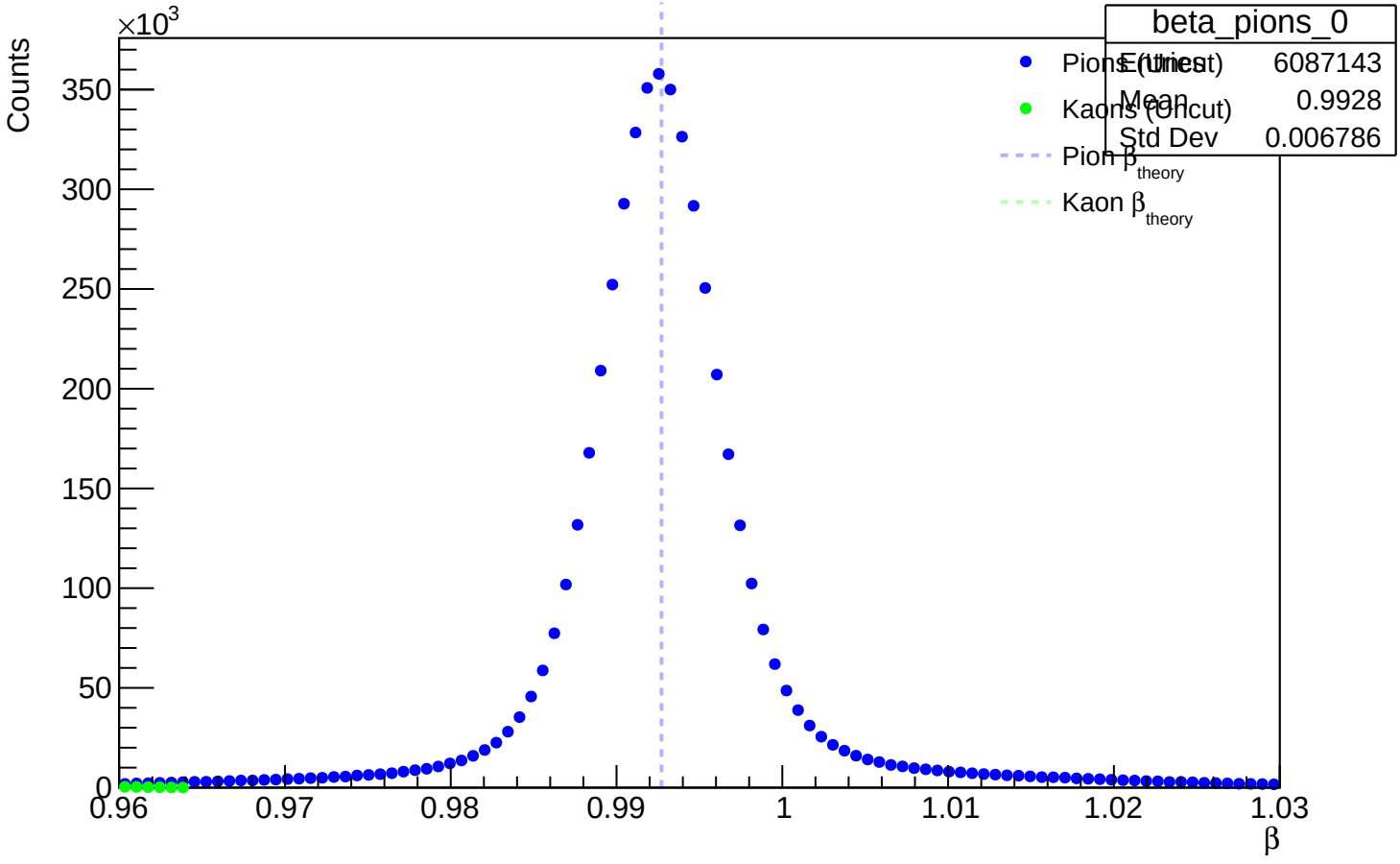
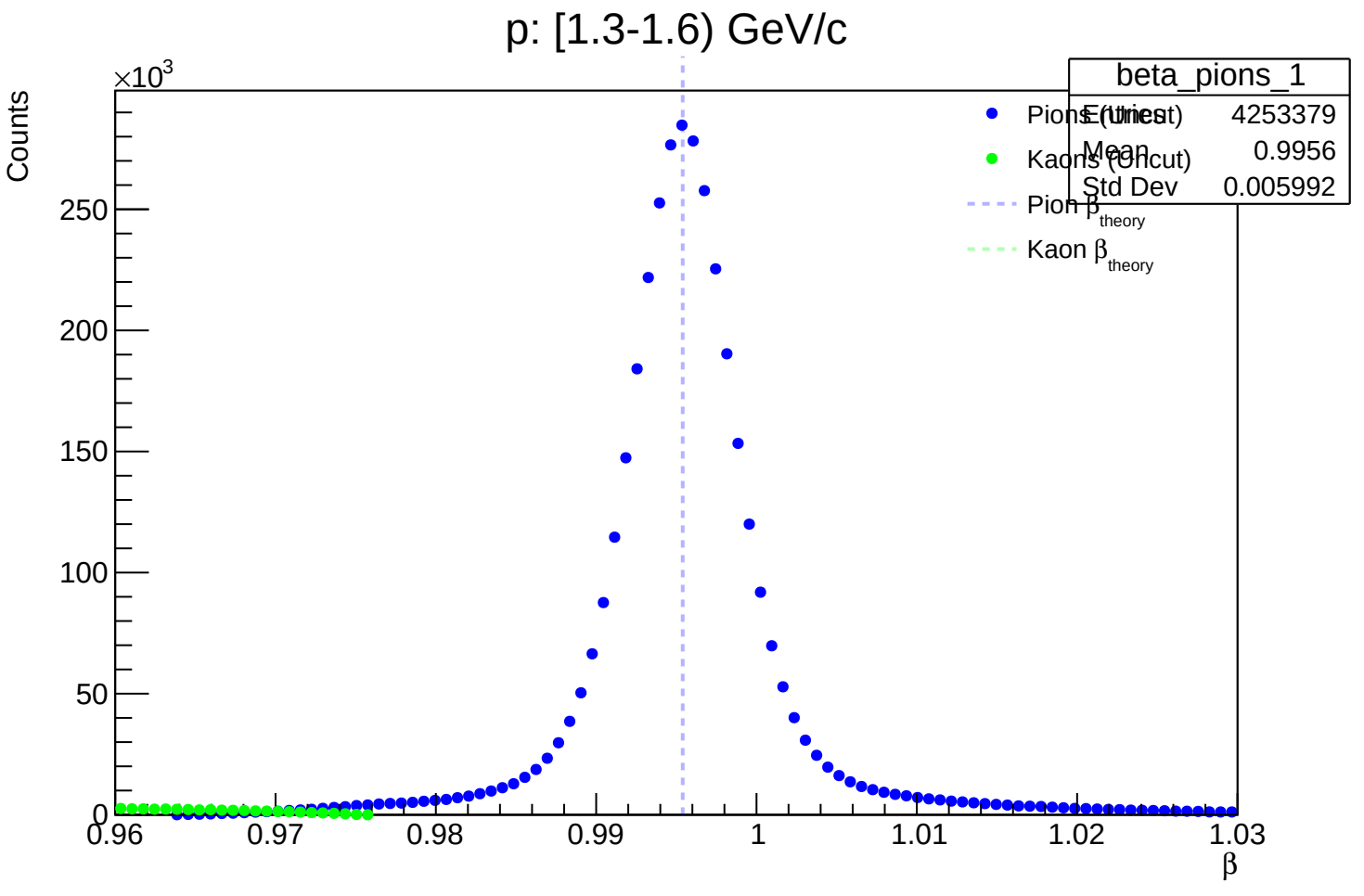
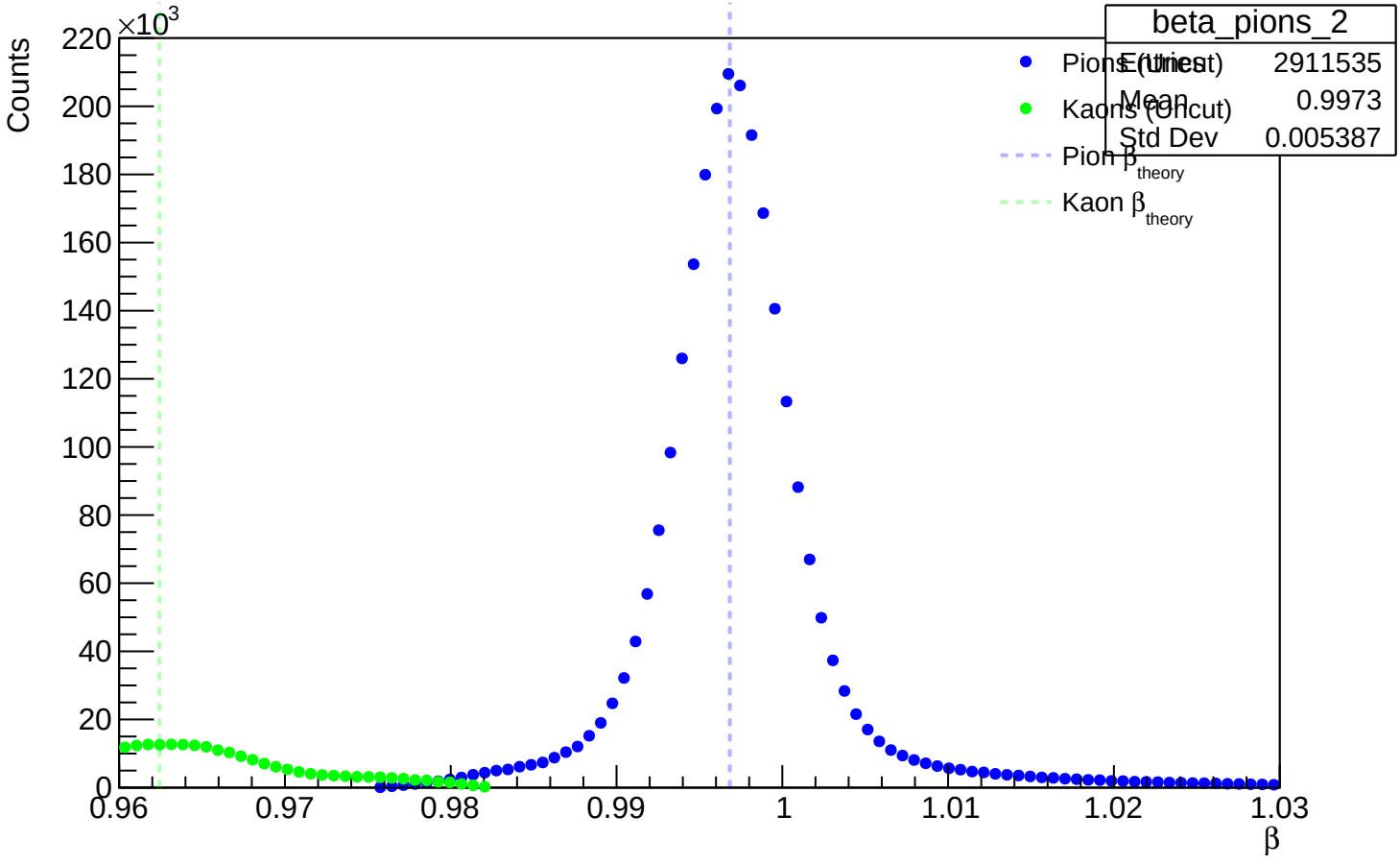
