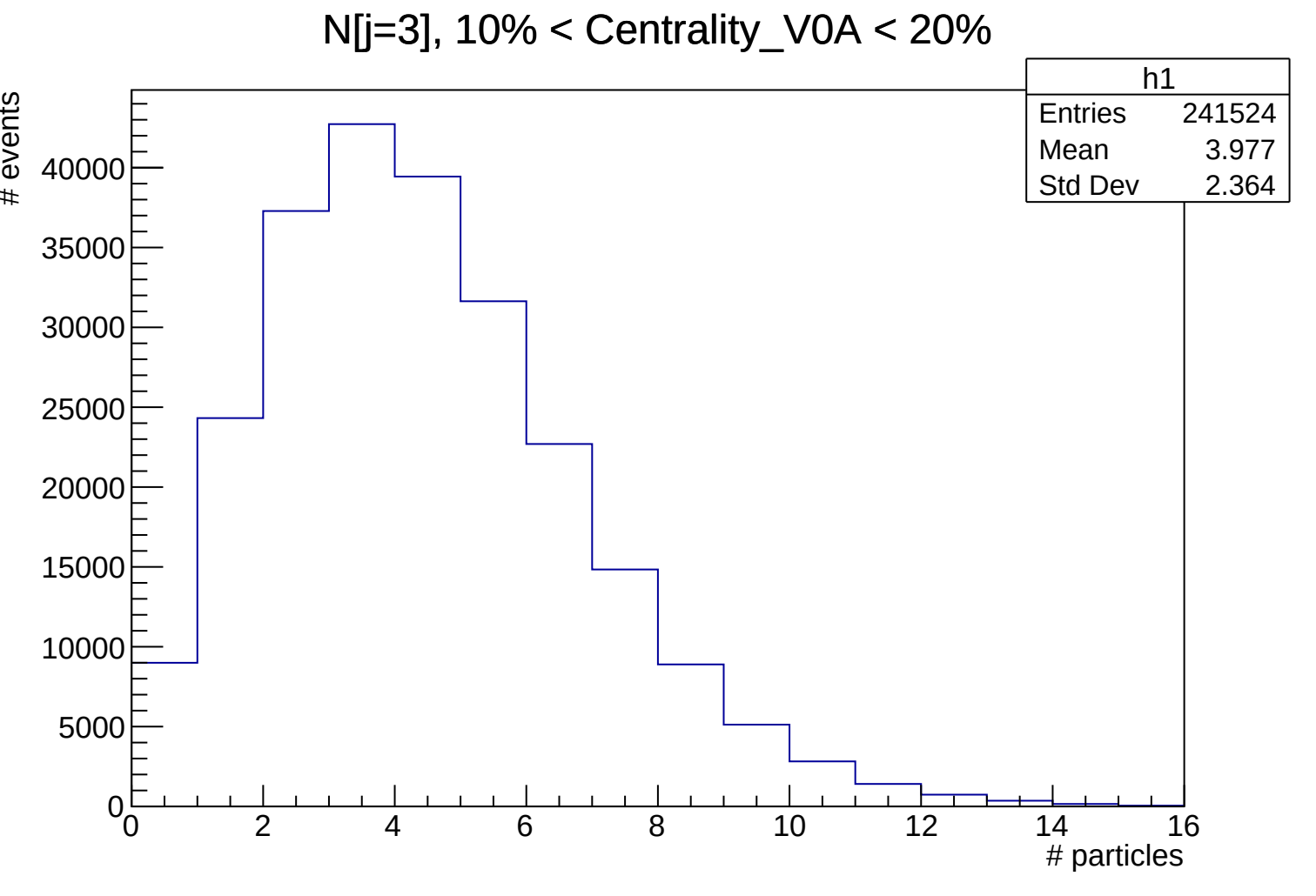
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Entries 241524
Mean 3.977
Std Dev 2.364
events
particles
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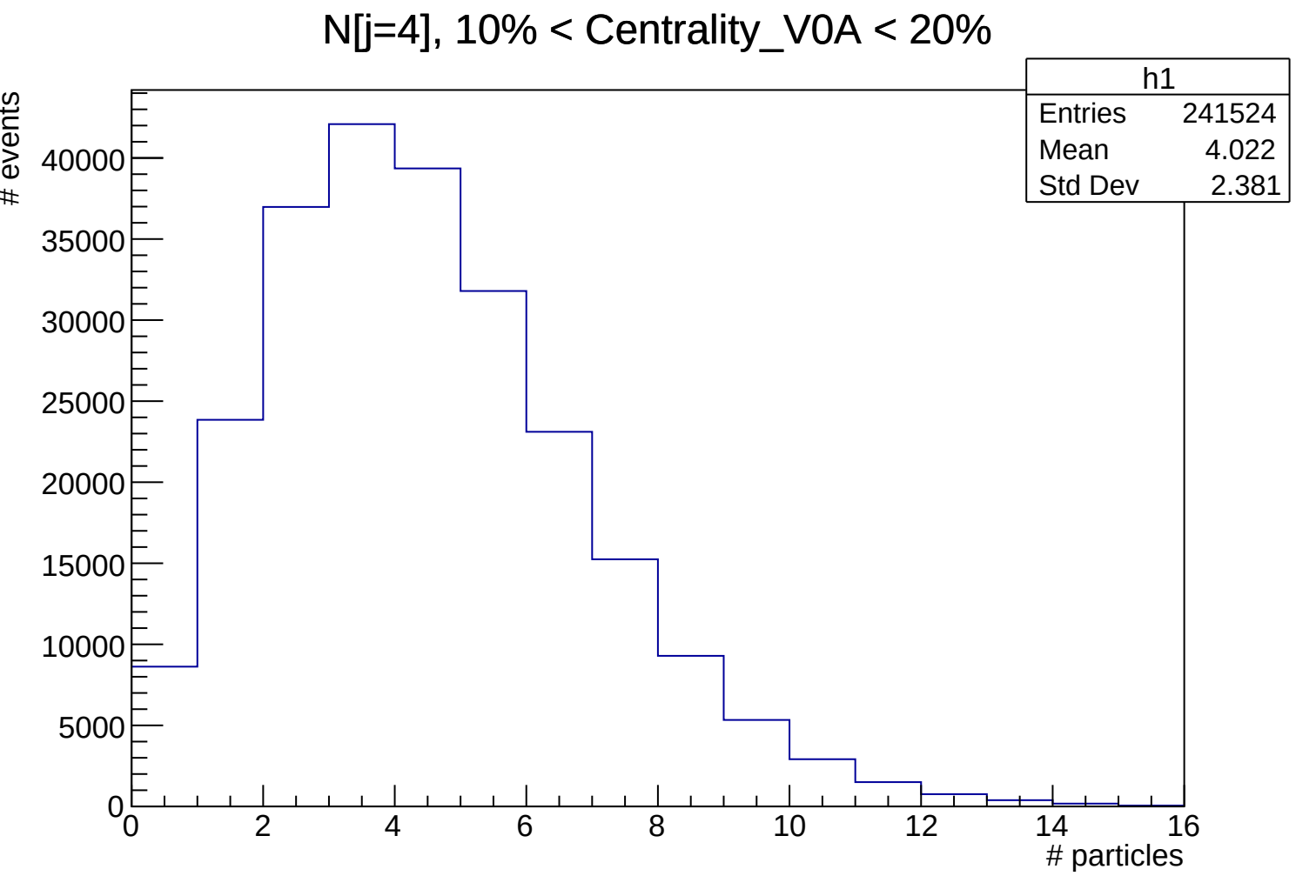
N[j=4], 10% < Centrality_V0A < 20%
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Mean 4.022
Std Dev 2.381
events
particles
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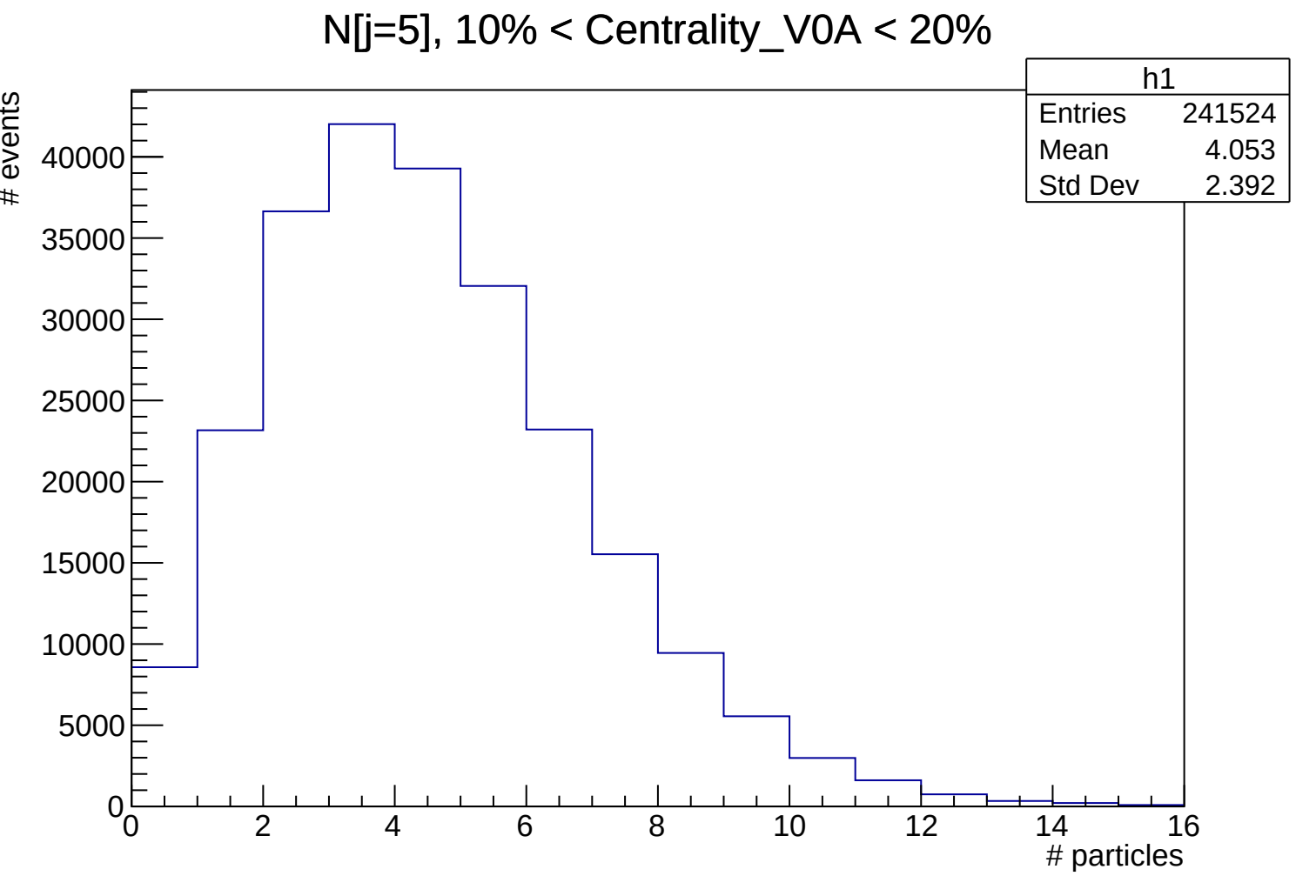
N[j=5], 10% < Centrality_V0A < 20%
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Mean 4.053
Std Dev 2.392
events
particles
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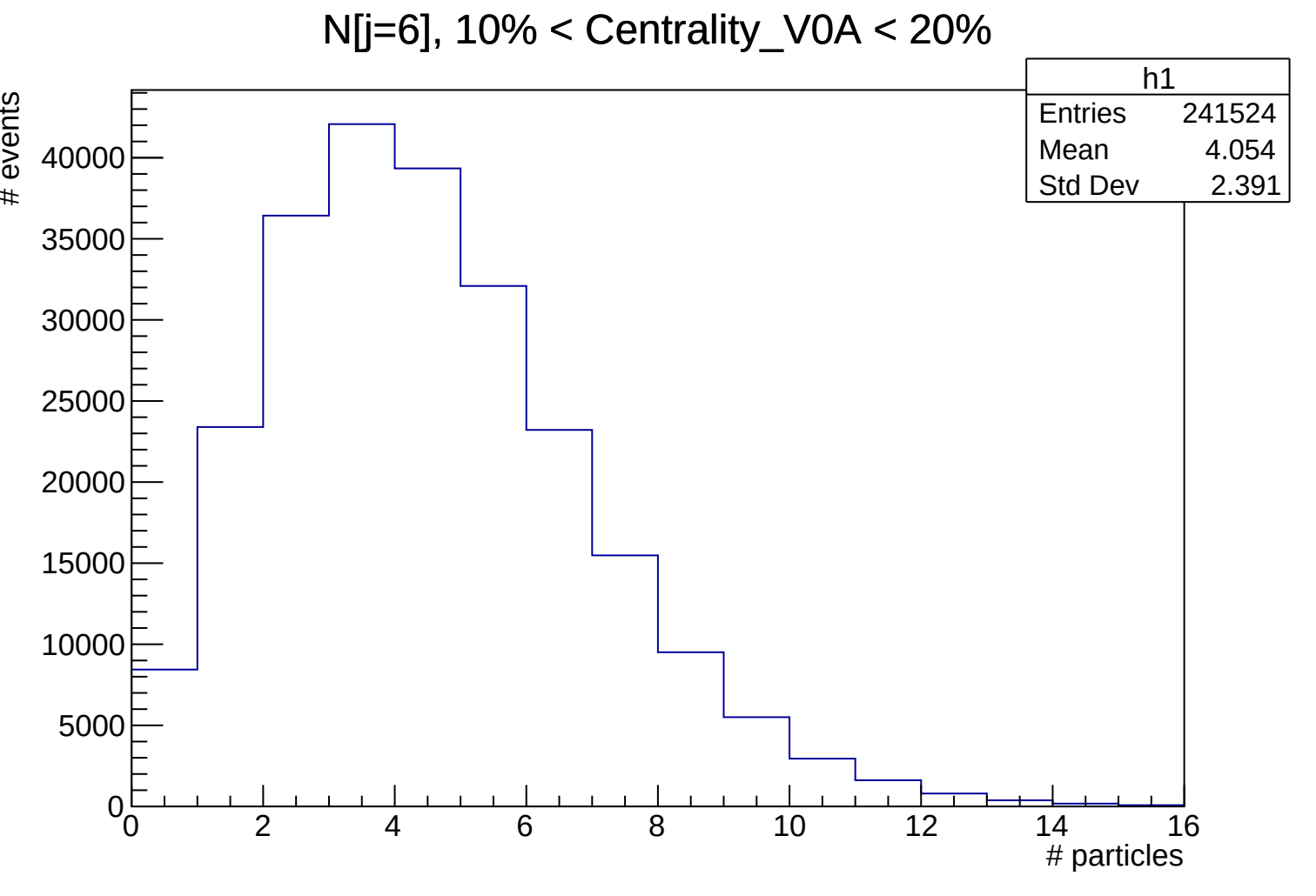
N[j=6], 10% < Centrality_V0A < 20%
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Entries 241524
Mean 4.054
Std Dev 2.391
events
particles
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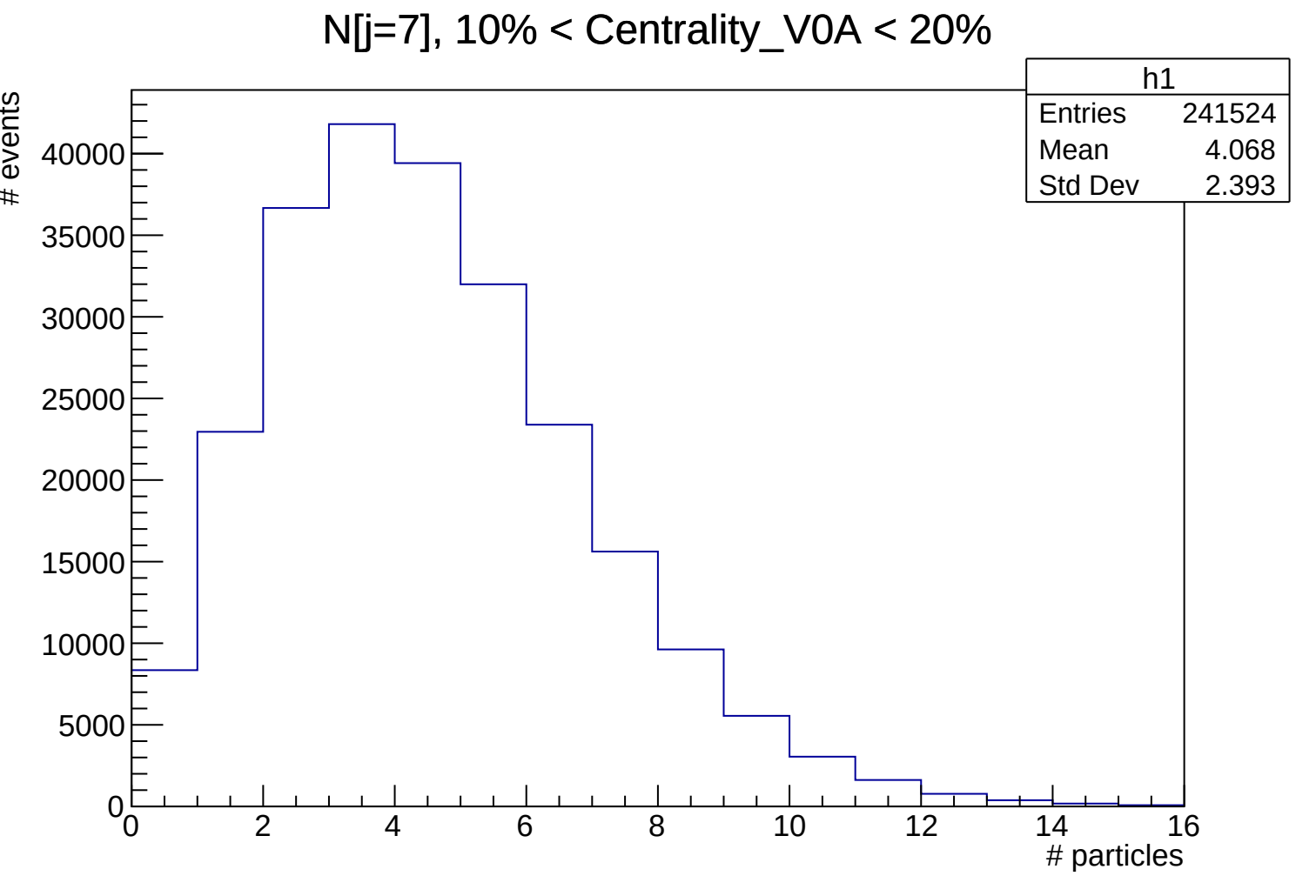
N[j=7], 10% < Centrality_V0A < 20%
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Entries 241524
Mean 4.068
Std Dev 2.393
events
particles
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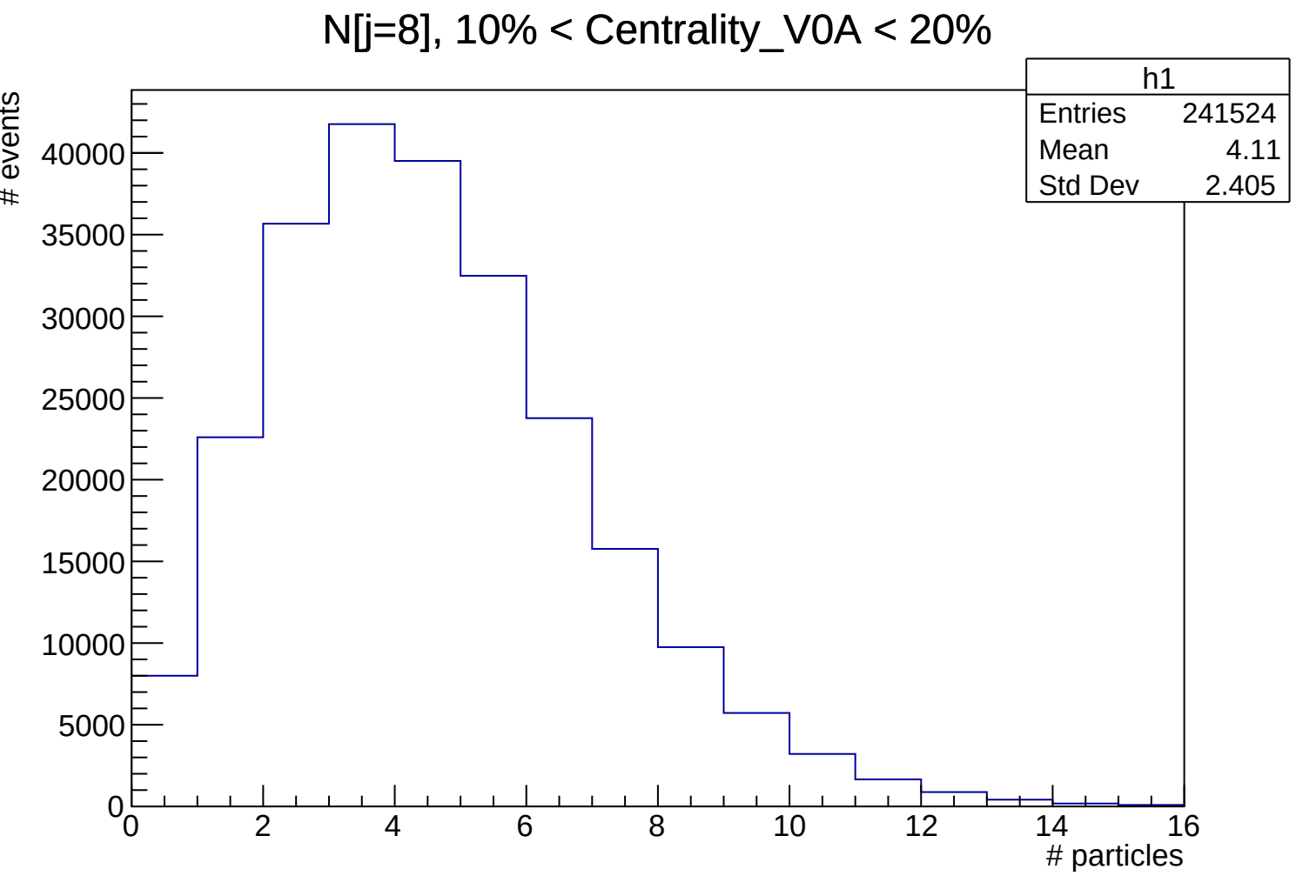
N[j=8], 10% < Centrality_V0A < 20%
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Entries 241524
Mean 4.11
Std Dev 2.405
events
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10000
5000
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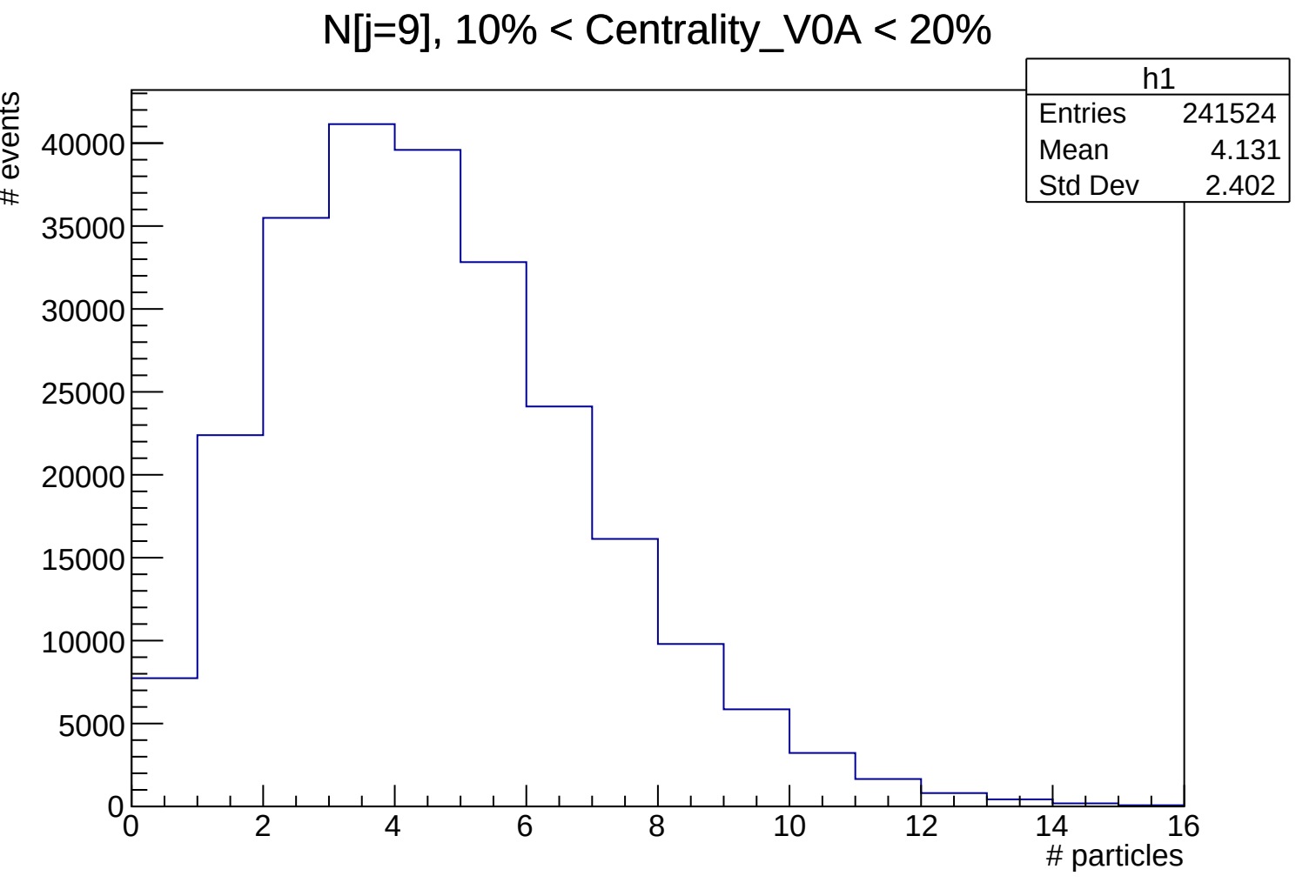
particles


N[j=9], 10% < Centrality_V0A < 20%
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Entries 241524
Mean 4.131
Std Dev 2.402
events
particles
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40000
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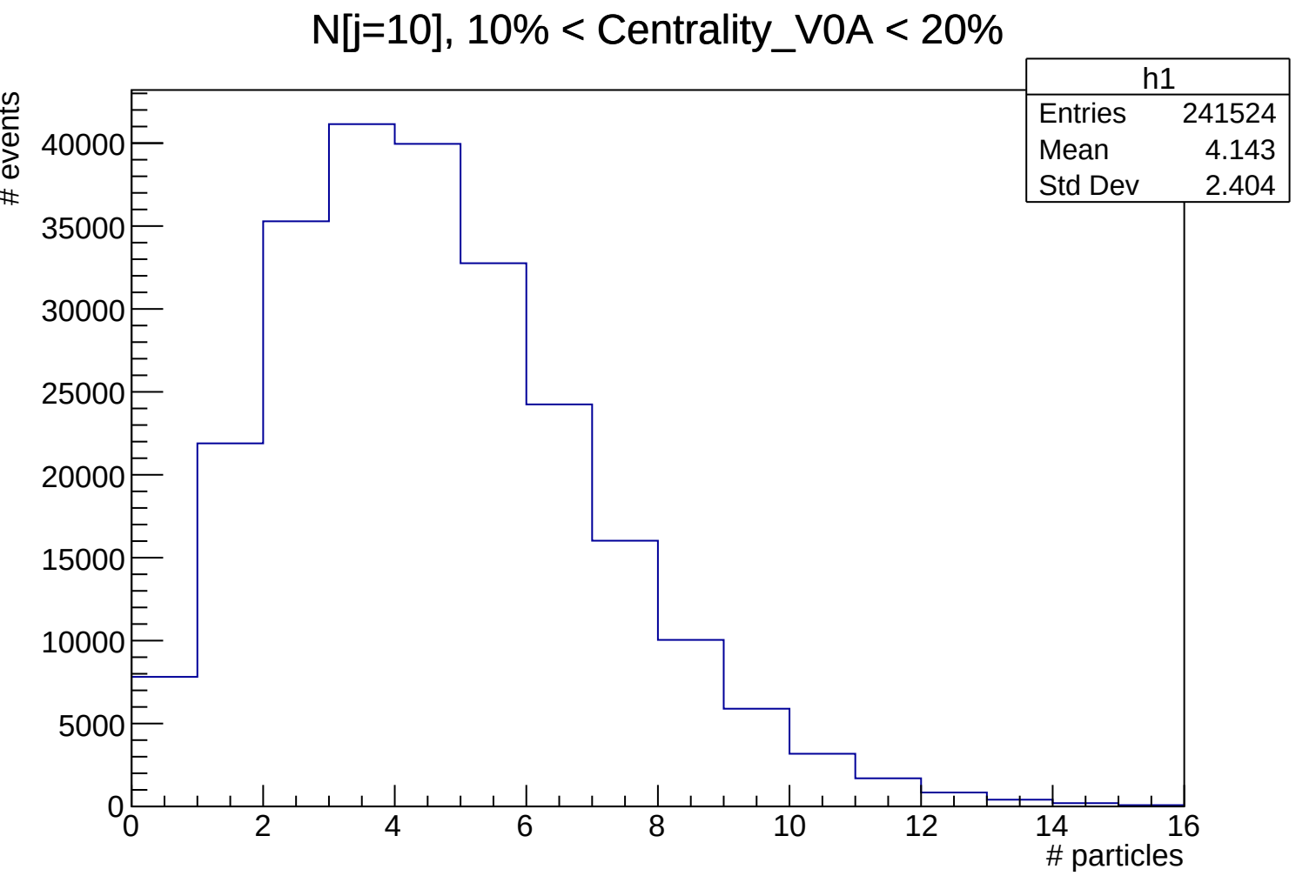
N[j=10], 10% < Centrality_V0A < 20%
h1
Entries 241524
Mean 4.143
Std Dev 2.404
events
40000
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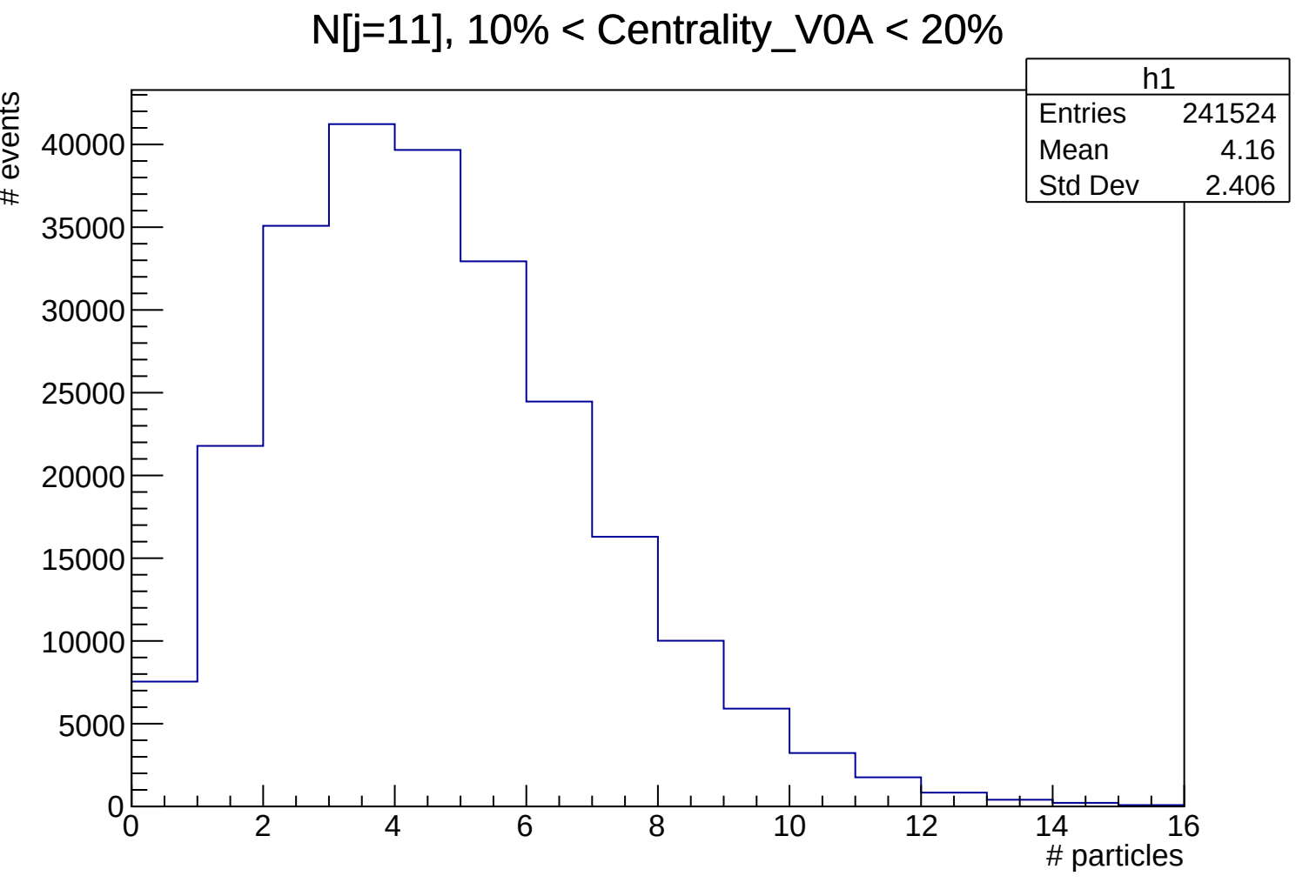
16
particles


N[j=11], 10% < Centrality_V0A < 20%
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Entries 241524
Mean 4.16
Std Dev 2.406
events
particles
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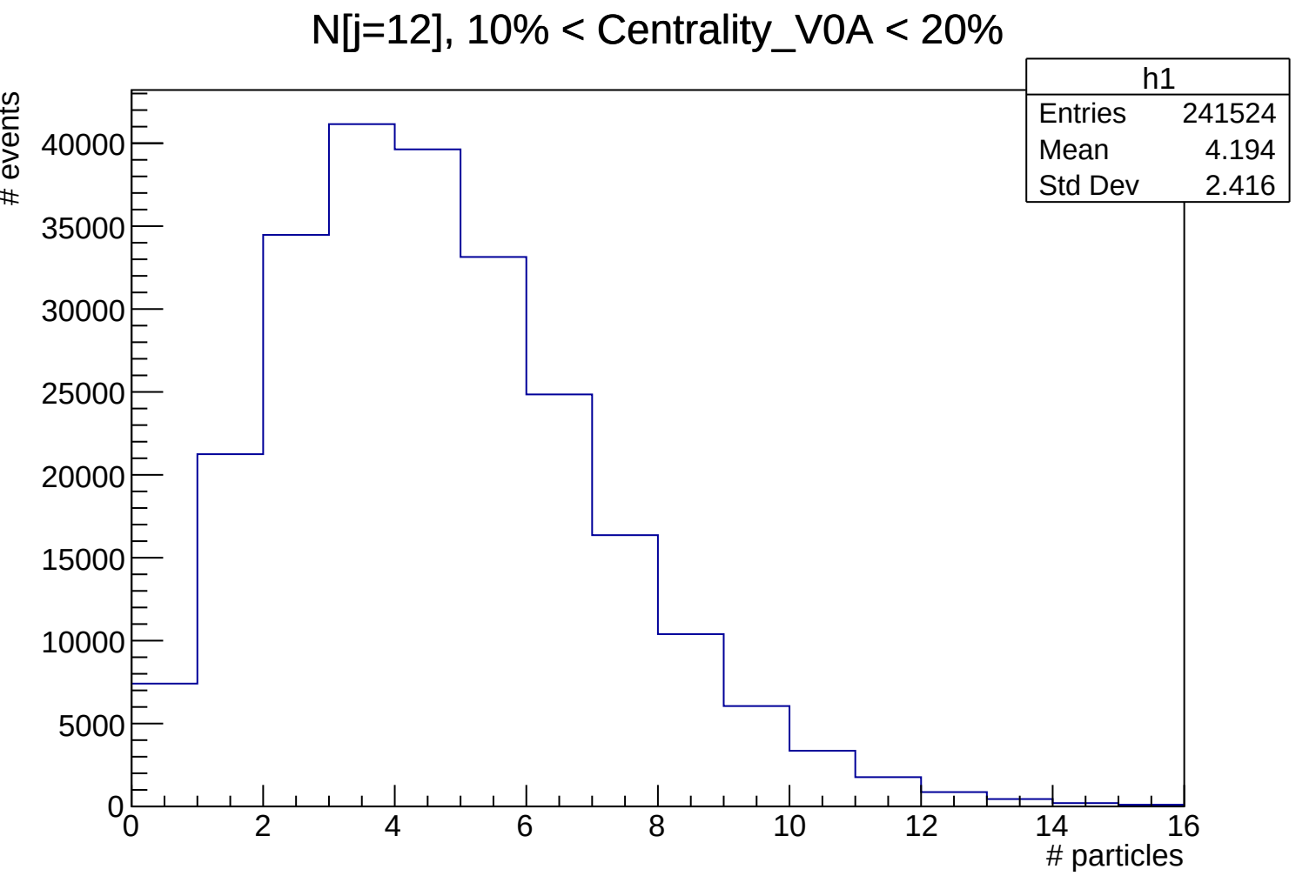
N[j=12], 10% < Centrality_V0A < 20%
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Entries 241524
Mean 4.194
Std Dev 2.416
events
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5000
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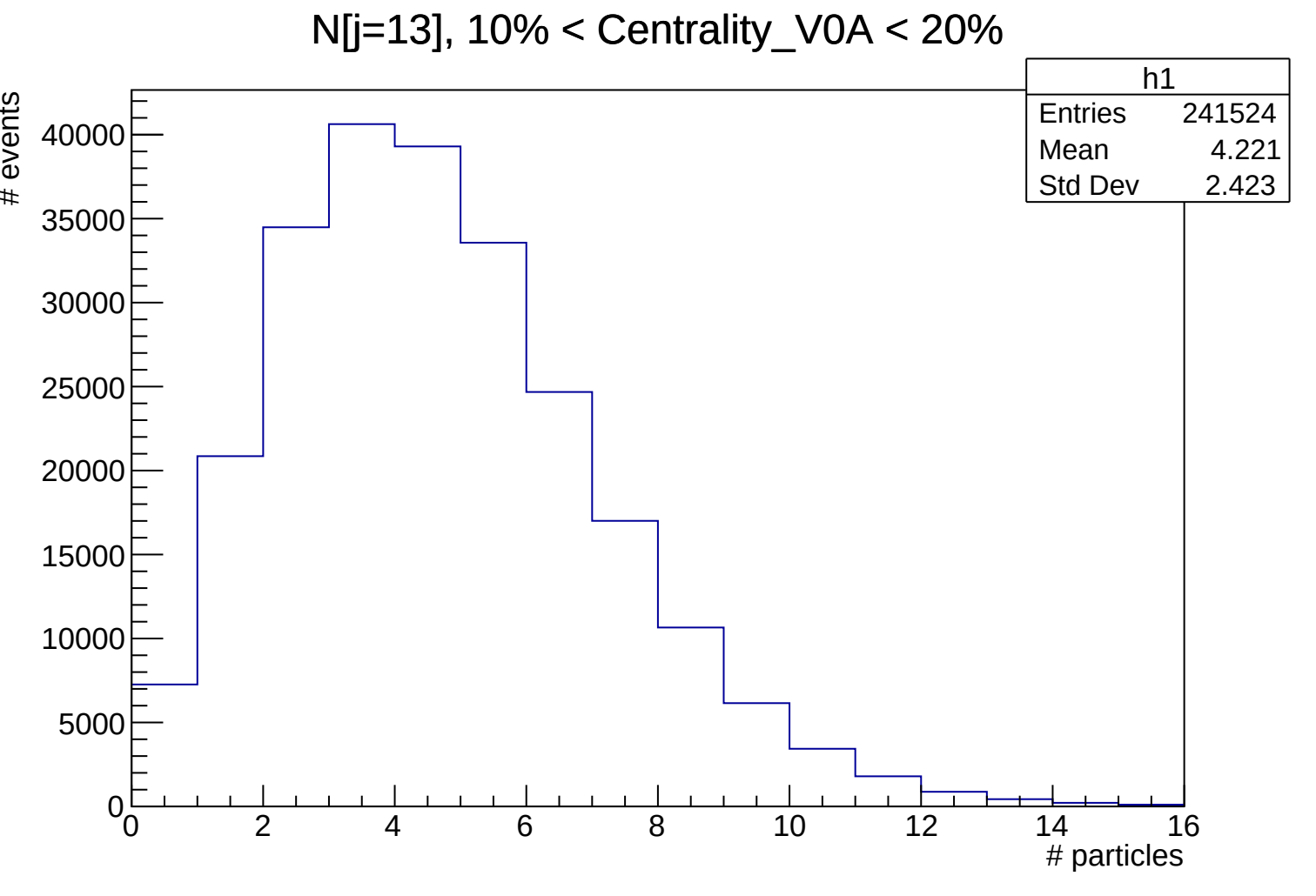
particles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Entries 241524
Mean 4.221
Std Dev 2.423
events
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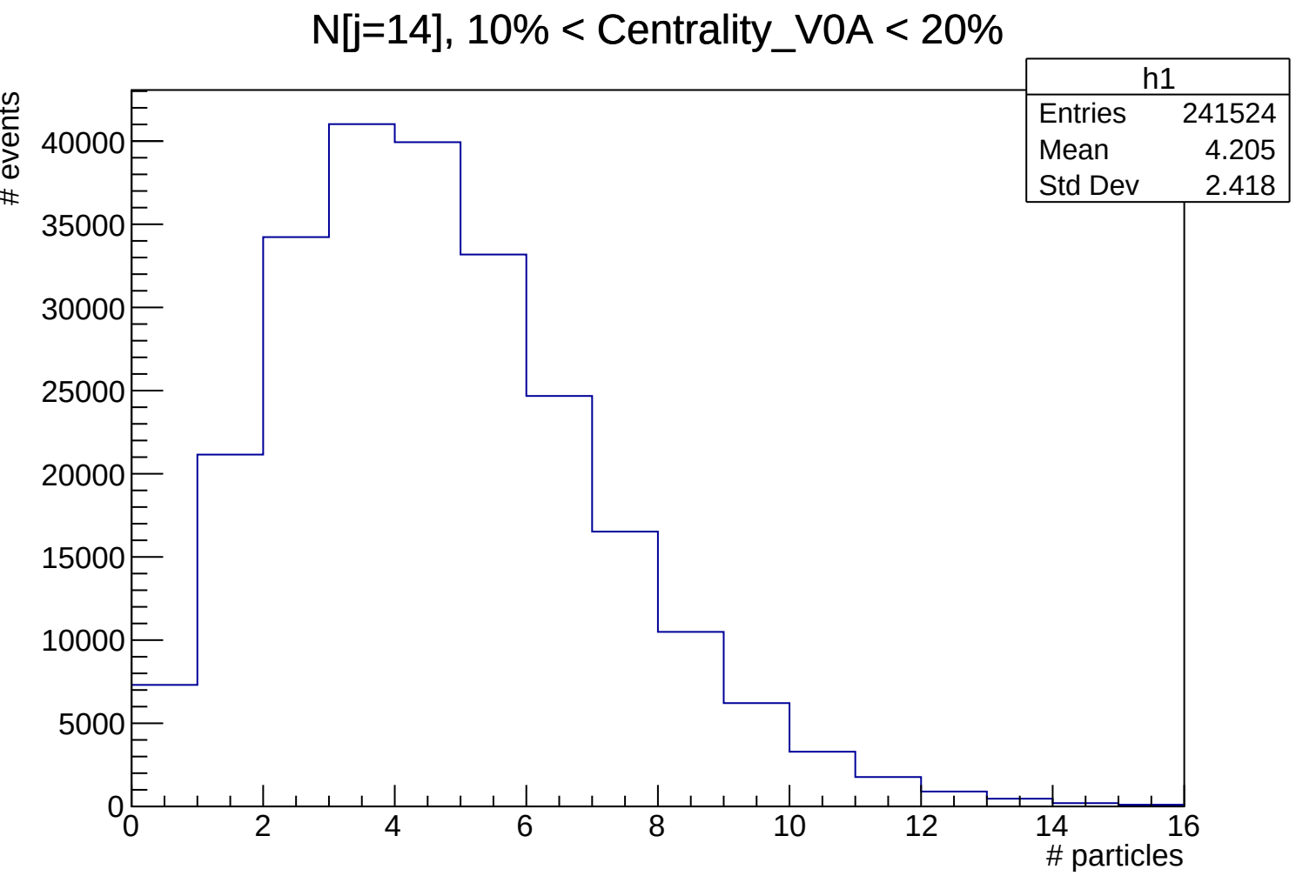
16
particles


N[j=14], 10% < Centrality_V0A < 20%
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Entries 241524
Mean 4.205
Std Dev 2.418
events
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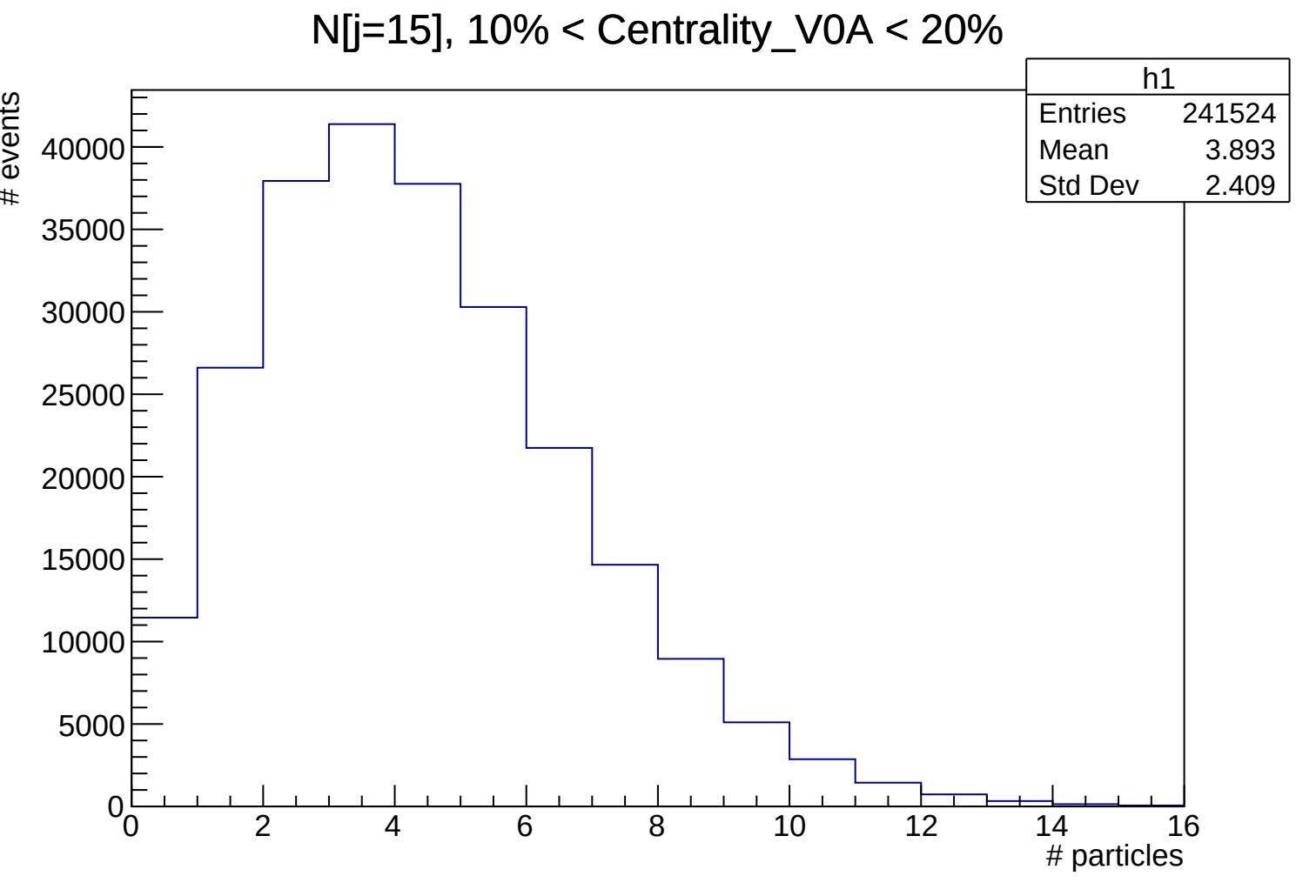
16
particles


N[j=15], 10% < Centrality_V0A < 20%
h1
Entries 241524
Mean 3.893
Std Dev 2.409
events
particles
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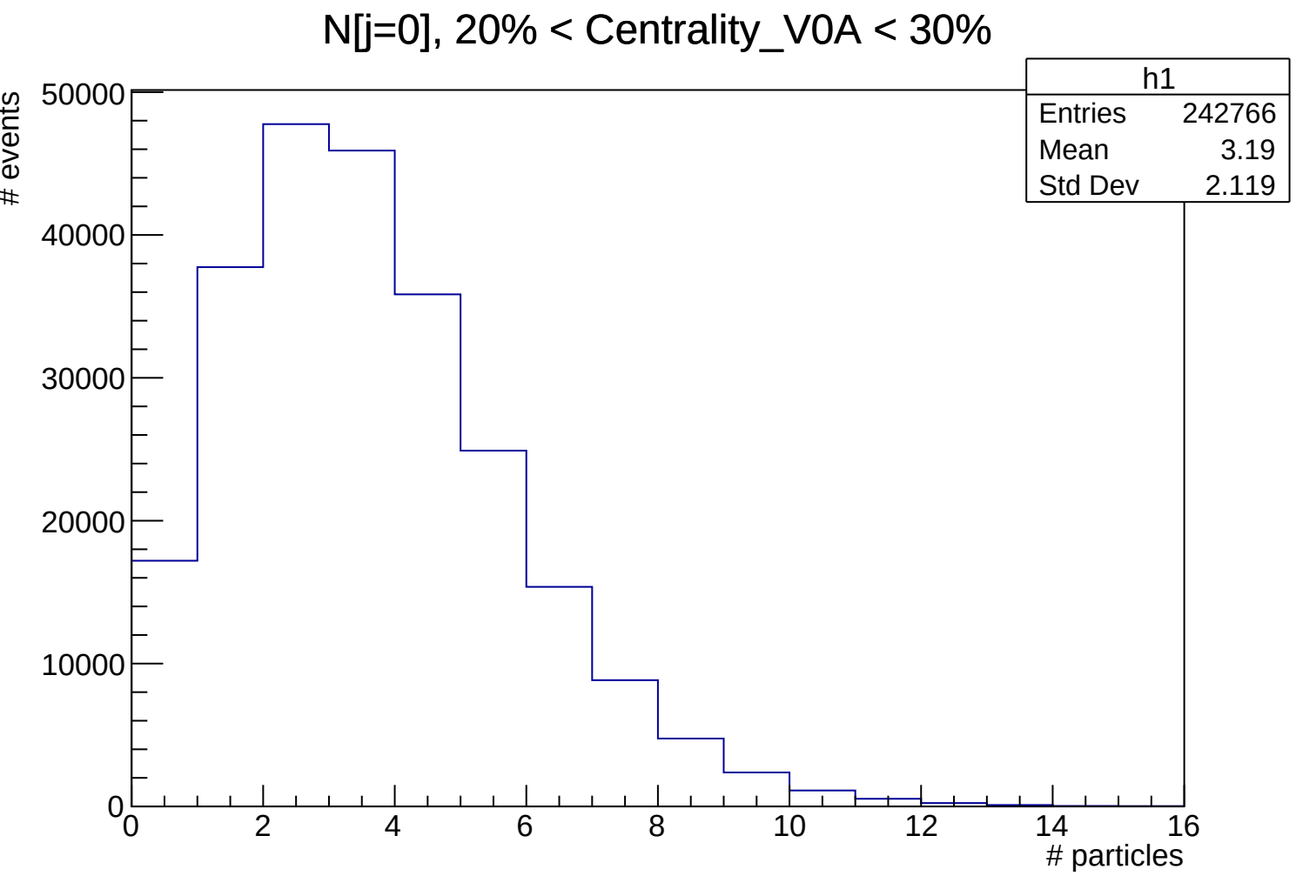
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Entries 242766
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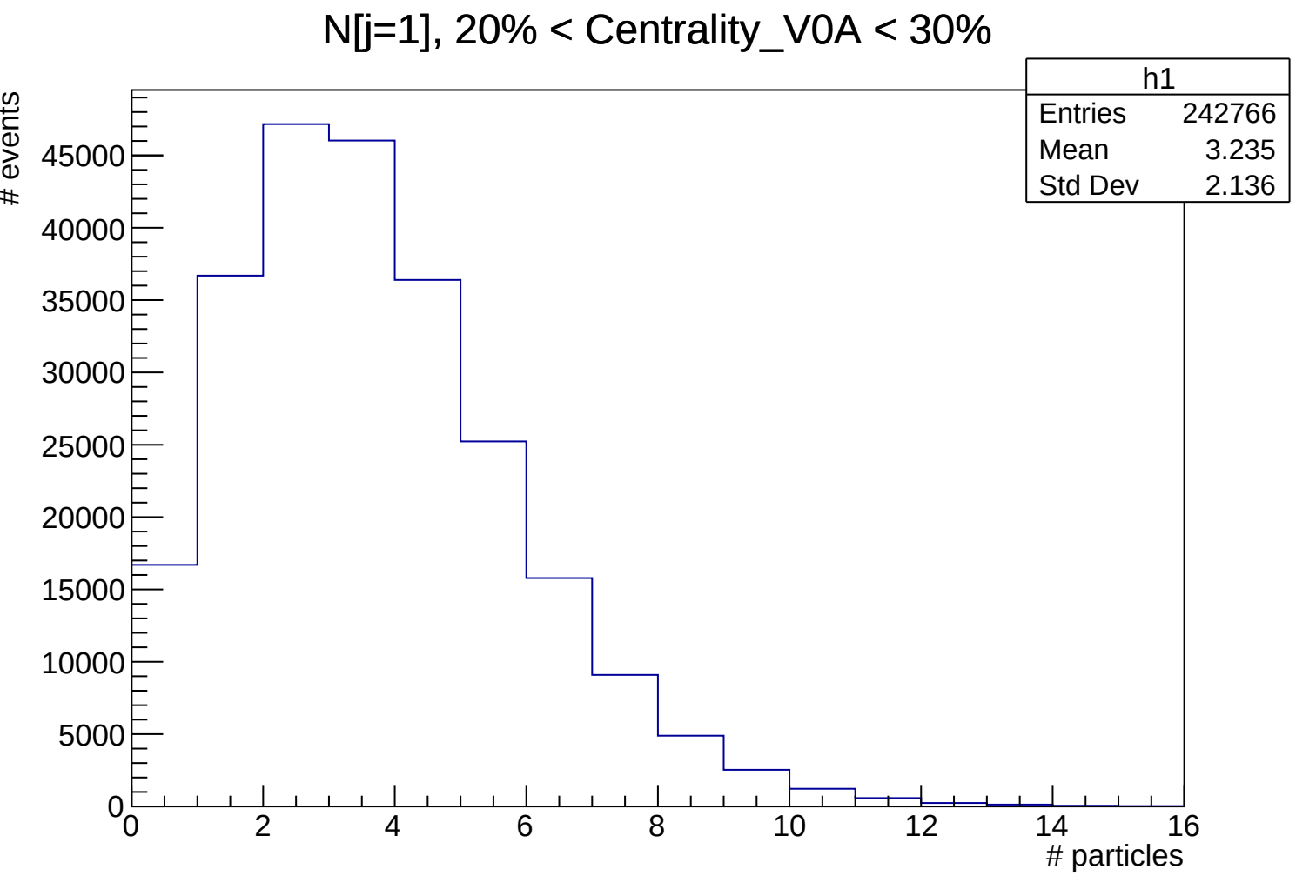
particles


N[j=1], 20% < Centrality_V0A < 30%
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Entries 242766
Mean 3.235
Std Dev 2.136
events
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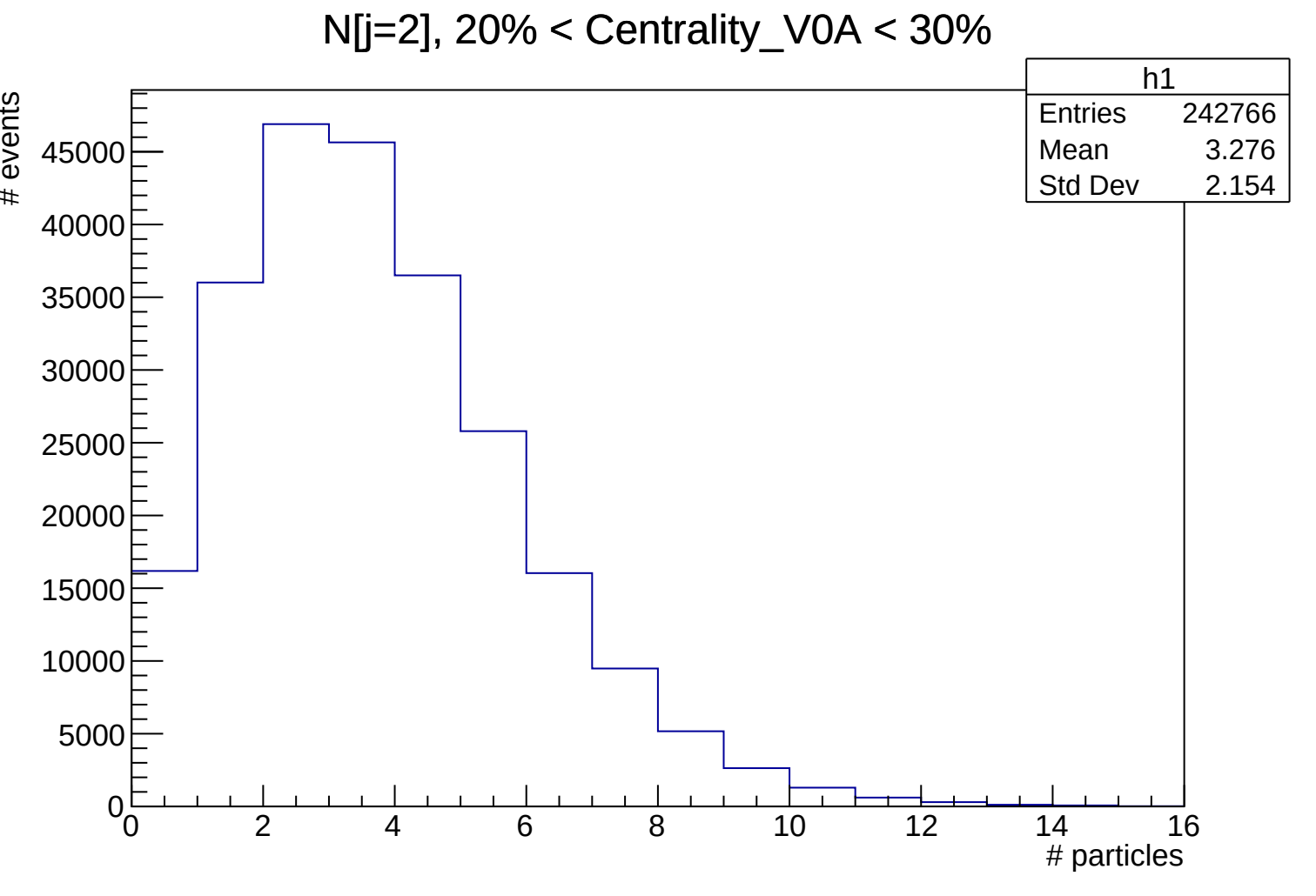
particles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Entries 242766
Mean 3.276
Std Dev 2.154
events
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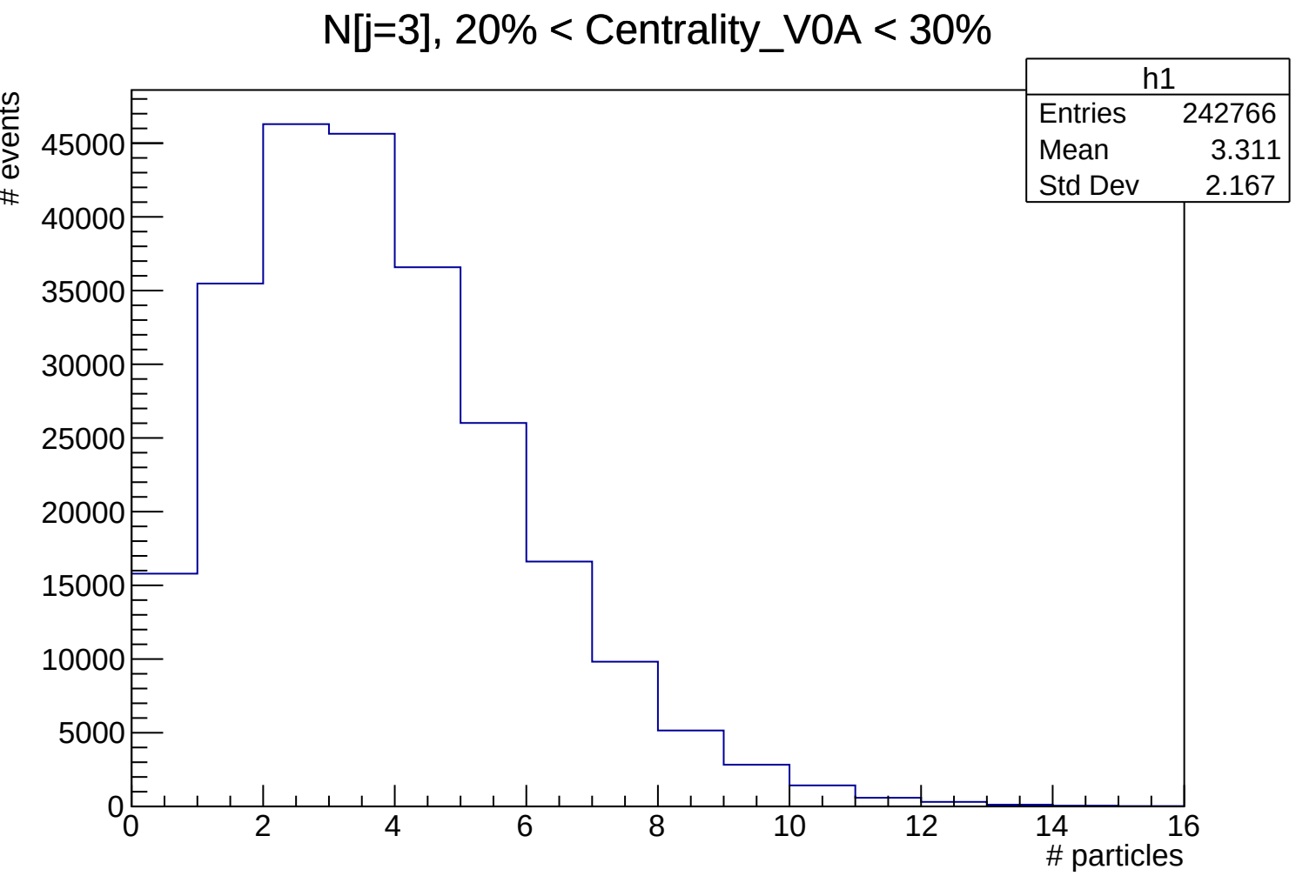
particles


N[j=3], 20% < Centrality_V0A < 30%
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Entries 242766
Mean 3.311
Std Dev 2.167
events
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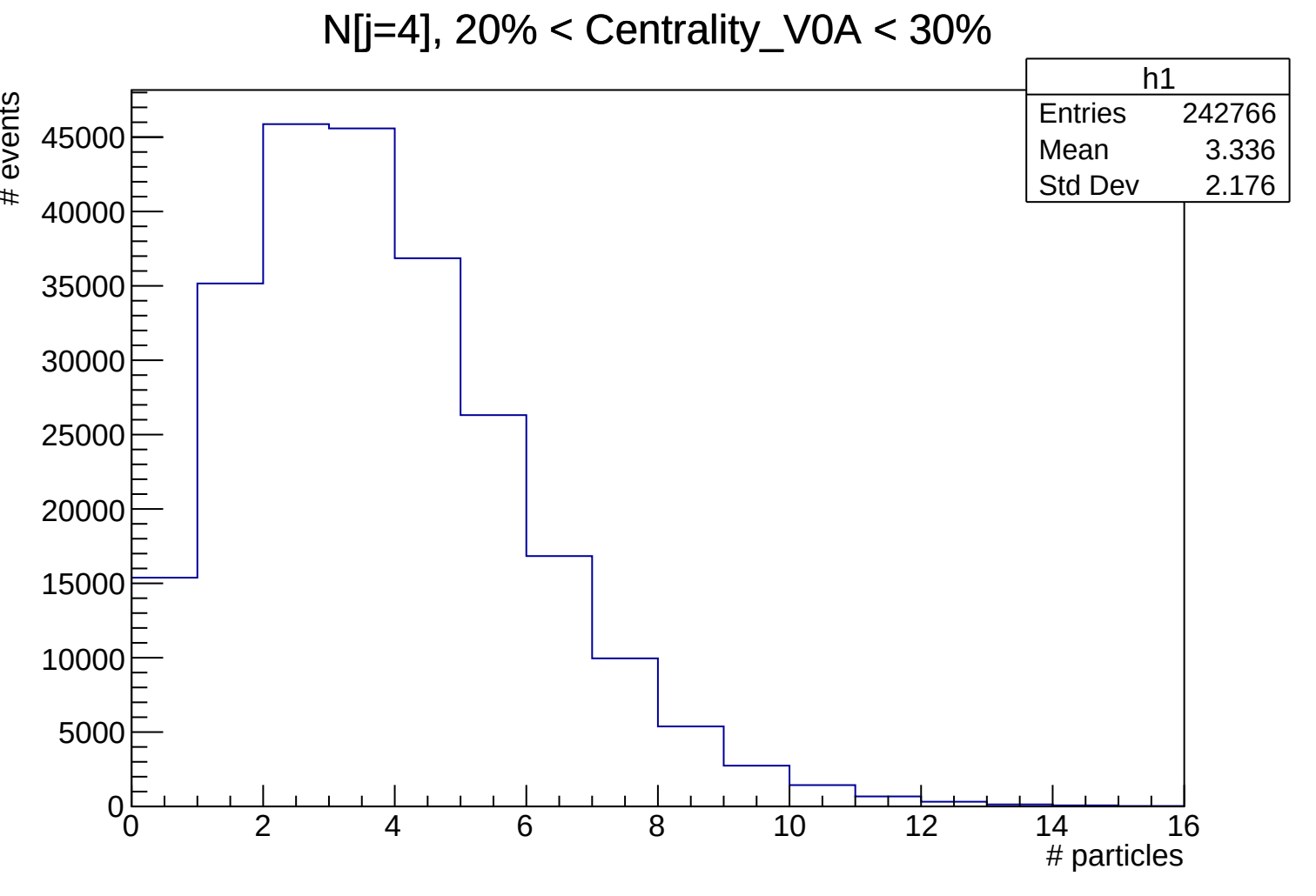
particles


