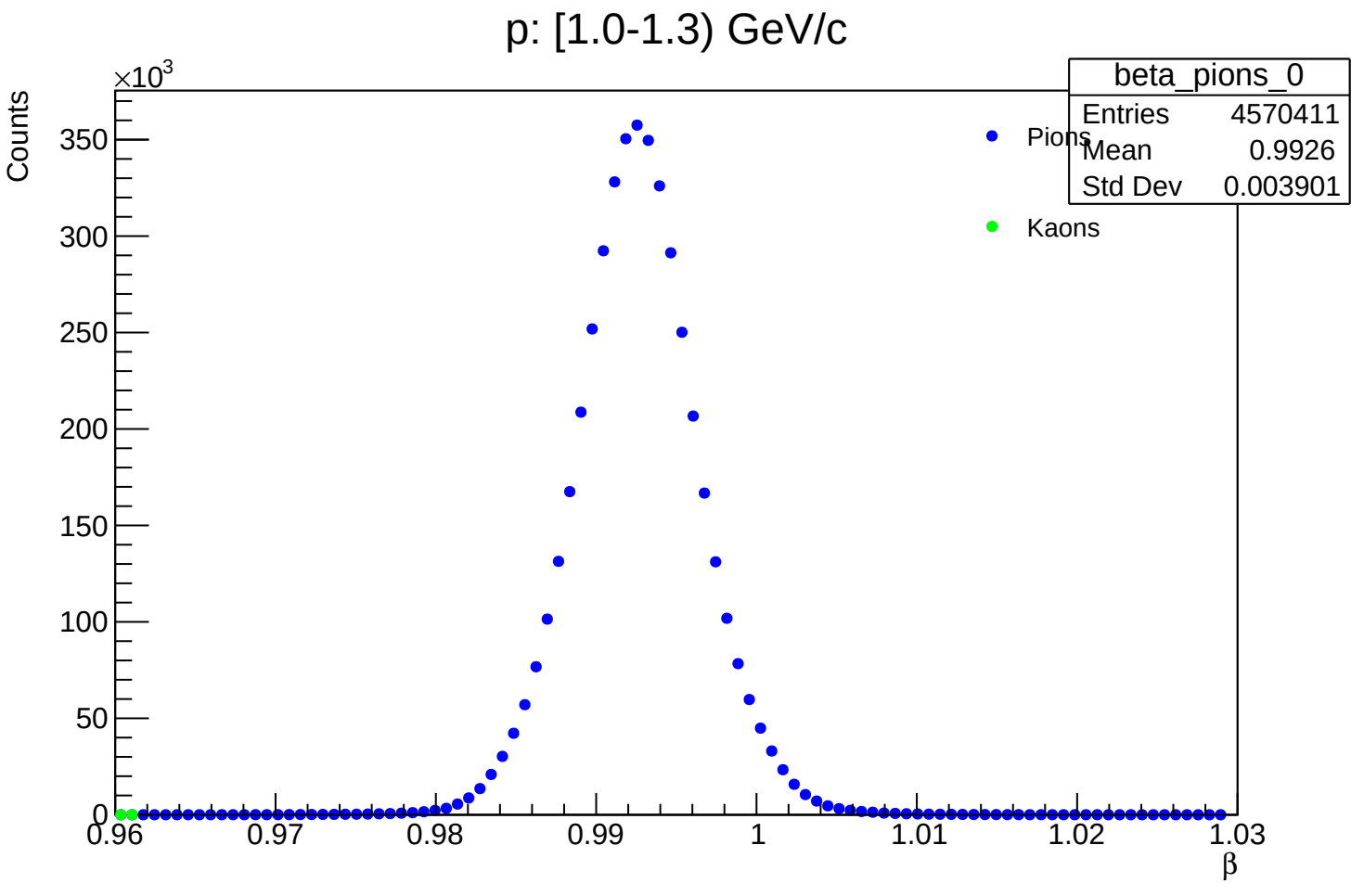
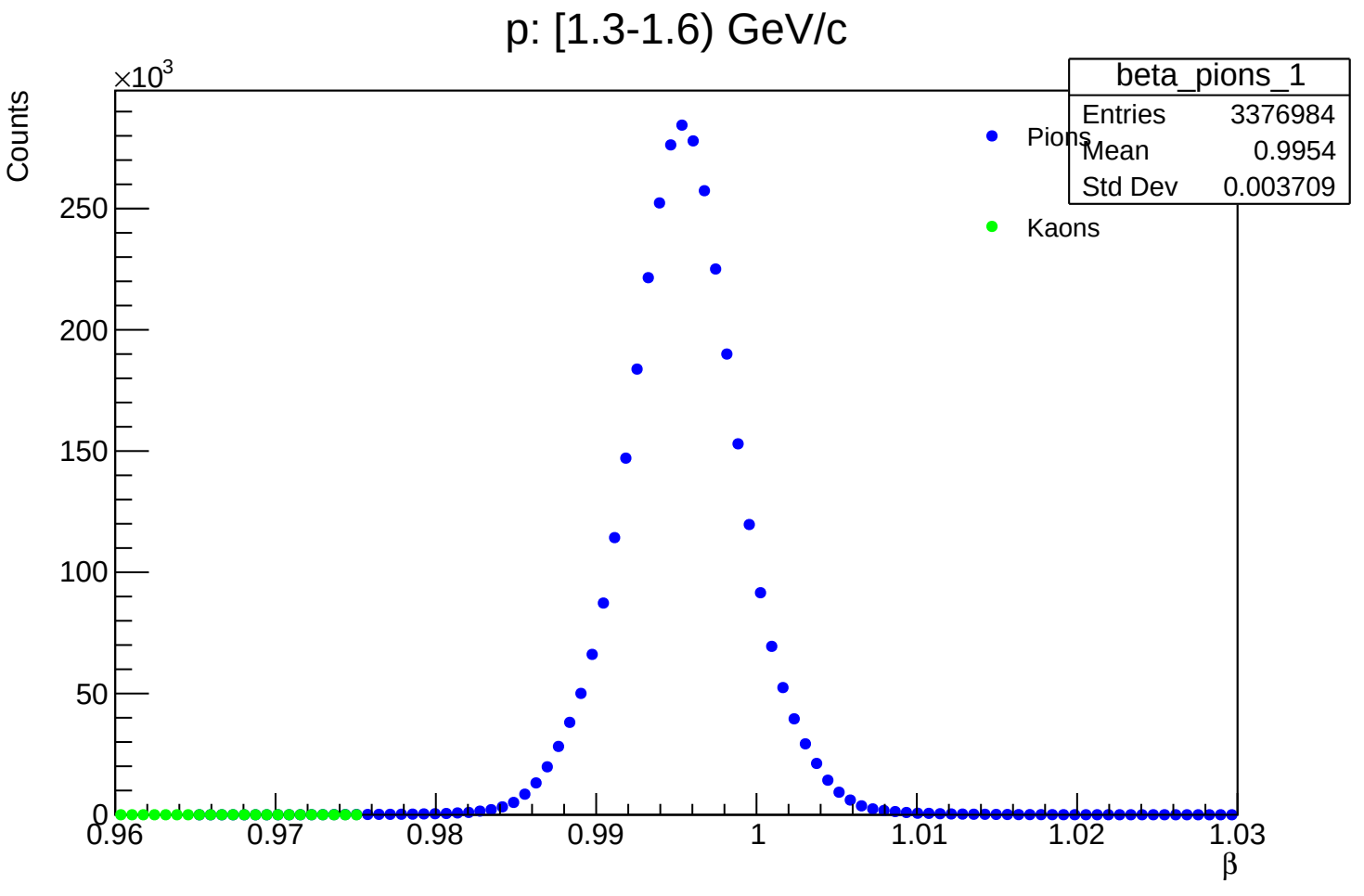
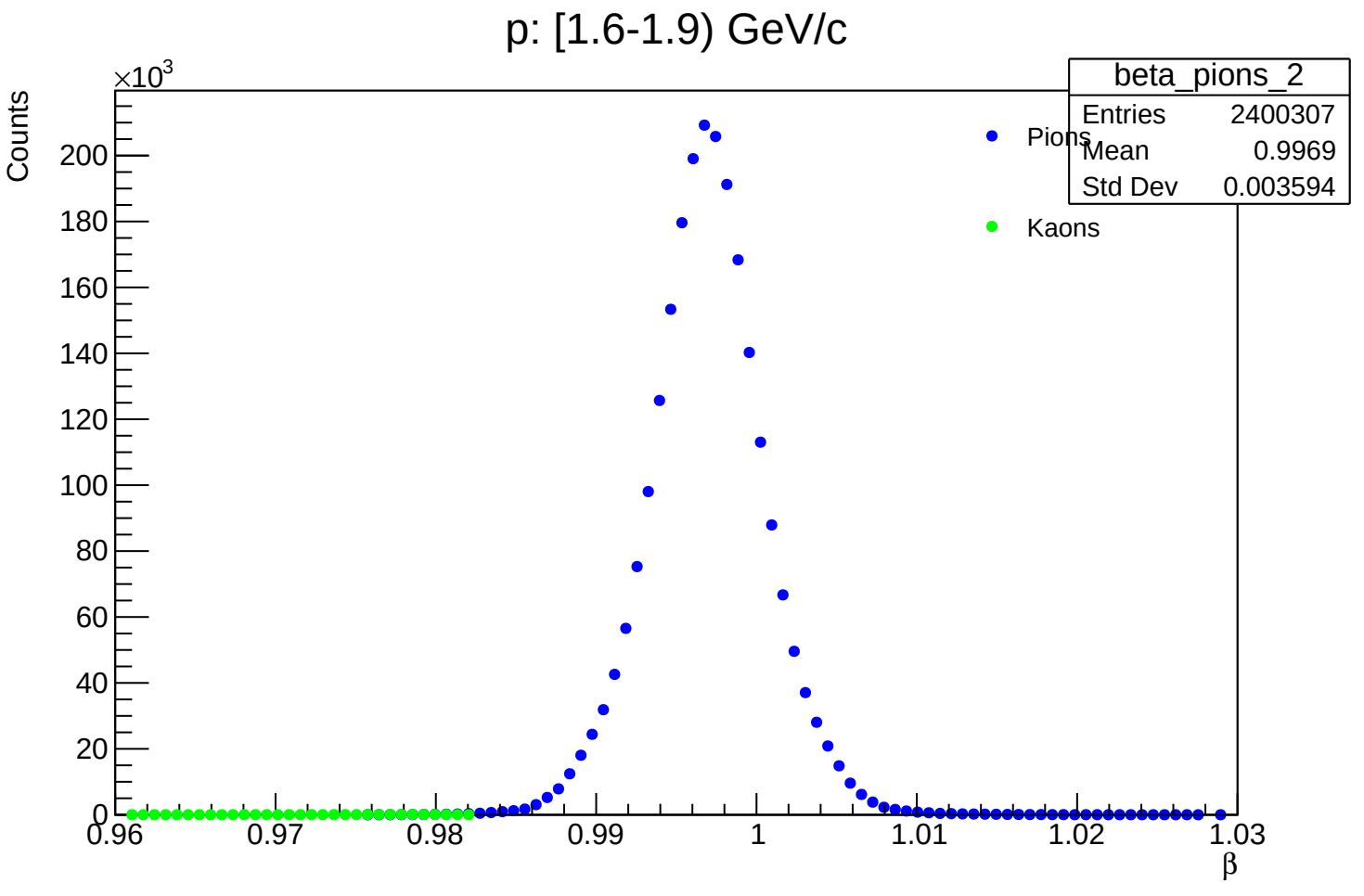
