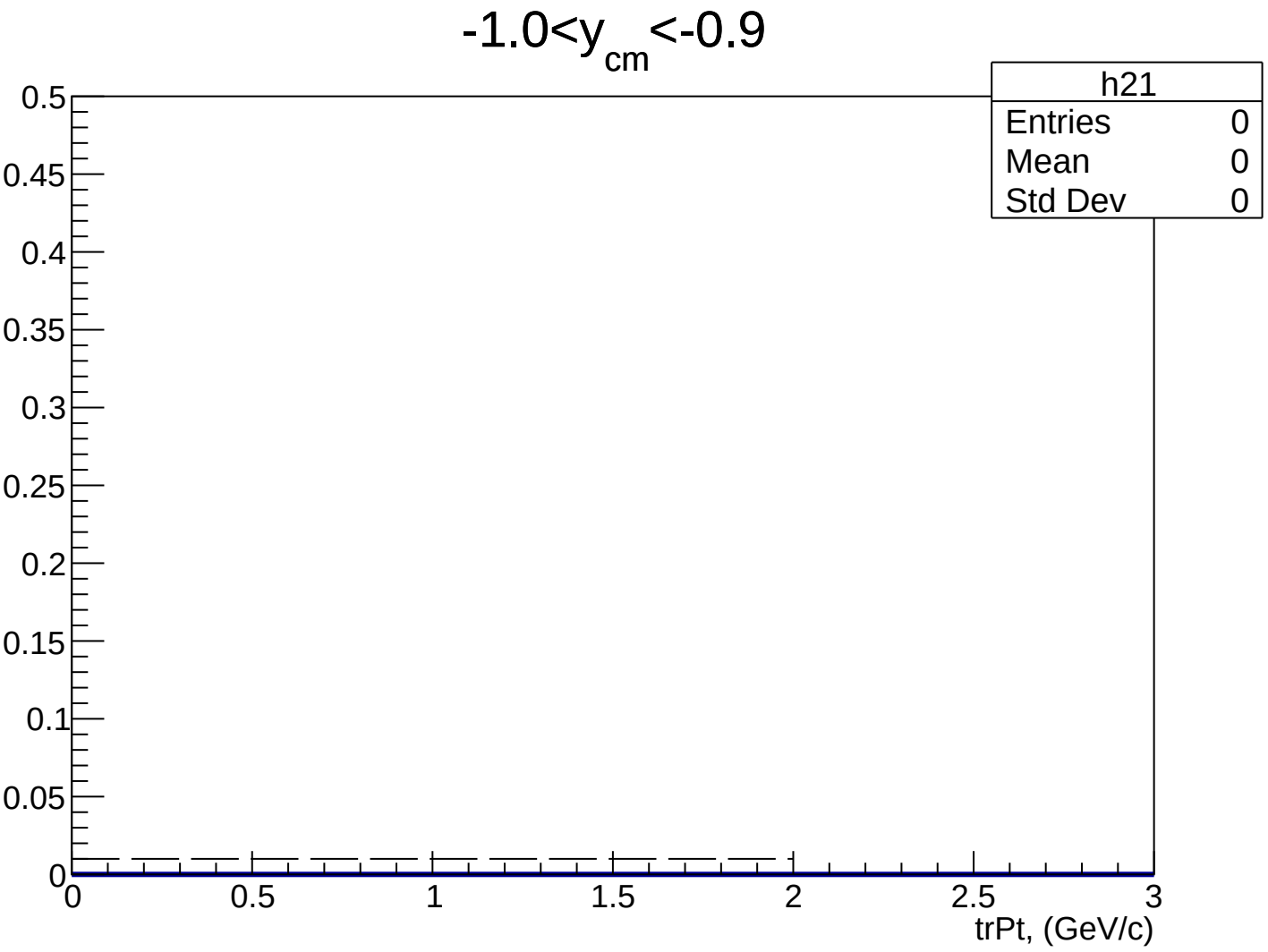
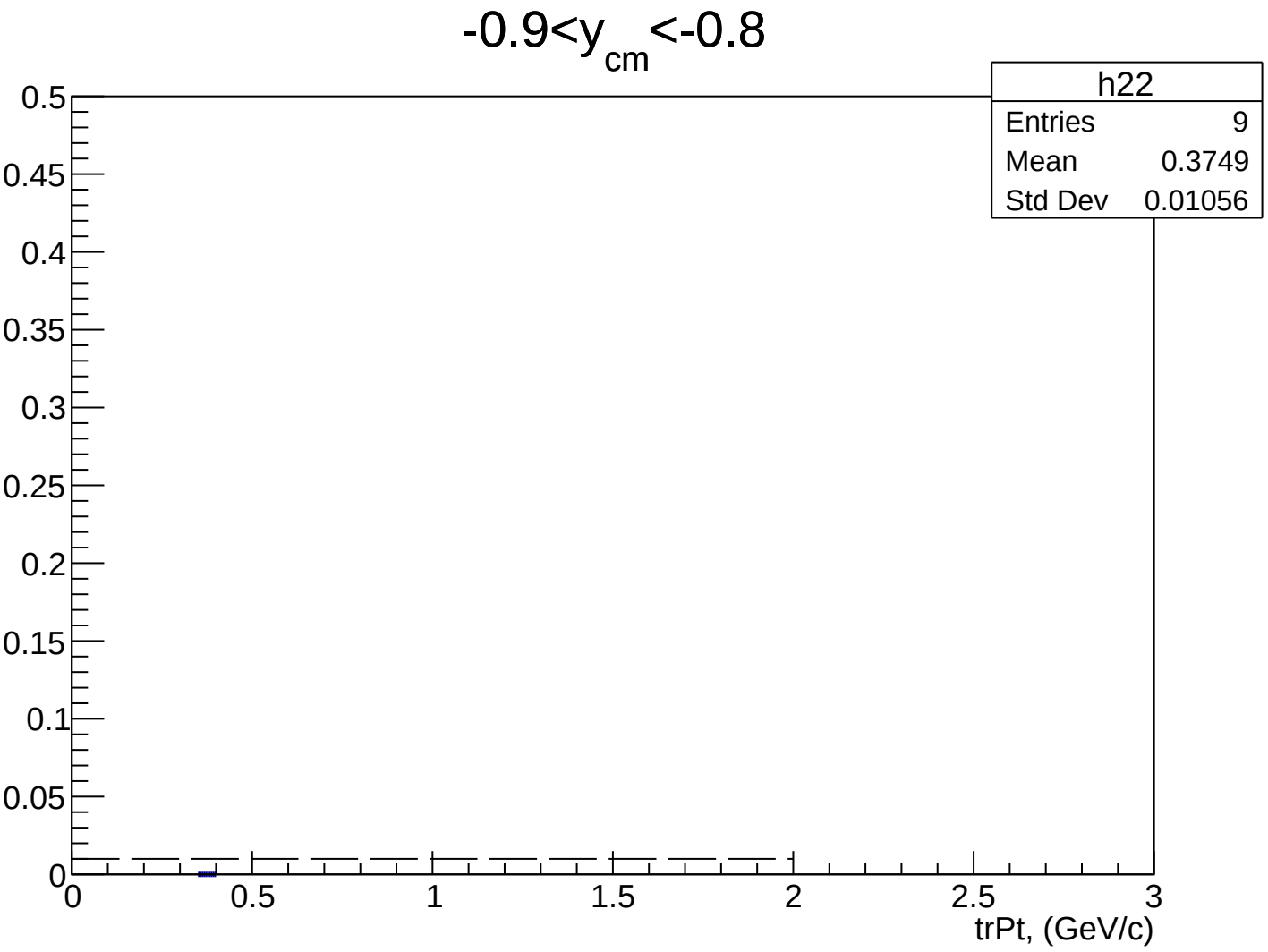
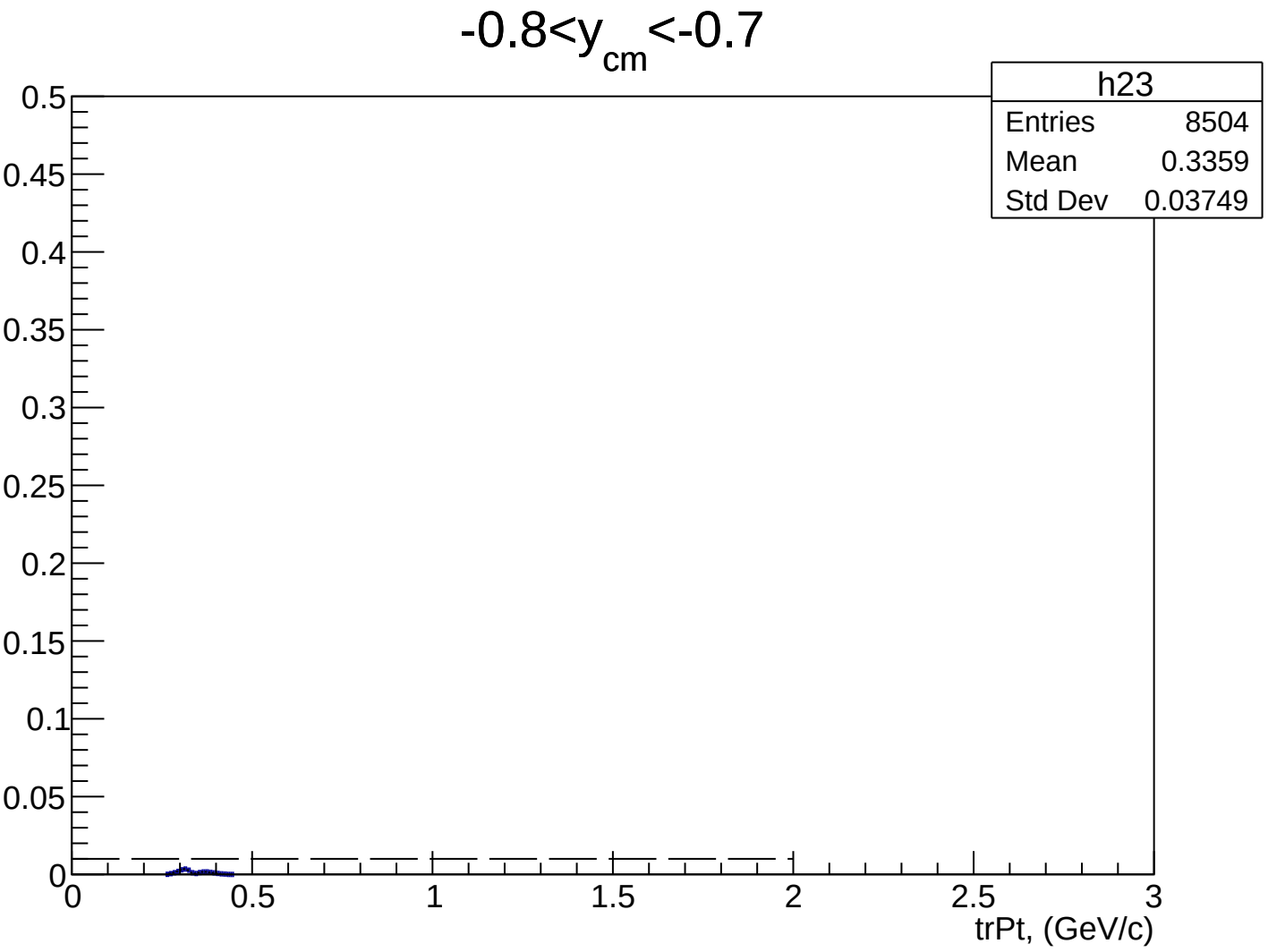
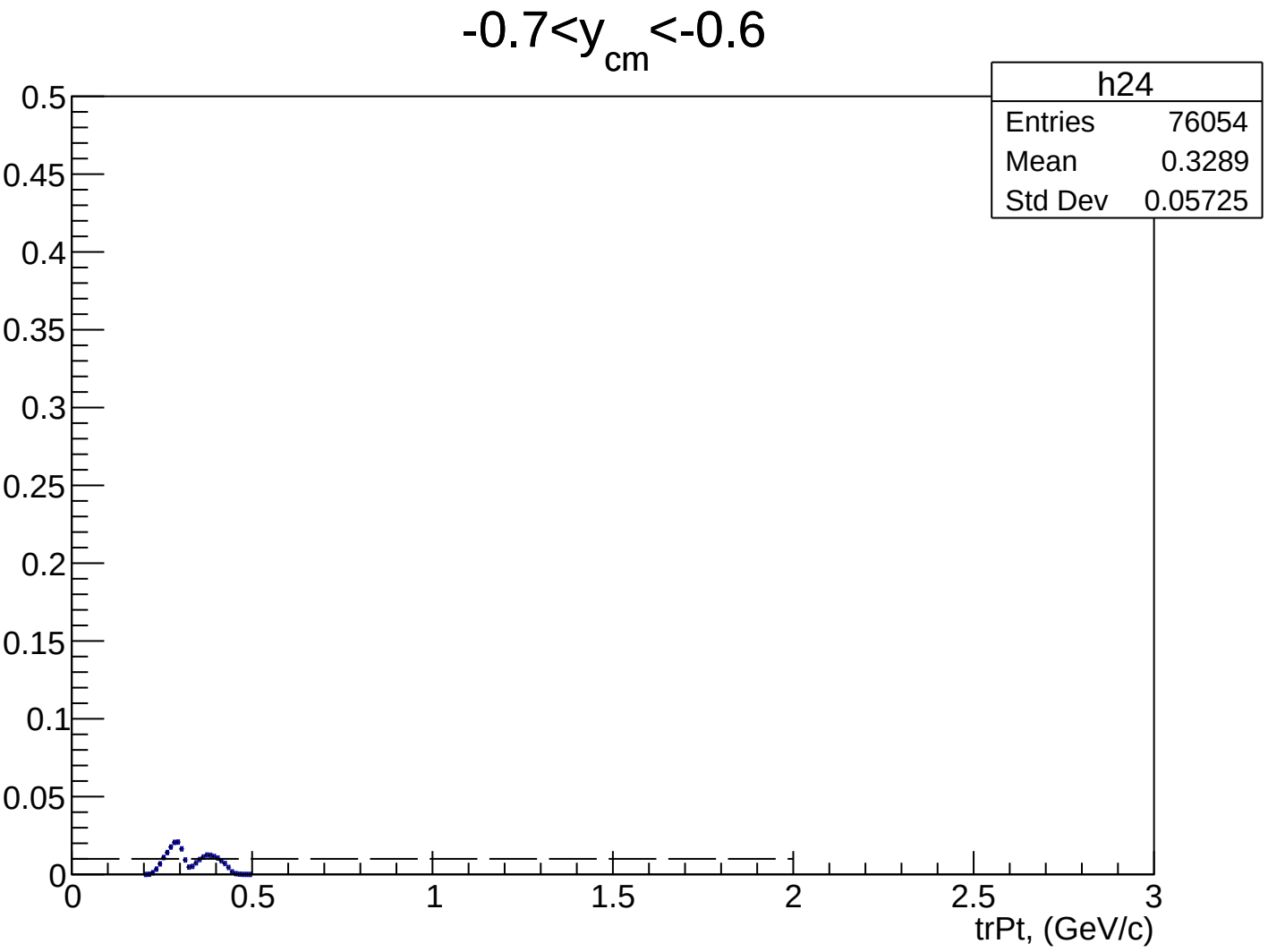
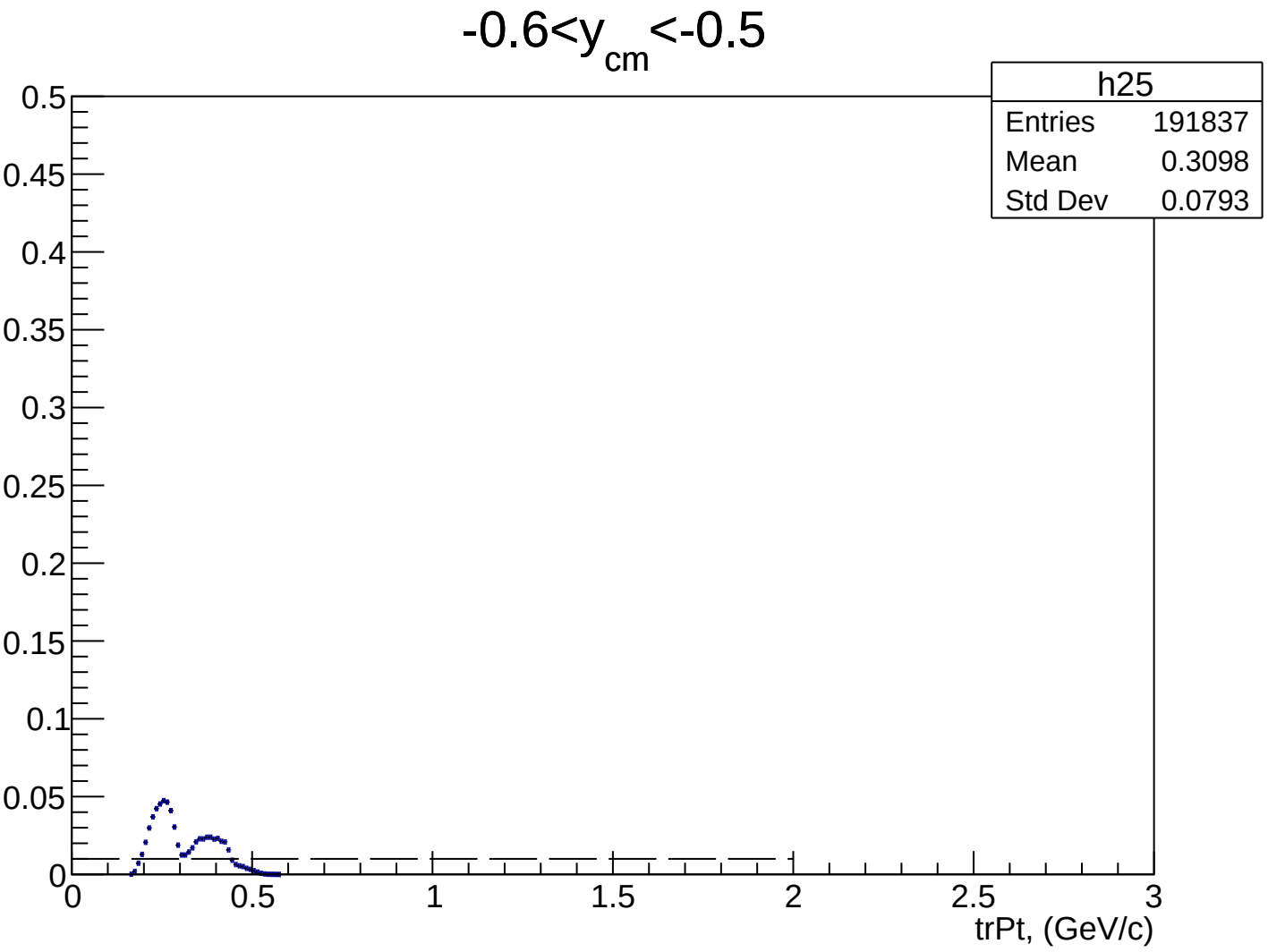
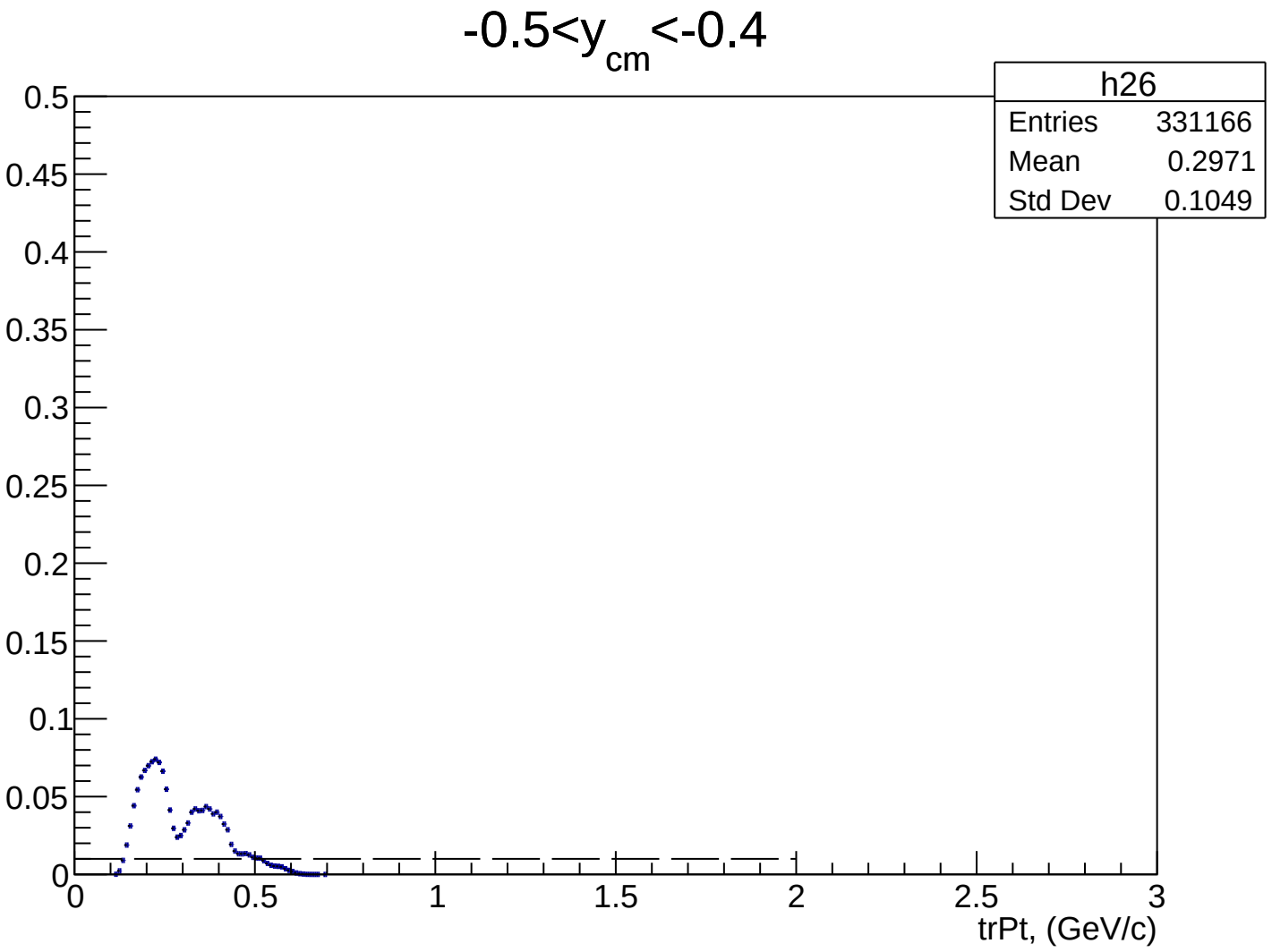