N[j=4], 20% < Centrality_V0A < 30%
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Entries 242766
Mean 3.336
Std Dev 2.176
events
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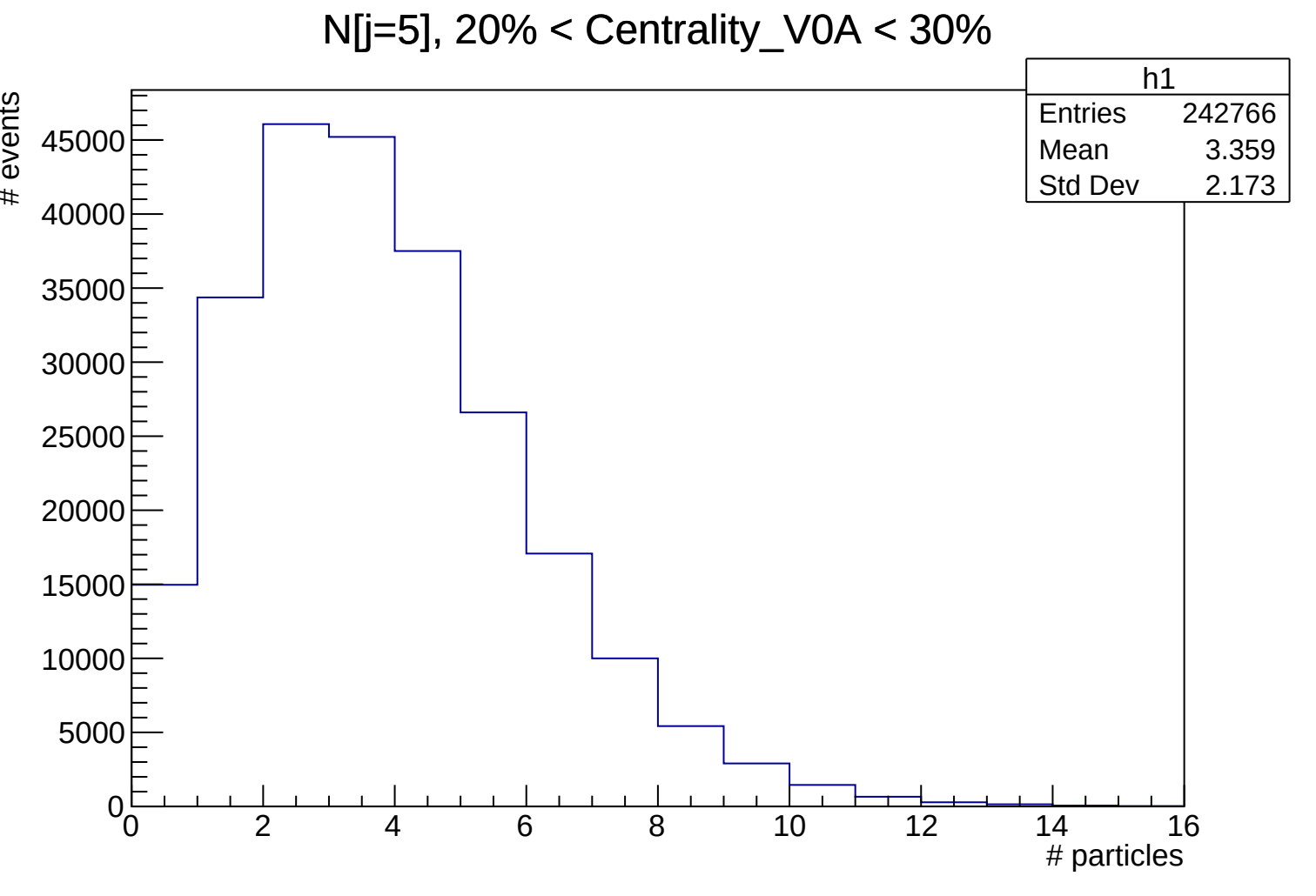
16
particles


N[j=5], 20% < Centrality_V0A < 30%
h1
Entries 242766
Mean 3.359
Std Dev 2.173
events
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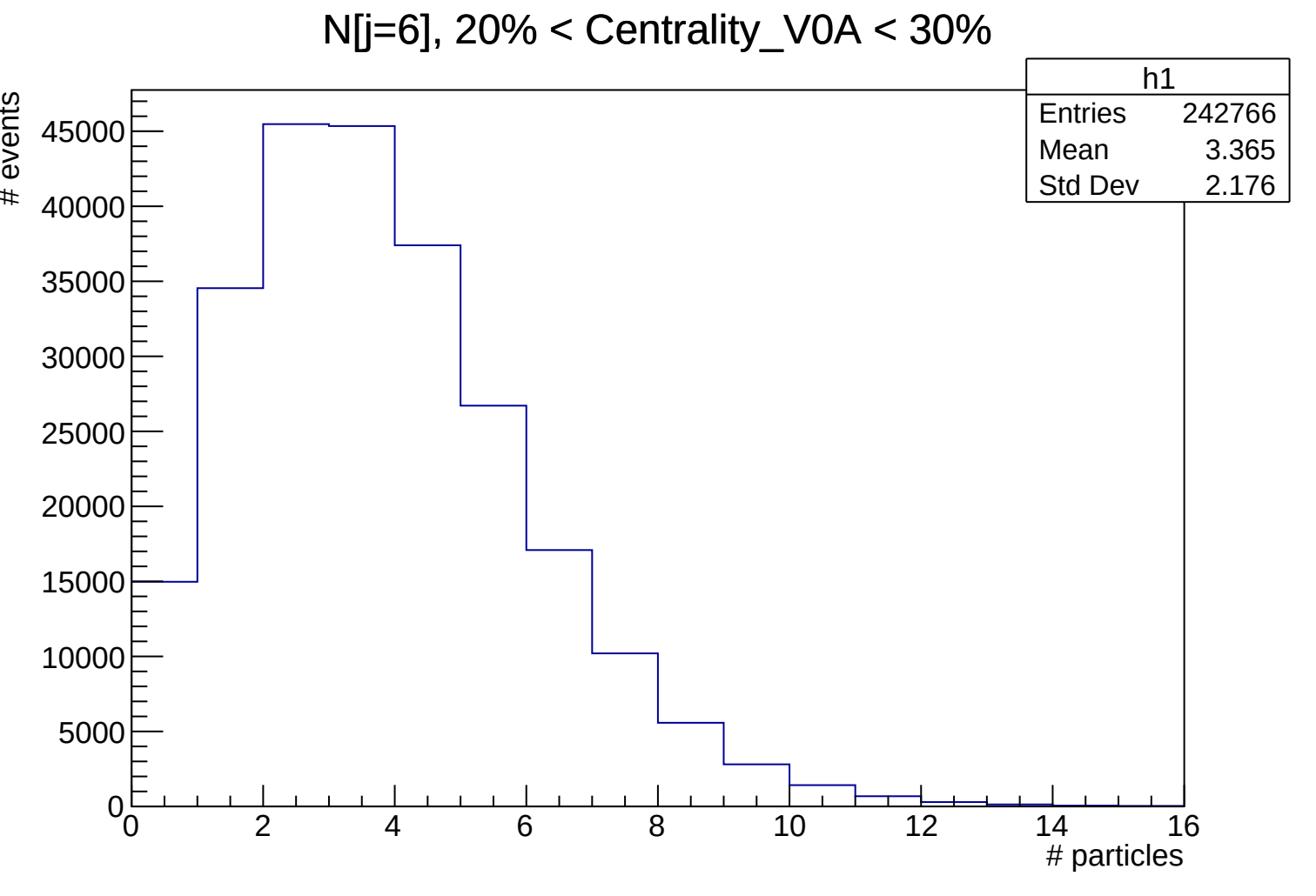
16
particles


N[j=6], 20% < Centrality_V0A < 30%
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Entries 242766
Mean 3.365
Std Dev 2.176
events
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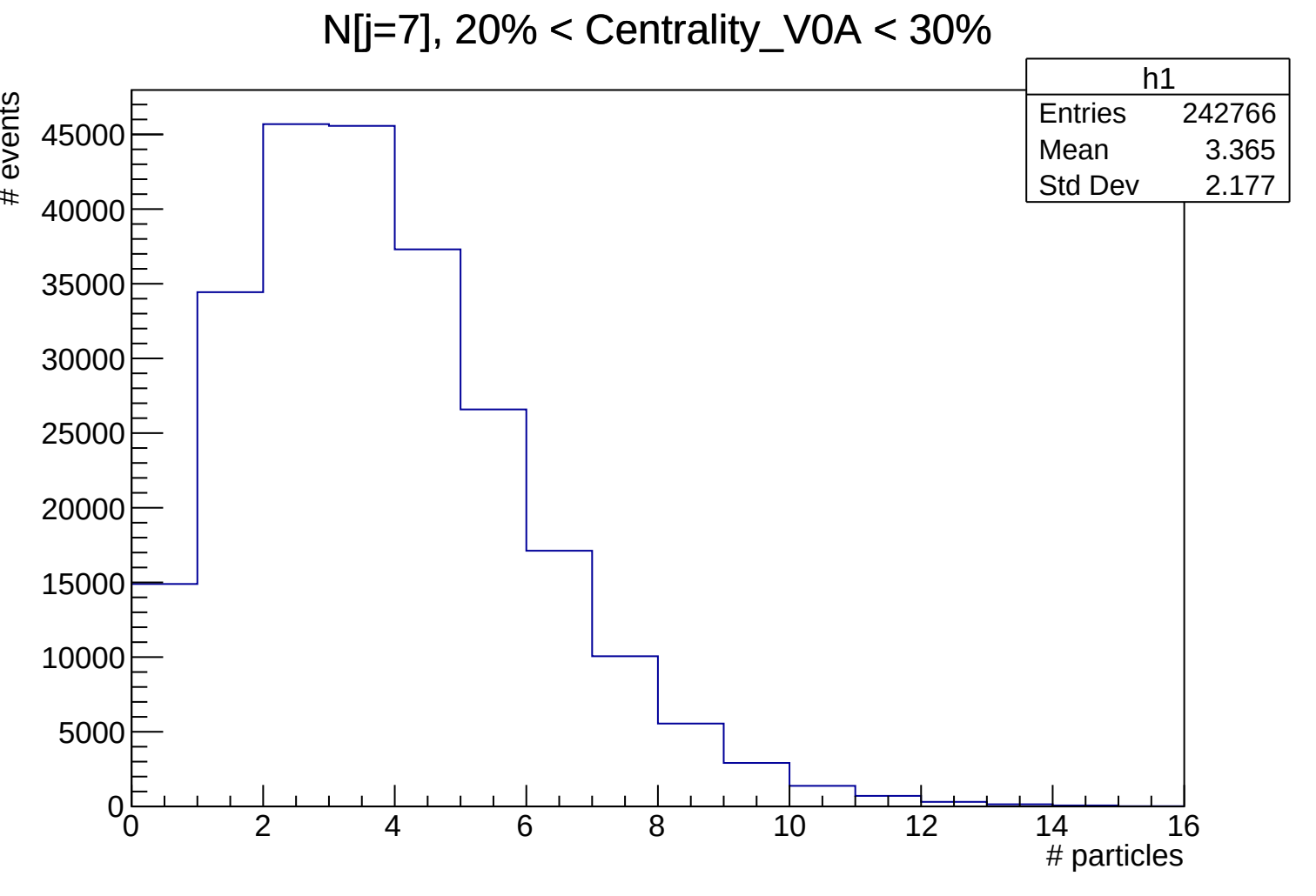
16
particles


N[j=7], 20% < Centrality_V0A < 30%
h1
Entries 242766
Mean 3.365
Std Dev 2.177
events
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40000
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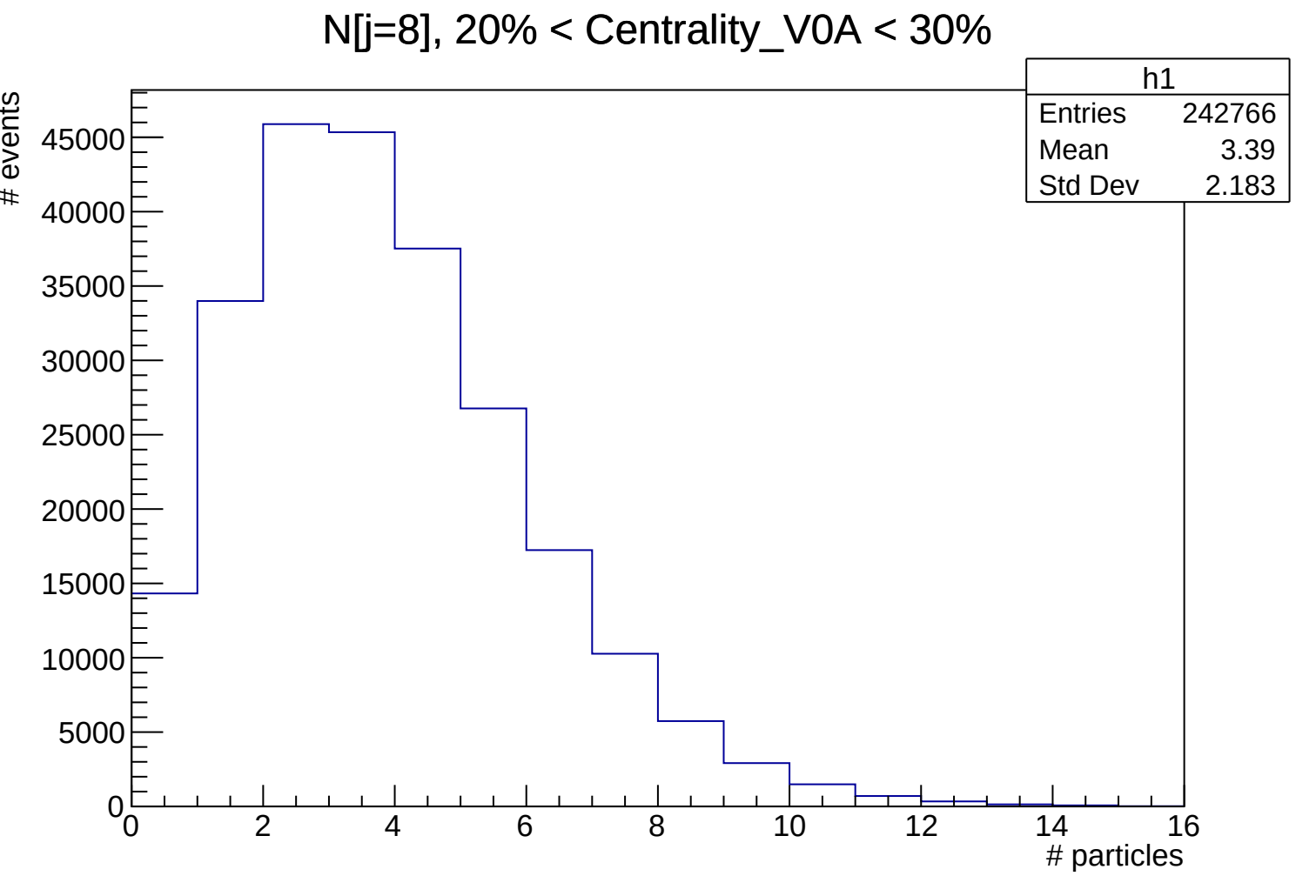
16
particles


N[j=8], 20% < Centrality_V0A < 30%
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Entries 242766
Mean 3.39
Std Dev 2.183
events
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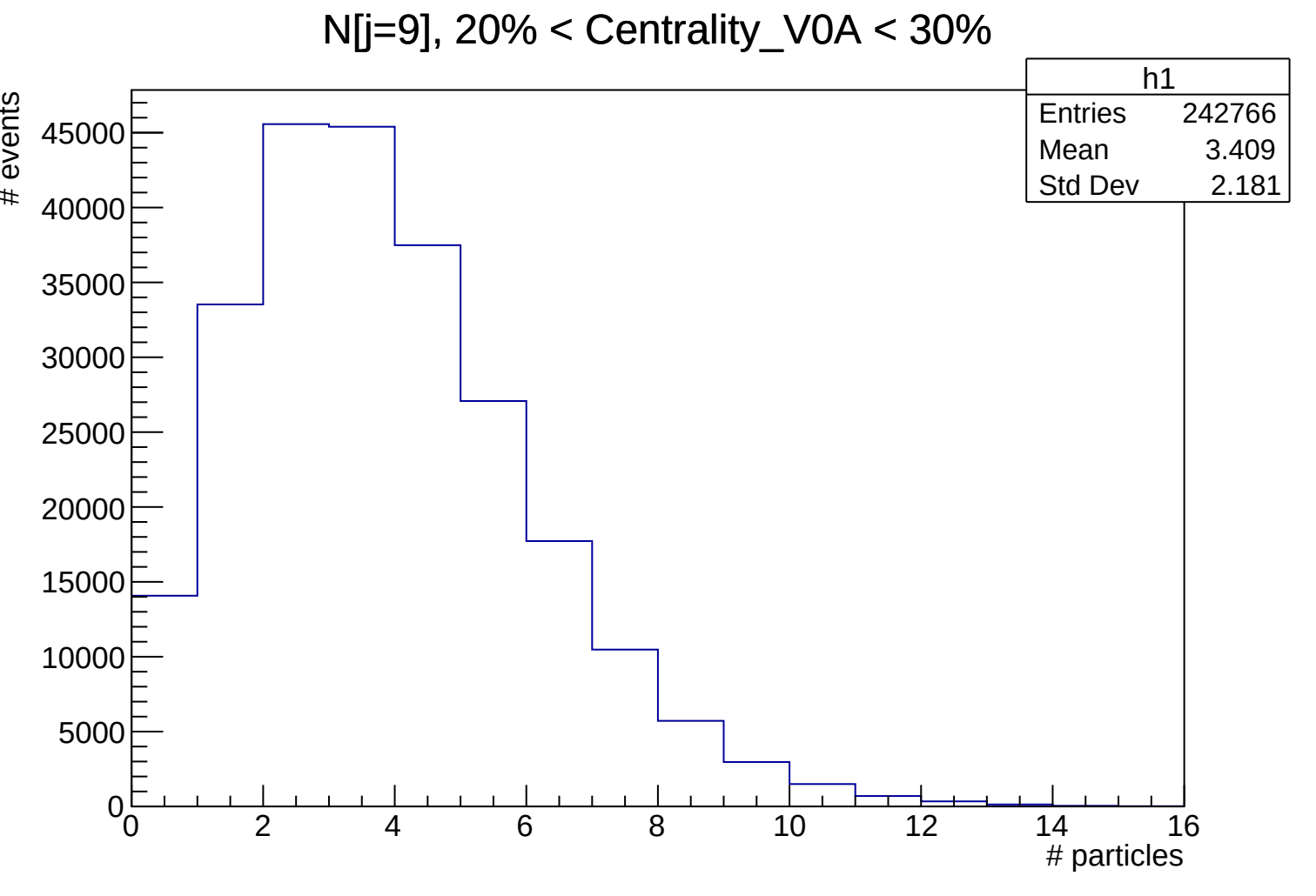
16
particles


N[j=9], 20% < Centrality_V0A < 30%
h1
Entries 242766
Mean 3.409
Std Dev 2.181
events
45000
40000
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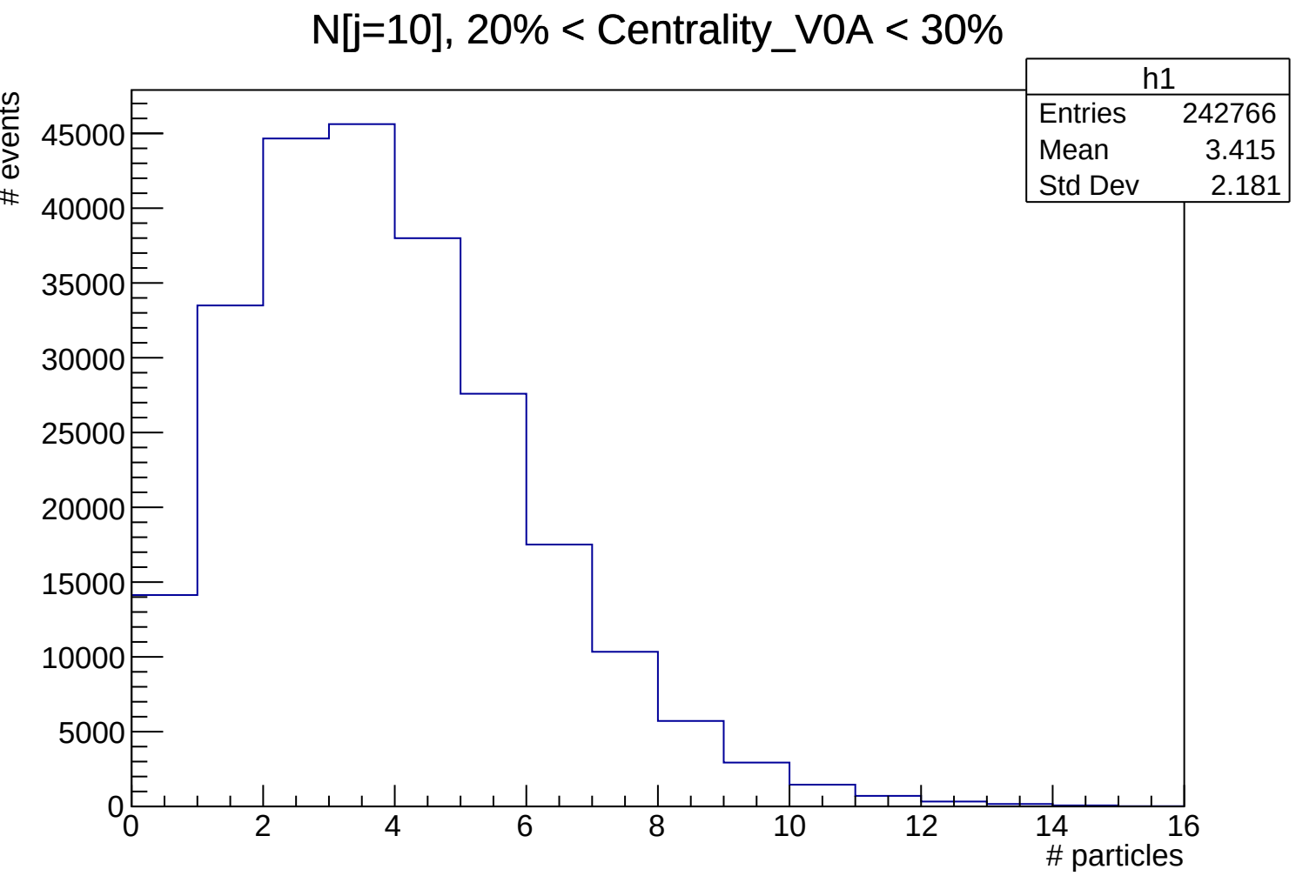
16
particles


N[j=10], 20% < Centrality_V0A < 30%
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Entries 242766
Mean 3.415
Std Dev 2.181
events
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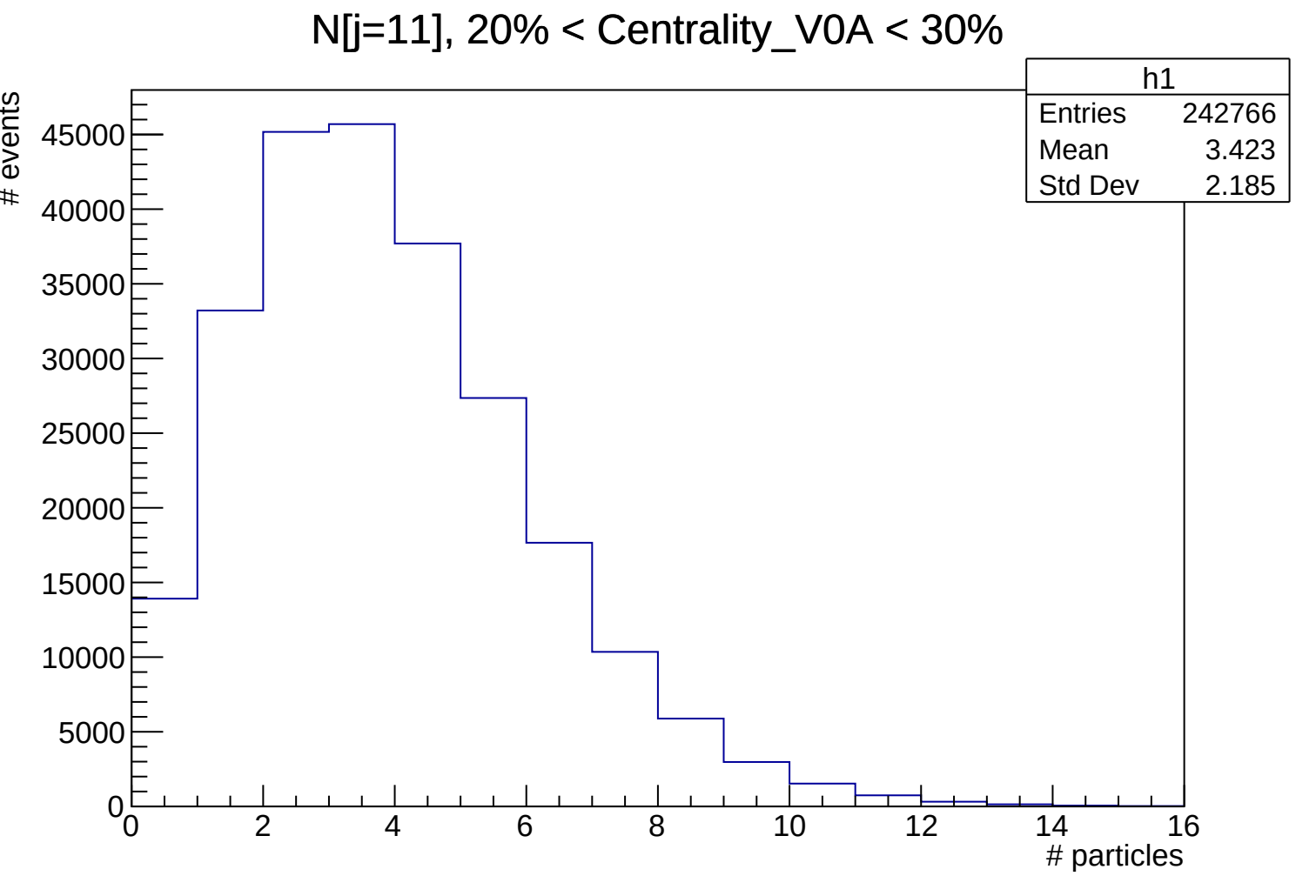
16
particles


N[j=11], 20% < Centrality_V0A < 30%
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Entries 242766
Mean 3.423
Std Dev 2.185
events
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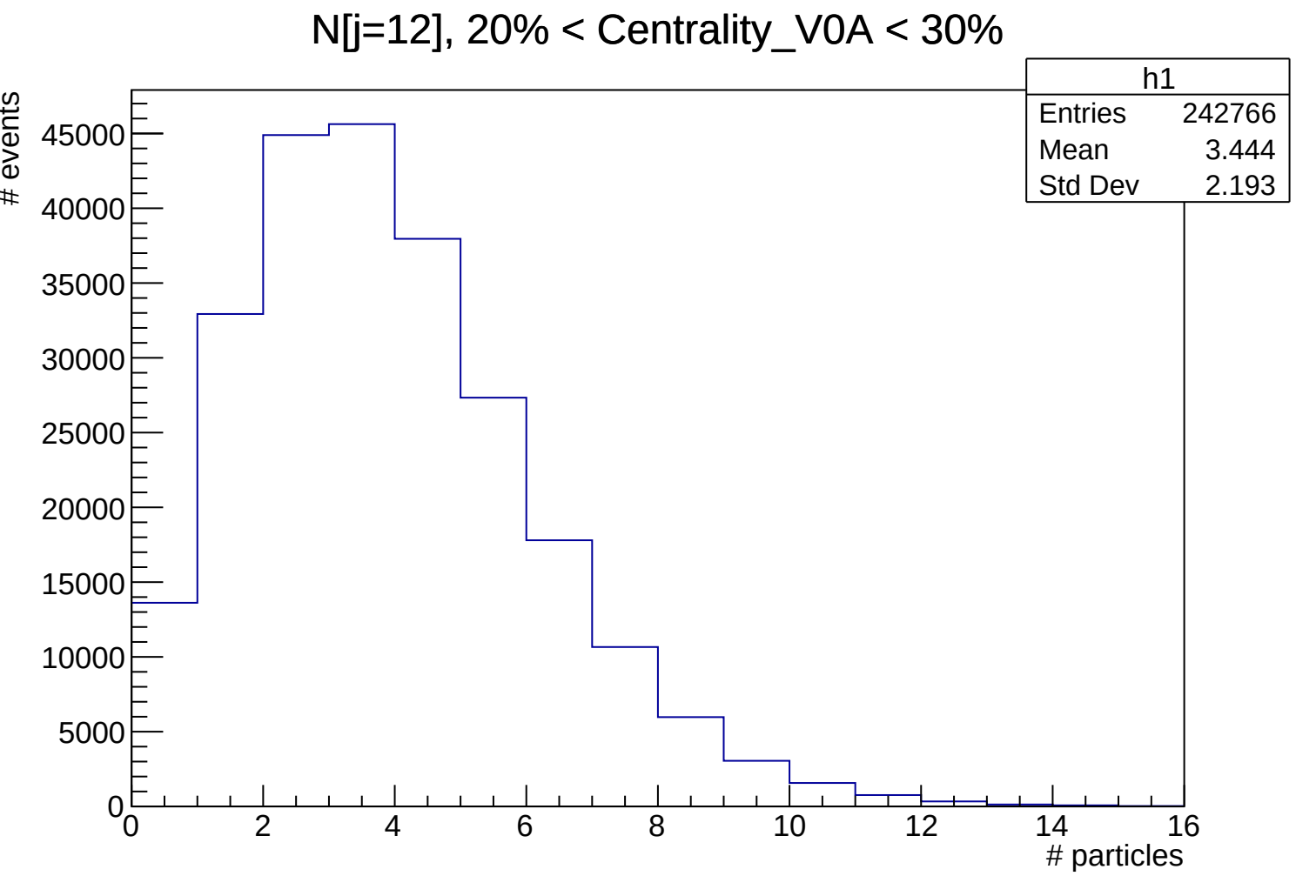
16
particles


N[j=12], 20% < Centrality_V0A < 30%
h1
Entries 242766
Mean 3.444
Std Dev 2.193
events
45000
40000
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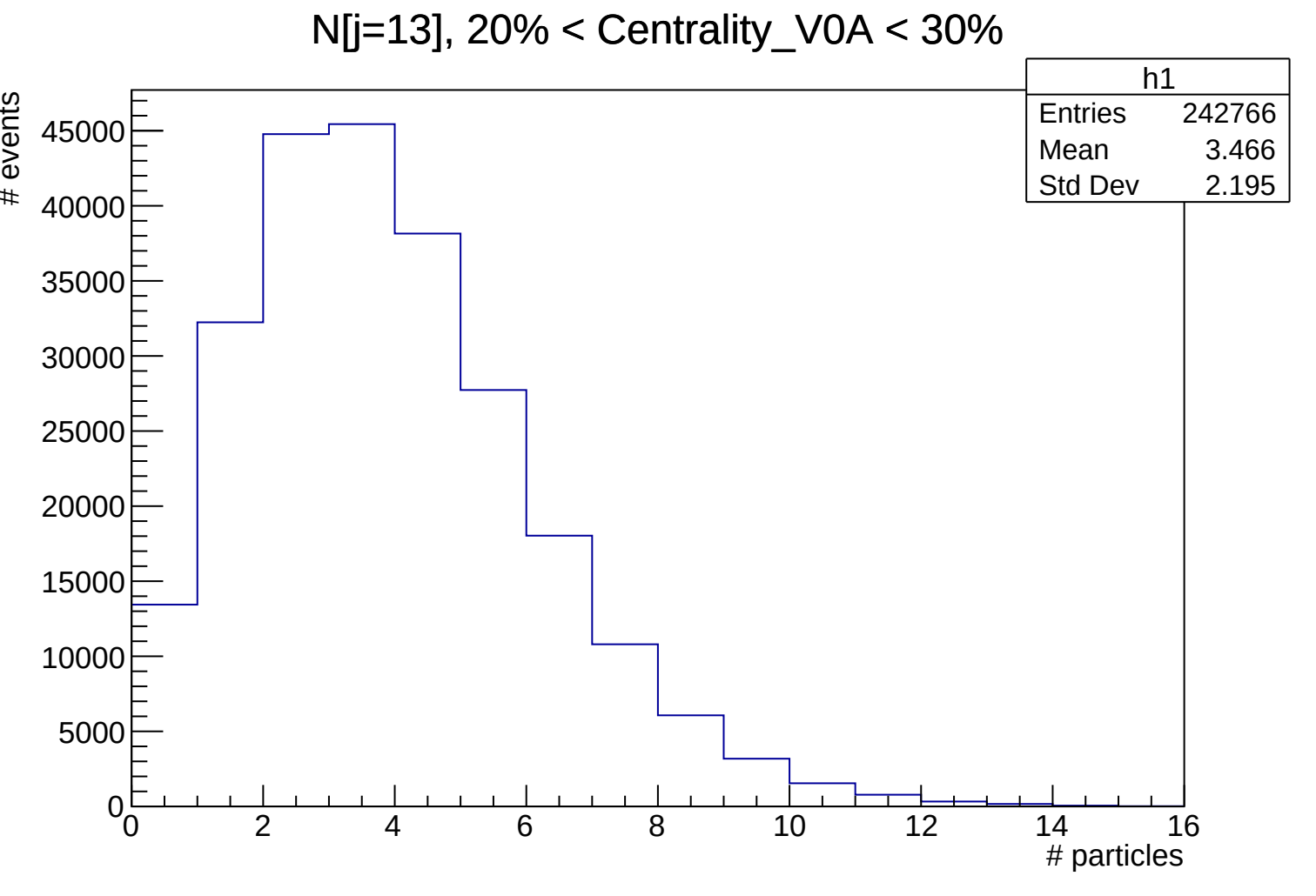
16
particles


N[j=13], 20% < Centrality_V0A < 30%
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Entries 242766
Mean 3.466
Std Dev 2.195
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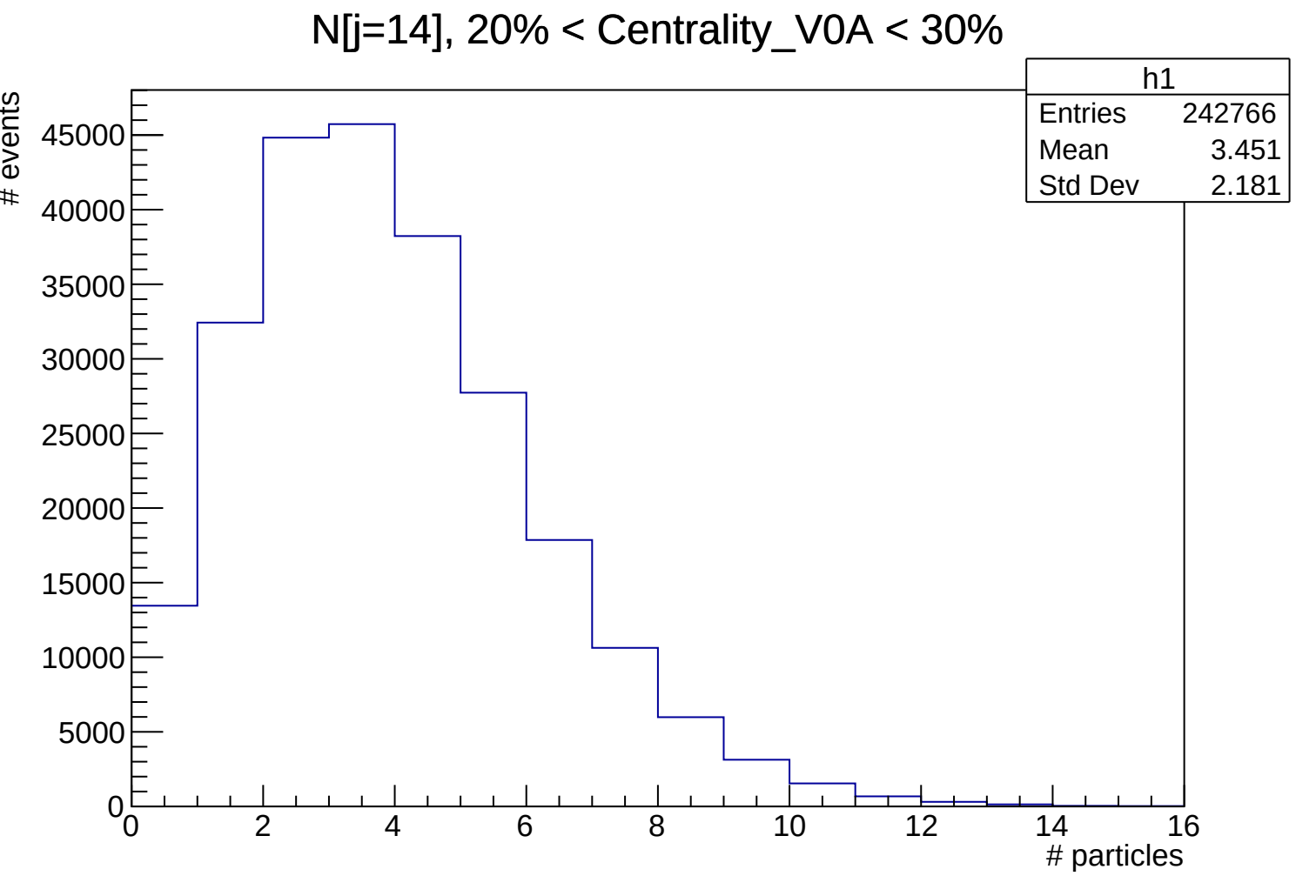
16
particles


N[j=14], 20% < Centrality_V0A < 30%
h1
Entries 242766
Mean 3.451
Std Dev 2.181
events
45000
40000
35000
30000
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20000
15000
10000
5000
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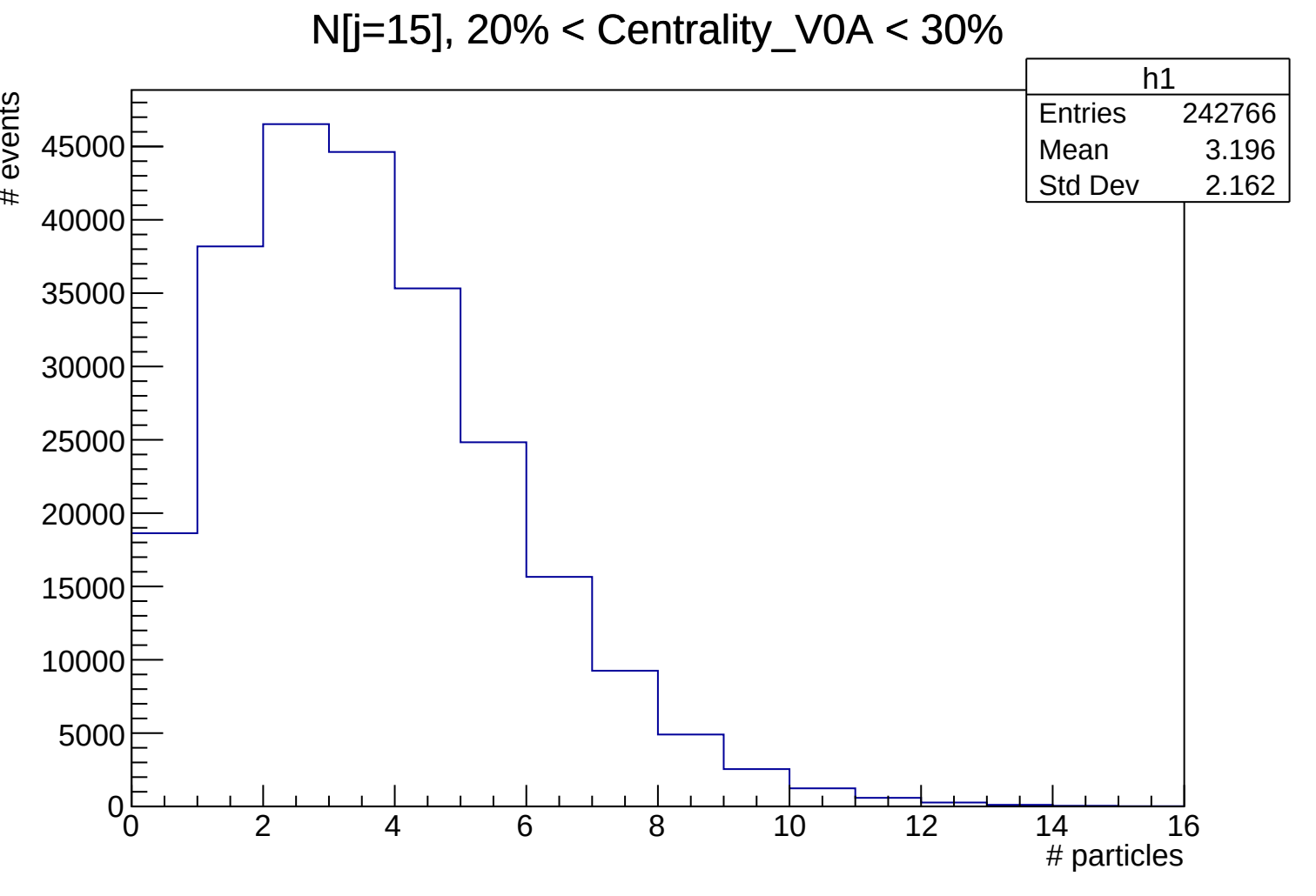
14
16
particles


N[j=15], 20% < Centrality_V0A < 30%
h1
Entries 242766
Mean 3.196
Std Dev 2.162
events
45000
40000
35000
30000
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20000
15000
10000
5000
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4
6
8
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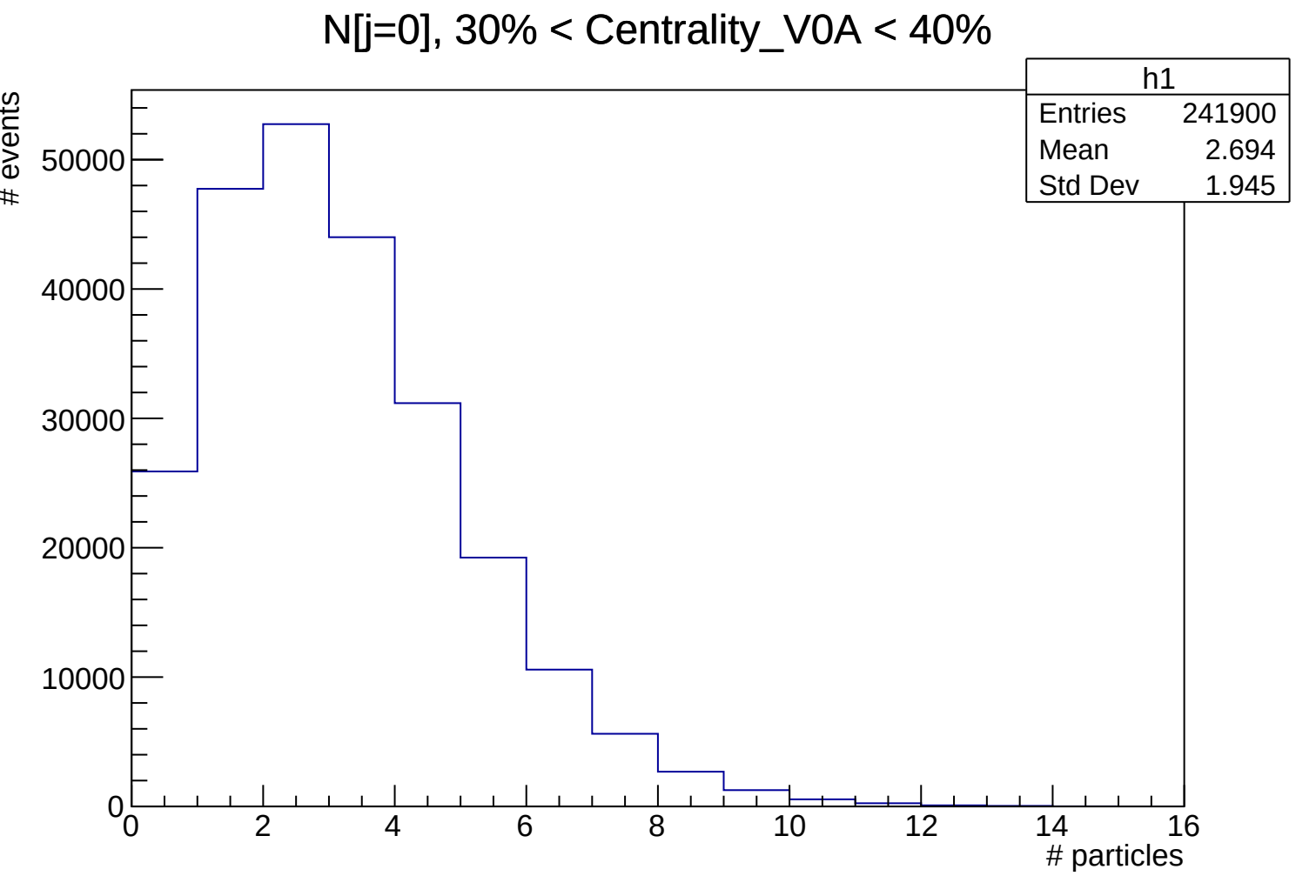
12
14
16
particles


N[j=0], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.694
Std Dev 1.945
events
50000
40000
30000
20000
10000
0
0
2
4
6
8
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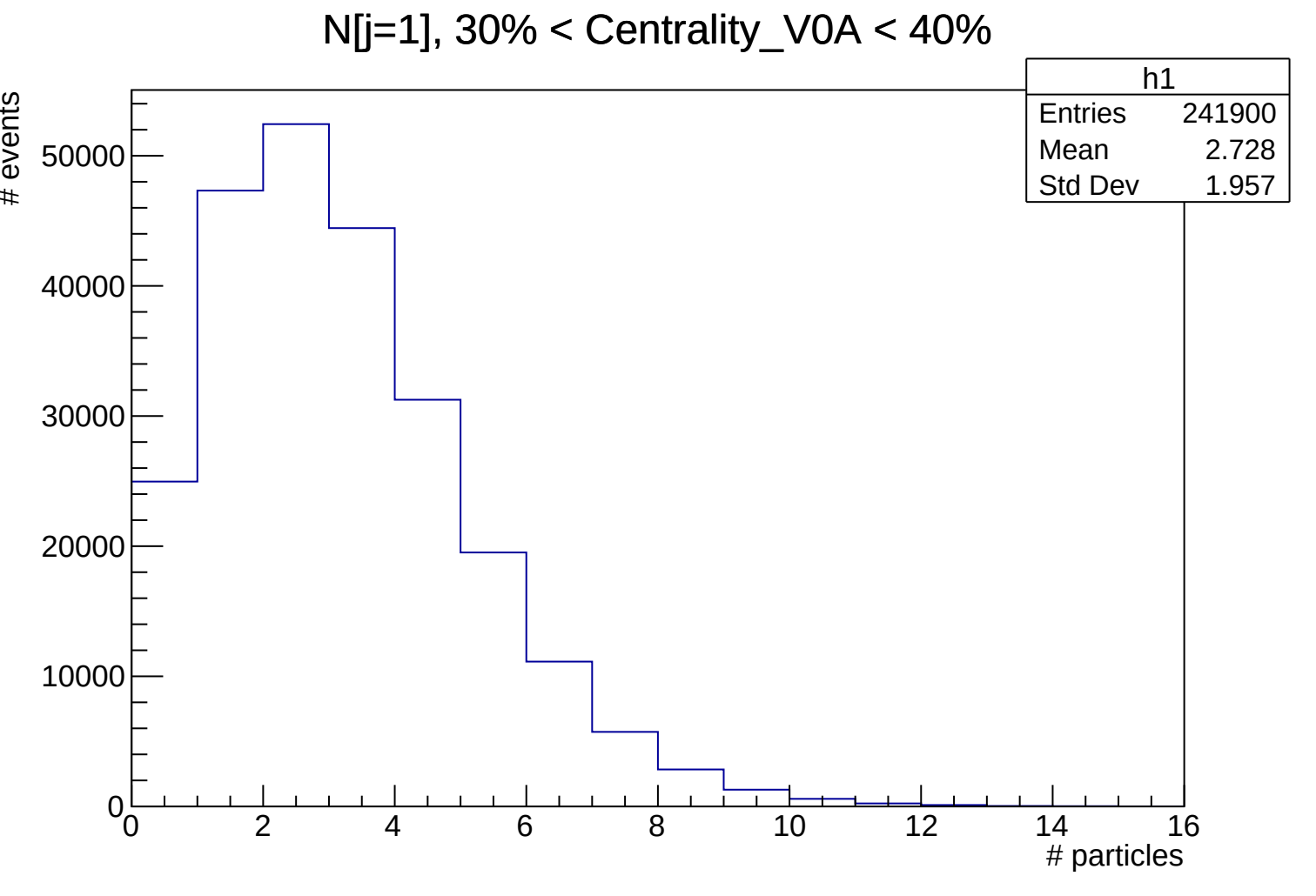
12
14
16
particles


N[j=1], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.728
Std Dev 1.957
events
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40000
30000
20000
10000
0
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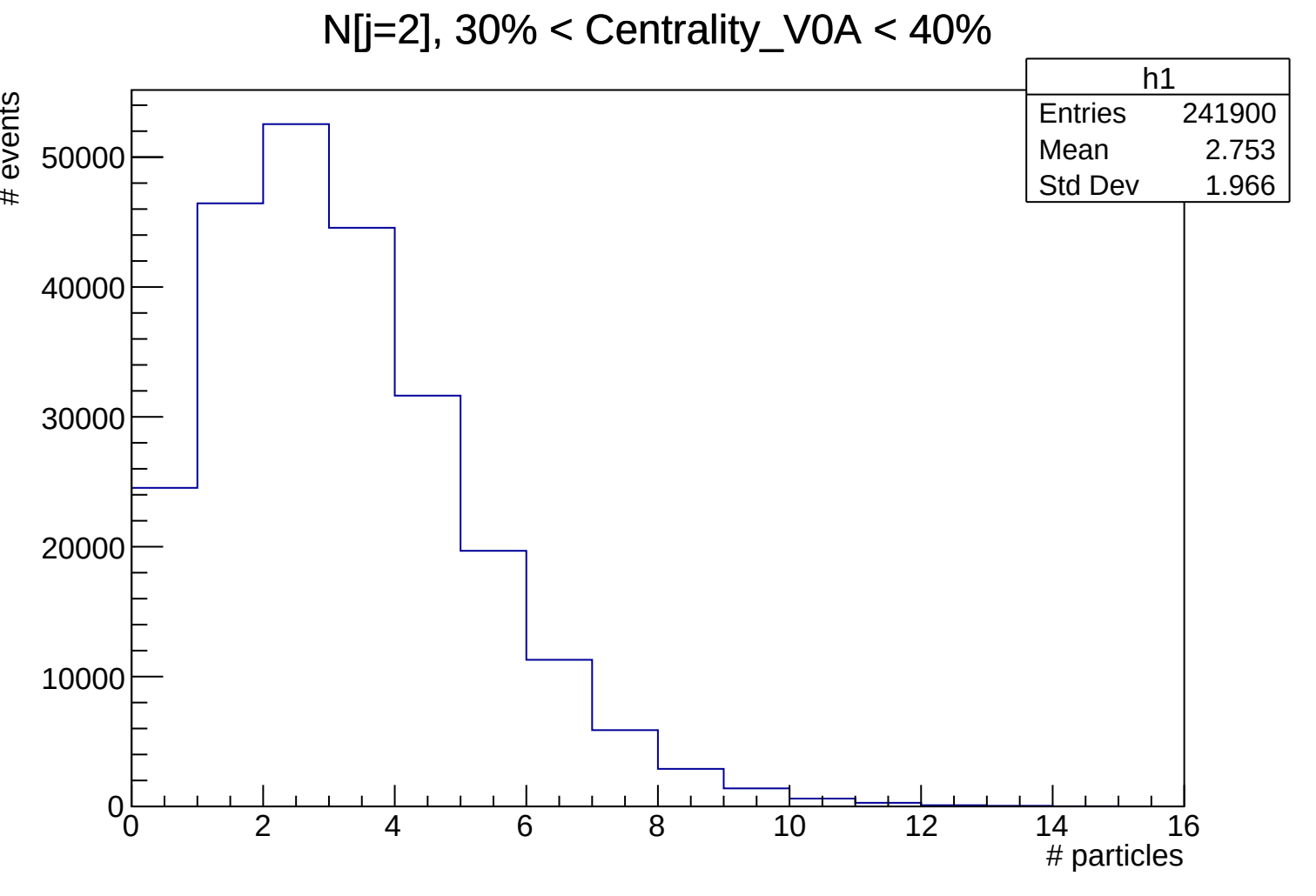
2
4
6
8
10
12
14
16
particles


N[j=2], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.753
Std Dev 1.966
events
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40000
30000
20000
10000
0
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4
6
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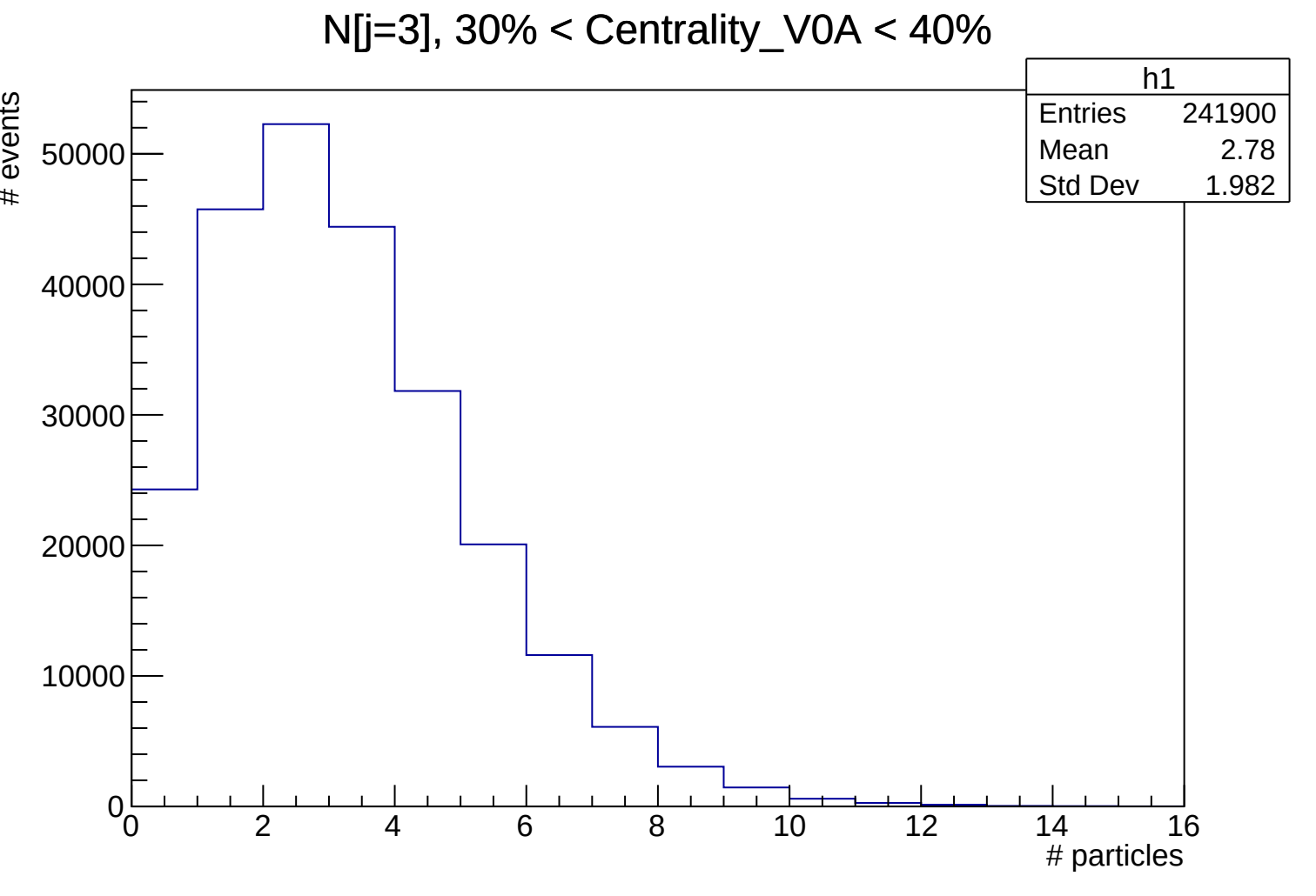
16
particles