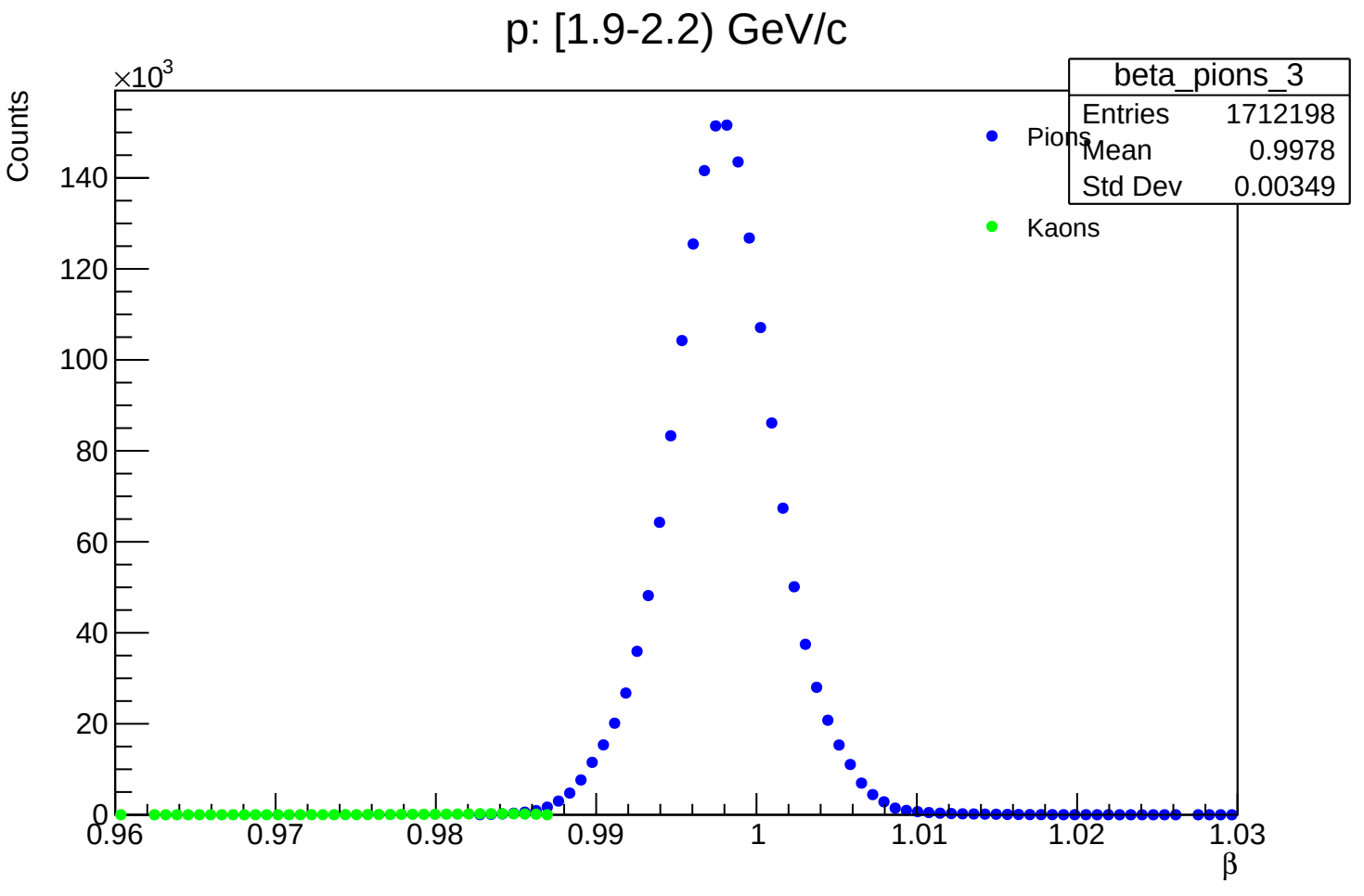
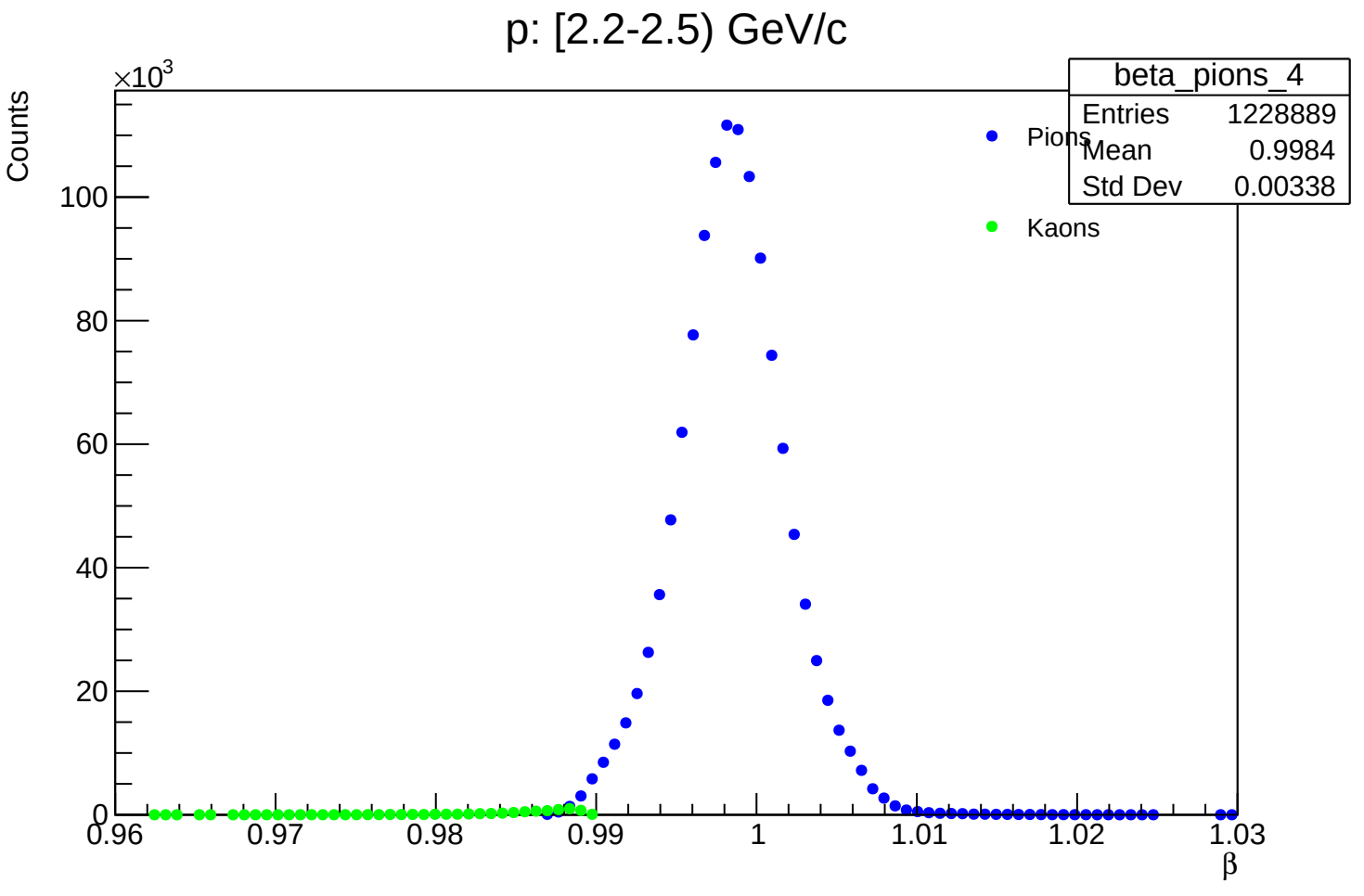
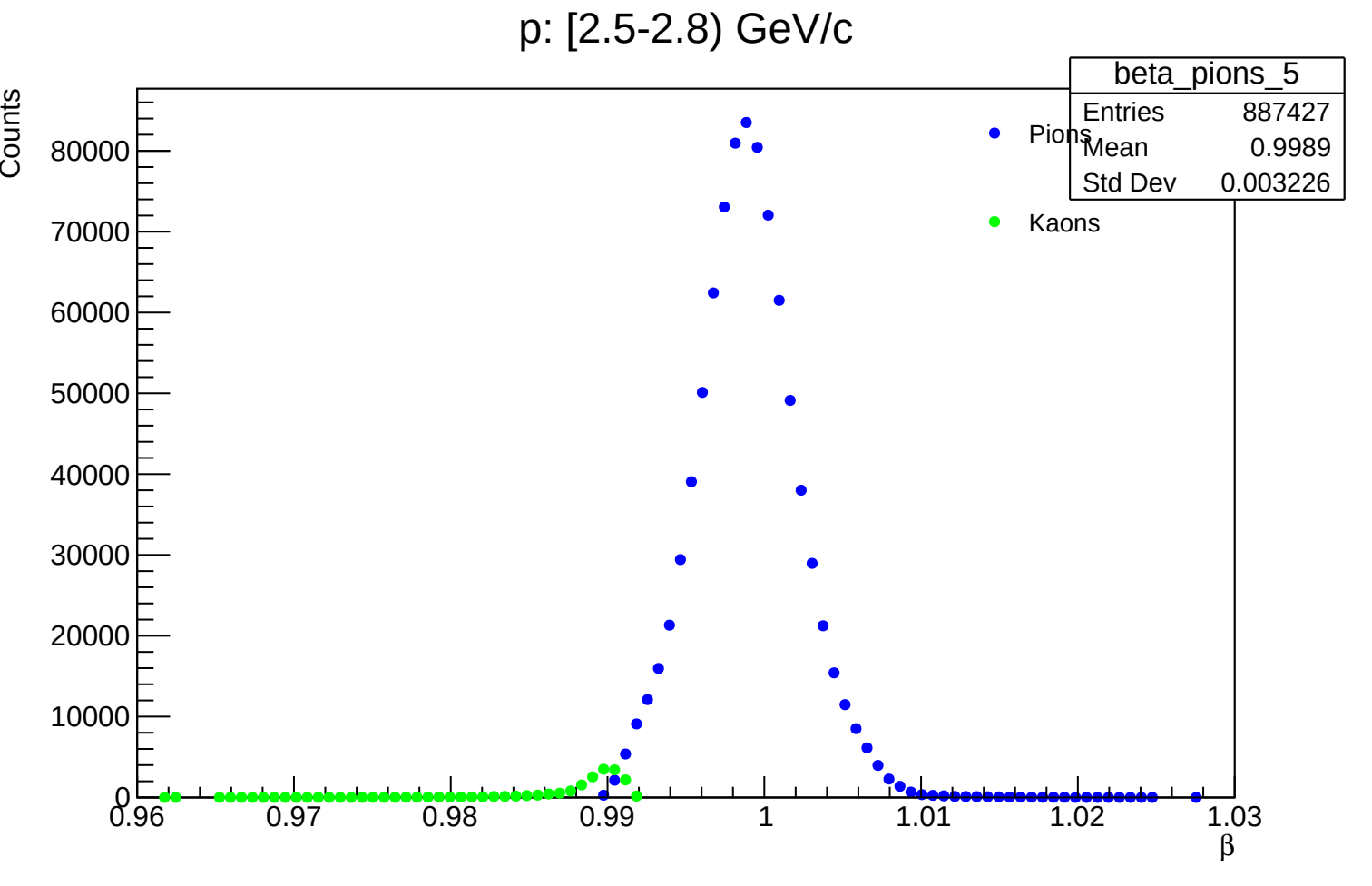

