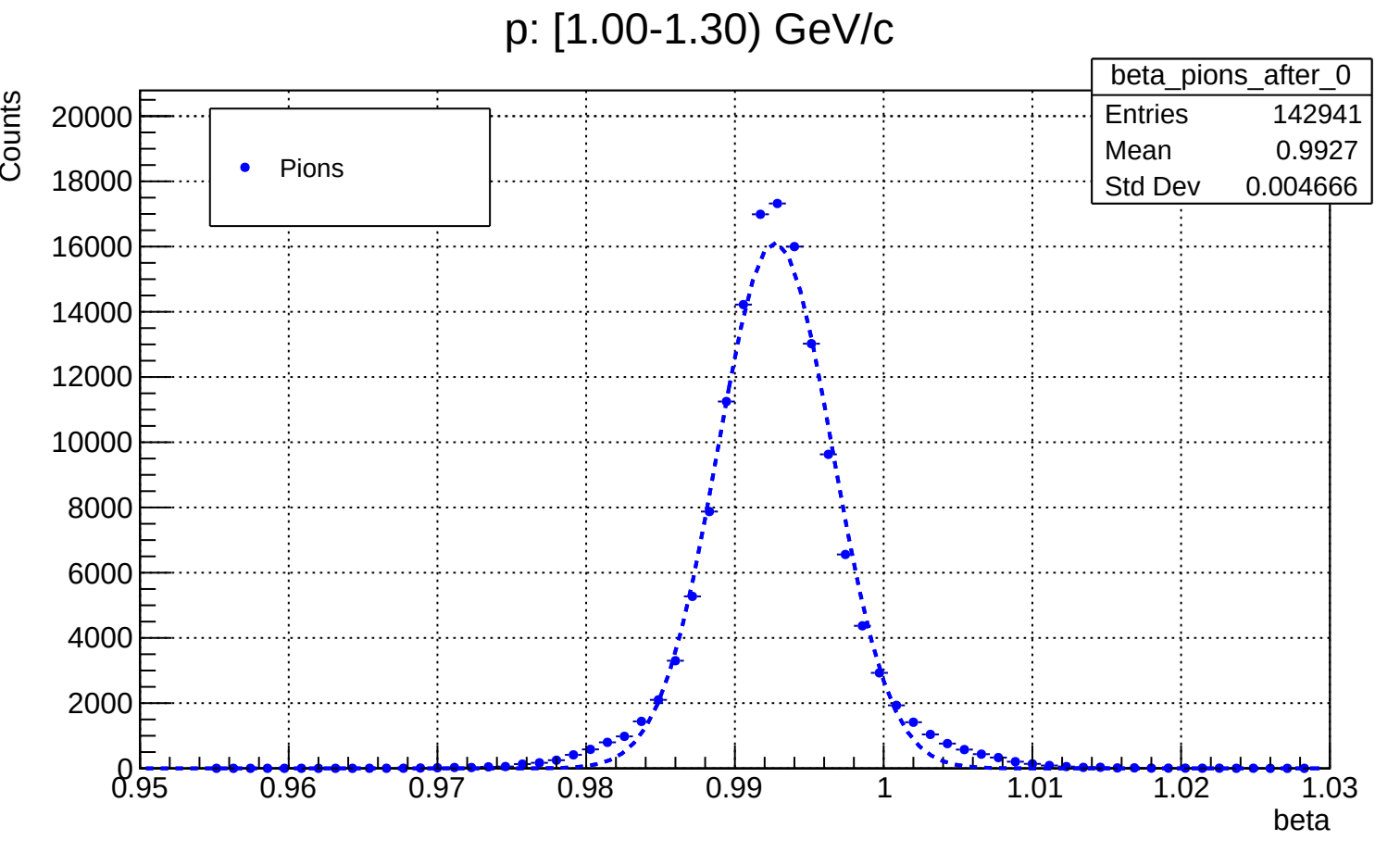
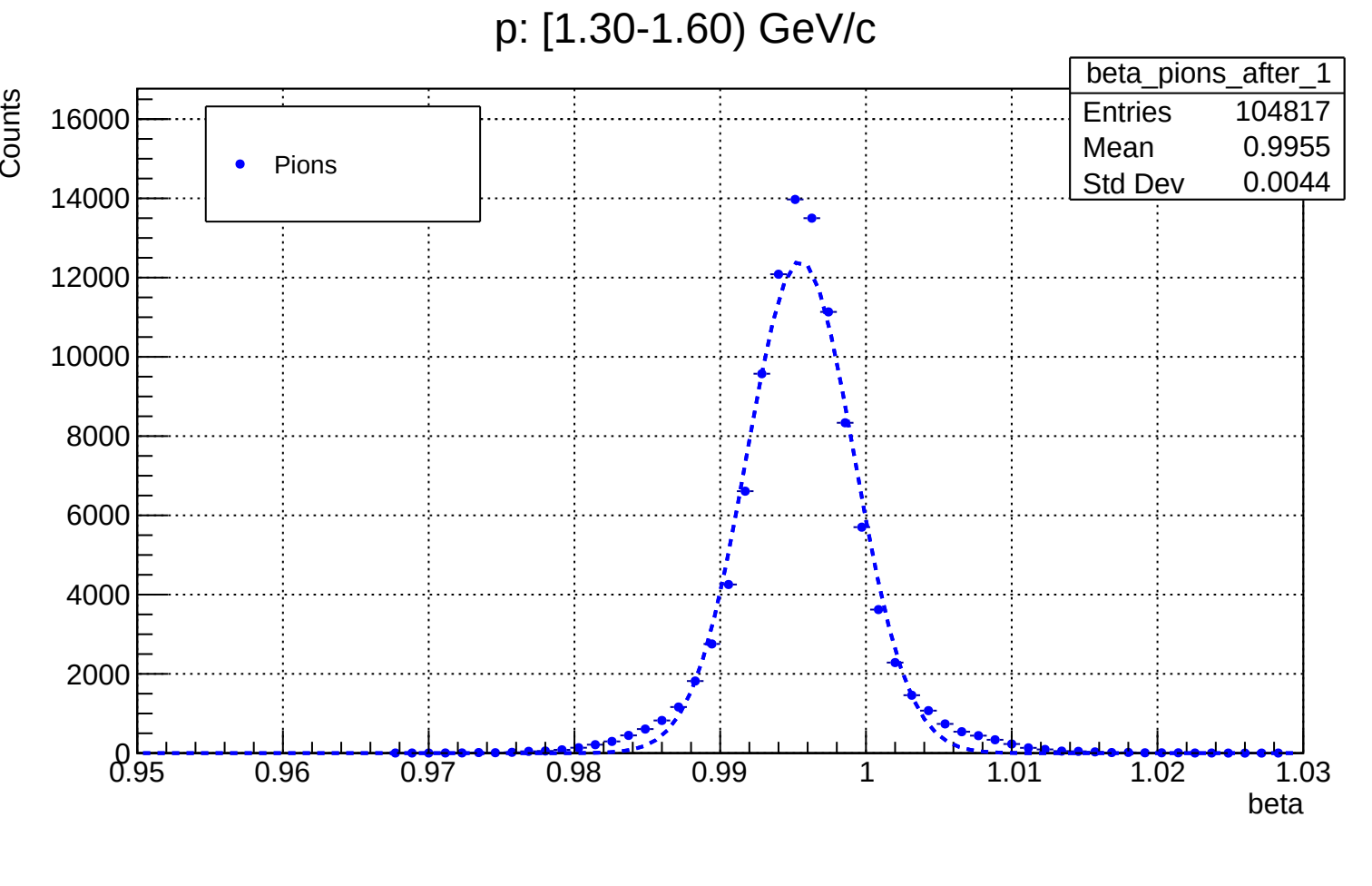
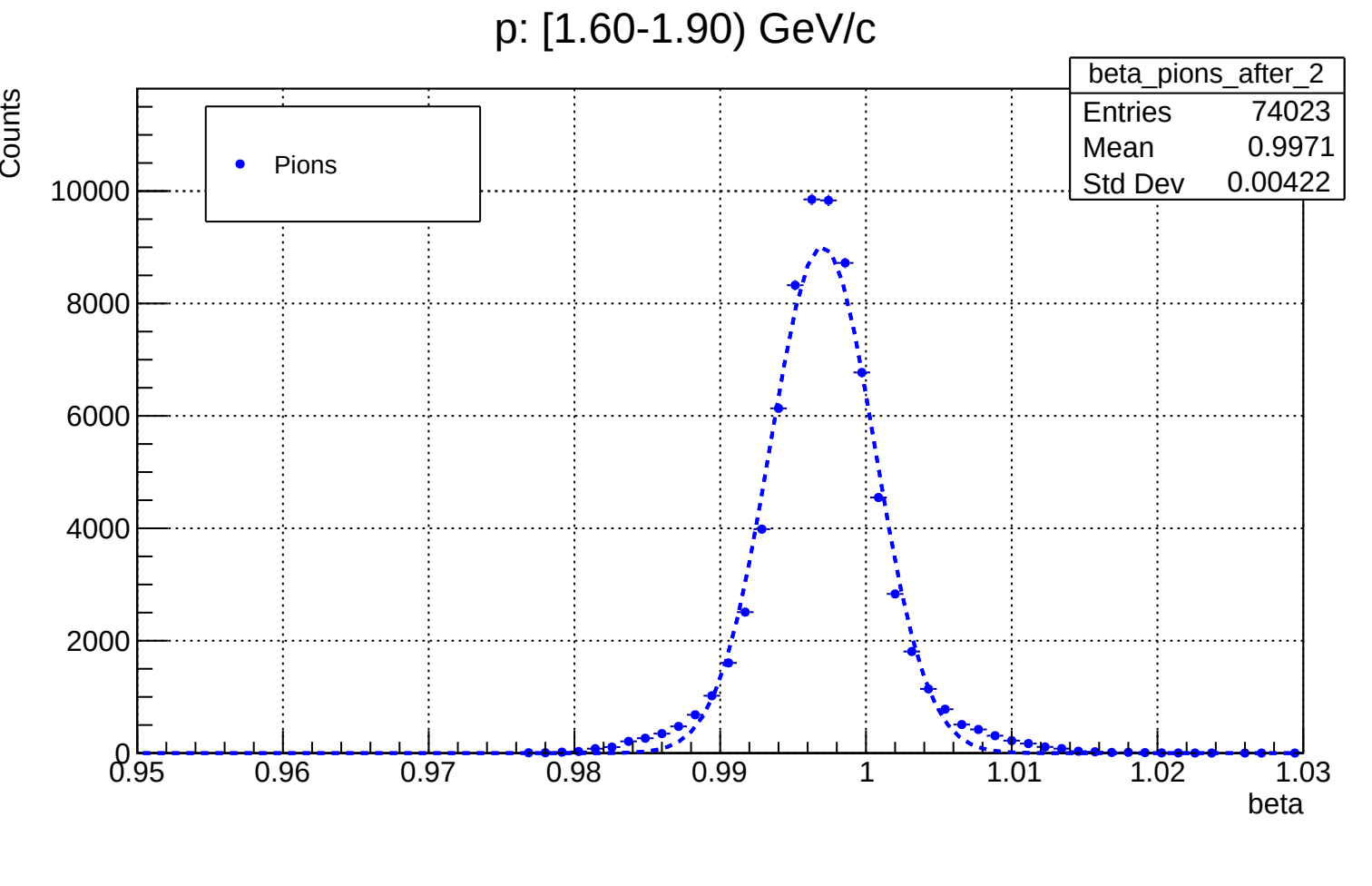