-1.0<y_cm<-0.9
h21
Entries 0
Mean 0
Std Dev 0
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

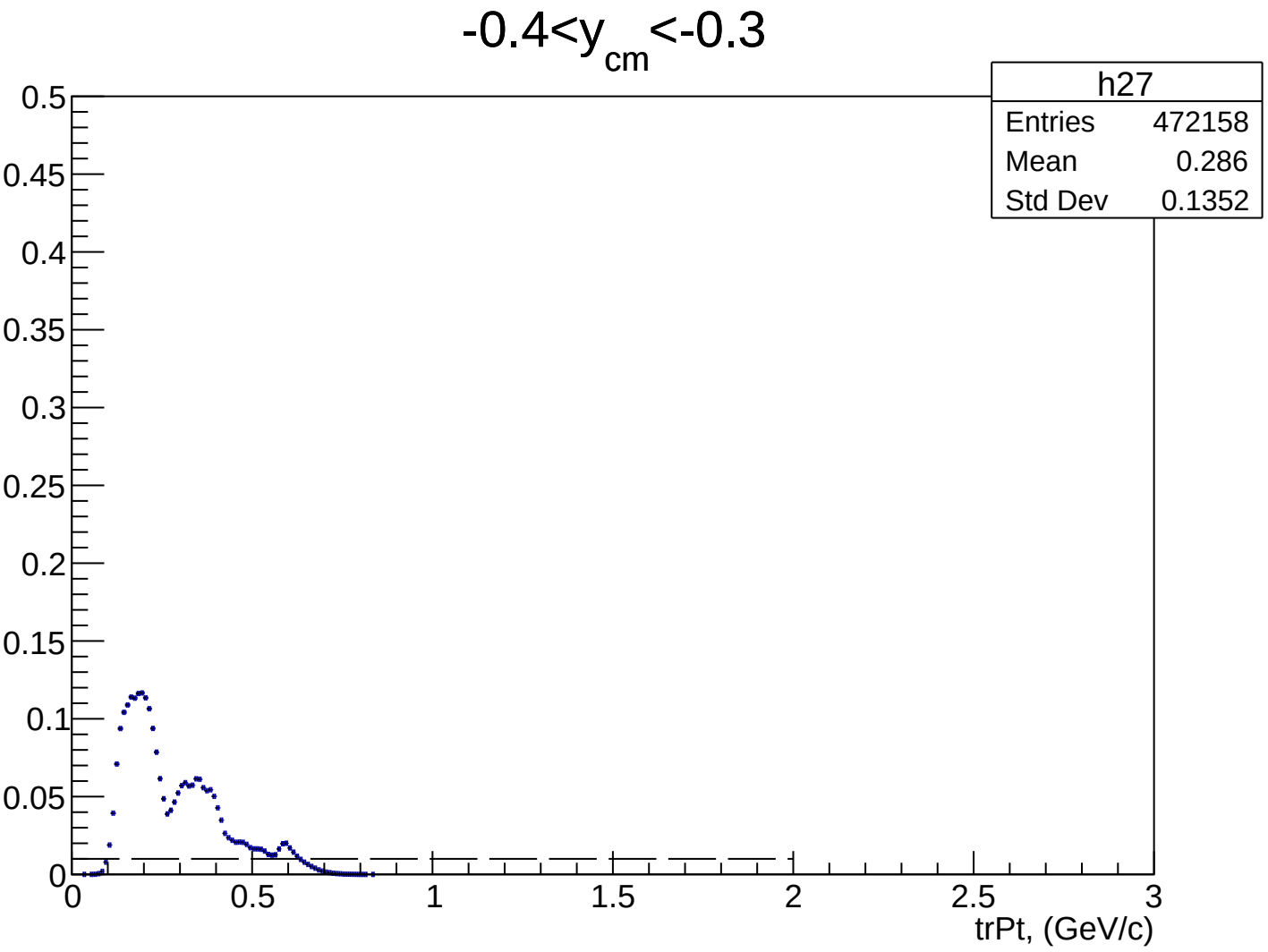

-0.9<y_cm<-0.8
h22
Entries 9
Mean 0.3749
Std Dev 0.01056
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