N[j=3], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.78
Std Dev 1.982
events
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40000
30000
20000
10000
0
0
2
4
6
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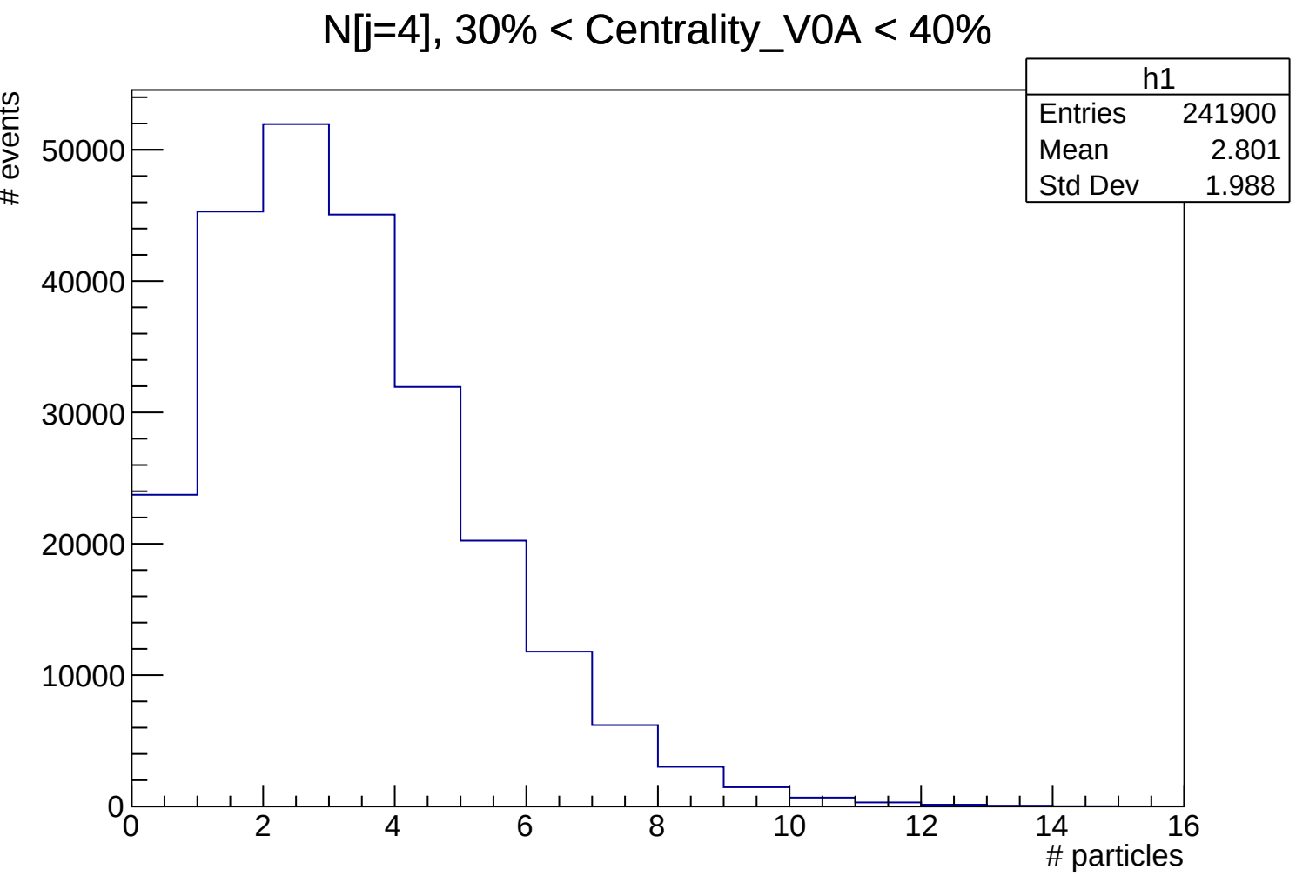
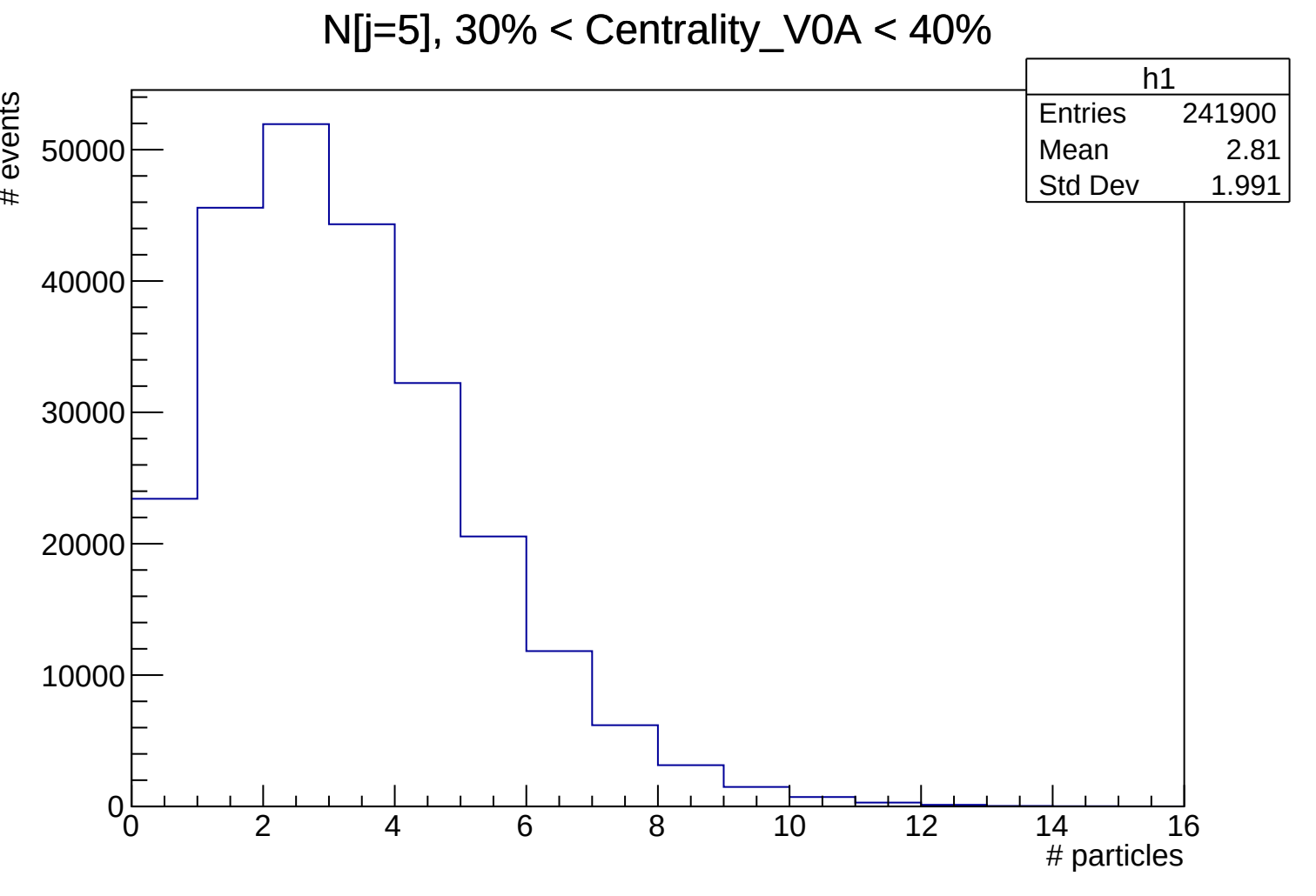
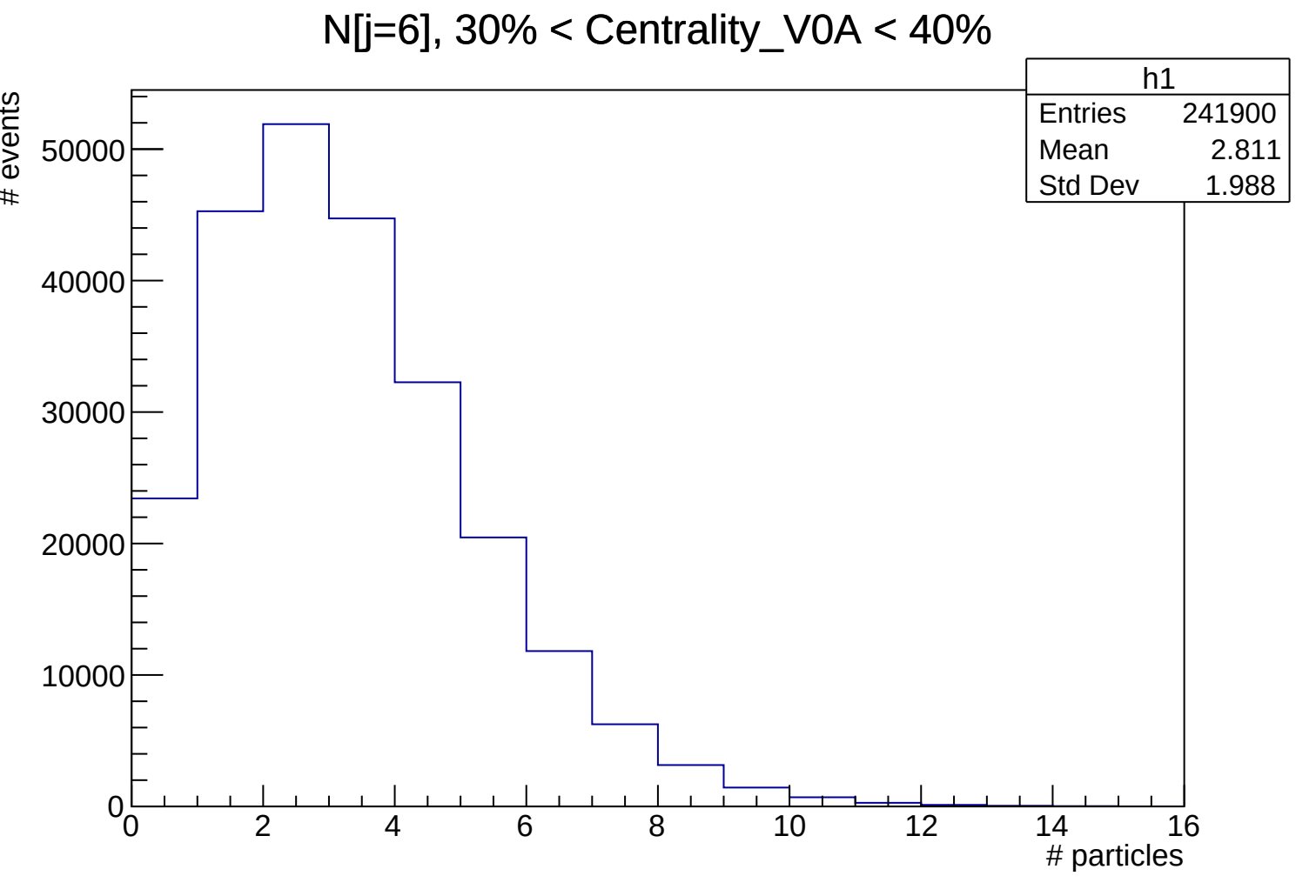
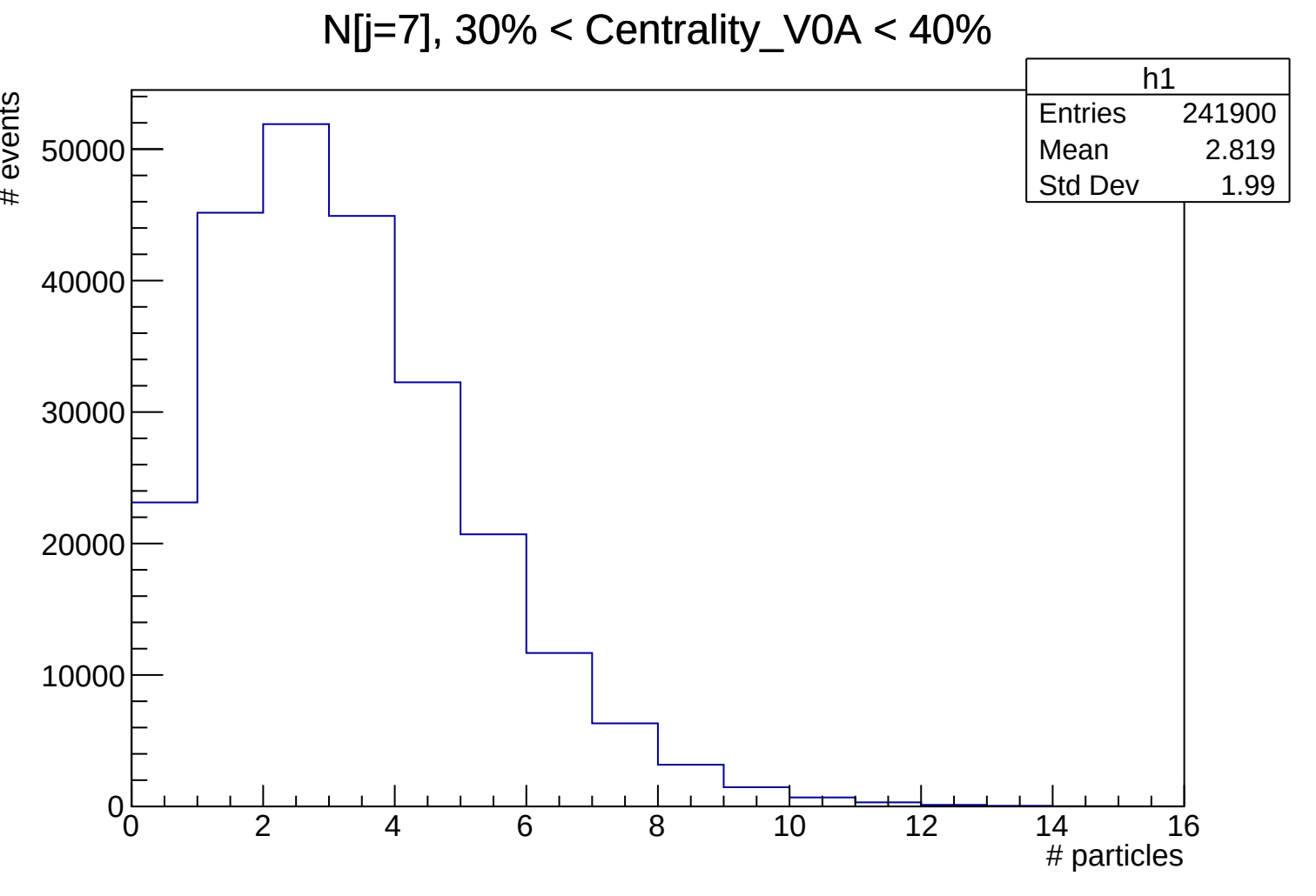
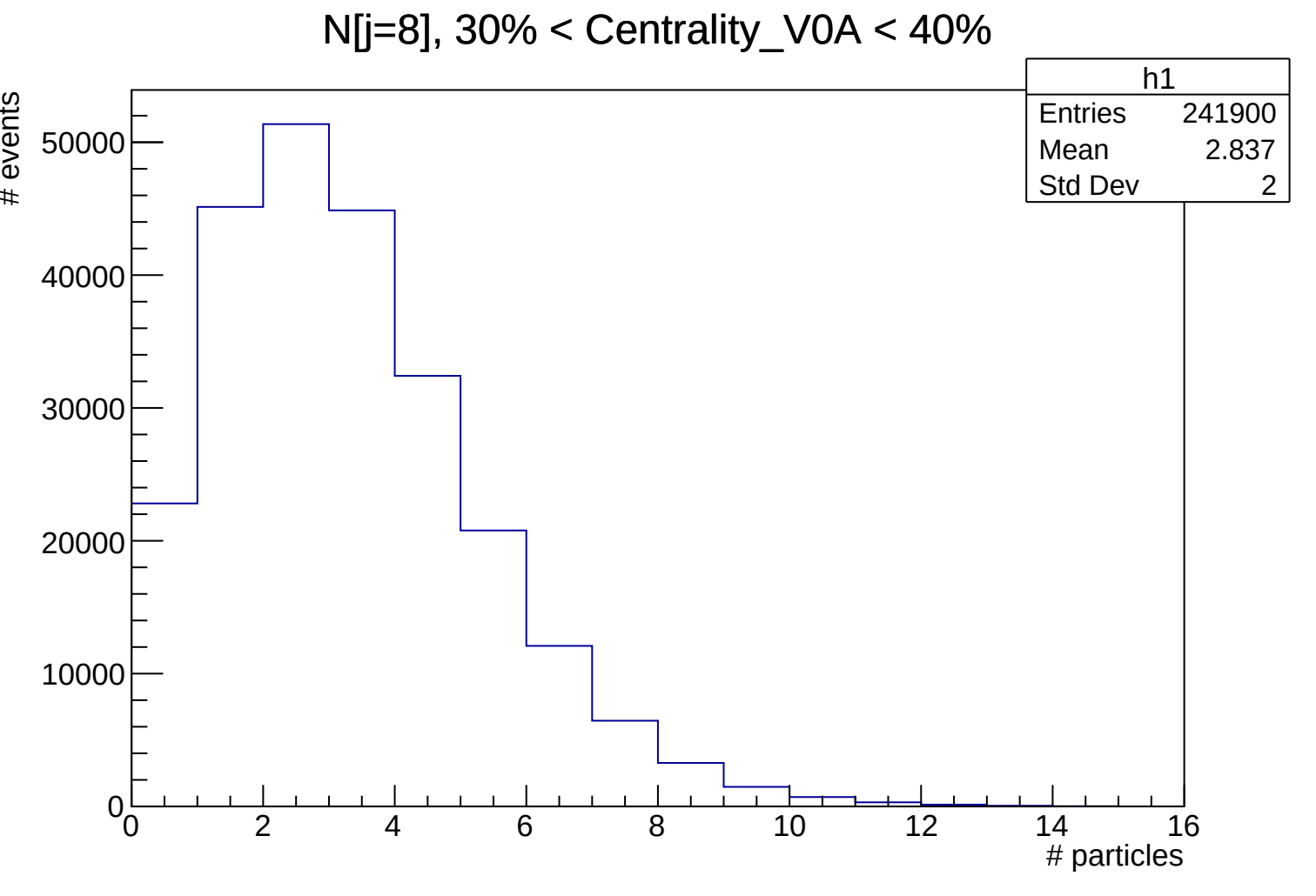
16
particles


N[j=4], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.801
Std Dev 1.988
events
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=5], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.81
Std Dev 1.991
events
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=6], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.811
Std Dev 1.988
events
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=7], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.819
Std Dev 1.99
events
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=8], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.837
Std Dev 2
events
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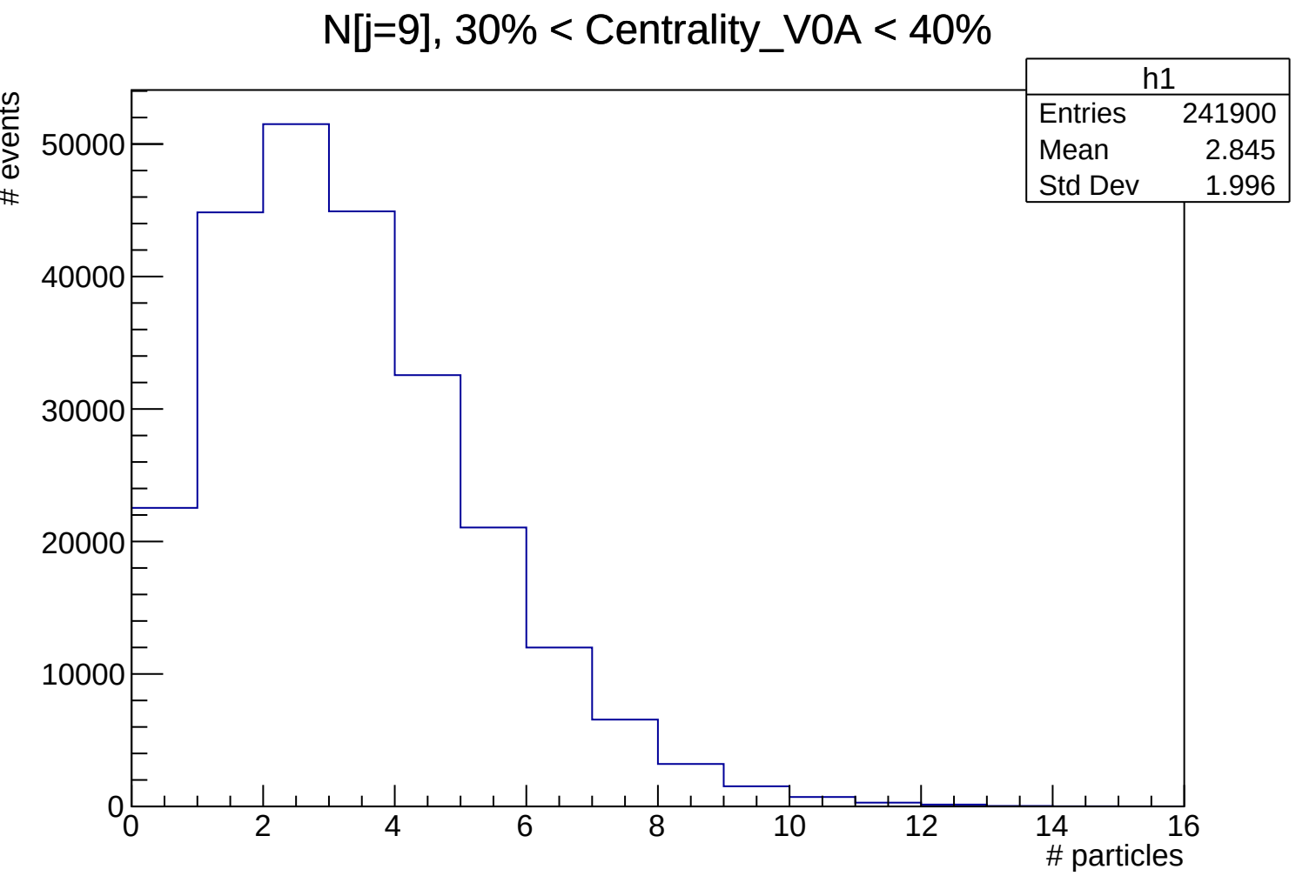
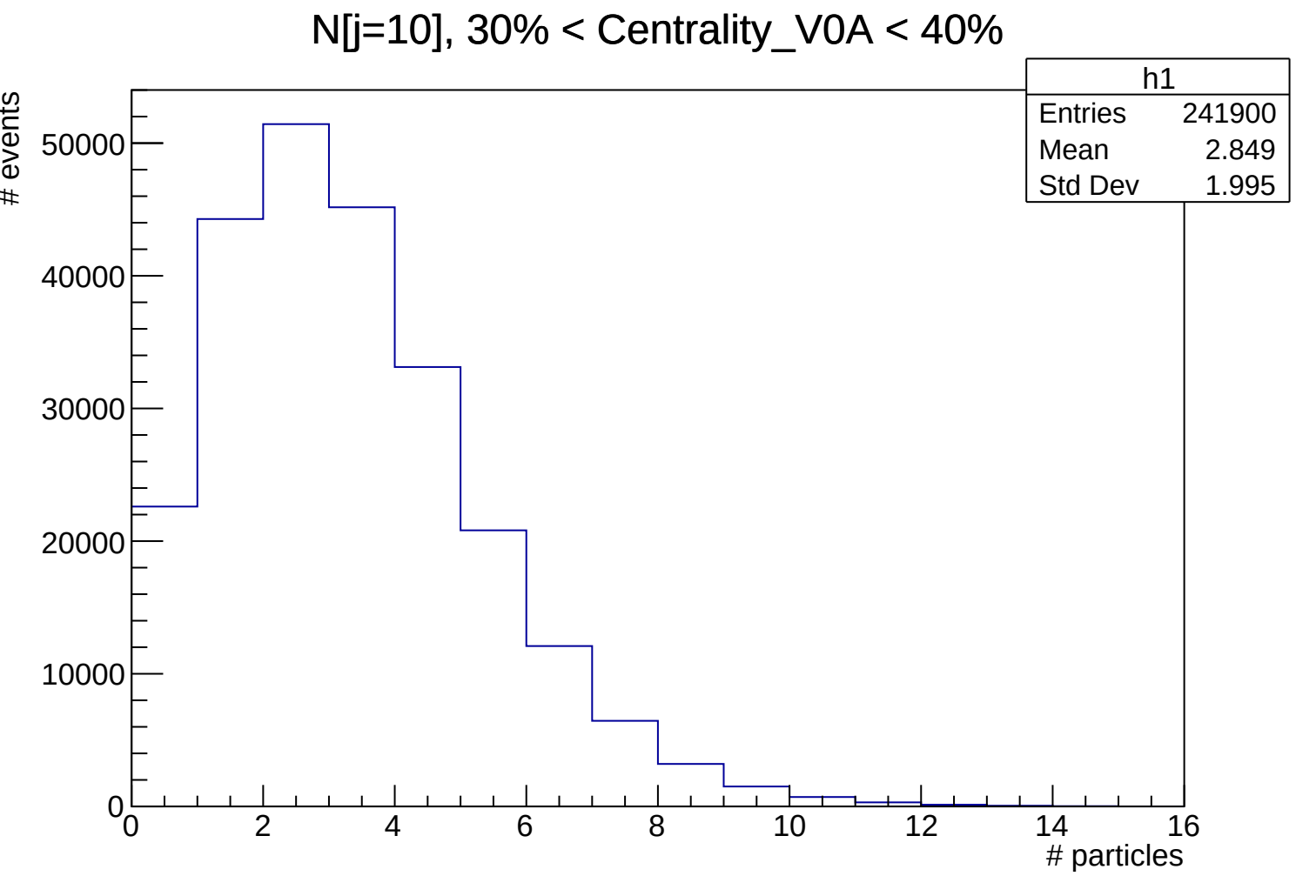
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=9], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.845
Std Dev 1.996
events
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=10], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.849
Std Dev 1.995
events
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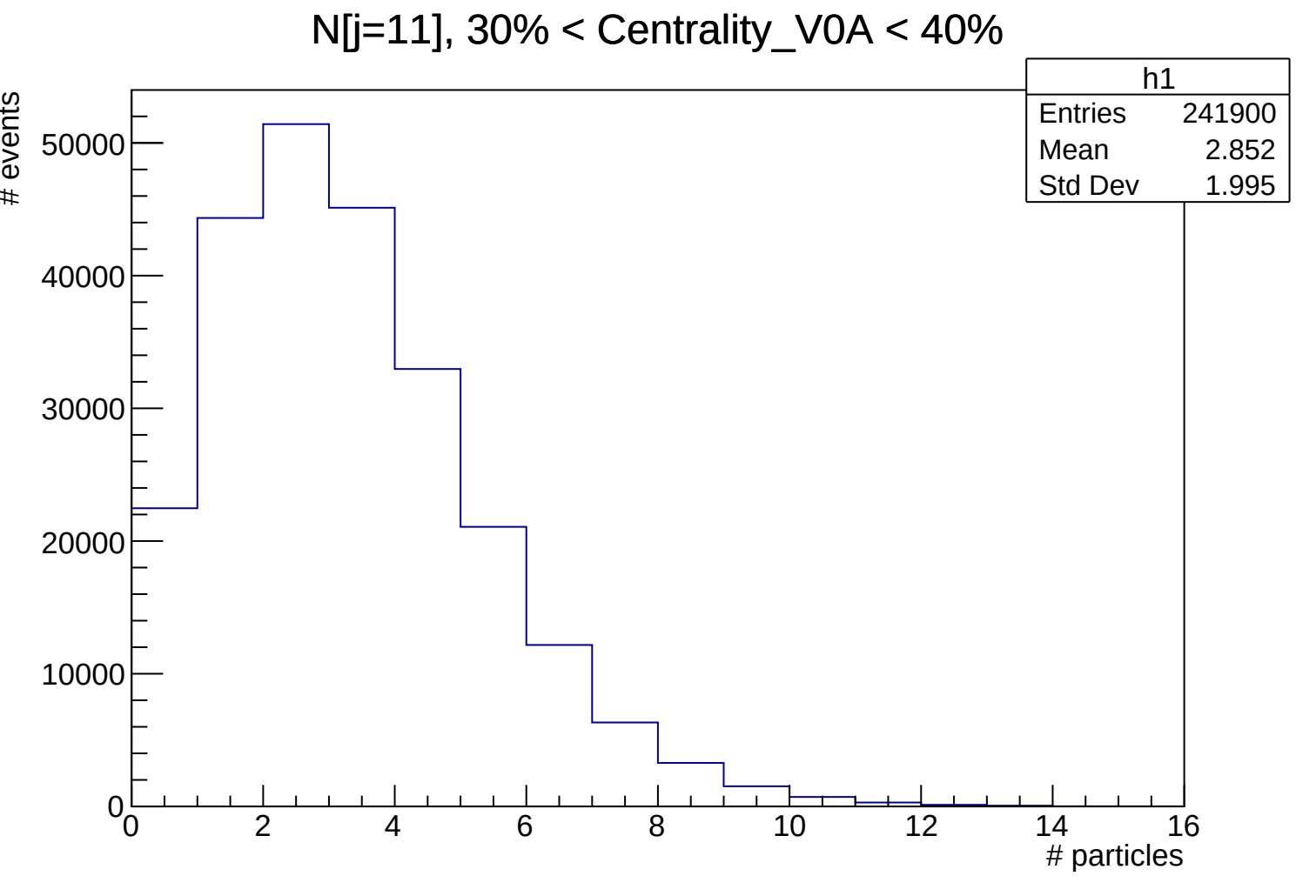
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=11], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.852
Std Dev 1.995
events
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40000
30000
20000
10000
0
0
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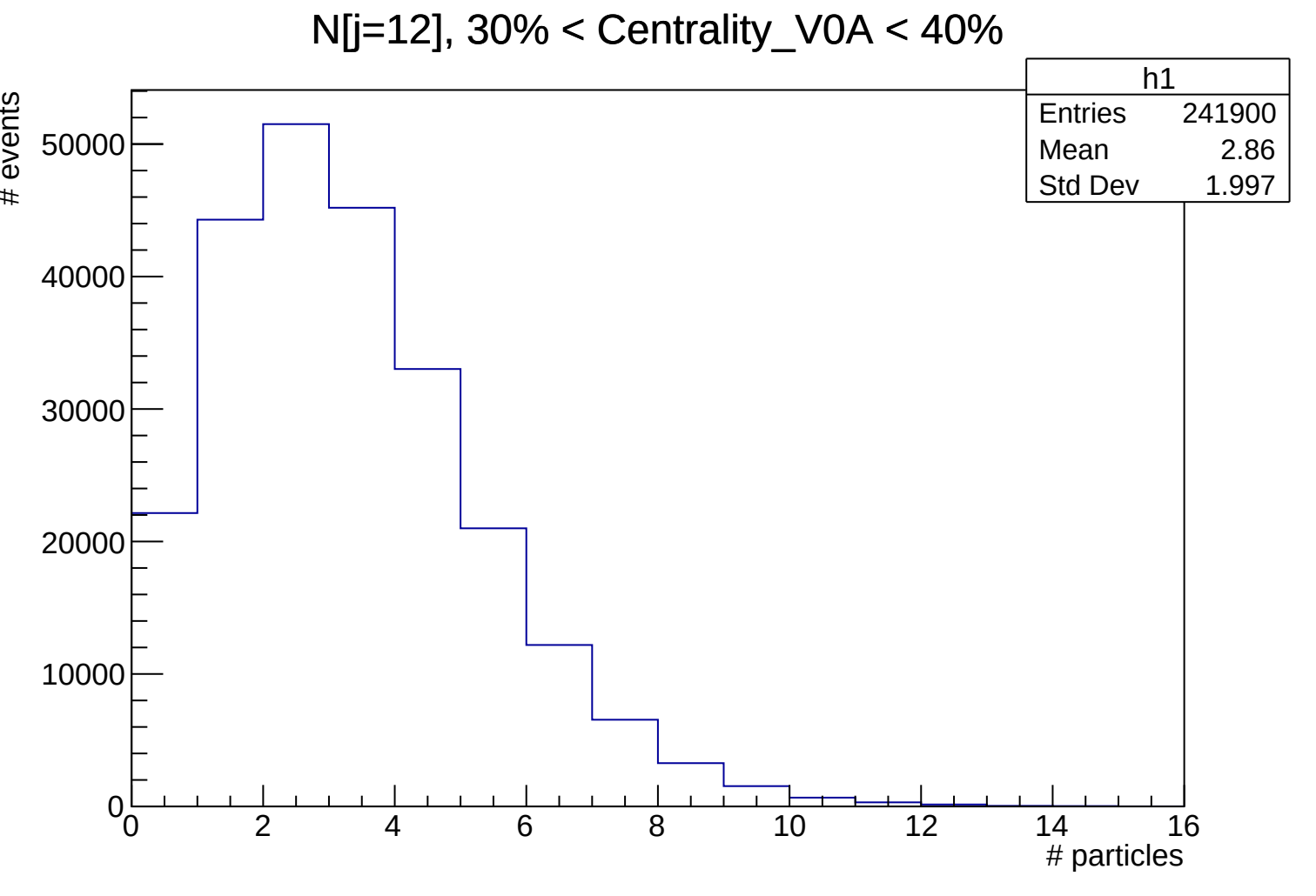
4
6
8
10
12
14
16
particles


N[j=12], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.86
Std Dev 1.997
events
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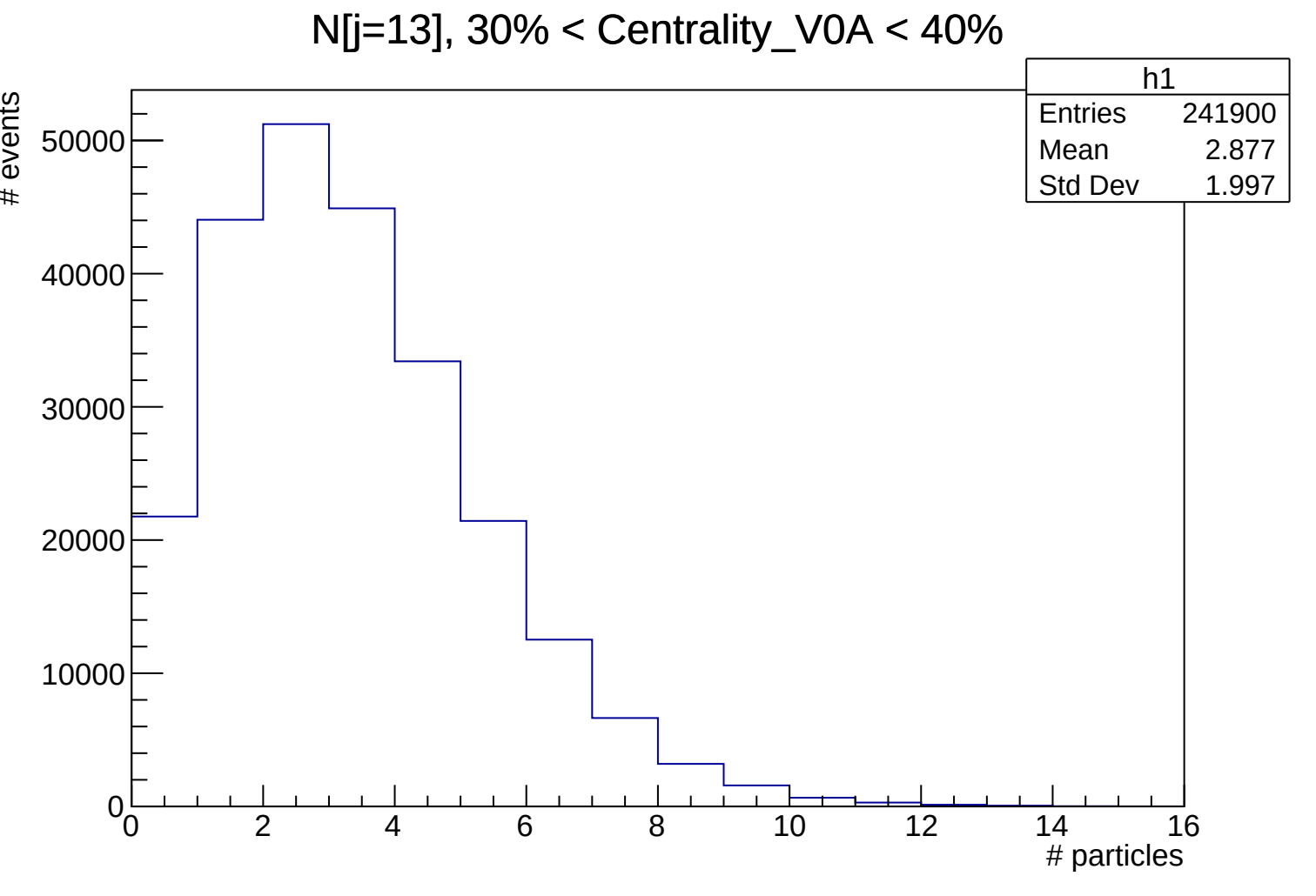
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=13], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.877
Std Dev 1.997
events
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40000
30000
20000
10000
0
0
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4
6
8
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12
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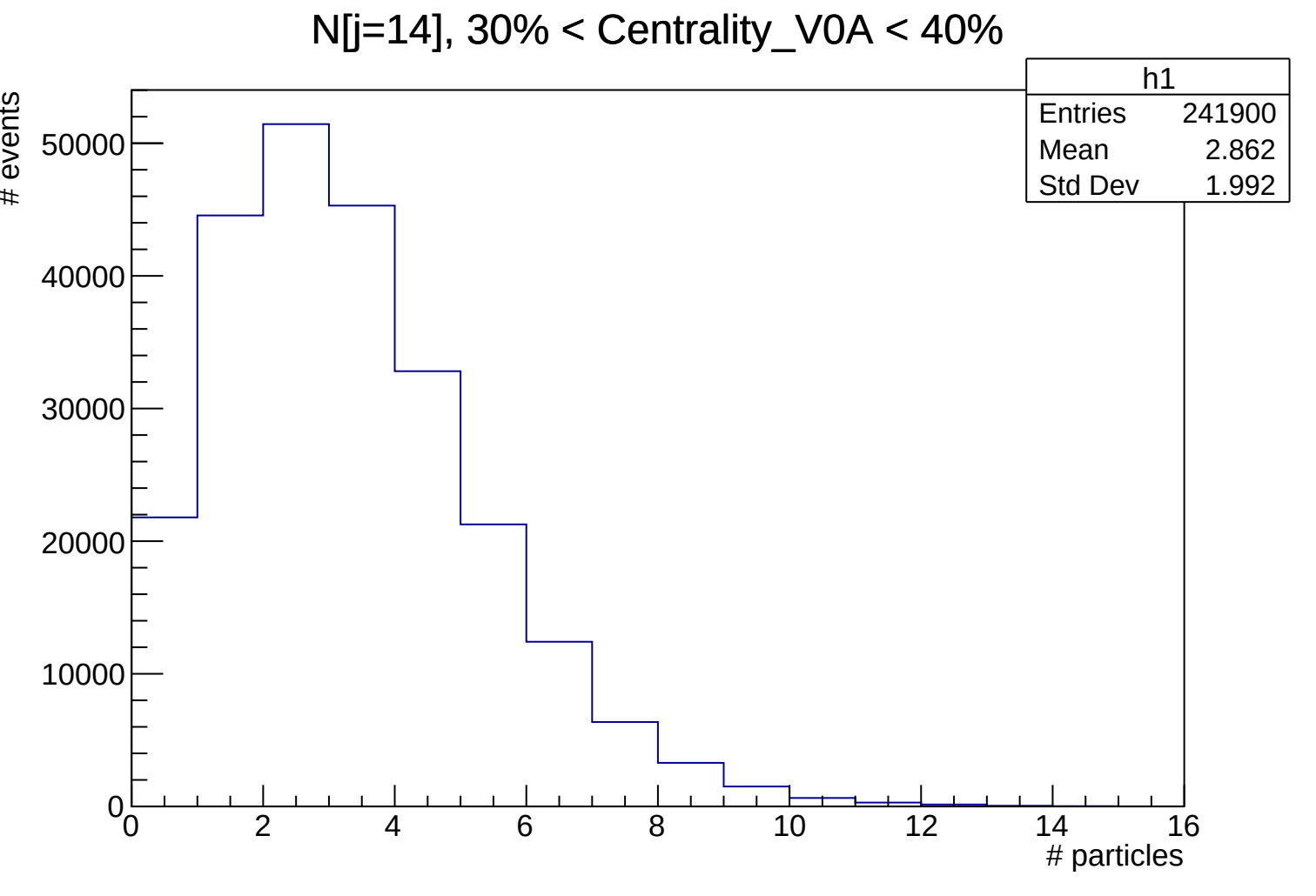
16
particles


N[j=14], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.862
Std Dev 1.992
events
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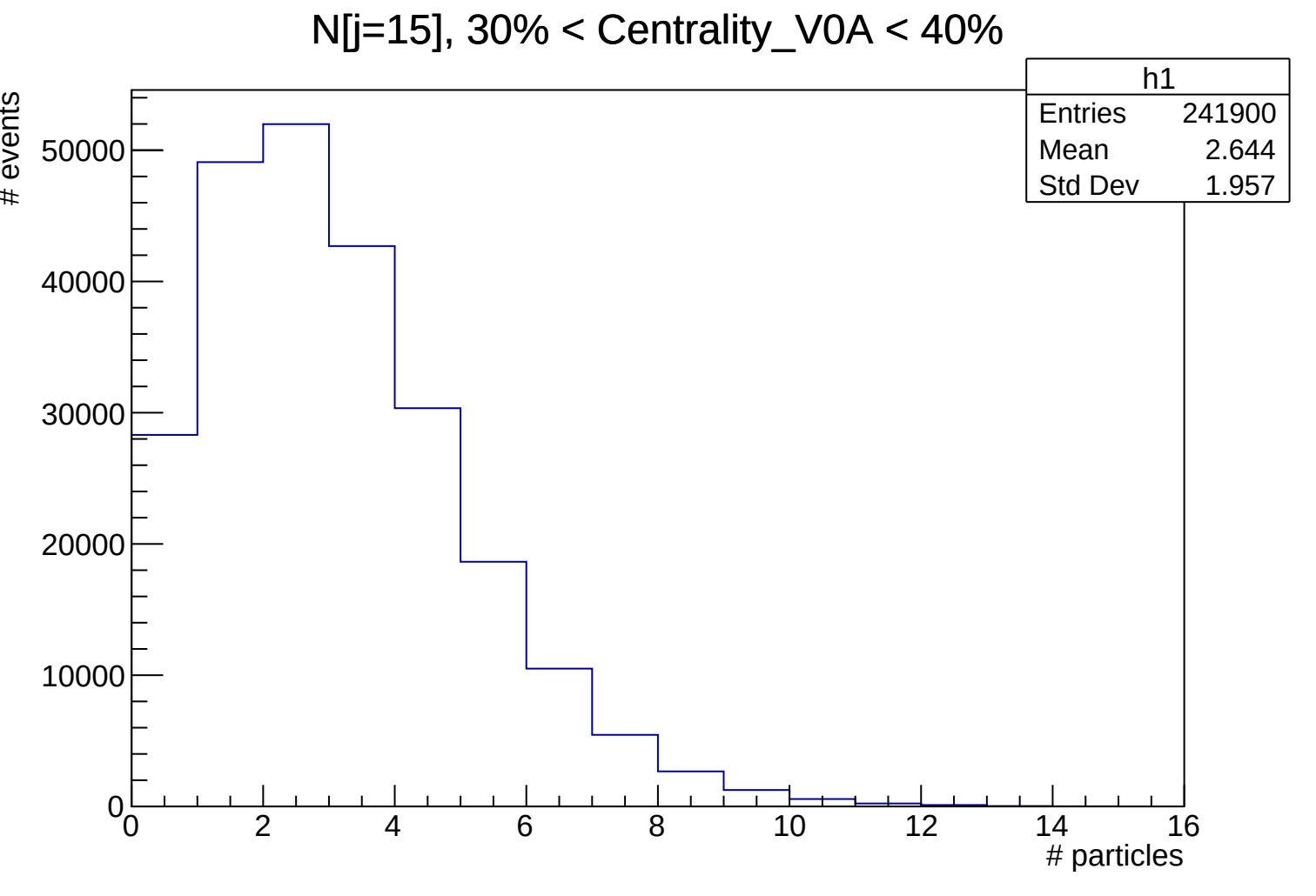
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=15], 30% < Centrality_V0A < 40%
h1
Entries 241900
Mean 2.644
Std Dev 1.957
events
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40000
30000
20000
10000
0
0
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4
6
8
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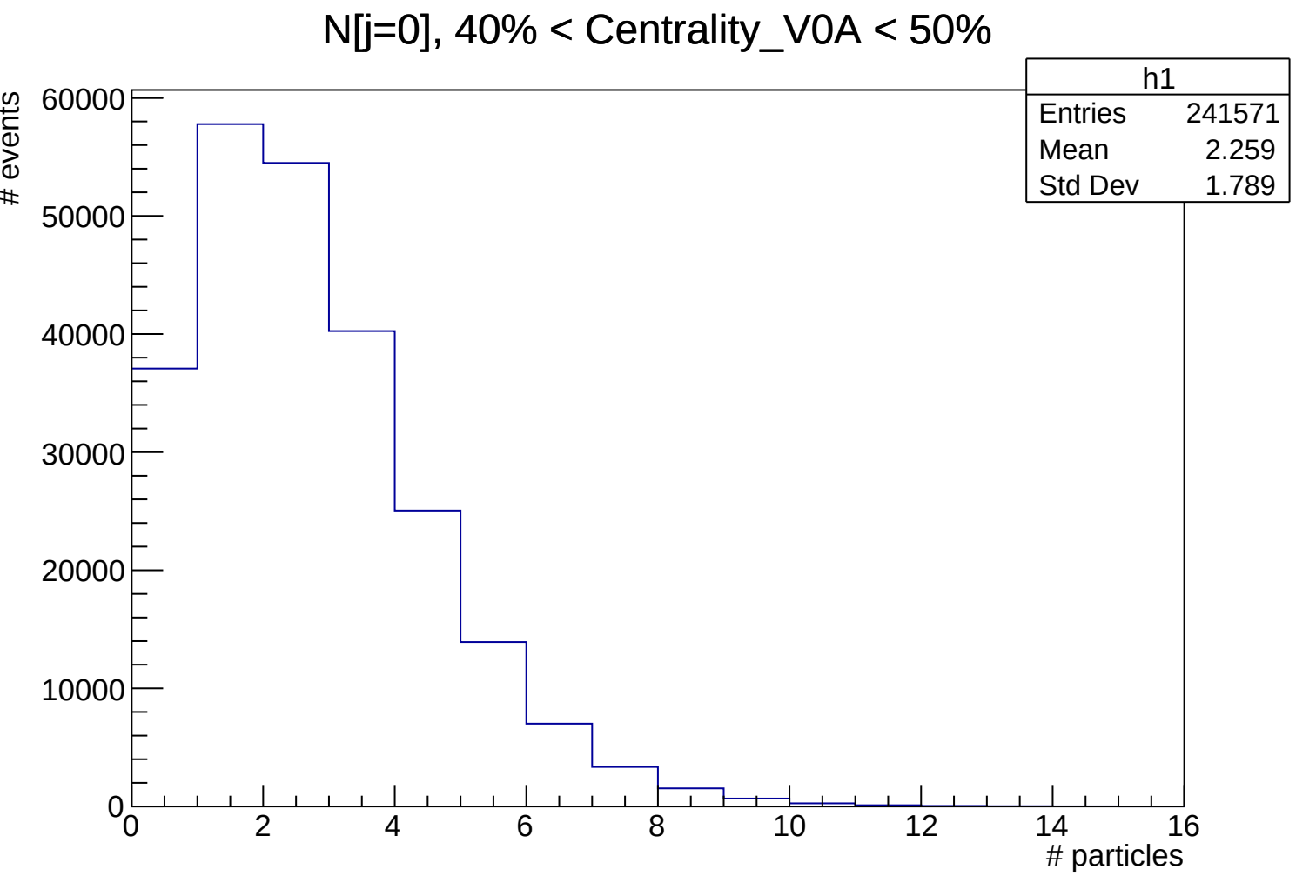
12
14
16
particles


N[j=0], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.259
Std Dev 1.789
events
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40000
30000
20000
10000
0
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4
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8
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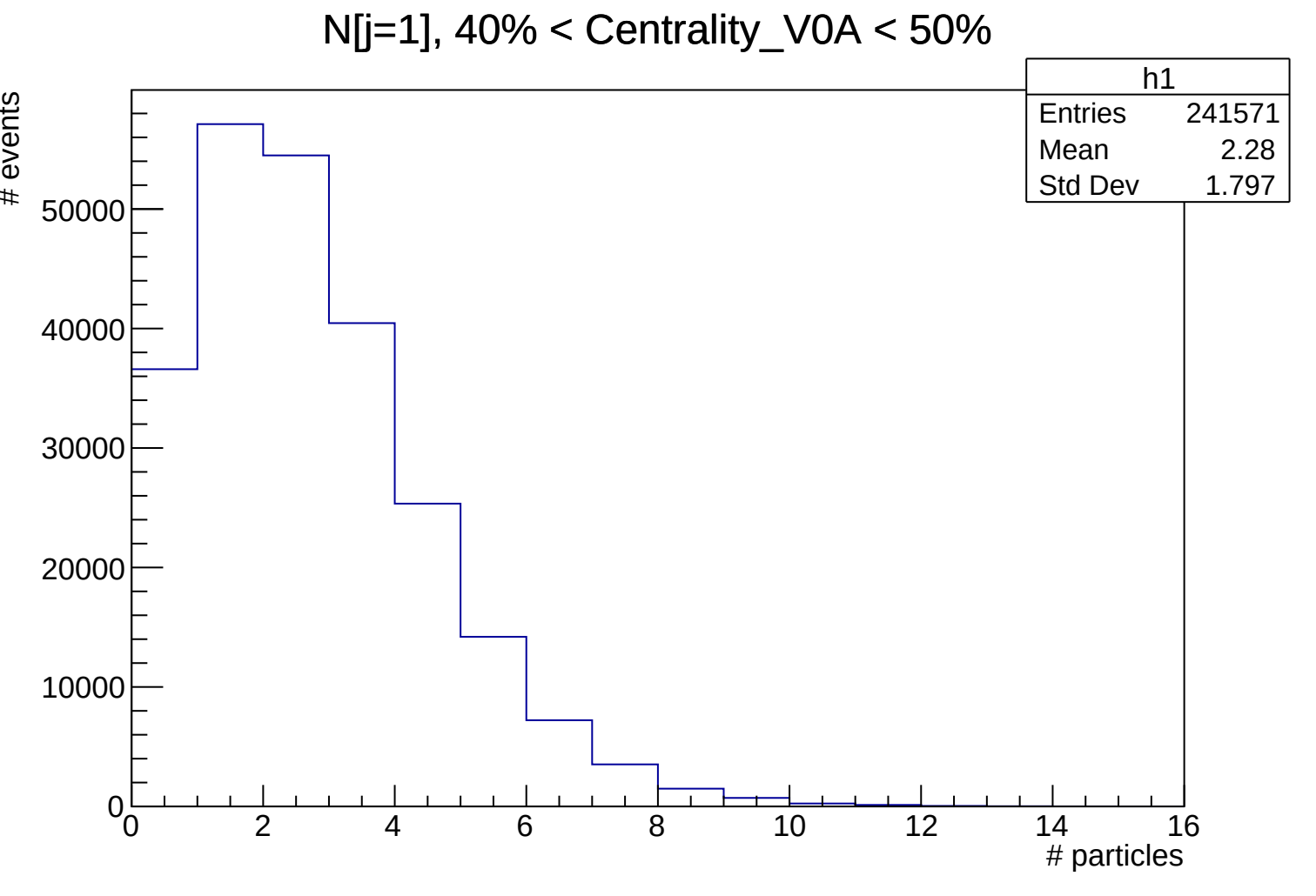
16
particles


N[j=1], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.28
Std Dev 1.797
events
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40000
30000
20000
10000
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0
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4
6
8
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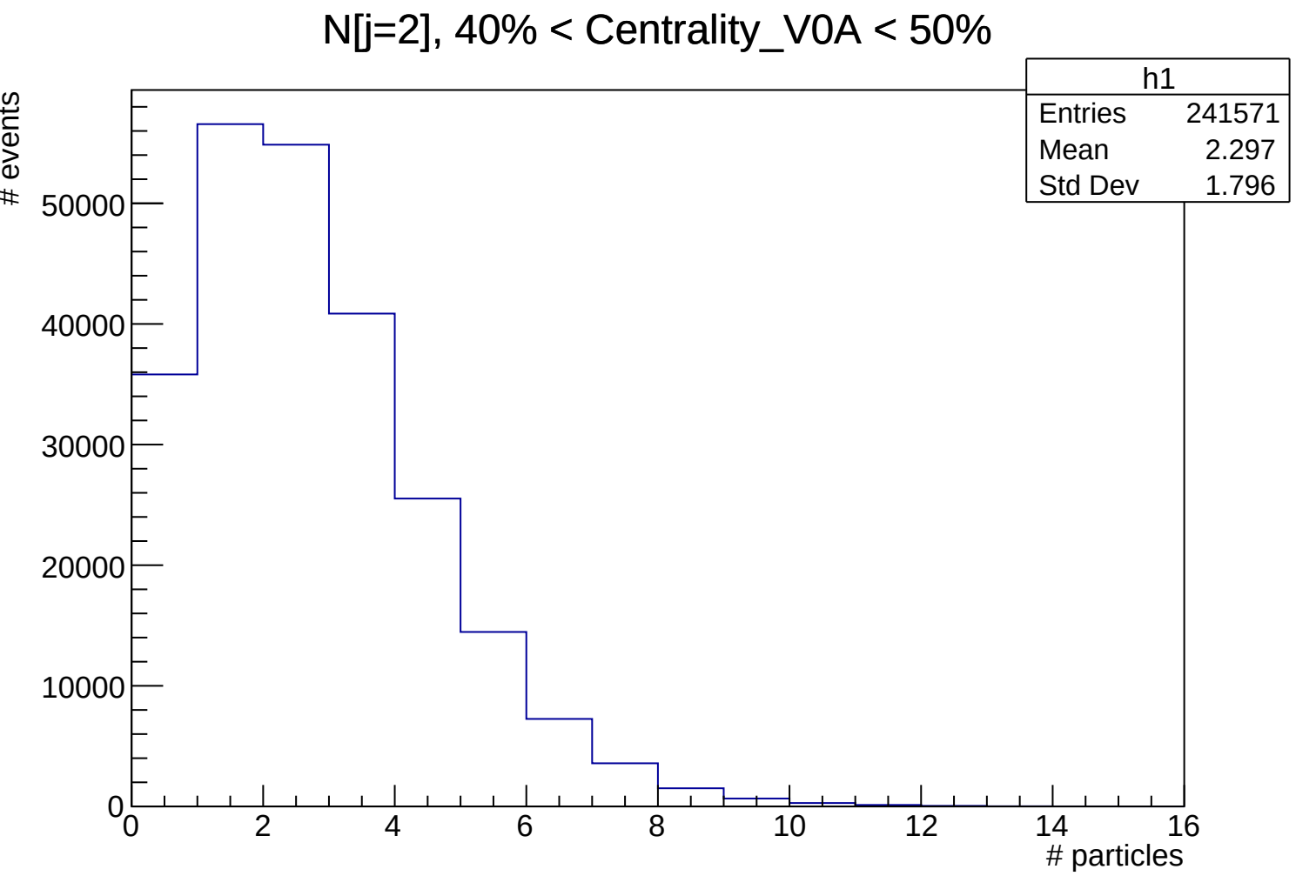
16
particles


N[j=2], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.297
Std Dev 1.796
events
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30000
20000
10000
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4
6
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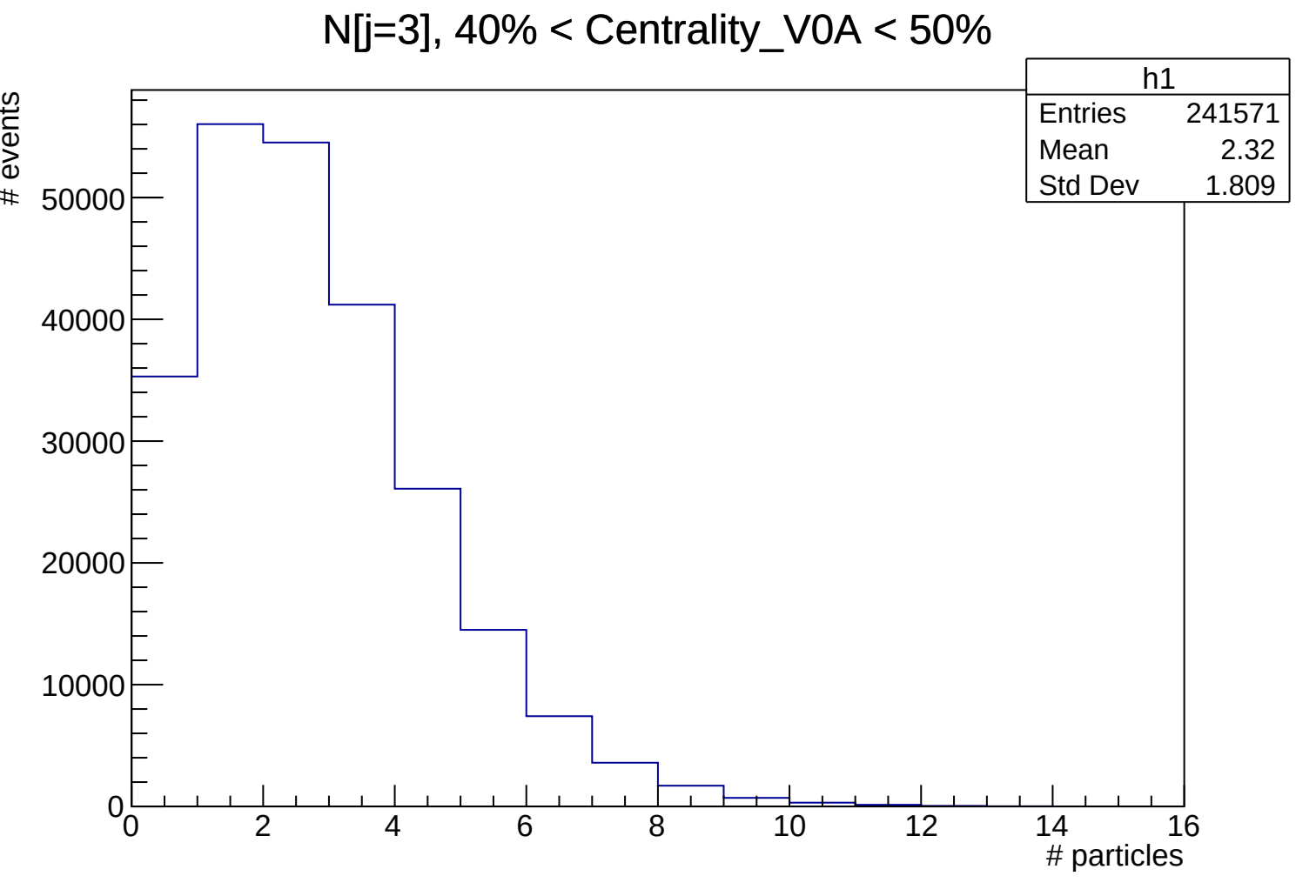
16
particles


N[j=3], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.32
Std Dev 1.809
events
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40000
30000
20000
10000
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4
6
8
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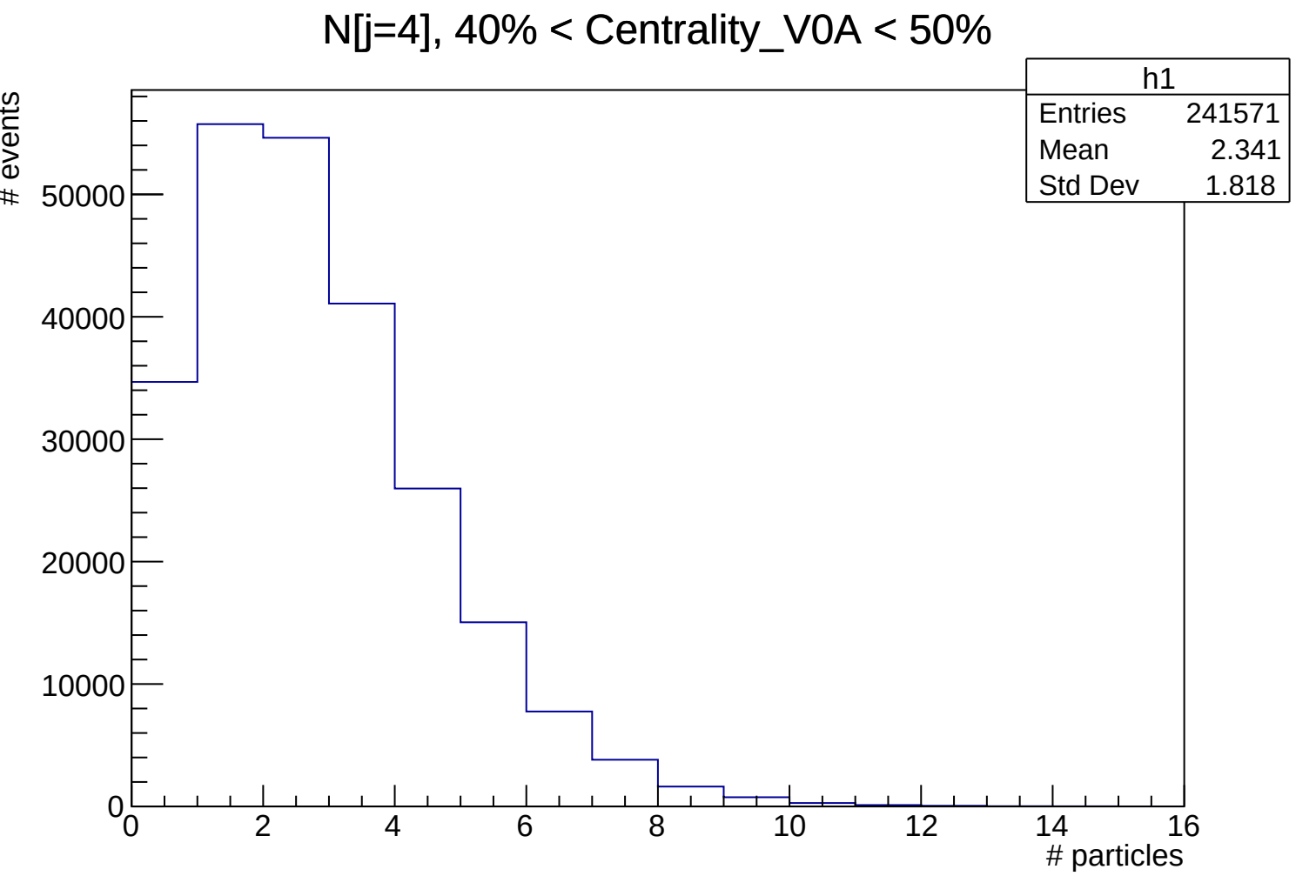
14
16
particles


N[j=4], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.341
Std Dev 1.818
events
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40000
30000
20000
10000
0
0
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4
6
8
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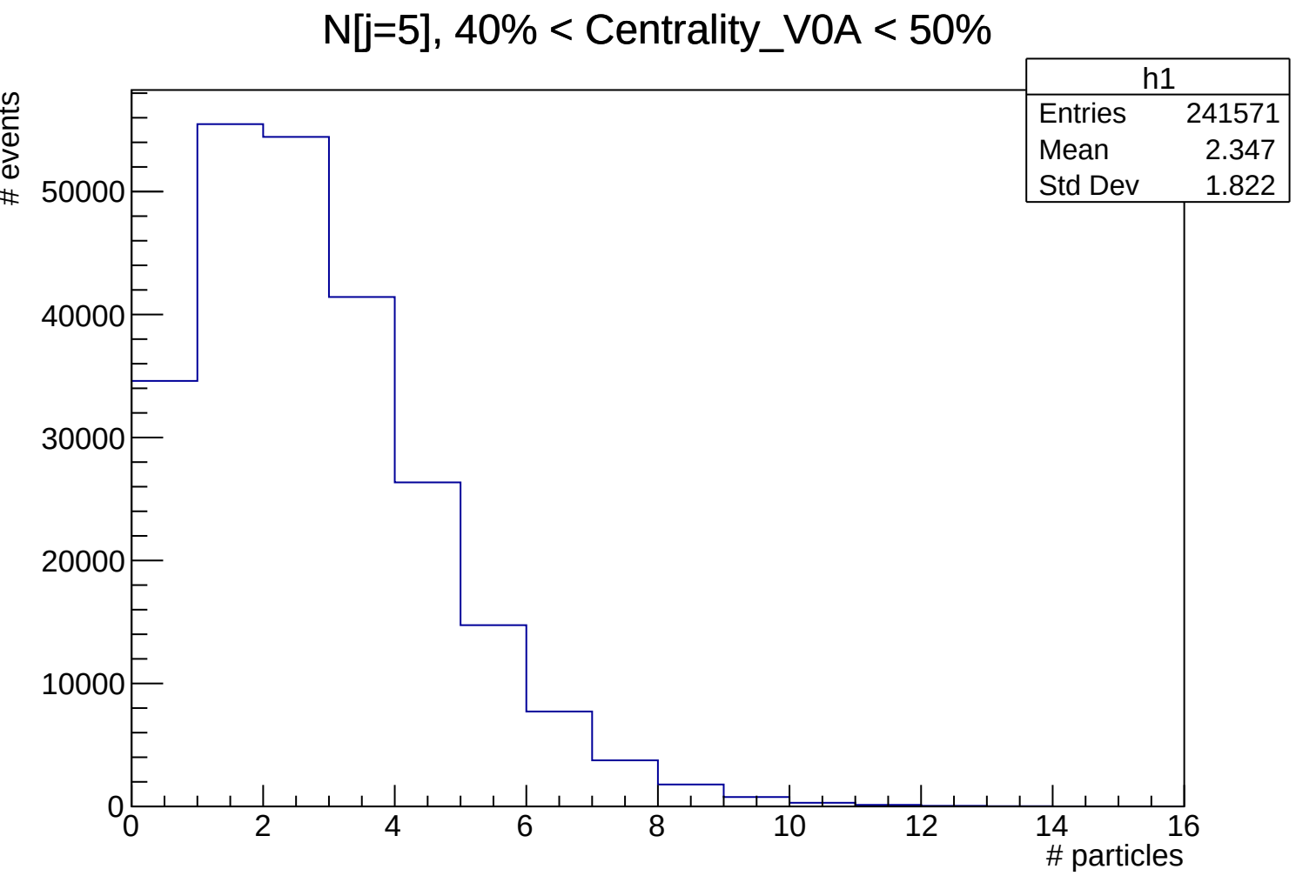
12
14
16
particles


N[j=5], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.347
Std Dev 1.822
events
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40000
30000
20000
10000
0
0
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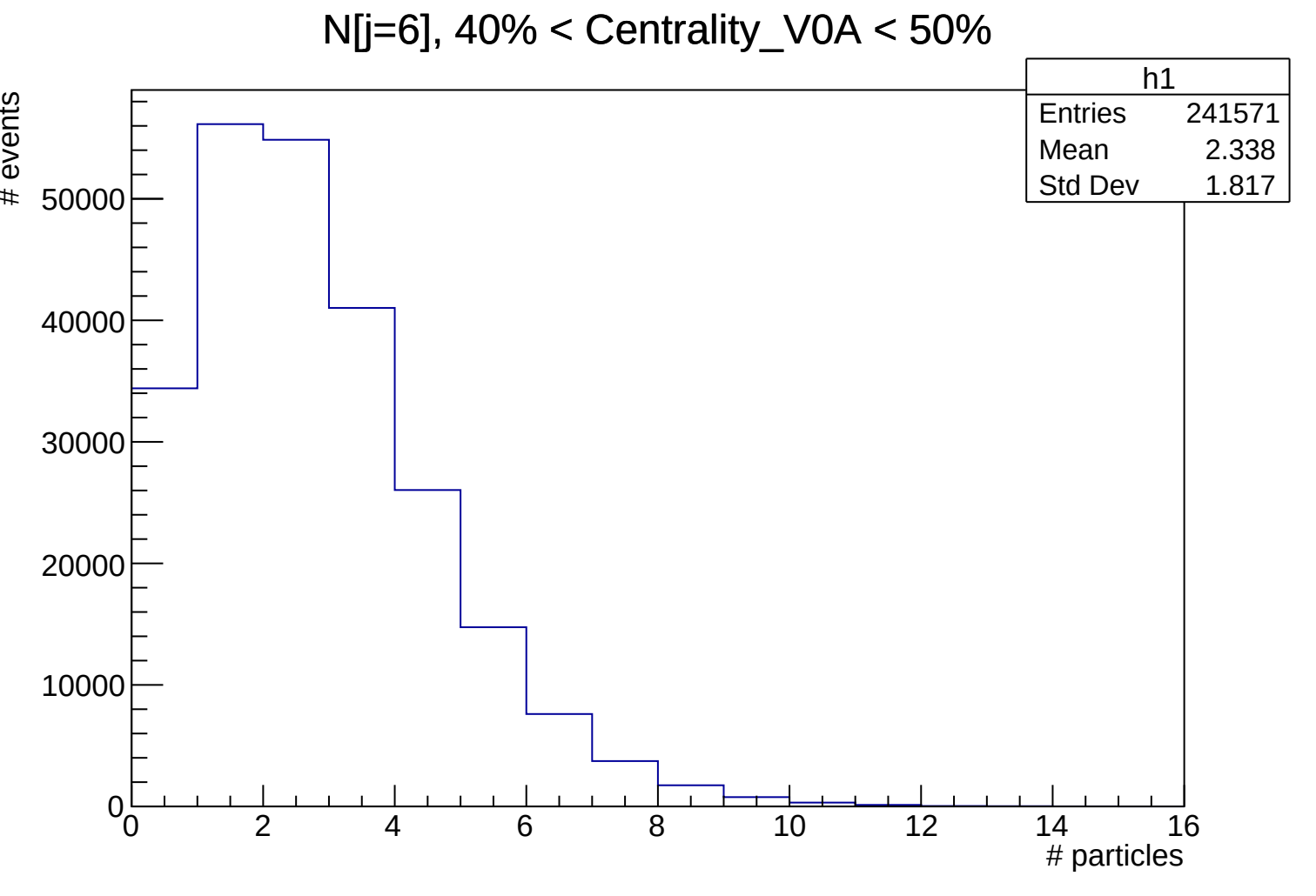
4
6
8
10
12
14
16
particles


N[j=6], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.338
Std Dev 1.817
events
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40000
30000
20000
10000
0
0
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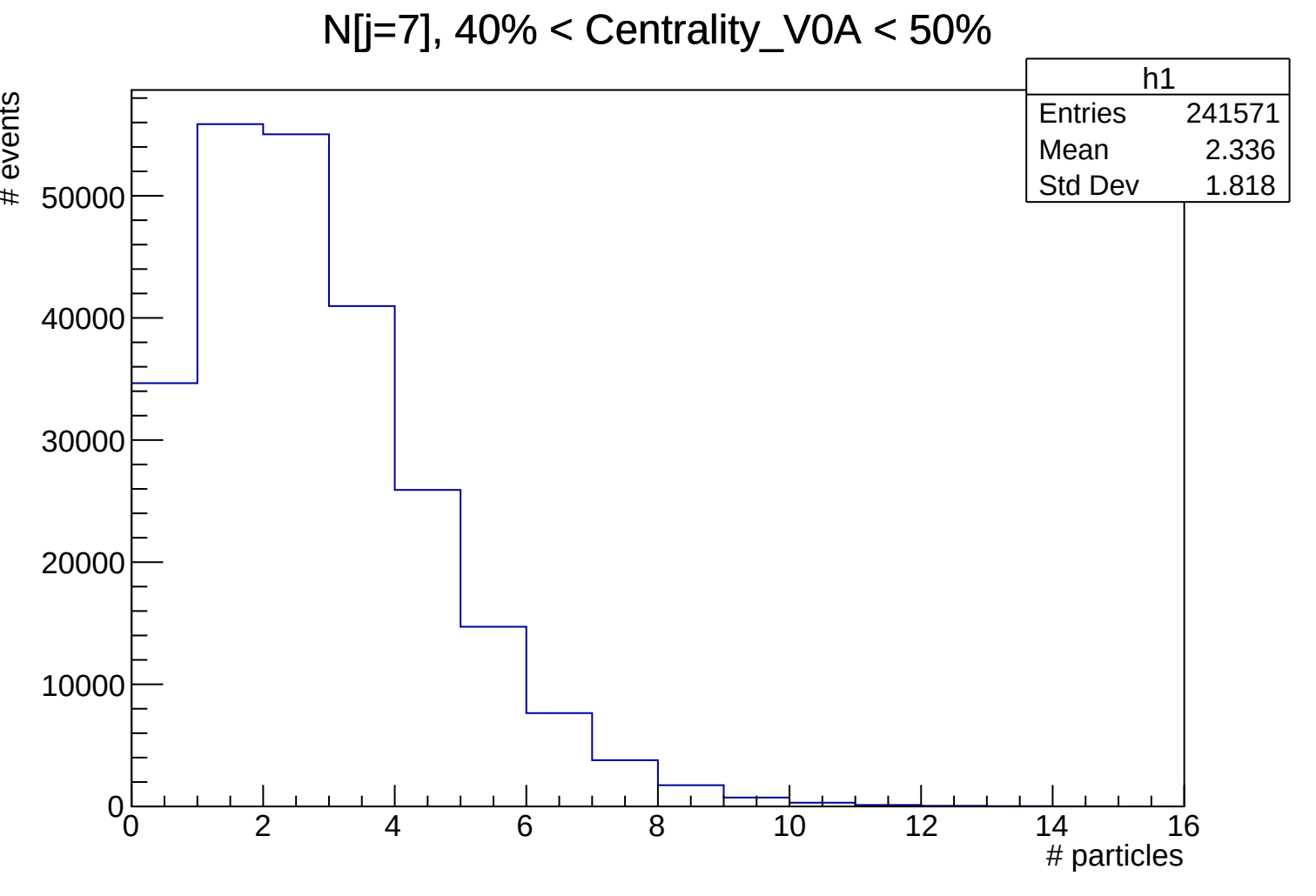
4
6
8
10
12
14
16
particles