p: [1.0-1.3) GeV/c
beta_pions_0
Entries 4570411
Mean 0.9926
Std Dev 0.003901
Pions
Kaons
Counts
×10^3
350
300
250
200
150
100
50
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

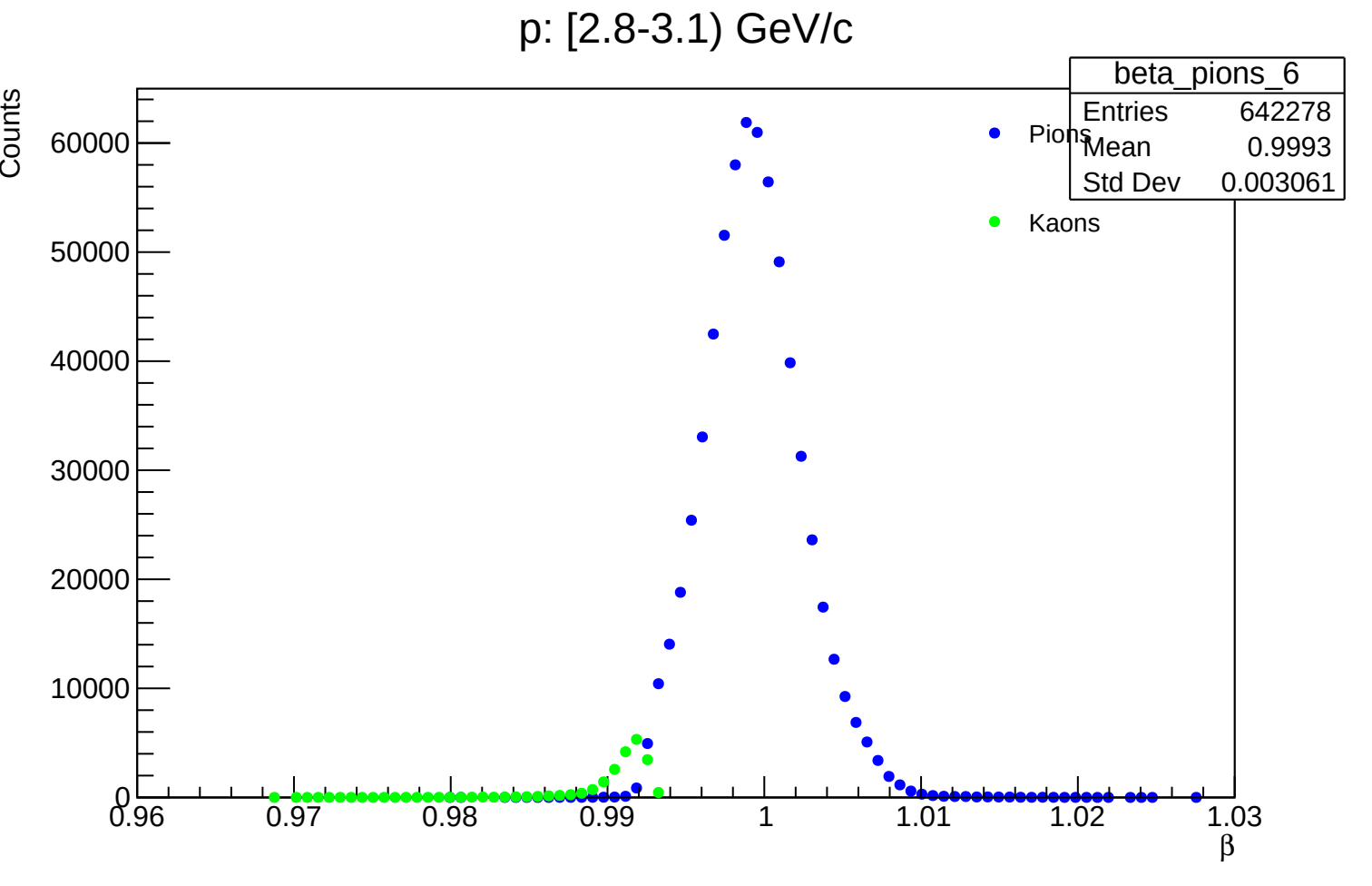

p: [1.3-1.6) GeV/c
beta_pions_1
Entries 3376984
Mean 0.9954
Std Dev 0.003709
Pions
Kaons
Counts
×10^3
250
200
150
100
50
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

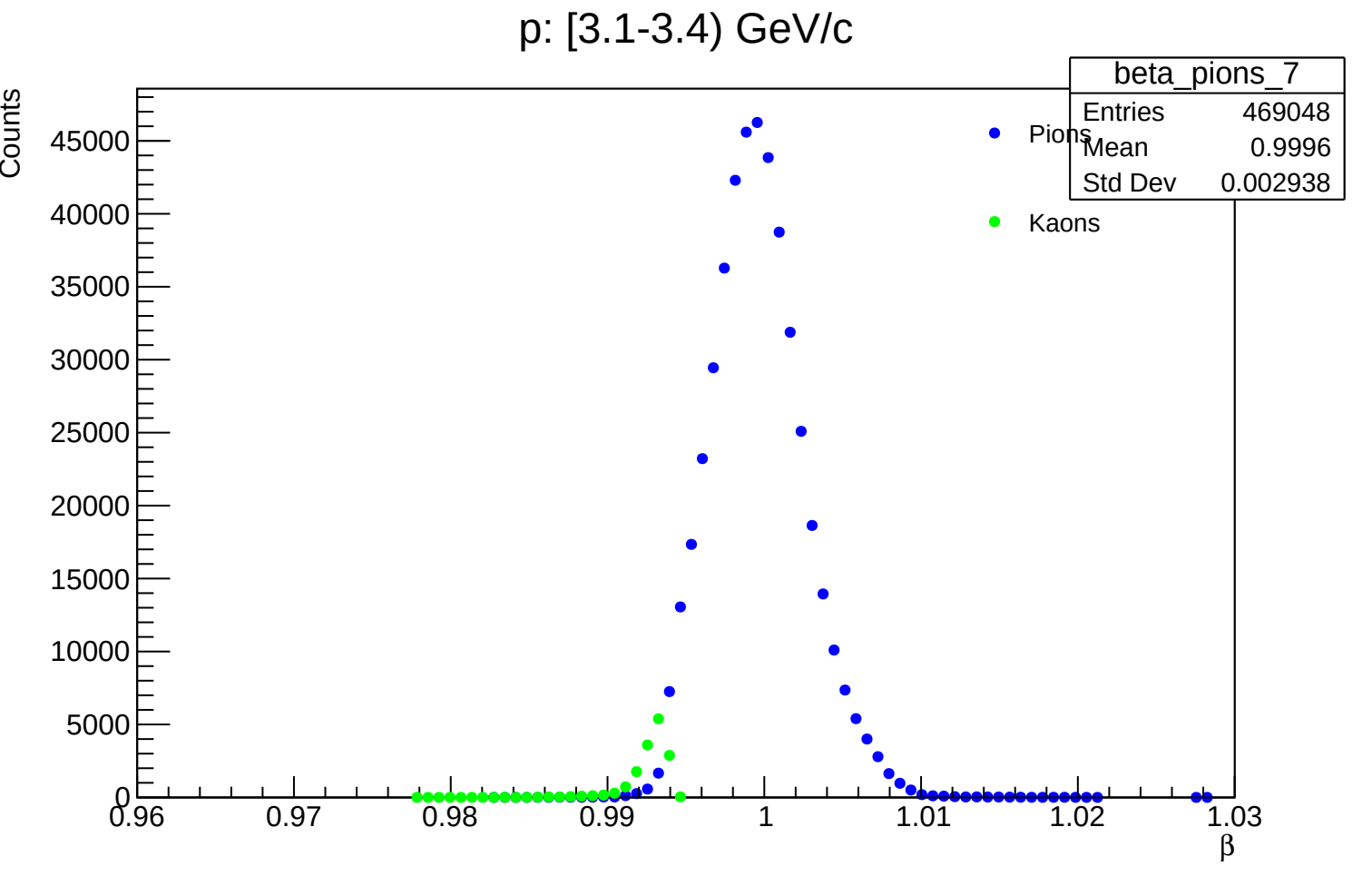

p: [1.6-1.9) GeV/c
beta_pions_2
Entries 2400307
Mean 0.9969
Std Dev 0.003594
Pions
Kaons
Counts
×10^3
200
180
160
140
120
100
80
60
40
20
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