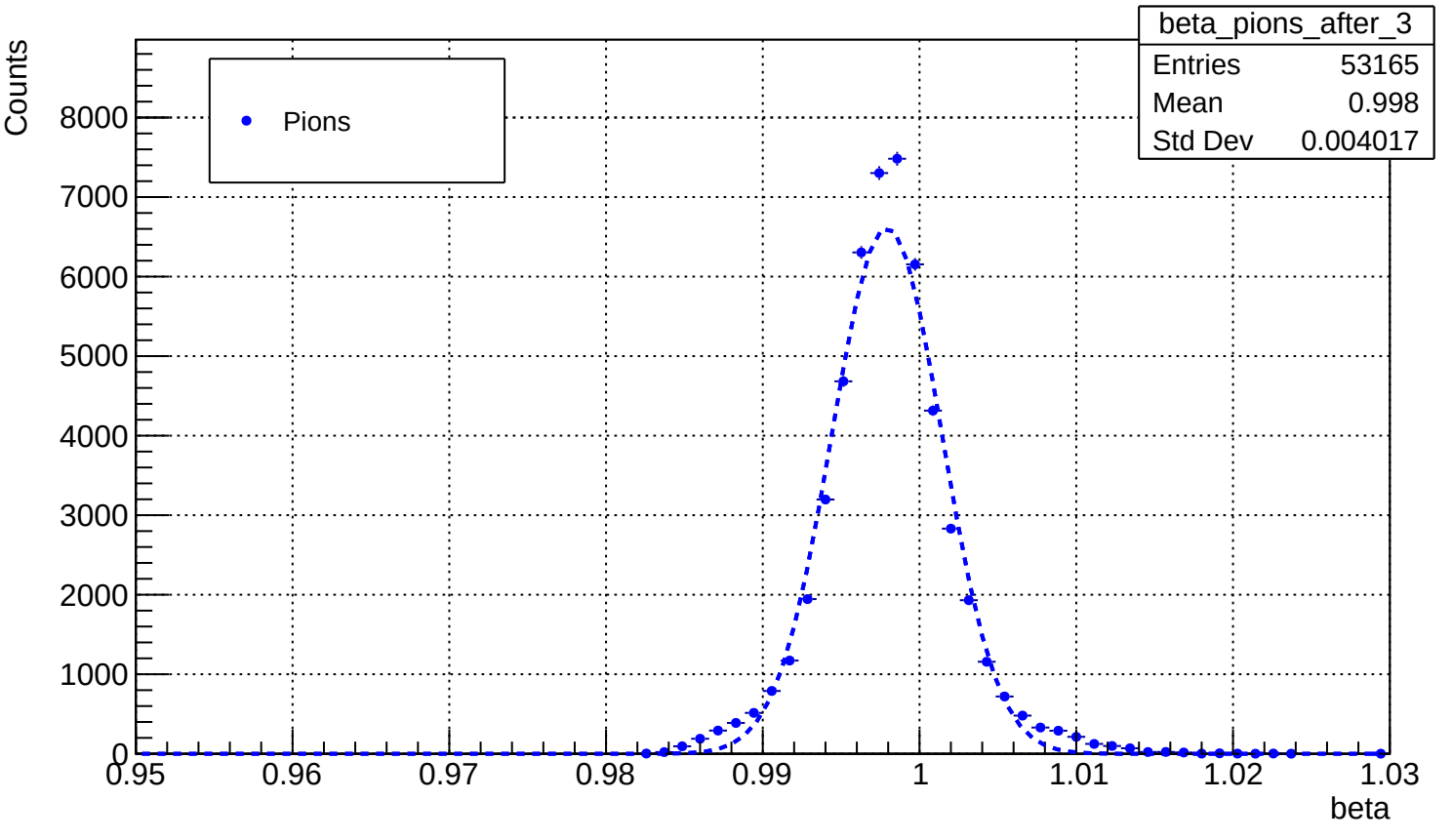
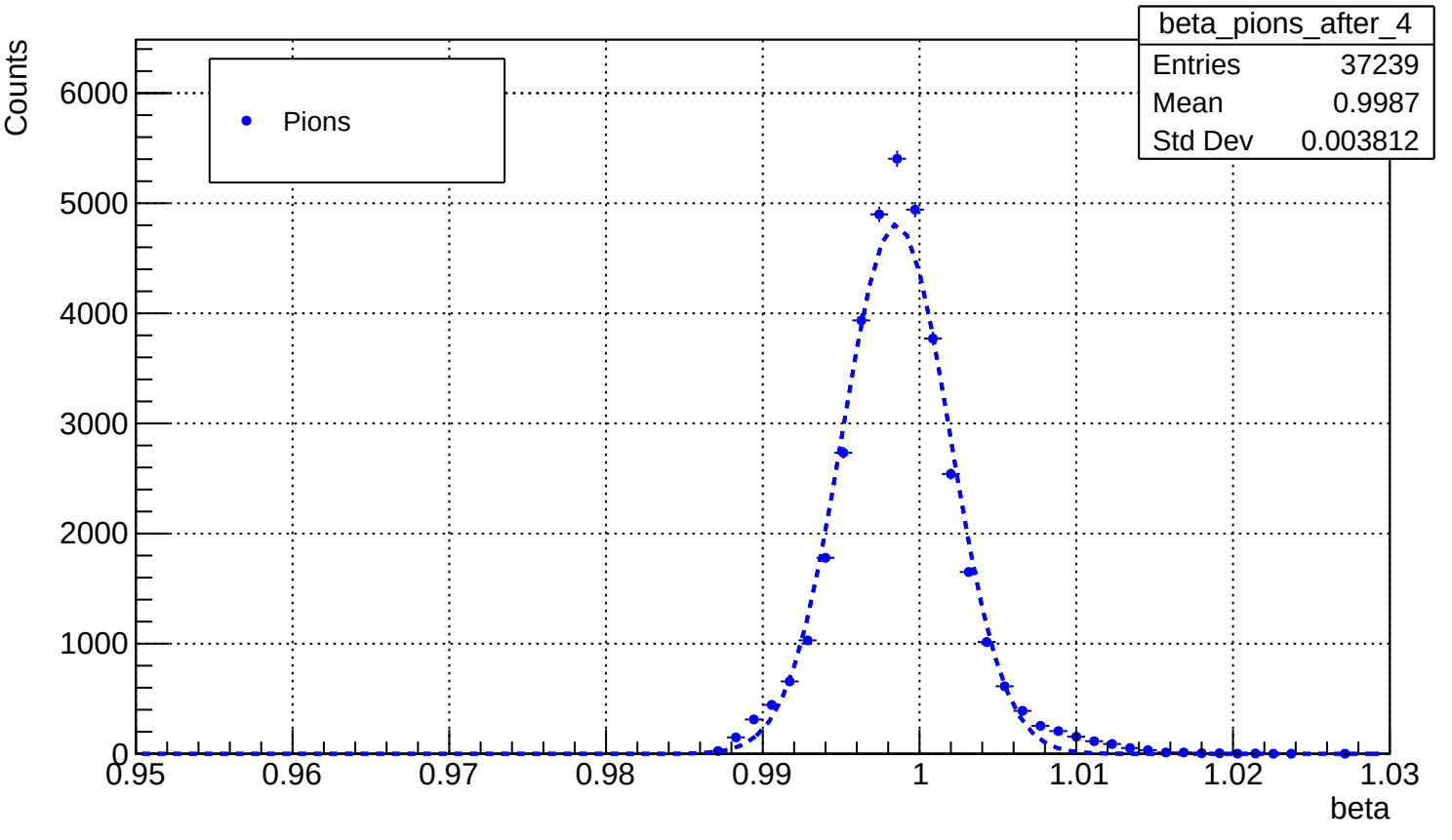
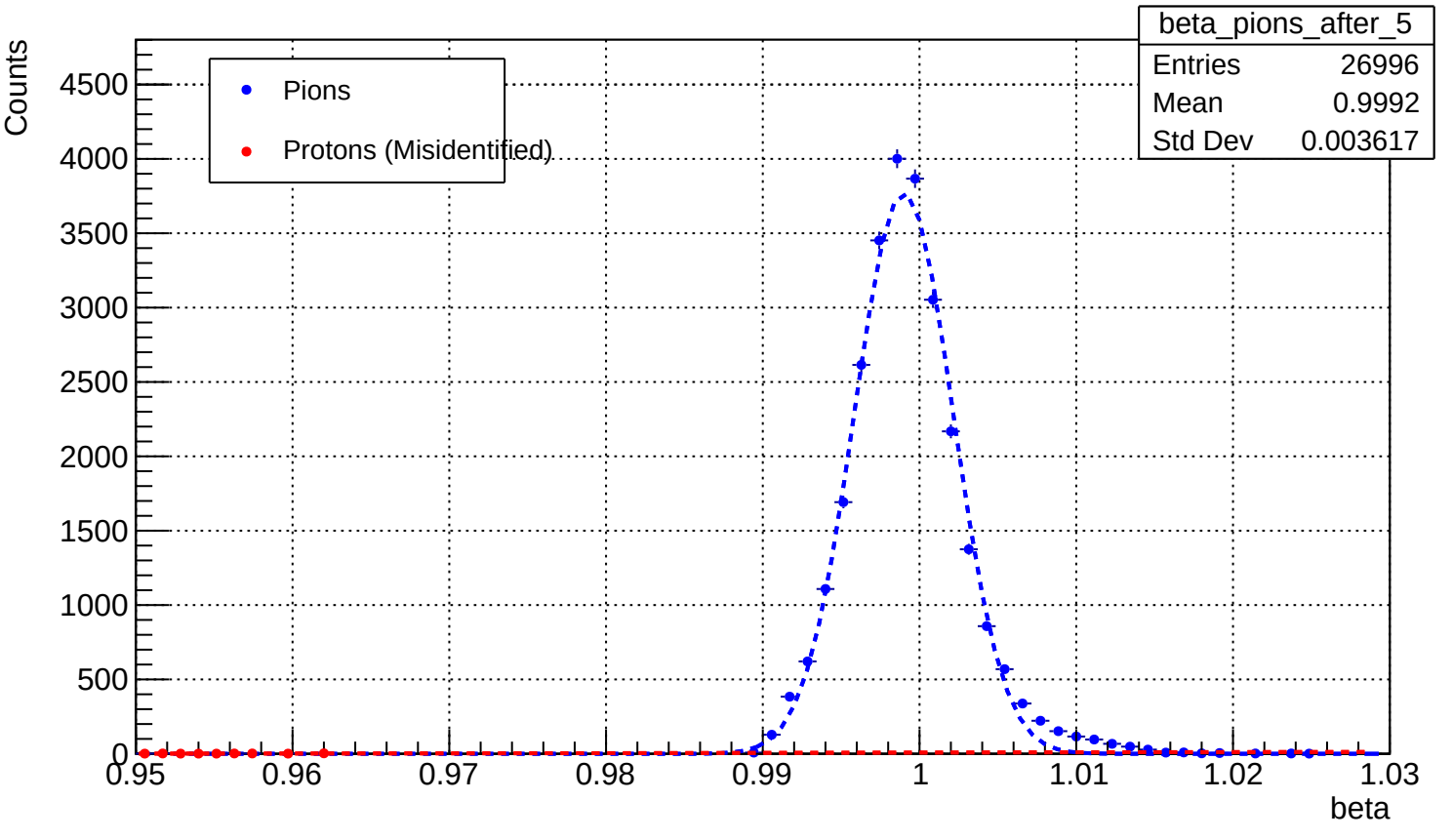