N[j=7], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.336
Std Dev 1.818
events
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40000
30000
20000
10000
0
0
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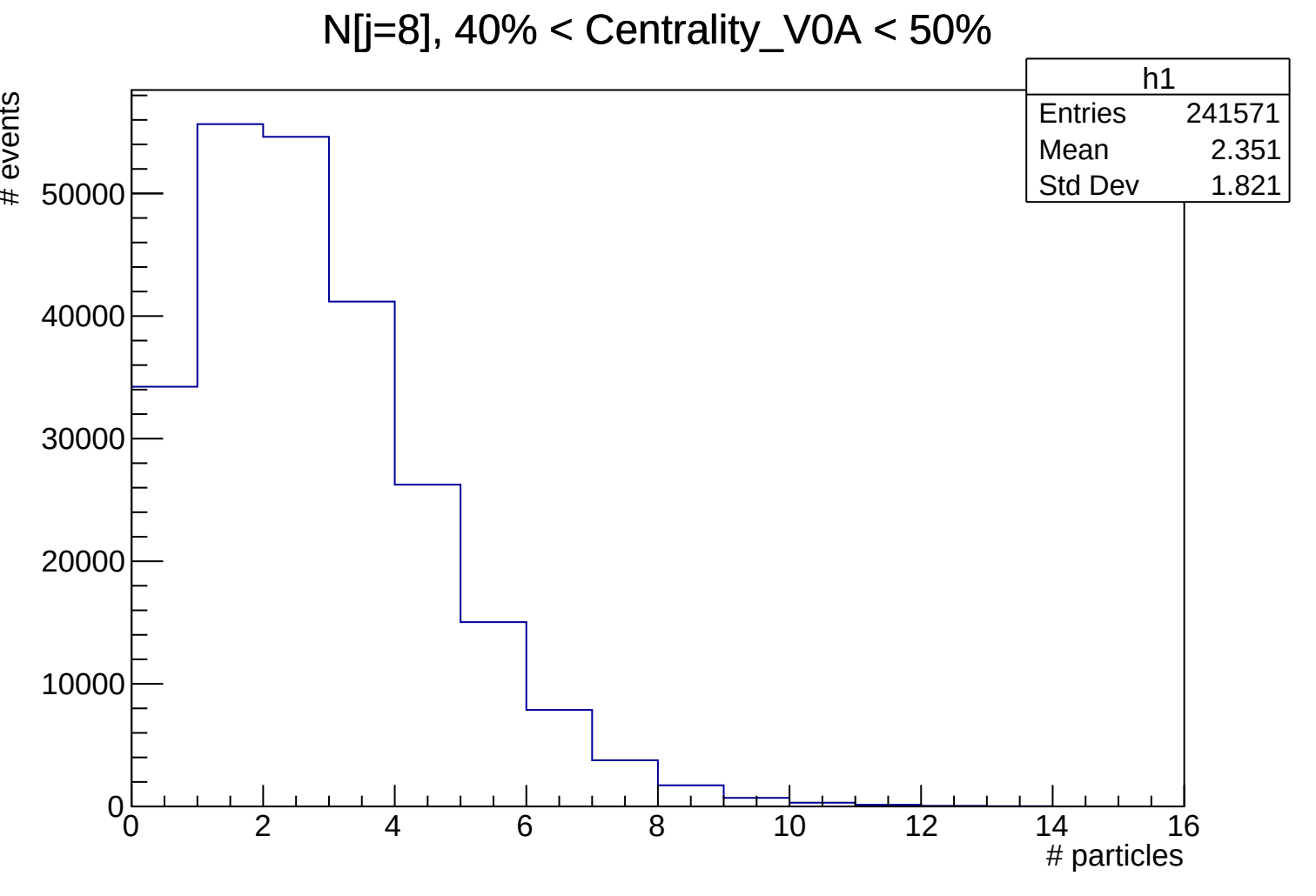
4
6
8
10
12
14
16
particles


N[j=8], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.351
Std Dev 1.821
events
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40000
30000
20000
10000
0
0
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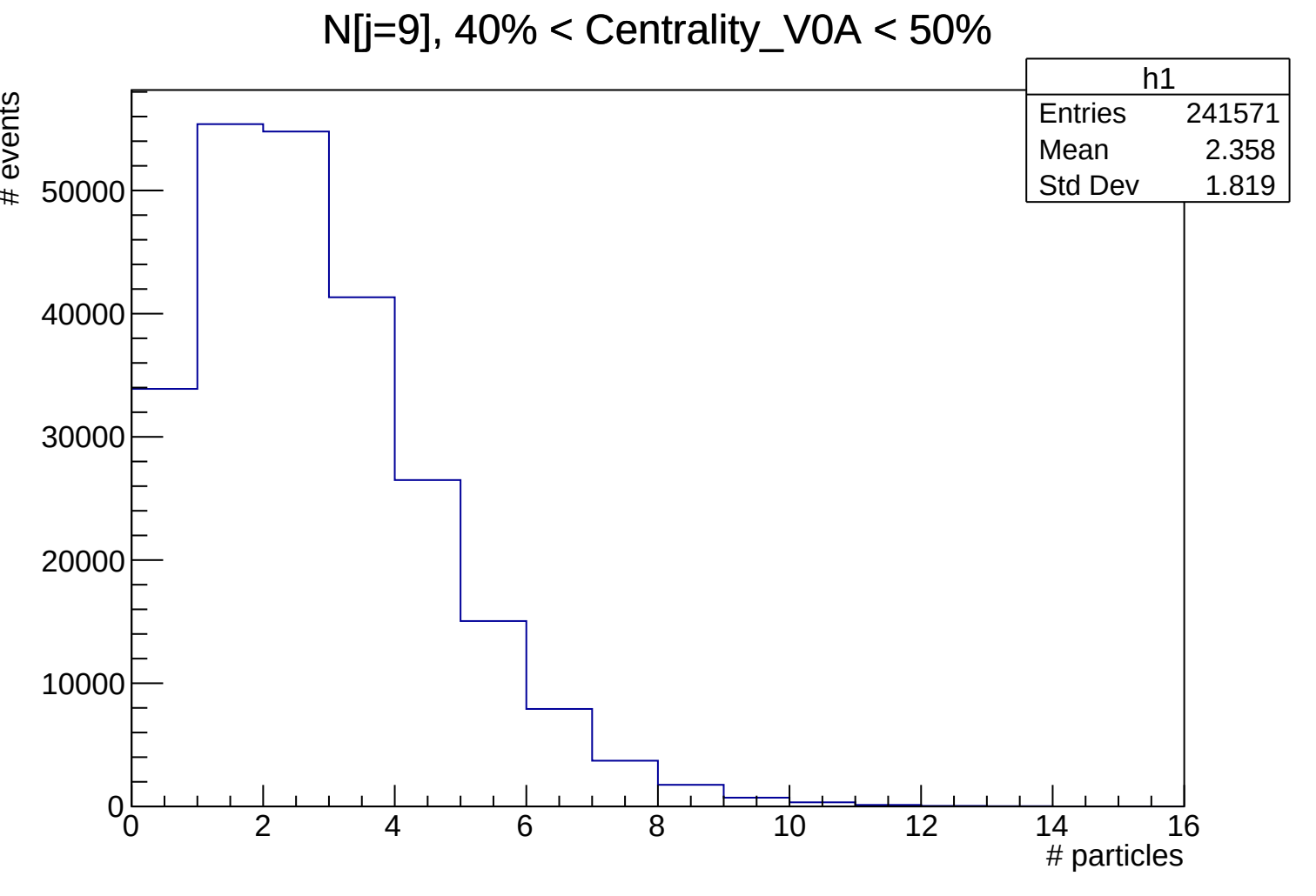
4
6
8
10
12
14
16
particles


N[j=9], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.358
Std Dev 1.819
events
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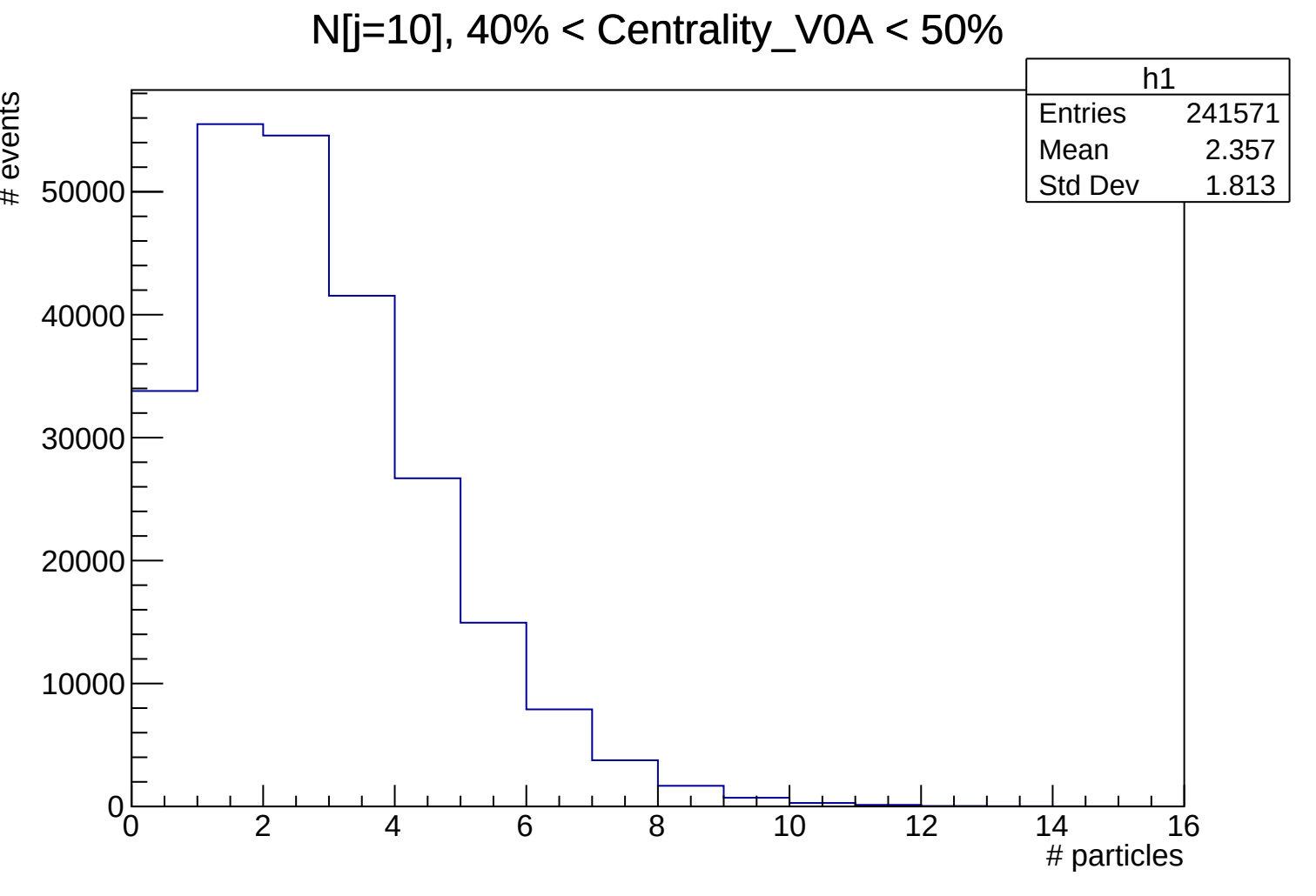
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=10], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.357
Std Dev 1.813
events
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40000
30000
20000
10000
0
0
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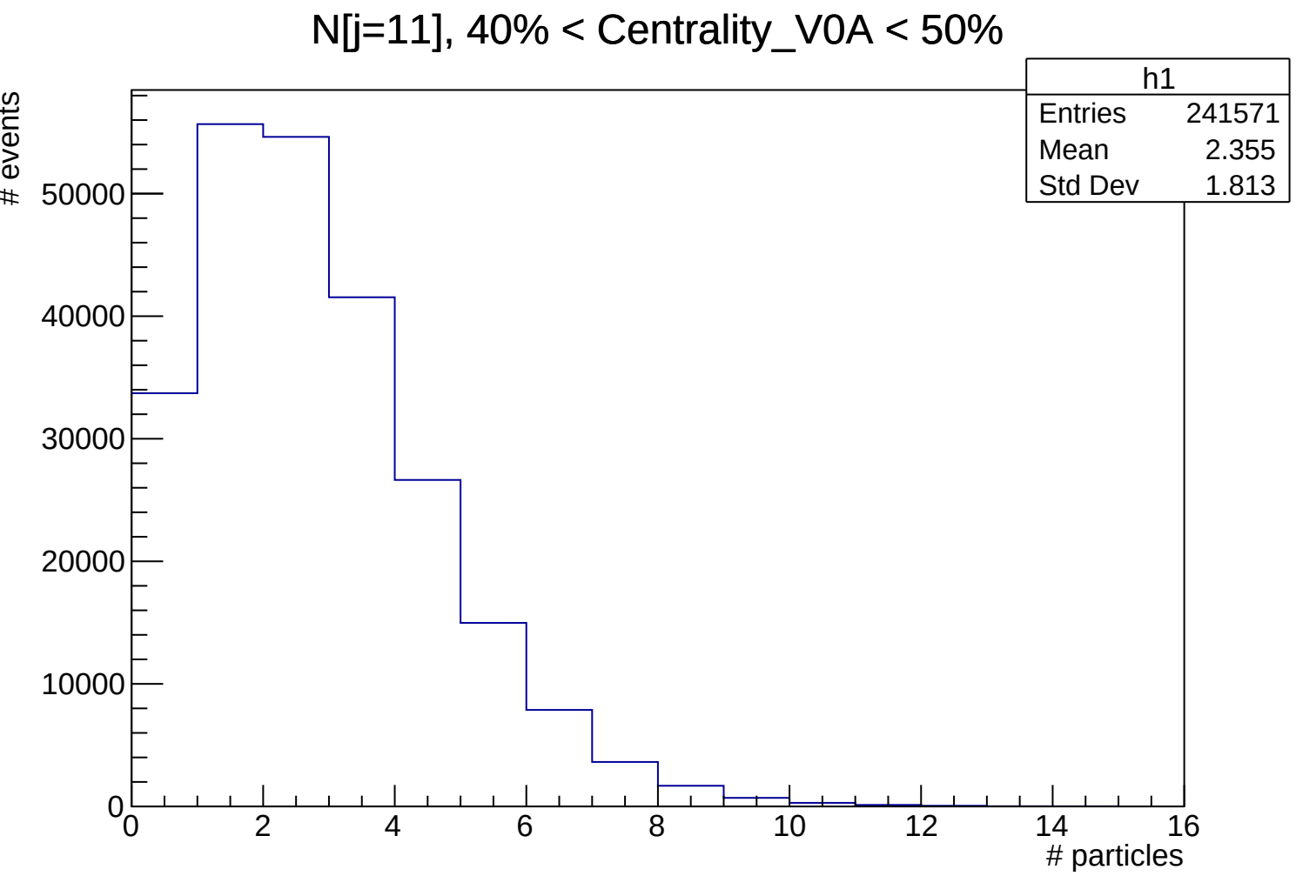
4
6
8
10
12
14
16
particles


N[j=11], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.355
Std Dev 1.813
events
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40000
30000
20000
10000
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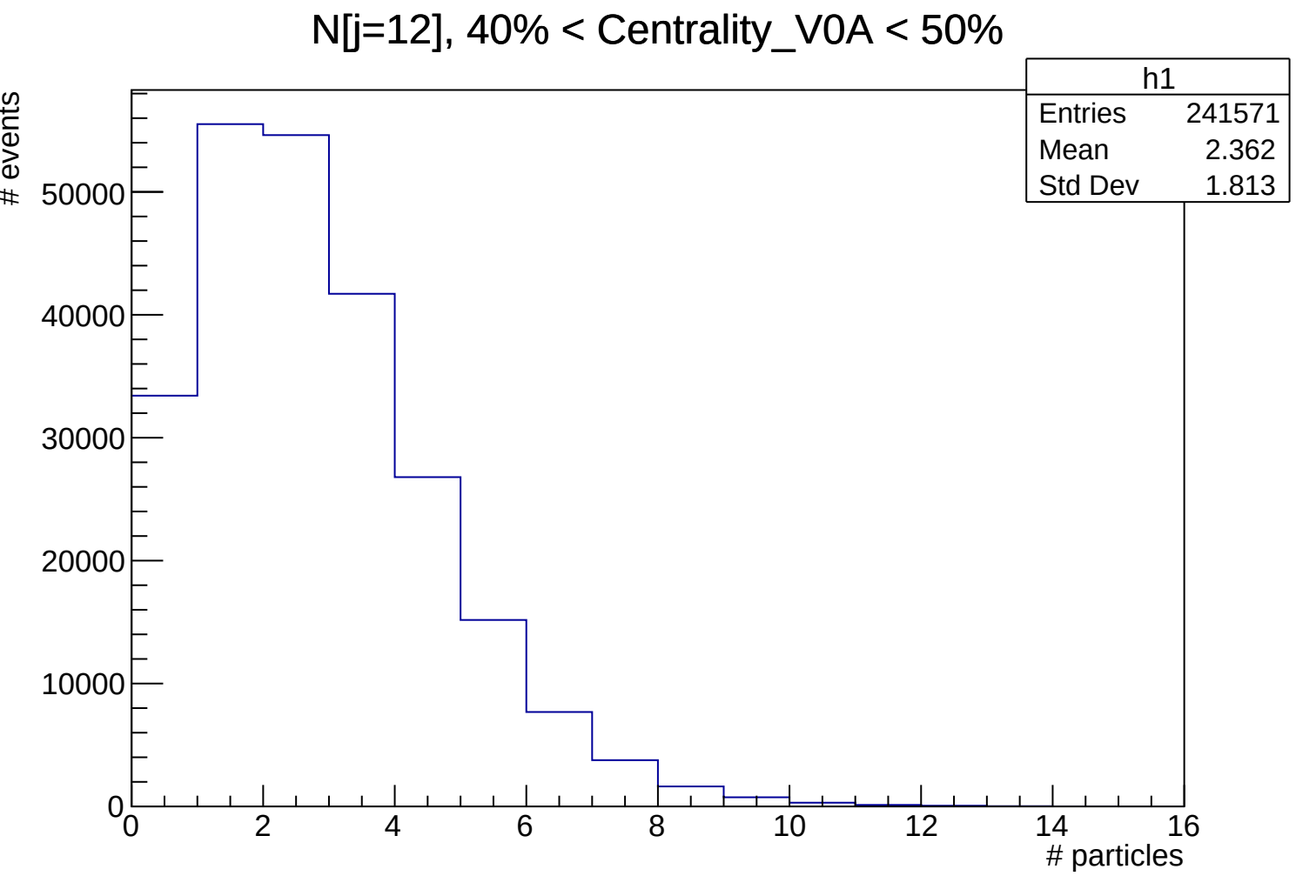
16
particles


N[j=12], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.362
Std Dev 1.813
events
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40000
30000
20000
10000
0
0
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4
6
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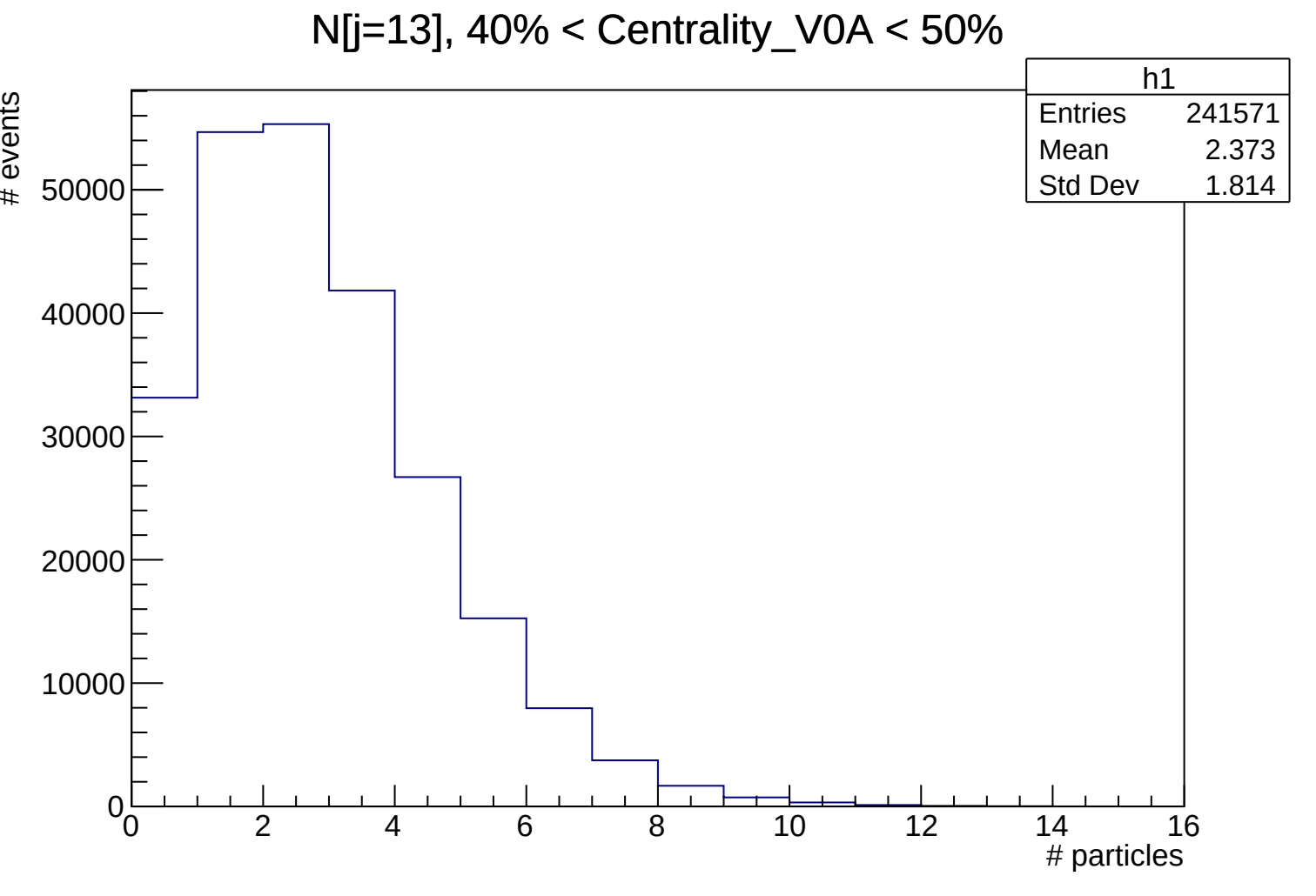
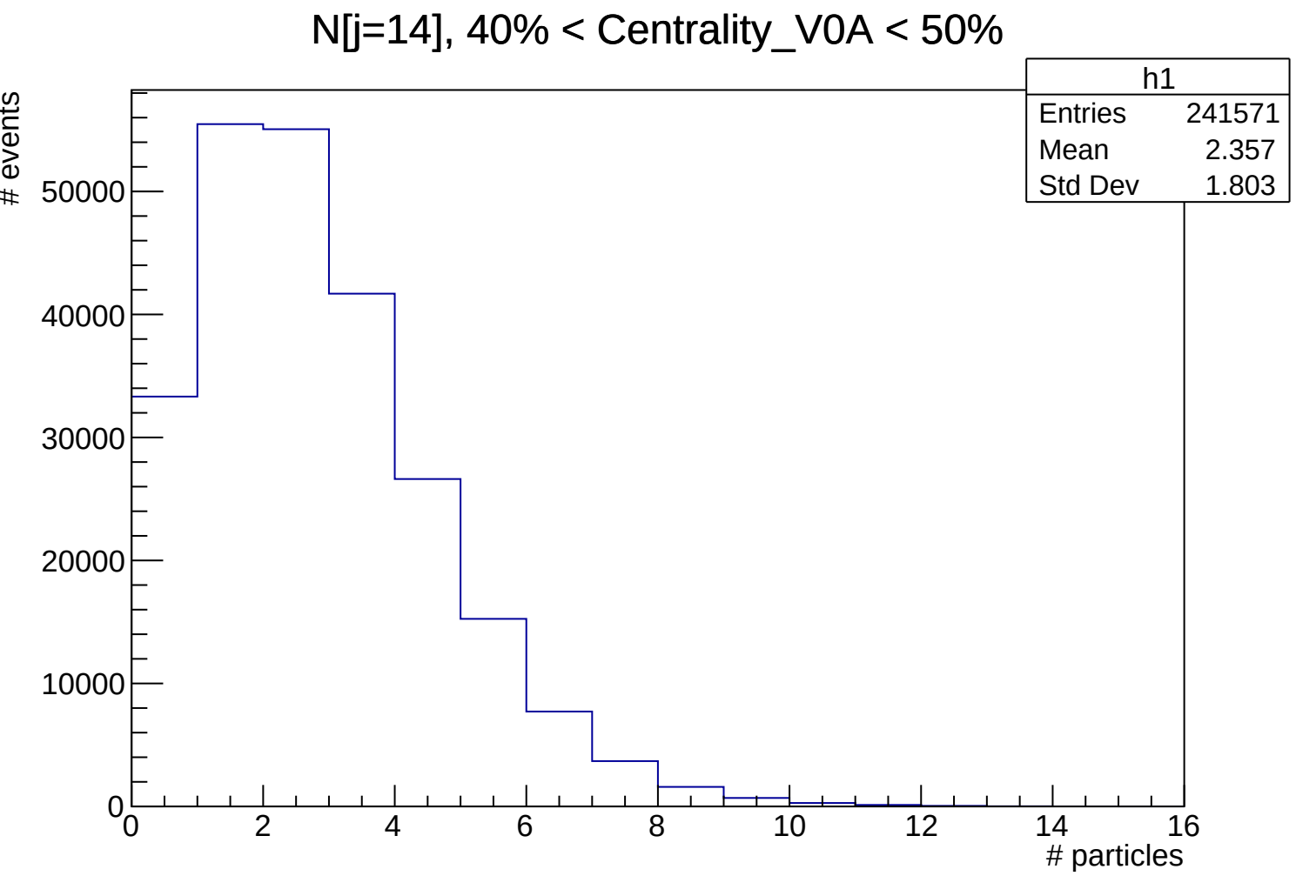
14
16
particles


N[j=13], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.373
Std Dev 1.814
events
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=14], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.357
Std Dev 1.803
events
50000
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10000
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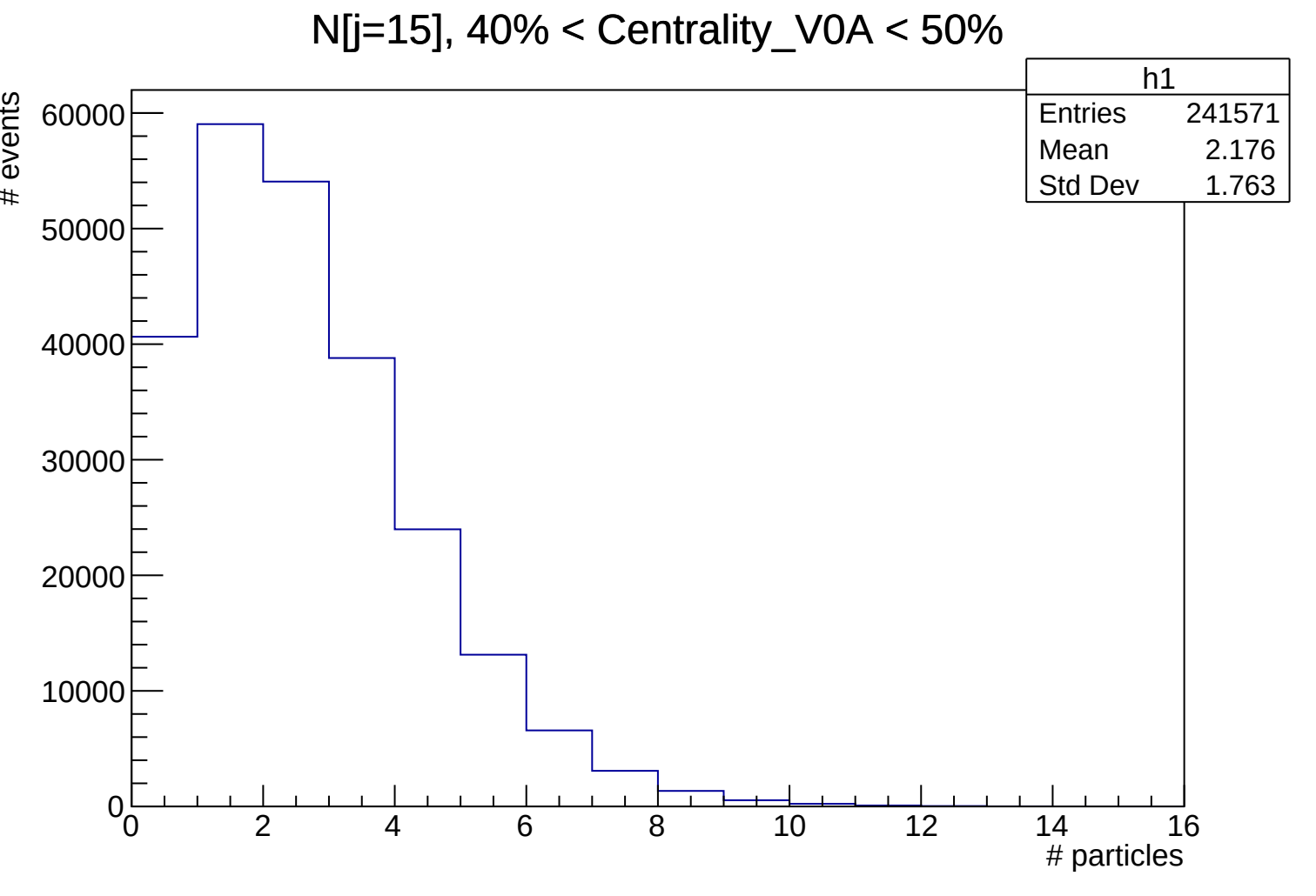
16
particles


N[j=15], 40% < Centrality_V0A < 50%
h1
Entries 241571
Mean 2.176
Std Dev 1.763
events
60000
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40000
30000
20000
10000
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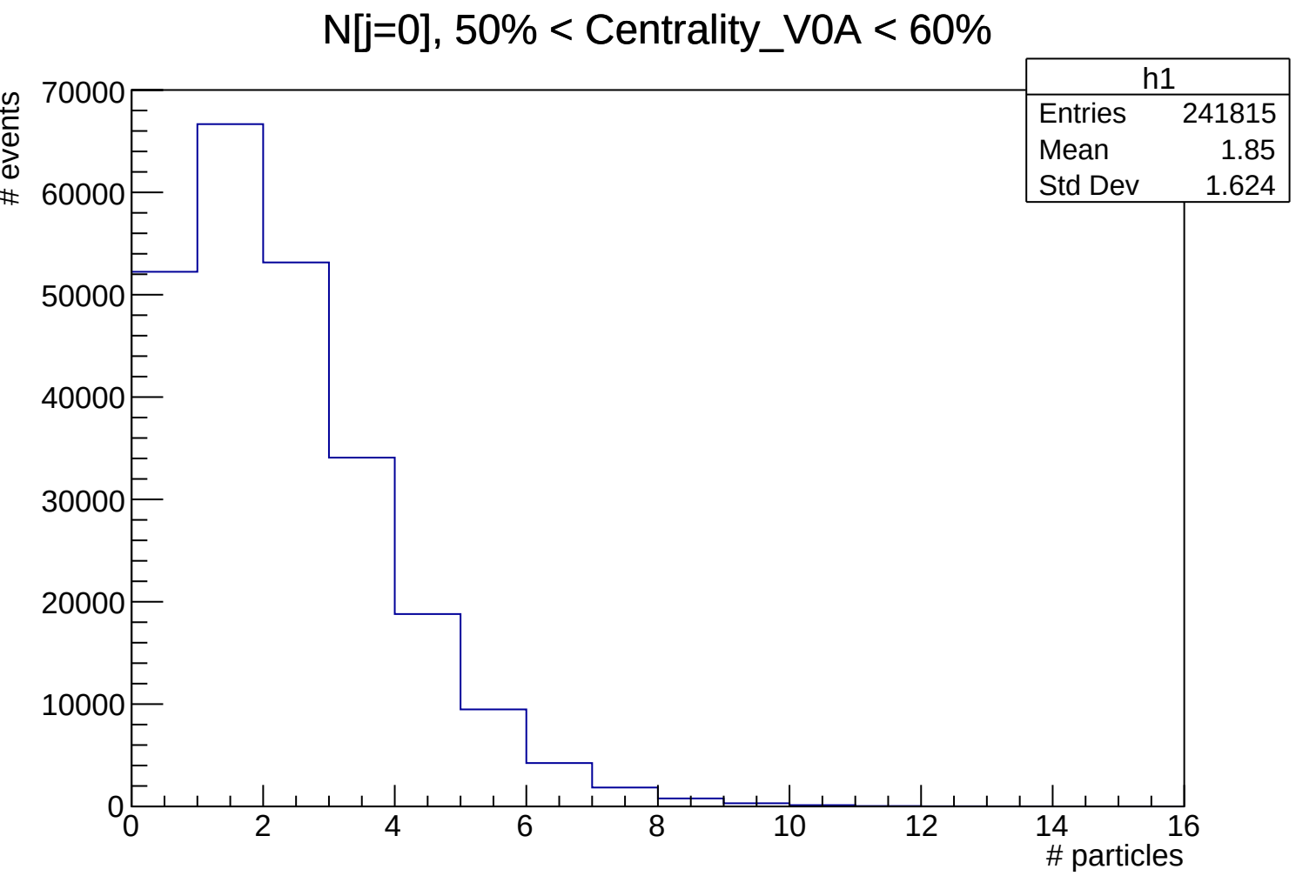
particles


N[j=0], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.85
Std Dev 1.624
events
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
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12
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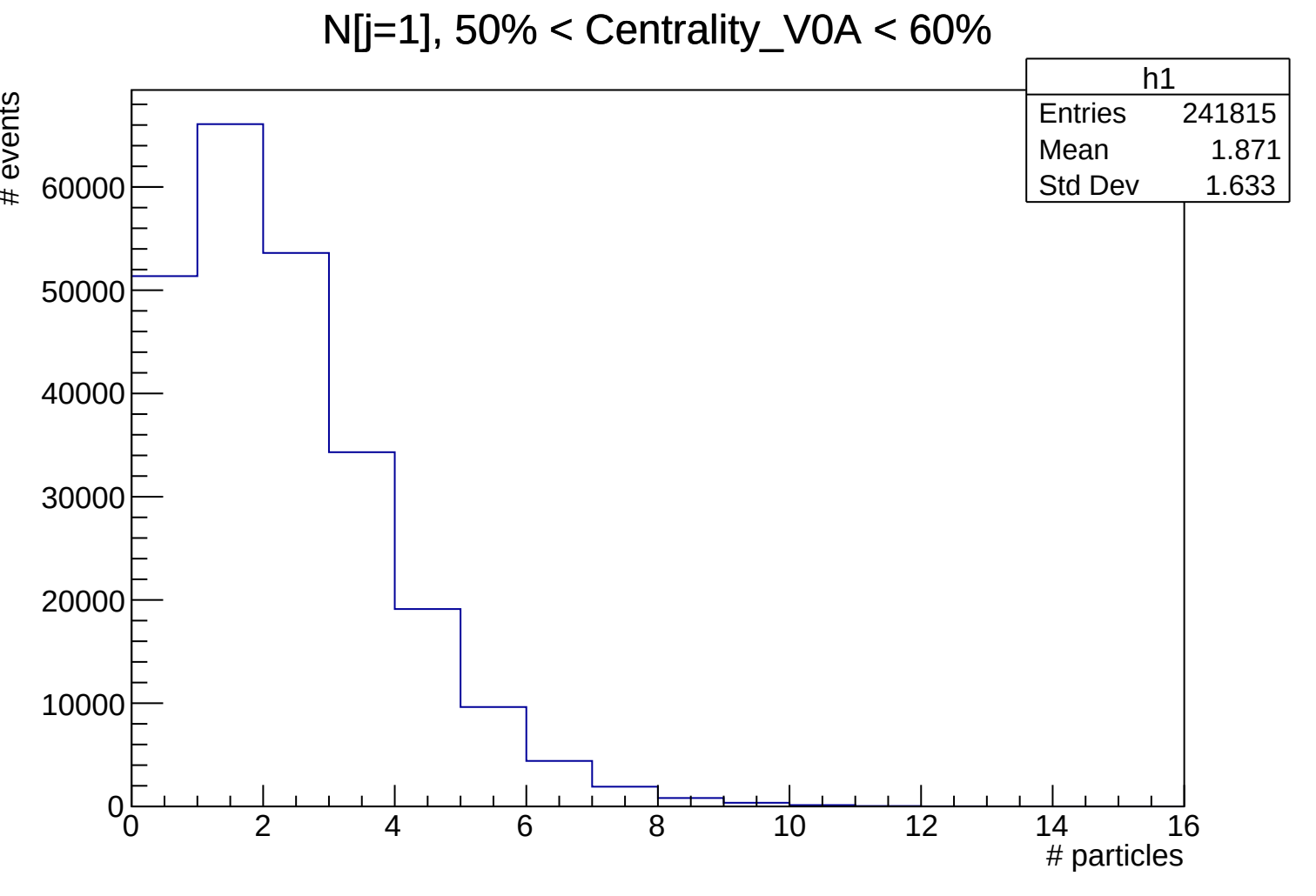
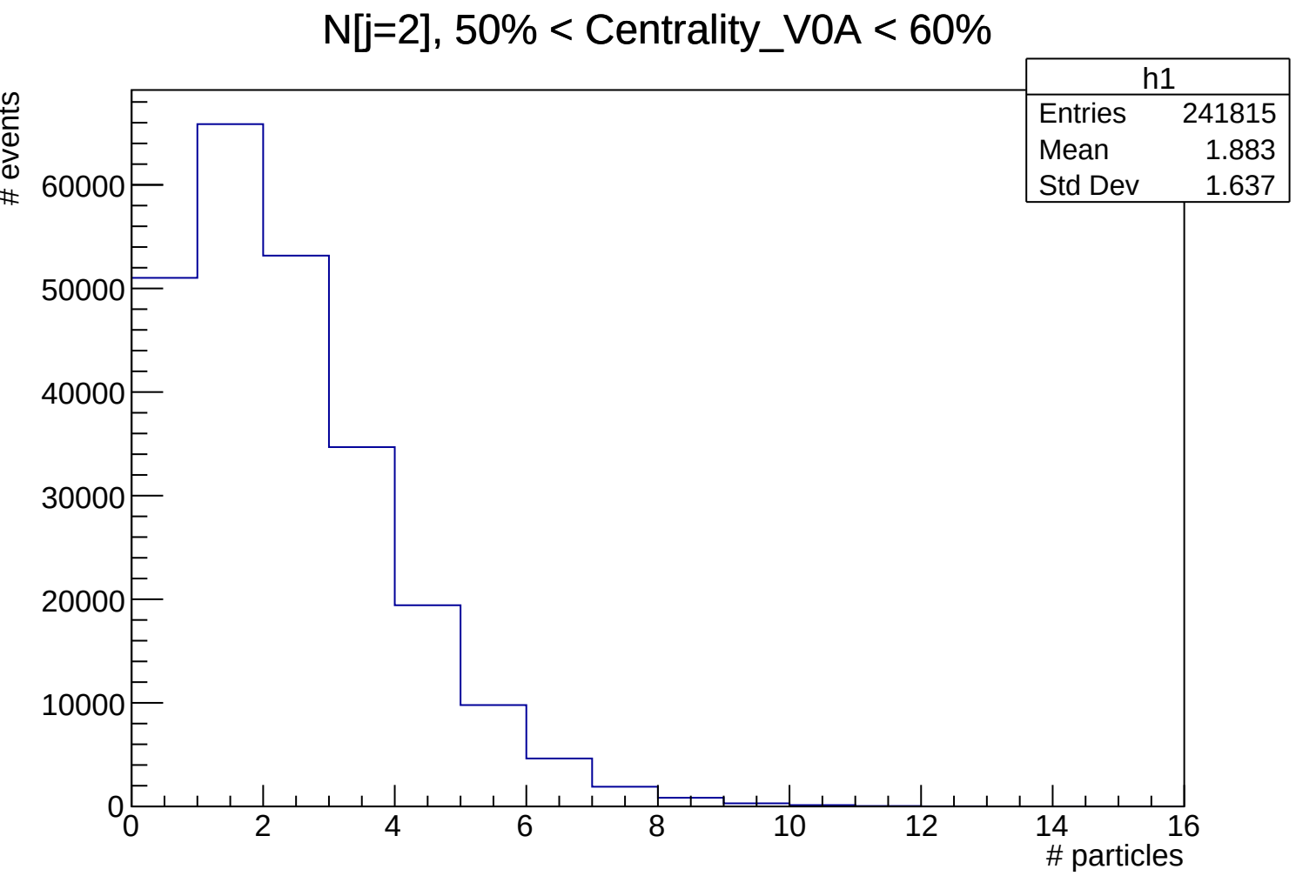
16
particles


N[j=1], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.871
Std Dev 1.633
events
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=2], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.883
Std Dev 1.637
events
60000
50000
40000
30000
20000
10000
0
0
2
4
6
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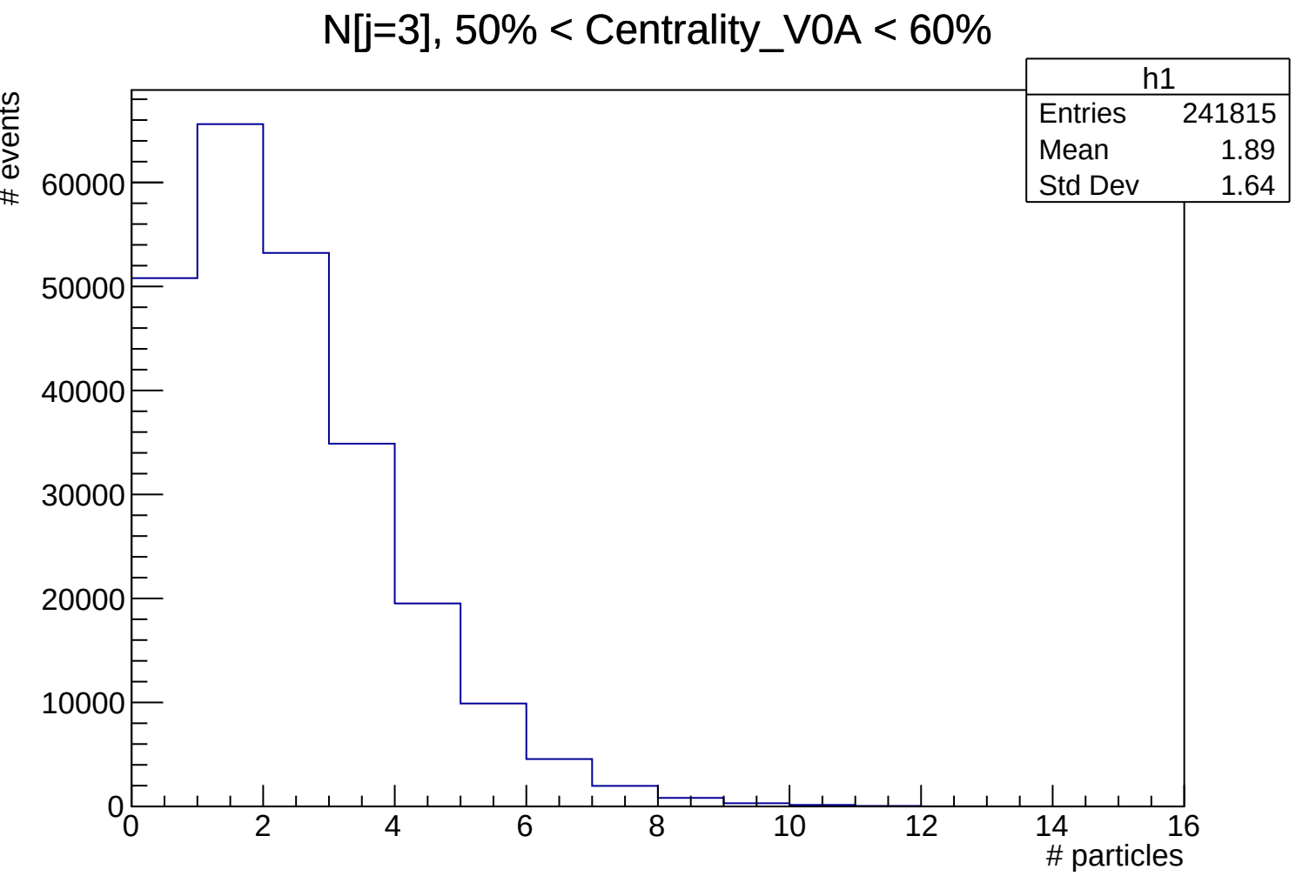
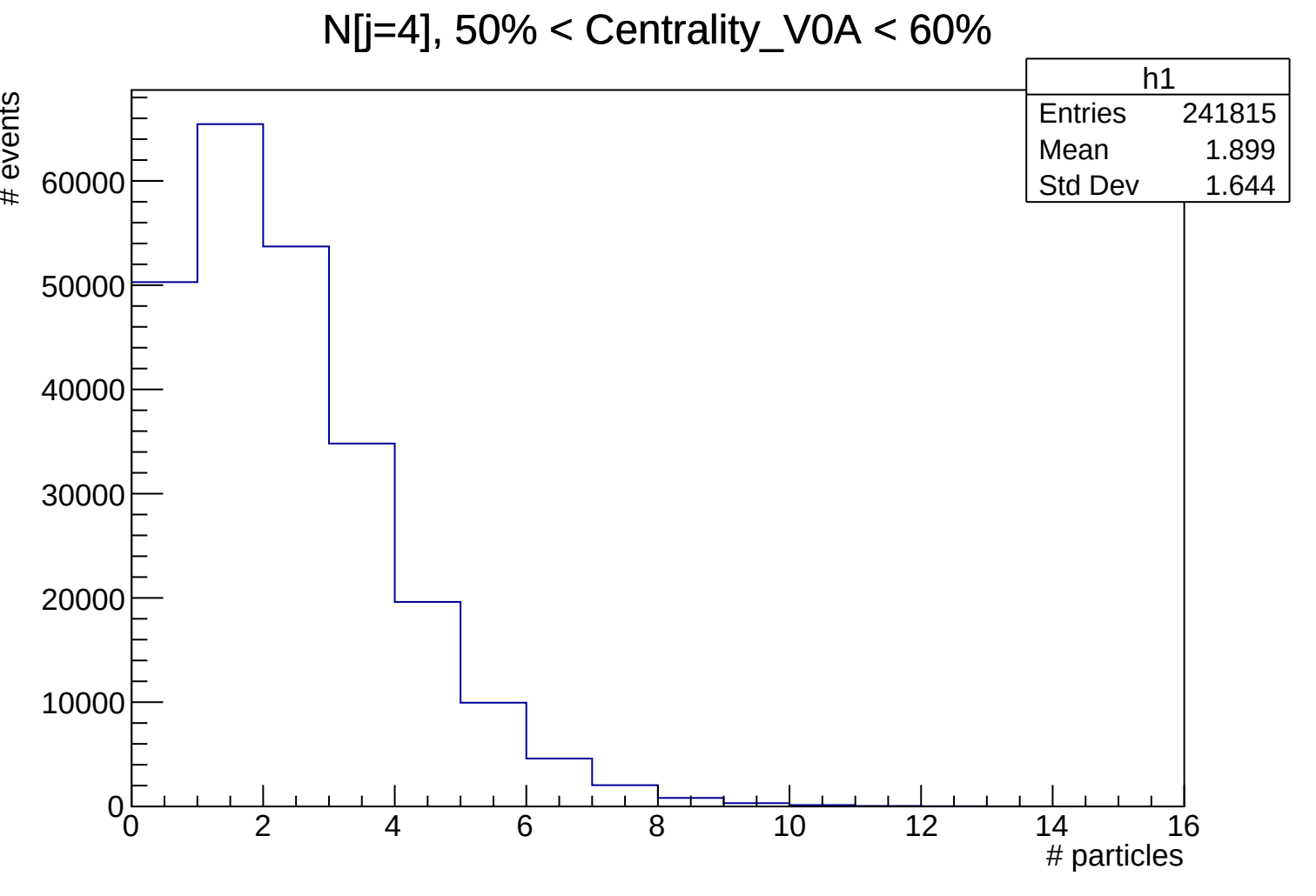
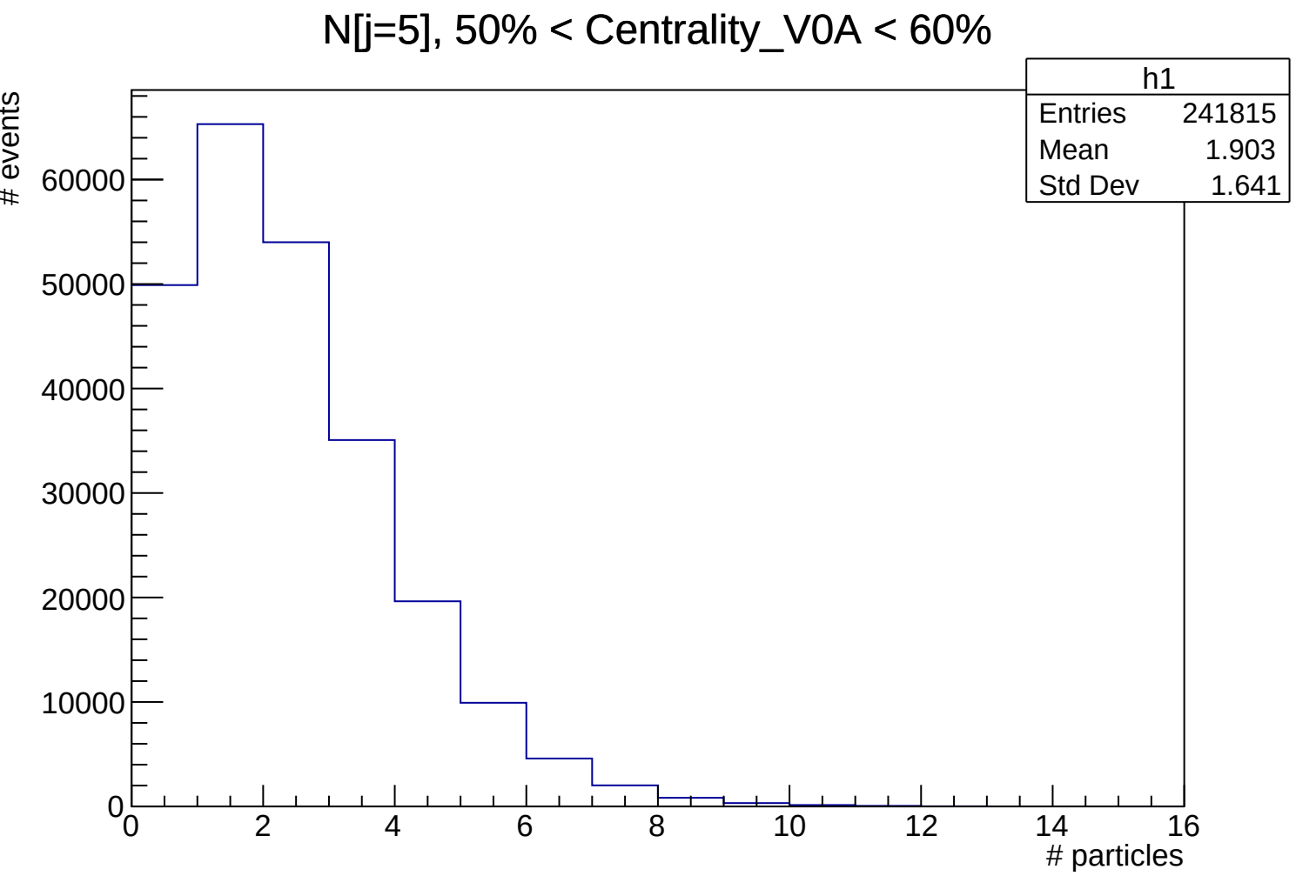
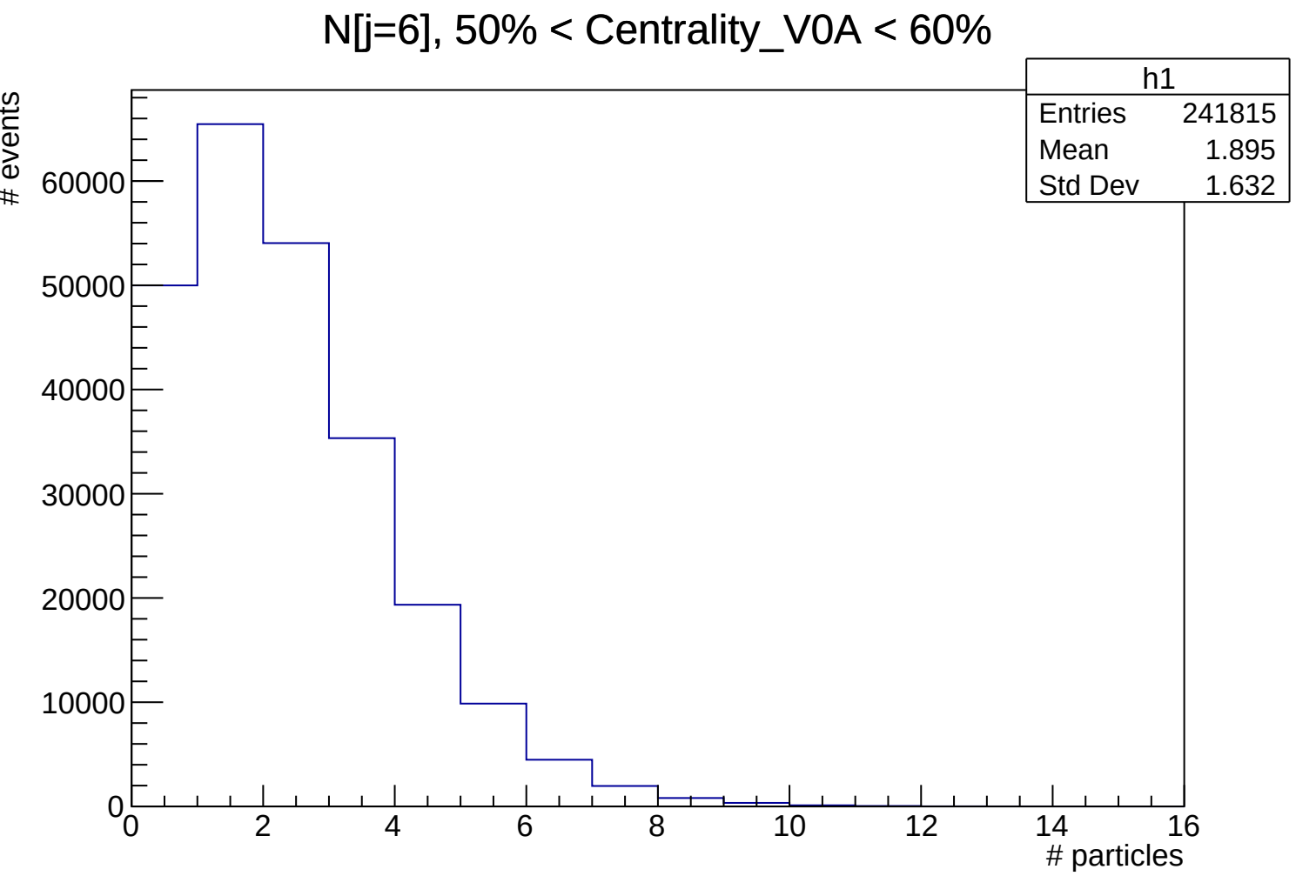
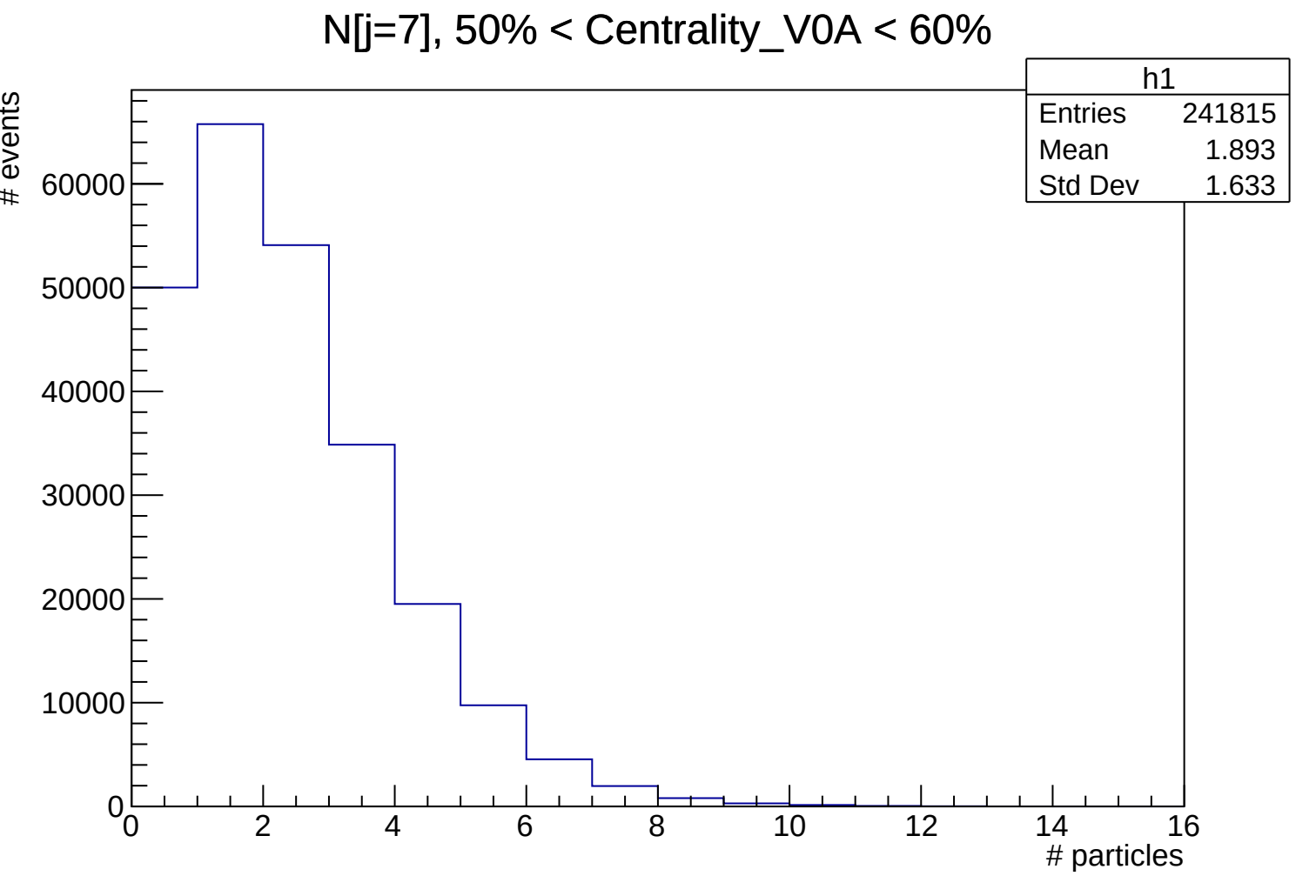
10
12
14
16
particles


N[j=3], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.89
Std Dev 1.64
events
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=4], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.899
Std Dev 1.644
events
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=5], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.903
Std Dev 1.641
events
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=6], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.895
Std Dev 1.632
events
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=7], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.893
Std Dev 1.633
events
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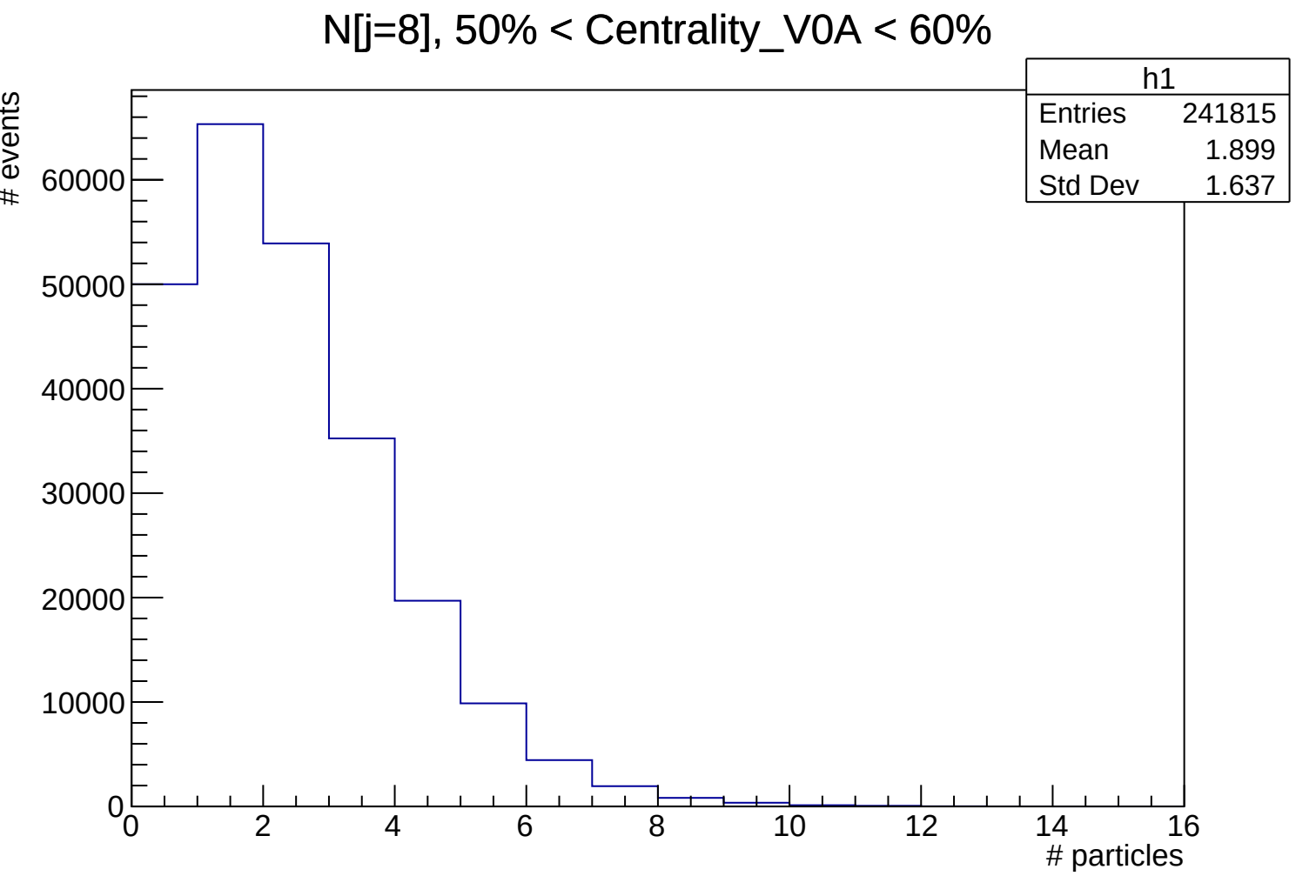
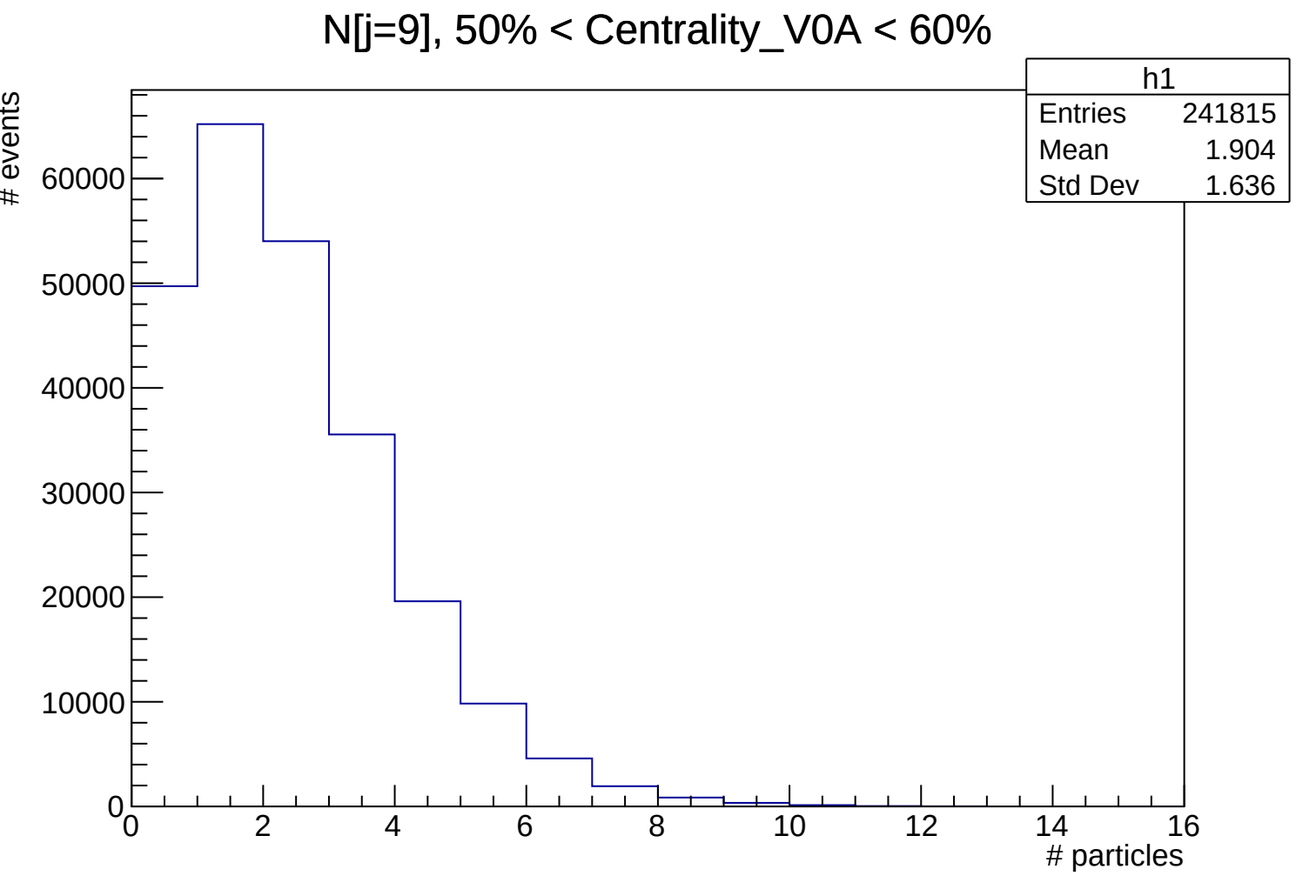
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=8], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.899
Std Dev 1.637
events
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles