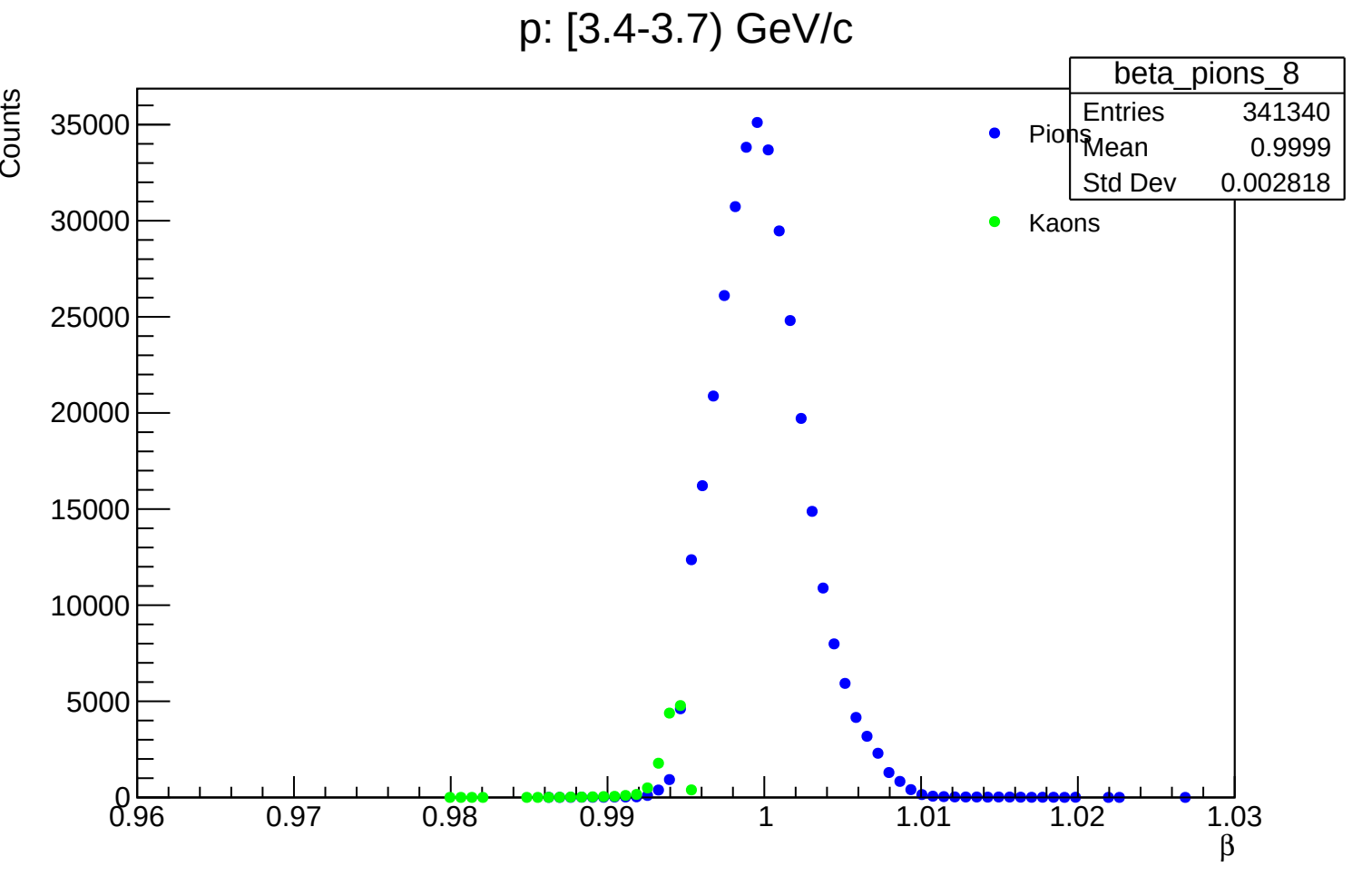

p: [1.9-2.2) GeV/c
beta_pions_3
Entries 1712198
Mean 0.9978
Std Dev 0.00349
Pions
Kaons
Counts
×10^3
140
120
100
80
60
40
20
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

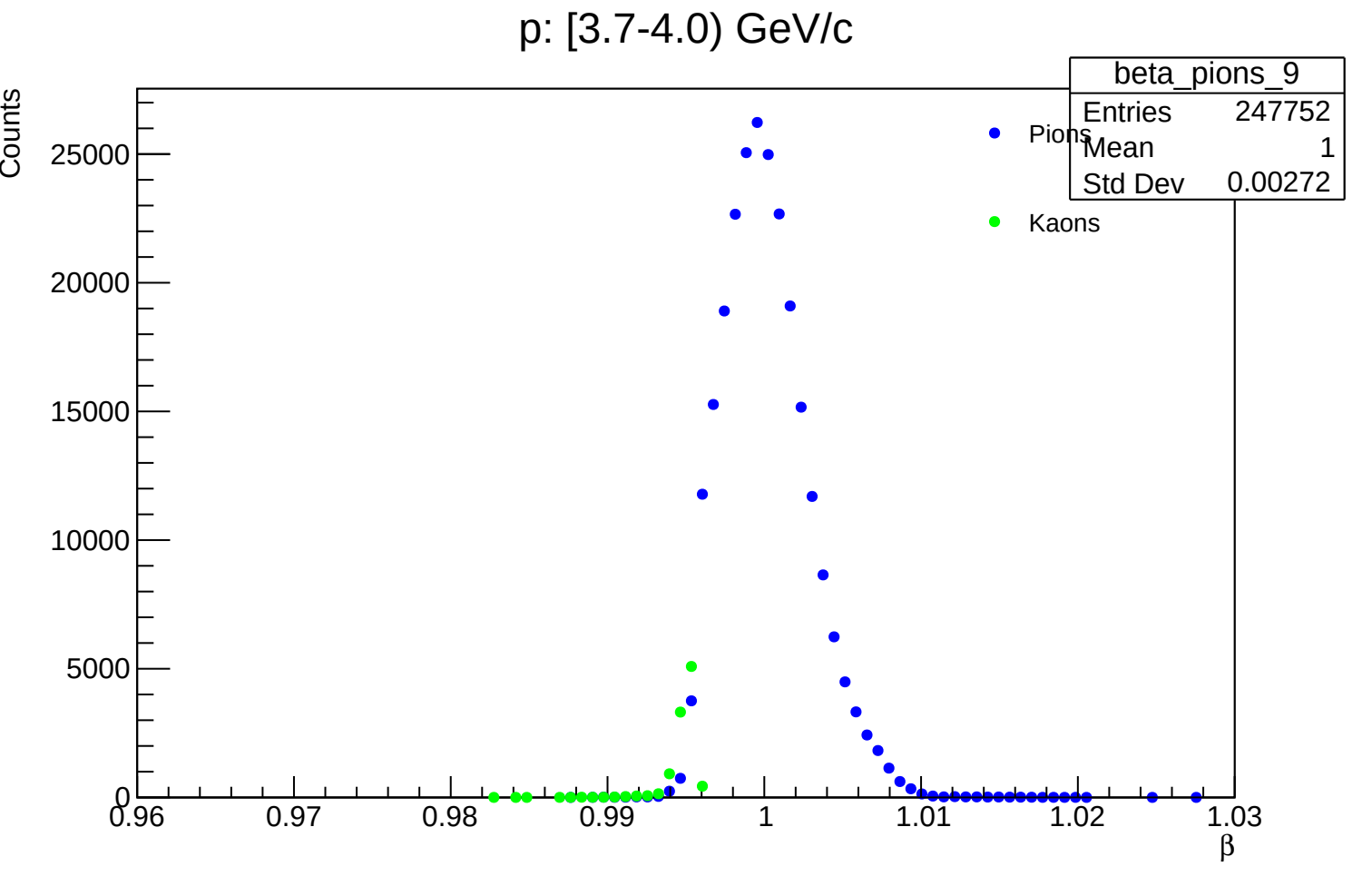

p: [2.2-2.5) GeV/c
beta_pions_4
Entries 1228889
Mean 0.9984
Std Dev 0.00338
Pions
Kaons
Counts
×10^3
100
80
60
40
20
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