p: [1.00-1.30) GeV/c
beta_pions_after_0
Entries 142941
Mean 0.9927
Std Dev 0.004666
Pions
Counts
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
beta

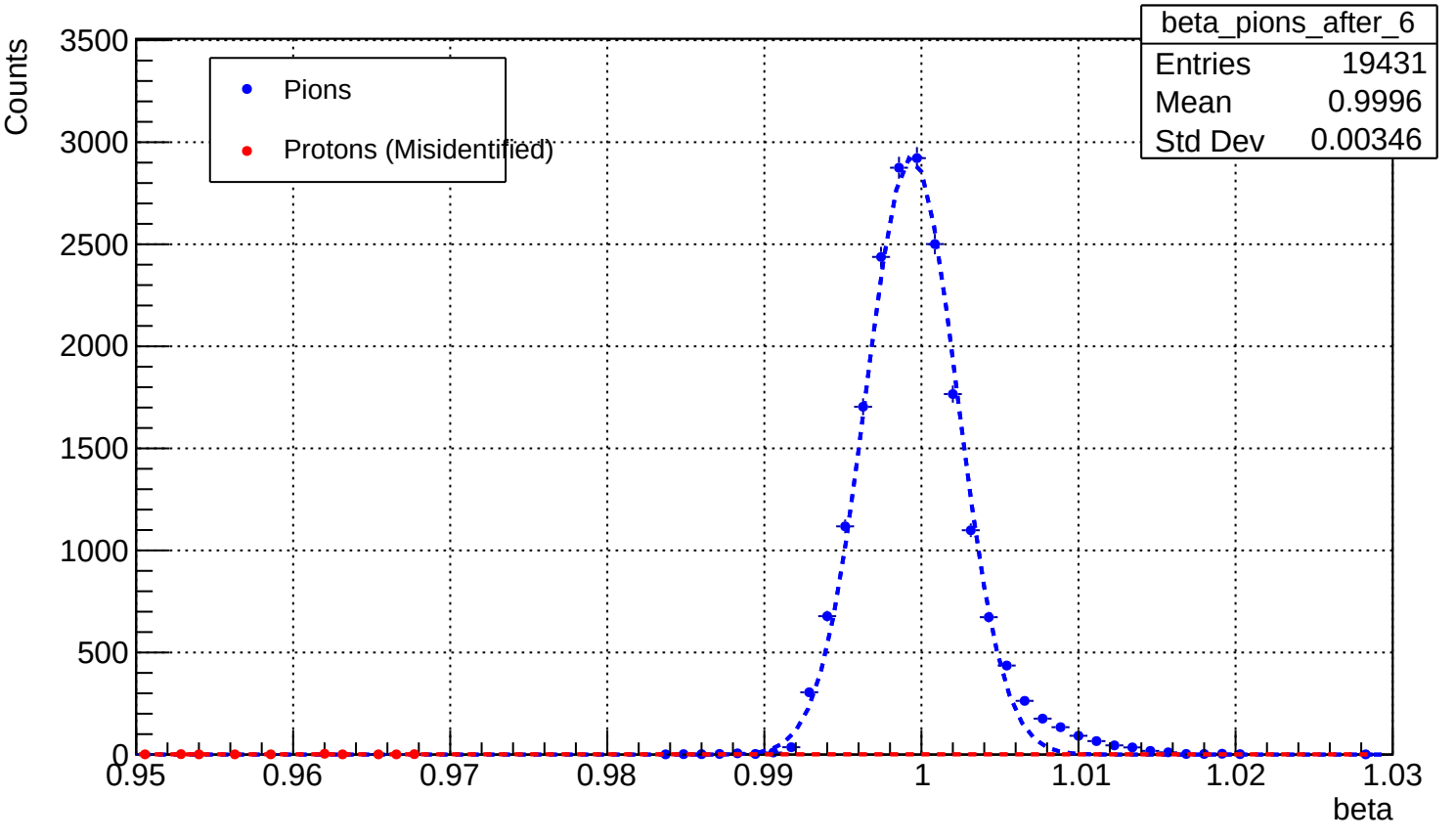

p: [1.30-1.60) GeV/c
beta_pions_after_1
Entries 104817
Mean 0.9955
Std Dev 0.0044
Pions
Counts
16000
14000
12000
10000
8000
6000
4000
2000
0
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
beta

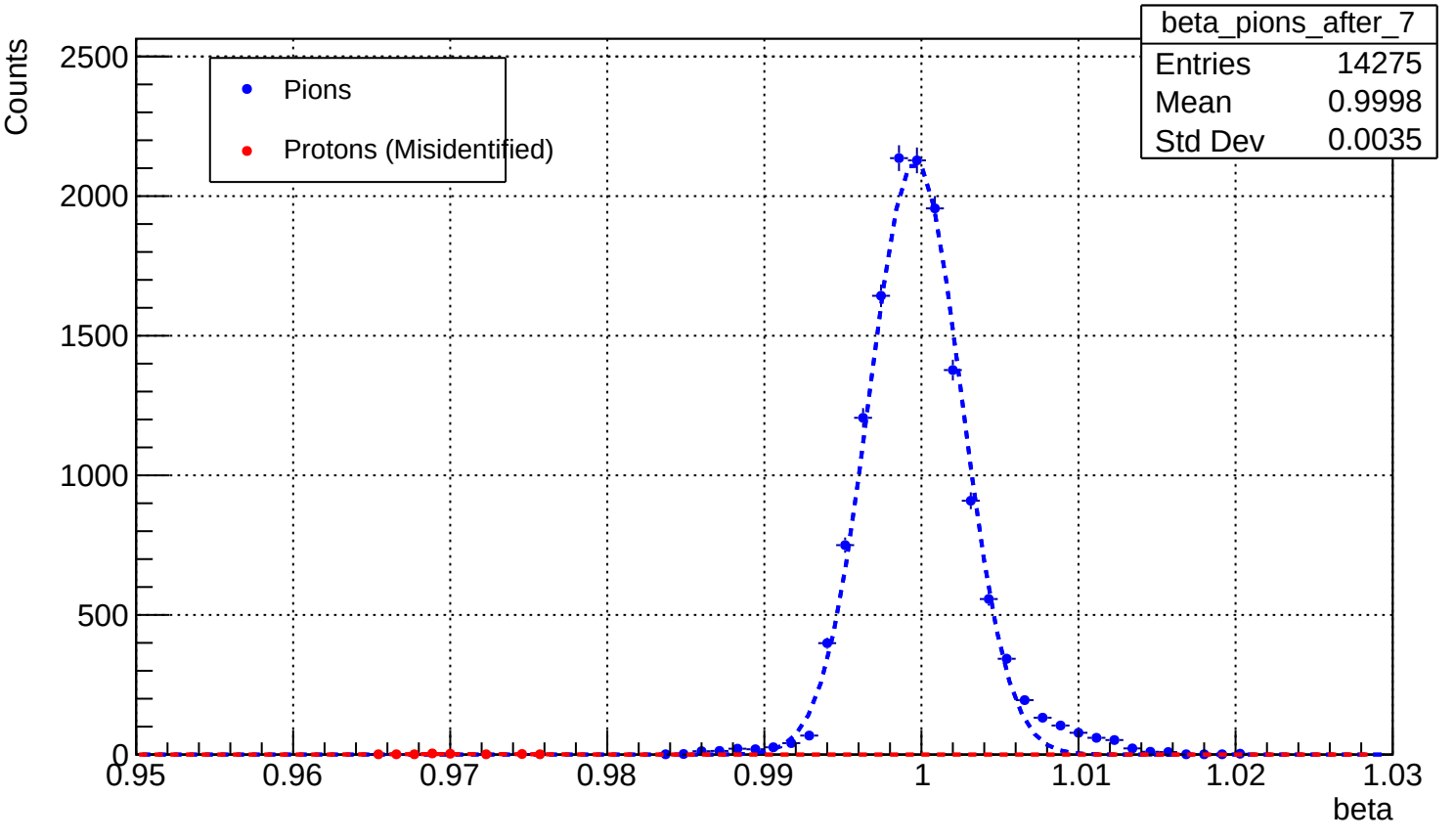

p: [1.60-1.90) GeV/c
beta_pions_after_2
Entries 74023
Mean 0.9971
Std Dev 0.00422
Pions
Counts
10000
8000
6000
4000
2000
0
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
beta