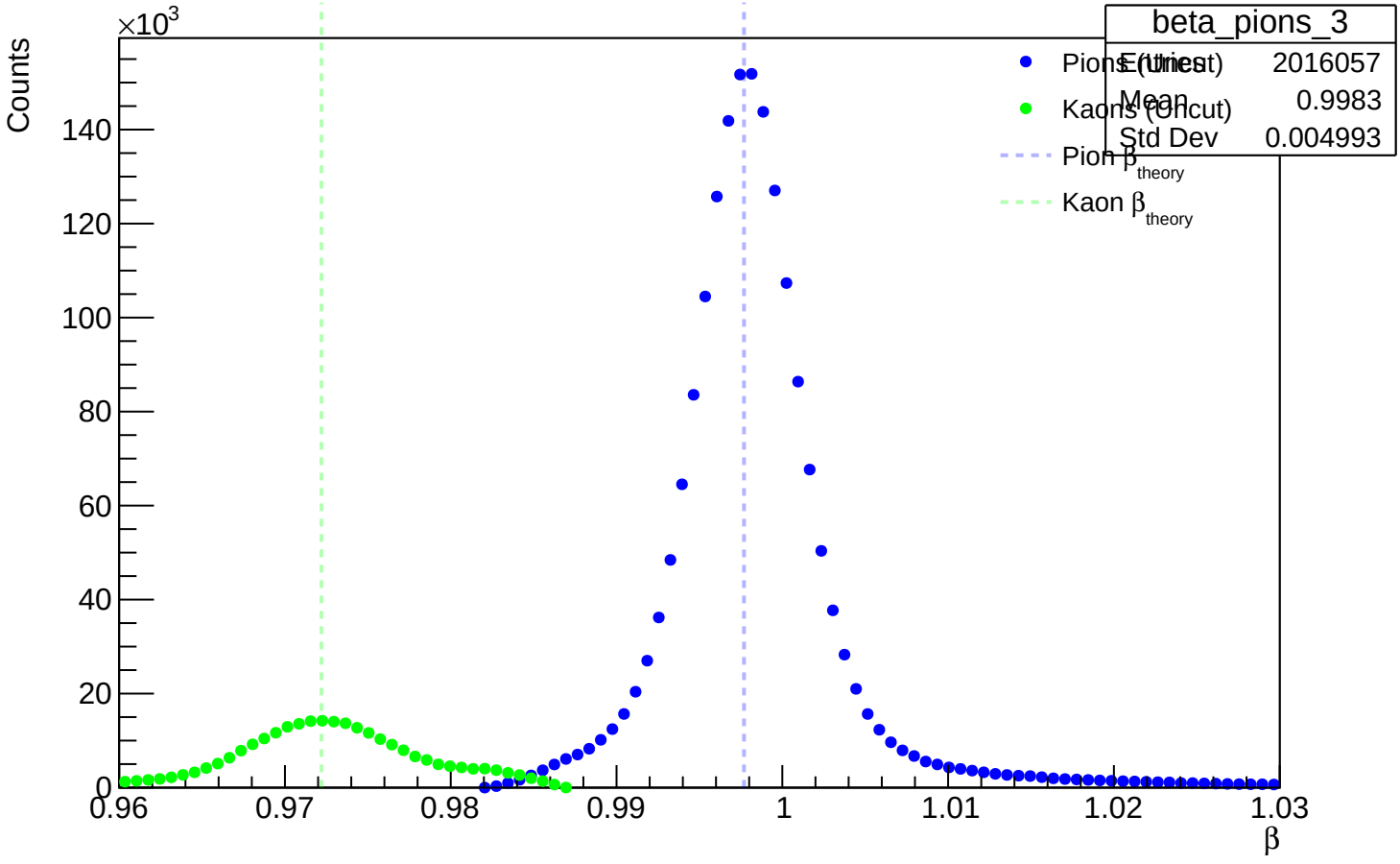
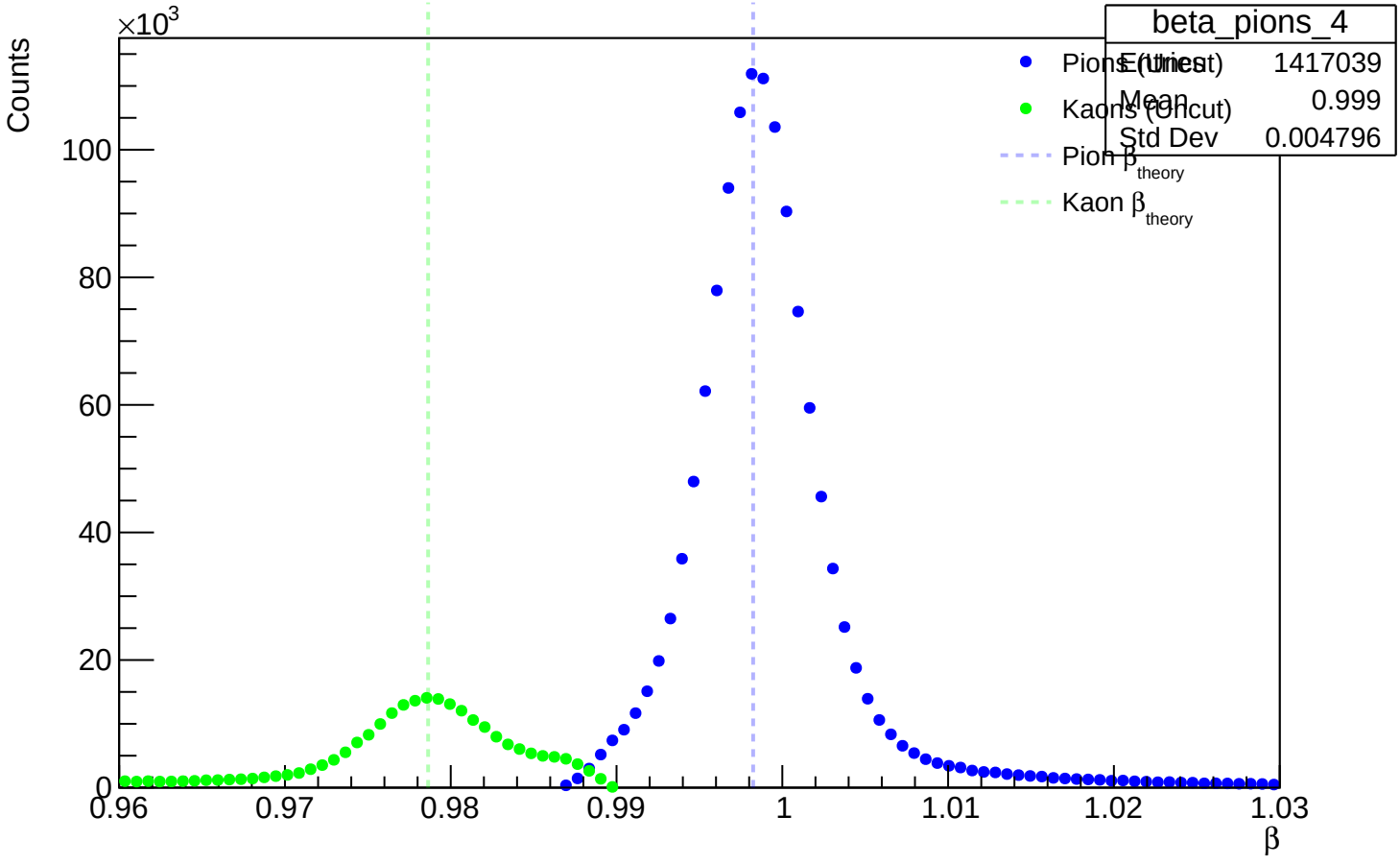
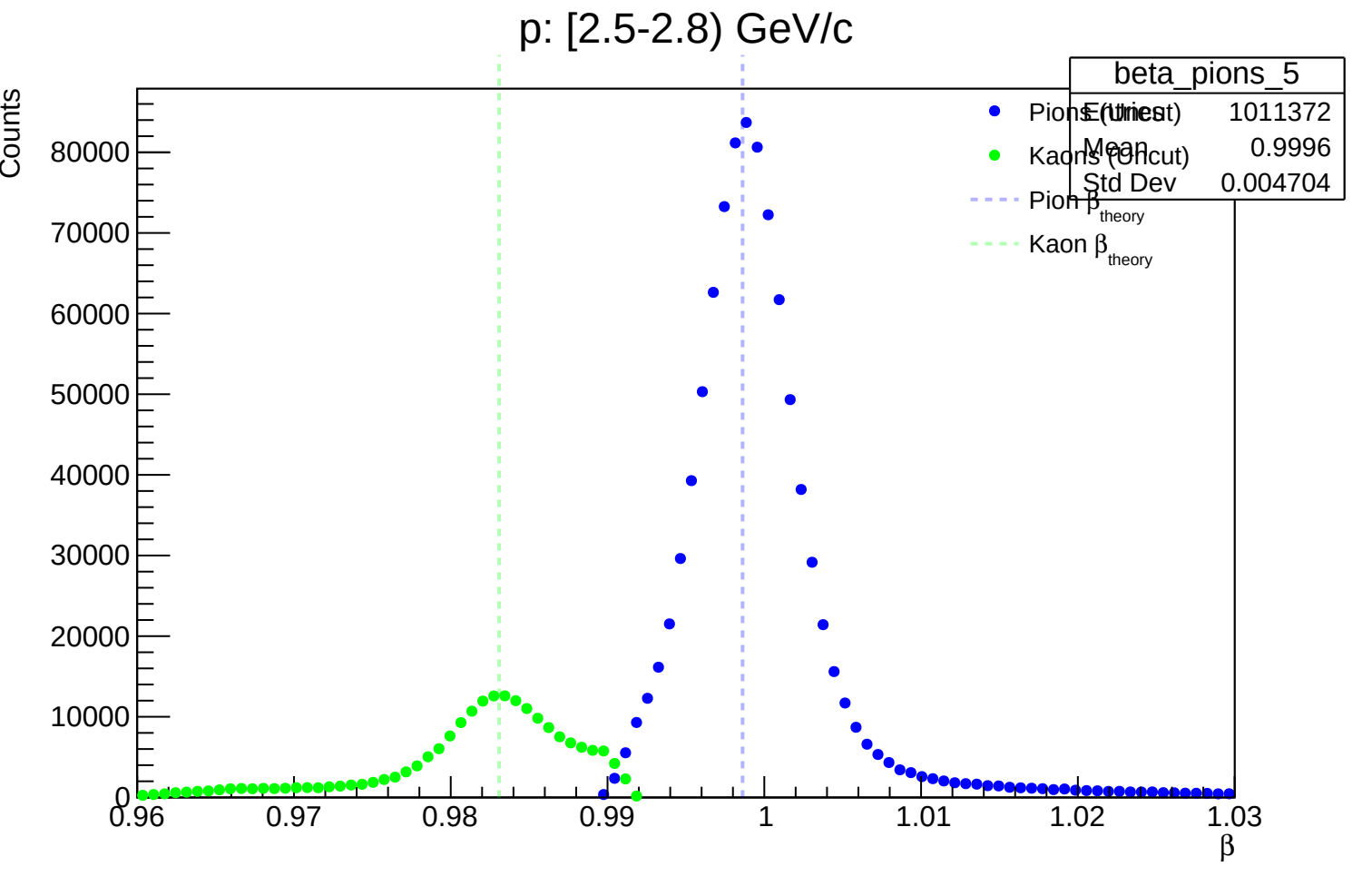