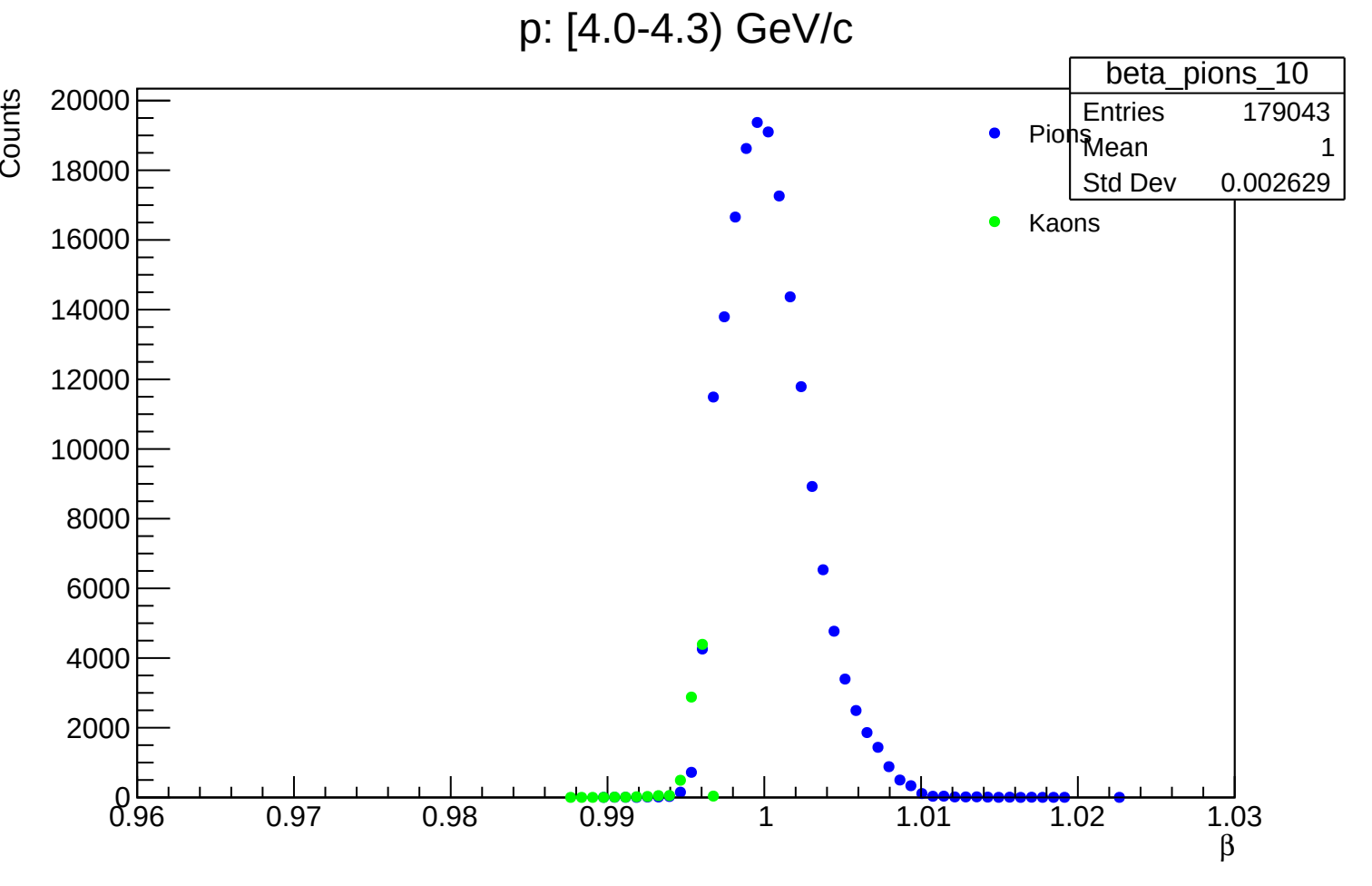

p: [2.5-2.8) GeV/c
beta_pions_5
Entries 887427
Mean 0.9989
Std Dev 0.003226
Pions
Kaons
Counts
80000
70000
60000
50000
40000
30000
20000
10000
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

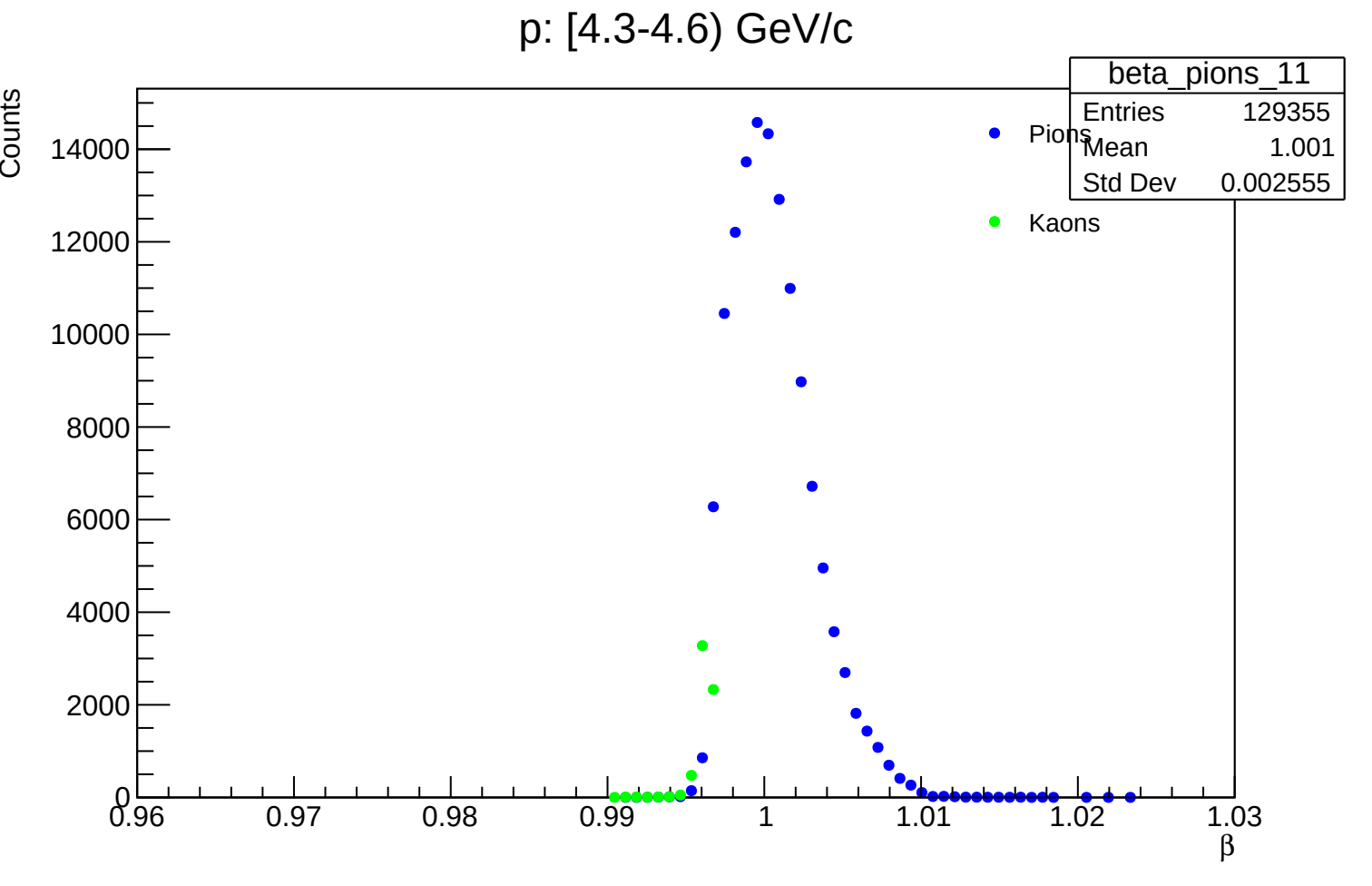

p: [2.8-3.1) GeV/c
beta_pions_6
Entries 642278
Mean 0.9993
Std Dev 0.003061
Pions
Kaons
Counts
60000
50000
40000
30000
20000
10000
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

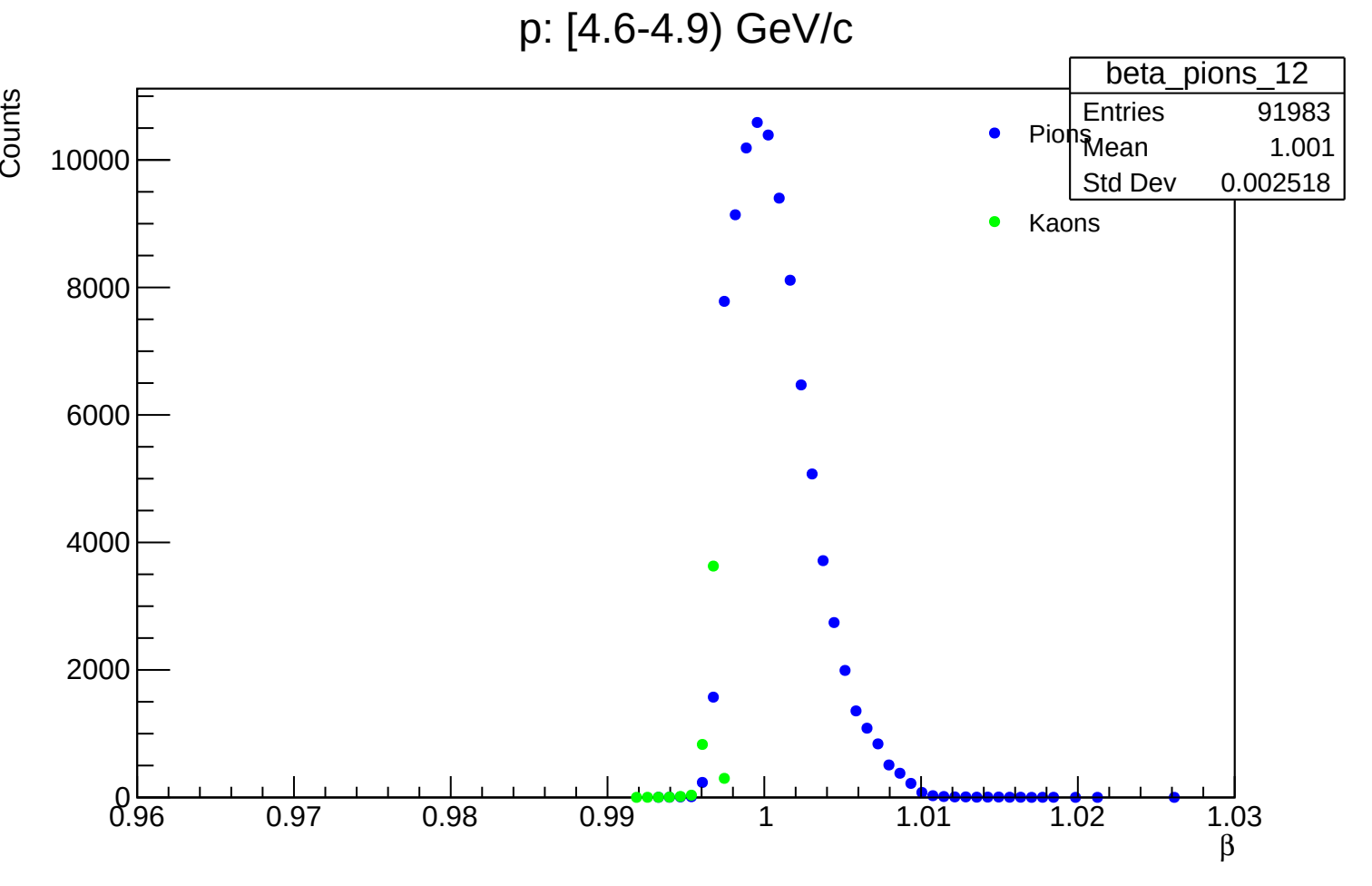

p: [3.1-3.4) GeV/c
beta_pions_7
Entries 469048
Mean 0.9996
Std Dev 0.002938
Pions
Kaons
Counts
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