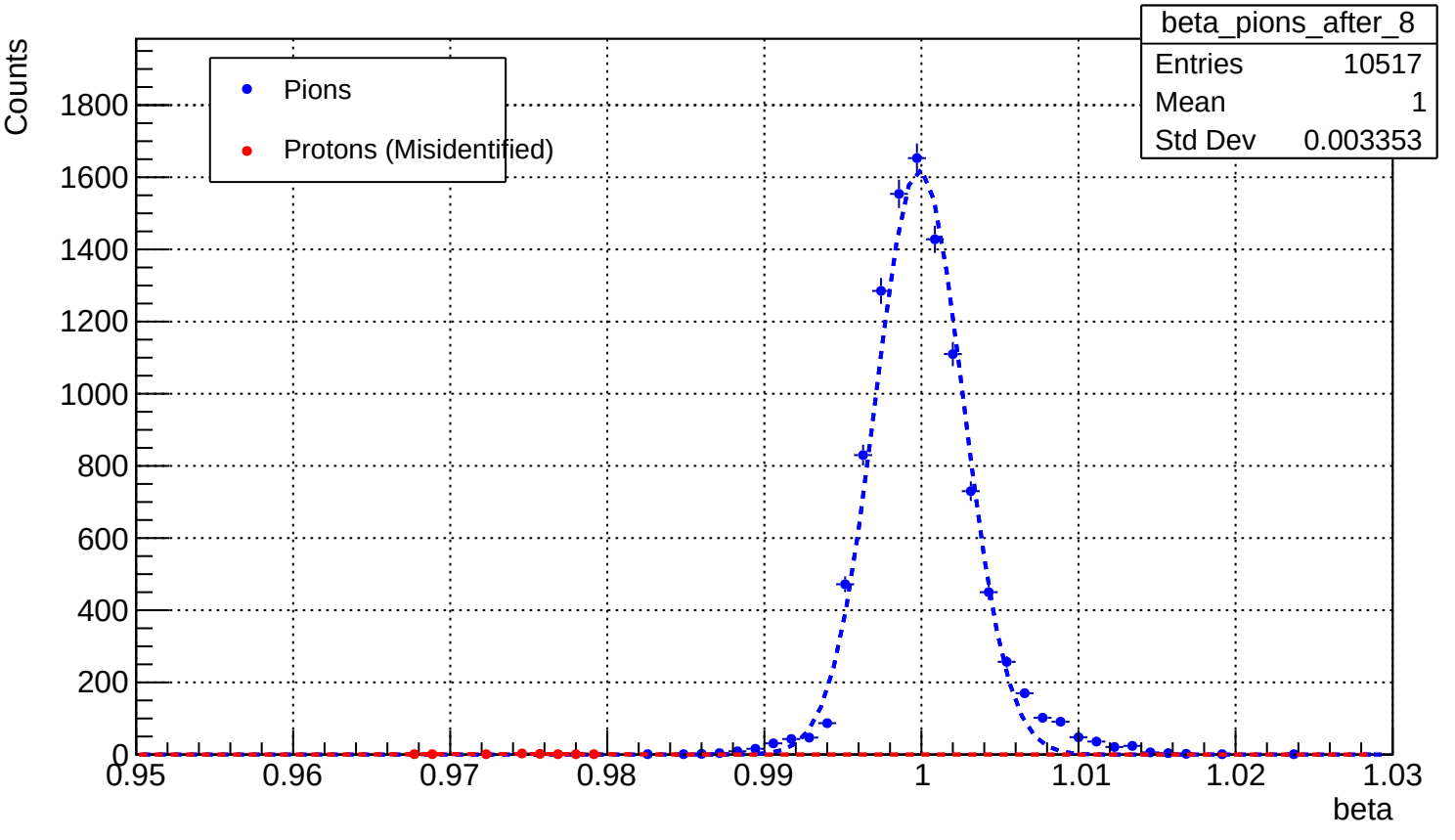

p: [1.90-2.20) GeV/c
beta_pions_after_3
Entries 53165
Mean 0.998
Std Dev 0.004017
Pions
Counts
8000
7000
6000
5000
4000
3000
2000
1000
0
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
beta

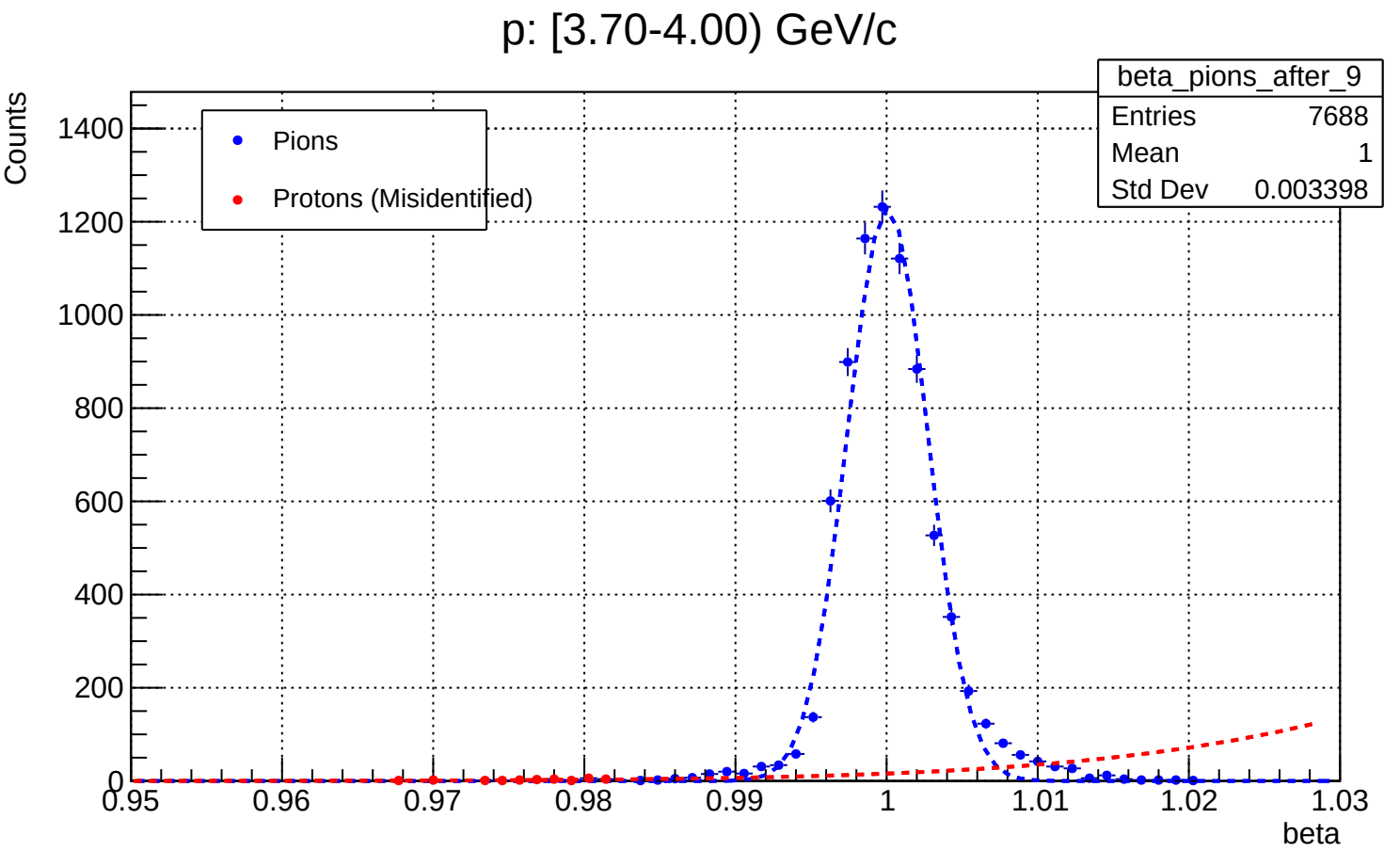

p: [2.20-2.50) GeV/c
beta_pions_after_4
Entries 37239
Mean 0.9987
Std Dev 0.003812
Pions
Counts
6000
5000
4000
3000
2000
1000
0
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
beta