p: [1.0-1.3) GeV/c
Counts
×10^3
350
300
250
200
150
100
50
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β
beta_pions_0
Entries 6087143
Mean 0.9928
Std Dev 0.006786
Pions (uncut)
Kaons (uncut)
Pion β theory
Kaon β theory

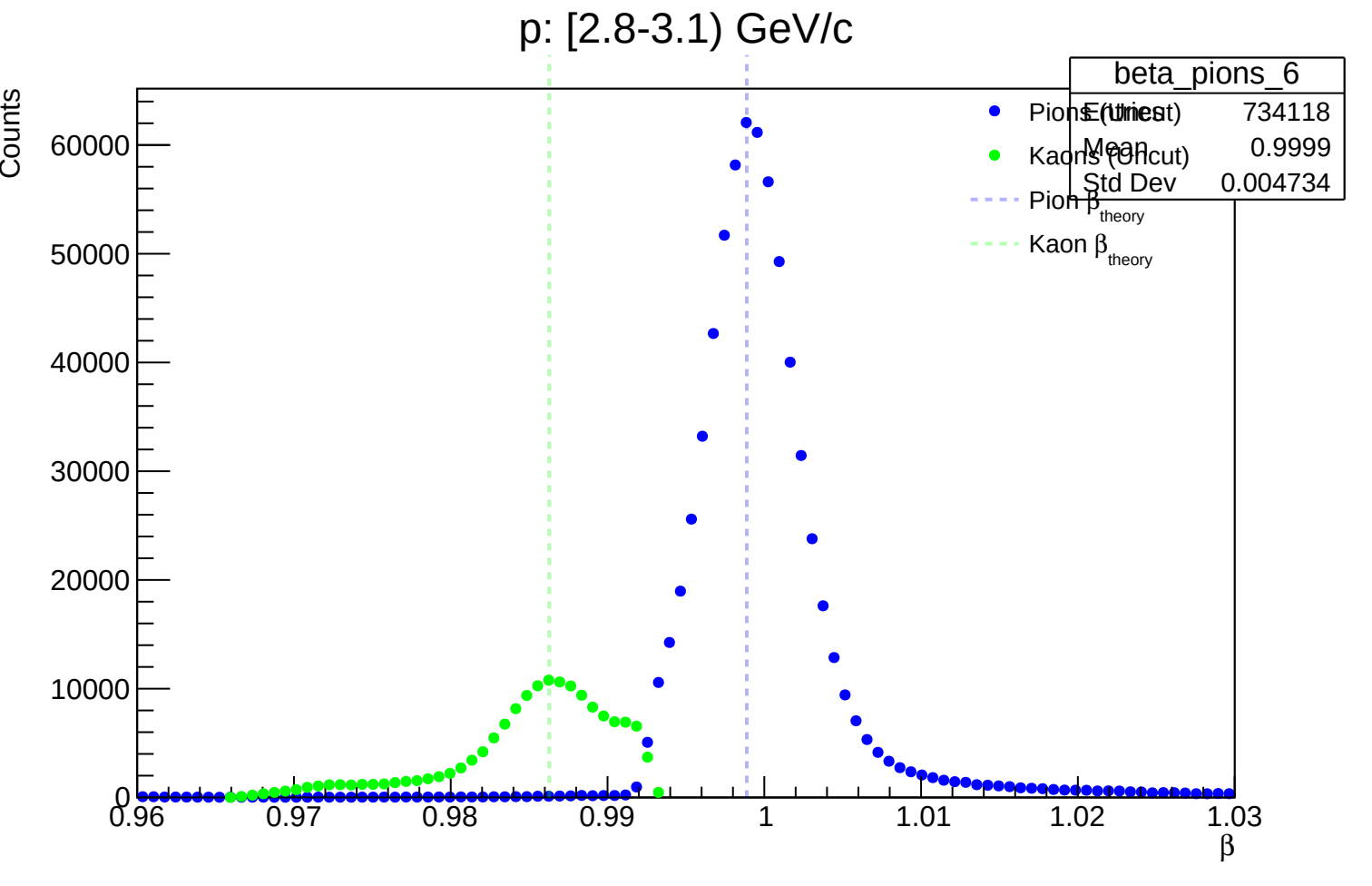

p: [1.3-1.6) GeV/c
Counts
×10^3
250
200
150
100
50
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β
beta_pions_1
Entries 4253379
Mean 0.9956
Std Dev 0.005992
Pions (uncut)
Kaons (uncut)
Pion β theory
Kaon β theory

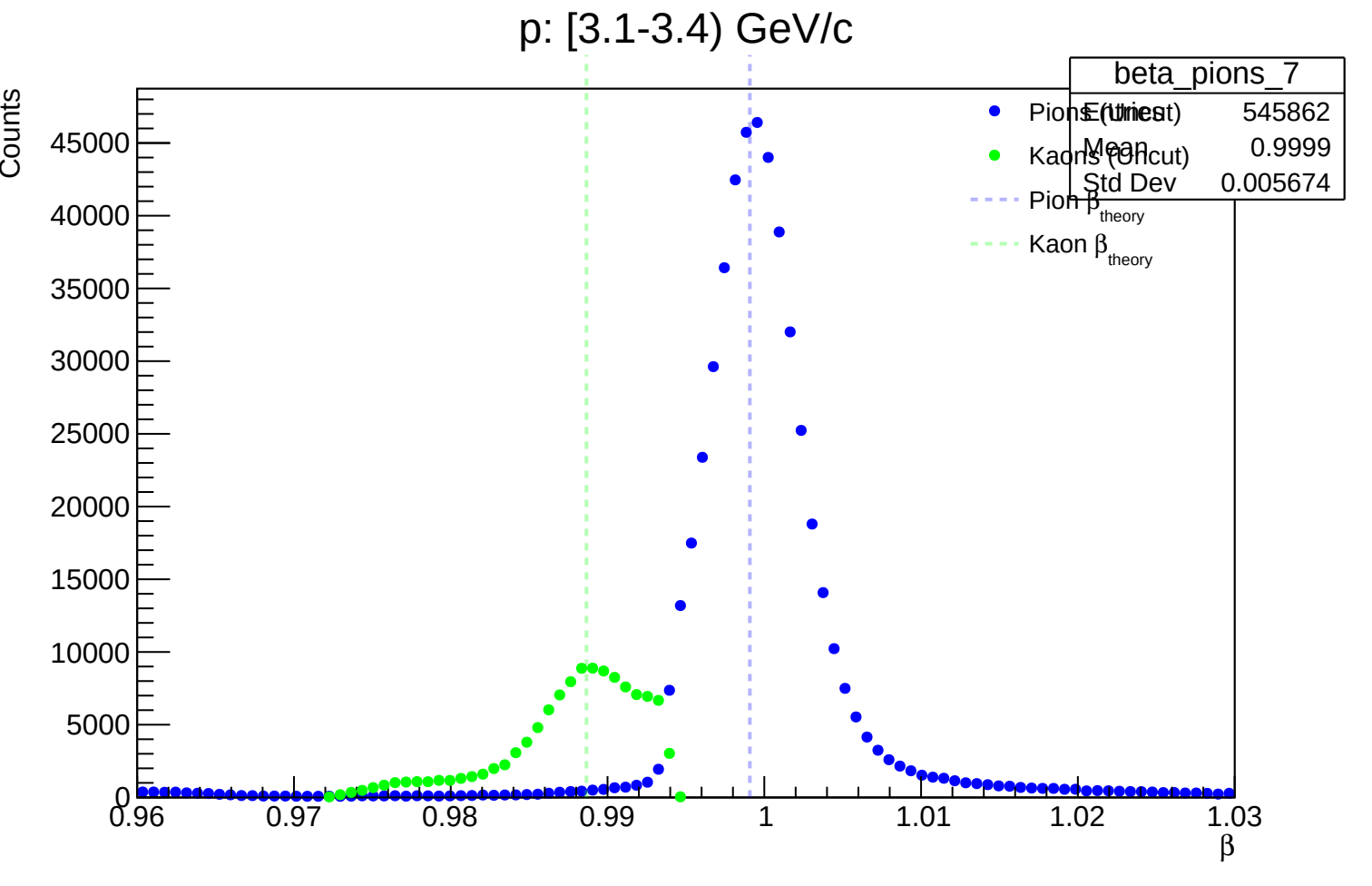

p: [1.6-1.9) GeV/c
Counts
×10^3
220
200
180
160
140
120
100
80
60
40
20
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β
beta_pions_2
Entries 2911535
Mean 0.9973
Std Dev 0.005387
Pions (Uncut)
Kaons (Uncut)
Pion β theory
Kaon β theory