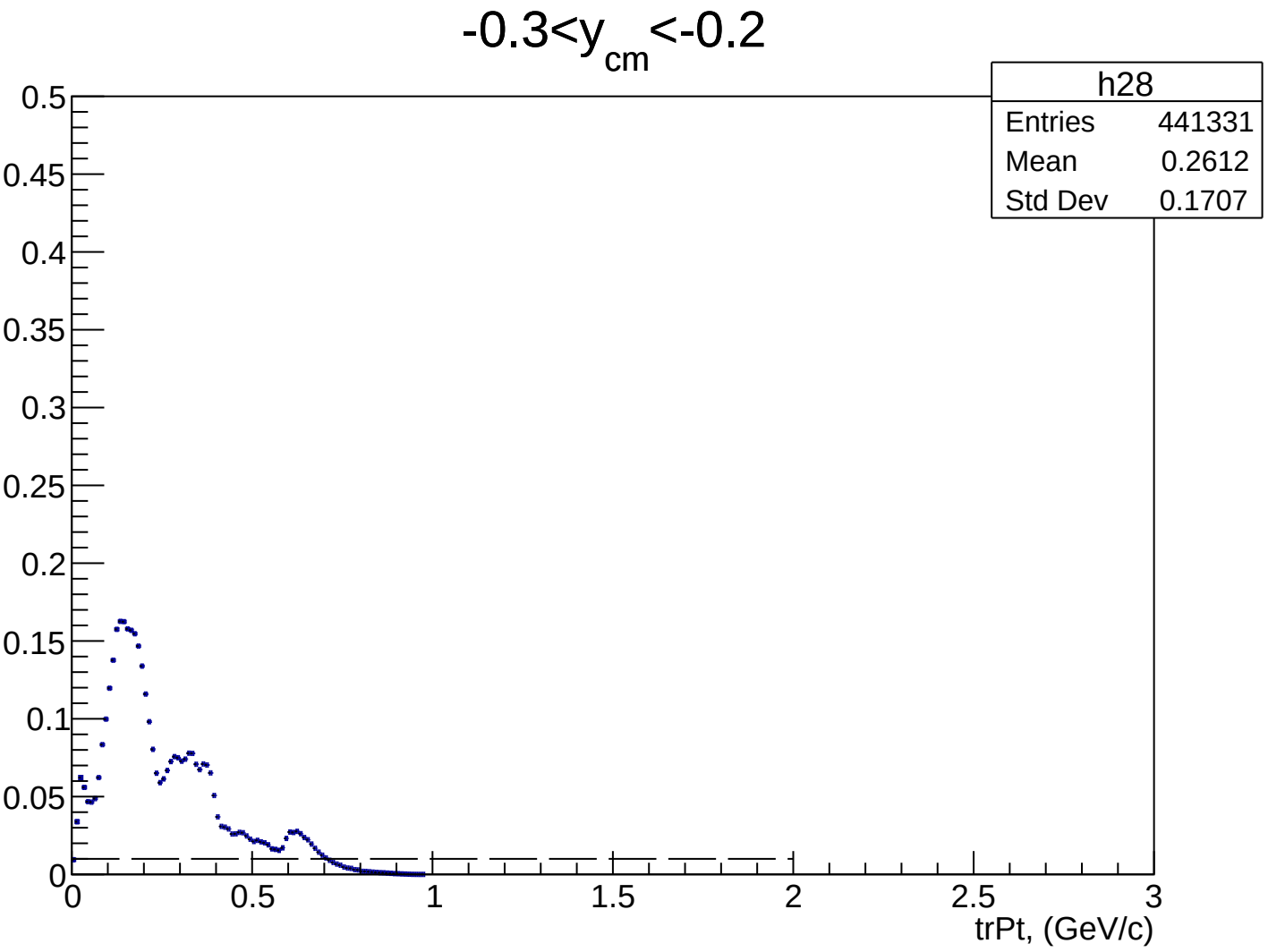

-0.8<y_cm<-0.7
h23
Entries 8504
Mean 0.3359
Std Dev 0.03749
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

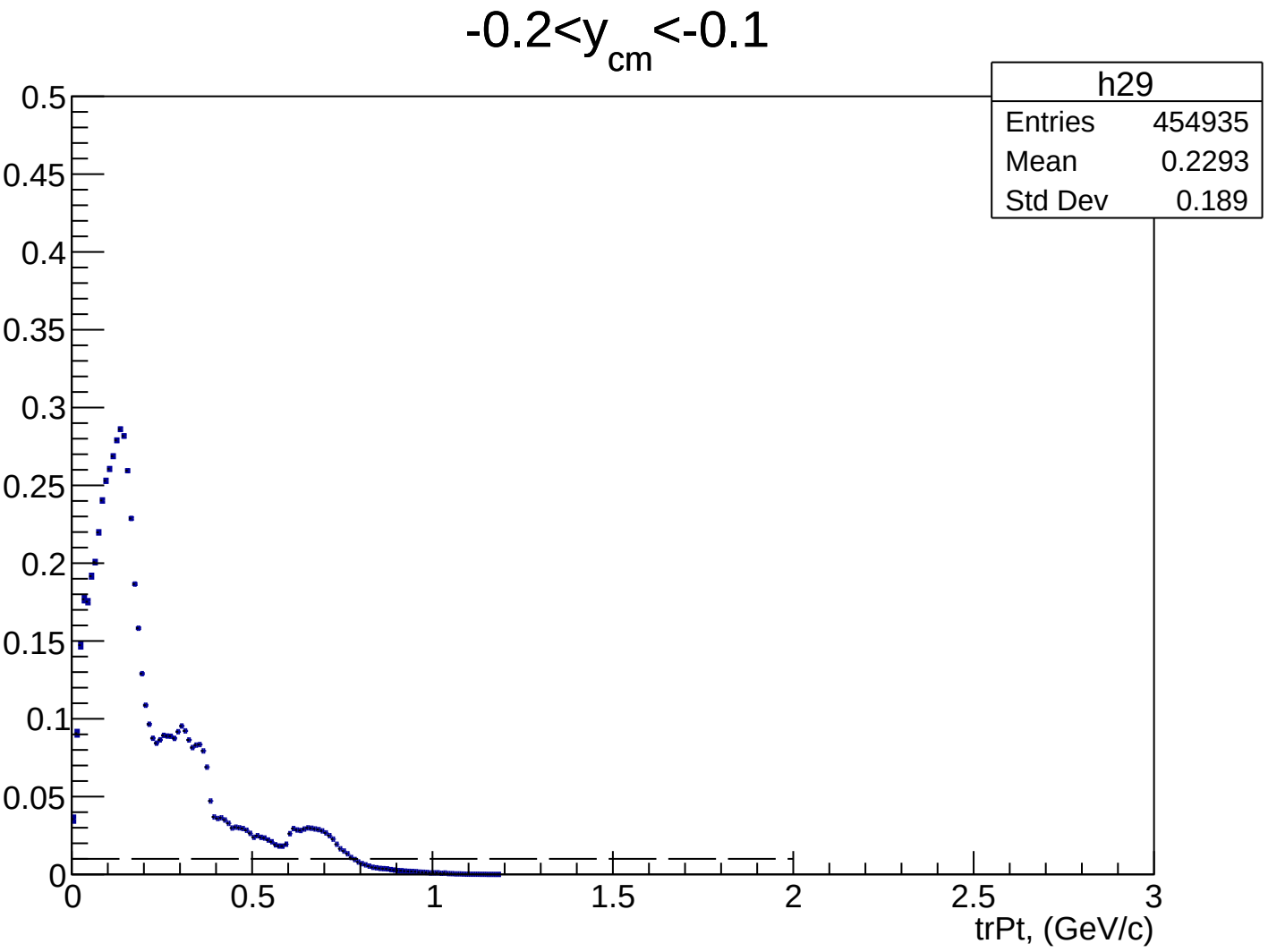

-0.7<y_cm<-0.6
h24
Entries 76054
Mean 0.3289
Std Dev 0.05725
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

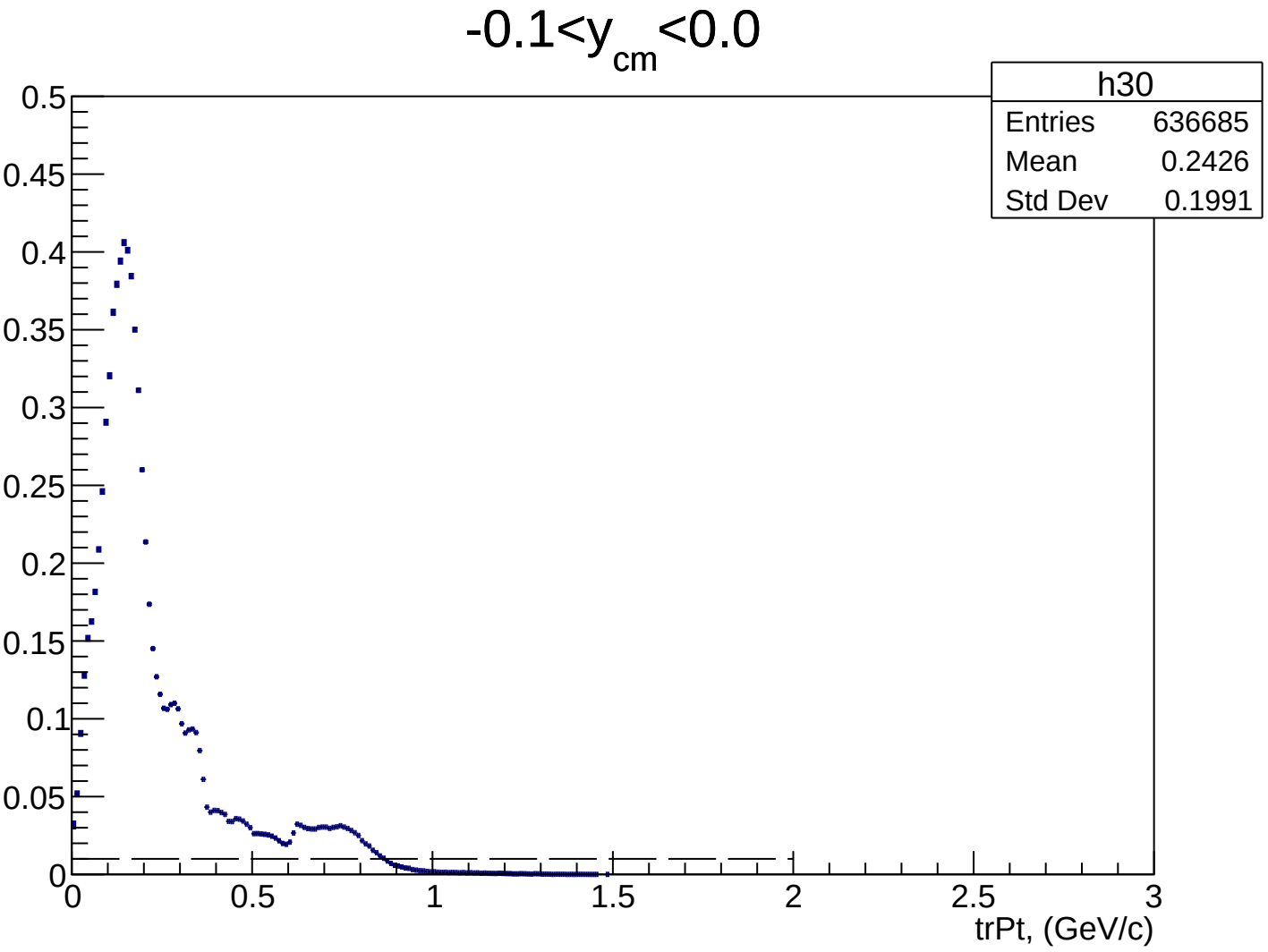

-0.6<y_cm<-0.5
h25
Entries 191837
Mean 0.3098
Std Dev 0.0793
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