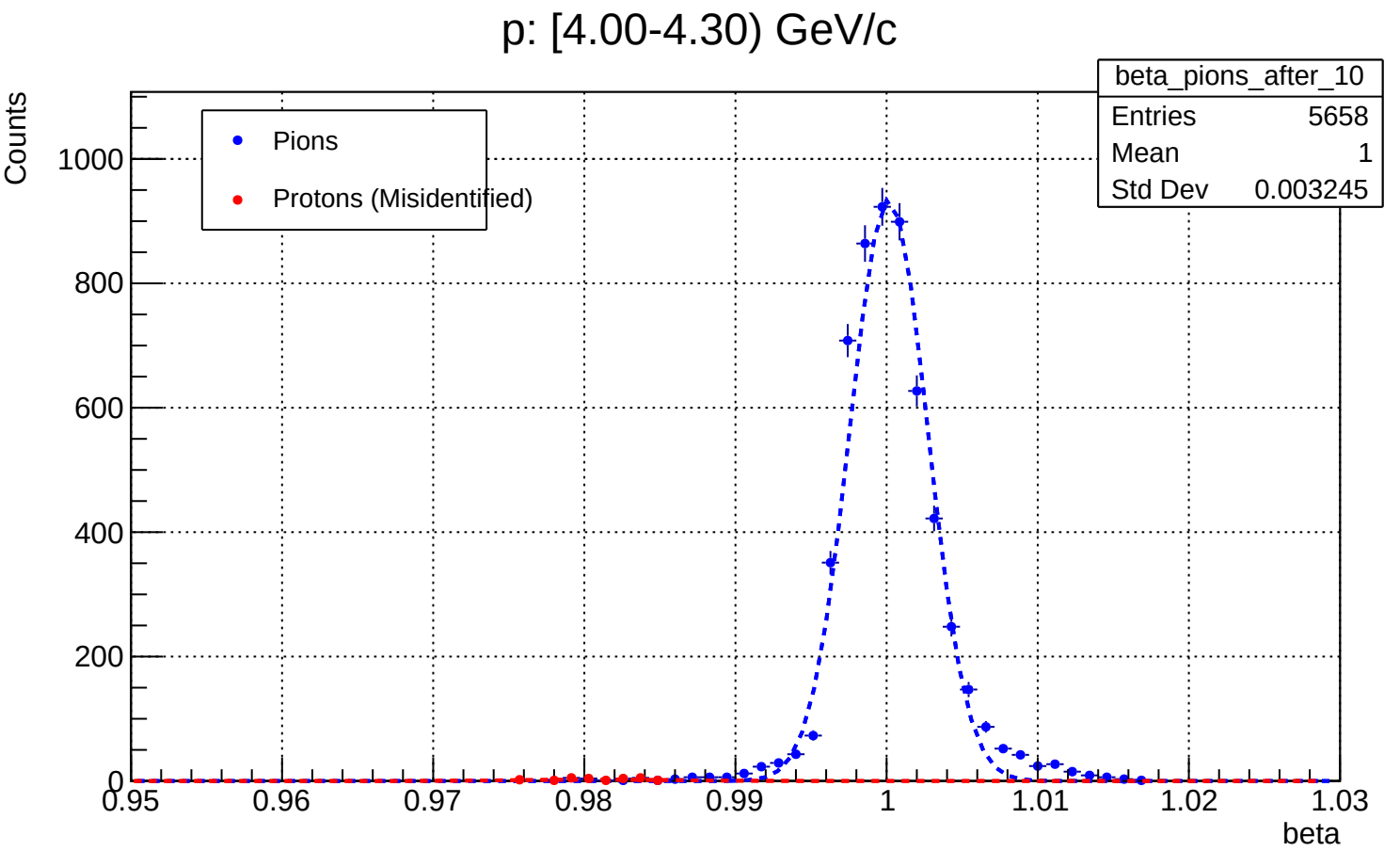

p: [2.50-2.80) GeV/c
beta_pions_after_5
Entries 26996
Mean 0.9992
Std Dev 0.003617
Pions
Protons (Misidentified)
Counts
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
beta

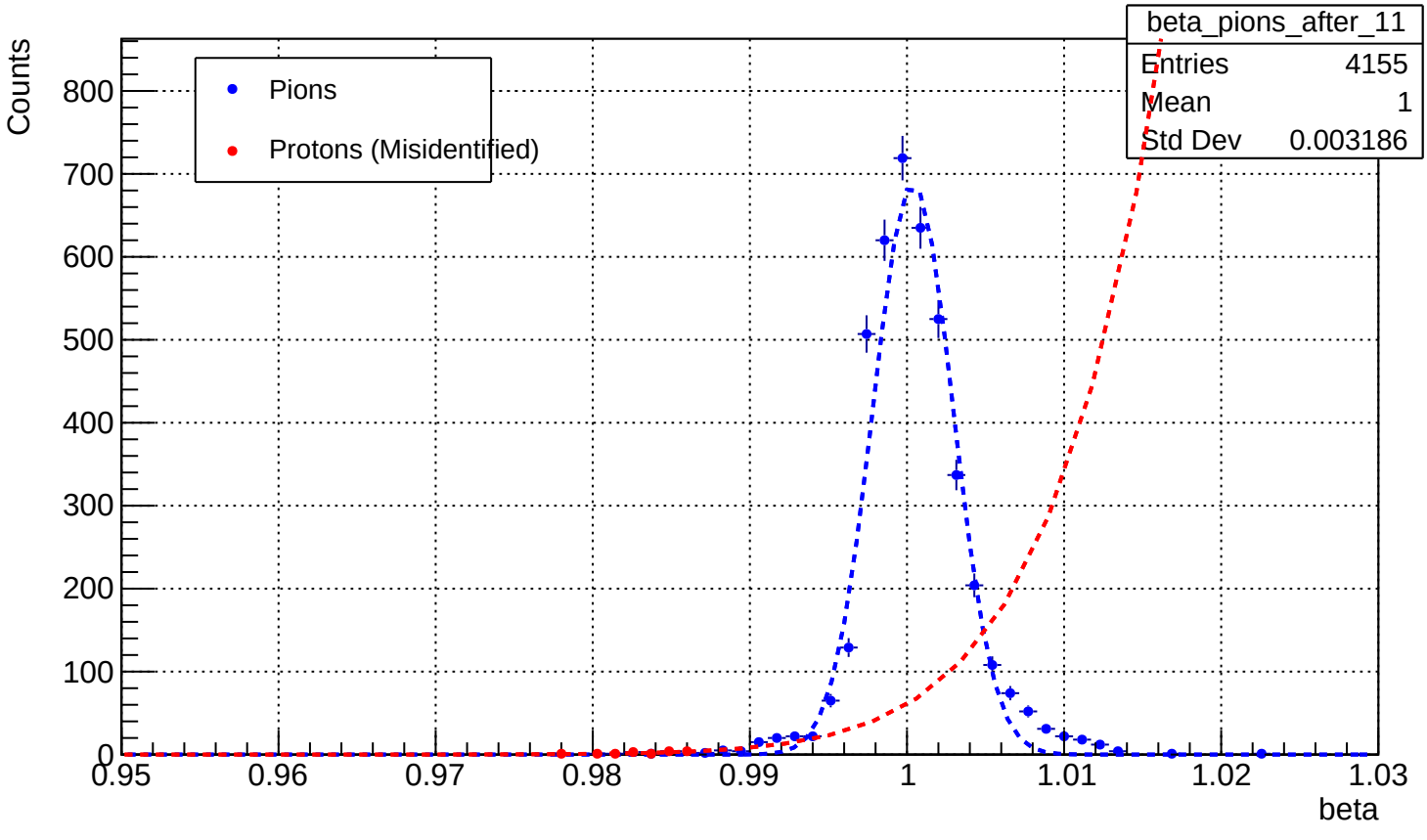

p: [2.80-3.10) GeV/c
beta_pions_after_6
Entries 19431
Mean 0.9996
Std Dev 0.00346
Pions
Protons (Misidentified)
Counts
3500
3000
2500
2000
1500
1000
500
0
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
beta

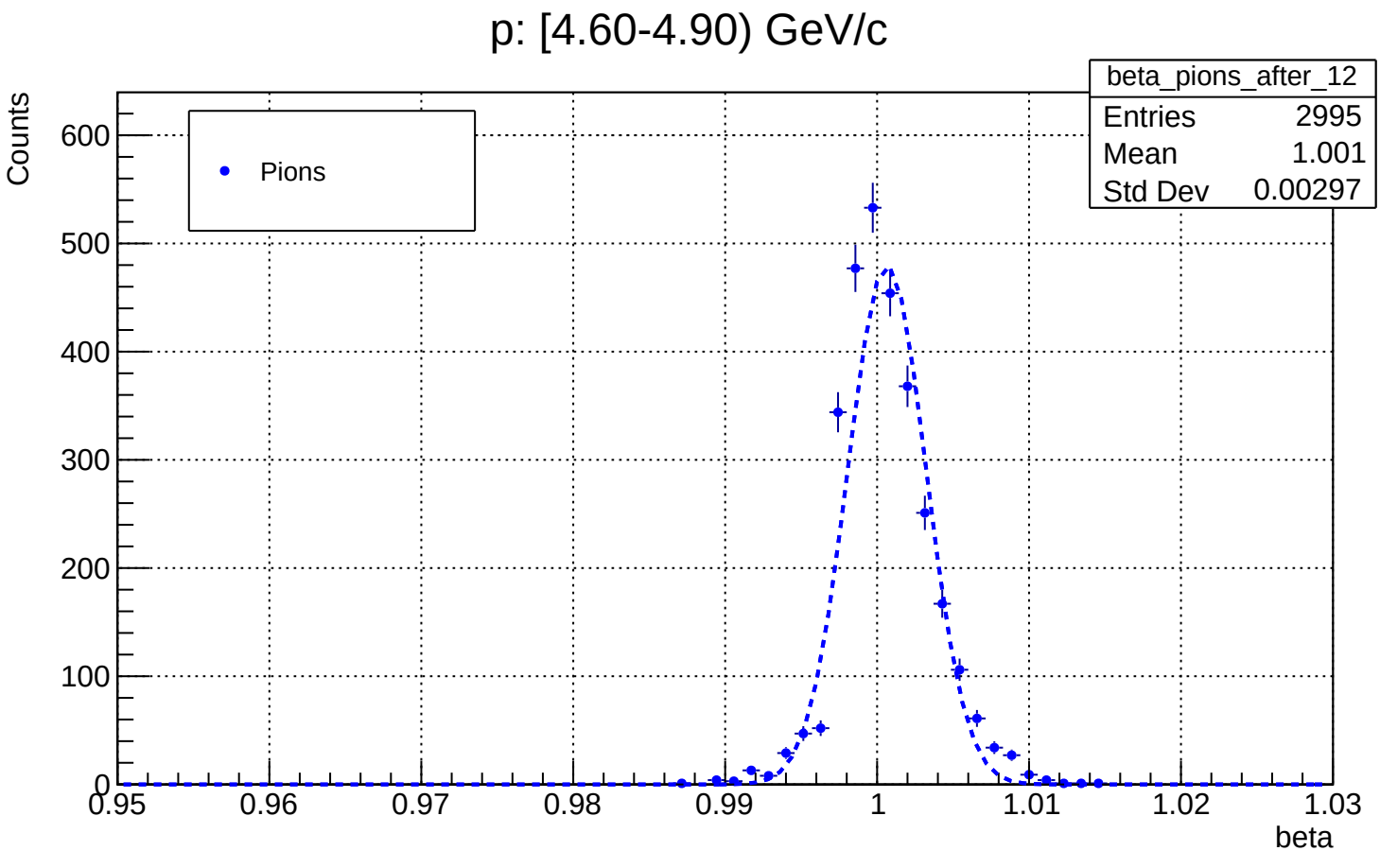

p: [3.10-3.40) GeV/c
beta_pions_after_7
Entries 14275
Mean 0.9998
Std Dev 0.0035
Pions
Protons (Misidentified)
Counts
2500
2000
1500
1000
500
0
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
beta