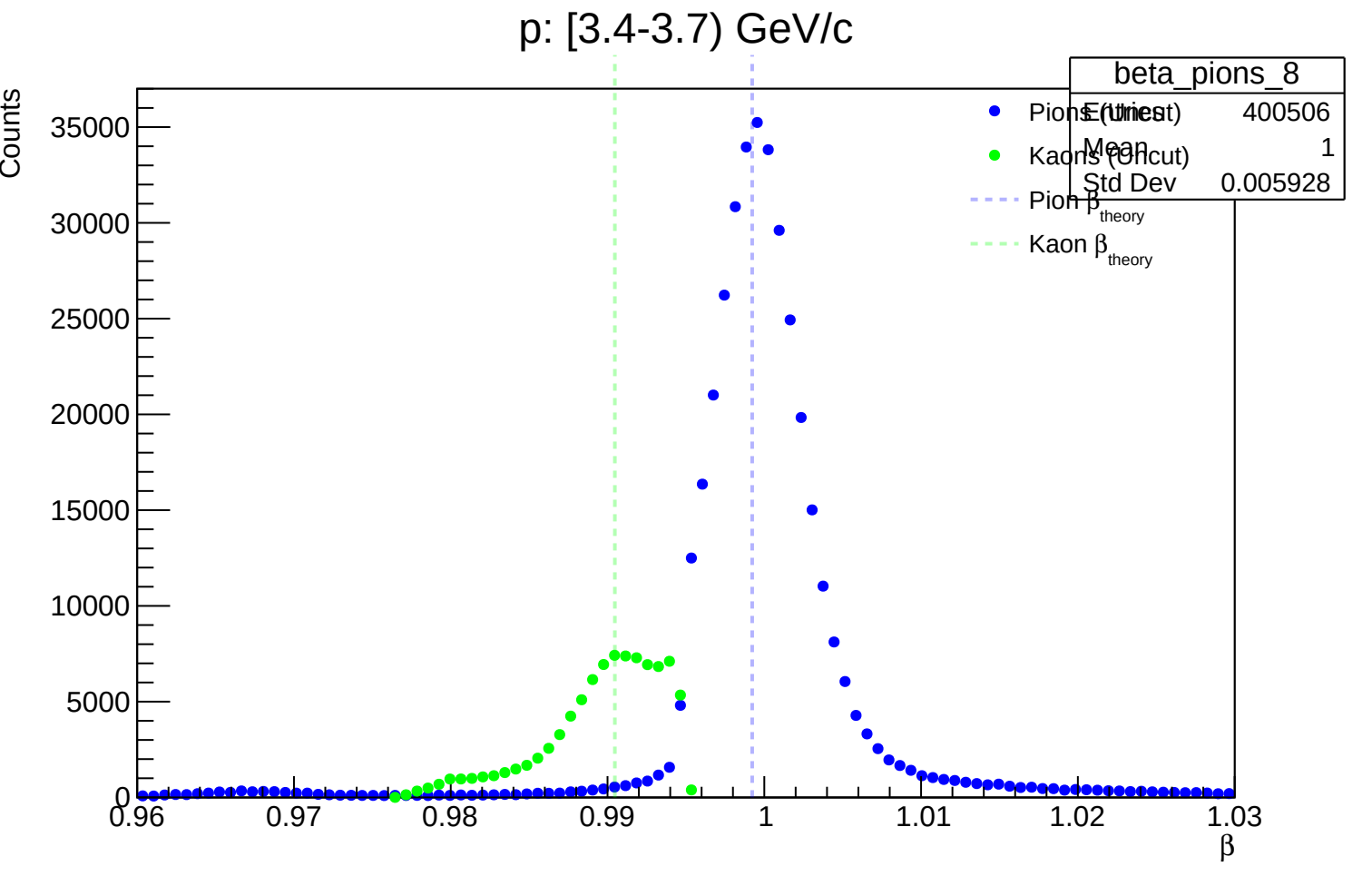

p: [1.9-2.2) GeV/c
Counts
×10^3
140
120
100
80
60
40
20
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β
beta_pions_3
Entries 2016057
Mean 0.9983
Std Dev 0.004993
Pions (uncut)
Kaons (uncut)
Pion β theory
Kaon β theory

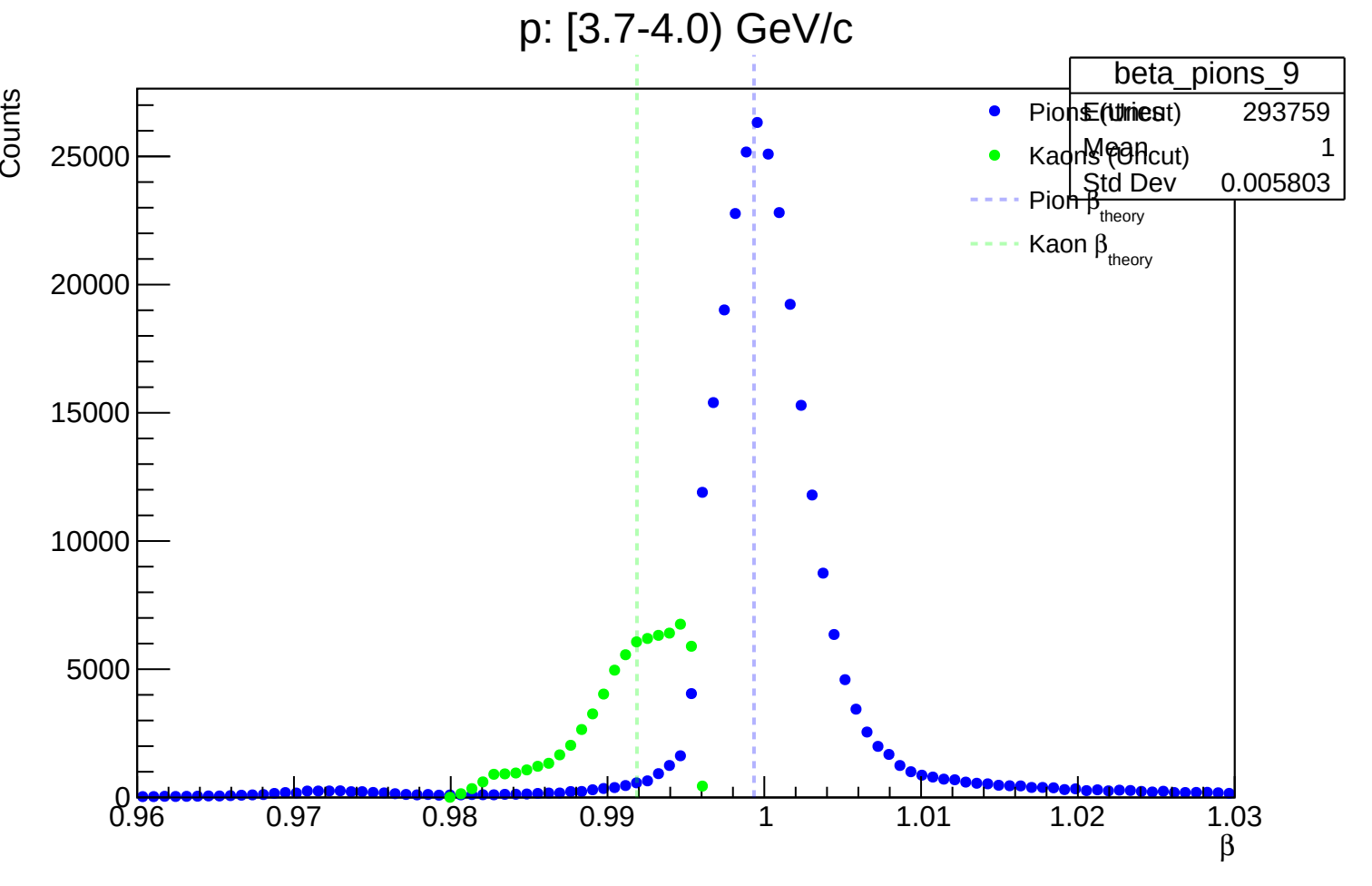

p: [2.2-2.5) GeV/c
Counts
×10^3
100
80
60
40
20
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β
beta_pions_4
Entries 1417039
Mean 0.999
Std Dev 0.004796
Pions (Uncut)
Kaons (Uncut)
Pion β theory
Kaon β theory