N[j=9], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.904
Std Dev 1.636
events
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40000
30000
20000
10000
0
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2
4
6
8
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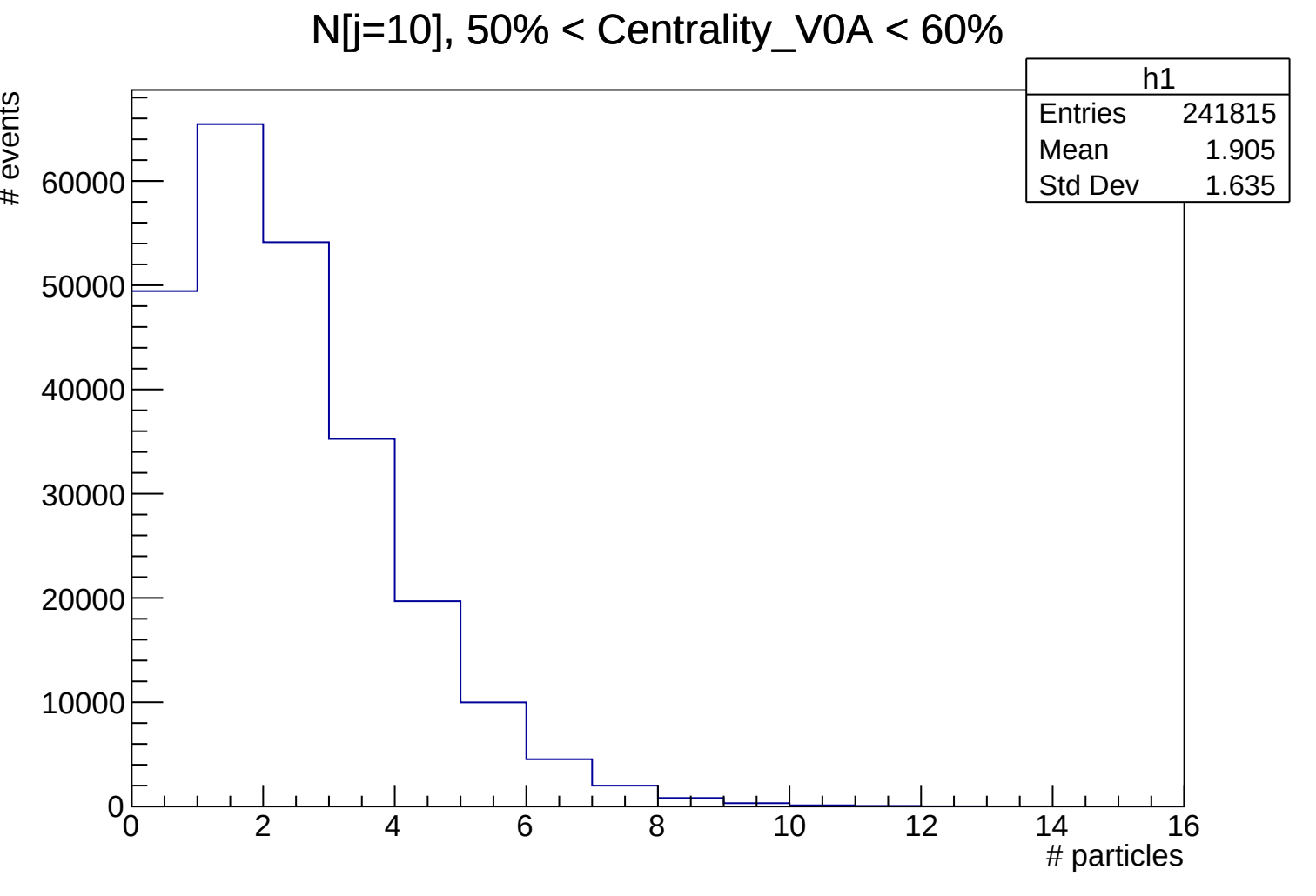
16
particles


N[j=10], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.905
Std Dev 1.635
events
60000
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40000
30000
20000
10000
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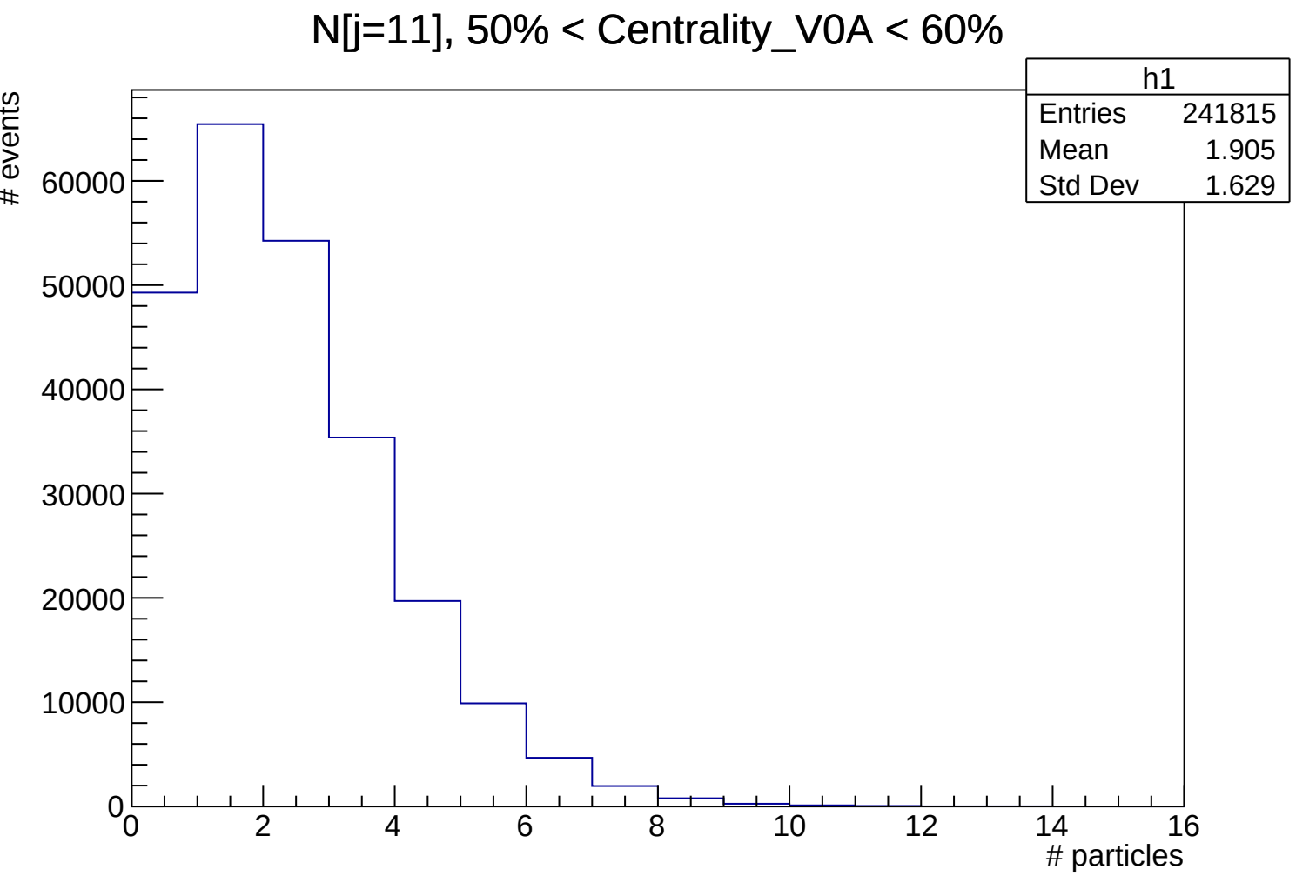
16
particles


N[j=11], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.905
Std Dev 1.629
events
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40000
30000
20000
10000
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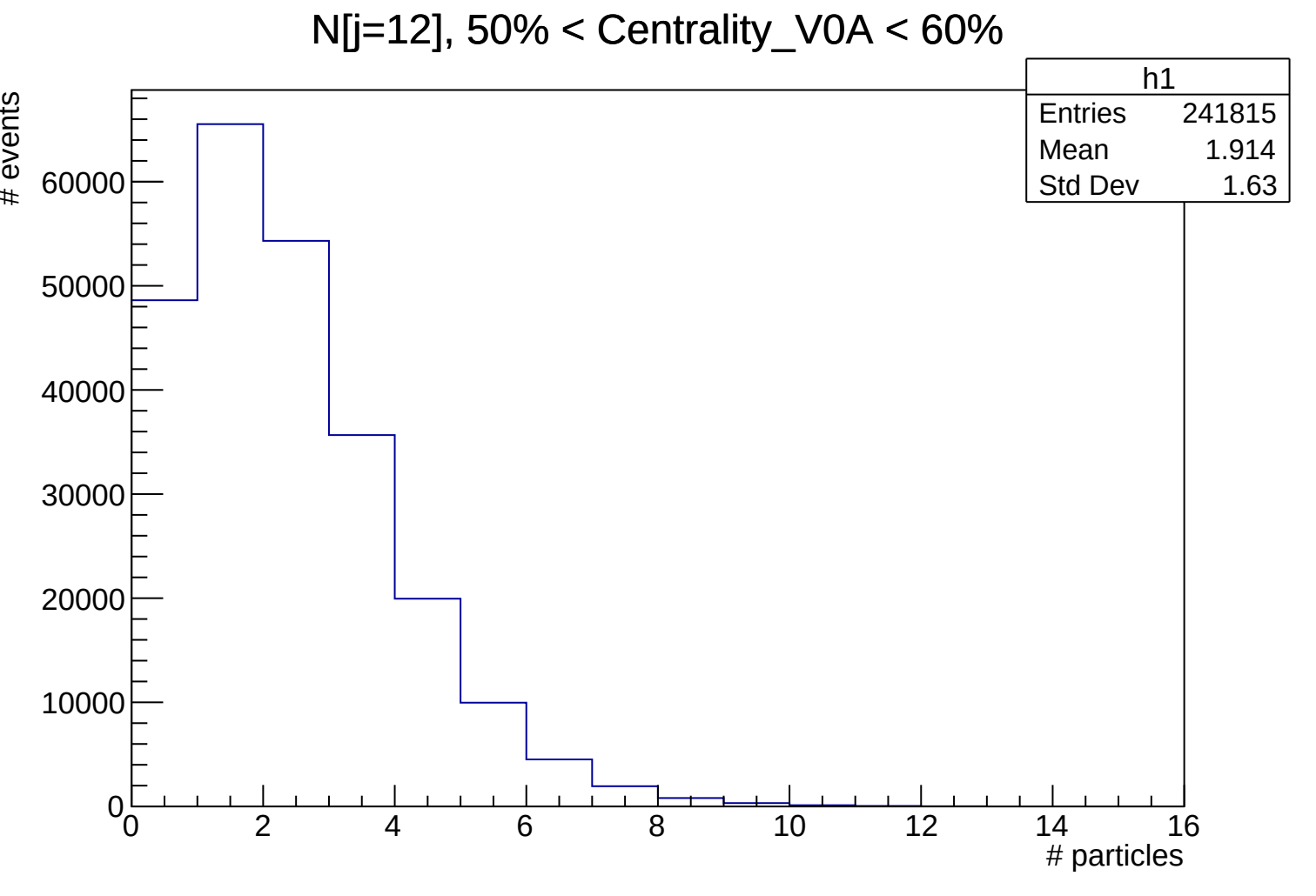
16
particles


N[j=12], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.914
Std Dev 1.63
events
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40000
30000
20000
10000
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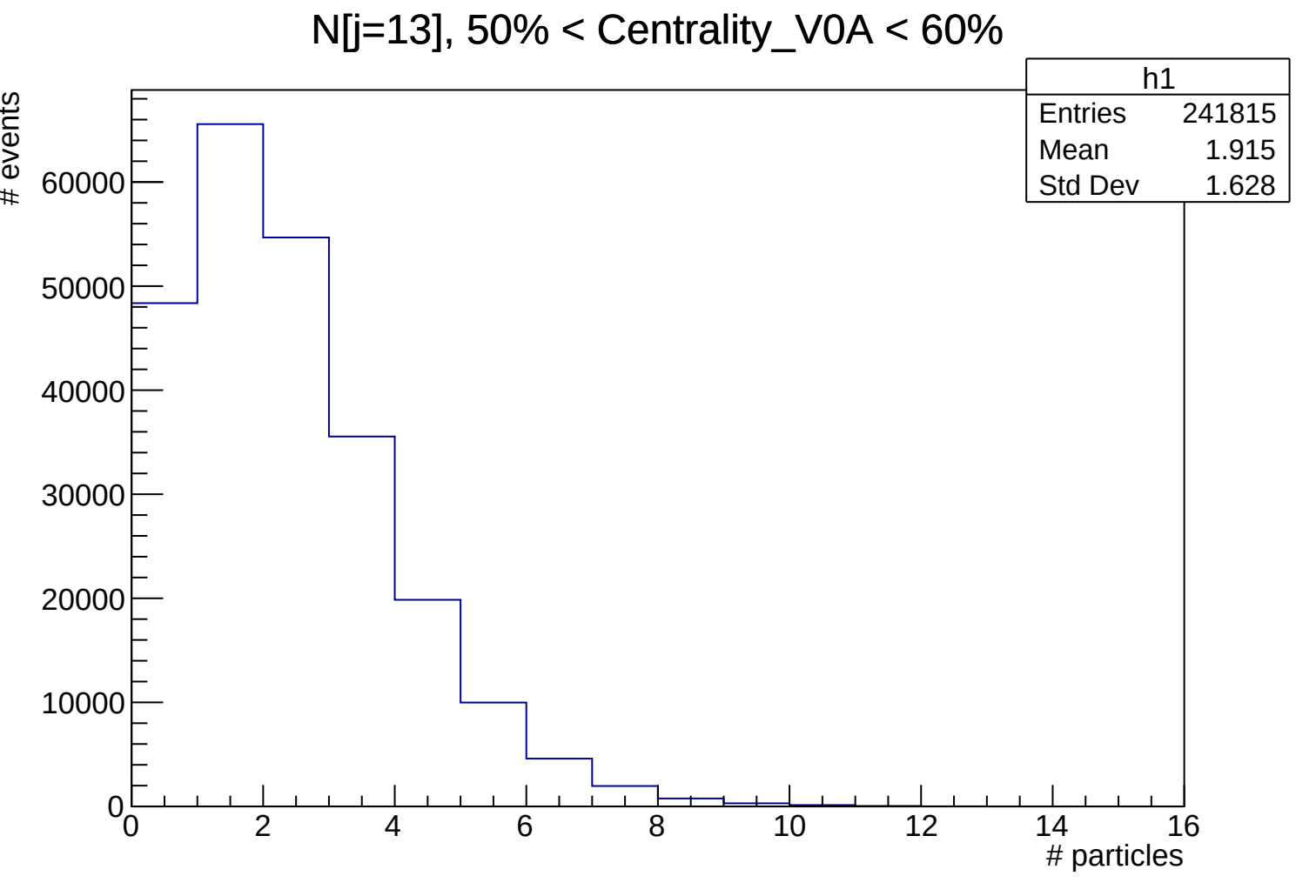
particles


N[j=13], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.915
Std Dev 1.628
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40000
30000
20000
10000
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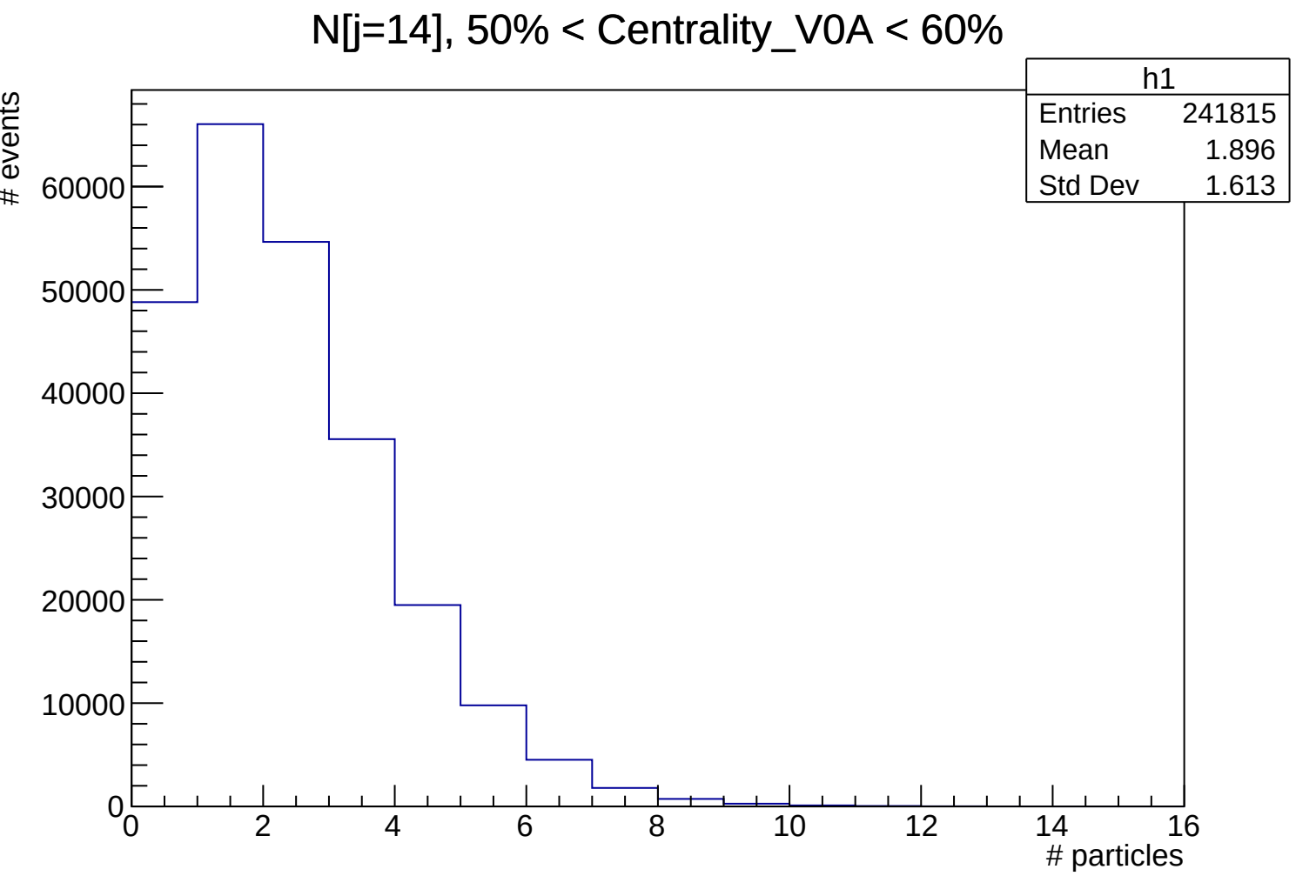
particles


N[j=14], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.896
Std Dev 1.613
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40000
30000
20000
10000
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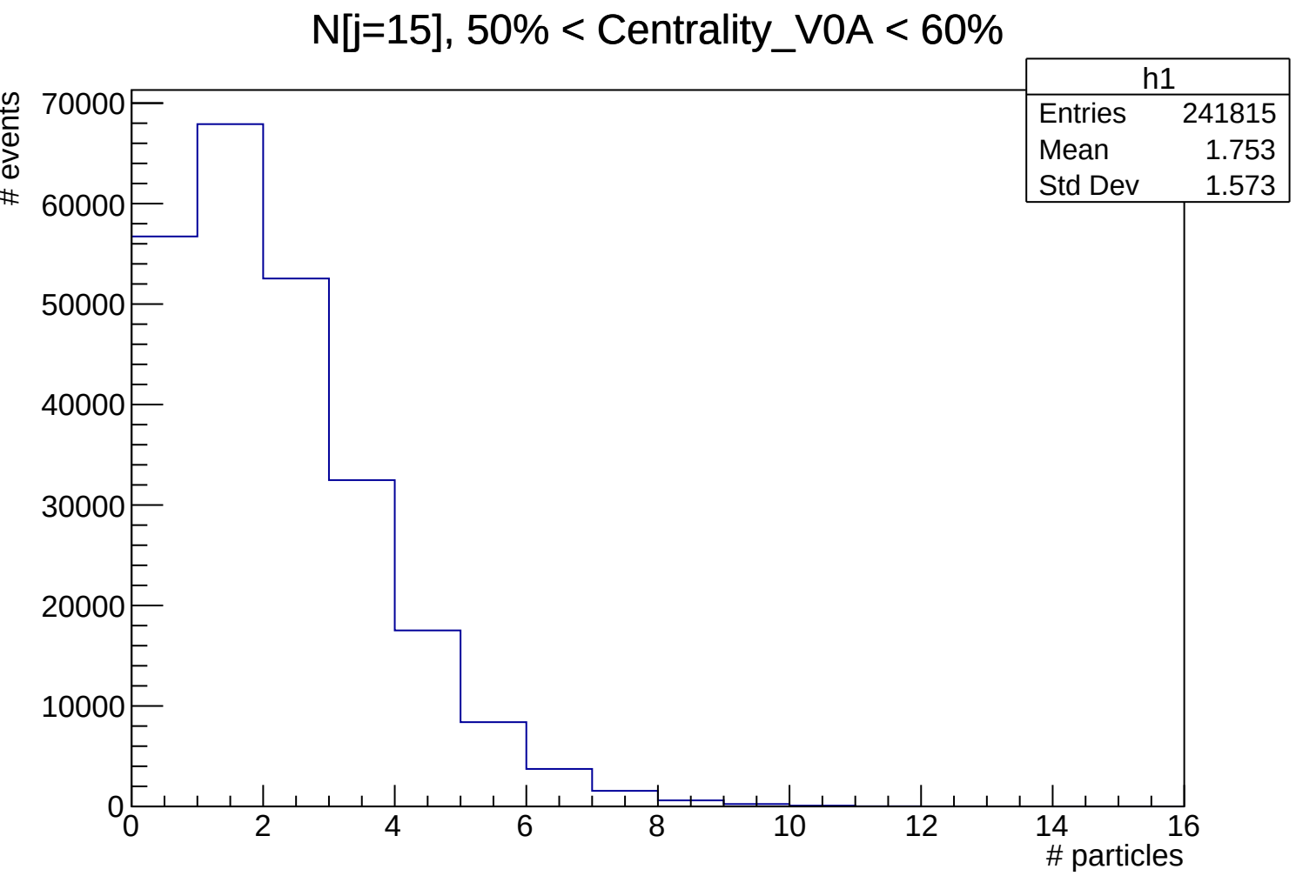
particles


N[j=15], 50% < Centrality_V0A < 60%
h1
Entries 241815
Mean 1.753
Std Dev 1.573
events
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30000
20000
10000
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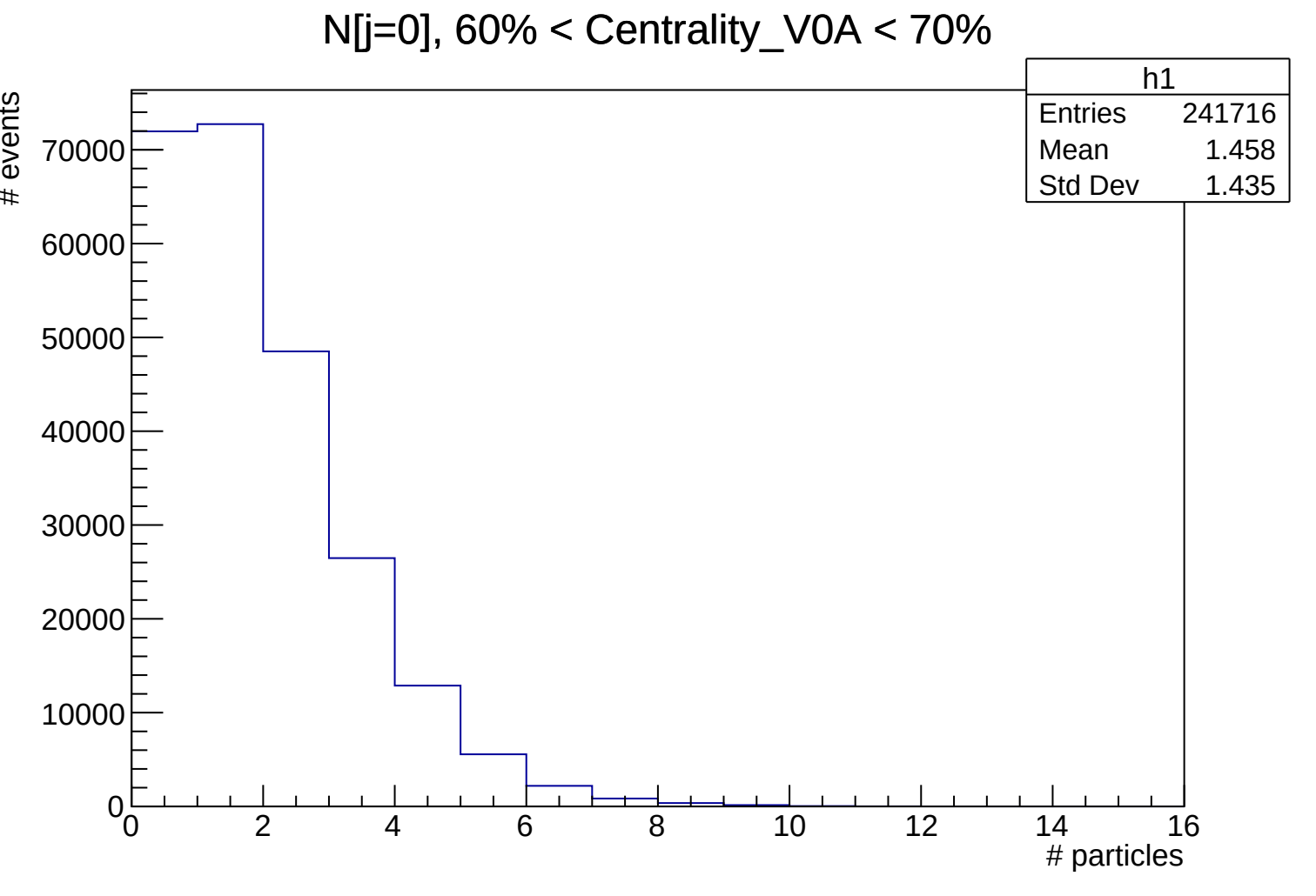
16
particles


N[j=0], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.458
Std Dev 1.435
events
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40000
30000
20000
10000
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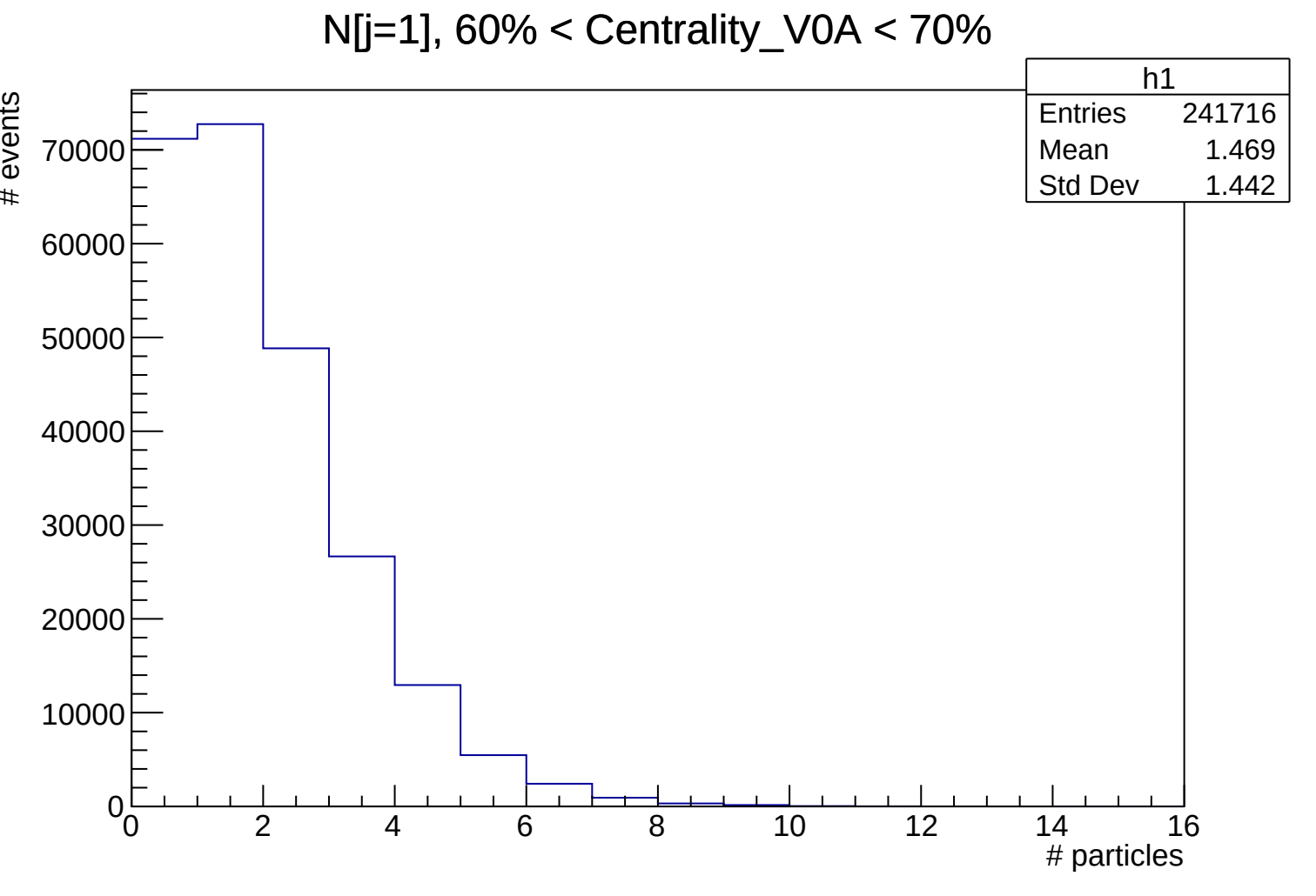
particles


N[j=1], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.469
Std Dev 1.442
events
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40000
30000
20000
10000
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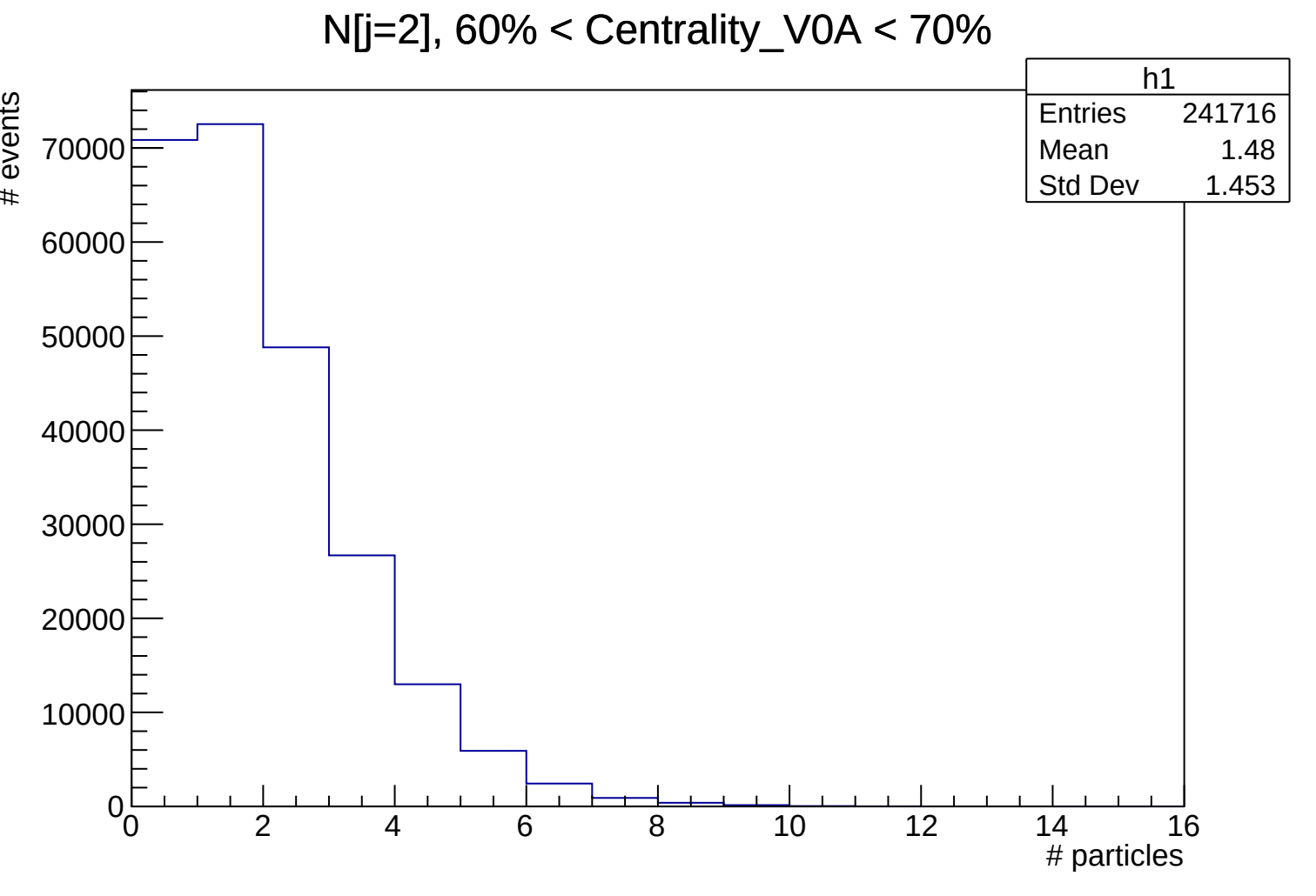
16
particles


N[j=2], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.48
Std Dev 1.453
events
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40000
30000
20000
10000
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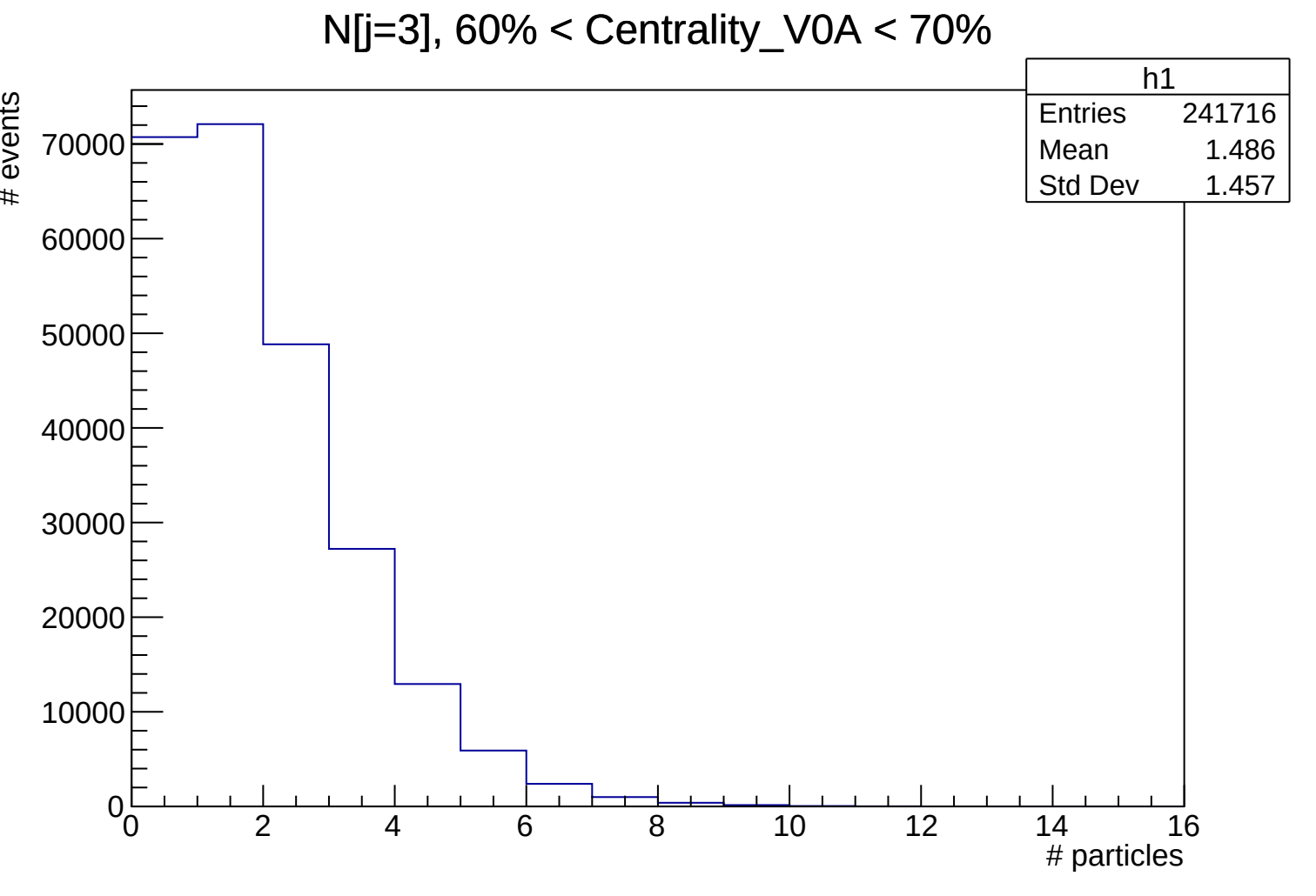
16
particles


N[j=3], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.486
Std Dev 1.457
events
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40000
30000
20000
10000
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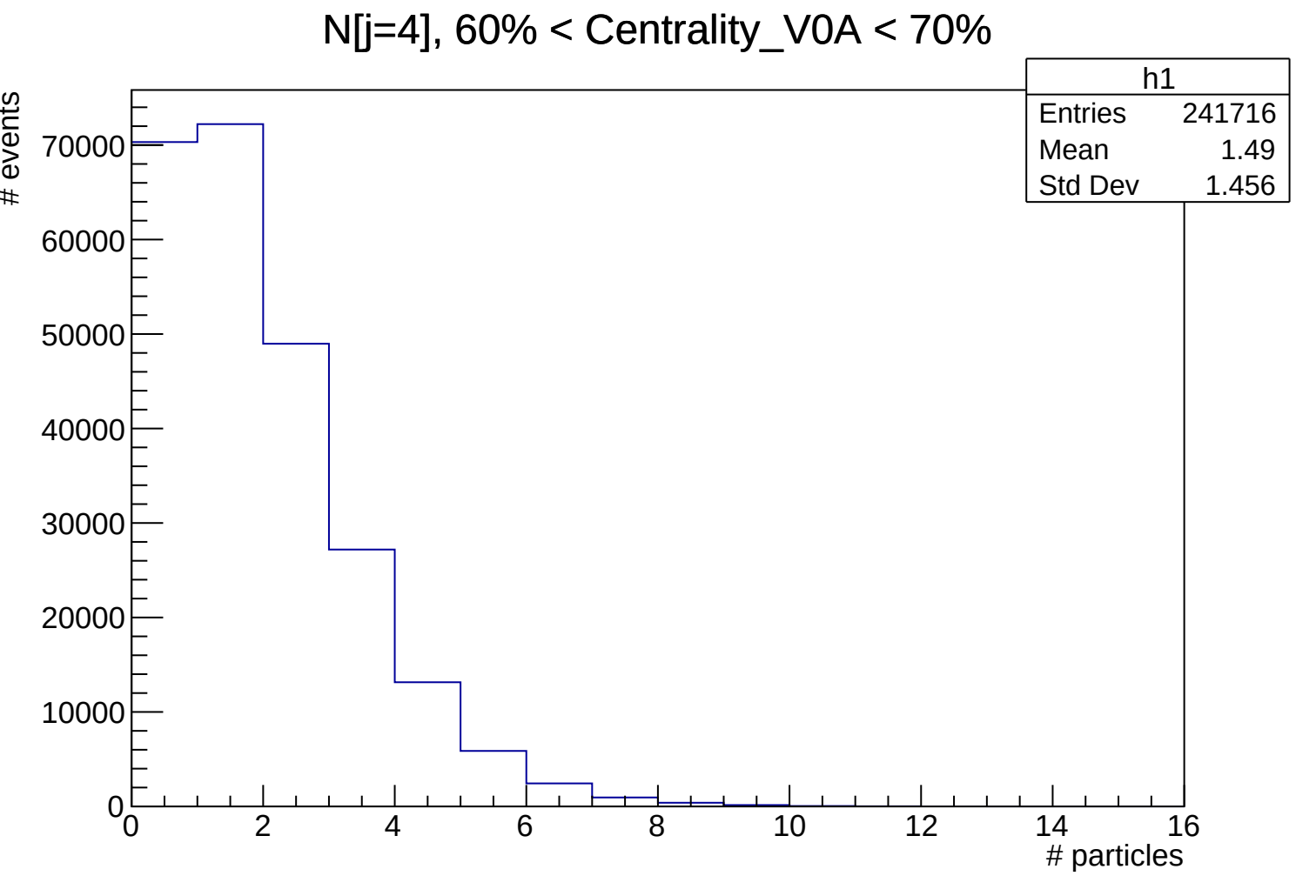
particles


N[j=4], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.49
Std Dev 1.456
events
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60000
50000
40000
30000
20000
10000
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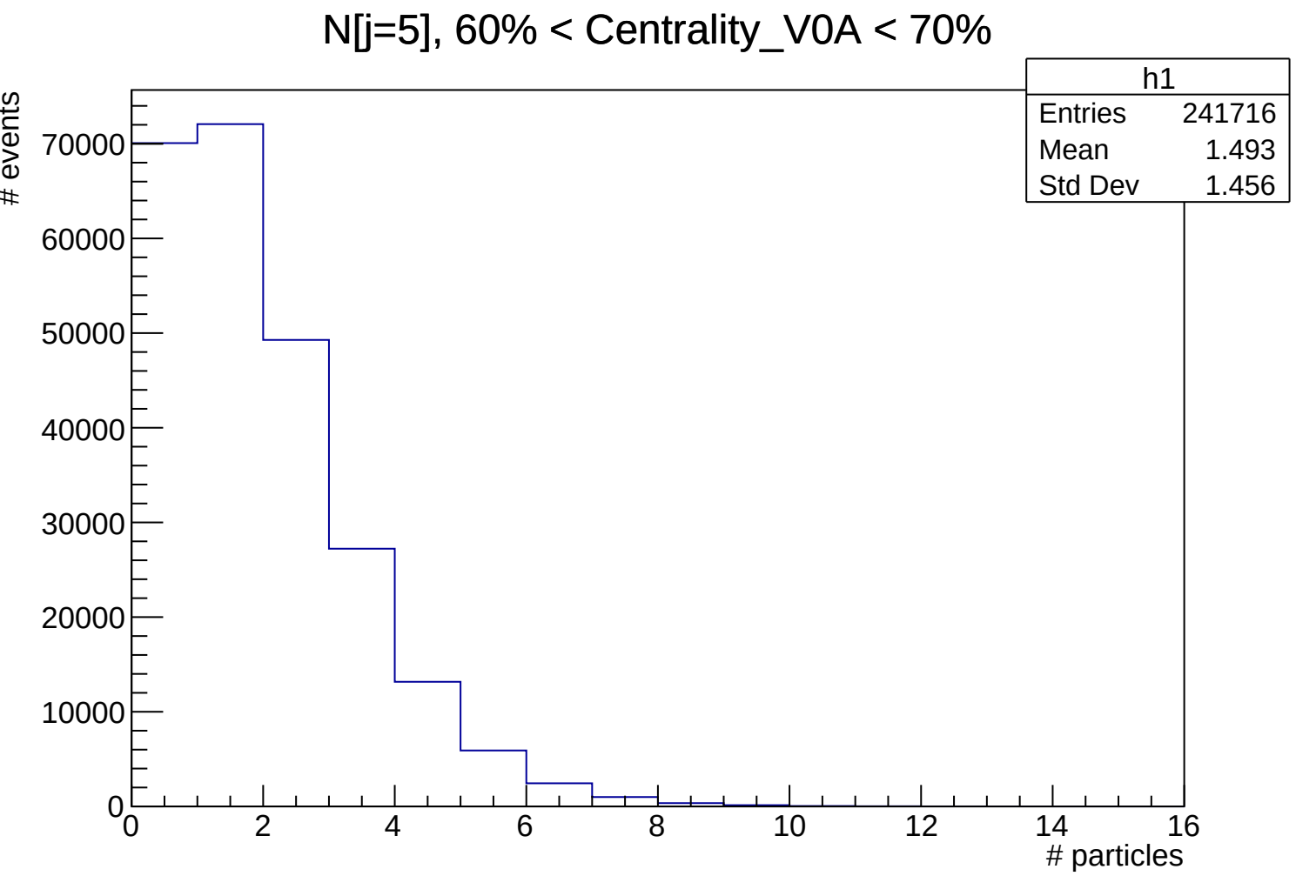
16
particles


N[j=5], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.493
Std Dev 1.456
events
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40000
30000
20000
10000
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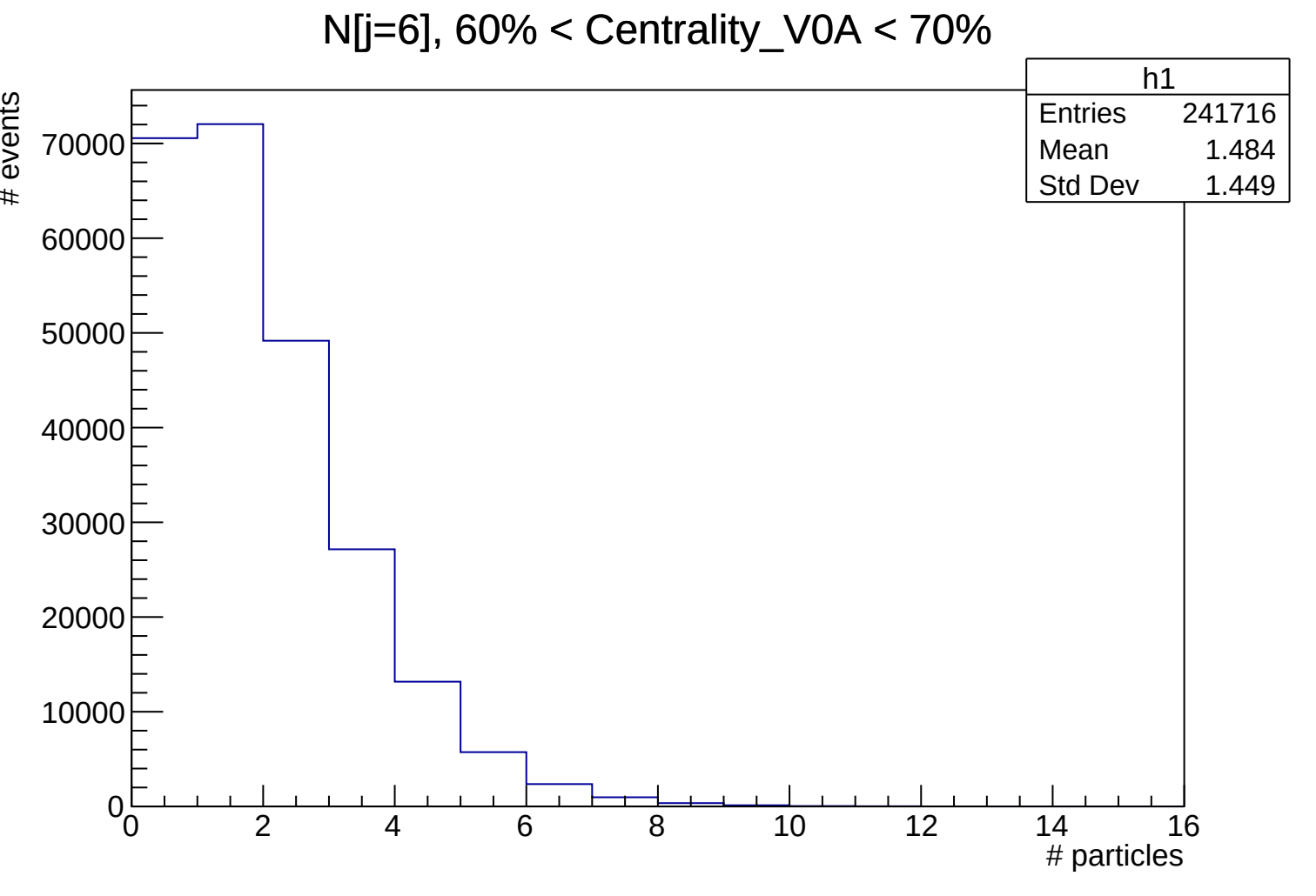
16
particles


N[j=6], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.484
Std Dev 1.449
events
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60000
50000
40000
30000
20000
10000
0
0
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4
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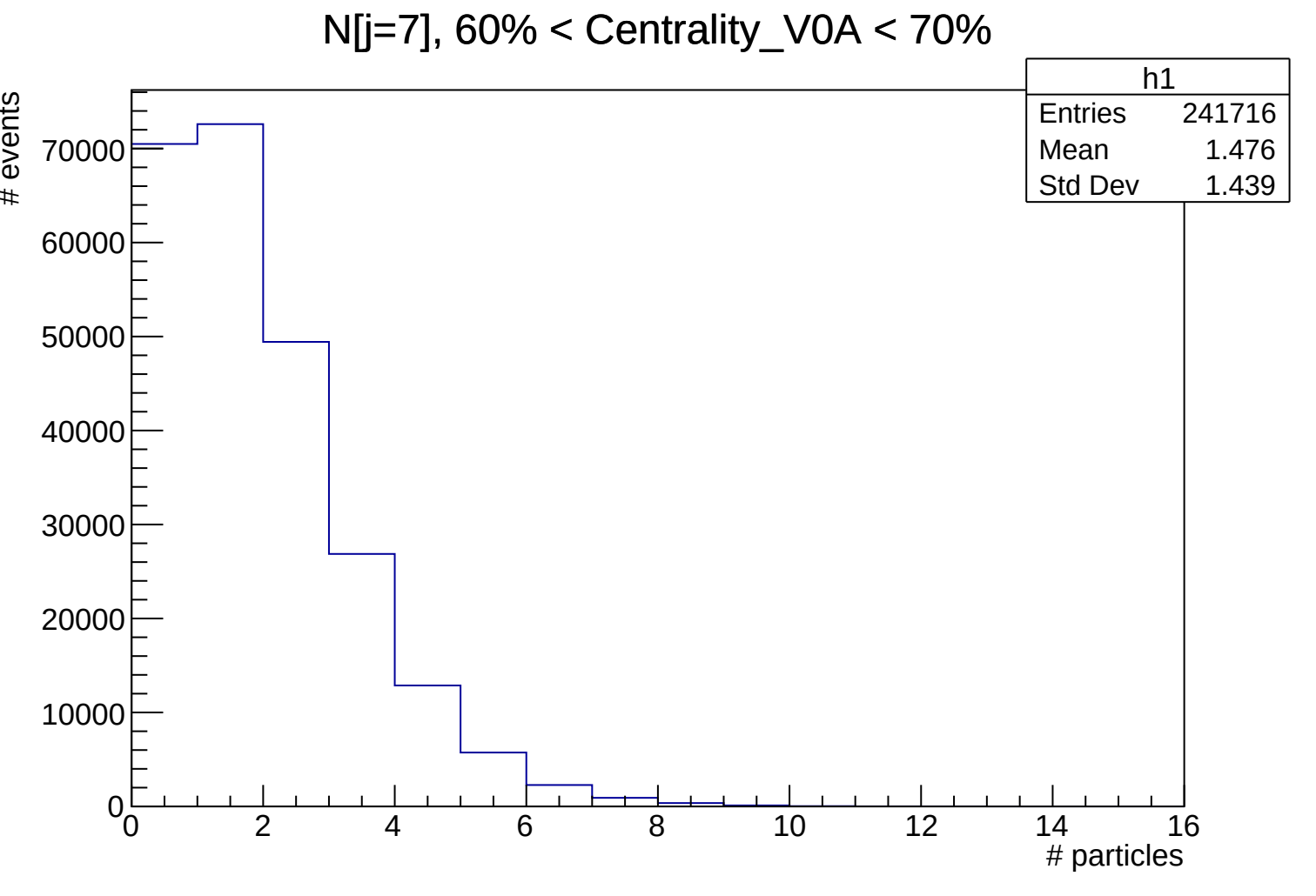
12
14
16
particles


N[j=7], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.476
Std Dev 1.439
events
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60000
50000
40000
30000
20000
10000
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2
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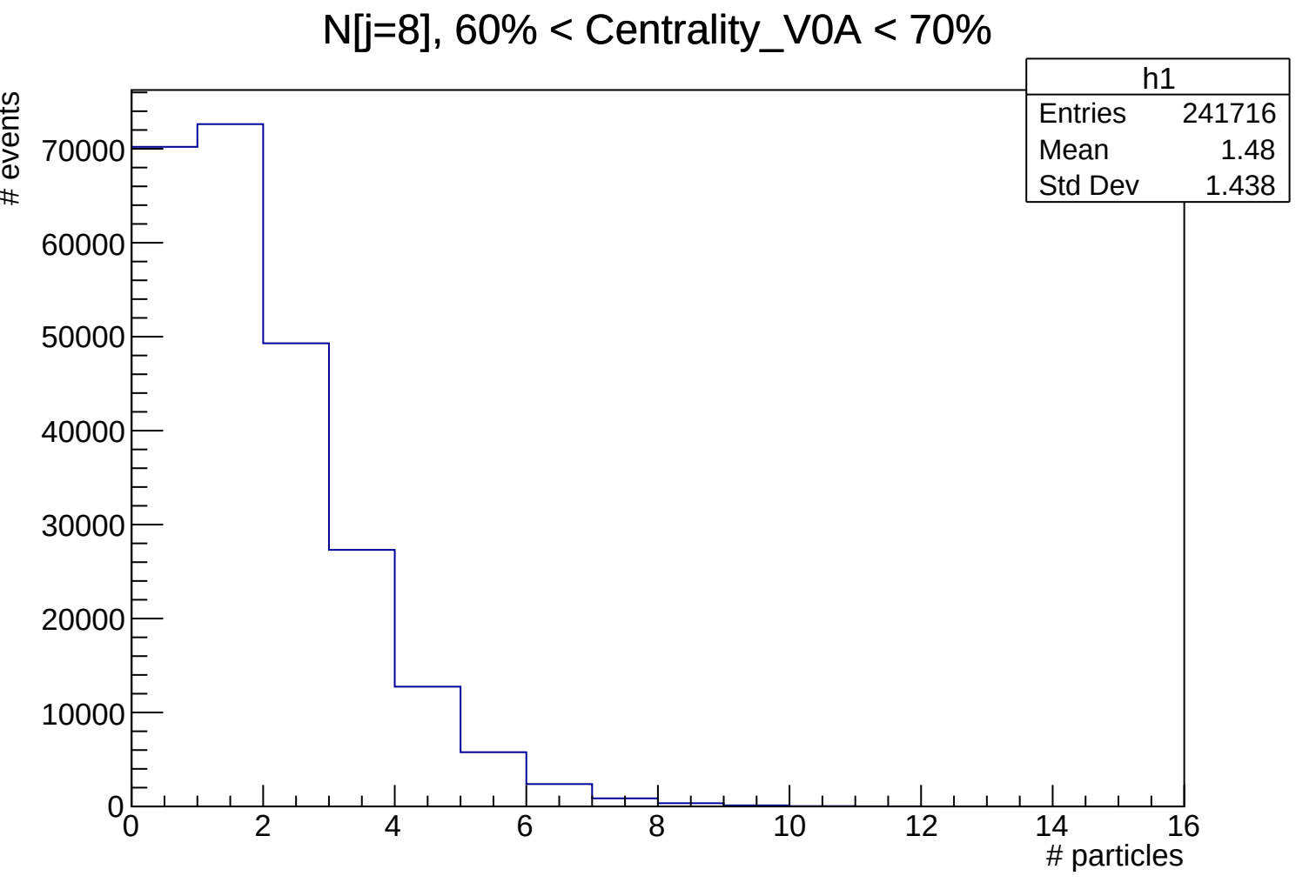
12
14
16
particles


N[j=8], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.48
Std Dev 1.438
events
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
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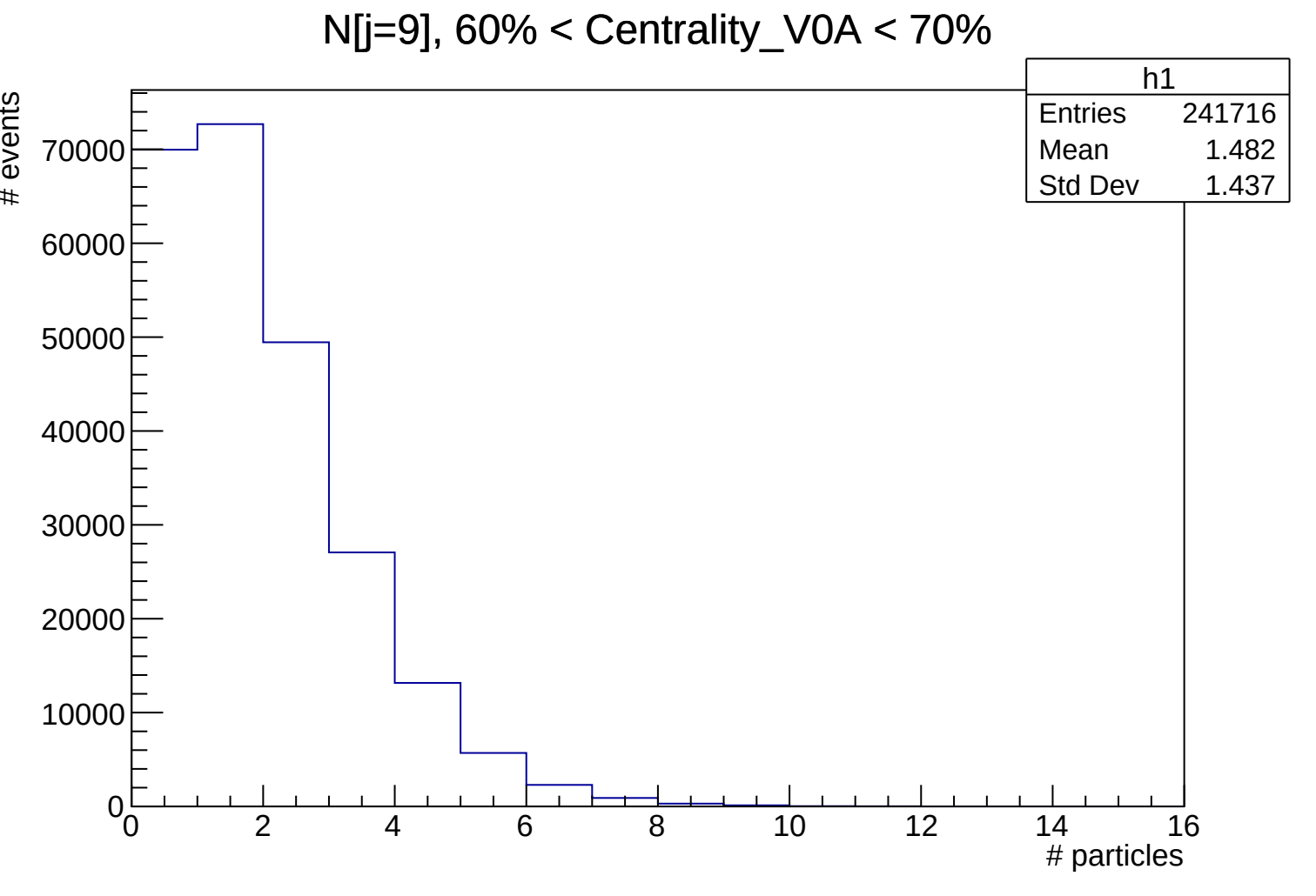
12
14
16
particles


N[j=9], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.482
Std Dev 1.437
events
70000
60000
50000
40000
30000
20000
10000
0
0
2
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6
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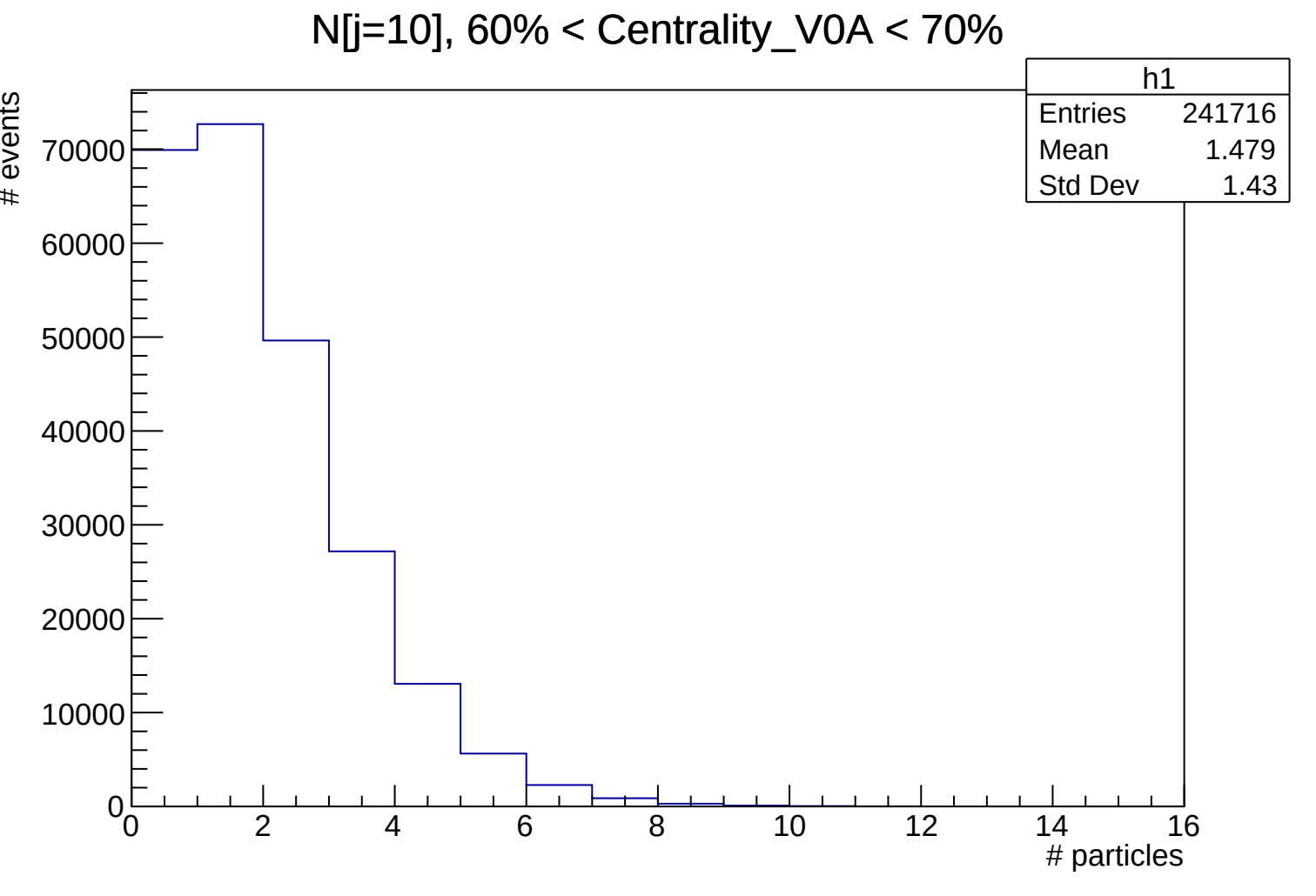
12
14
16
particles