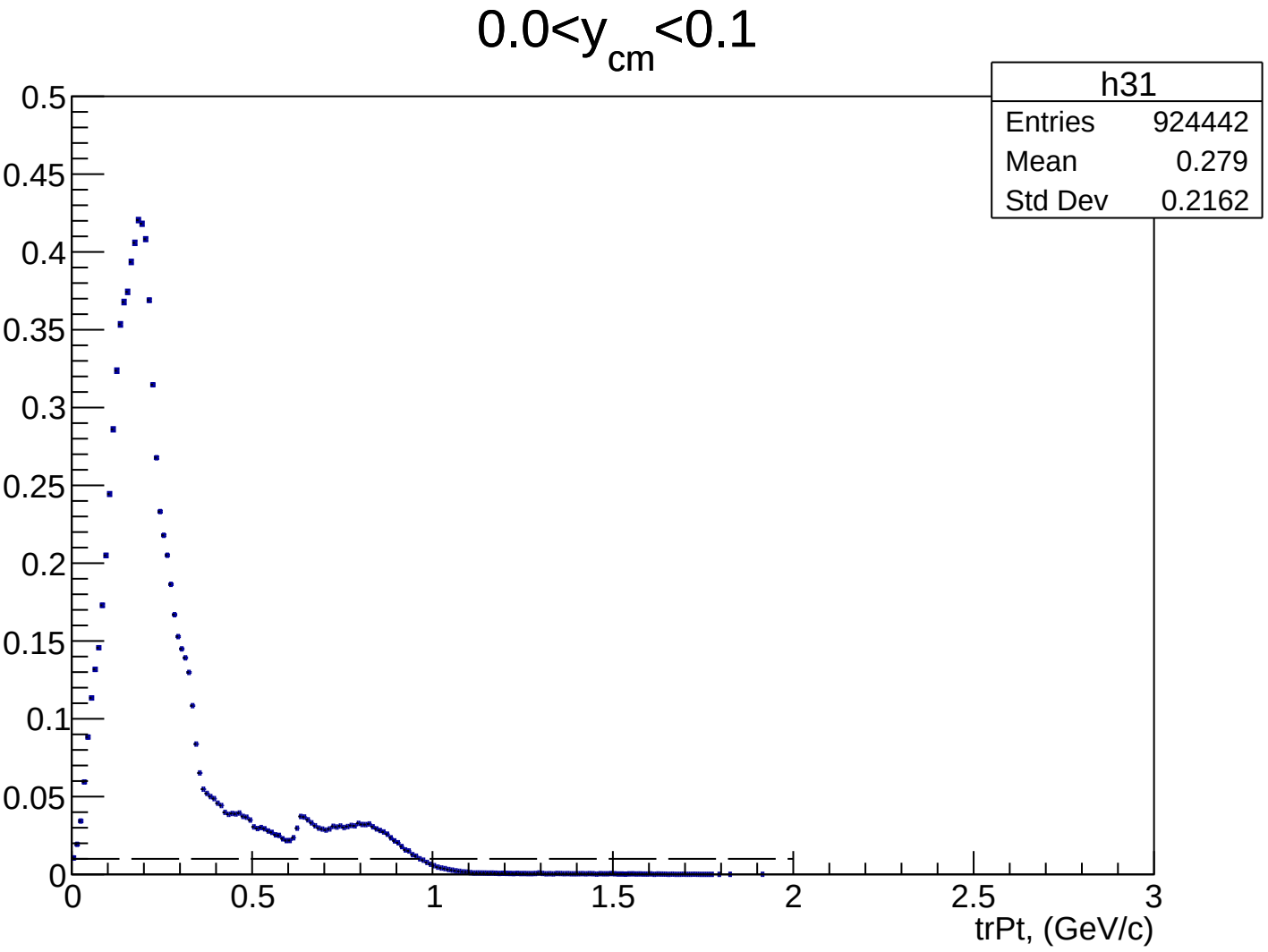

-0.5<y_cm<-0.4
h26
Entries 331166
Mean 0.2971
Std Dev 0.1049
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

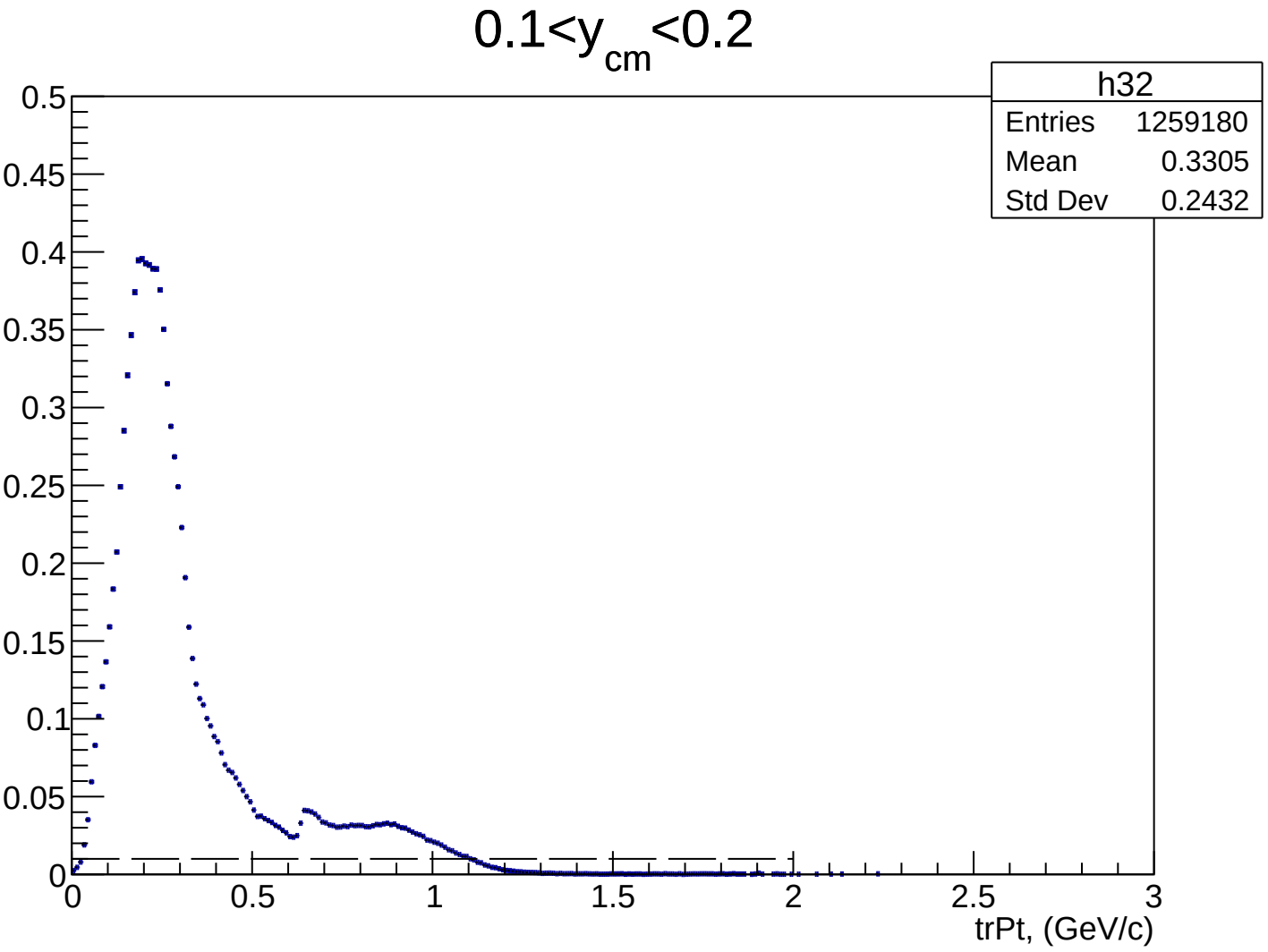

-0.4<y_cm<-0.3
h27
Entries 472158
Mean 0.286
Std Dev 0.1352
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

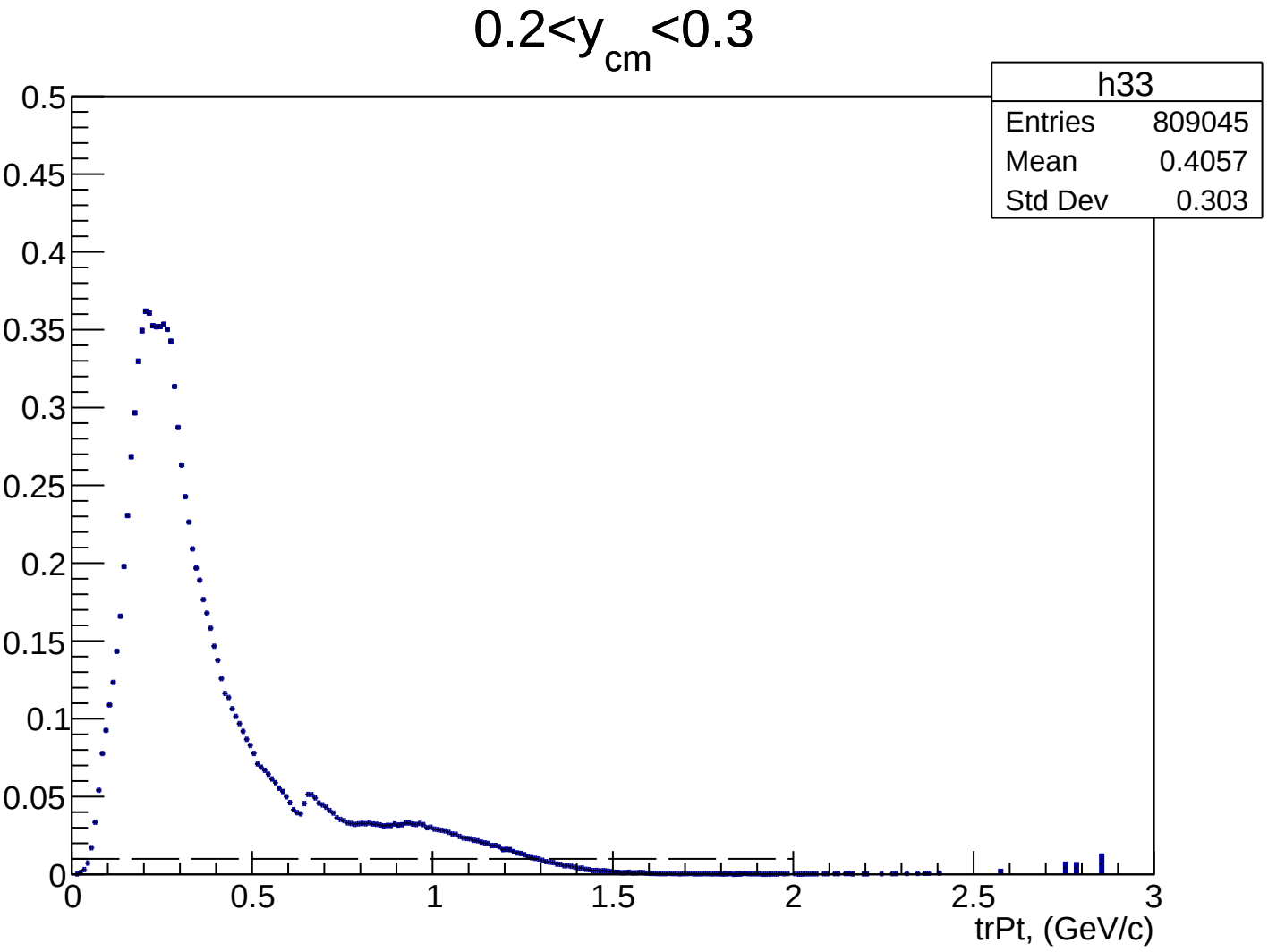

-0.3<y_cm<-0.2
h28
Entries 441331
Mean 0.2612
Std Dev 0.1707
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

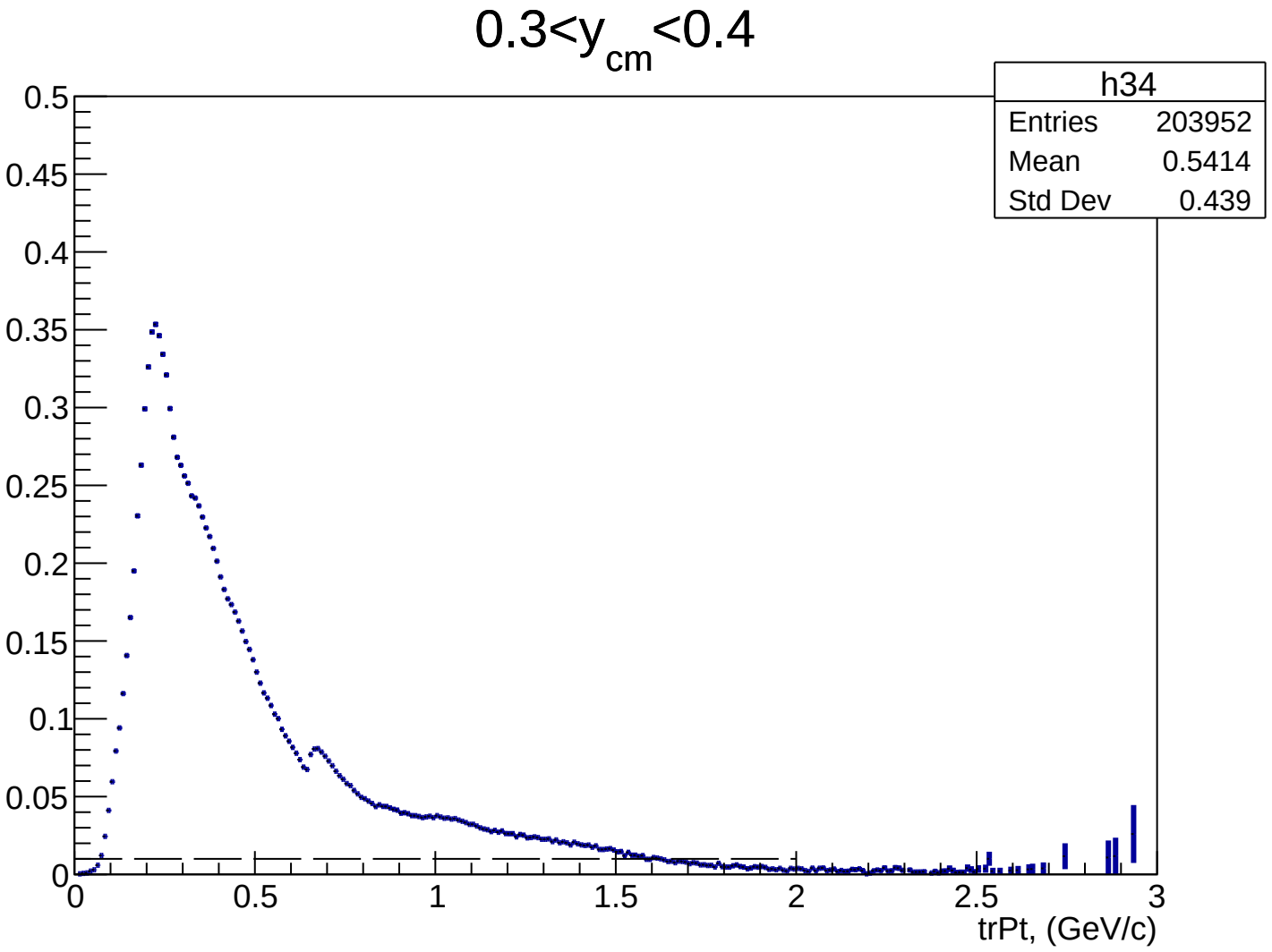

-0.2<y_cm<-0.1
h29
Entries 454935
Mean 0.2293
Std Dev 0.189
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