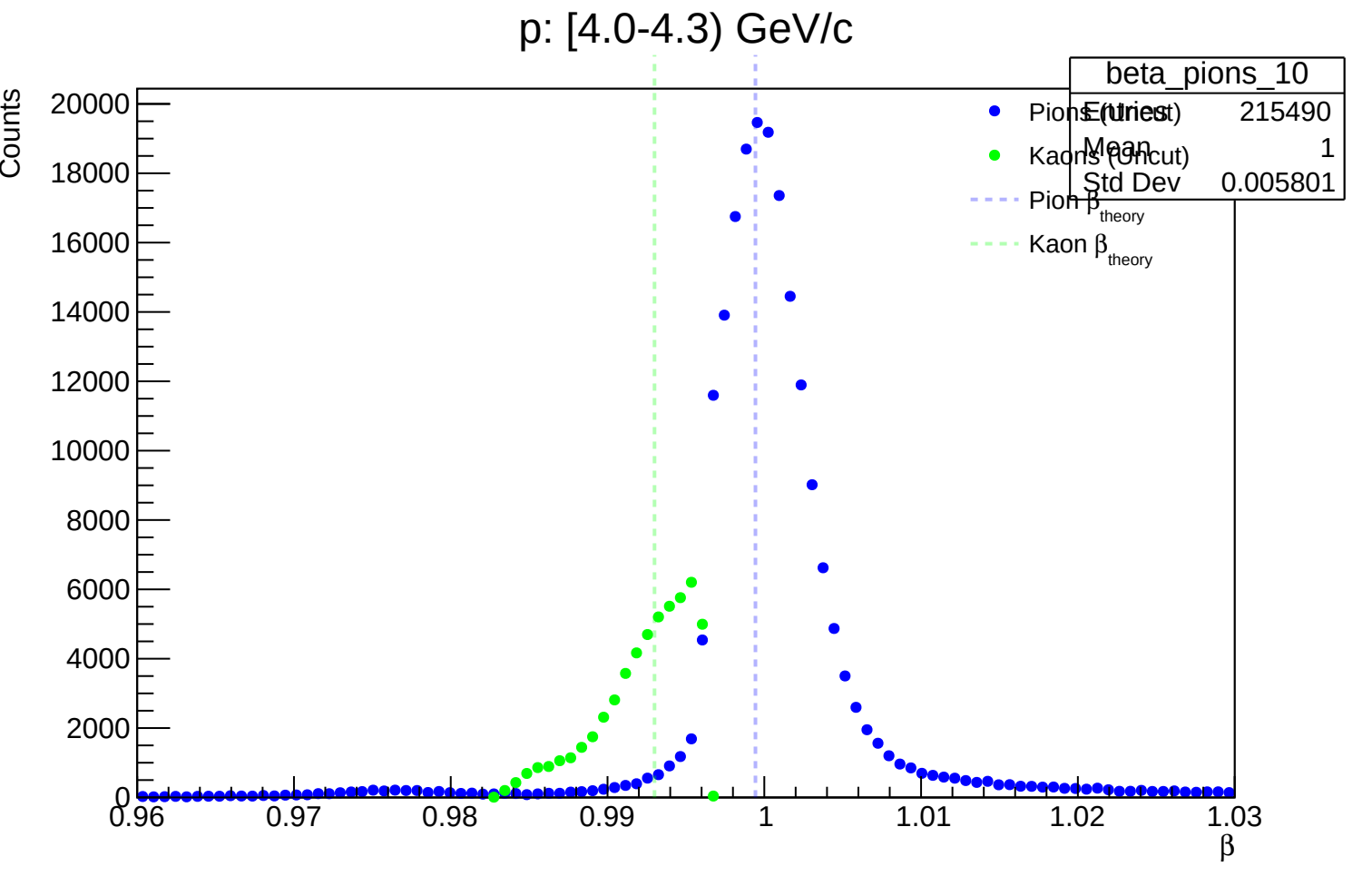

p: [2.5-2.8) GeV/c
Counts
β
Pions (Uncut)
Kaons (Uncut)
Pion β theory
Kaon β theory
beta_pions_5
Entries 1011372
Mean 0.9996
Std Dev 0.004704
0
10000
20000
30000
40000
50000
60000
70000
80000
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03

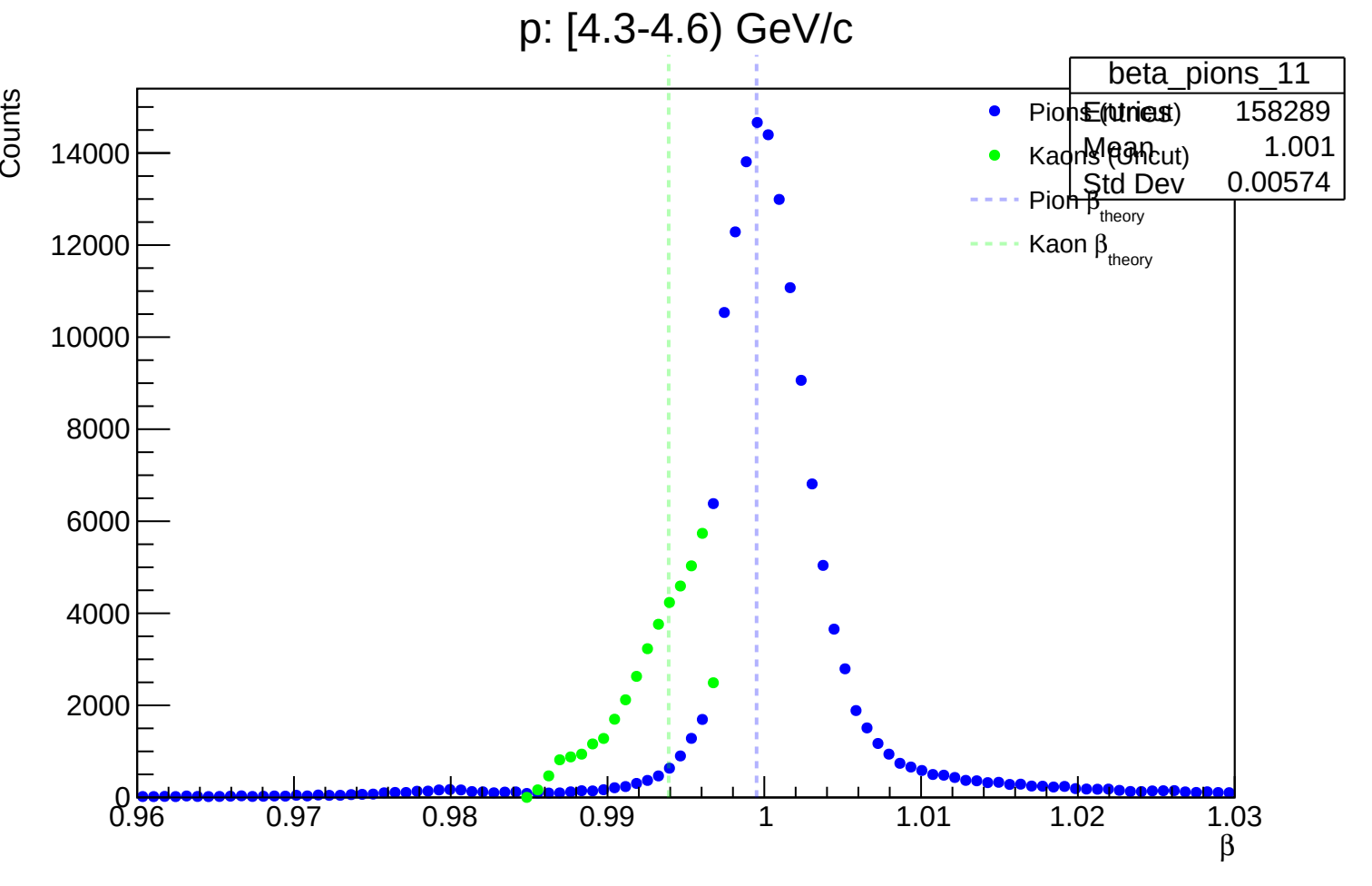

p: [2.8-3.1) GeV/c
beta_pions_6
Entries 734118
Mean 0.9999
Std Dev 0.004734
Pions (uncut)
Kaons (uncut)
Pion β theory
Kaon β theory
Counts
60000
50000
40000
30000
20000
10000
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

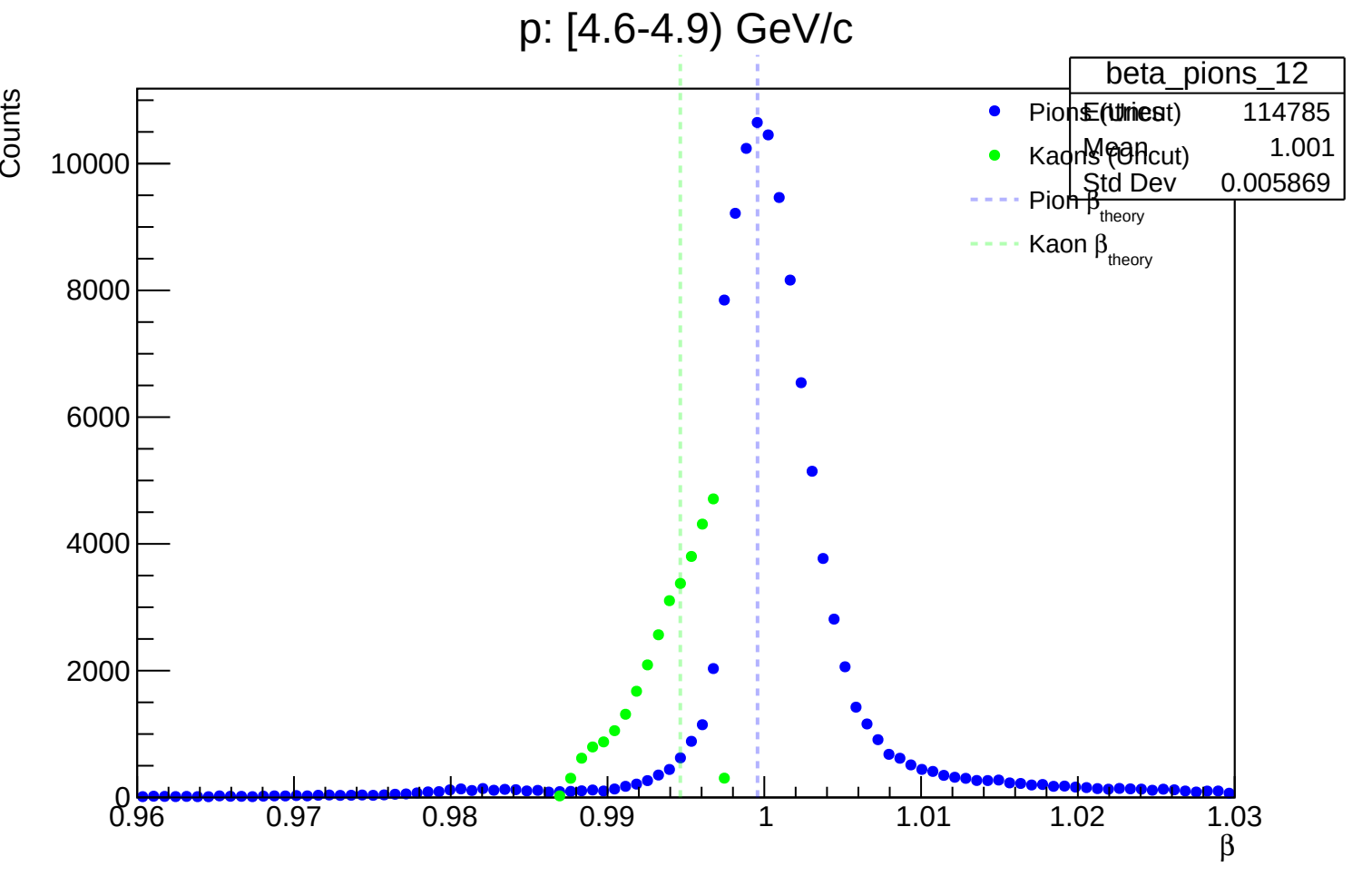

p: [3.1-3.4) GeV/c
Counts
β
Pions (Uncut)
Kaons (Uncut)
Pion β theory
Kaon β theory
beta_pions_7
Entries 545862
Mean 0.9999
Std Dev 0.005674
0
5000
10000
15000
20000
25000
30000
35000
40000
45000
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03