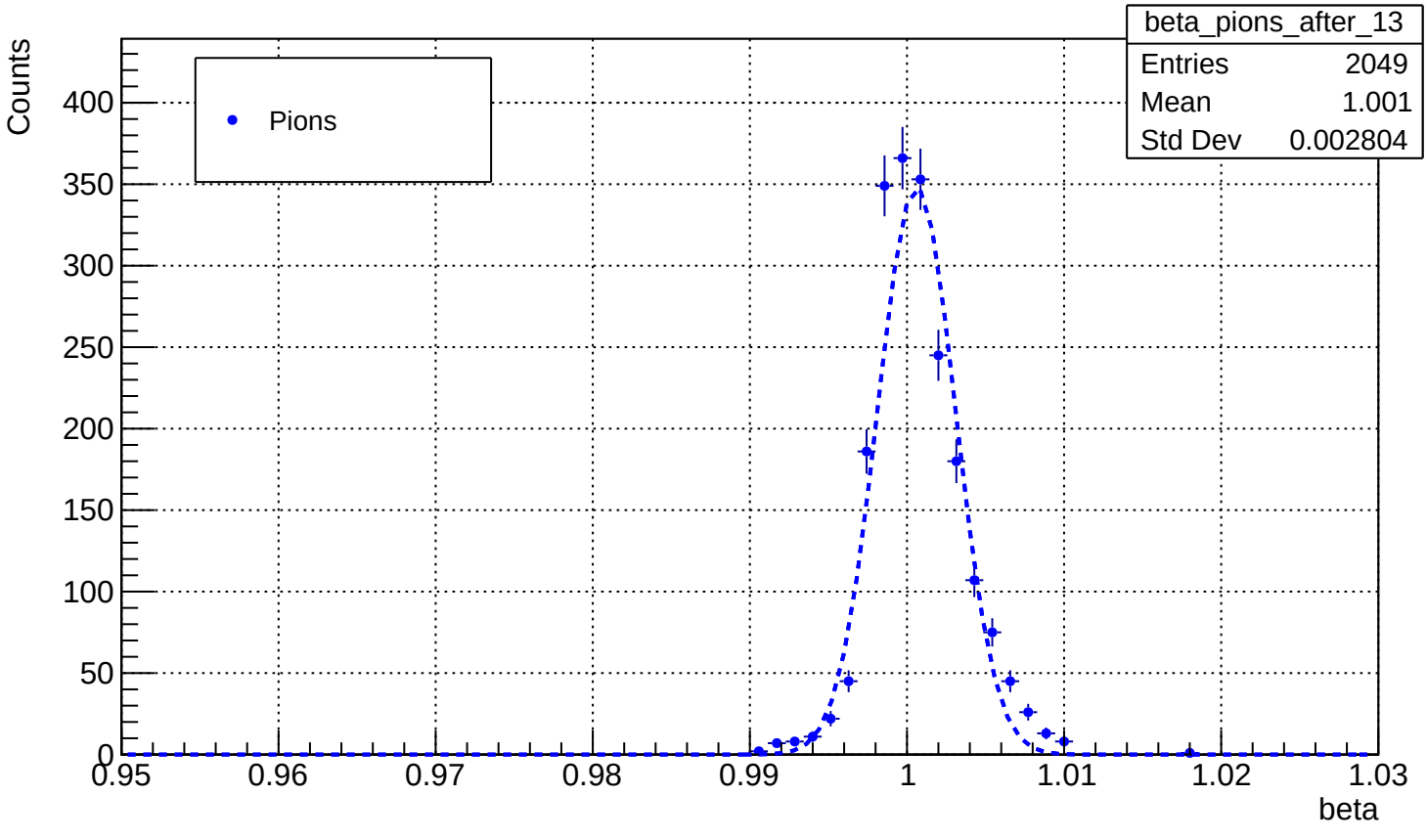

p: [3.40-3.70) GeV/c
beta_pions_after_8
Entries 10517
Mean 1
Std Dev 0.003353
Pions
Protons (Misidentified)
Counts
1800
1600
1400
1200
1000
800
600
400
200
0
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
beta

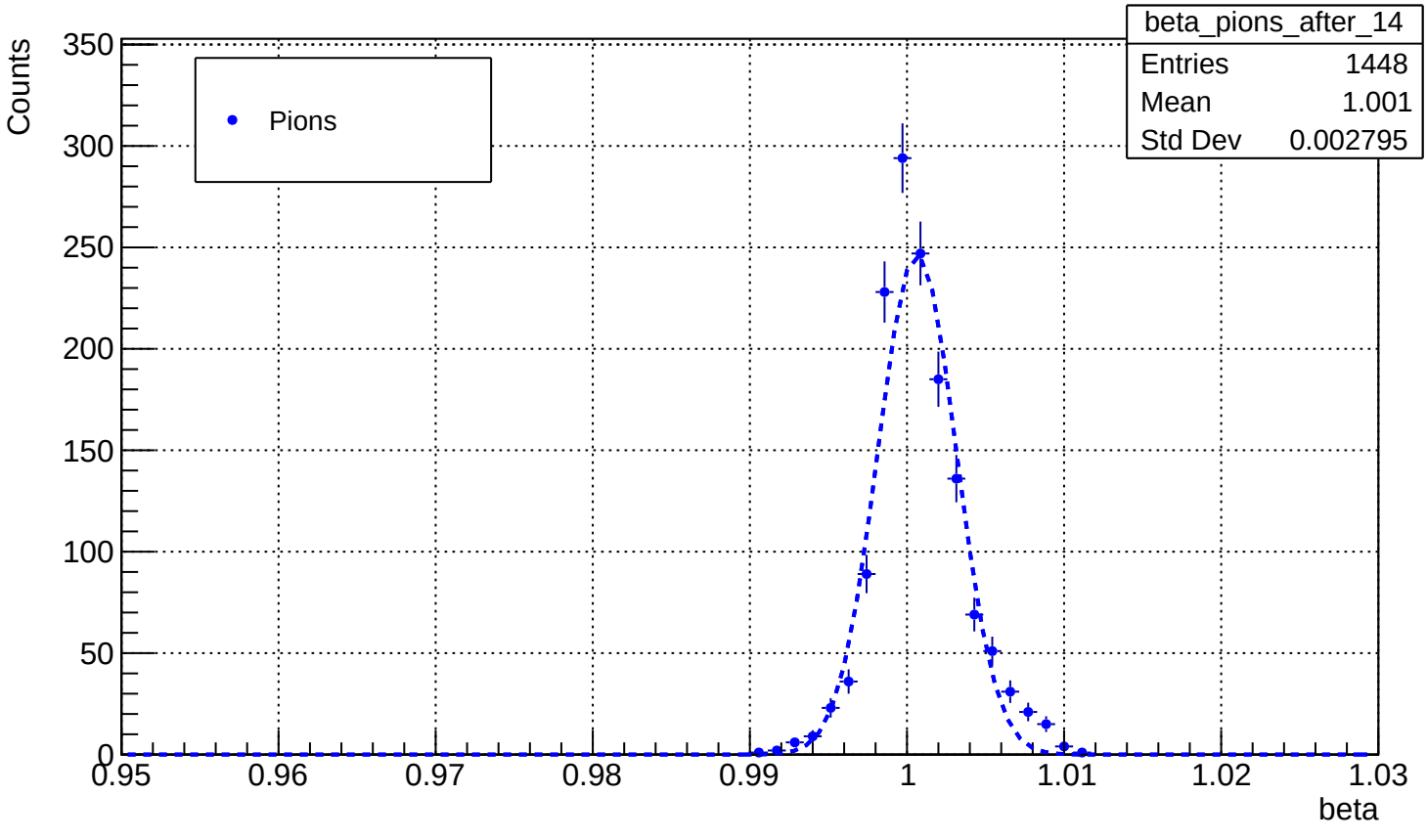

p: [3.70-4.00) GeV/c
beta_pions_after_9
Entries 7688
Mean 1
Std Dev 0.003398
Pions
Protons (Misidentified)
Counts
beta
0
200
400
600
800
1000
1200
1400
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03