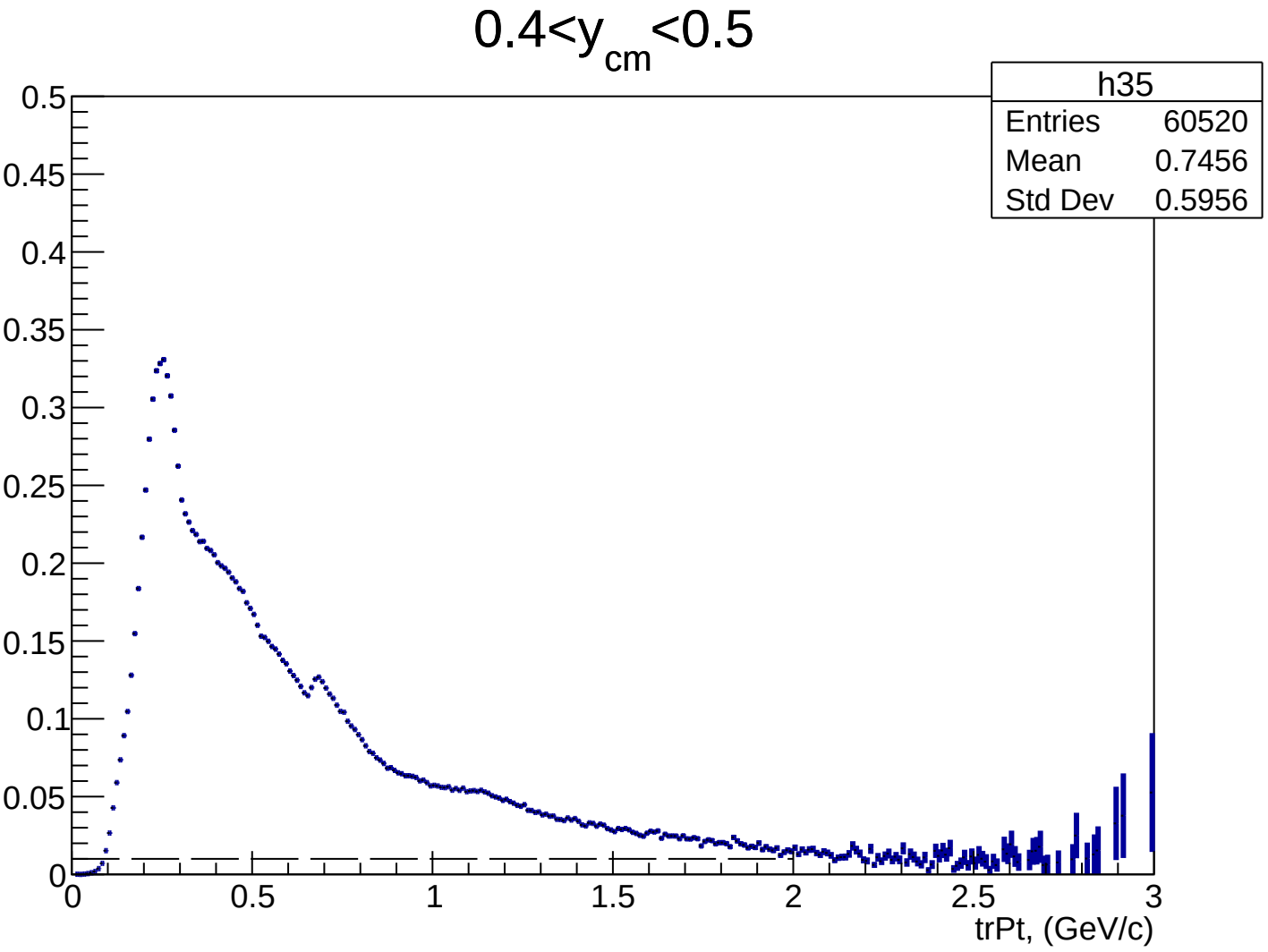

-0.1<y_cm<0.0
h30
Entries 636685
Mean 0.2426
Std Dev 0.1991
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

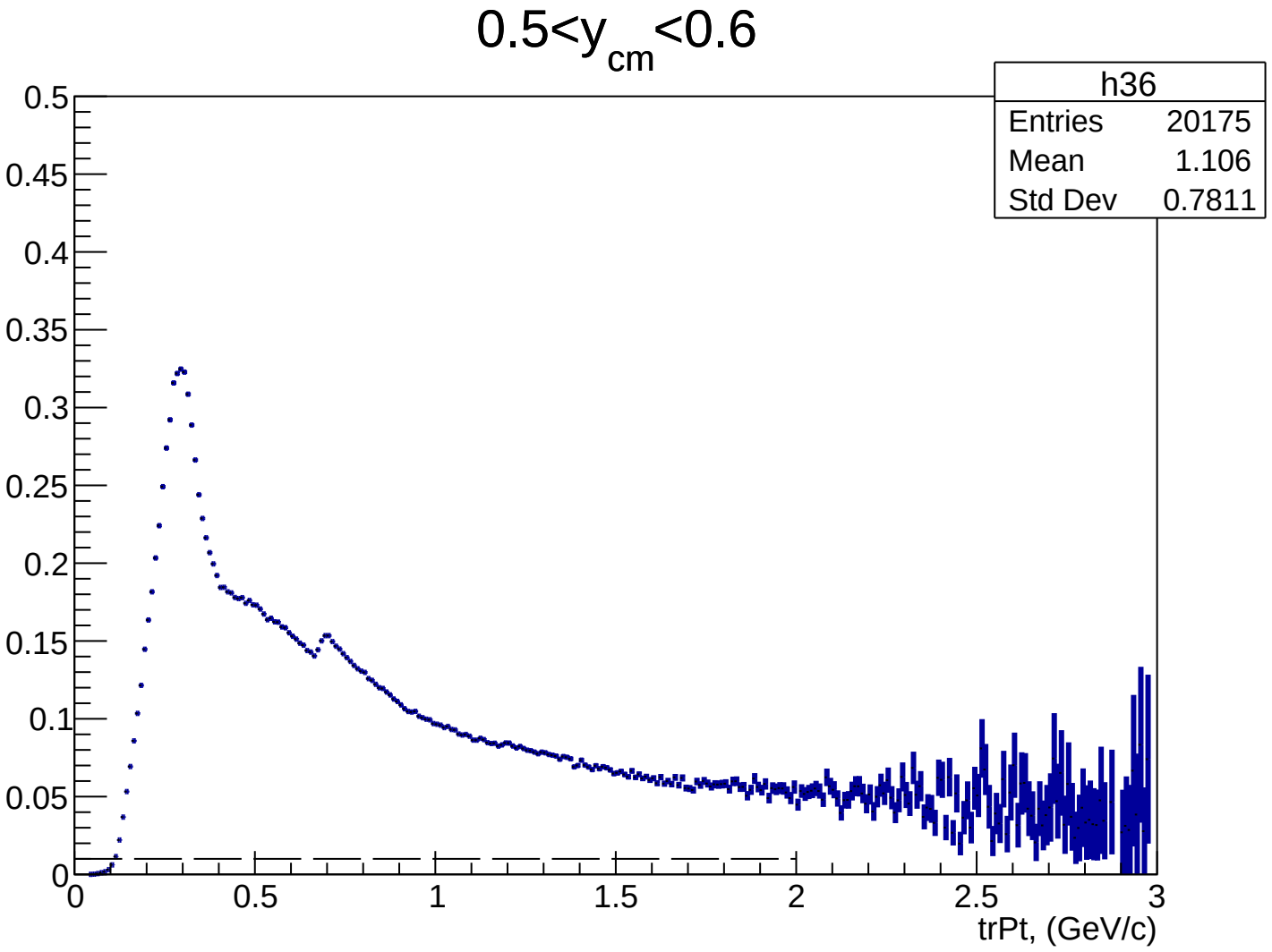

0.0<y_cm<0.1
h31
Entries 924442
Mean 0.279
Std Dev 0.2162
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

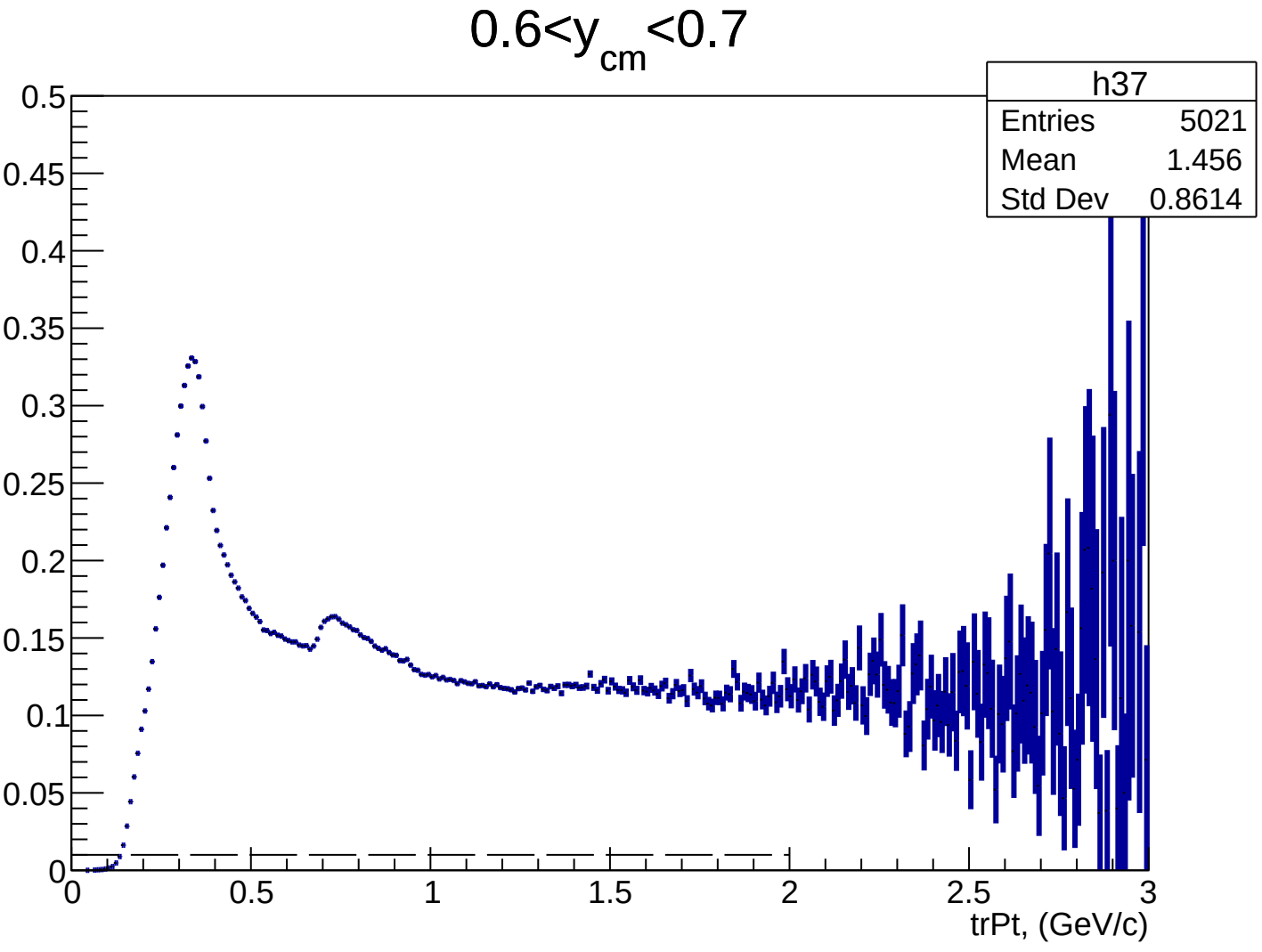

0.1<y_cm<0.2
h32
Entries 1259180
Mean 0.3305
Std Dev 0.2432
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