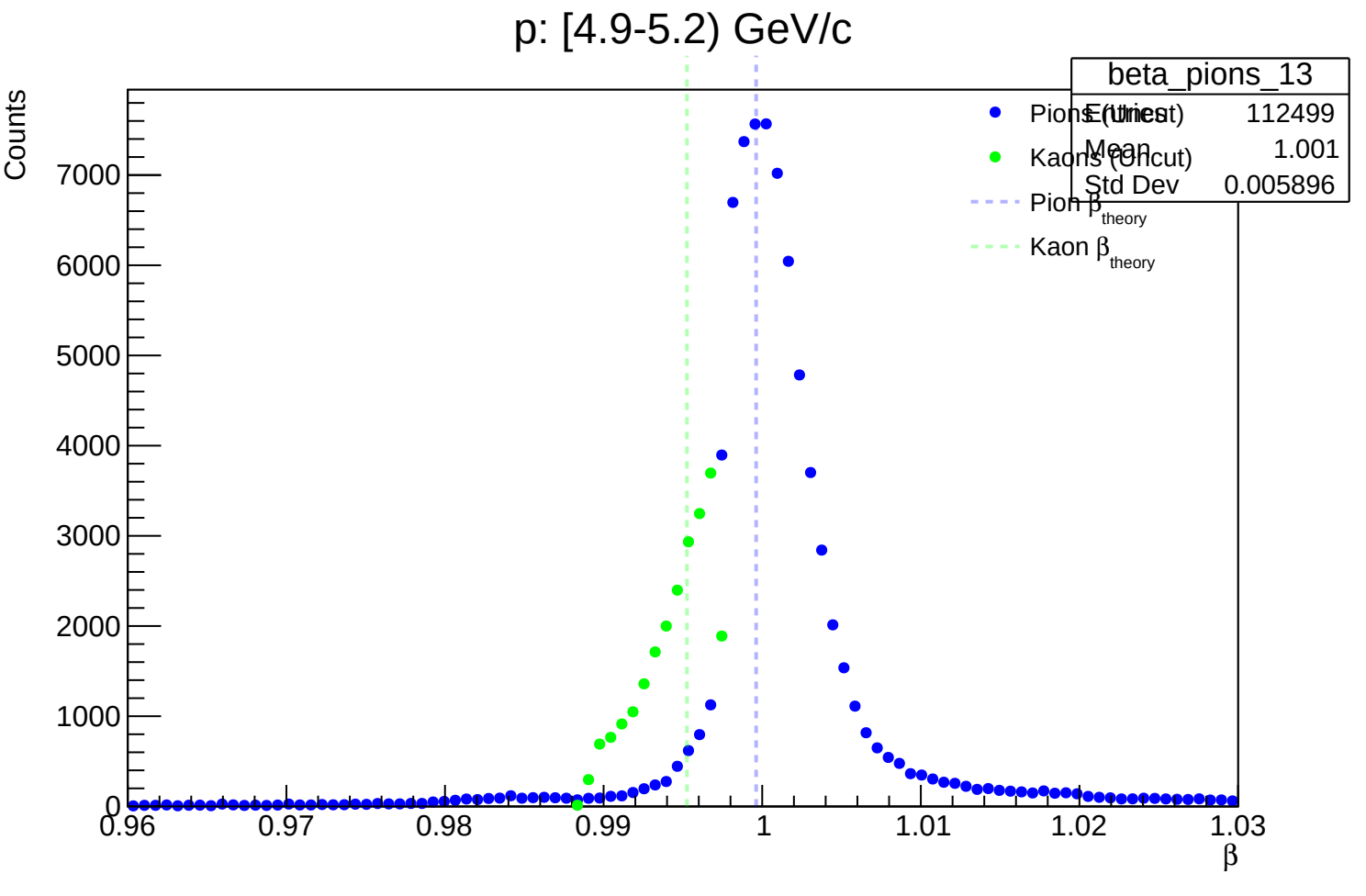

p: [3.4-3.7) GeV/c
beta_pions_8
Entries 400506
Mean 1
Std Dev 0.005928
Pions (Uncut)
Kaons (Uncut)
Pion β theory
Kaon β theory
Counts
β
0
5000
10000
15000
20000
25000
30000
35000
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03

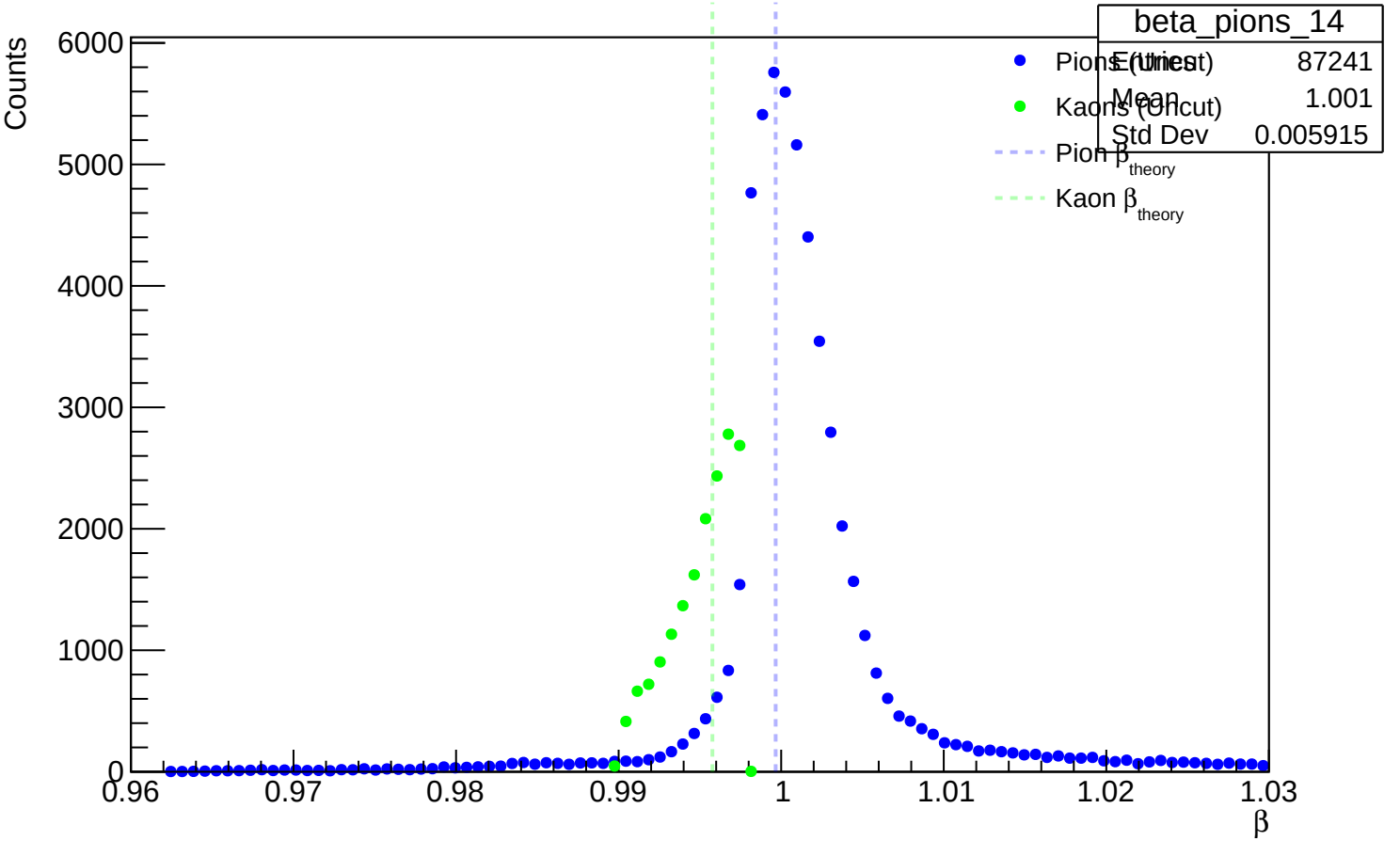

p: [3.7-4.0) GeV/c
Counts
β
Pions (Uncut)
Kaons (Uncut)
Pion β theory
Kaon β theory
beta_pions_9
Entries 293759
Mean 1
Std Dev 0.005803
0
5000
10000
15000
20000
25000
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03