N[j=10], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.479
Std Dev 1.43
events
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60000
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40000
30000
20000
10000
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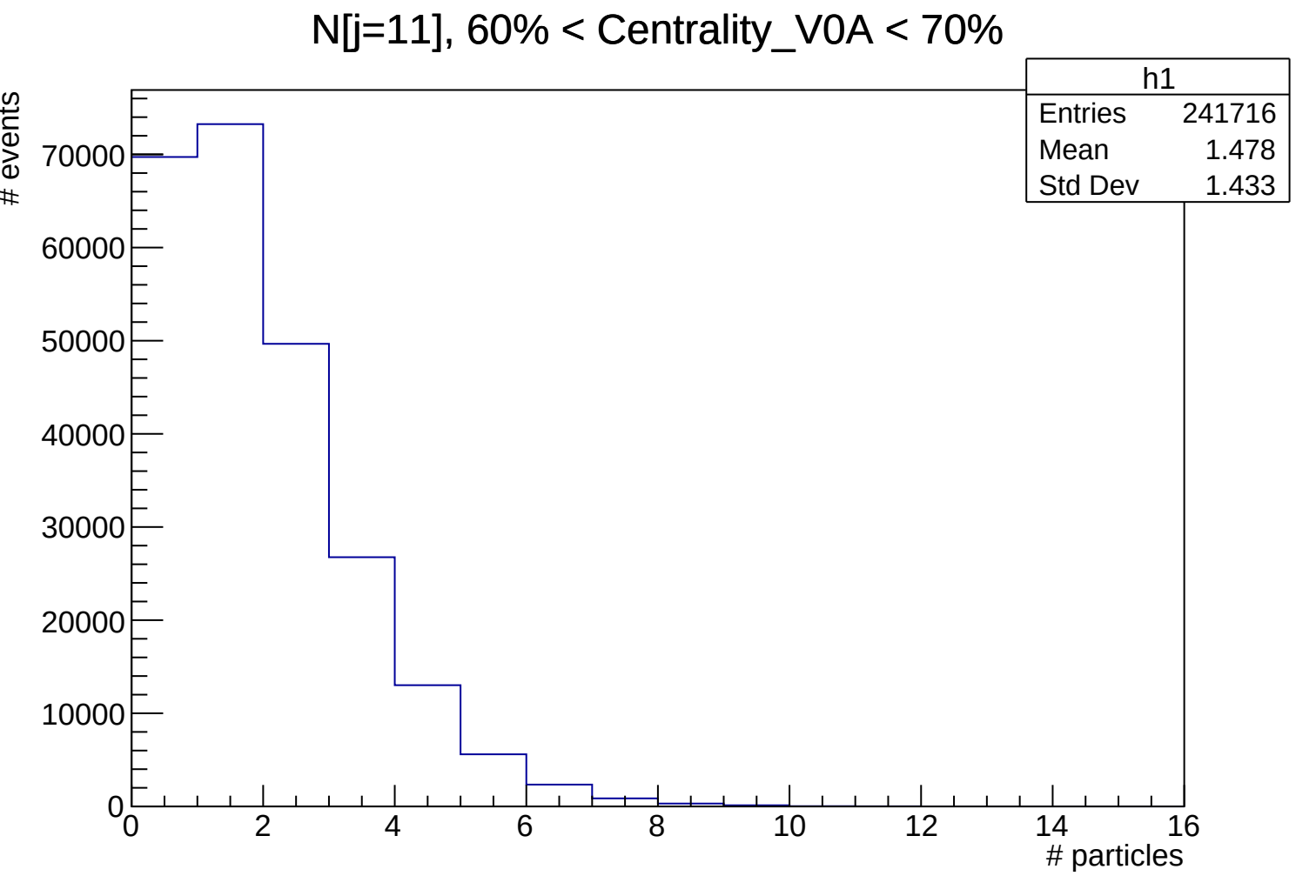
16
particles


N[j=11], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.478
Std Dev 1.433
events
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
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8
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12
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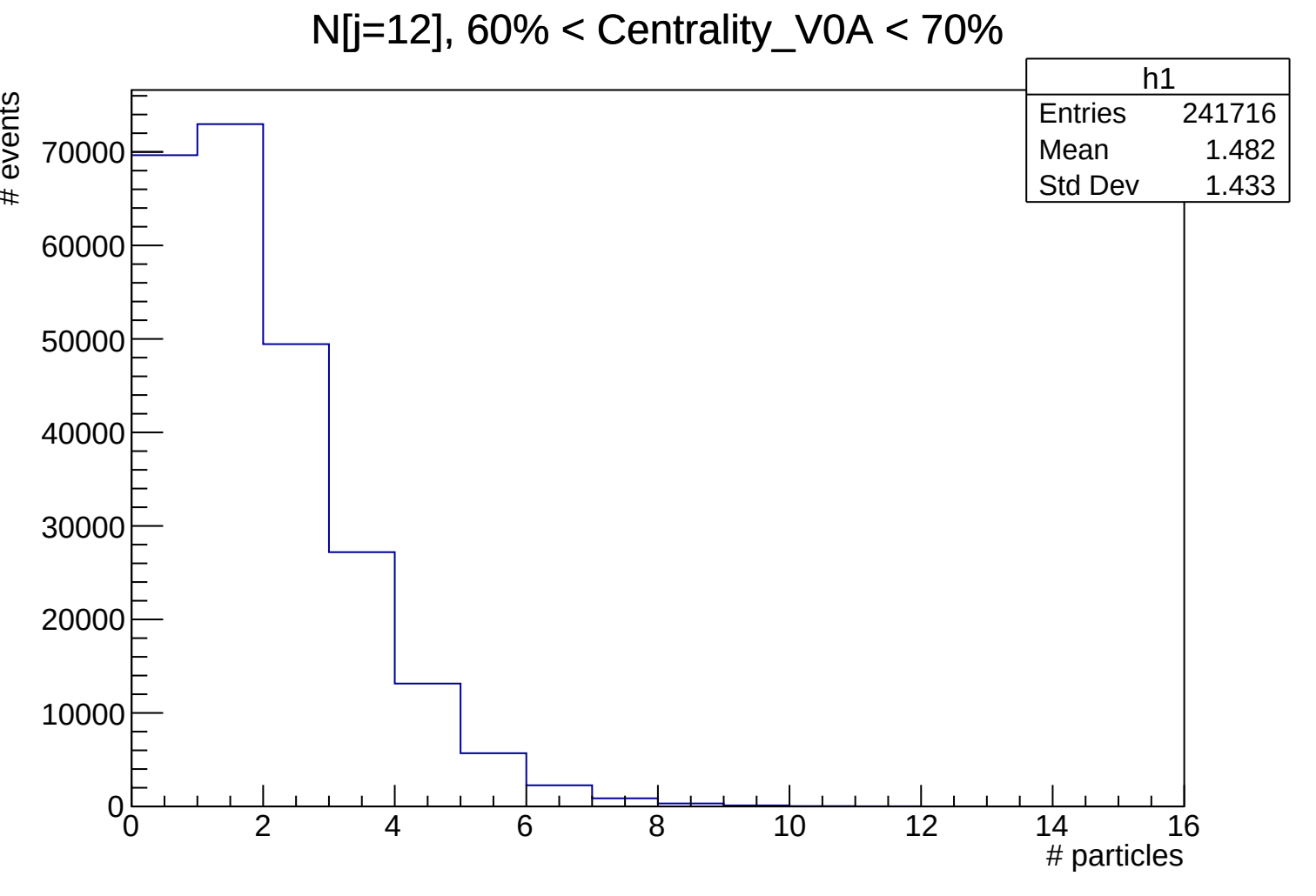
16
particles


N[j=12], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.482
Std Dev 1.433
events
70000
60000
50000
40000
30000
20000
10000
0
0
2
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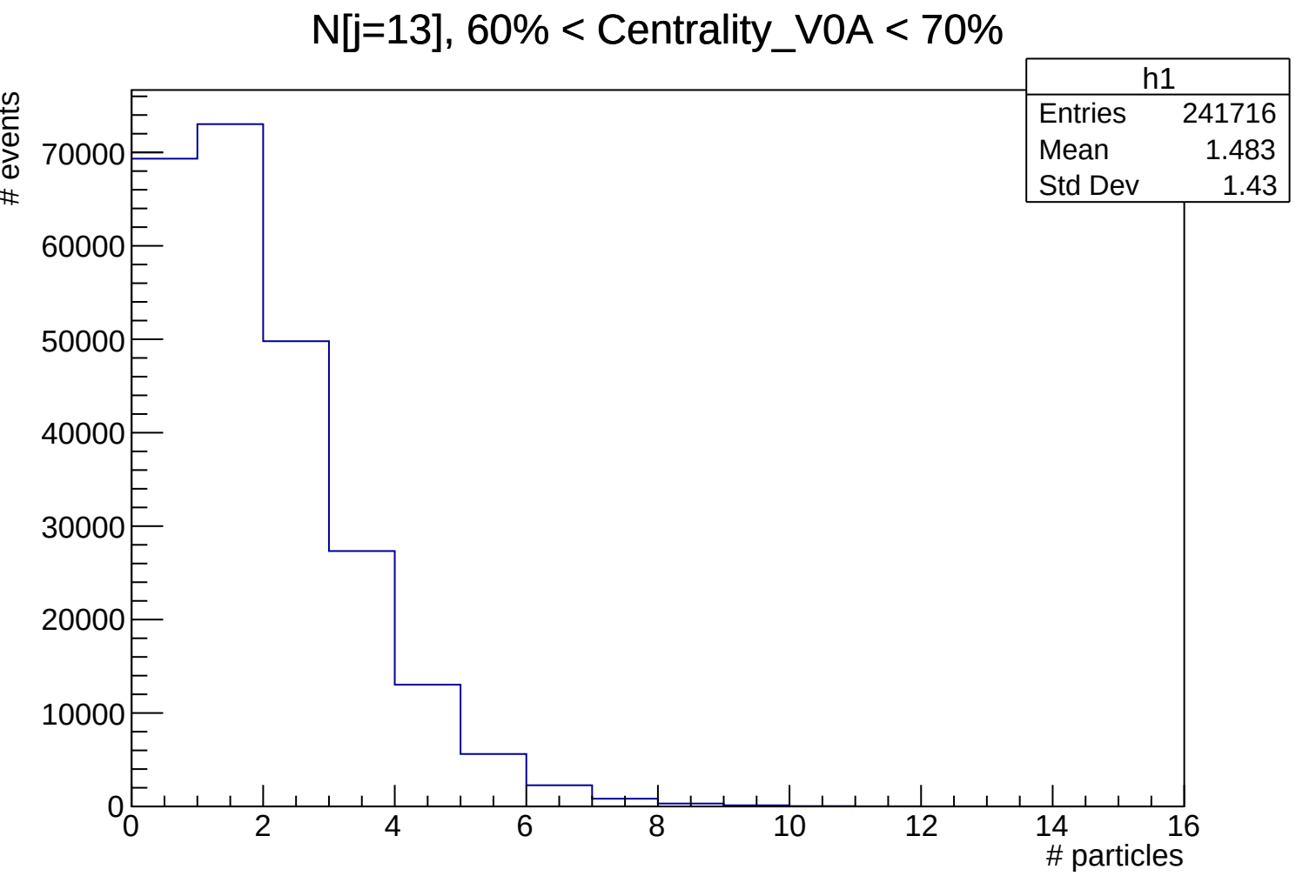
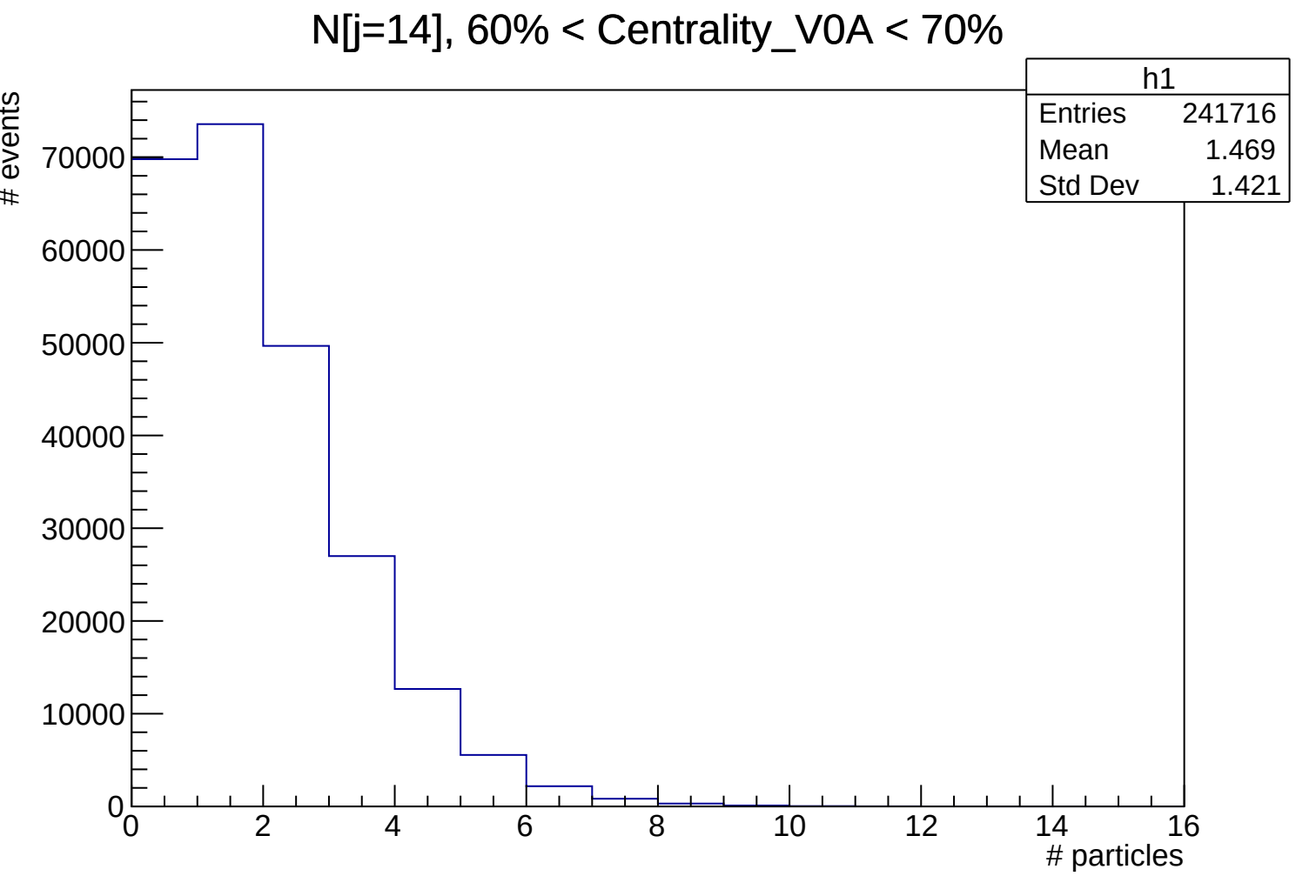
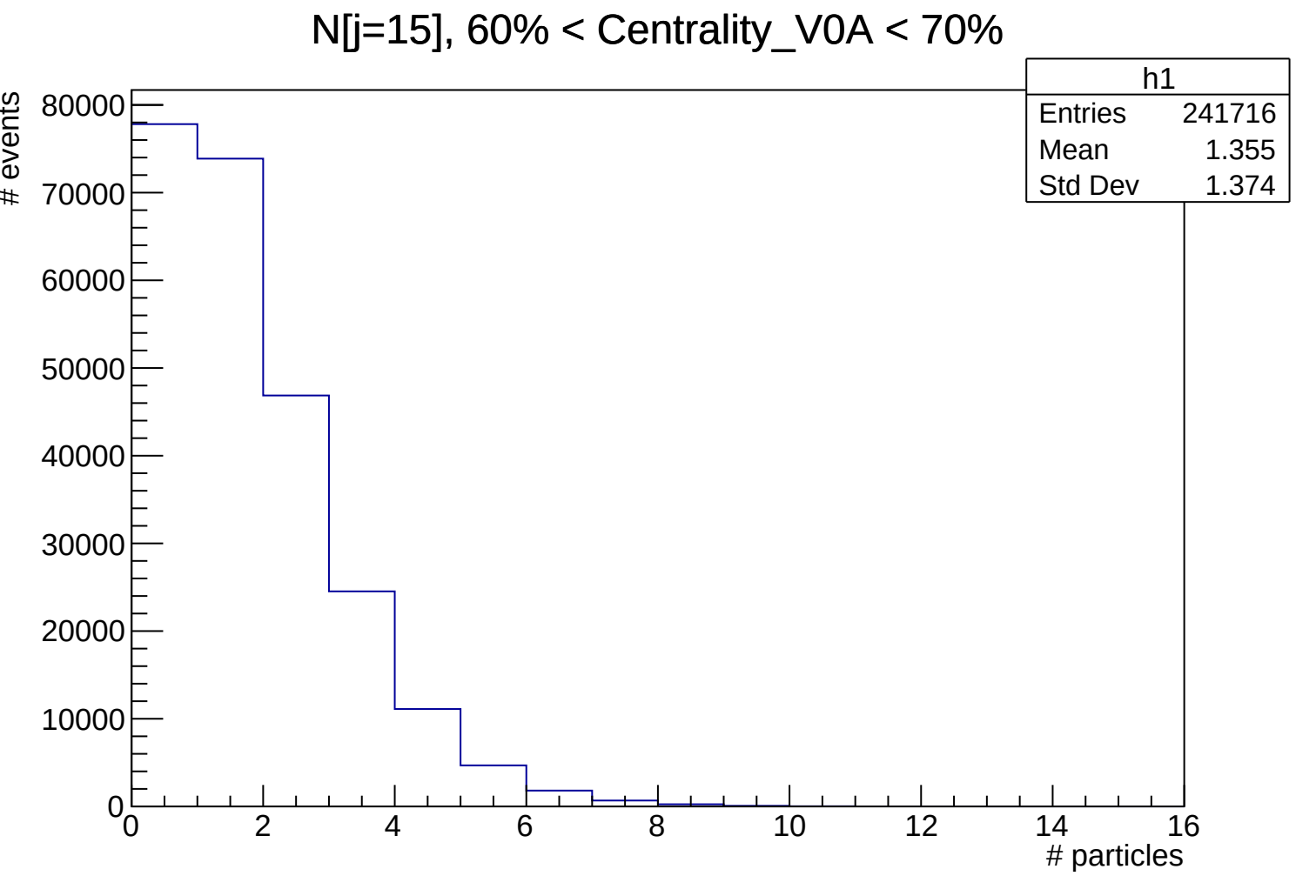
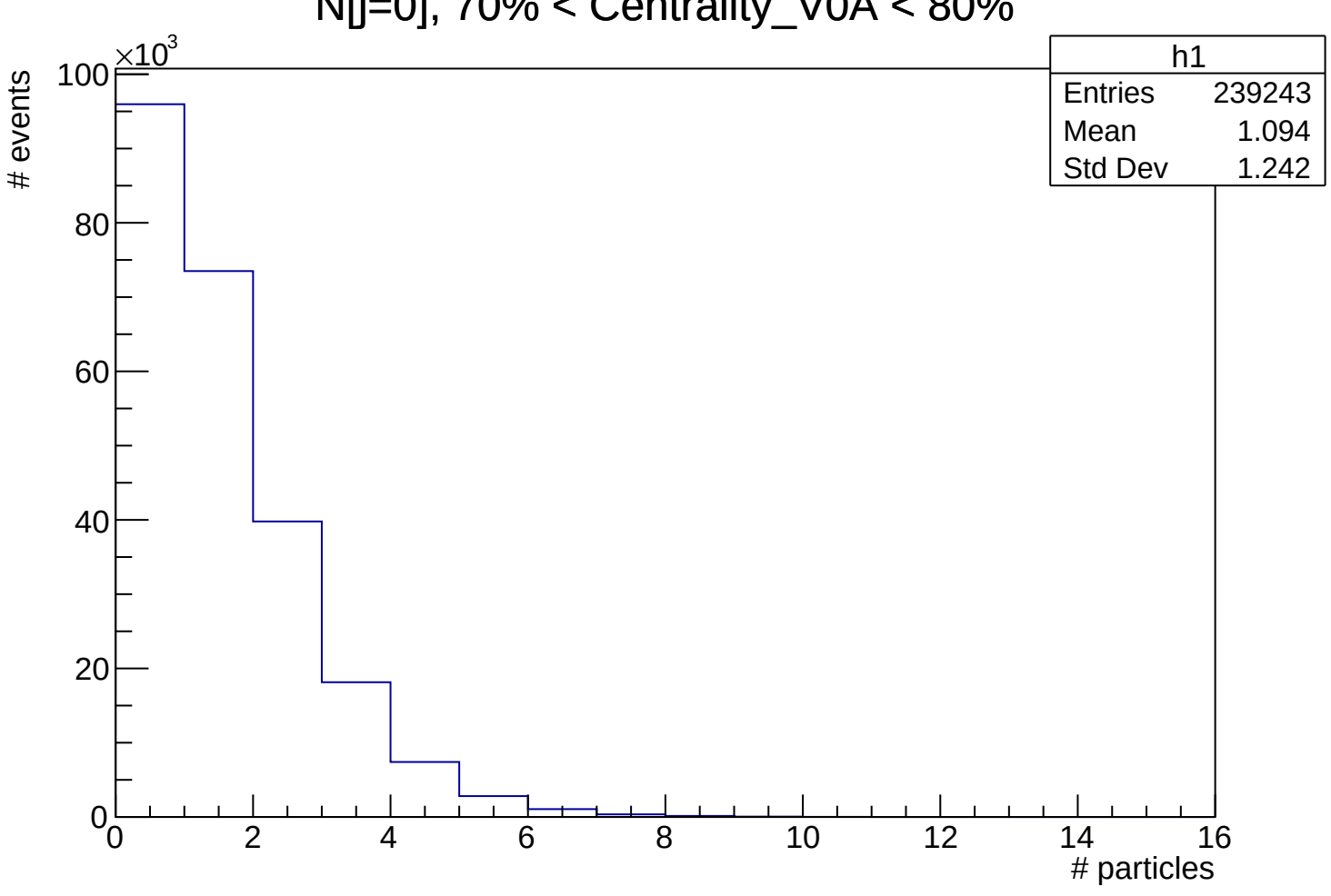
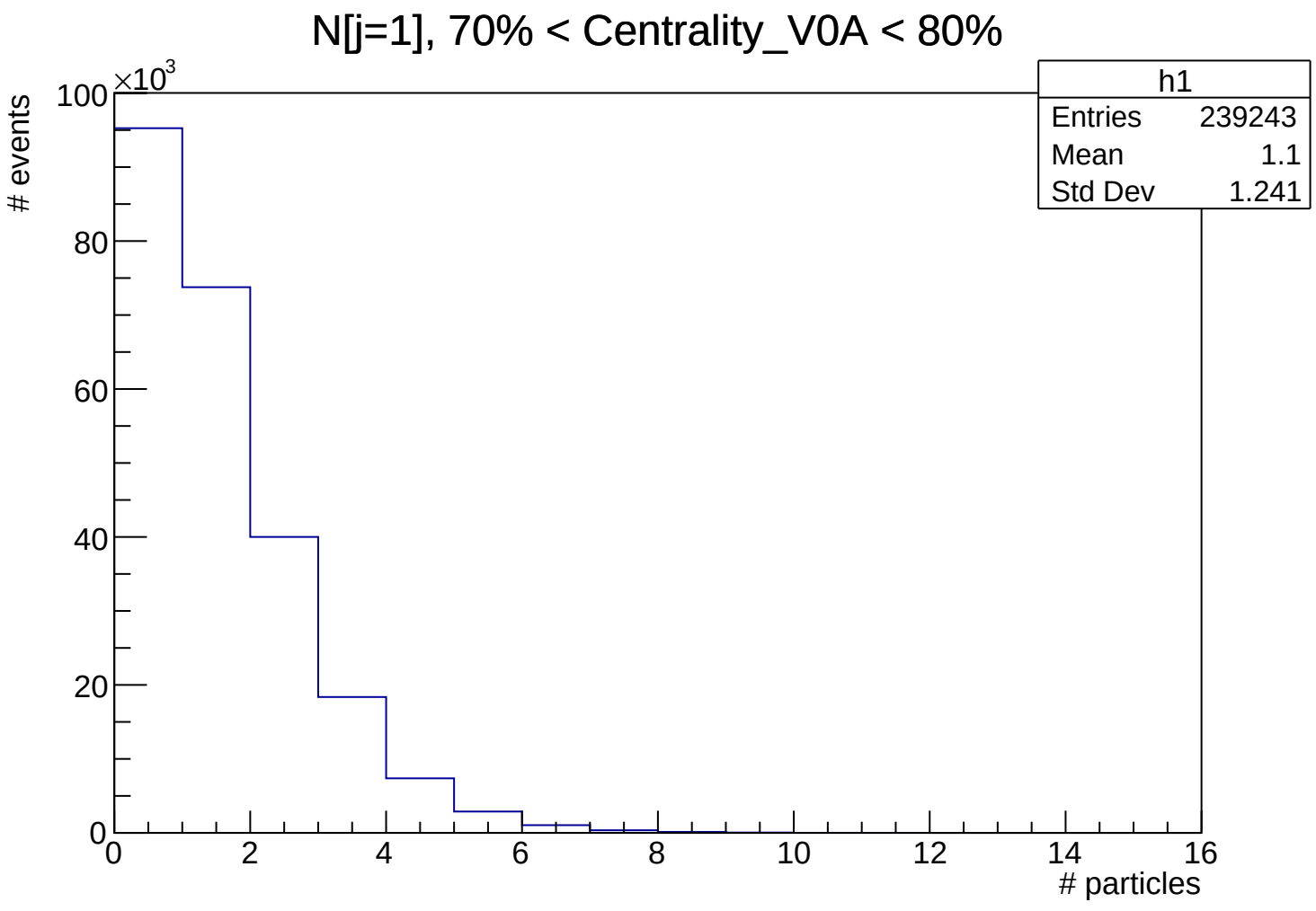
12
14
16
particles

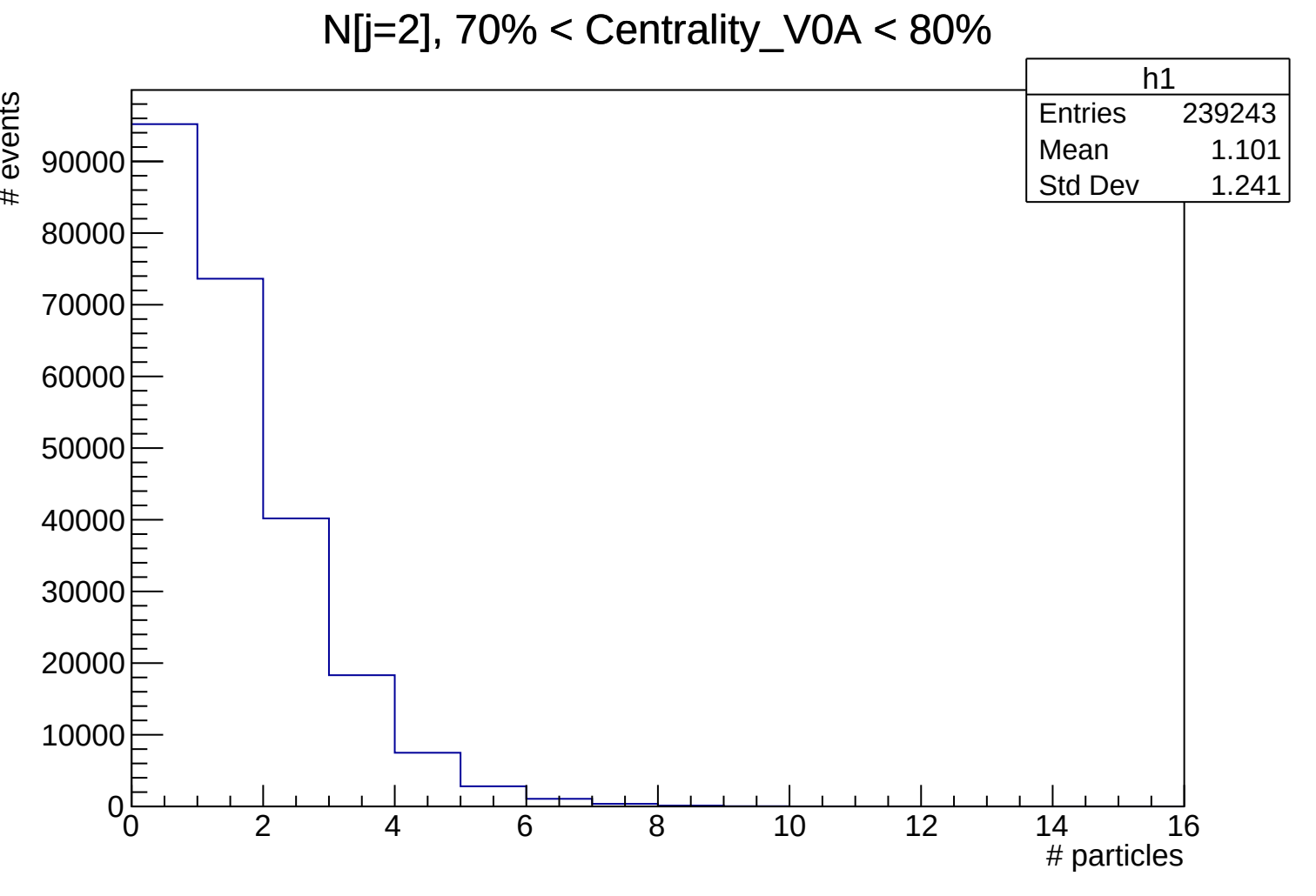

N[j=13], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.483
Std Dev 1.43
events
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

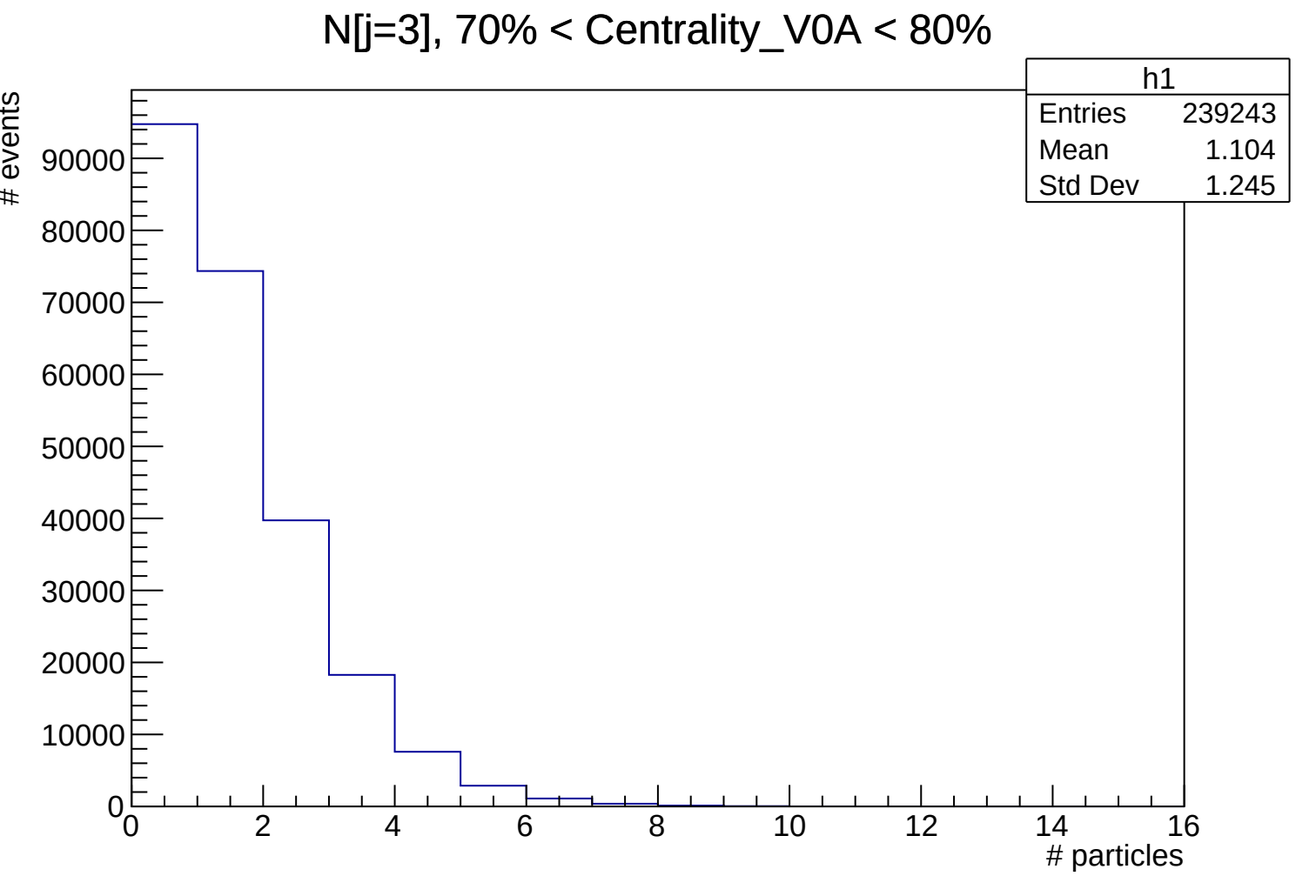

N[j=14], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.469
Std Dev 1.421
events
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

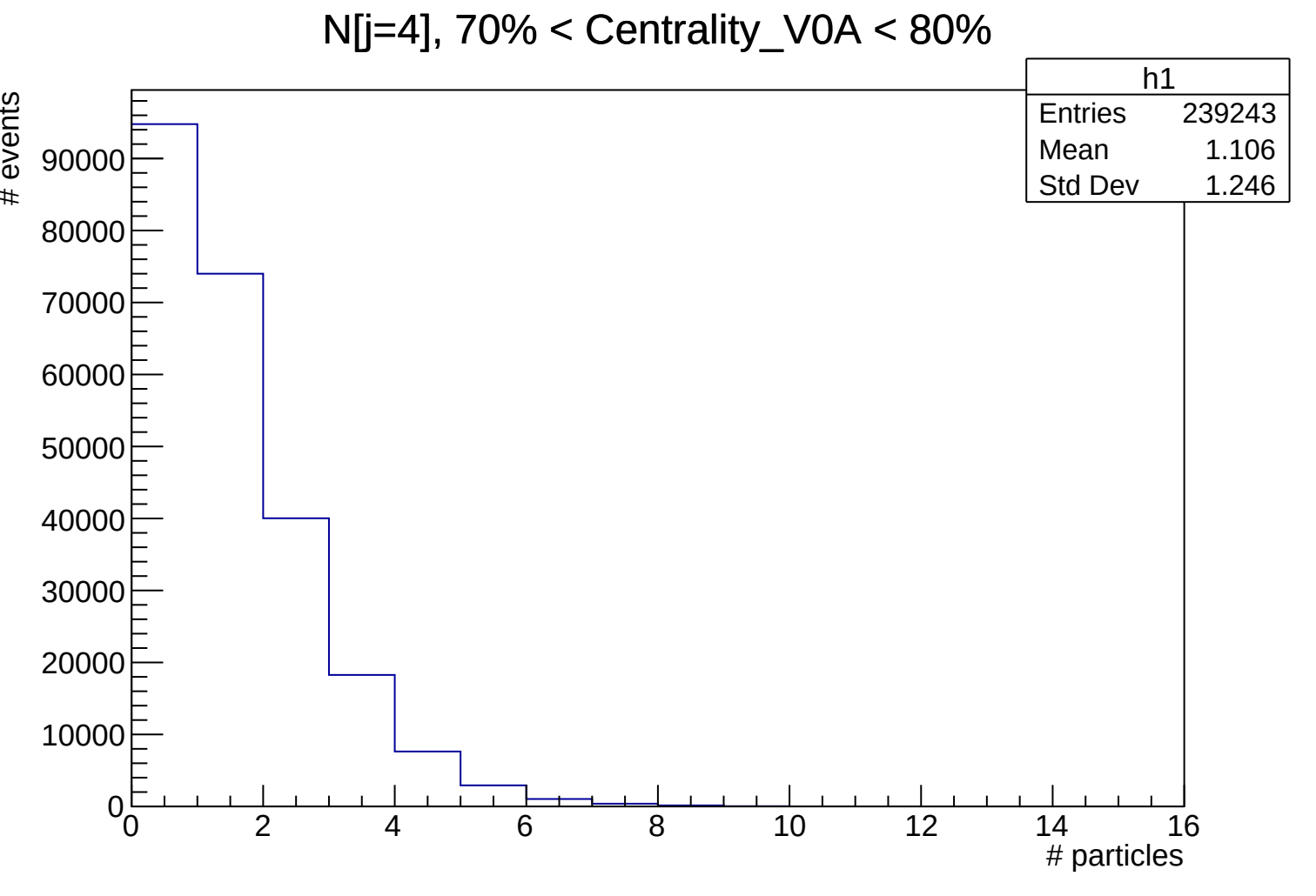

N[j=15], 60% < Centrality_V0A < 70%
h1
Entries 241716
Mean 1.355
Std Dev 1.374
events
80000
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

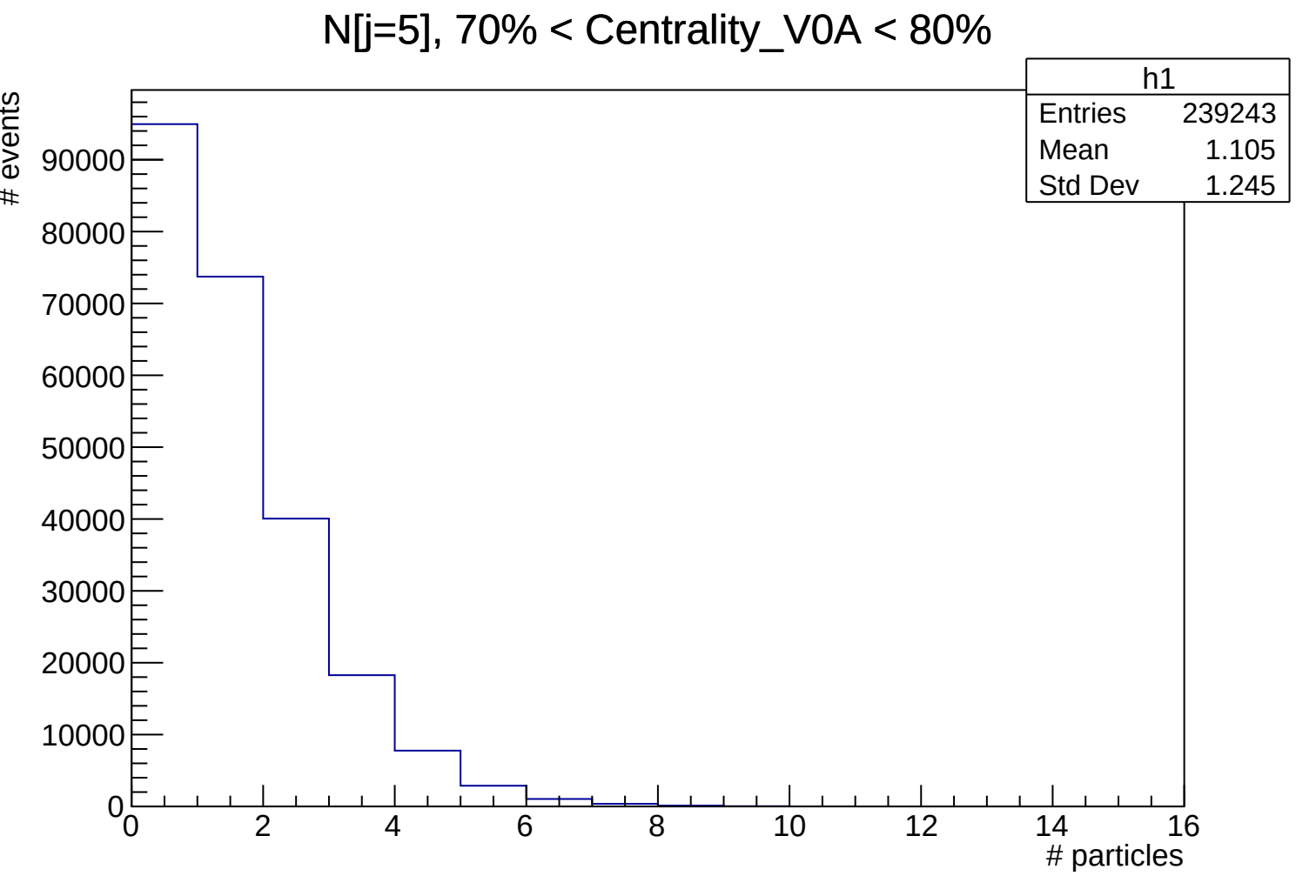

N[j=0], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.094
Std Dev 1.242
events
×10^3
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

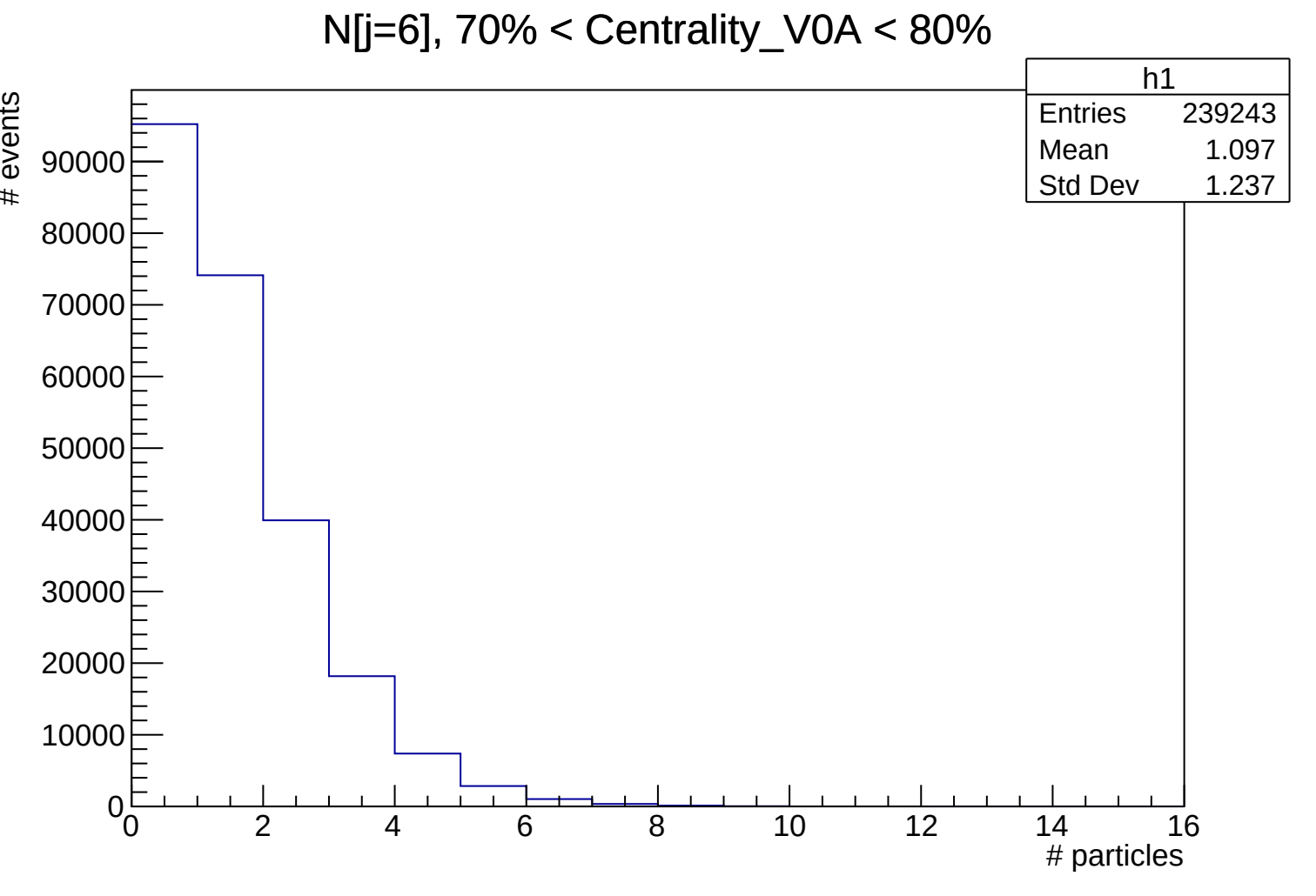

N[j=1], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.1
Std Dev 1.241
events
×10^3
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

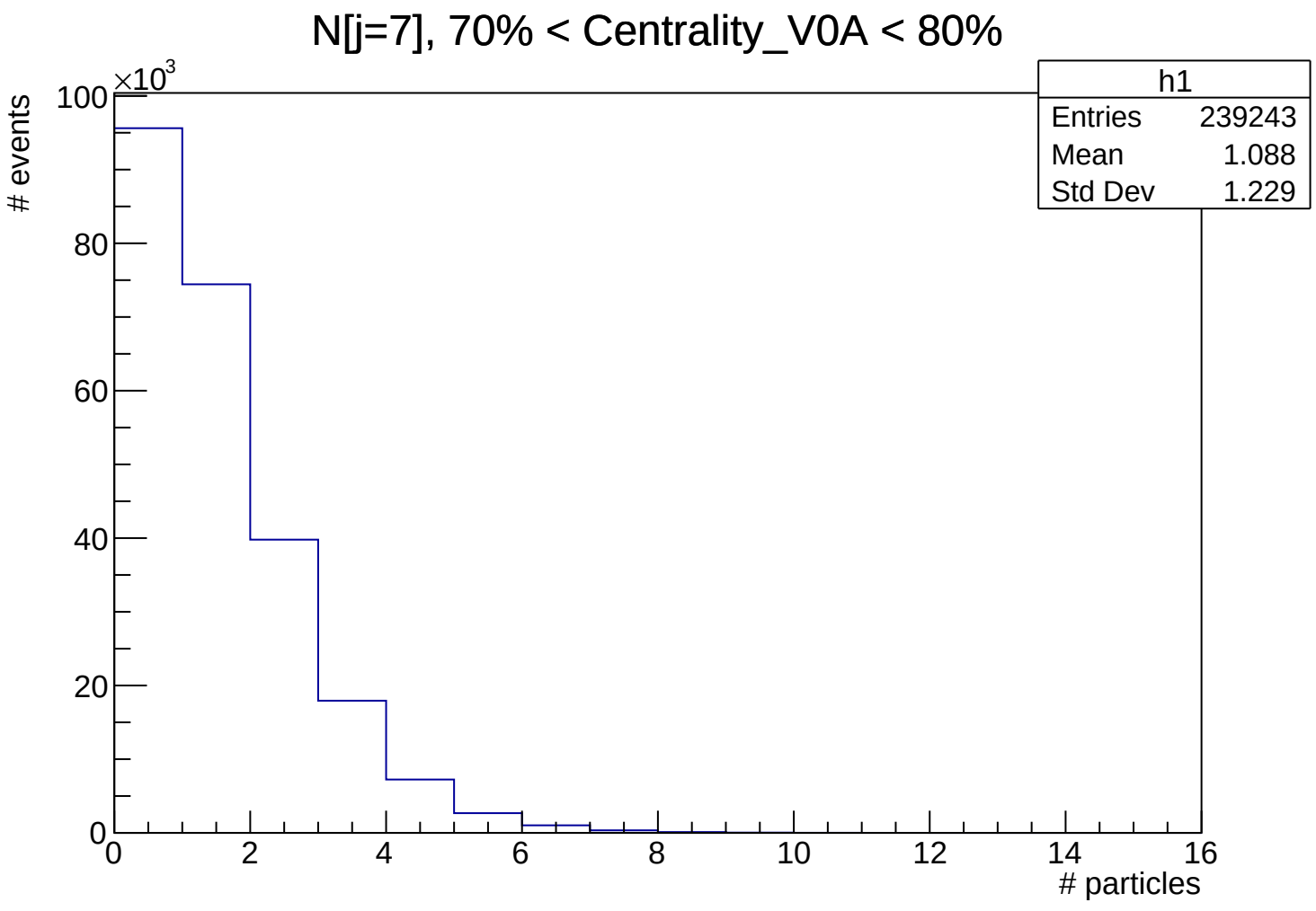

N[j=2], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.101
Std Dev 1.241
events
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

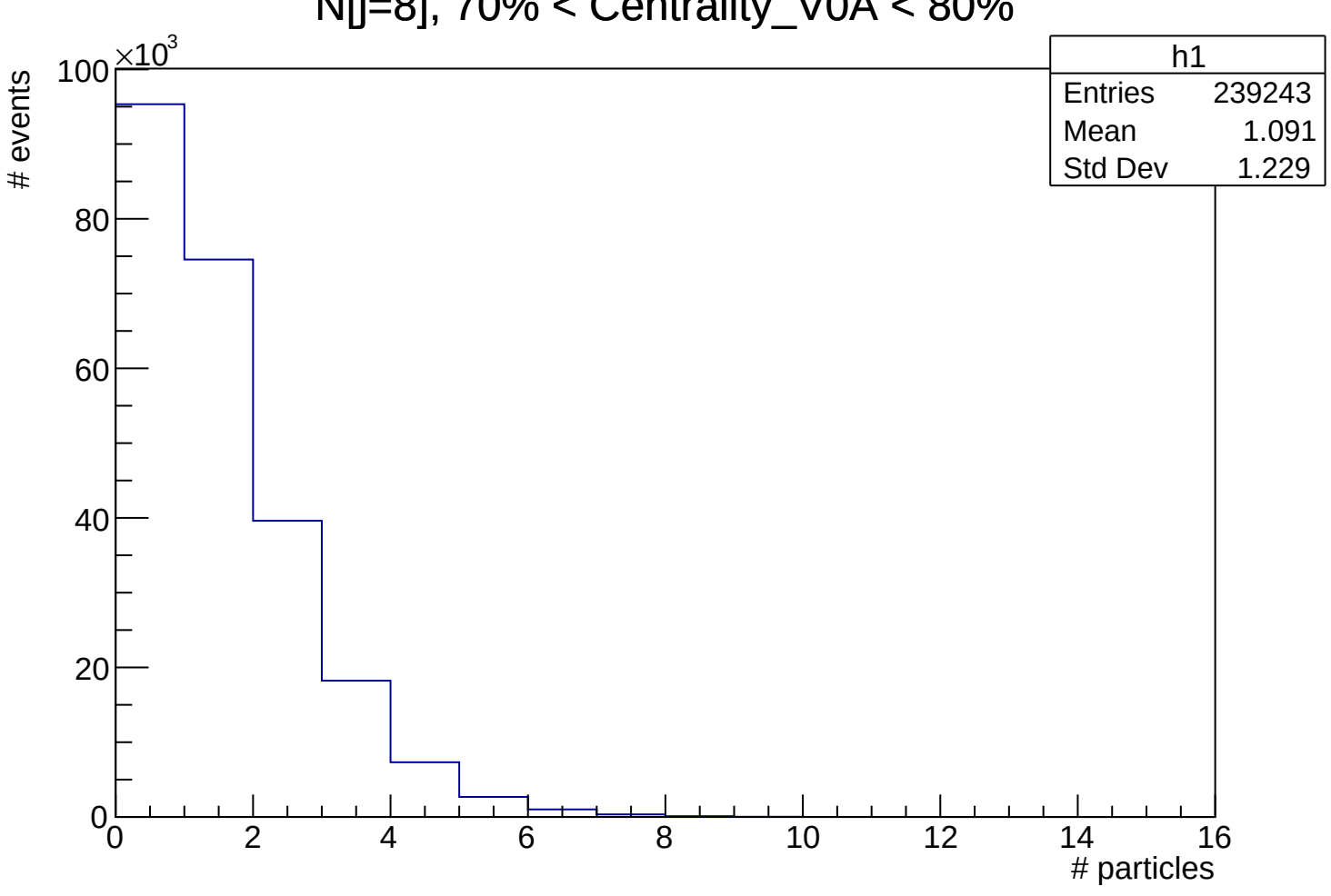

N[j=3], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.104
Std Dev 1.245
events
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

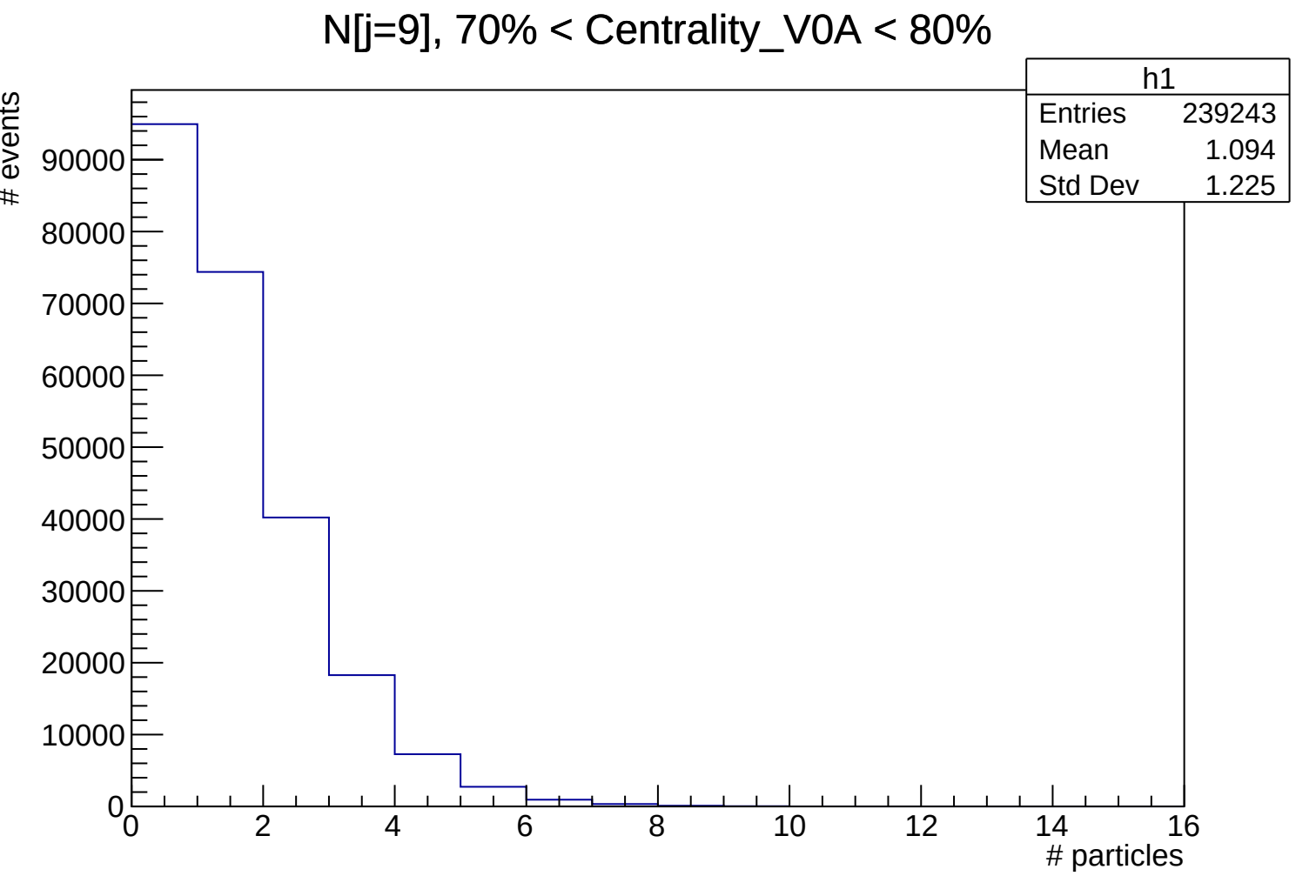

N[j=4], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.106
Std Dev 1.246
events
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

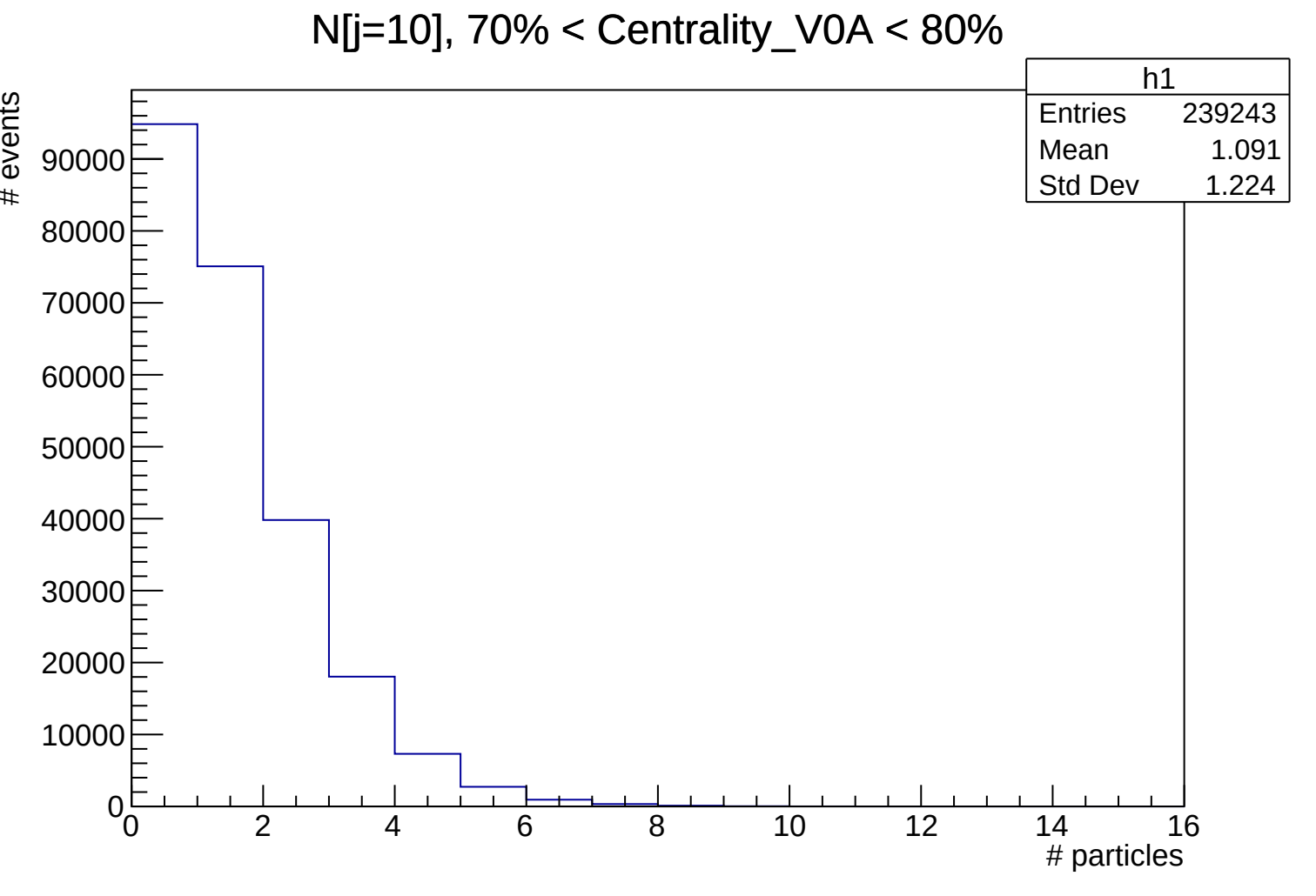

N[j=5], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.105
Std Dev 1.245
events
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

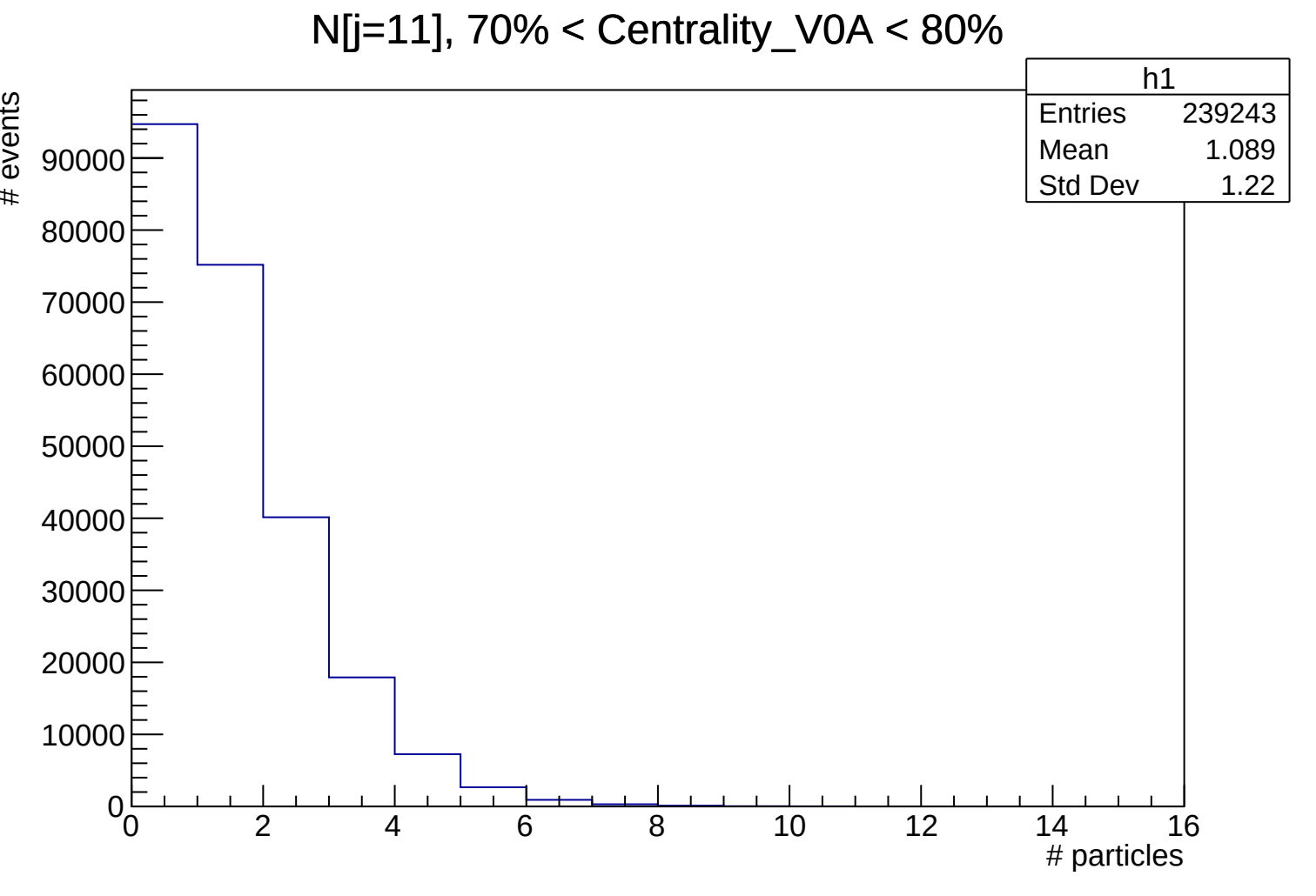

N[j=6], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.097
Std Dev 1.237
events
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

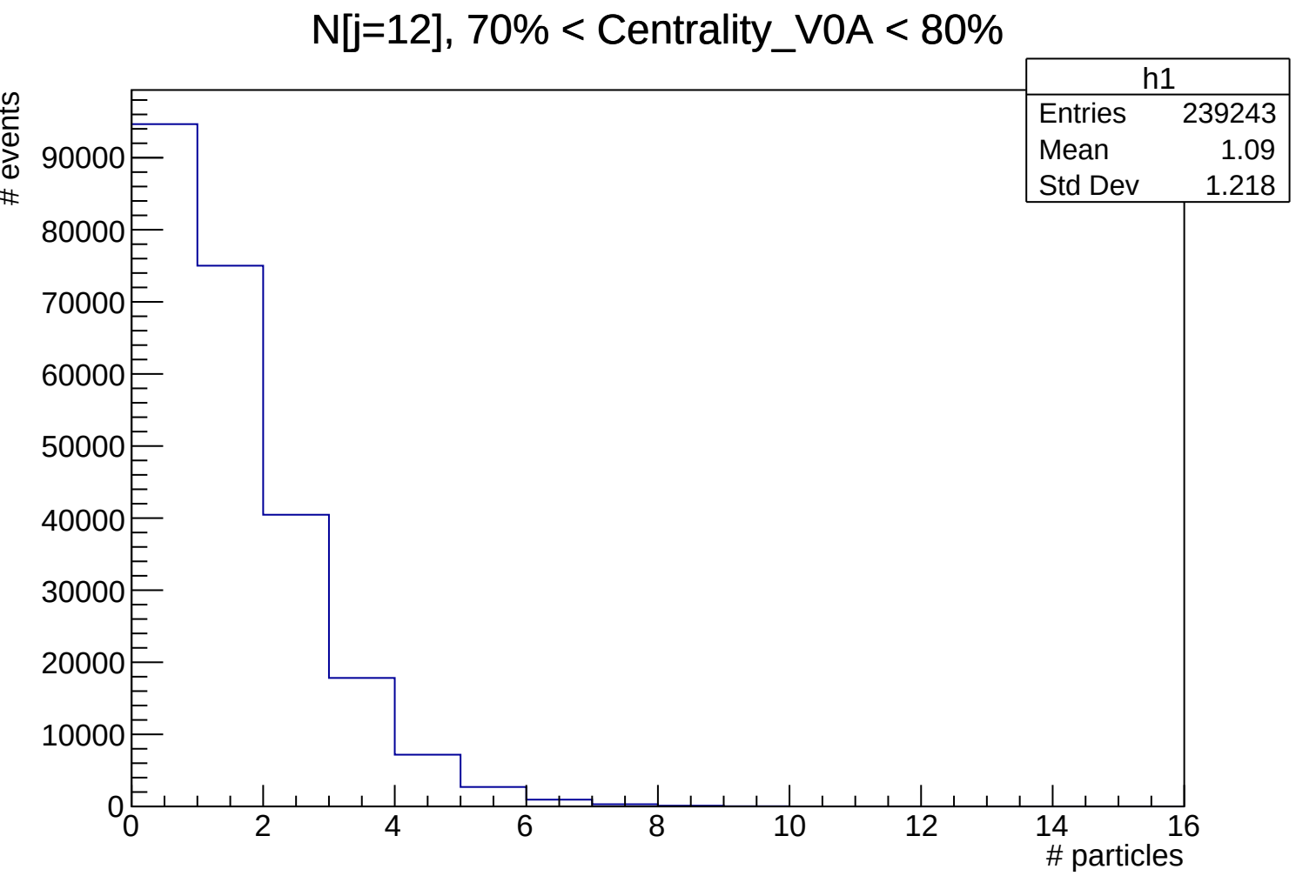

N[j=7], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.088
Std Dev 1.229
events
×10^3
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