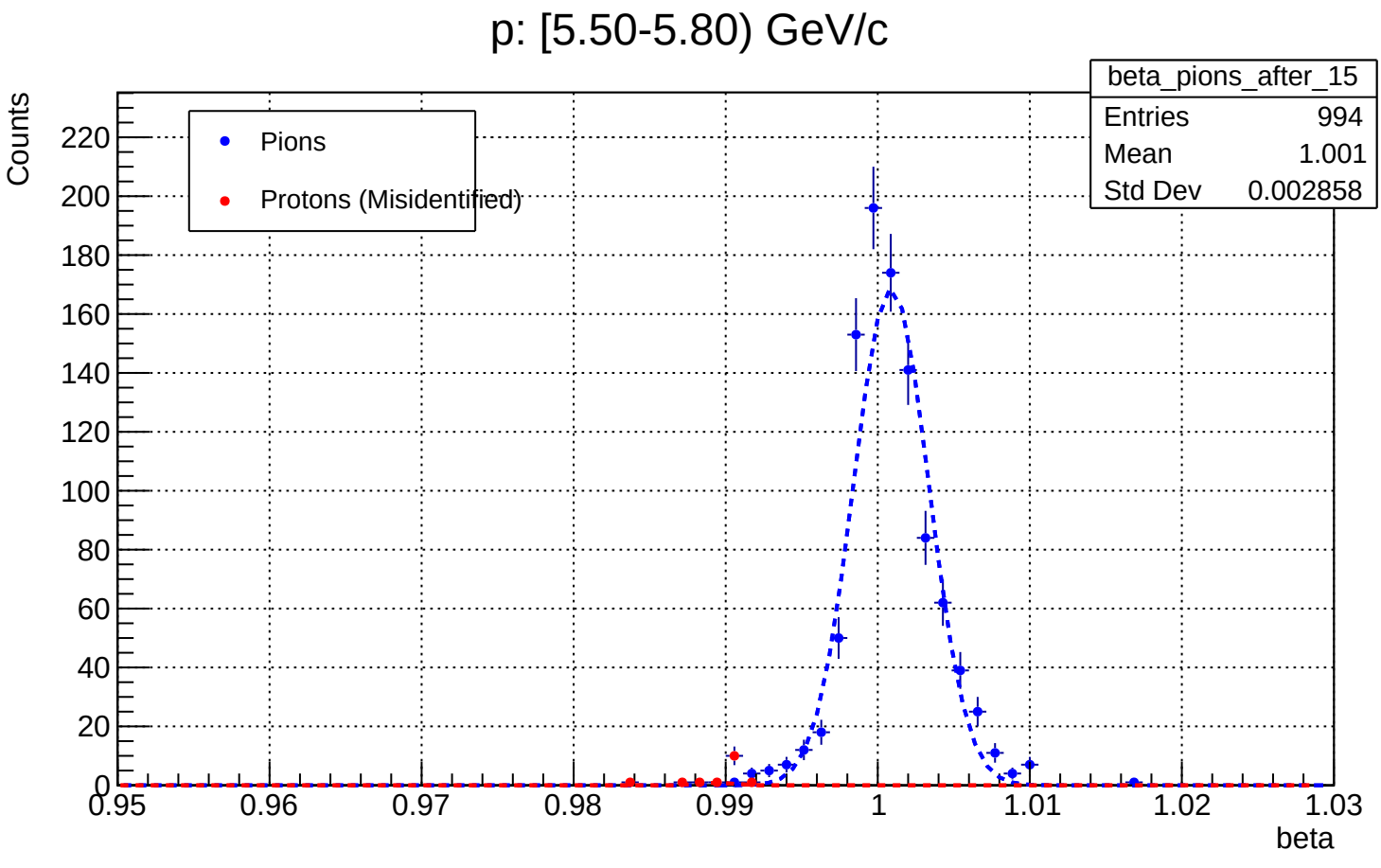

p: [4.00-4.30) GeV/c
beta_pions_after_10
Entries 5658
Mean 1
Std Dev 0.003245
Pions
Protons (Misidentified)
Counts
1000
800
600
400
200
0
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
beta

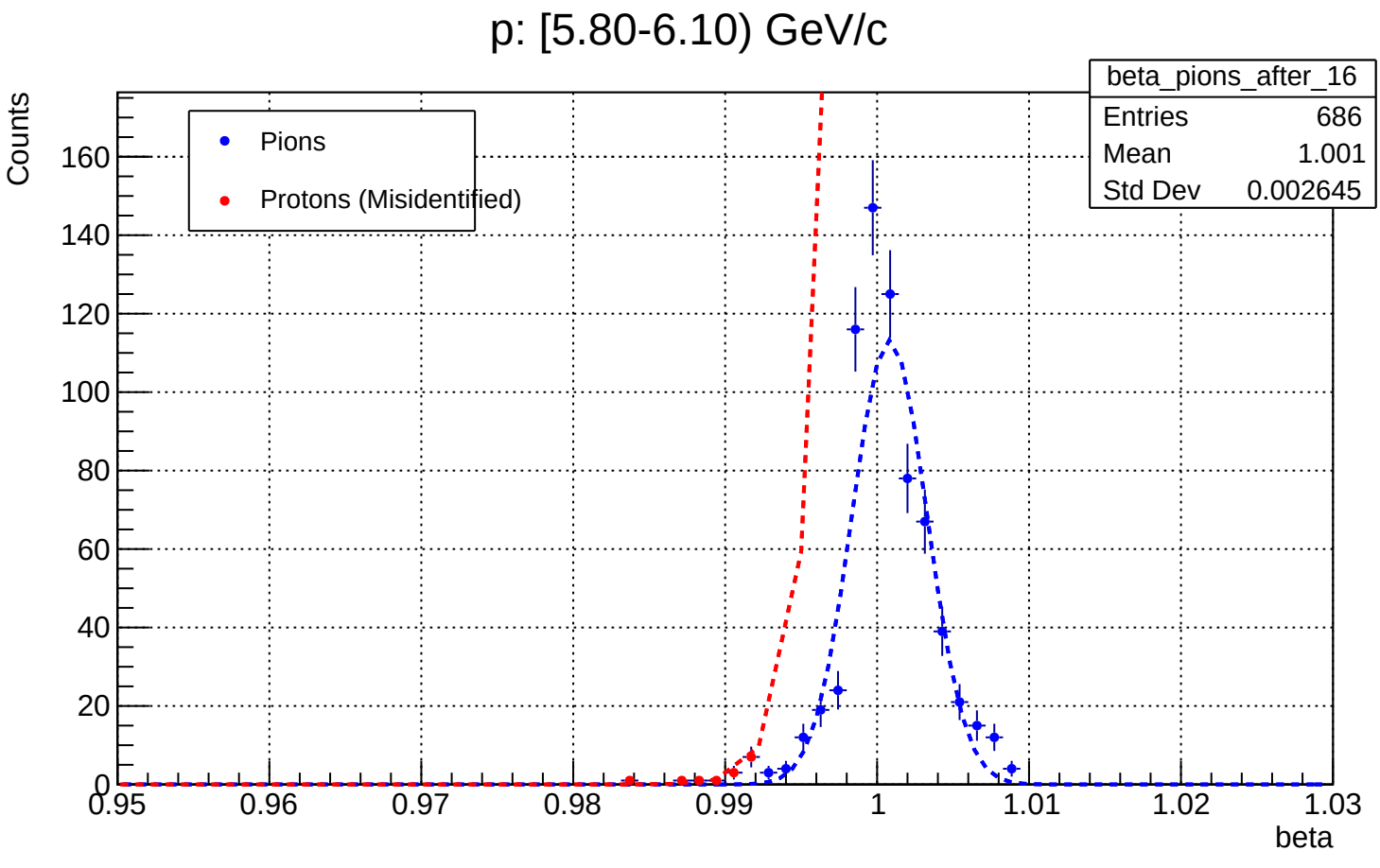

p: [4.30-4.60) GeV/c
beta_pions_after_11
Entries 4155
Mean 1
Std Dev 0.003186
Pions
Protons (Misidentified)
Counts
beta
0
100
200
300
400
500
600
700
800
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03

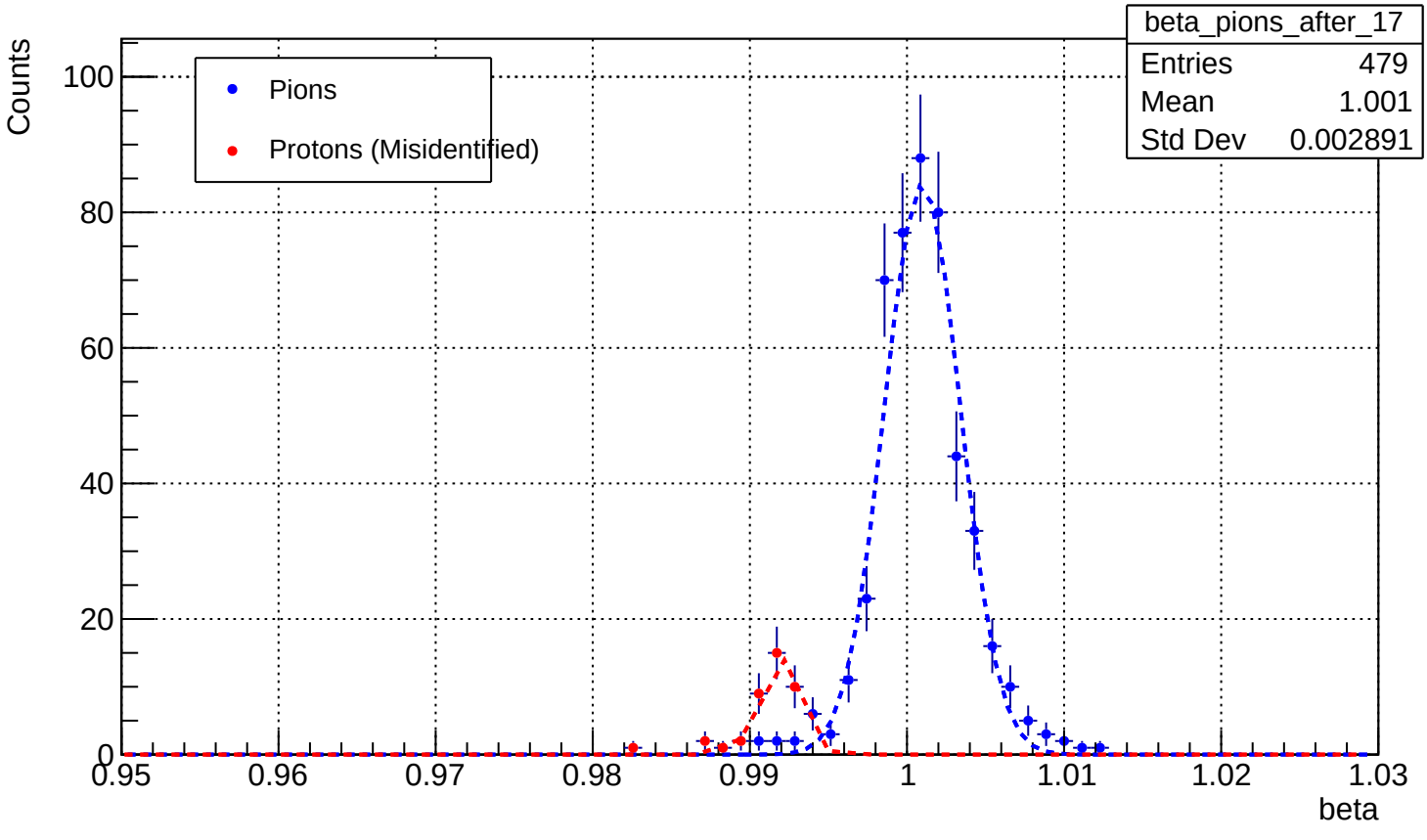

p: [4.60-4.90) GeV/c
beta_pions_after_12
Entries 2995
Mean 1.001
Std Dev 0.00297
Pions
Counts
600
500
400
300
200
100
0
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03
beta