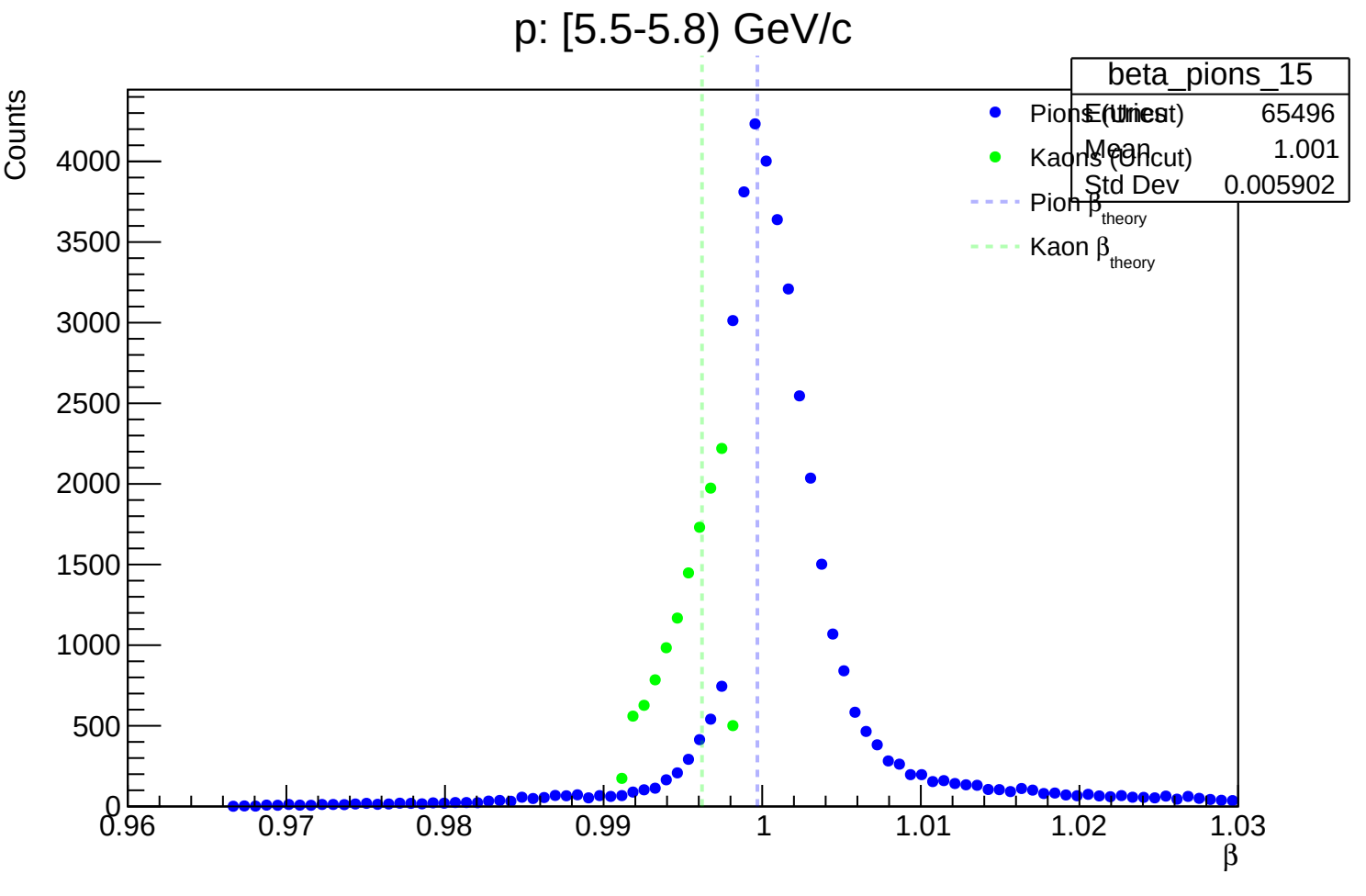

p: [4.0-4.3) GeV/c
Counts
β
Pions (uncut)
Kaons (uncut)
Pion β theory
Kaon β theory
beta_pions_10
Entries 215490
Mean 1
Std Dev 0.005801
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03

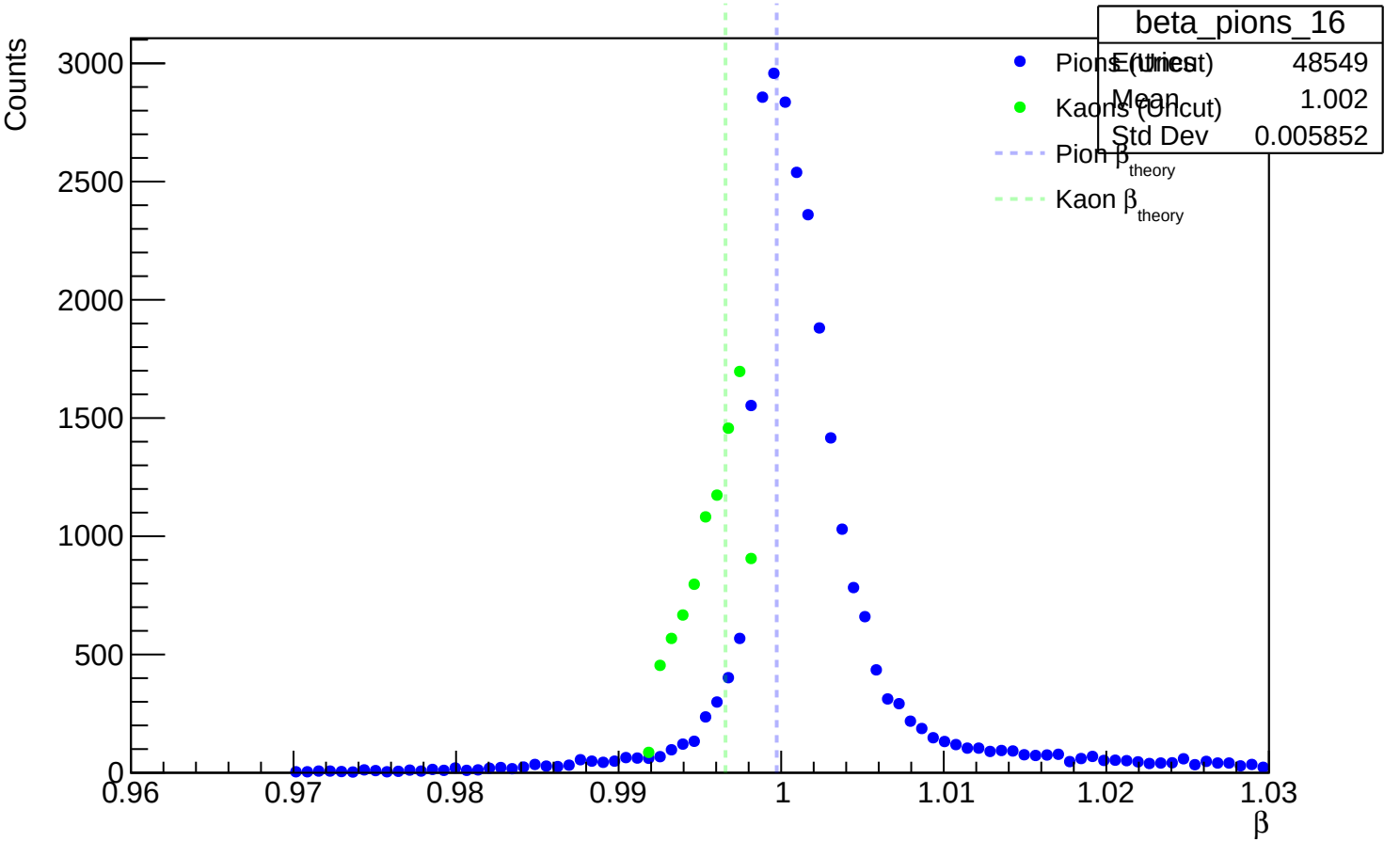

p: [4.3-4.6) GeV/c
Counts
β
Pions (uncut)
Kaons (uncut)
Pion β theory
Kaon β theory
beta_pions_11
Entries 158289
Mean 1.001
Std Dev 0.00574
0
2000
4000
6000
8000
10000
12000
14000
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03

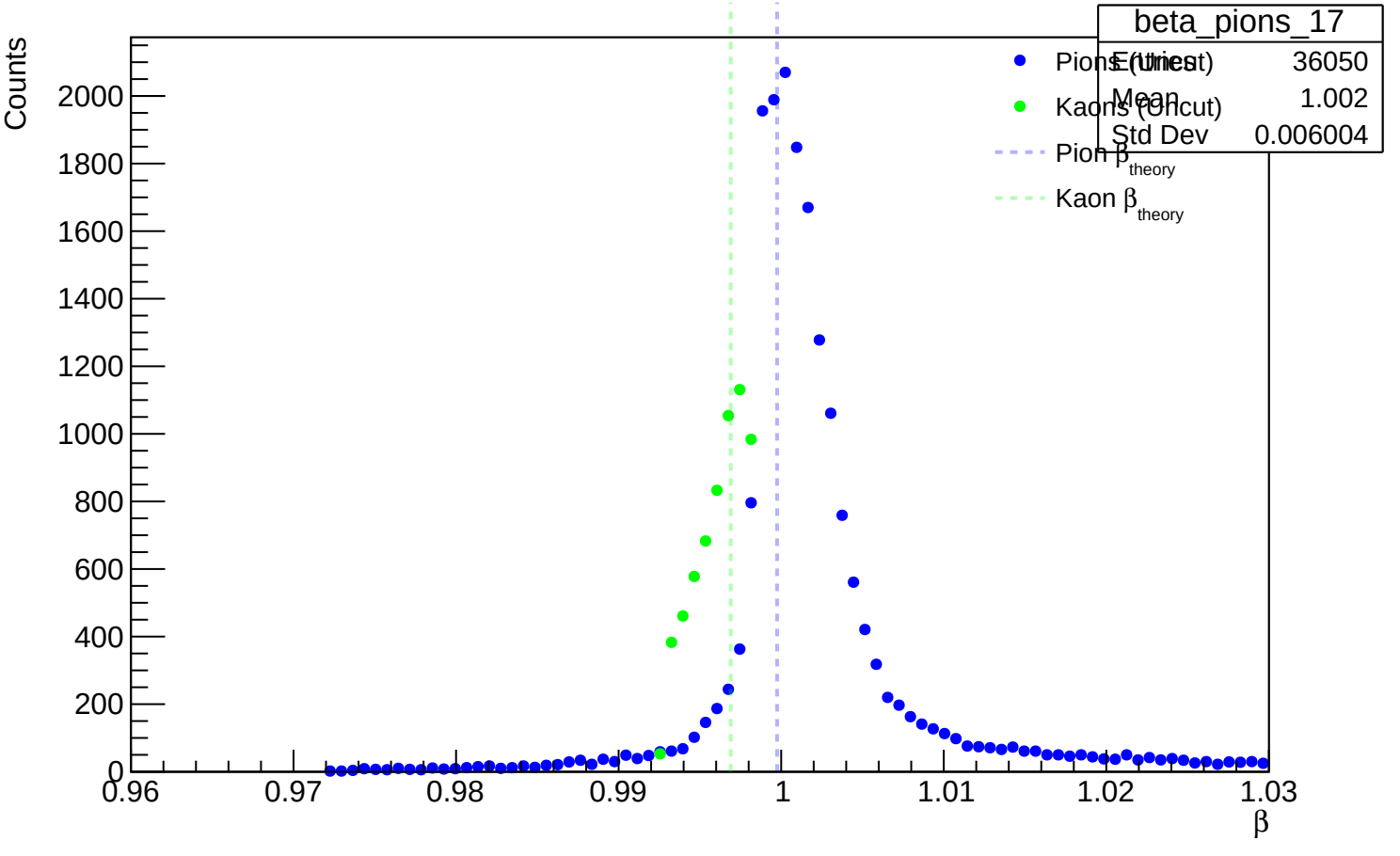

p: [4.6-4.9) GeV/c
Counts
β
Pions (Uncut)
Kaons (Uncut)
Pion β theory
Kaon β theory
beta_pions_12
Entries 114785
Mean 1.001
Std Dev 0.005869
0
2000
4000
6000
8000
10000
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03