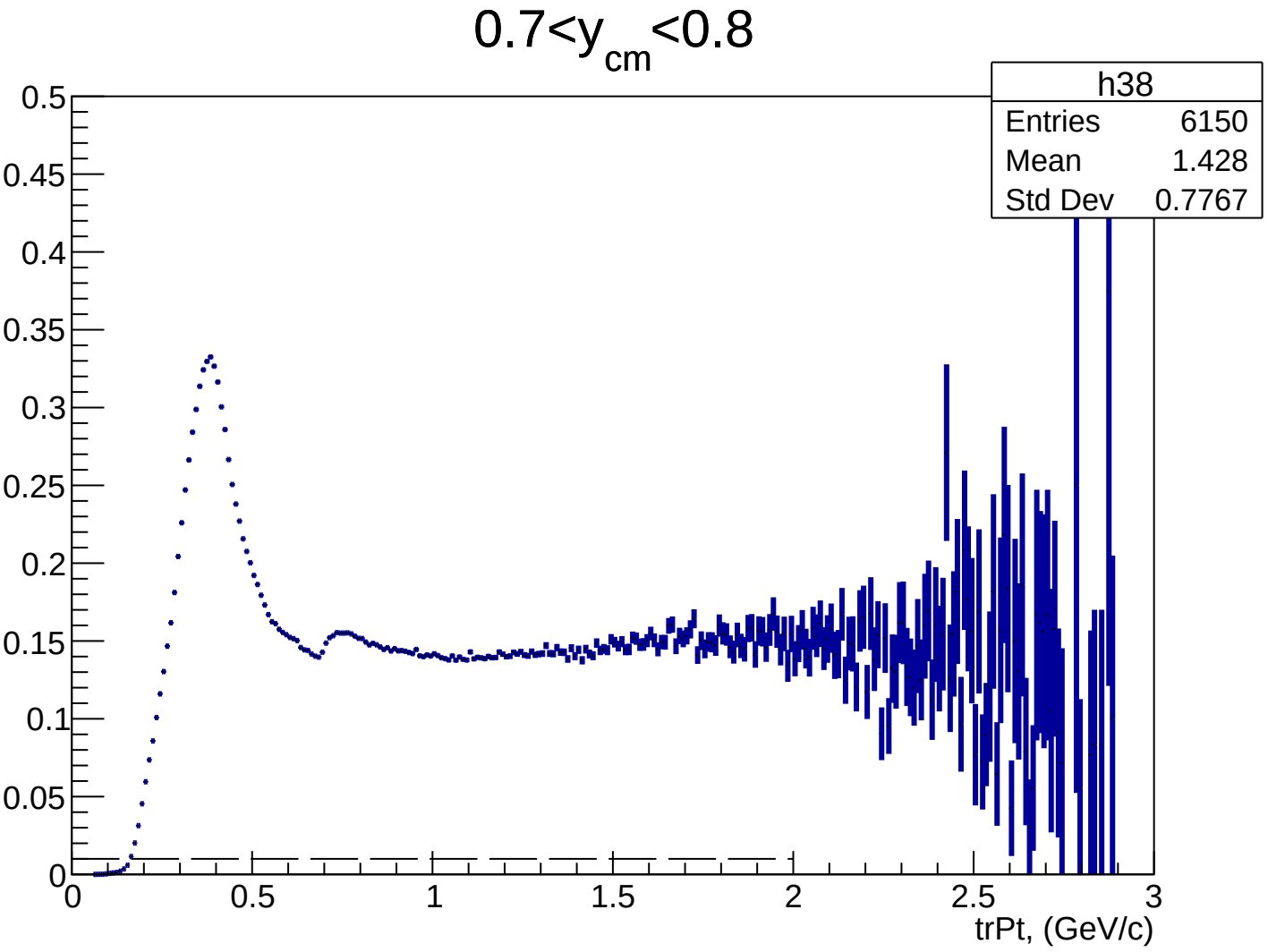

0.2<y_cm<0.3
h33
Entries 809045
Mean 0.4057
Std Dev 0.303
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

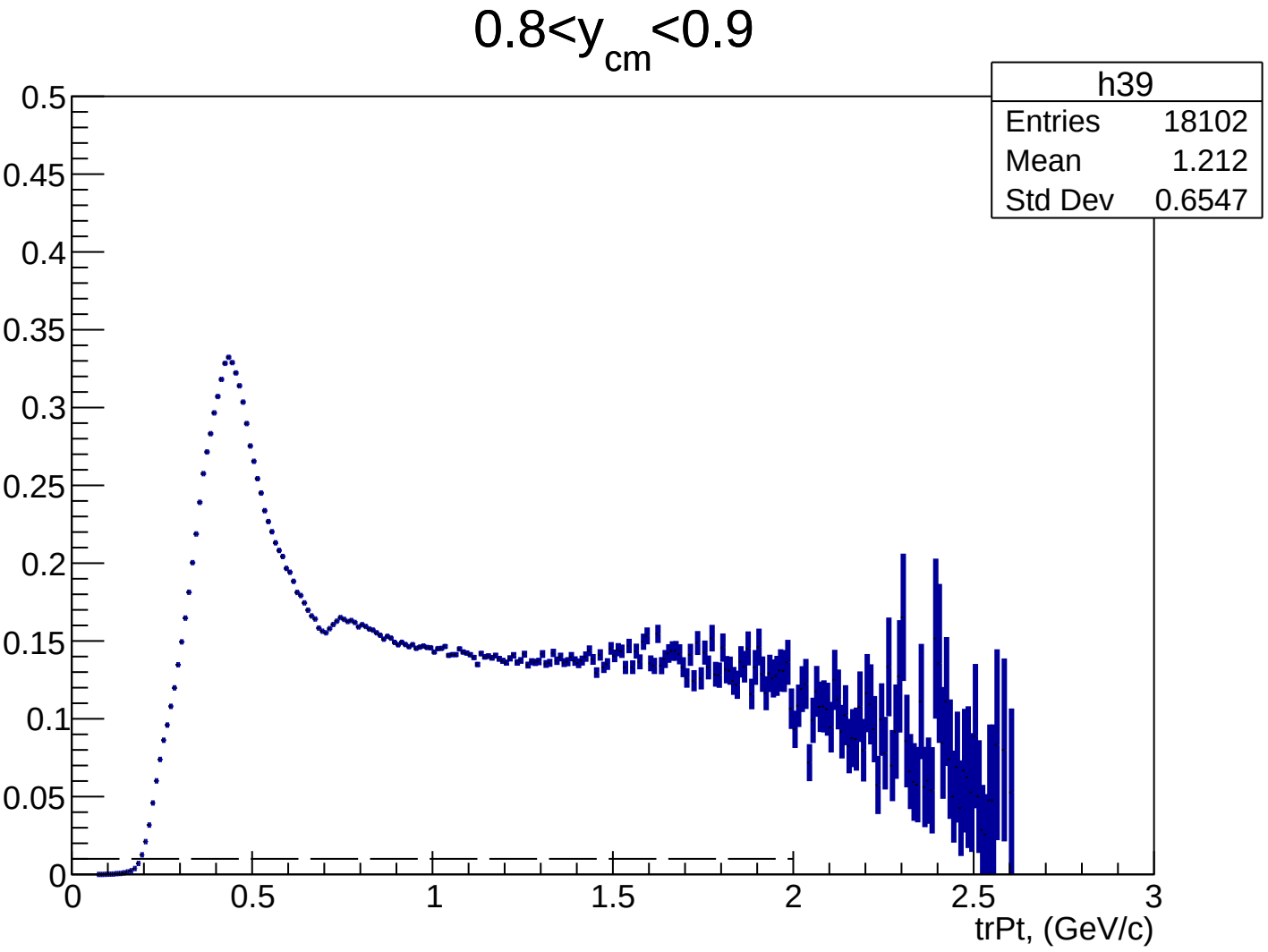

0.3<y_cm<0.4
h34
Entries 203952
Mean 0.5414
Std Dev 0.439
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

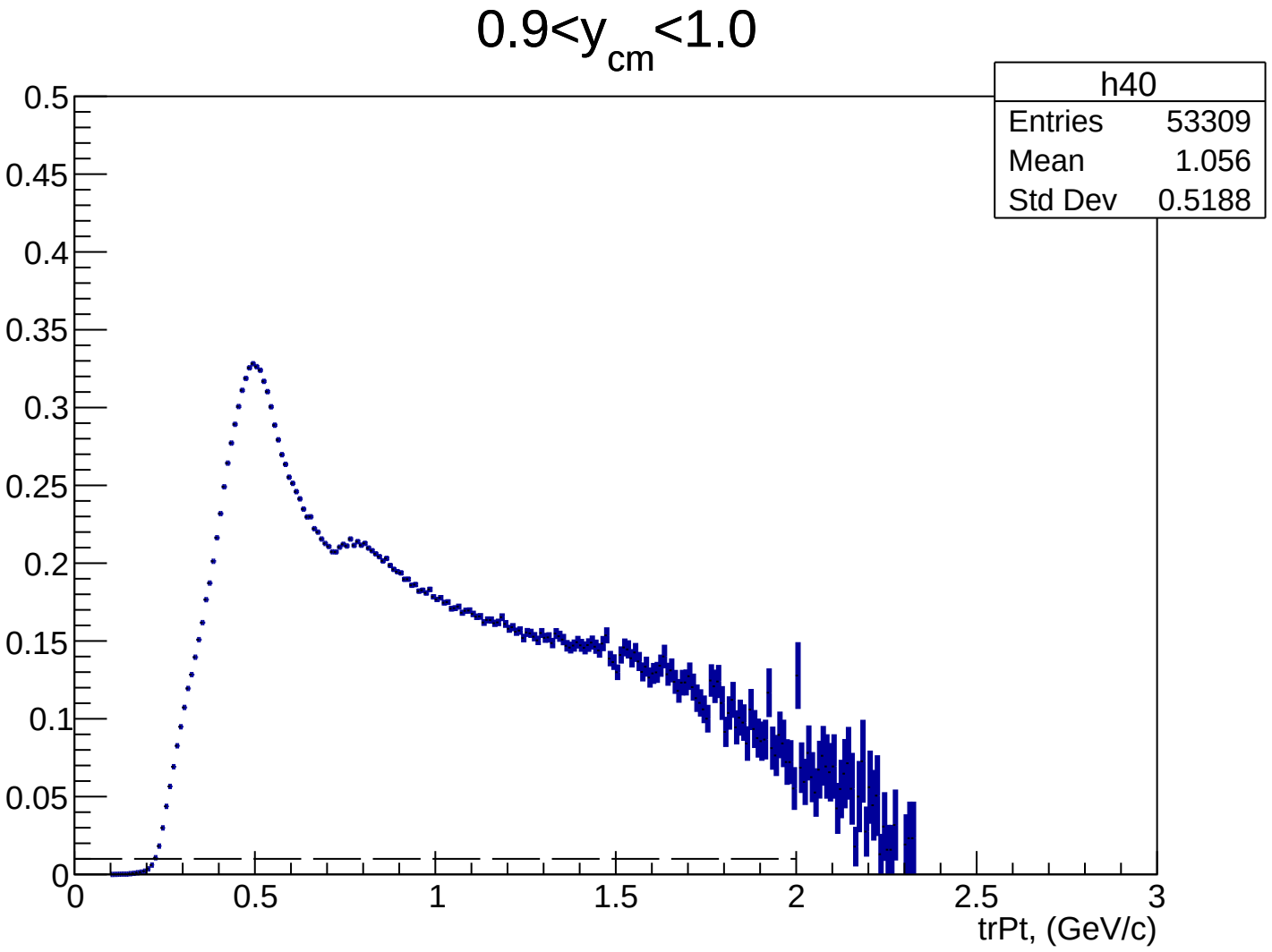

0.4<y_cm<0.5
h35
Entries 60520
Mean 0.7456
Std Dev 0.5956
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