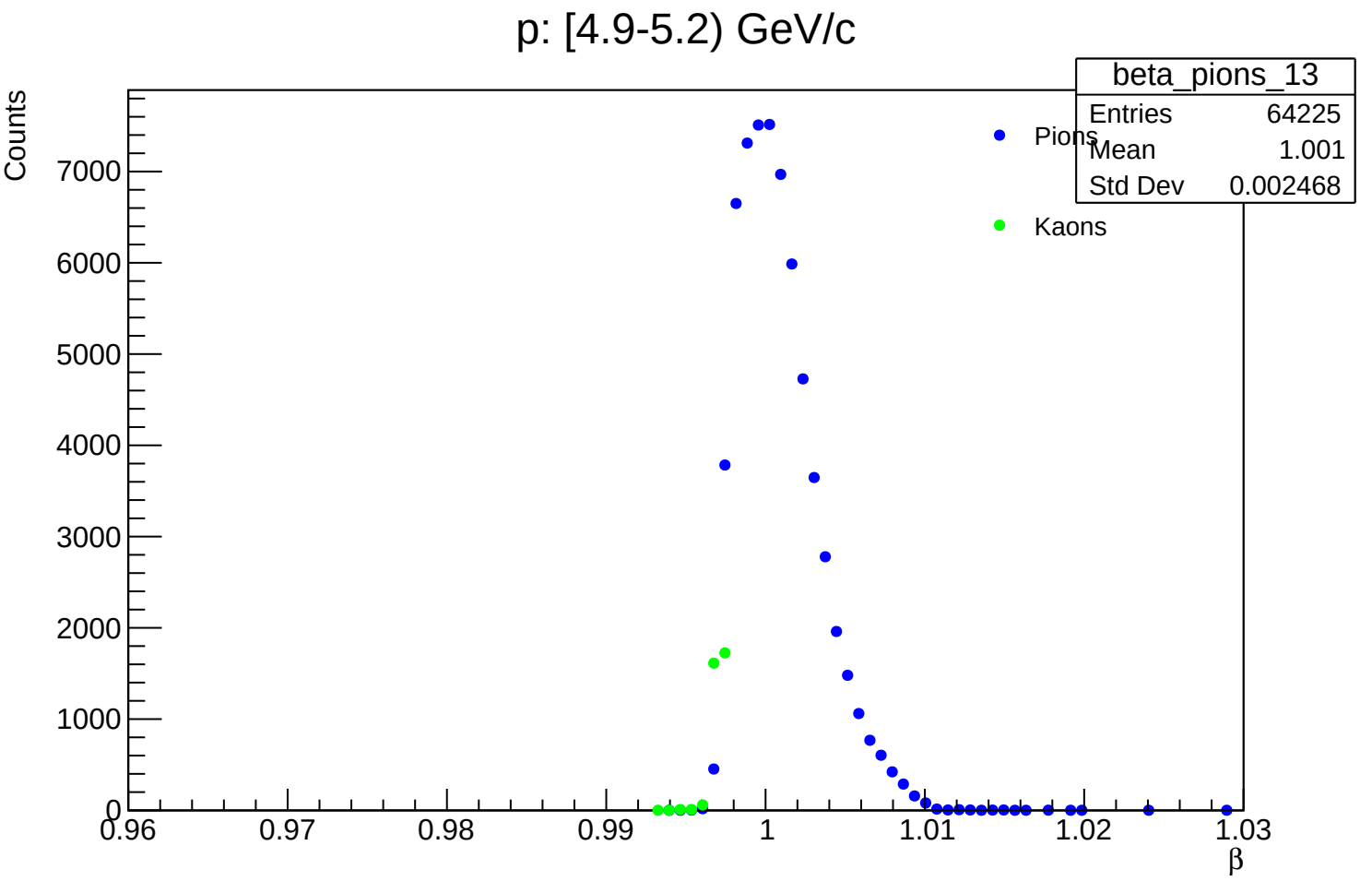

p: [3.4-3.7) GeV/c
beta_pions_8
Entries 341340
Mean 0.9999
Std Dev 0.002818
Pions
Kaons
Counts
35000
30000
25000
20000
15000
10000
5000
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

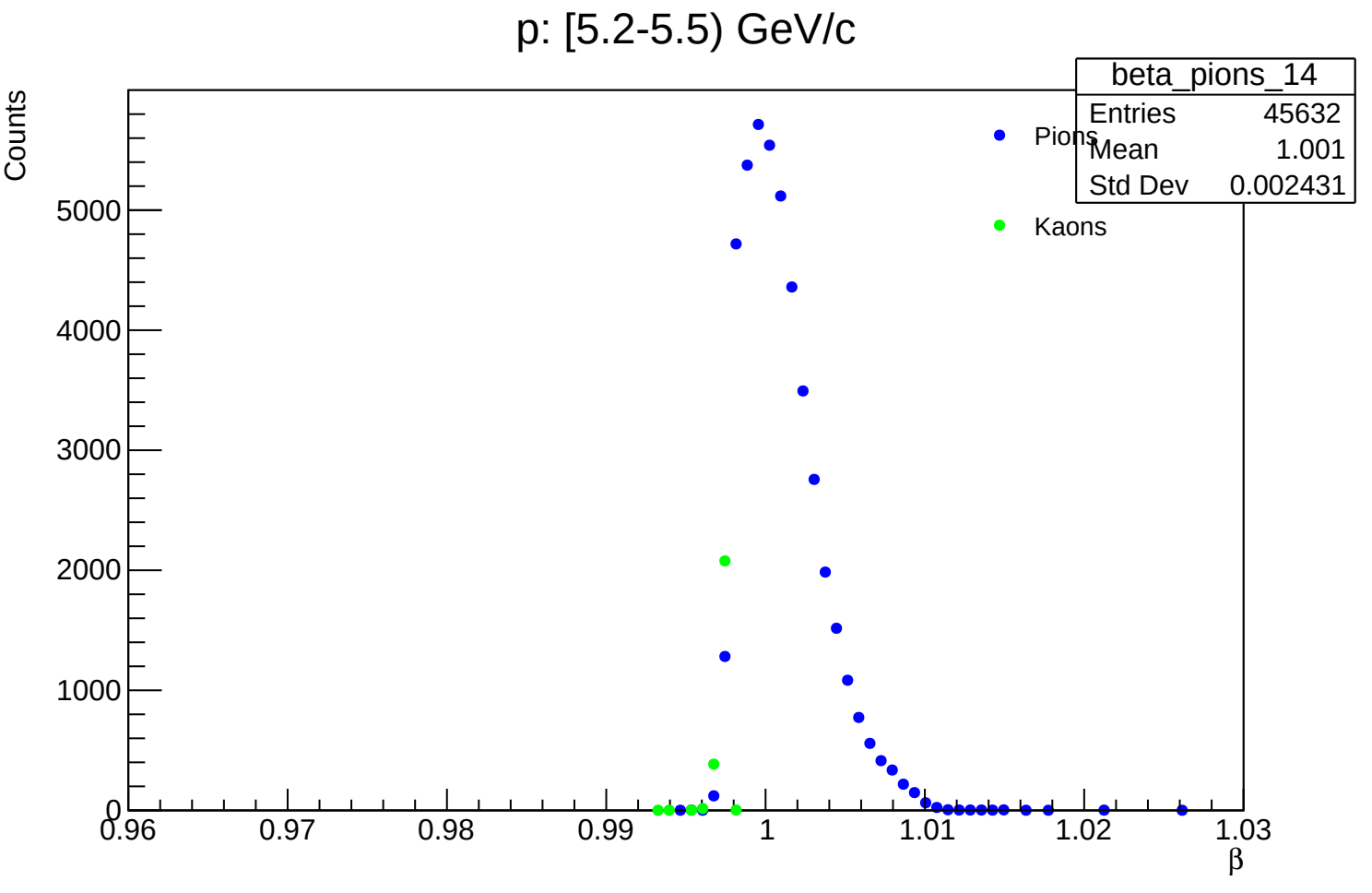

p: [3.7-4.0) GeV/c
beta_pions_9
Entries 247752
Mean 1
Std Dev 0.00272
Pions
Kaons
Counts
25000
20000
15000
10000
5000
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