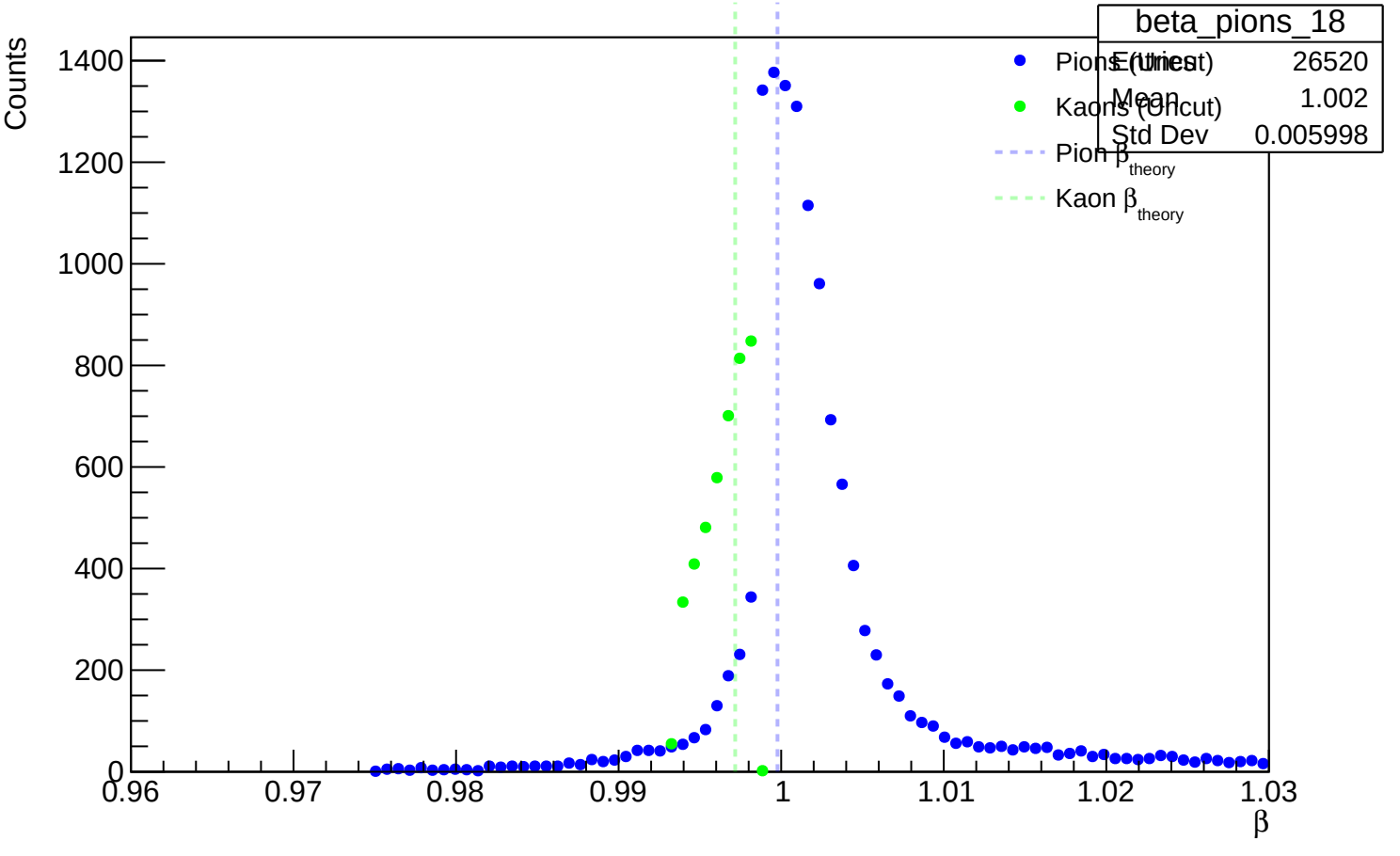

p: [4.9-5.2) GeV/c
beta_pions_13
Entries 112499
Mean 1.001
Std Dev 0.005896
Pions (Uncut)
Kaons (Uncut)
Pion β theory
Kaon β theory
Counts
0
1000
2000
3000
4000
5000
6000
7000
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β

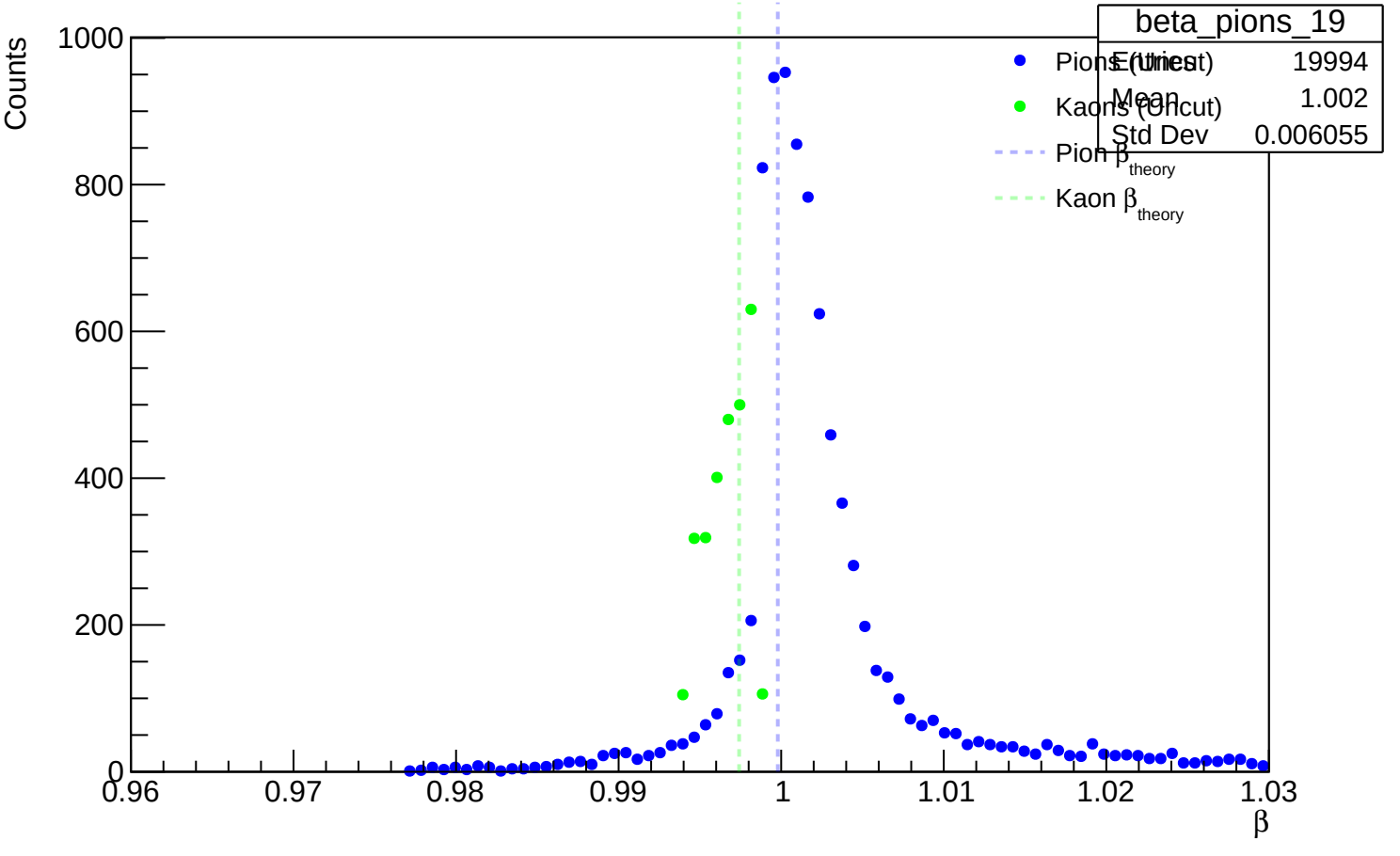

p: [5.2-5.5) GeV/c
Counts
6000
5000
4000
3000
2000
1000
0
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
β
beta_pions_14
Entries 87241
Mean 1.001
Std Dev 0.005915
Pions (Uncut)
Kaons (Uncut)
Pion β theory
Kaon β theory


p: [5.5-5.8) GeV/c
Counts
β
Pions (Uncut)
Kaons (Uncut)
Pion β theory
Kaon β theory
beta_pions_15
Entries 65496
Mean 1.001
Std Dev 0.005902
0
500
1000
1500
2000
2500
3000
3500
4000
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03


p: [5.8-6.1) GeV/c
beta_pions_16
Entries 48549
Mean 1.002
Std Dev 0.005852
Pions (uncut)
Kaons (uncut)
Pion β theory
Kaon β theory
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
Counts
β
Pions (Uncut)
Kaons (Uncut)
Pion β theory
Kaon β theory
beta_pions_17
Entries 36050
Mean 1.002
Std Dev 0.006004
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


p: [6.4-6.7) GeV/c
Counts
β
Pions (Uncut)
Kaons (Uncut)
Pion β theory
Kaon β theory
beta_pions_18
Entries 26520
Mean 1.002
Std Dev 0.005998
0
200
400
600
800
1000
1200
1400
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03


p: [6.7-7.0) GeV/c
Counts
β
Pions (uncut)
Kaons (uncut)
Pion β theory
Kaon β theory
beta_pions_19
Entries 19994
Mean 1.002
Std Dev 0.006055
0
200
400
600
800
1000
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03