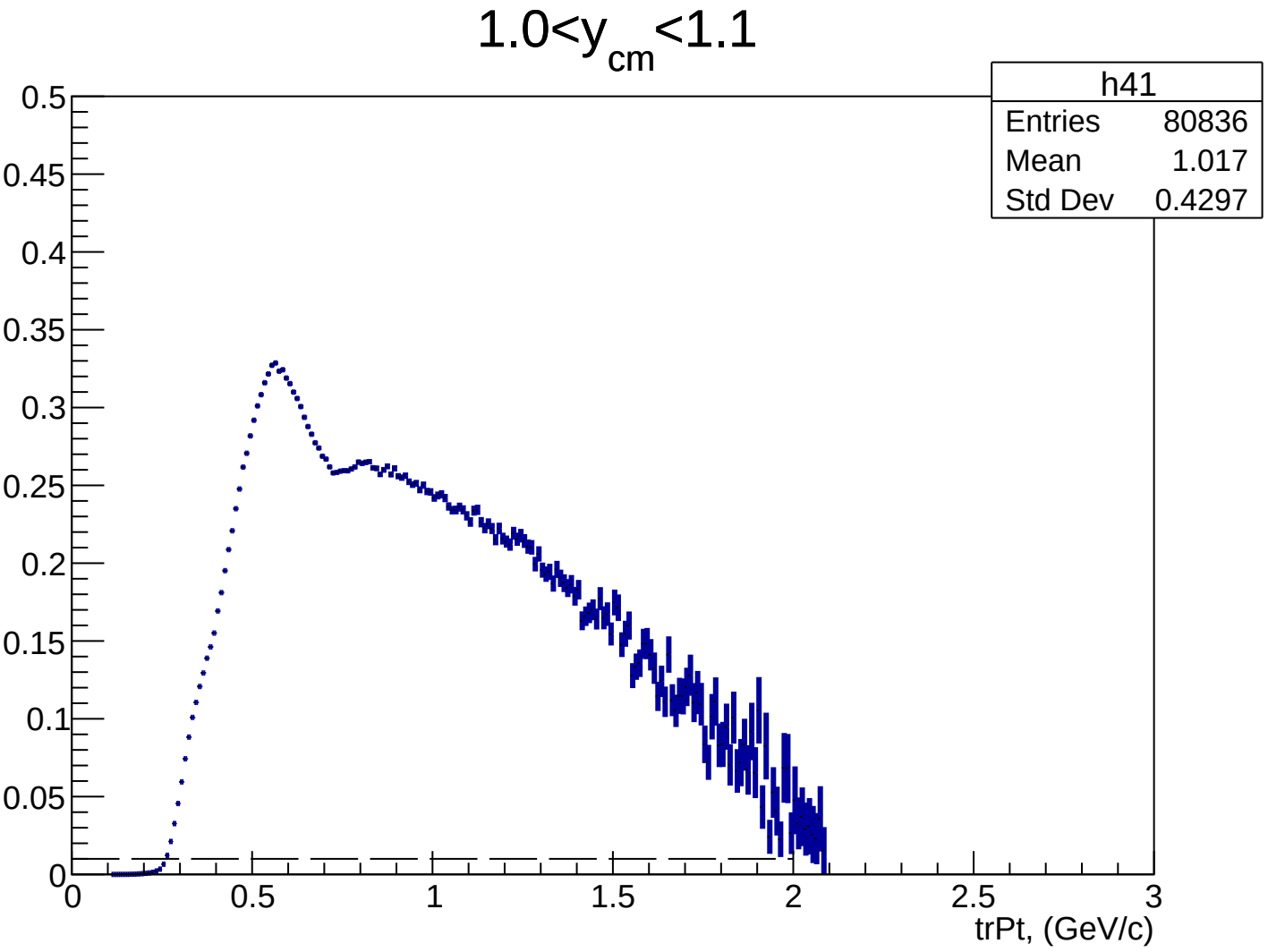

0.5<y_cm<0.6
h36
Entries 20175
Mean 1.106
Std Dev 0.7811
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

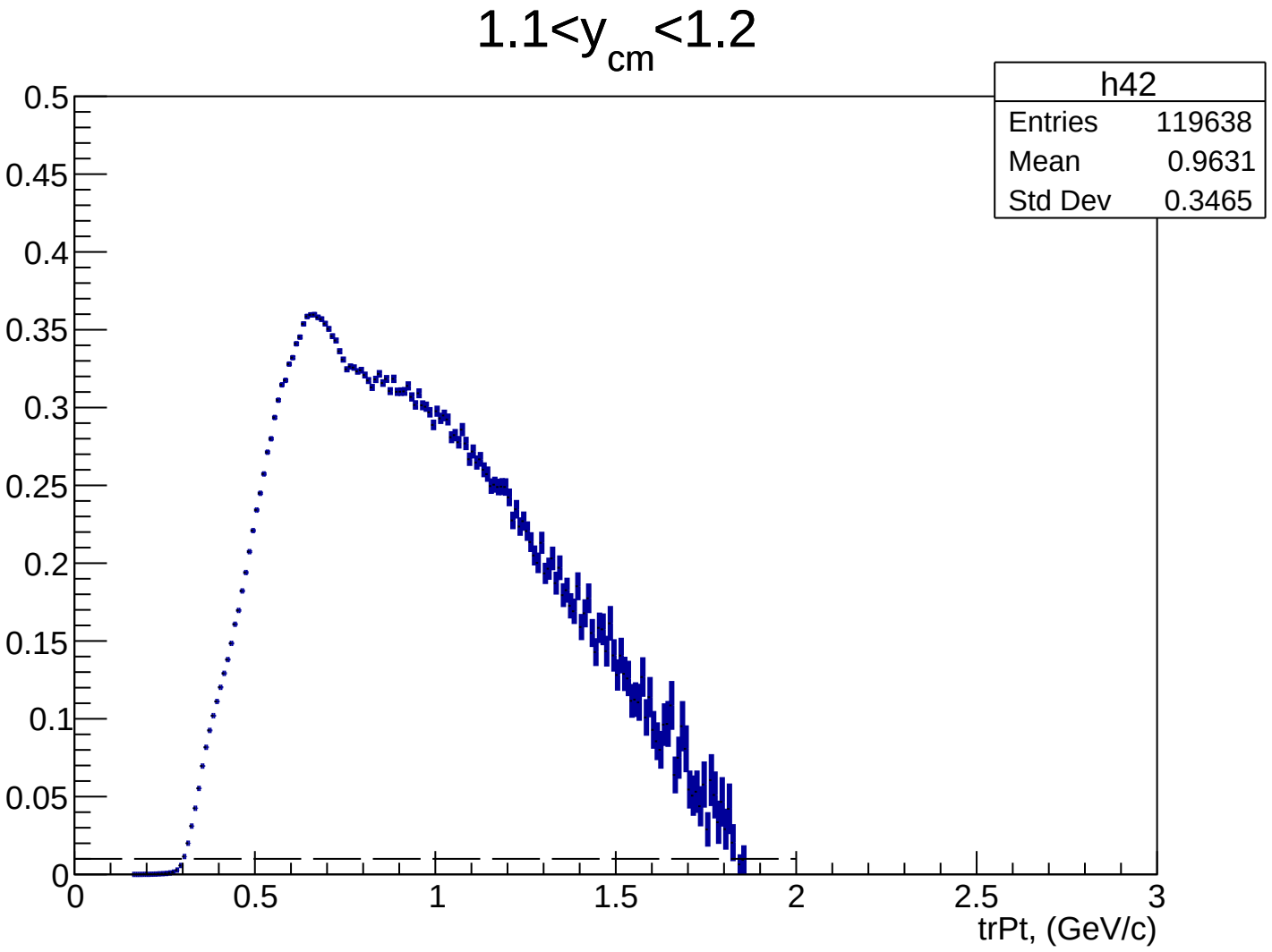

0.6<y_cm<0.7
h37
Entries 5021
Mean 1.456
Std Dev 0.8614
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

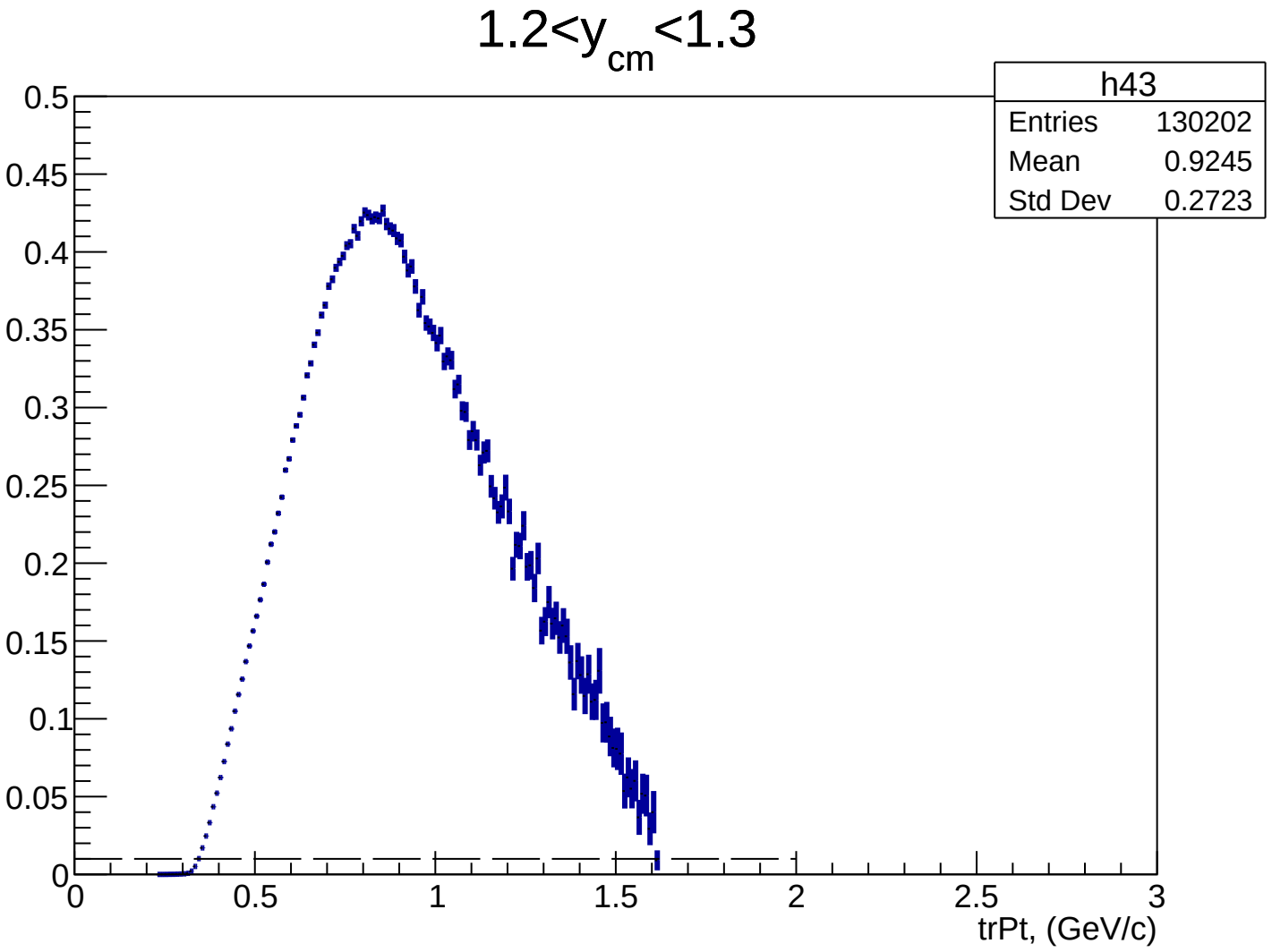

0.7<y_cm<0.8
h38
Entries 6150
Mean 1.428
Std Dev 0.7767
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

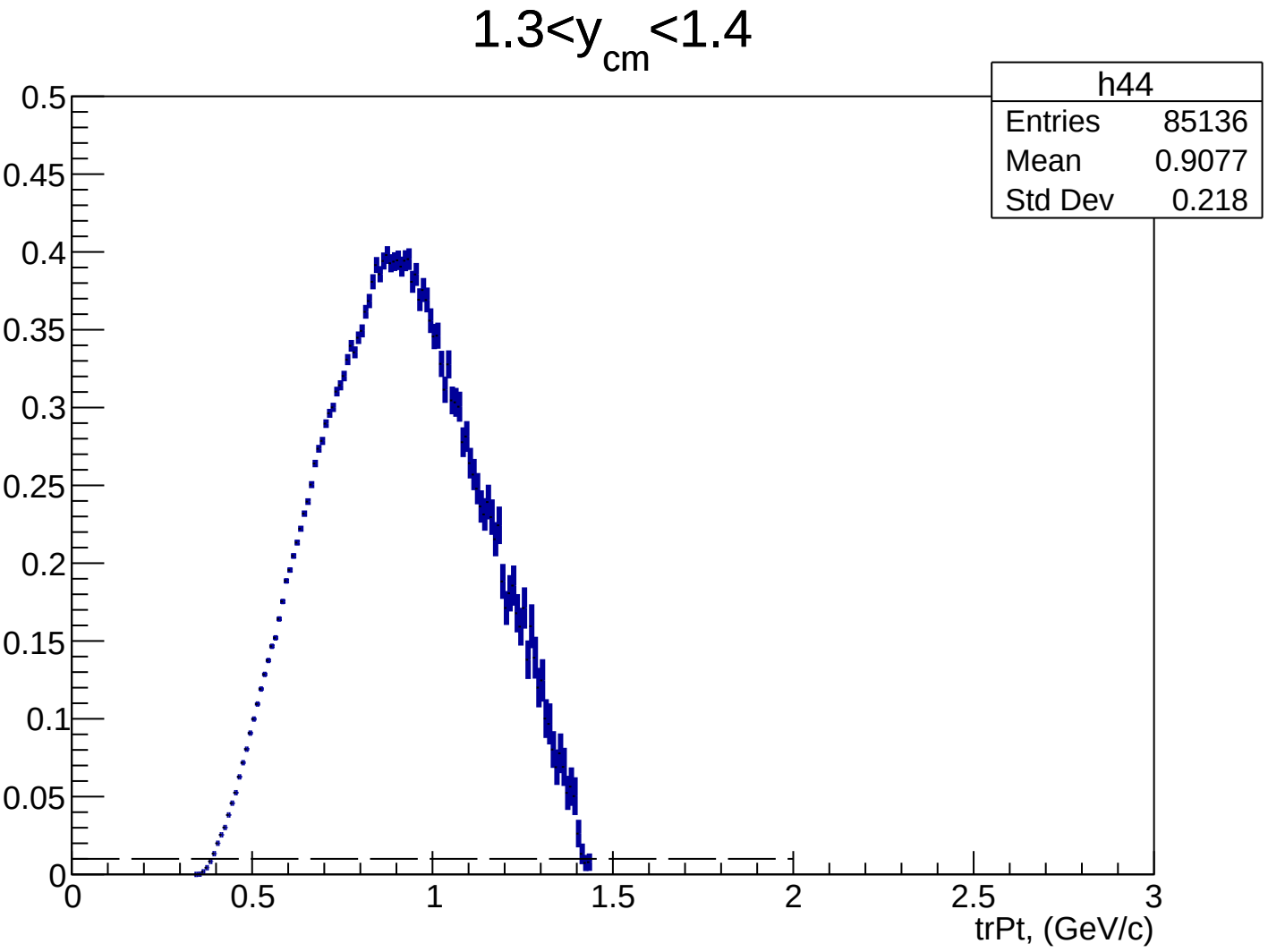

0.8<y_cm<0.9
h39
Entries 18102
Mean 1.212
Std Dev 0.6547
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