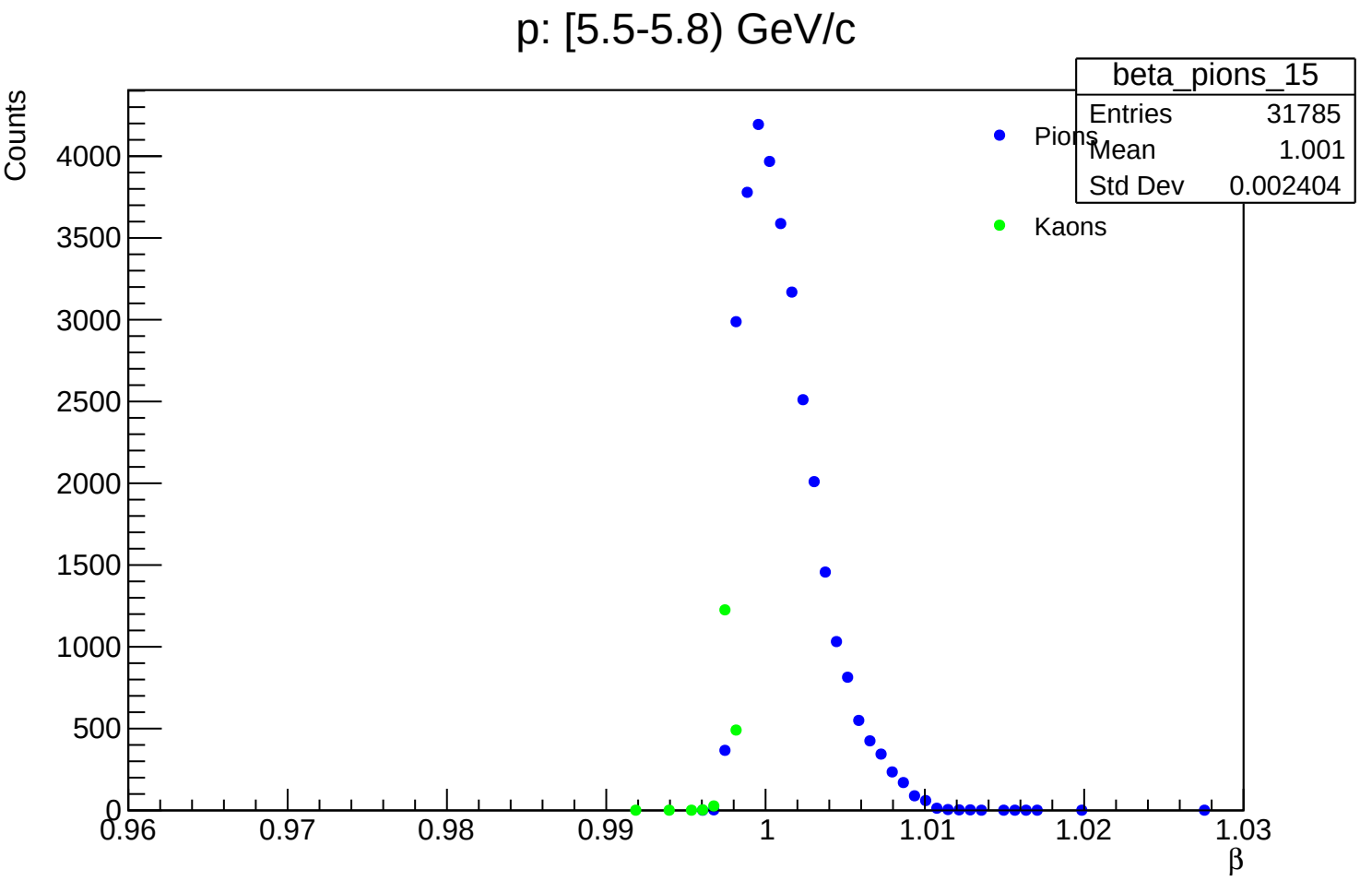

p: [4.0-4.3) GeV/c
beta_pions_10
Entries 179043
Mean 1
Std Dev 0.002629
Pions
Kaons
Counts
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

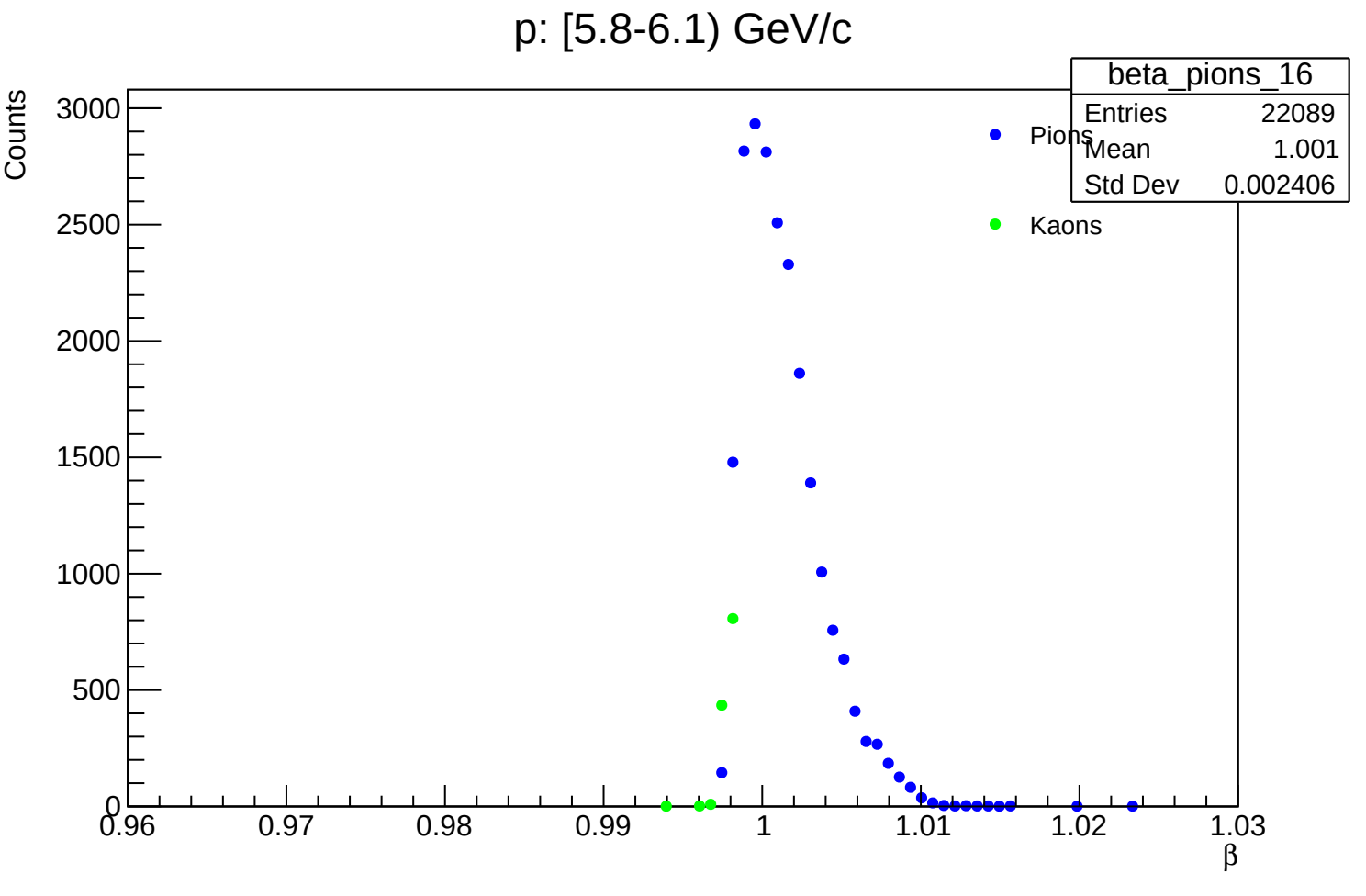

p: [4.3-4.6) GeV/c
beta_pions_11
Entries 129355
Mean 1.001
Std Dev 0.002555
Pions
Kaons
Counts
14000
12000
10000
8000
6000
4000
2000
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

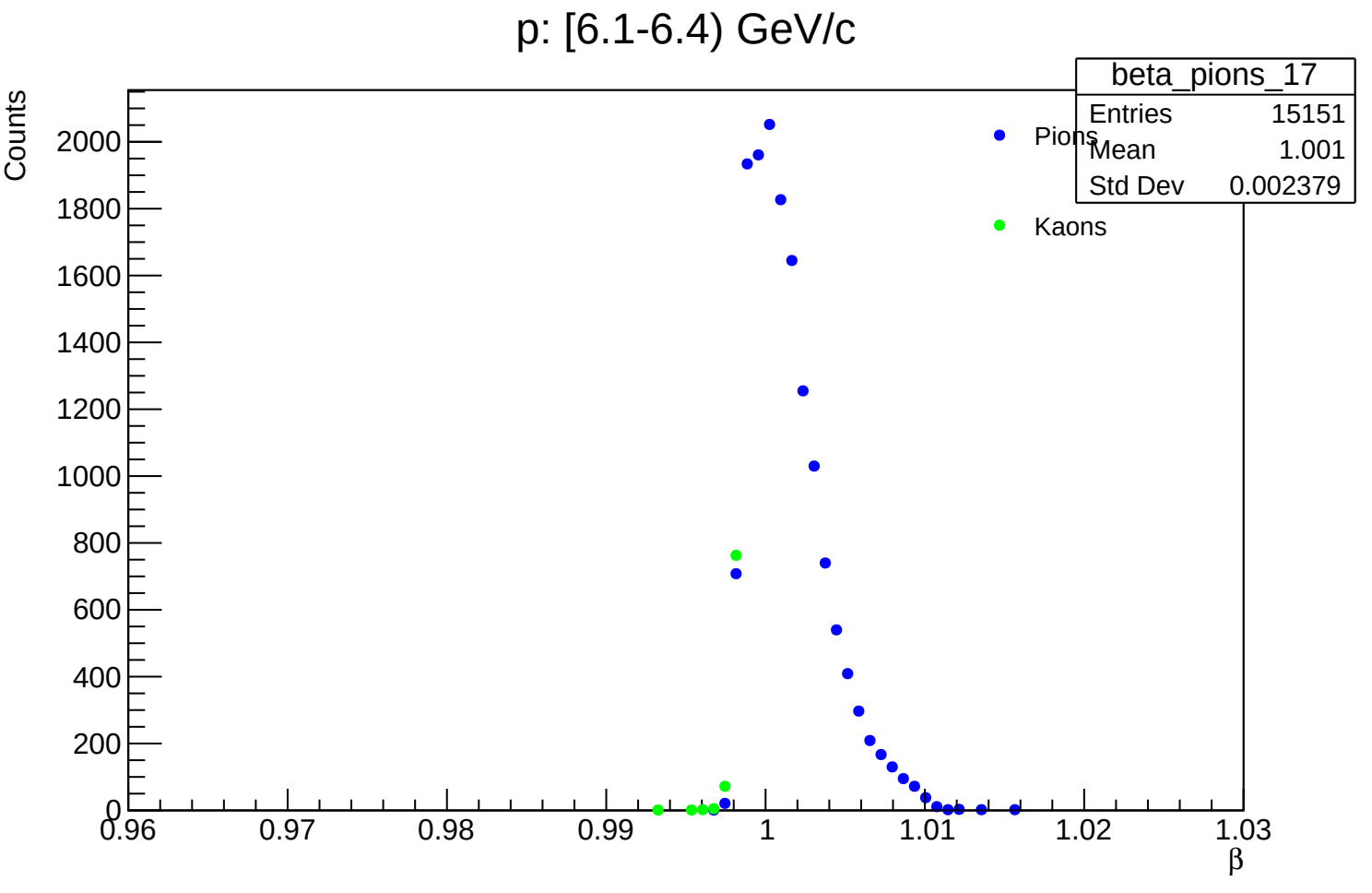

p: [4.6-4.9) GeV/c
beta_pions_12
Entries 91983
Mean 1.001
Std Dev 0.002518
Pions
Kaons
Counts
10000
8000
6000
4000
2000
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