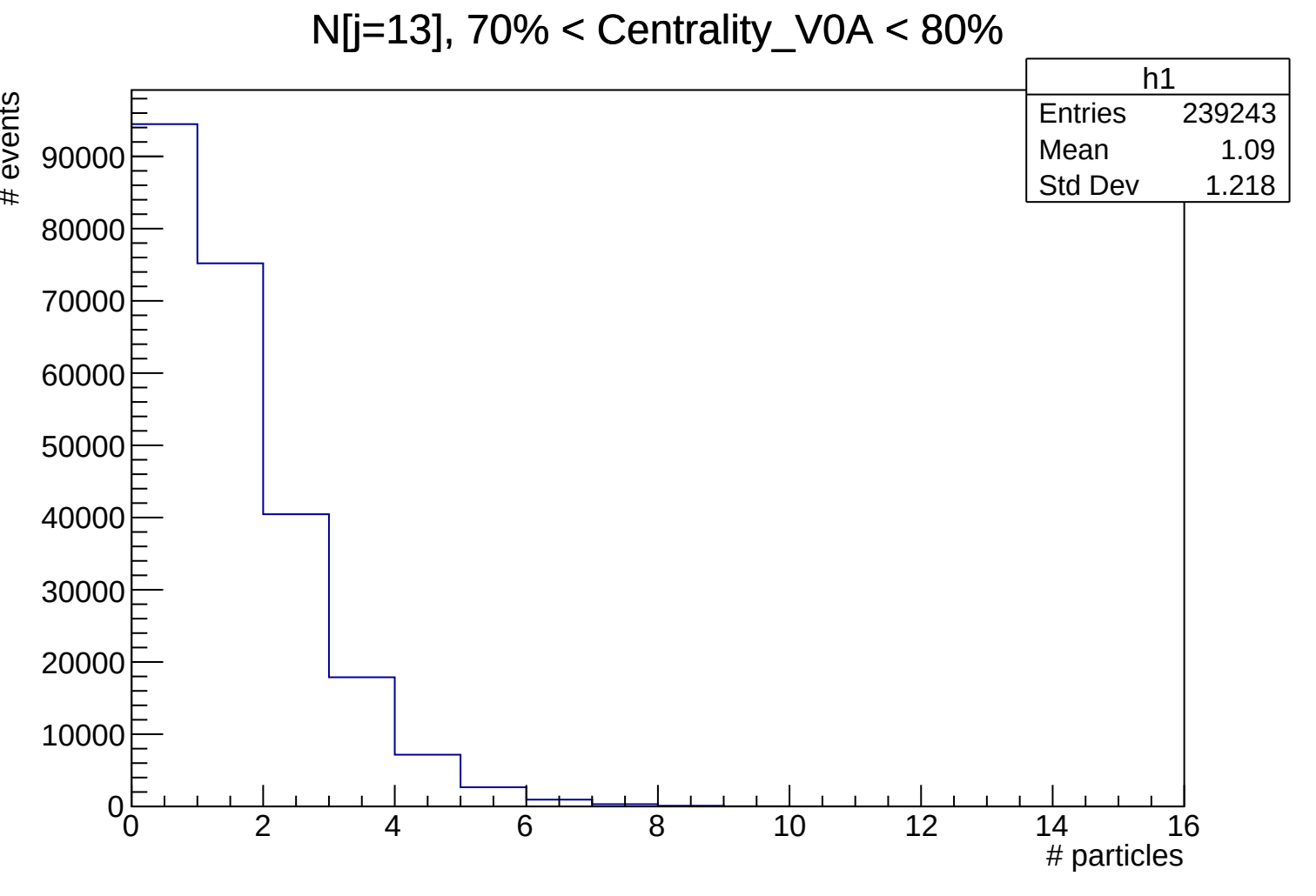

N[j=8], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.091
Std Dev 1.229
events
×10^3
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

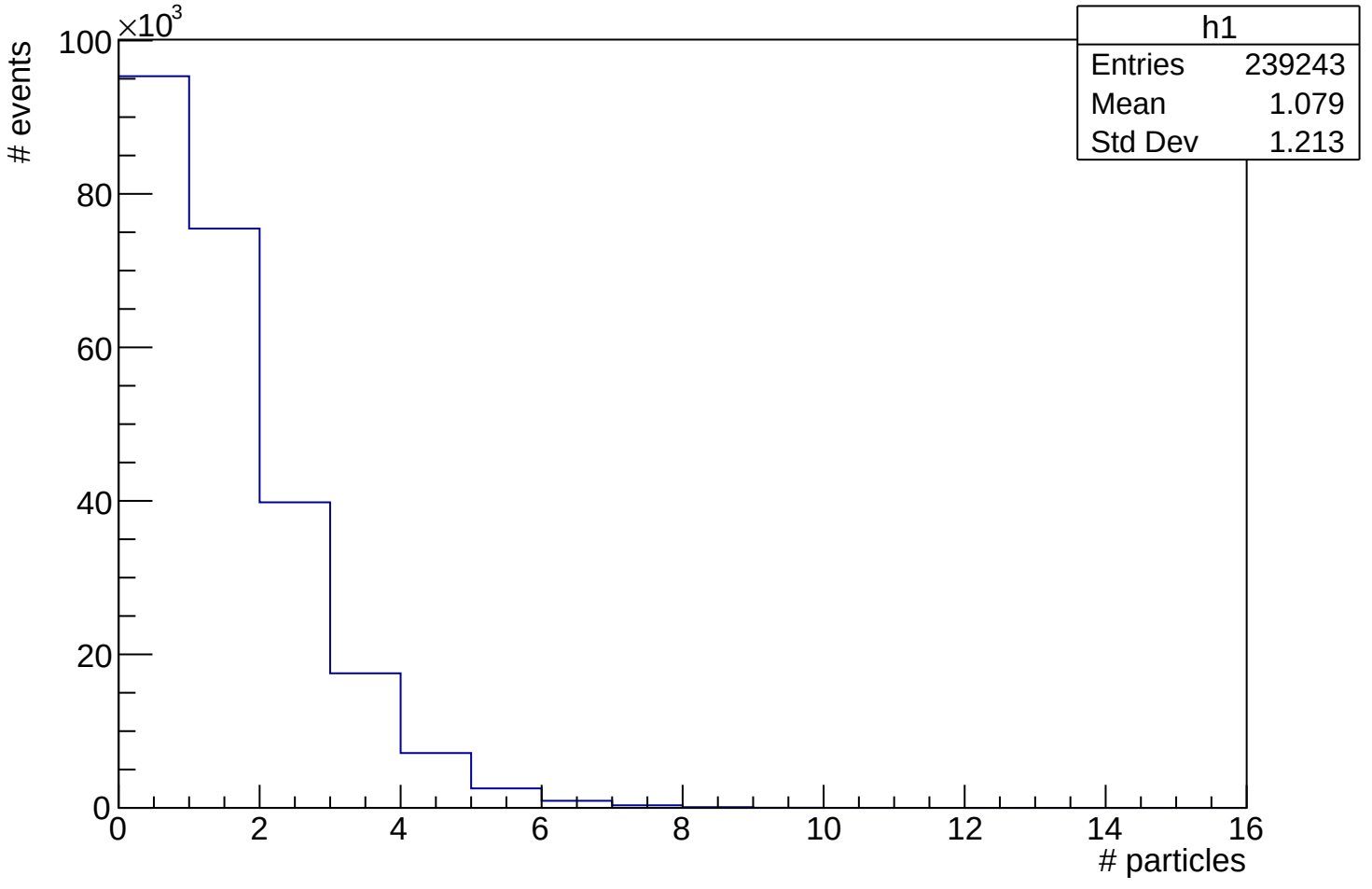

N[j=9], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.094
Std Dev 1.225
events
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

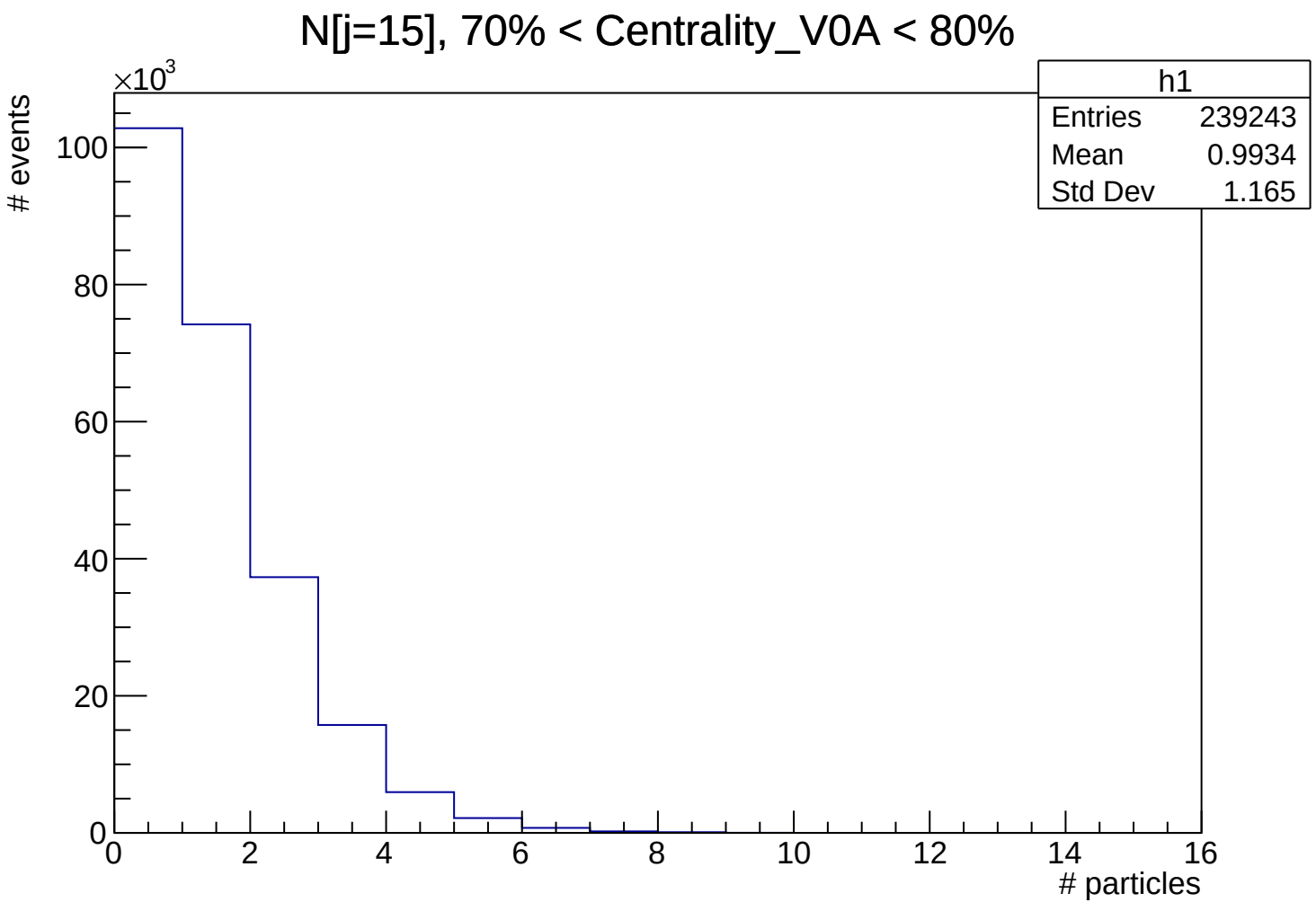

N[j=10], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.091
Std Dev 1.224
events
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

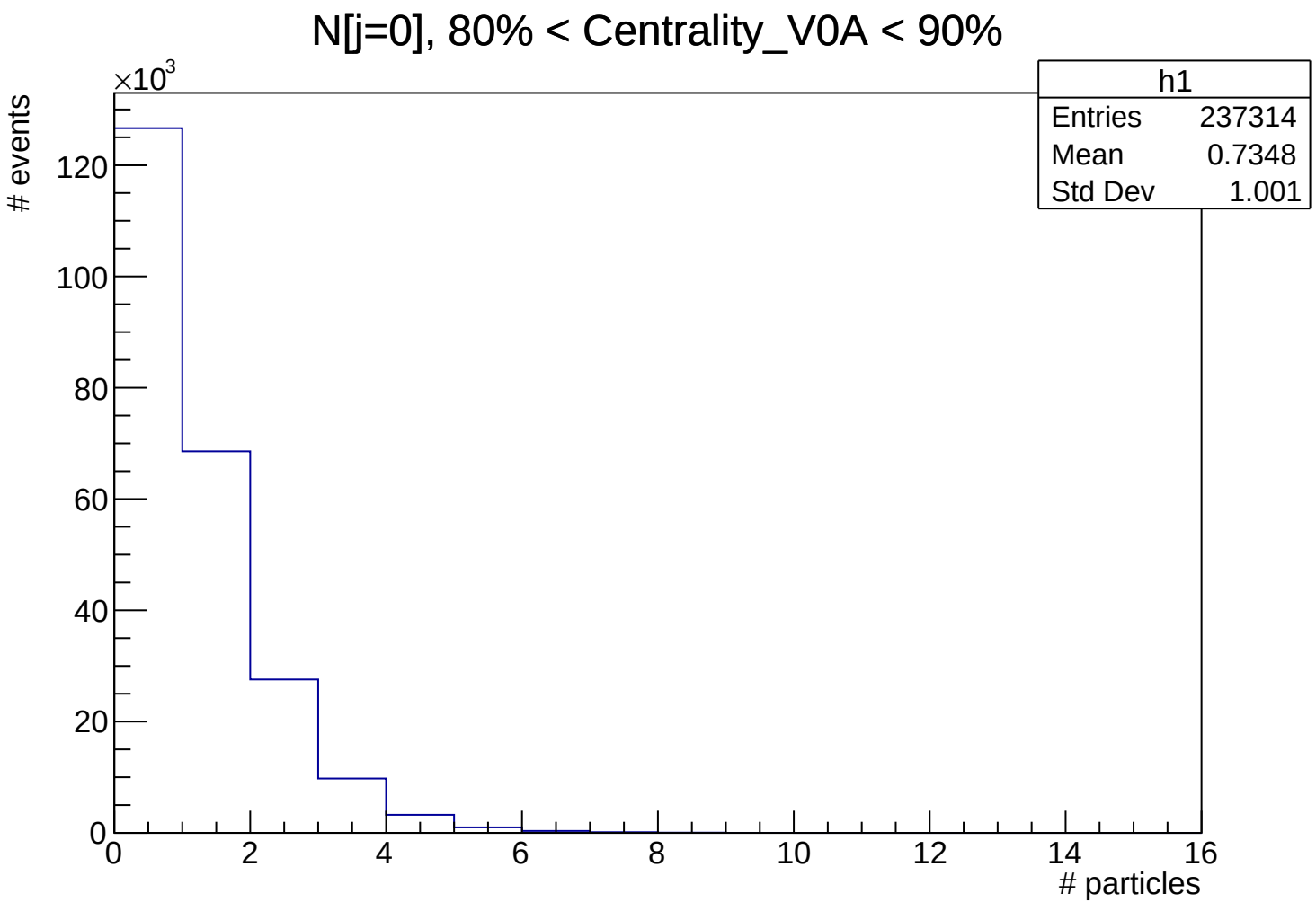

N[j=11], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.089
Std Dev 1.22
events
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

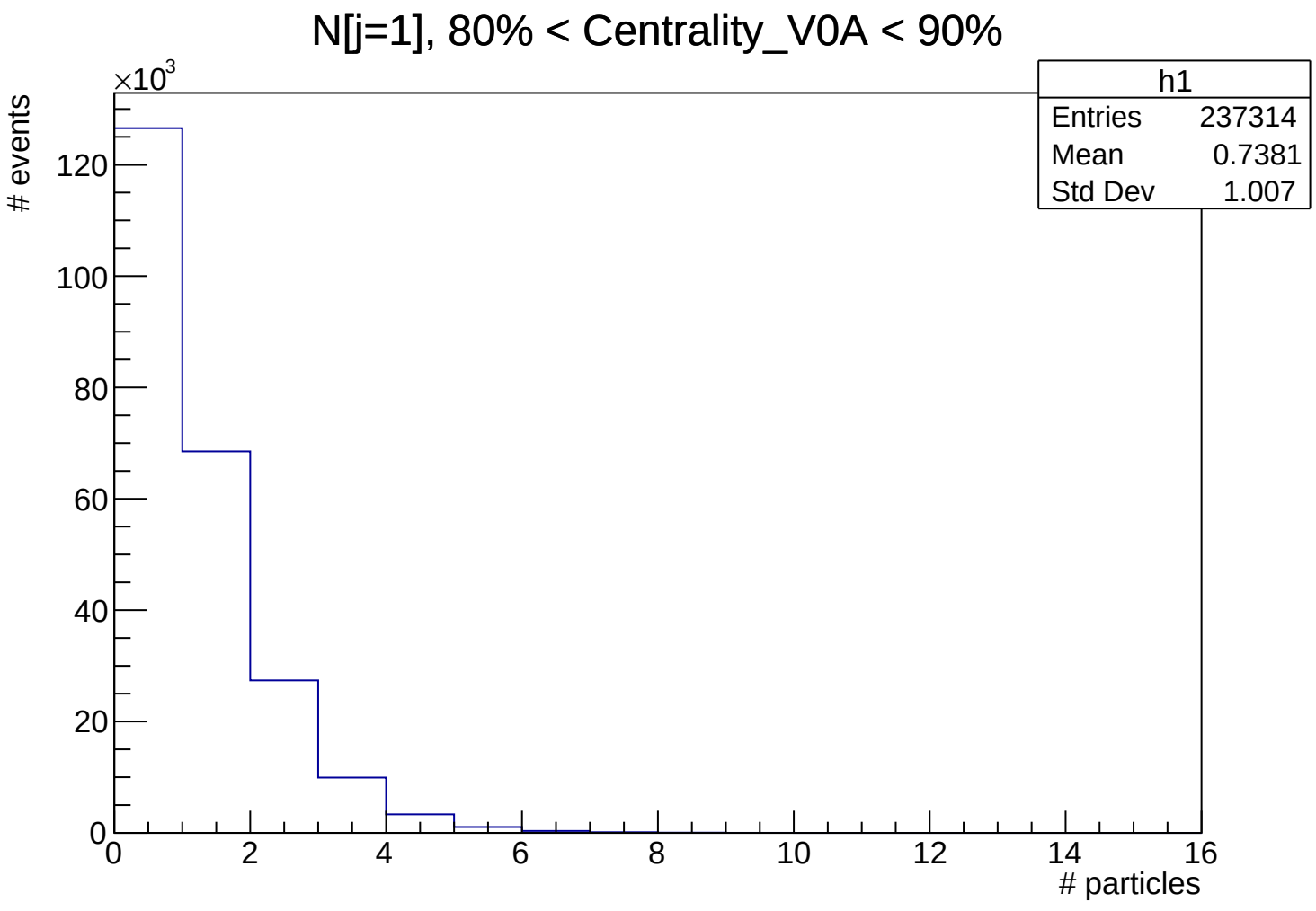

N[j=12], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.09
Std Dev 1.218
events
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

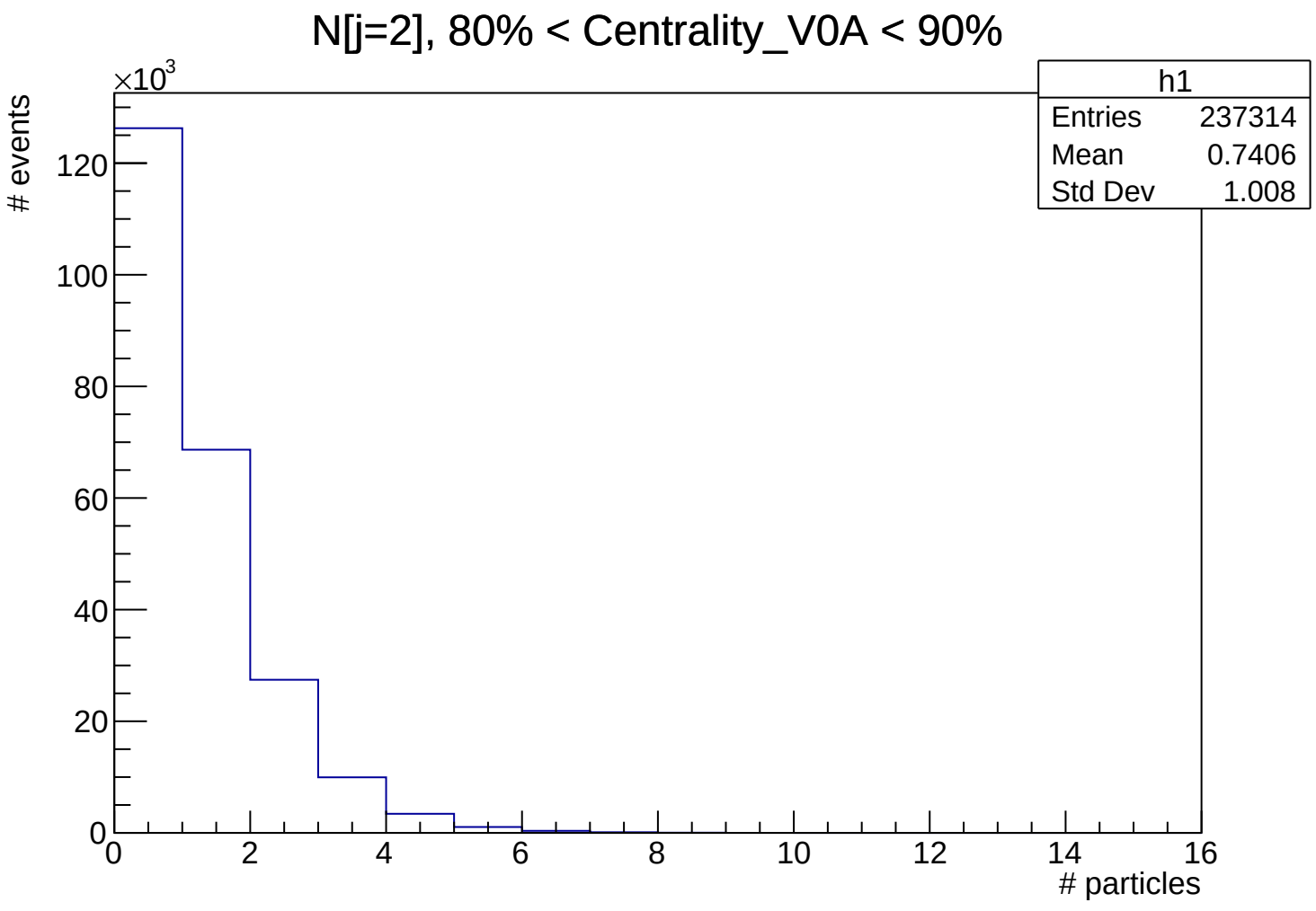

N[j=13], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.09
Std Dev 1.218
events
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
12
14
16
particles

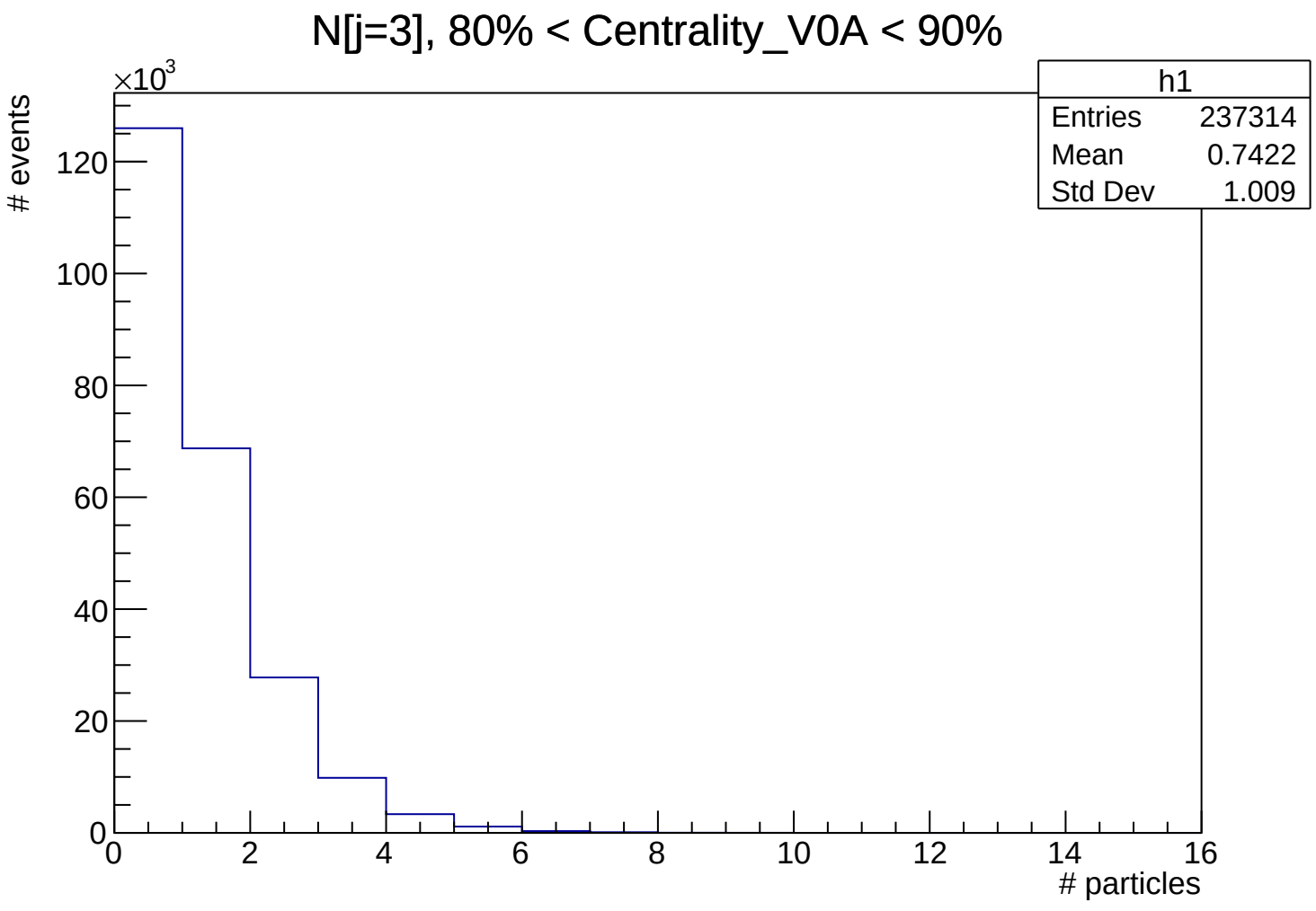

N[j=14], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 1.079
Std Dev 1.213
events
×10^3
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

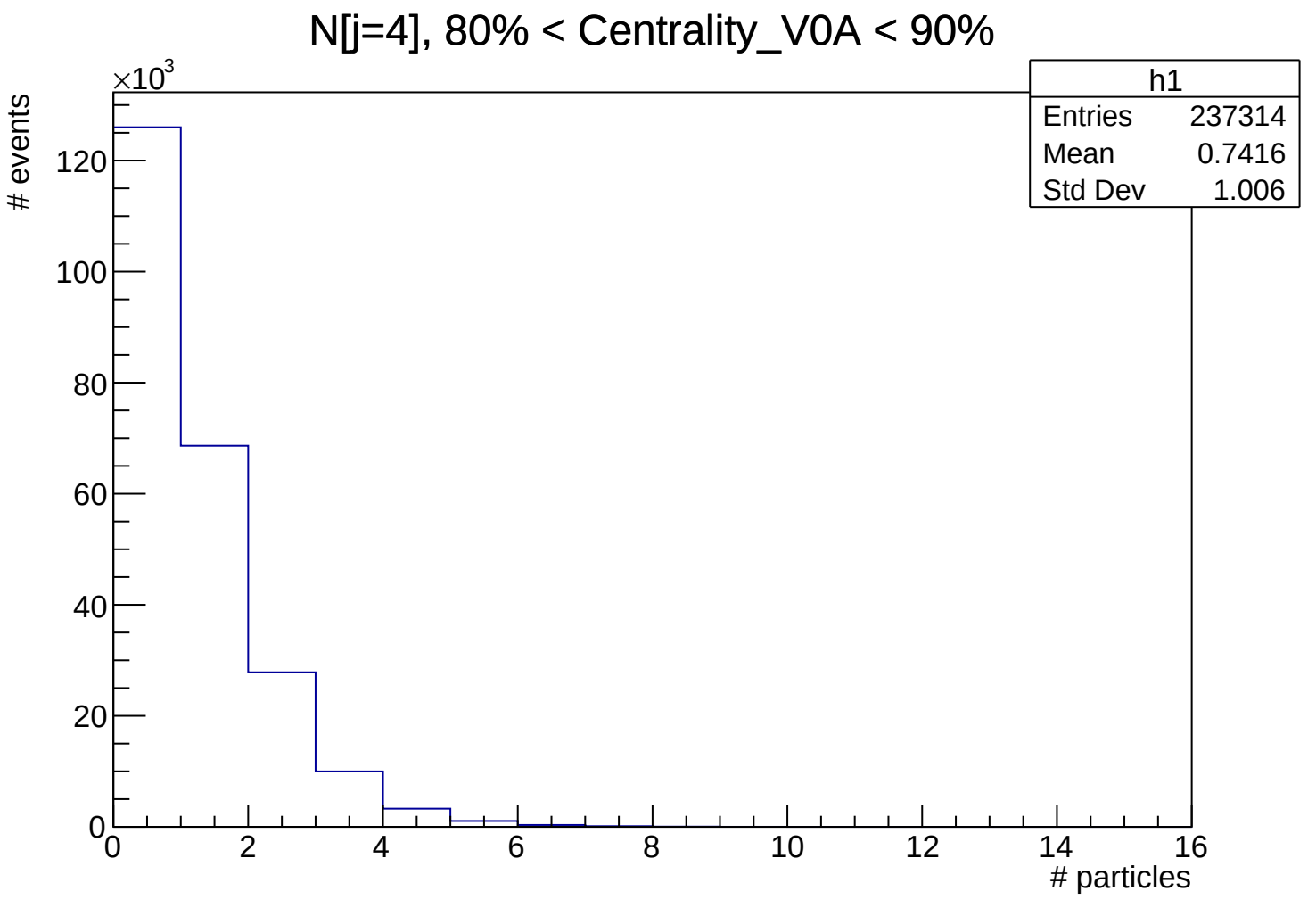

N[j=15], 70% < Centrality_V0A < 80%
h1
Entries 239243
Mean 0.9934
Std Dev 1.165
×10^3
events
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

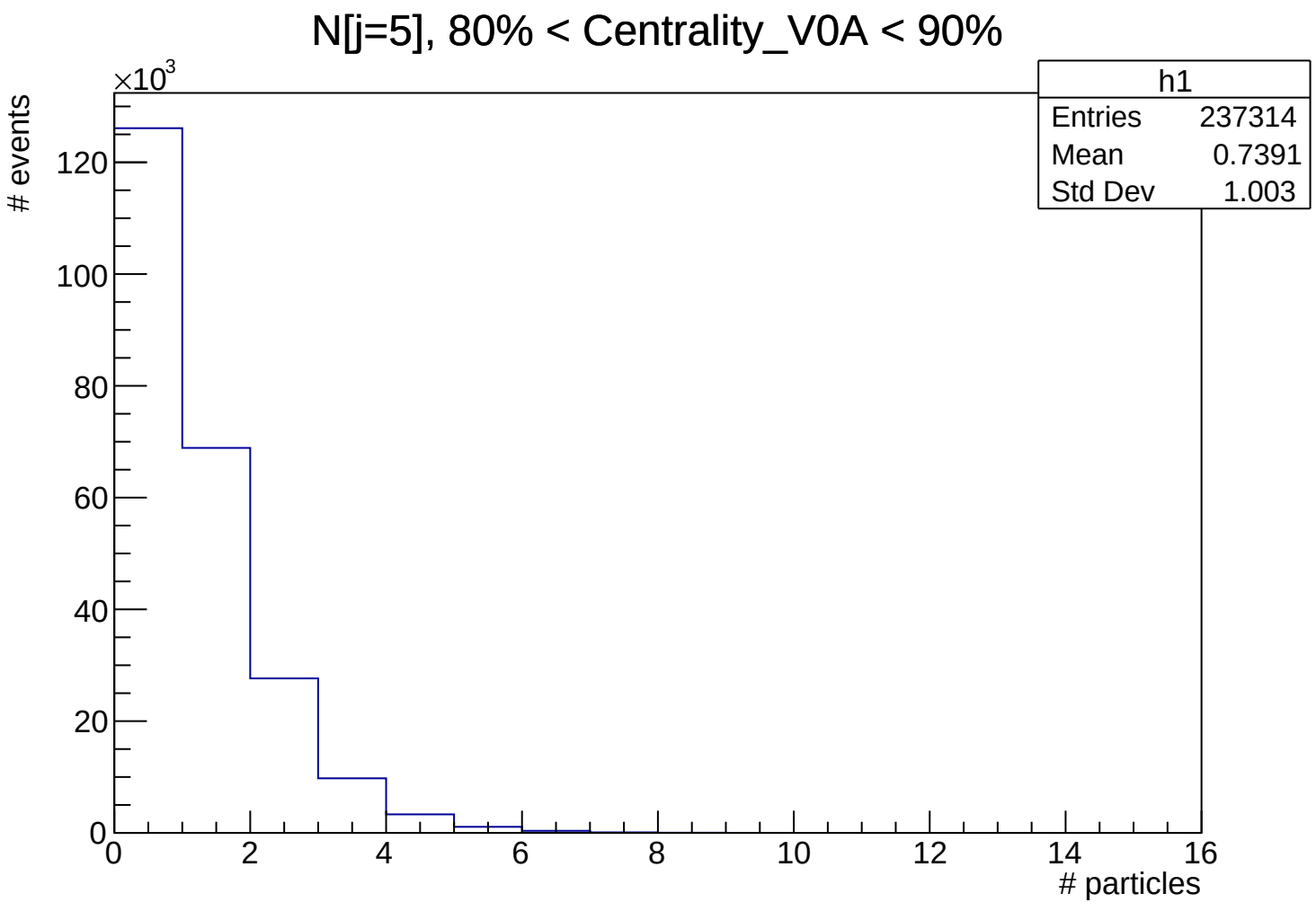

N[j=0], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7348
Std Dev 1.001
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

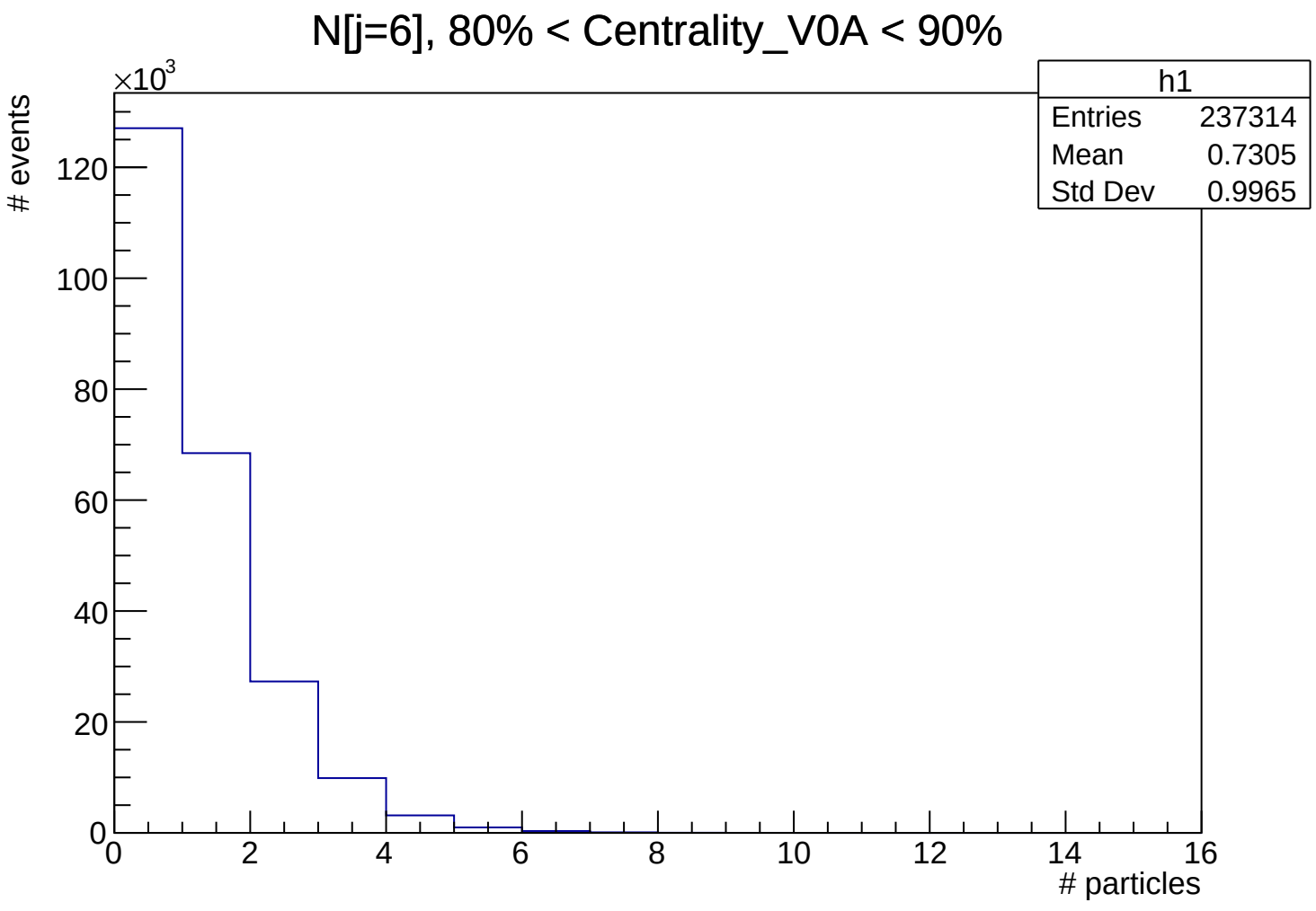

N[j=1], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7381
Std Dev 1.007
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

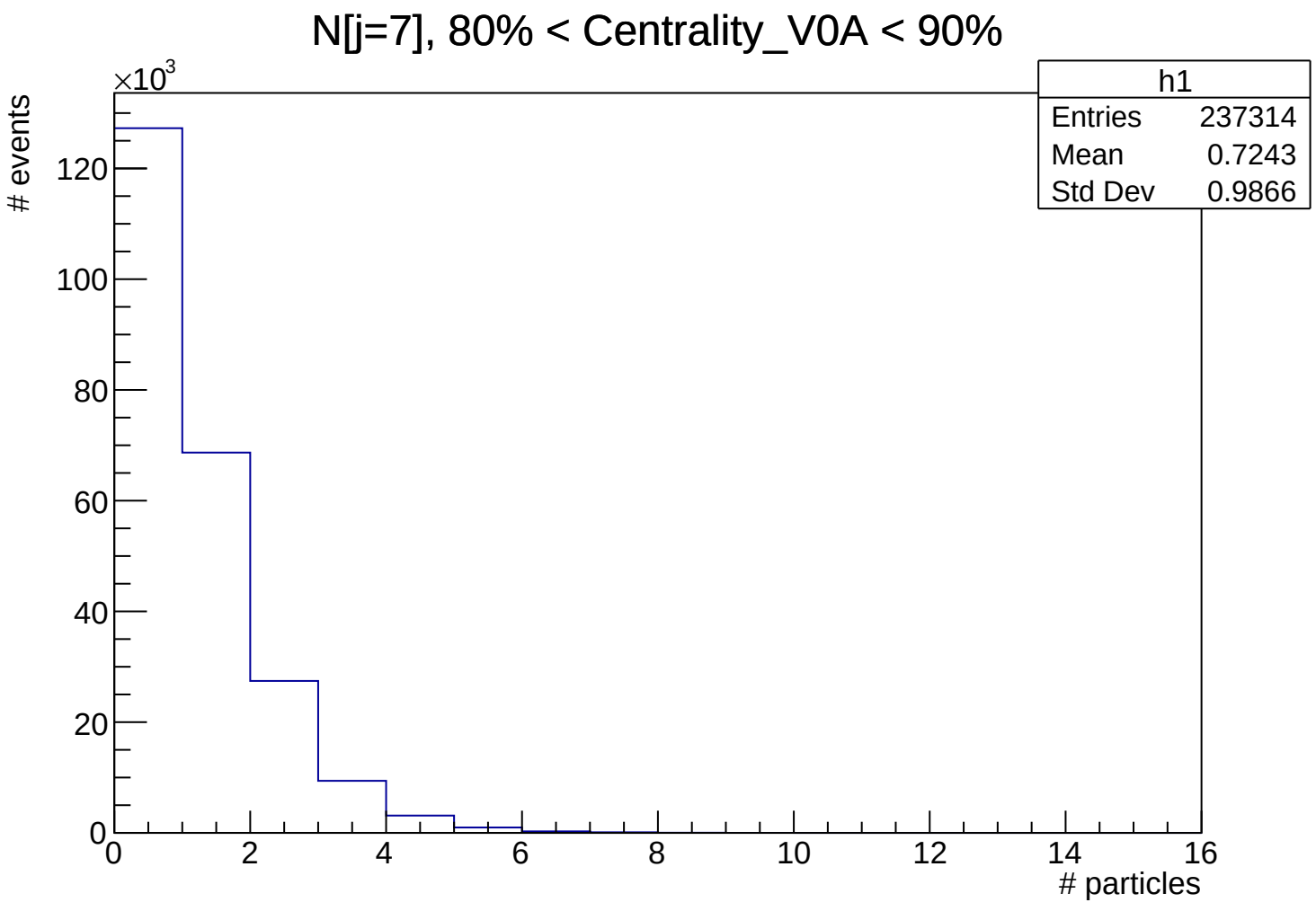

N[j=2], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7406
Std Dev 1.008
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

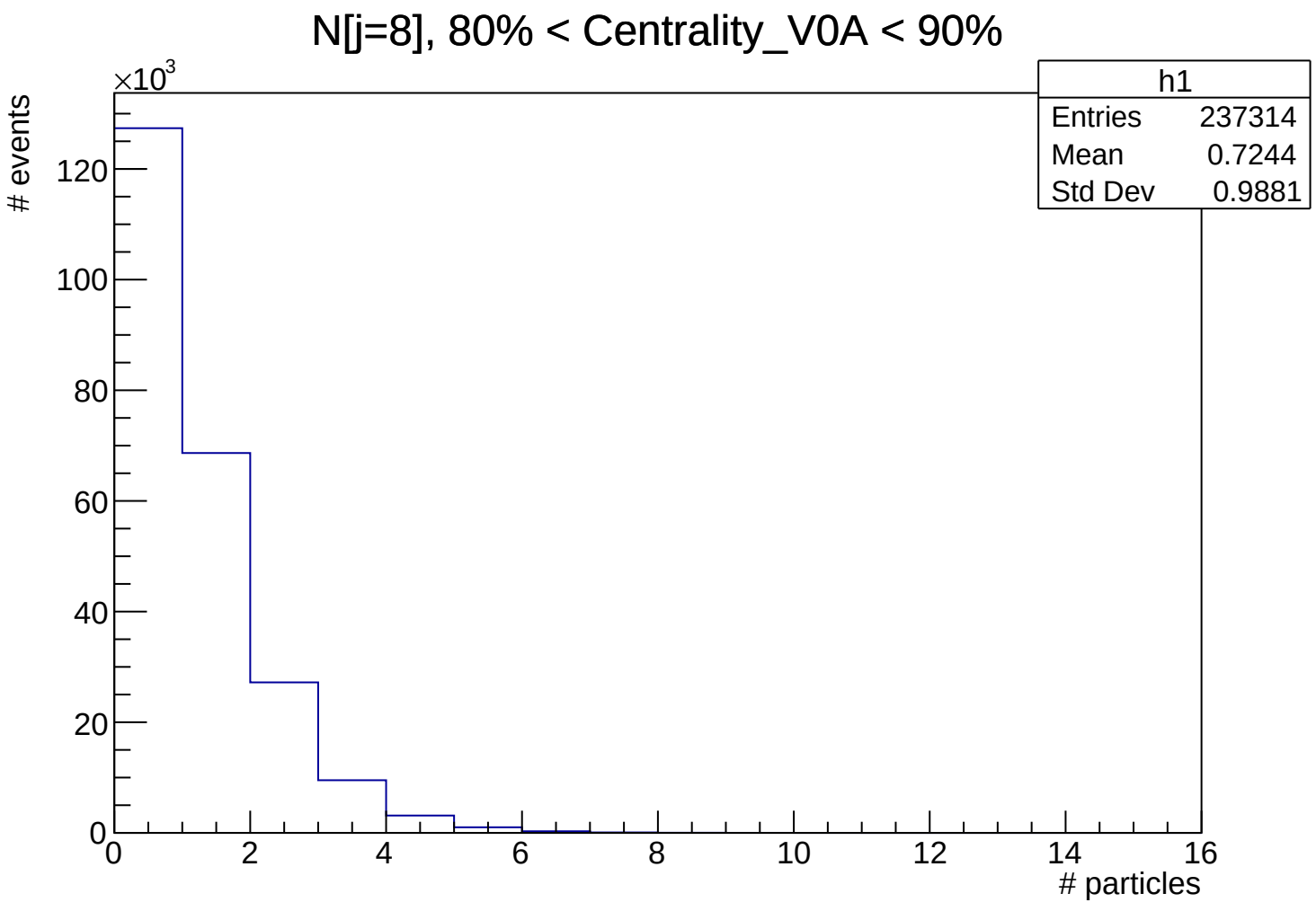

N[j=3], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7422
Std Dev 1.009
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

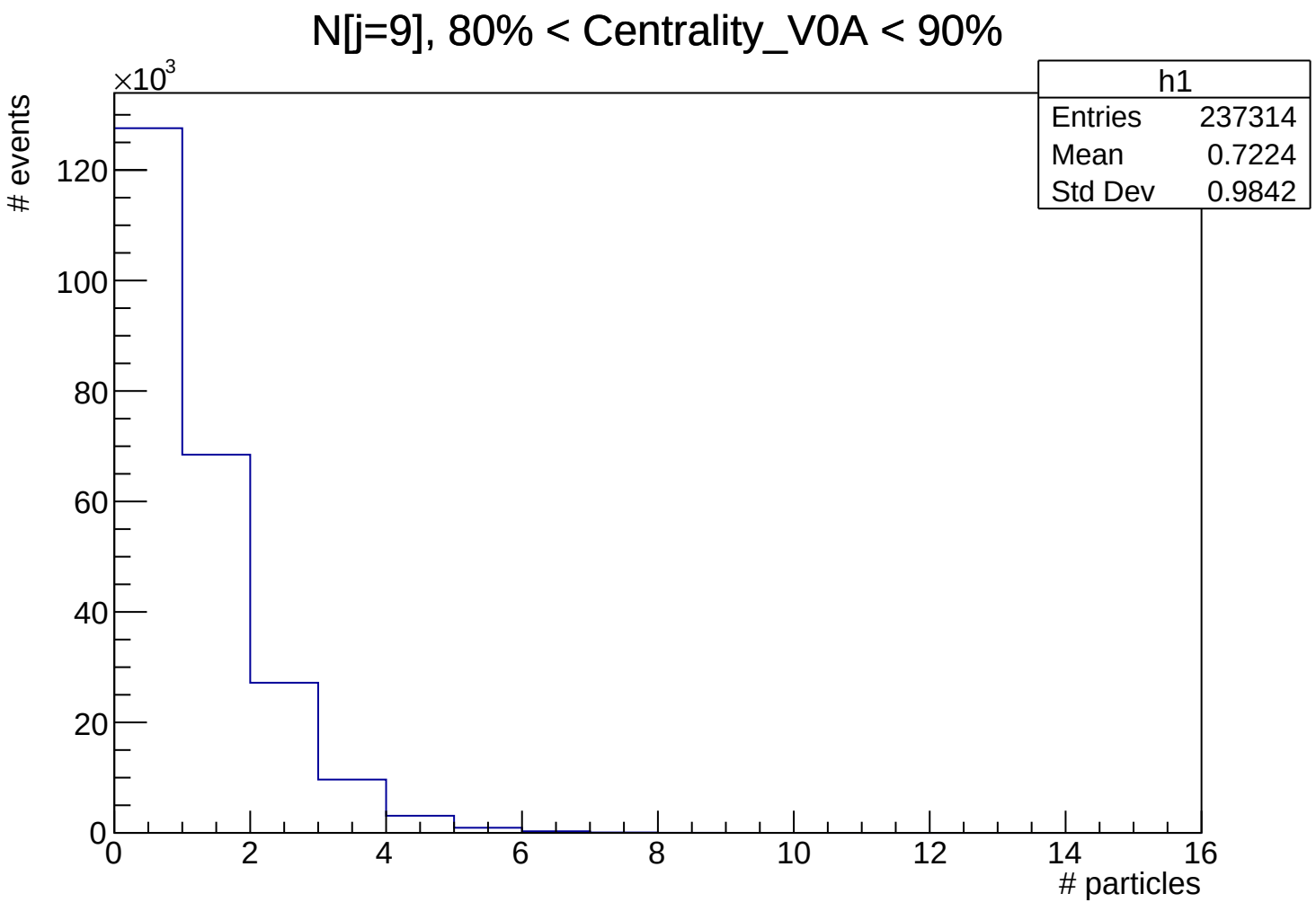

N[j=4], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7416
Std Dev 1.006
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

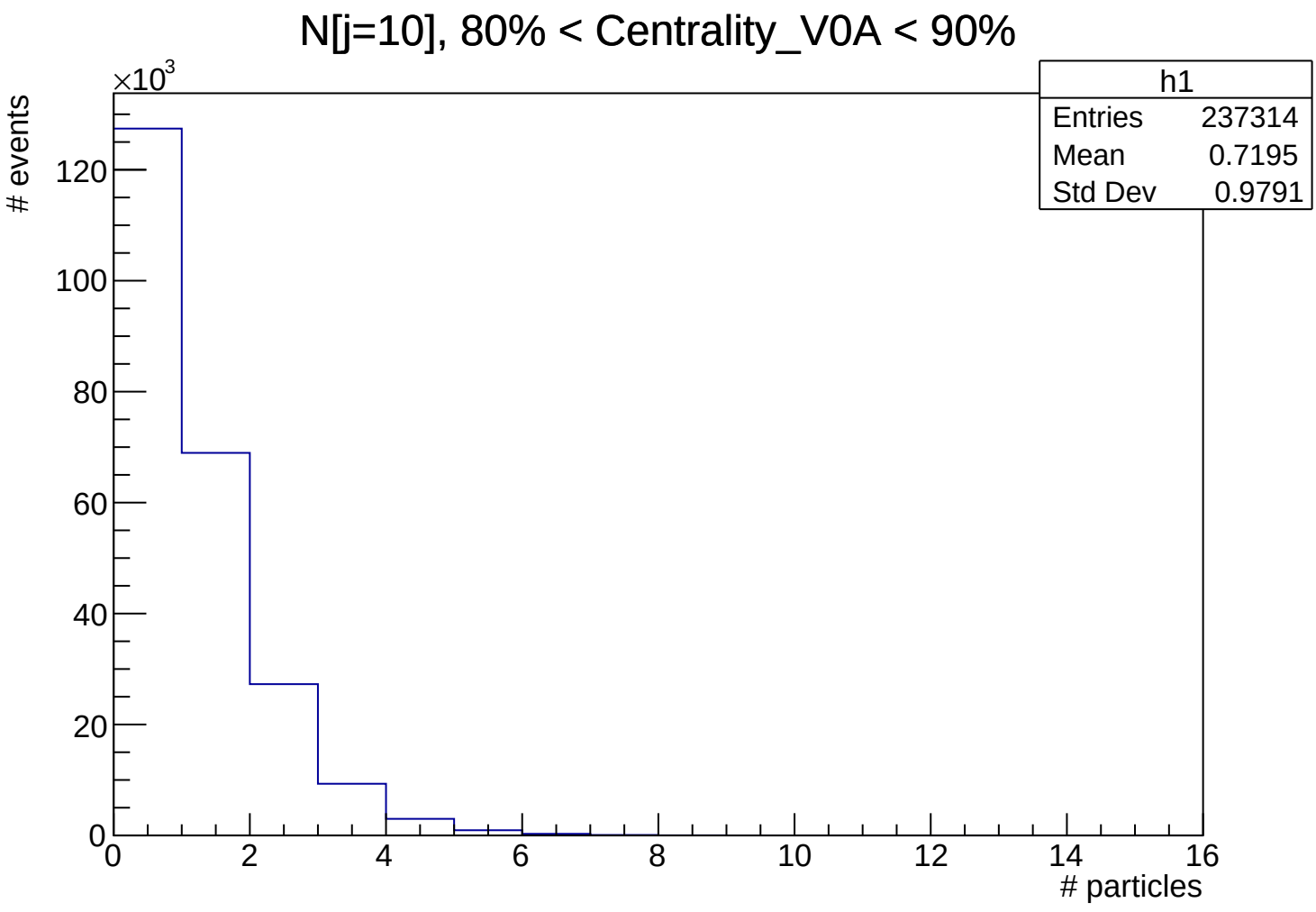

N[j=5], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7391
Std Dev 1.003
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

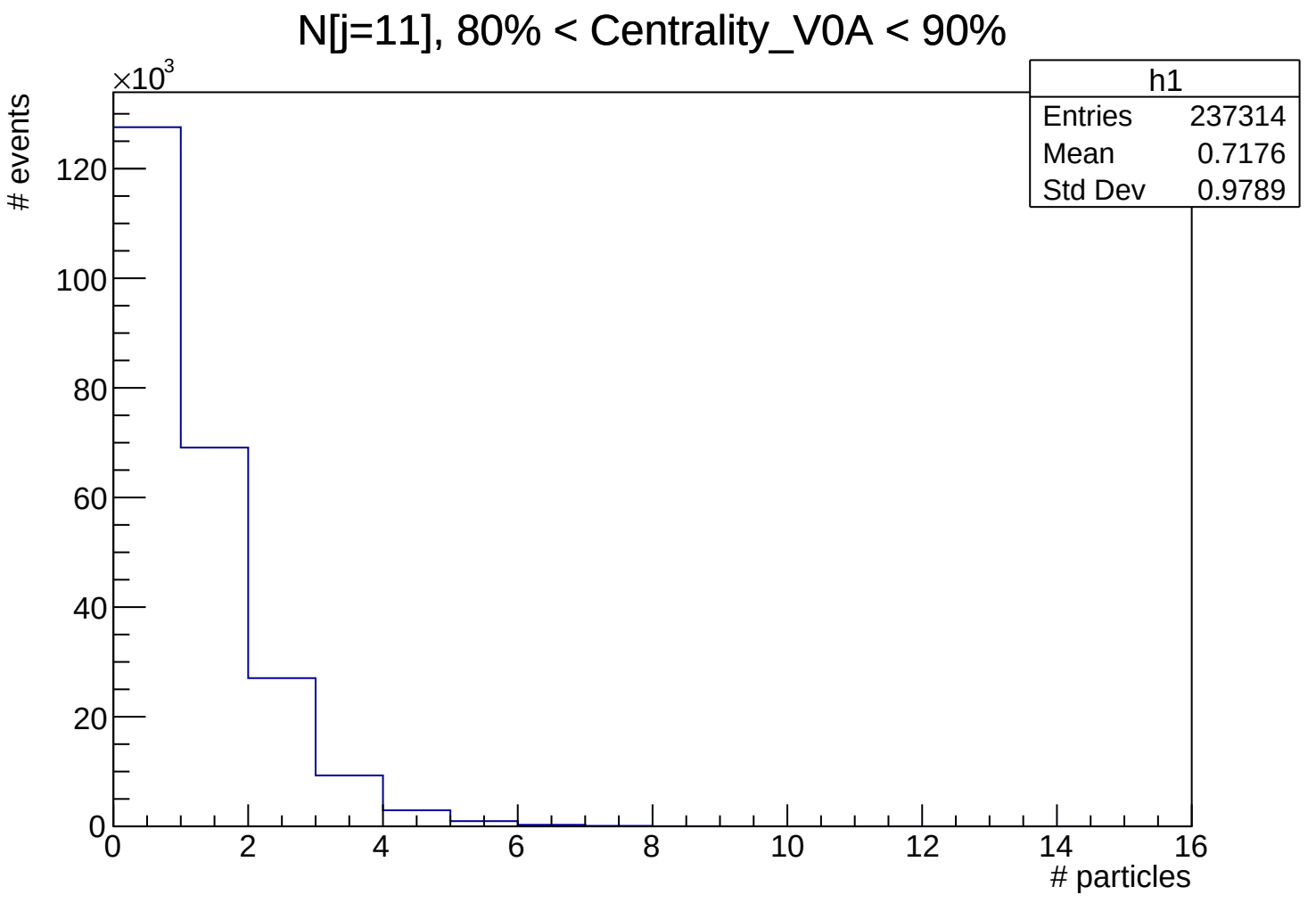

N[j=6], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7305
Std Dev 0.9965
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

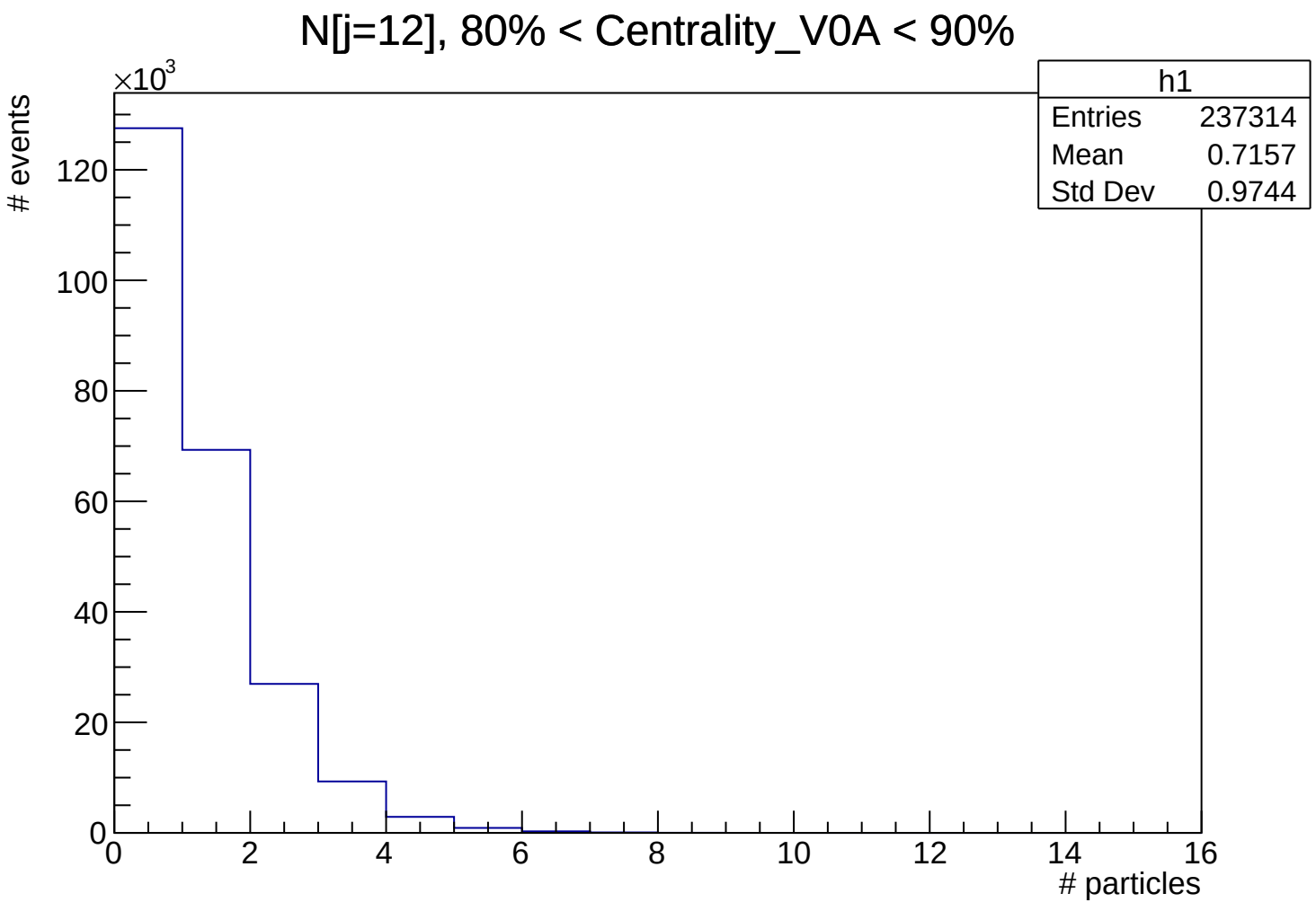

N[j=7], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7243
Std Dev 0.9866
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

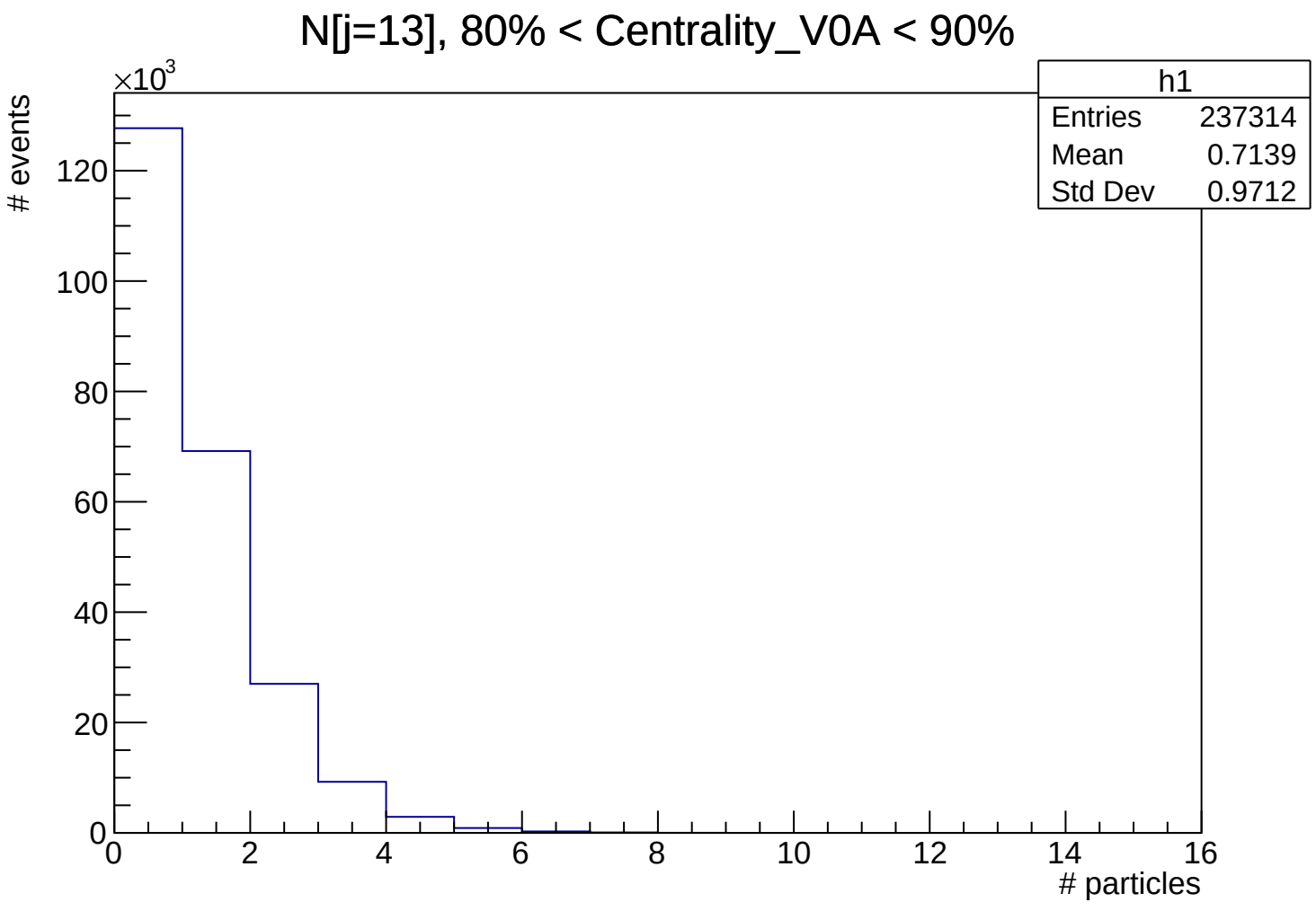

N[j=8], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7244
Std Dev 0.9881
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

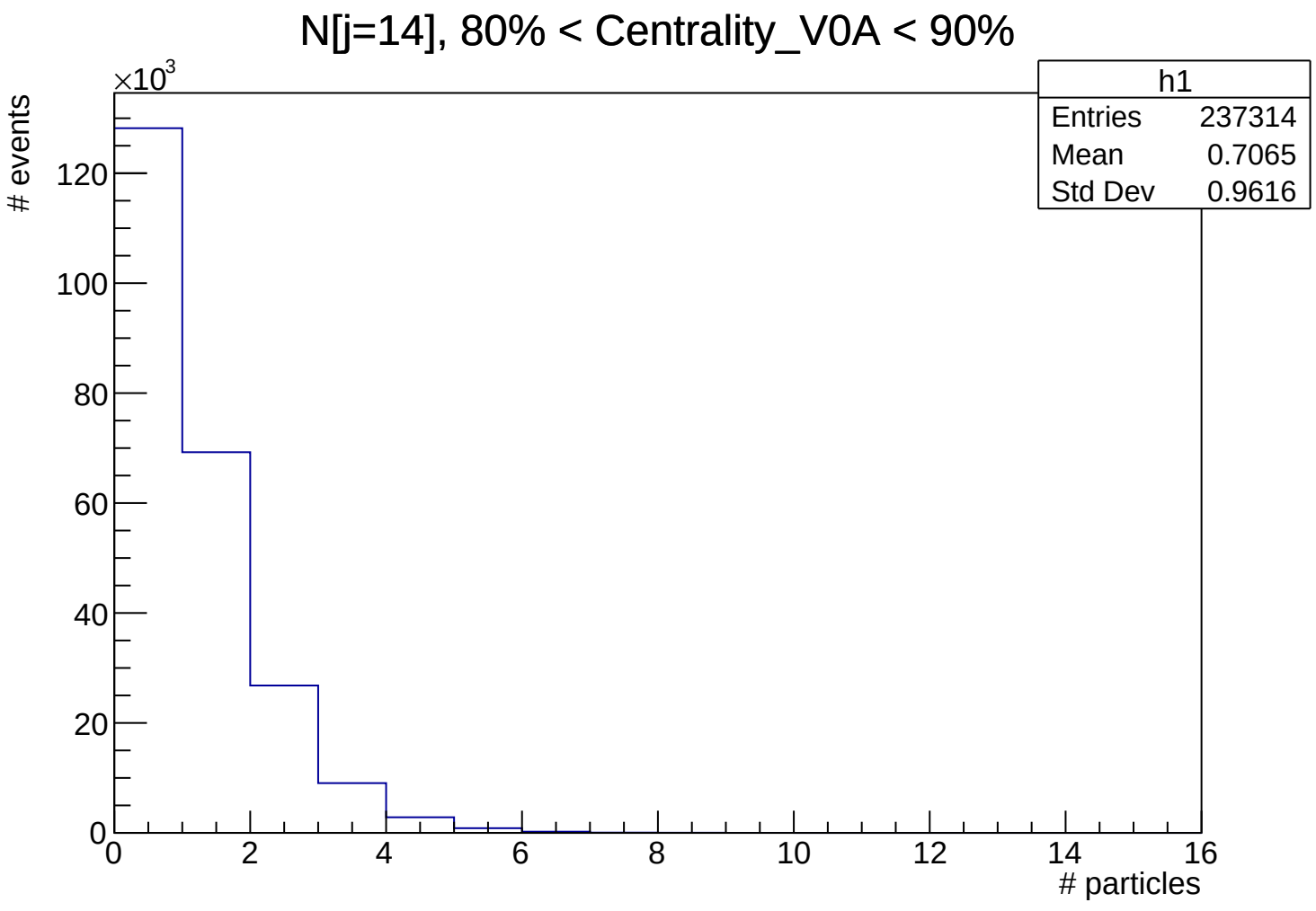

N[j=9], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7224
Std Dev 0.9842
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