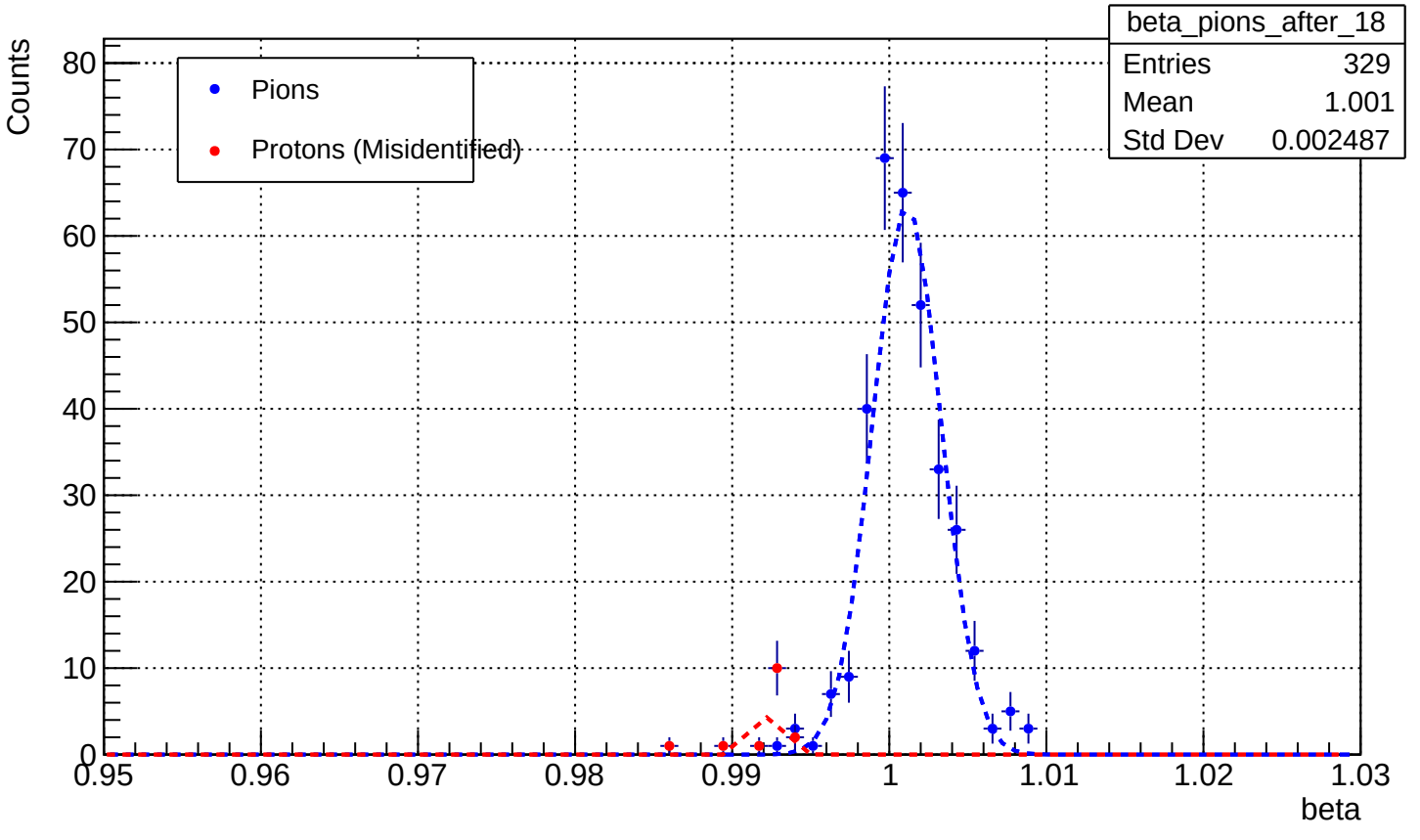

p: [4.90-5.20) GeV/c
beta_pions_after_13
Entries 2049
Mean 1.001
Std Dev 0.002804
Pions
Counts
beta
0
50
100
150
200
250
300
350
400
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03

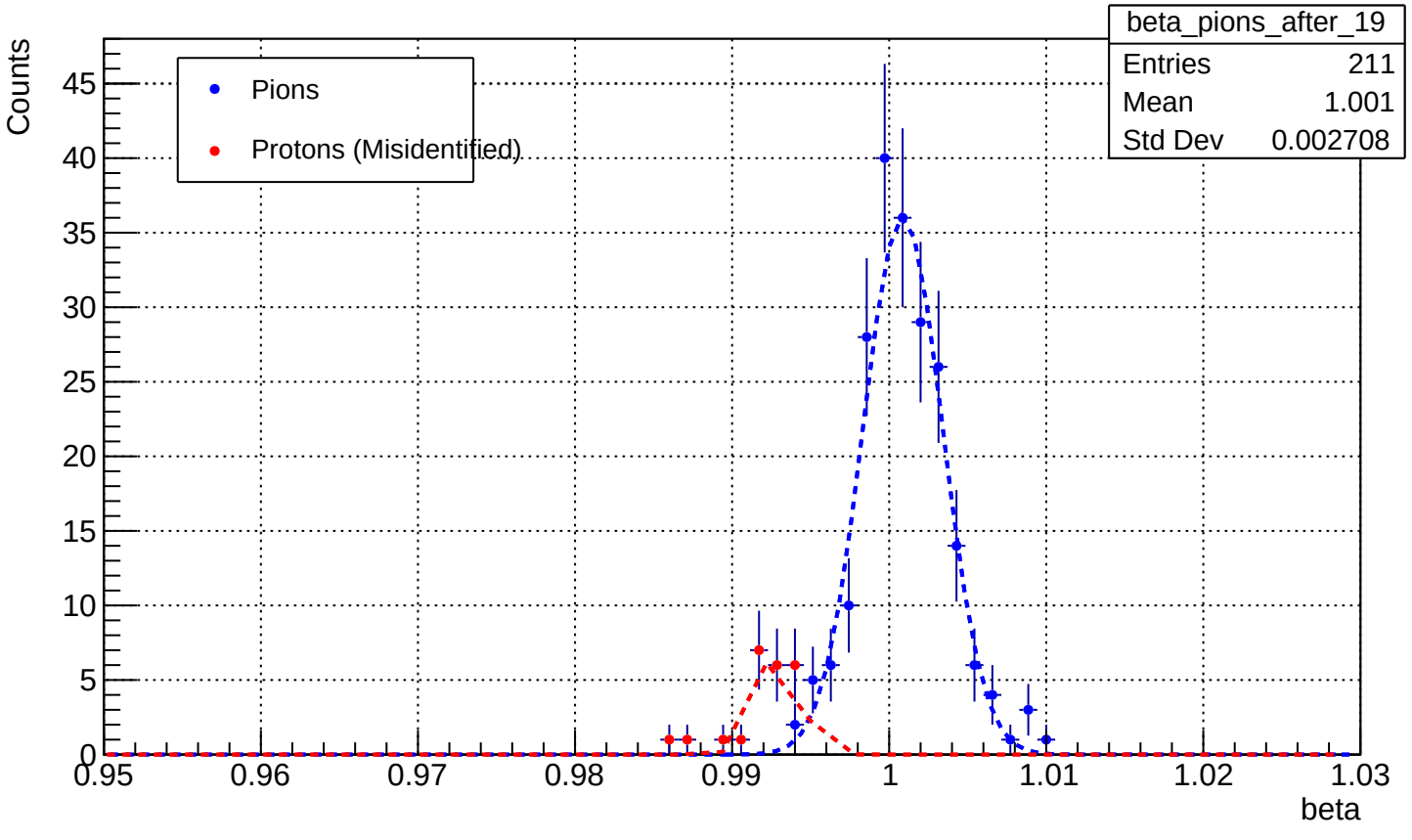

p: [5.20-5.50) GeV/c
beta_pions_after_14
Entries 1448
Mean 1.001
Std Dev 0.002795
Pions
Counts
beta
350
300
250
200
150
100
50
0
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03


p: [5.50-5.80) GeV/c
beta_pions_after_15
Entries 994
Mean 1.001
Std Dev 0.002858
Pions
Protons (Misidentified)
Counts
beta
0
20
40
60
80
100
120
140
160
180
200
220
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03


p: [5.80-6.10) GeV/c
beta_pions_after_16
Entries 686
Mean 1.001
Std Dev 0.002645
Pions
Protons (Misidentified)
Counts
beta
0
20
40
60
80
100
120
140
160
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03


p: [6.10-6.40) GeV/c
beta_pions_after_17
Entries 479
Mean 1.001
Std Dev 0.002891
Pions
Protons (Misidentified)
Counts
beta
0
20
40
60
80
100
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03


p: [6.40-6.70) GeV/c
beta_pions_after_18
Entries 329
Mean 1.001
Std Dev 0.002487
Pions
Protons (Misidentified)
Counts
beta
0
10
20
30
40
50
60
70
80
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03


p: [6.70-7.00) GeV/c
beta_pions_after_19
Entries 211
Mean 1.001
Std Dev 0.002708
Pions
Protons (Misidentified)
Counts
beta
0
5
10
15
20
25
30
35
40
45
0.95
0.96
0.97
0.98
0.99
1
1.01
1.02
1.03