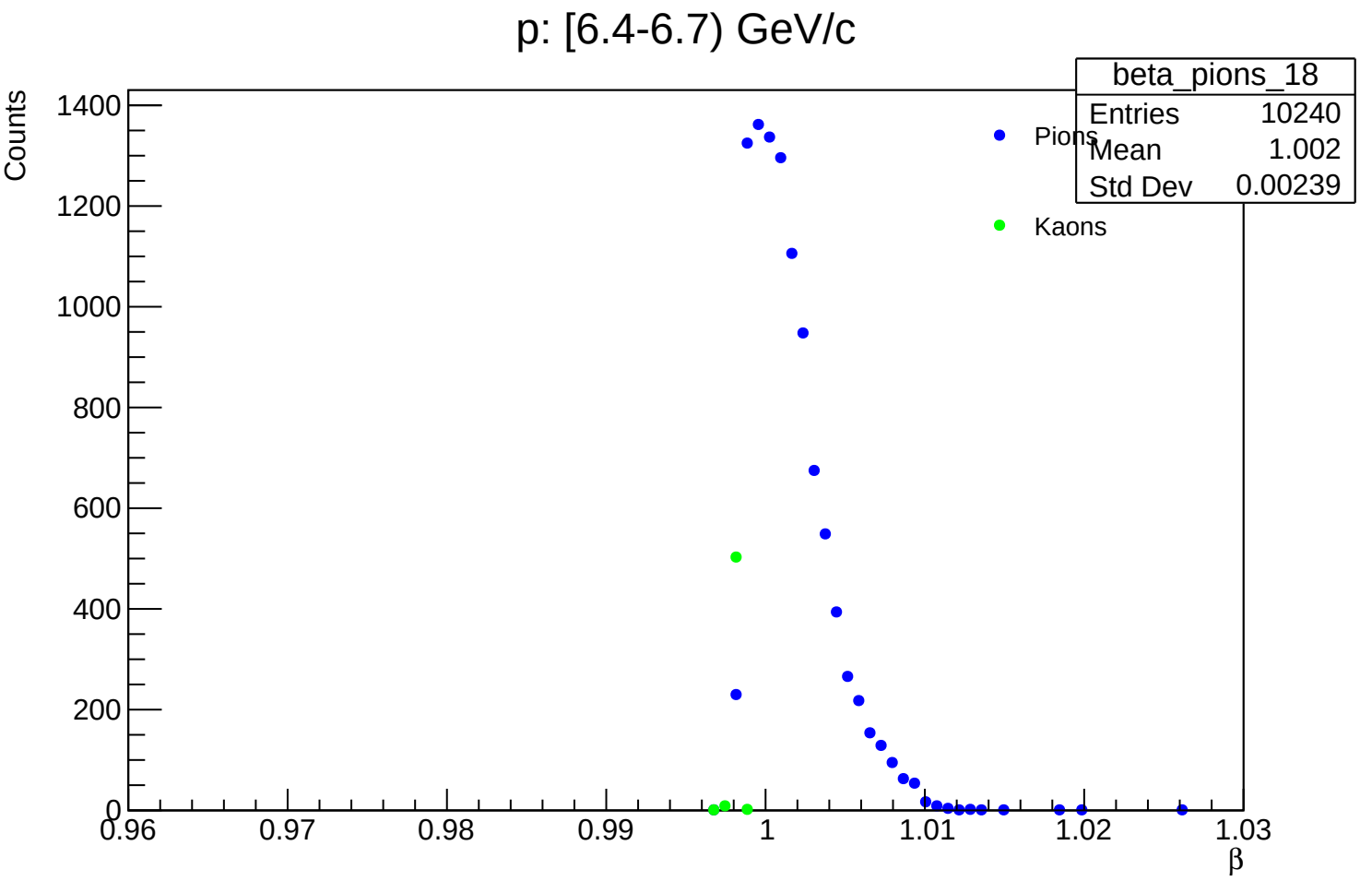

p: [4.9-5.2) GeV/c
beta_pions_13
Entries 64225
Mean 1.001
Std Dev 0.002468
Pions
Kaons
Counts
0
1000
2000
3000
4000
5000
6000
7000
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

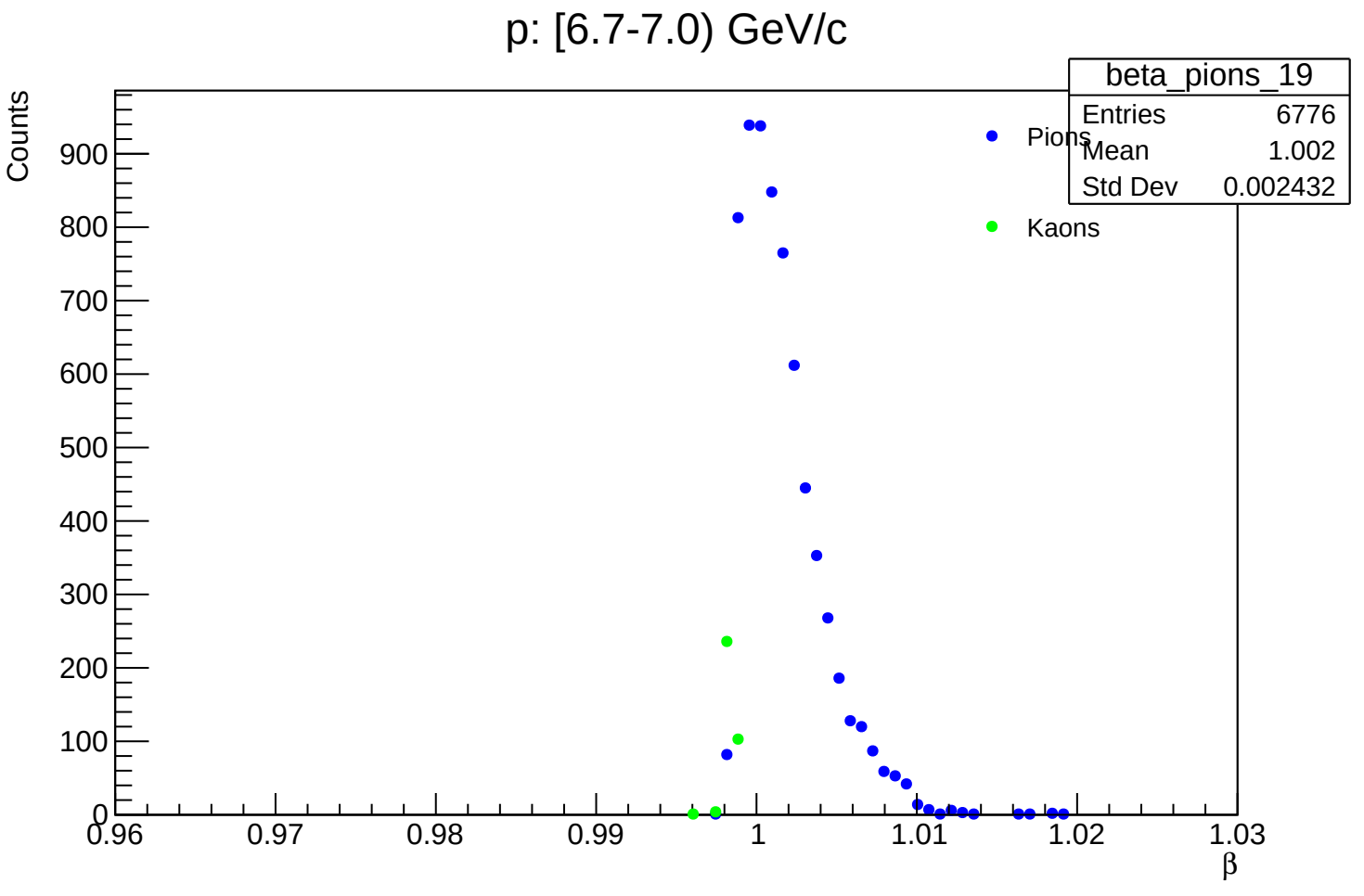

p: [5.2-5.5) GeV/c
beta_pions_14
Entries 45632
Mean 1.001
Std Dev 0.002431
Pions
Kaons
Counts
5000
4000
3000
2000
1000
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β


p: [5.5-5.8) GeV/c
beta_pions_15
Entries 31785
Mean 1.001
Std Dev 0.002404
Pions
Kaons
Counts
4000
3500
3000
2500
2000
1500
1000
500
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β


p: [5.8-6.1) GeV/c
beta_pions_16
Entries 22089
Mean 1.001
Std Dev 0.002406
Pions
Kaons
Counts
3000
2500
2000
1500
1000
500
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β


p: [6.1-6.4) GeV/c
beta_pions_17
Entries 15151
Mean 1.001
Std Dev 0.002379
Pions
Kaons
Counts
0
200
400
600
800
1000
1200
1400
1600
1800
2000
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β


p: [6.4-6.7) GeV/c
beta_pions_18
Entries 10240
Mean 1.002
Std Dev 0.00239
Pions
Kaons
Counts
1400
1200
1000
800
600
400
200
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β


p: [6.7-7.0) GeV/c
beta_pions_19
Entries 6776
Mean 1.002
Std Dev 0.002432
Pions
Kaons
Counts
0
100
200
300
400
500
600
700
800
900
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β