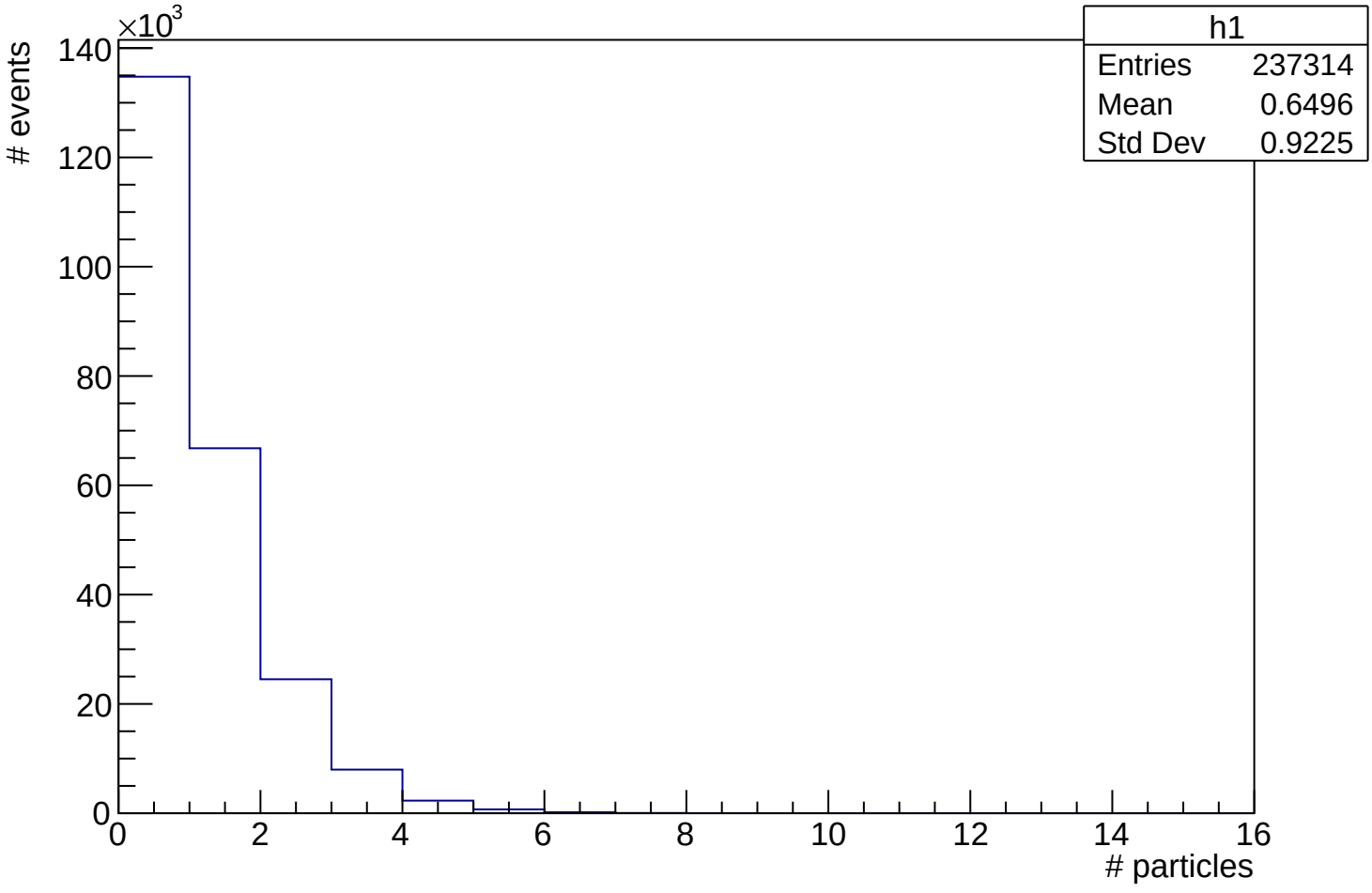

N[j=10], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7195
Std Dev 0.9791
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

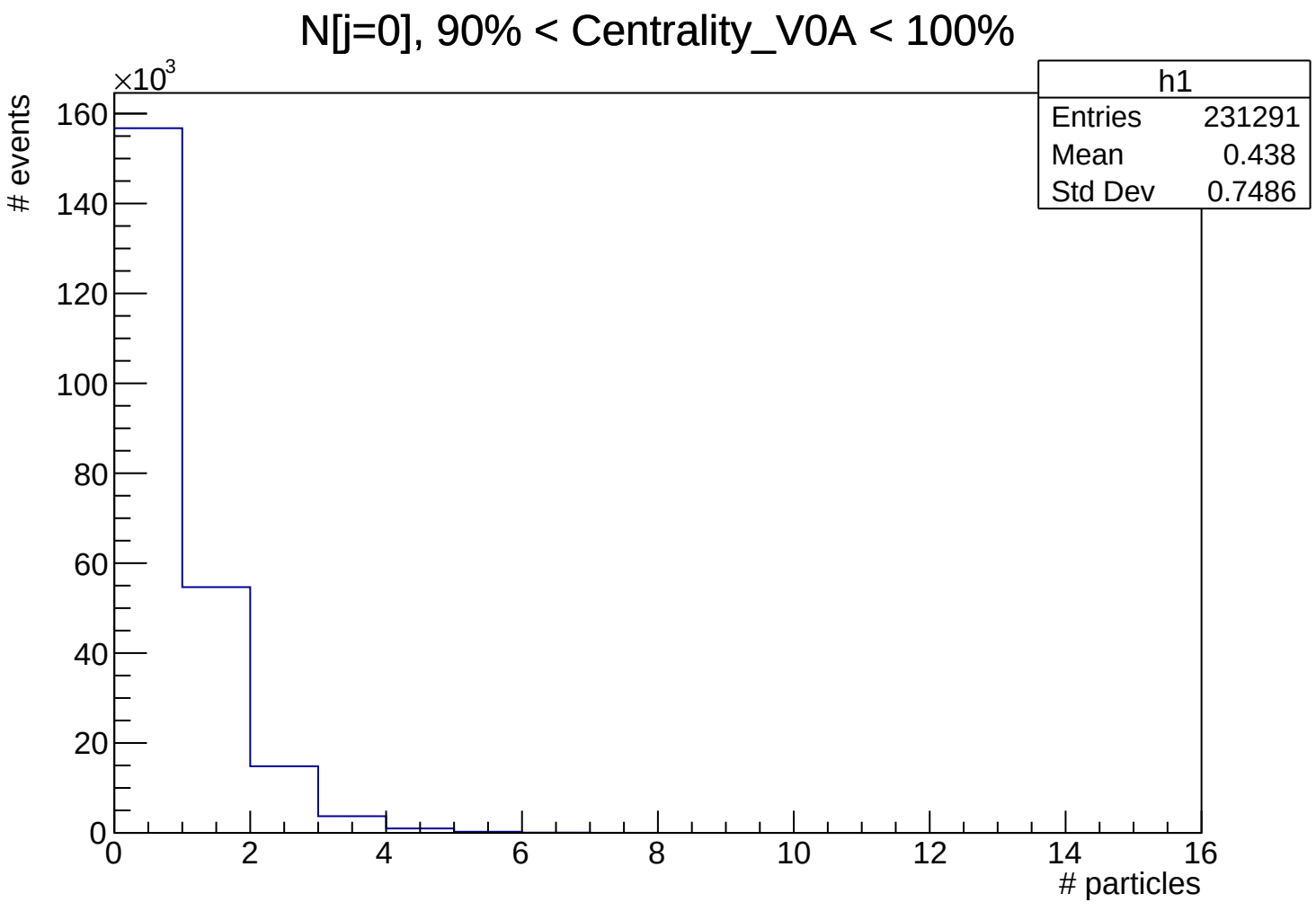

N[j=11], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7176
Std Dev 0.9789
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

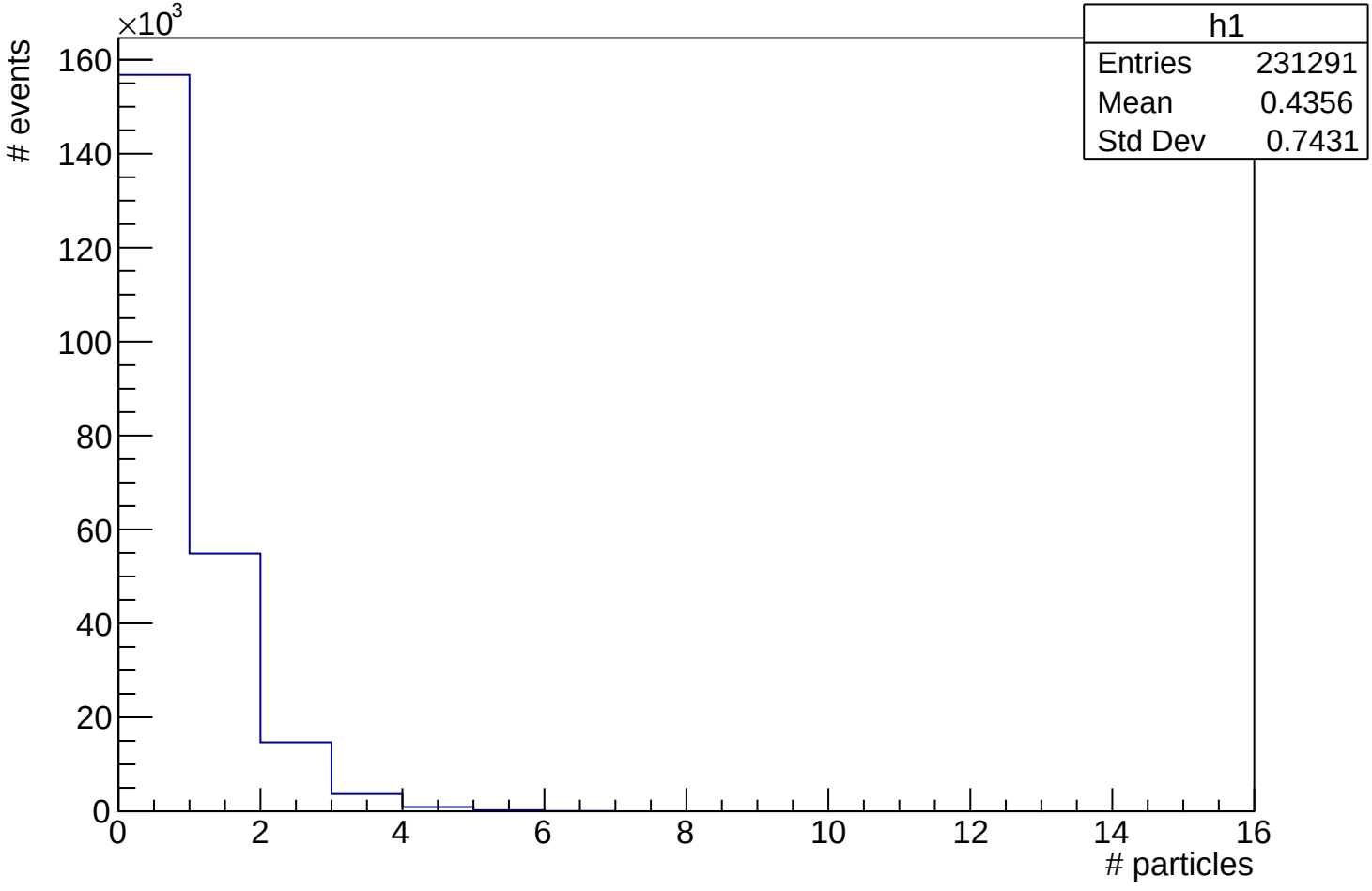

N[j=12], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7157
Std Dev 0.9744
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

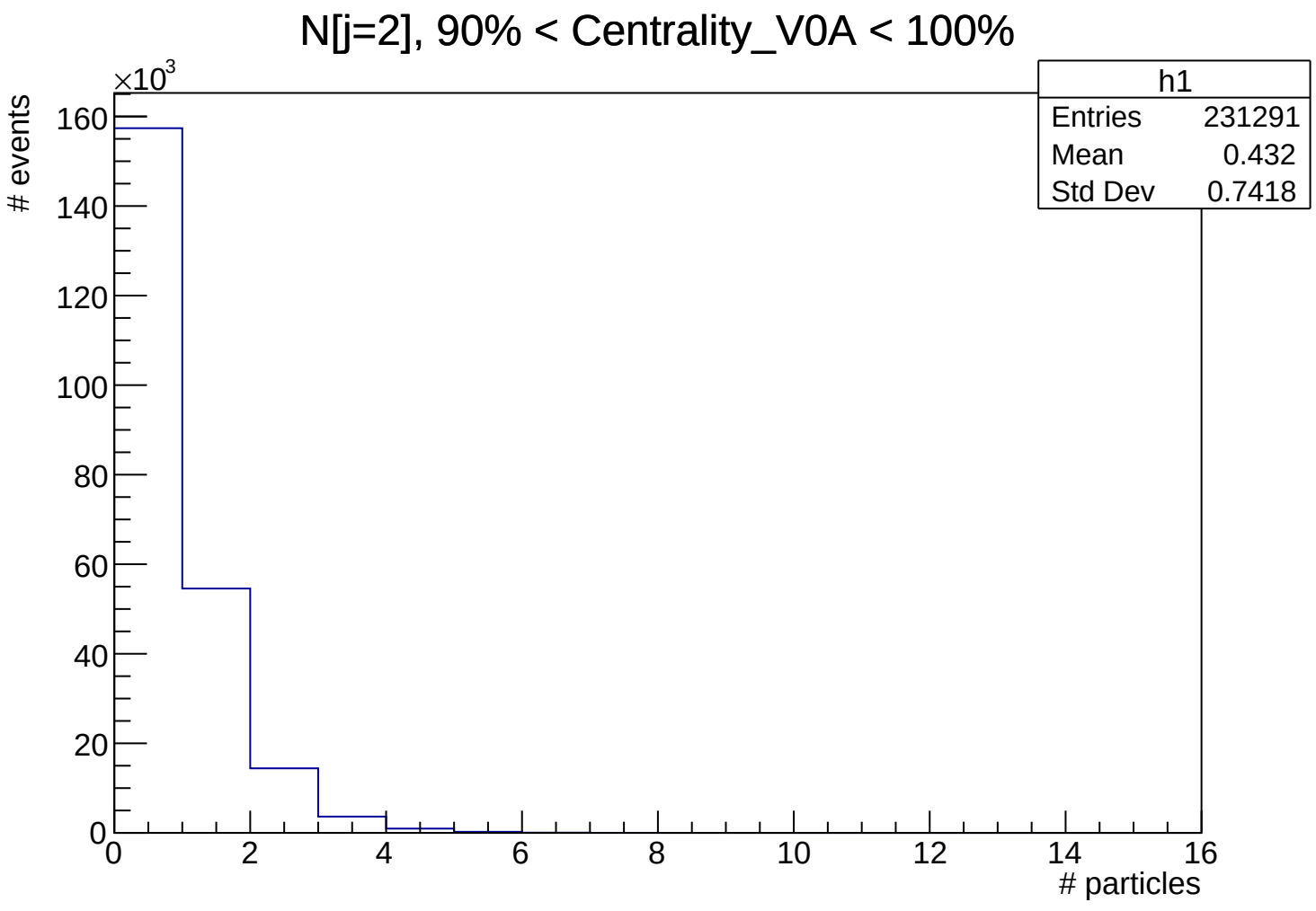

N[j=13], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7139
Std Dev 0.9712
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

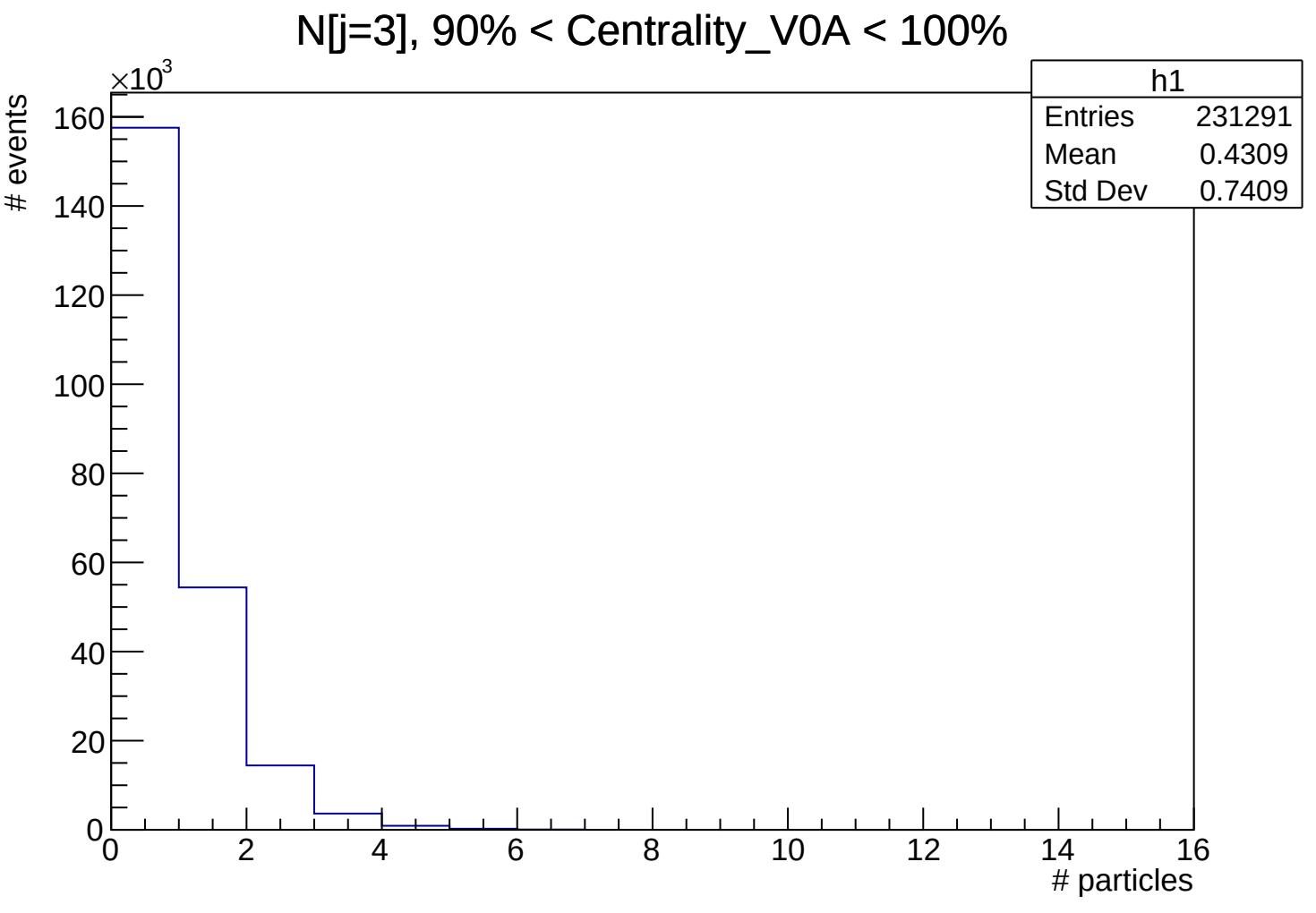

N[j=14], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.7065
Std Dev 0.9616
×10^3
events
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
particles

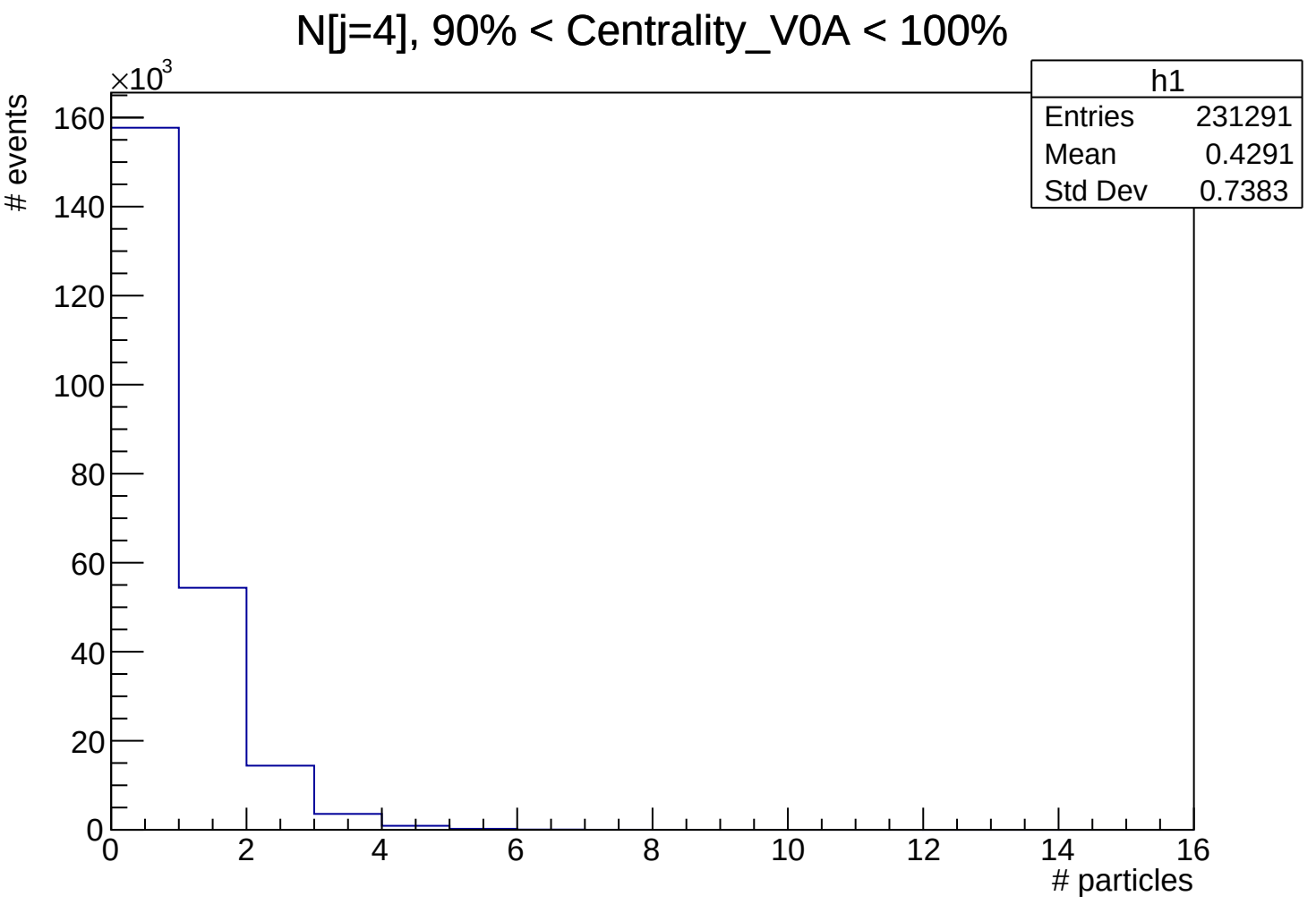

N[j=15], 80% < Centrality_V0A < 90%
h1
Entries 237314
Mean 0.6496
Std Dev 0.9225
×10^3
events
particles
0
20
40
60
80
100
120
140
0
2
4
6
8
10
12
14
16

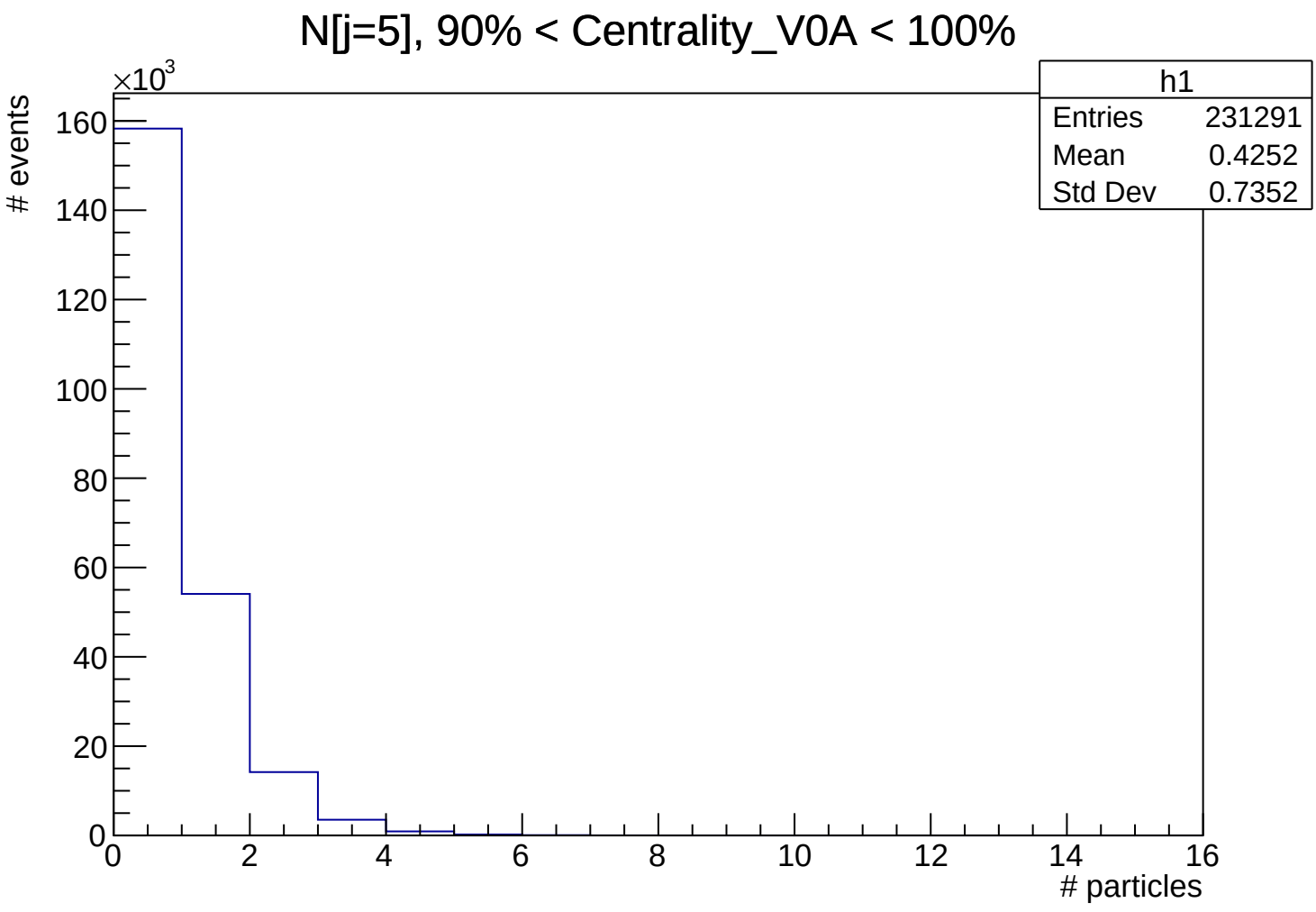

N[j=0], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.438
Std Dev 0.7486
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16

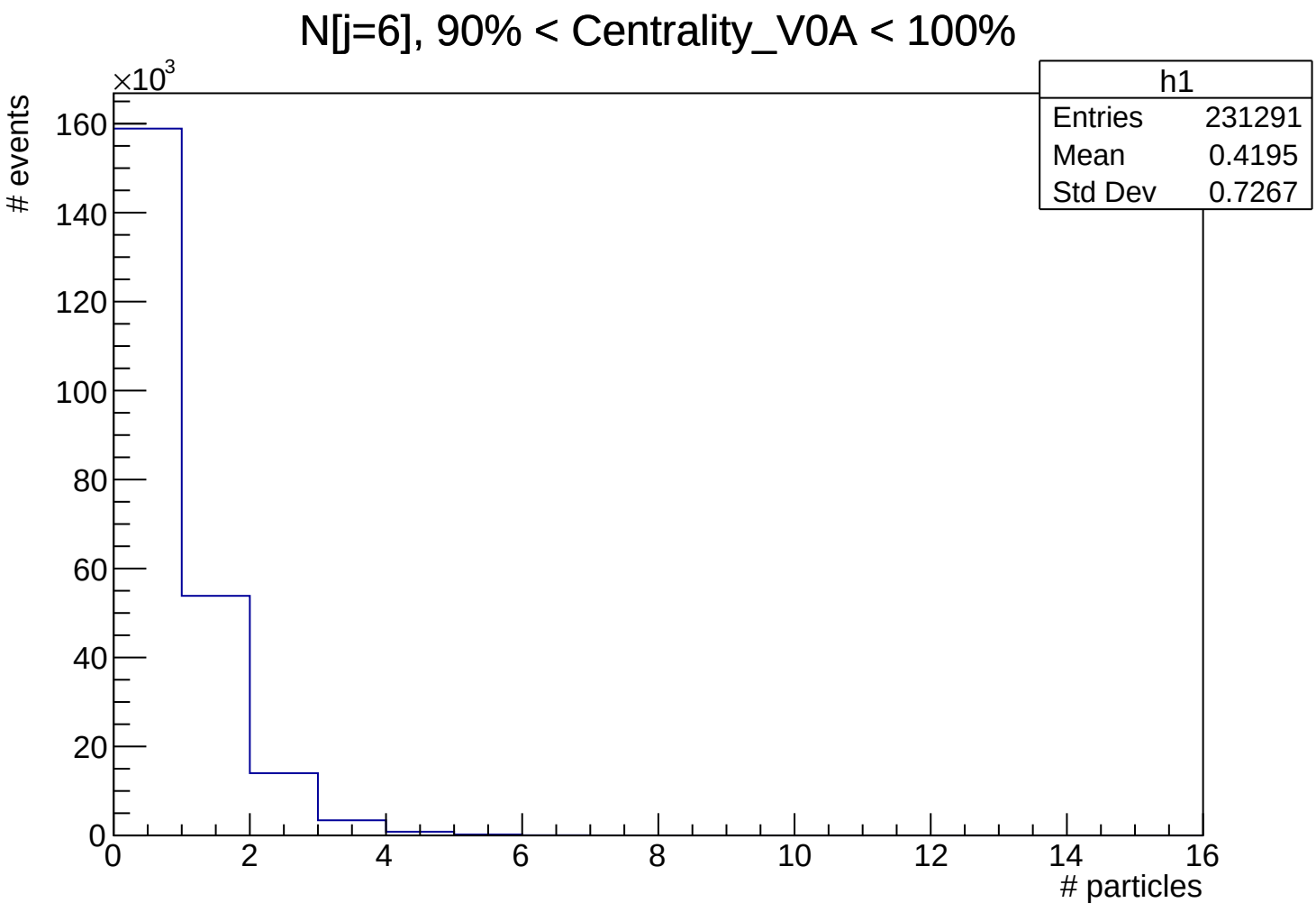

N[j=1], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.4356
Std Dev 0.7431
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16

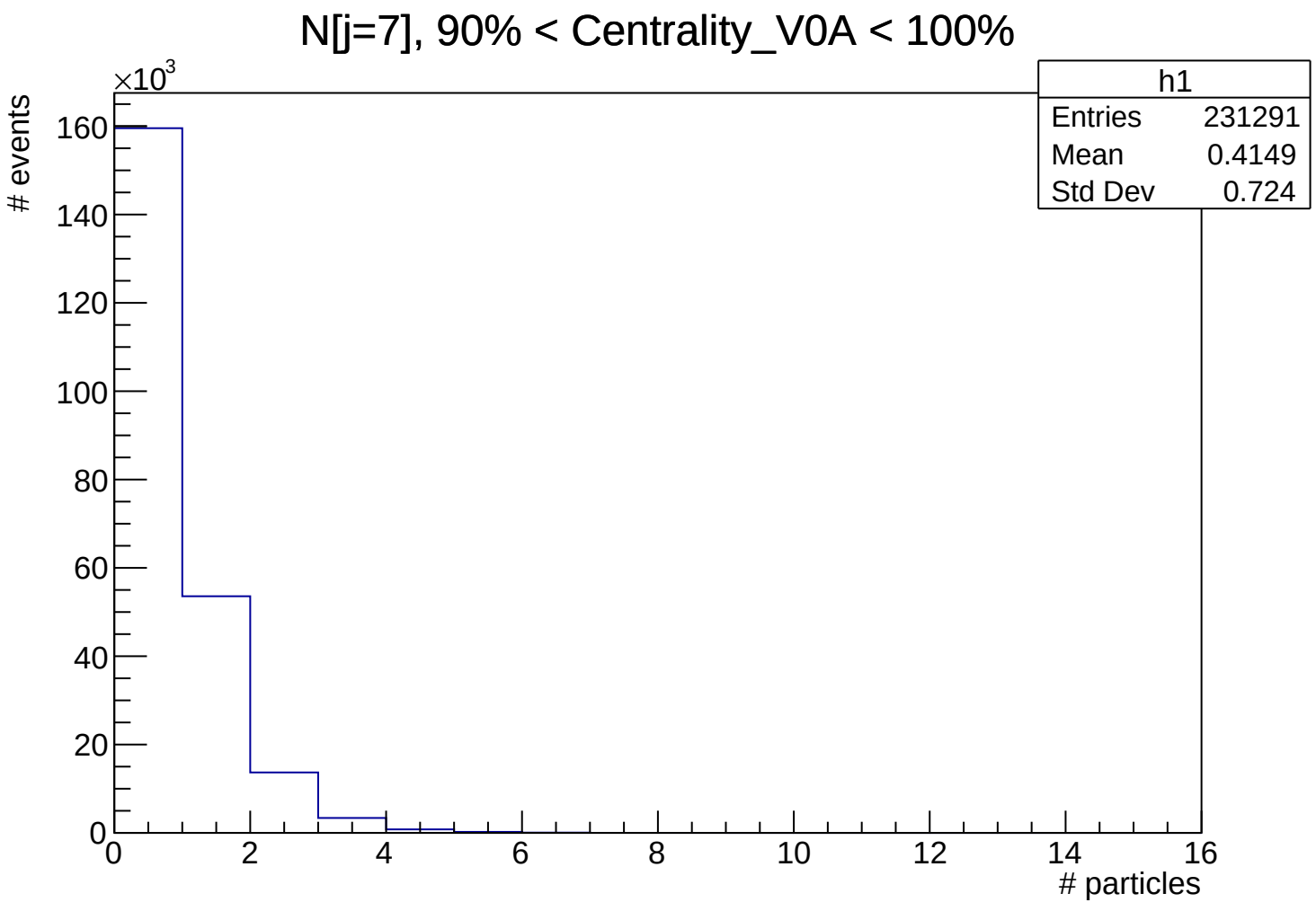

N[j=2], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.432
Std Dev 0.7418
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16

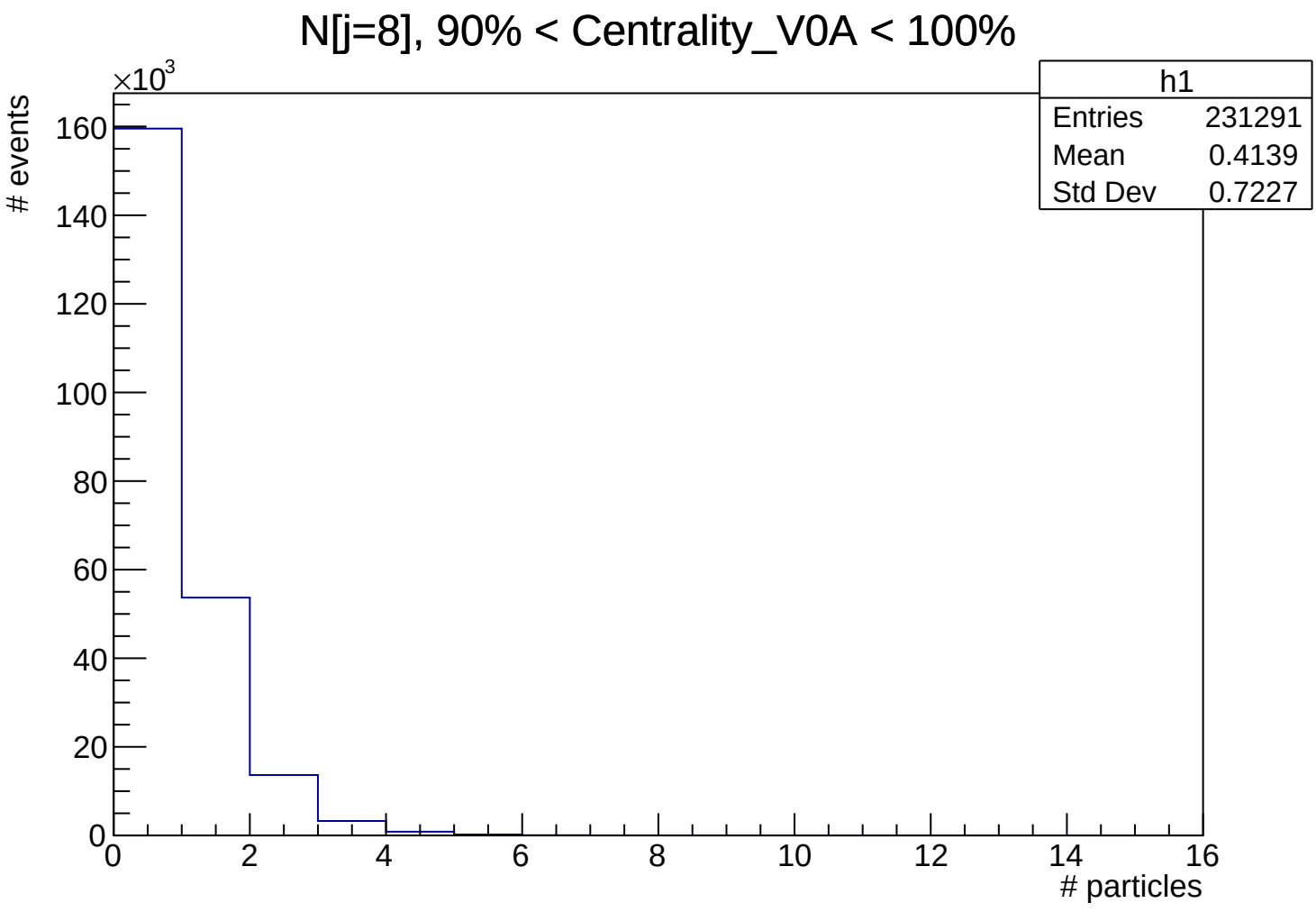

N[j=3], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.4309
Std Dev 0.7409
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16

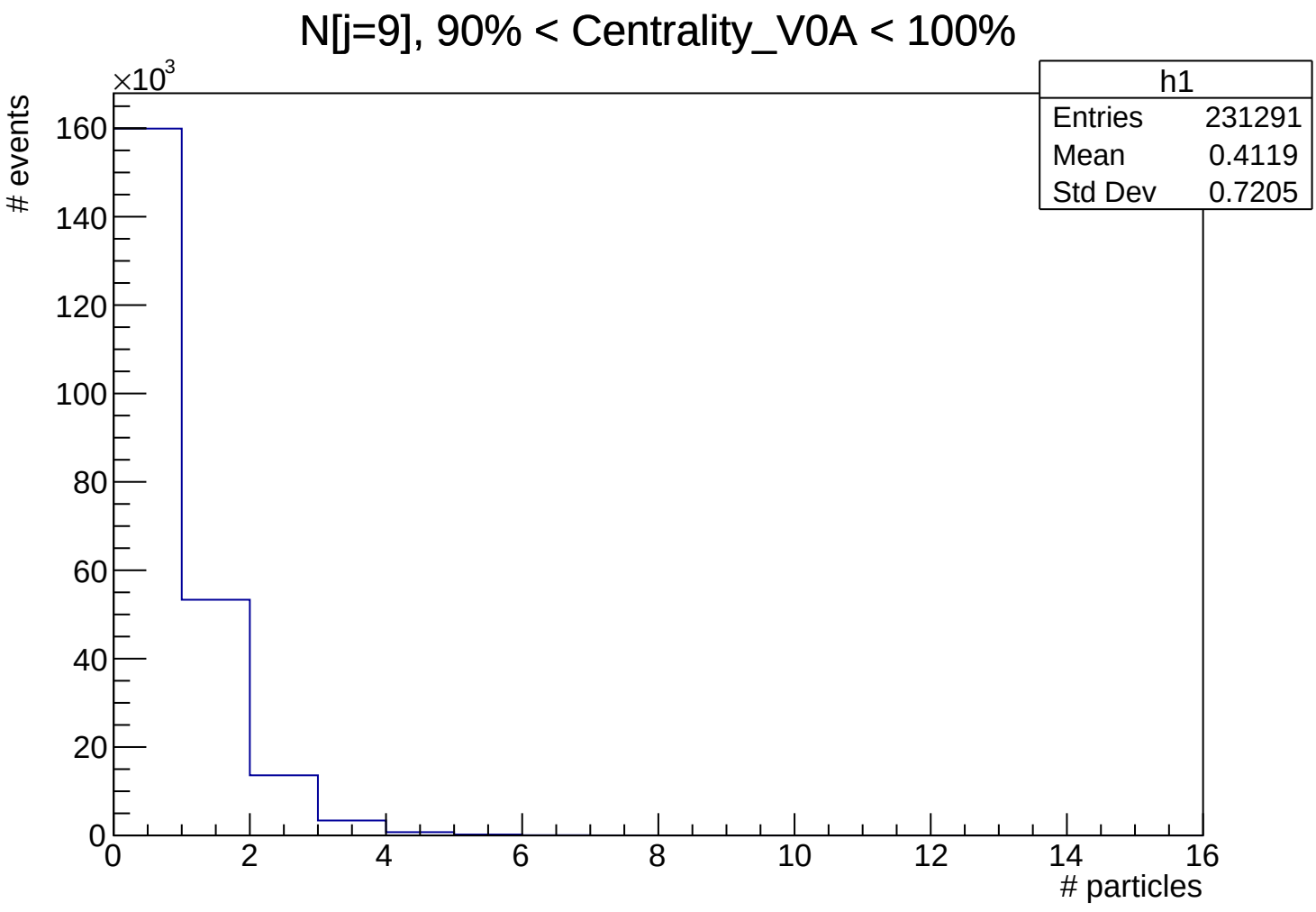

N[j=4], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.4291
Std Dev 0.7383
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16

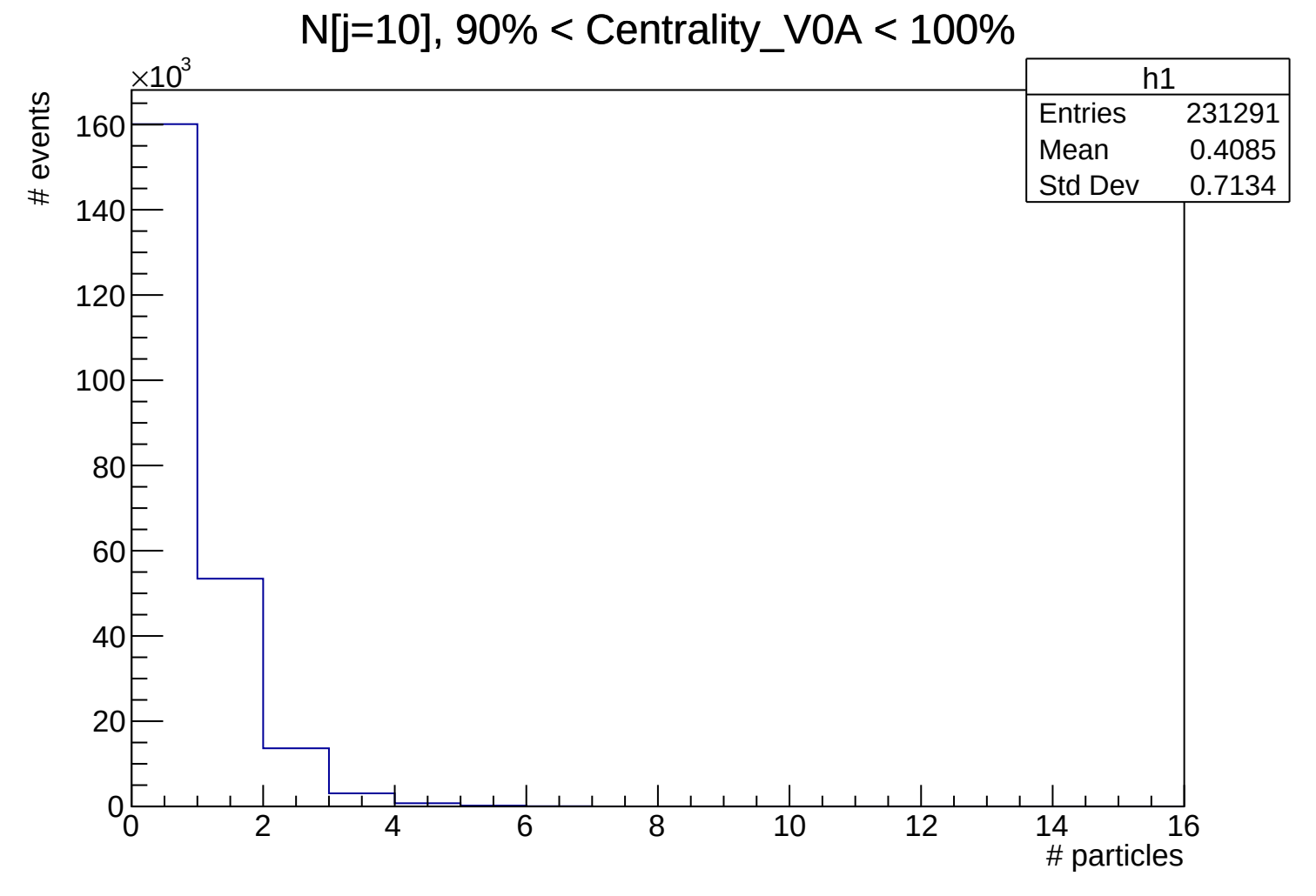

N[j=5], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.4252
Std Dev 0.7352
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16

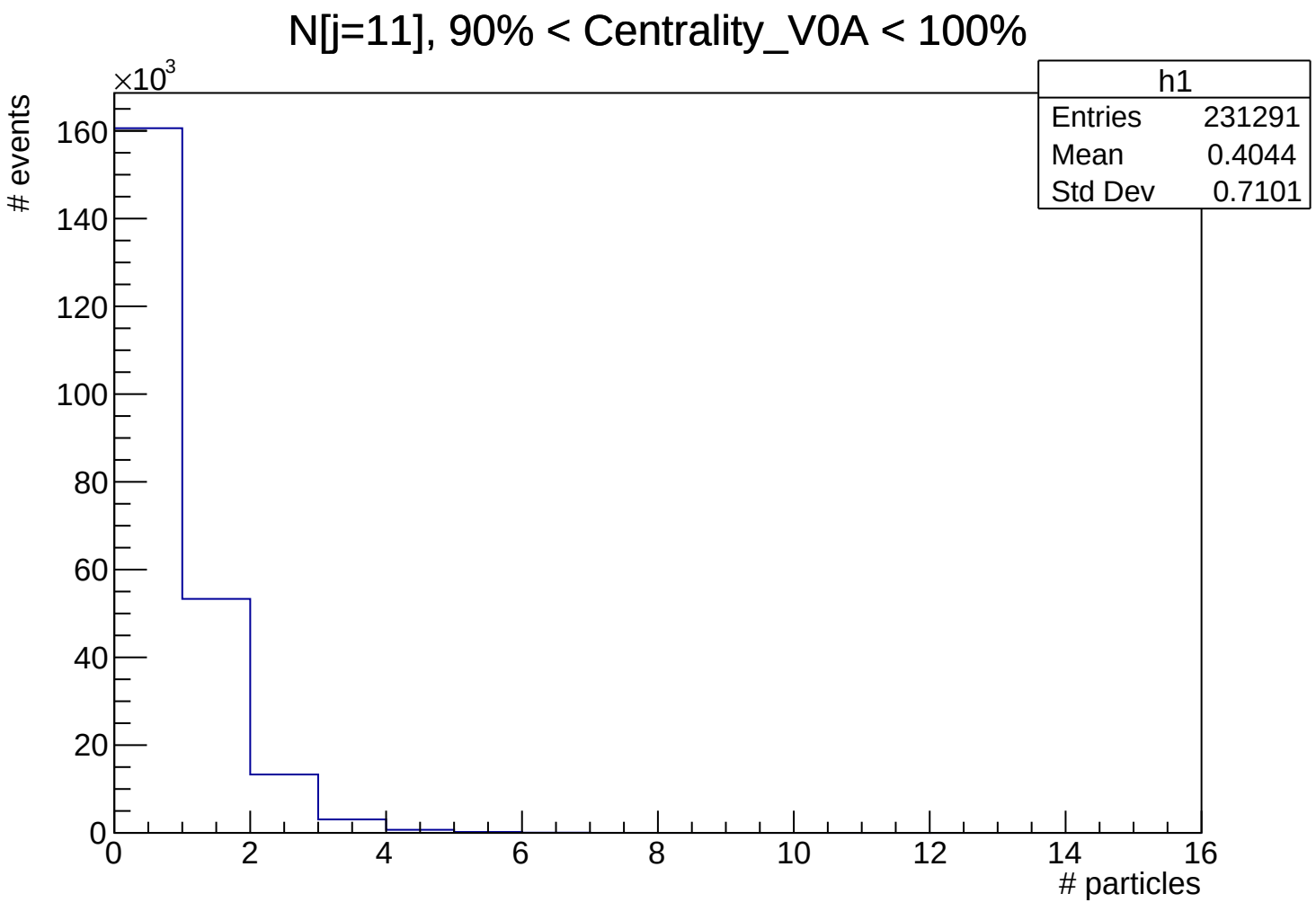

N[j=6], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.4195
Std Dev 0.7267
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16

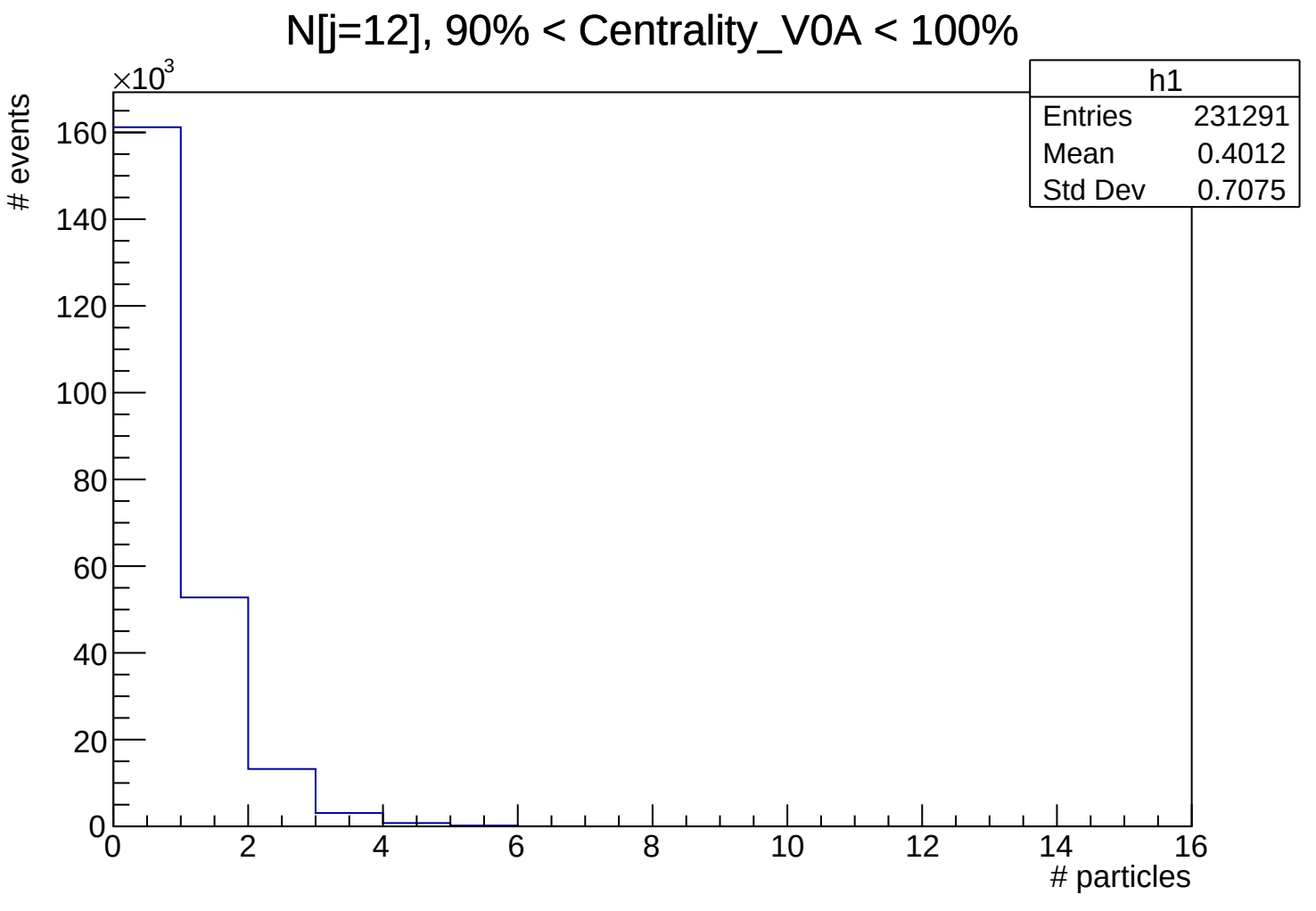

N[j=7], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.4149
Std Dev 0.724
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16

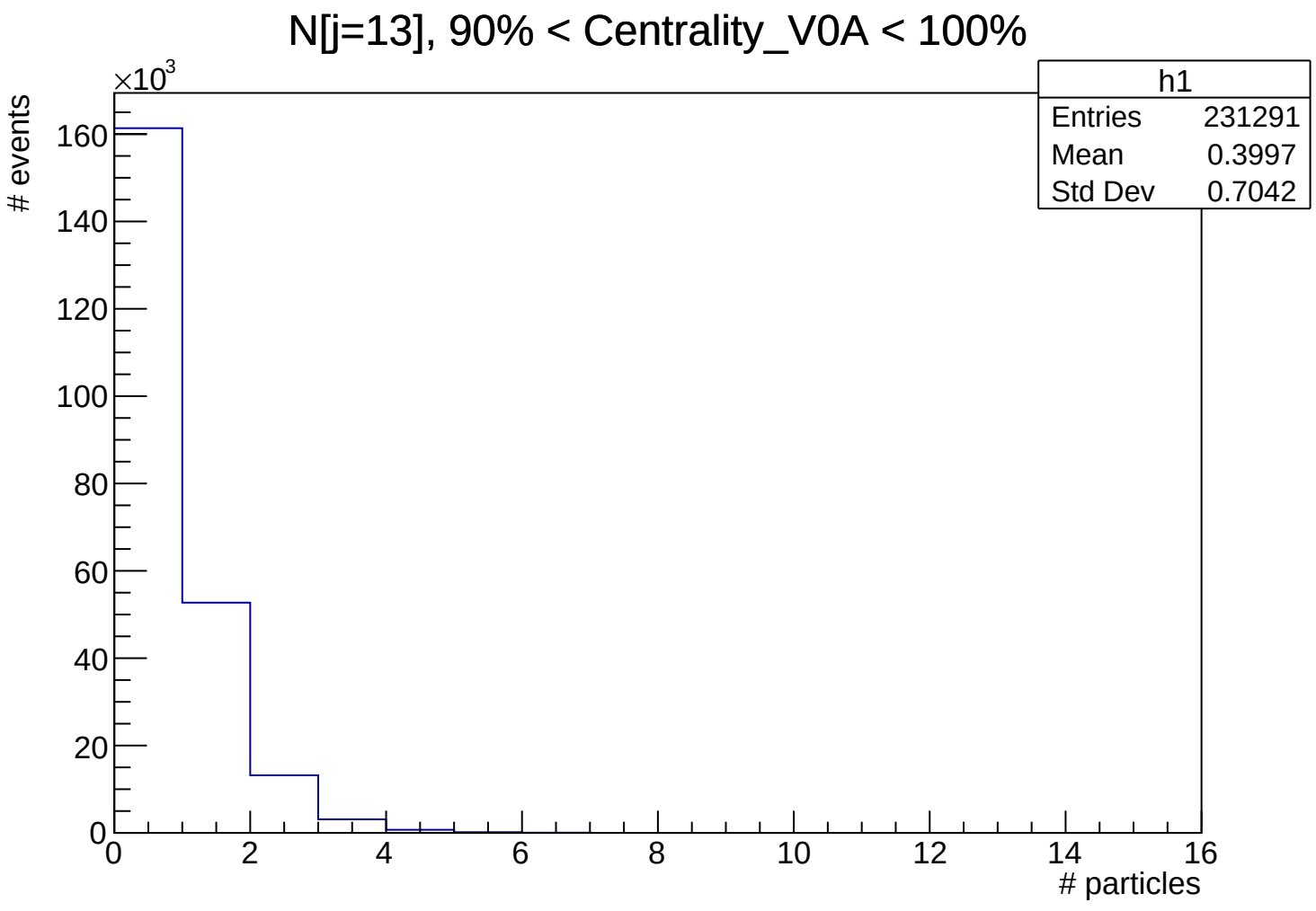

N[j=8], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.4139
Std Dev 0.7227
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16

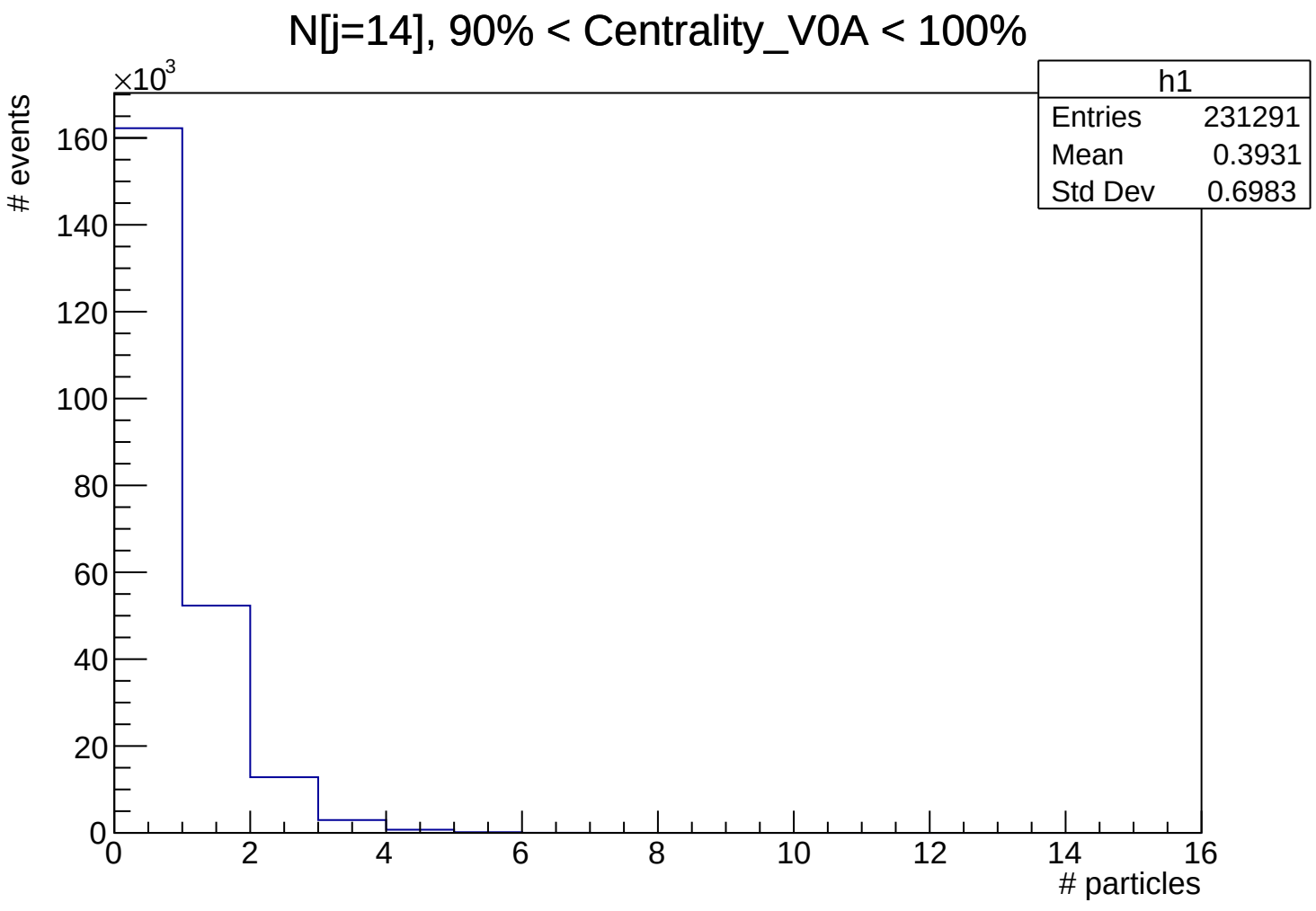

N[j=9], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.4119
Std Dev 0.7205
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16

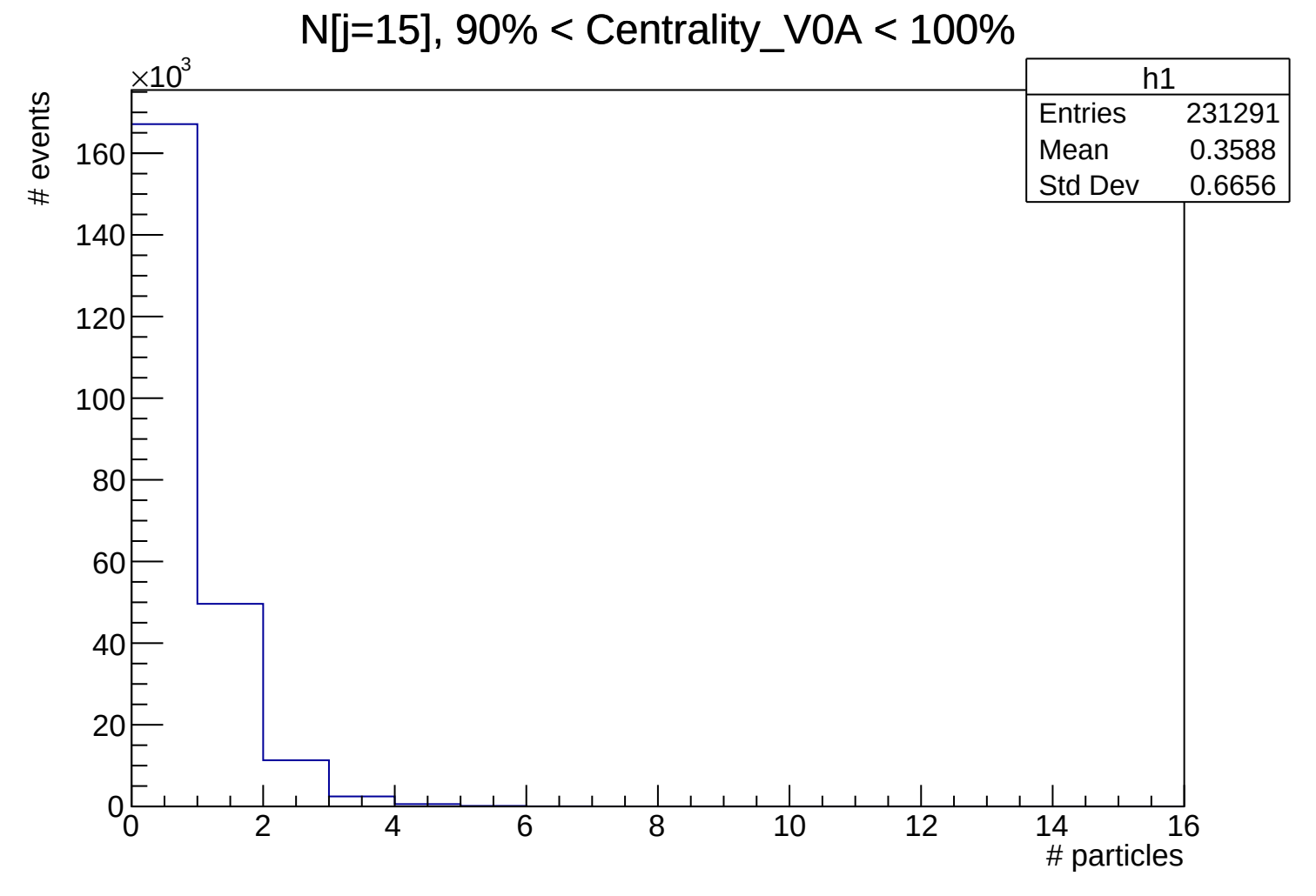

N[j=10], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.4085
Std Dev 0.7134
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16


N[j=11], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.4044
Std Dev 0.7101
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16


N[j=12], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.4012
Std Dev 0.7075
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16


N[j=13], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.3997
Std Dev 0.7042
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16


N[j=14], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.3931
Std Dev 0.6983
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16


N[j=15], 90% < Centrality_V0A < 100%
h1
Entries 231291
Mean 0.3588
Std Dev 0.6656
×10^3
events
particles
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16