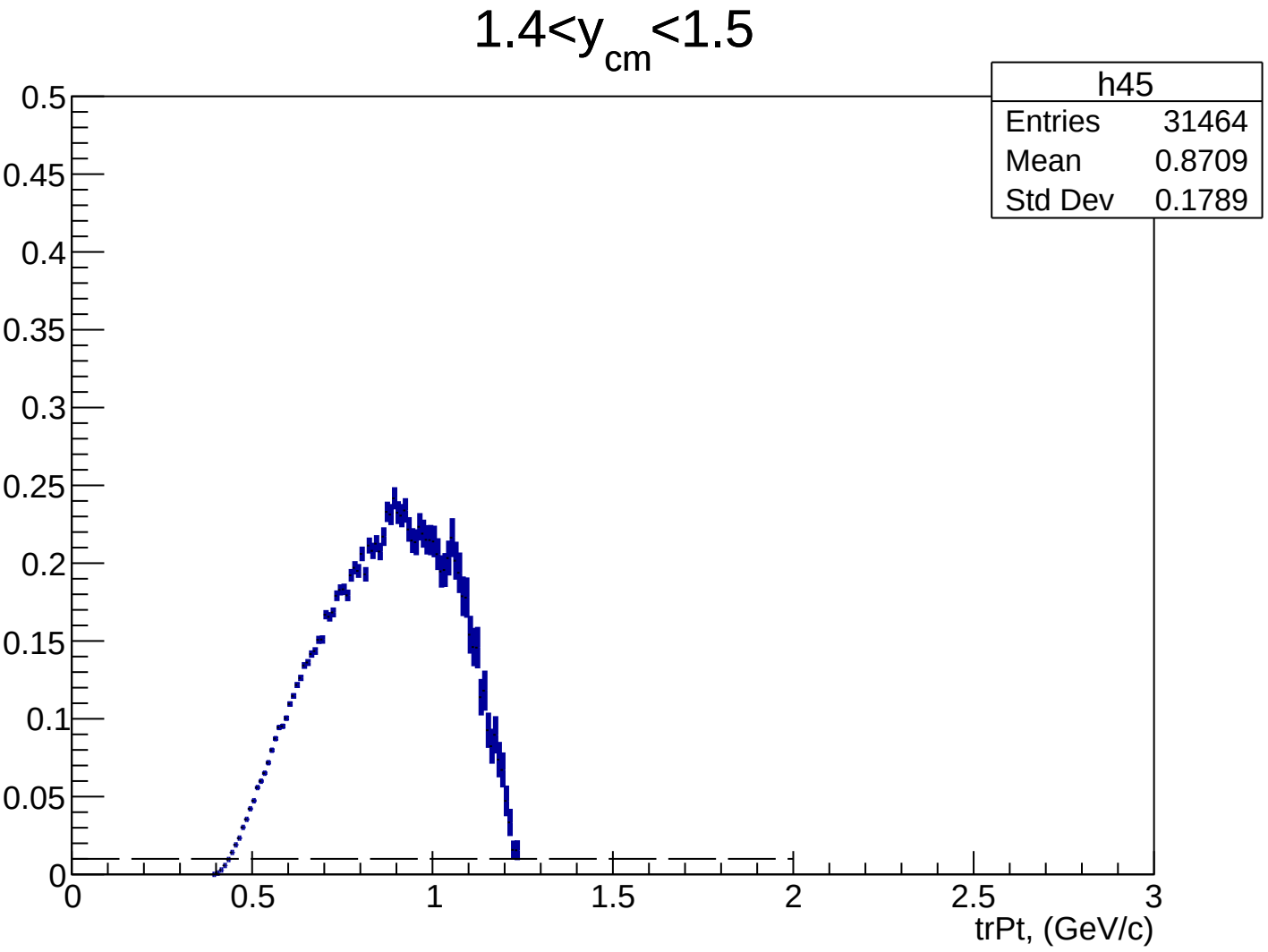

0.9<y_cm<1.0
h40
Entries 53309
Mean 1.056
Std Dev 0.5188
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

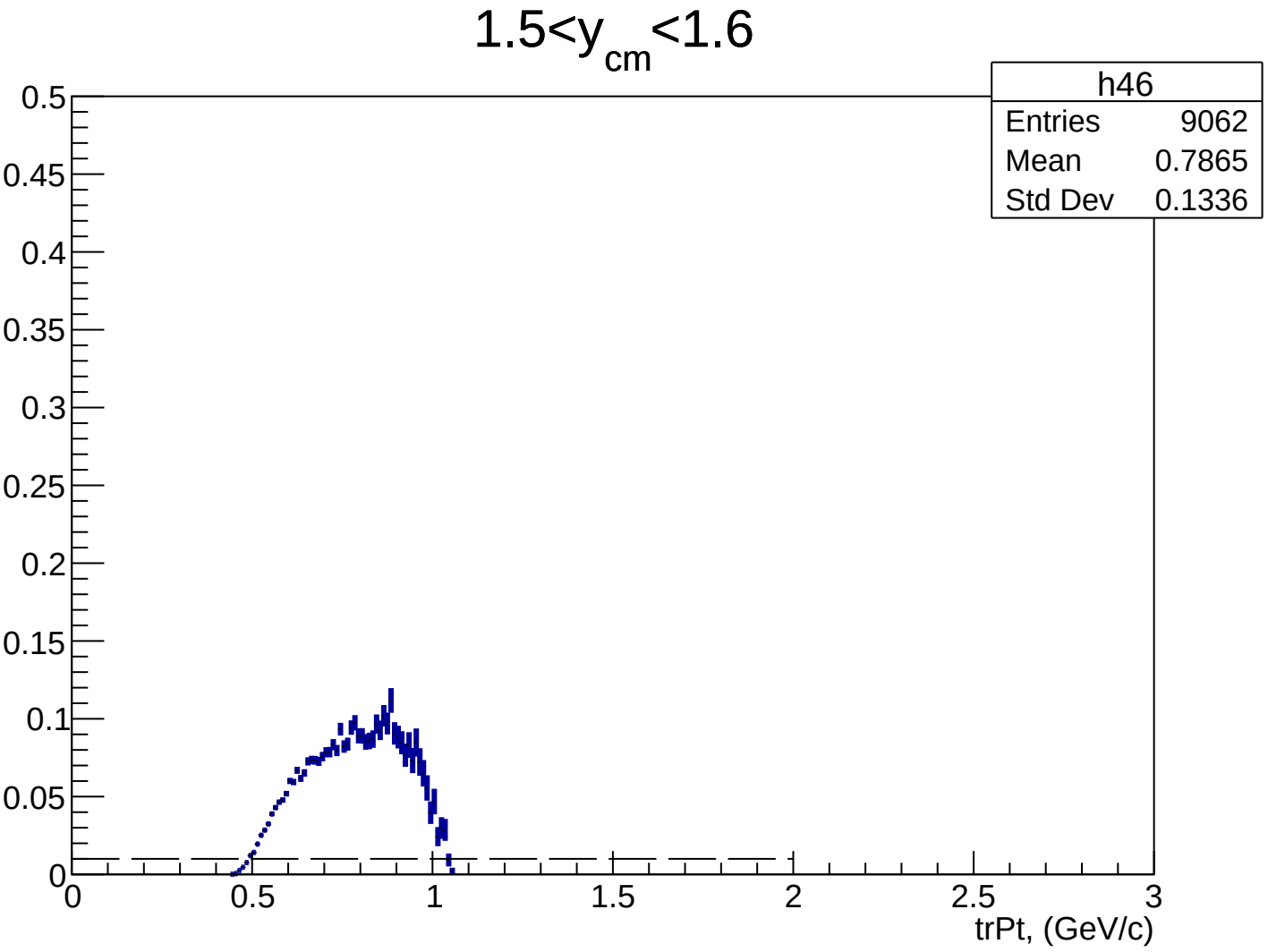

1.0<y_cm<1.1
h41
Entries 80836
Mean 1.017
Std Dev 0.4297
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

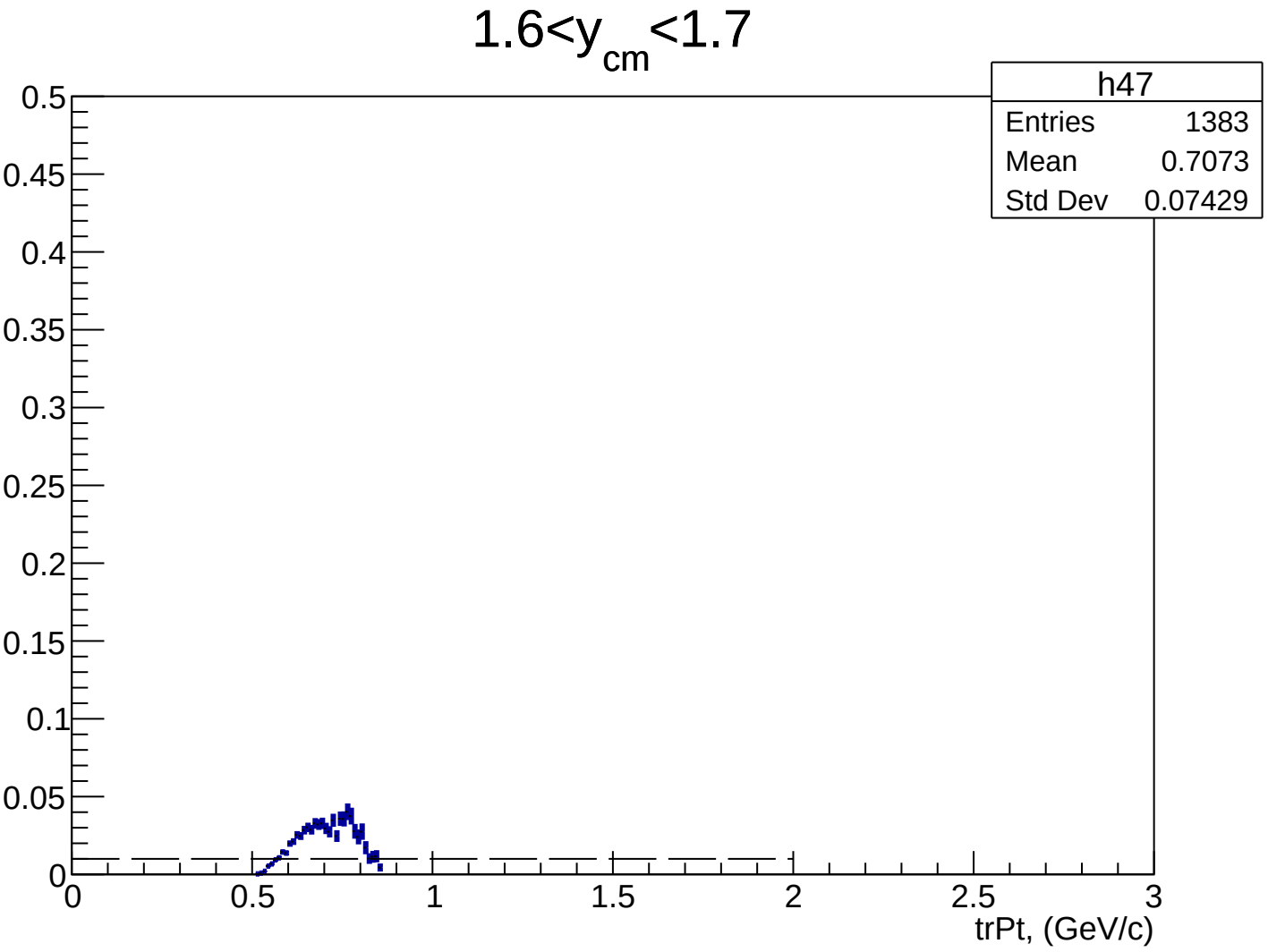

1.1<y_cm<1.2
h42
Entries 119638
Mean 0.9631
Std Dev 0.3465
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

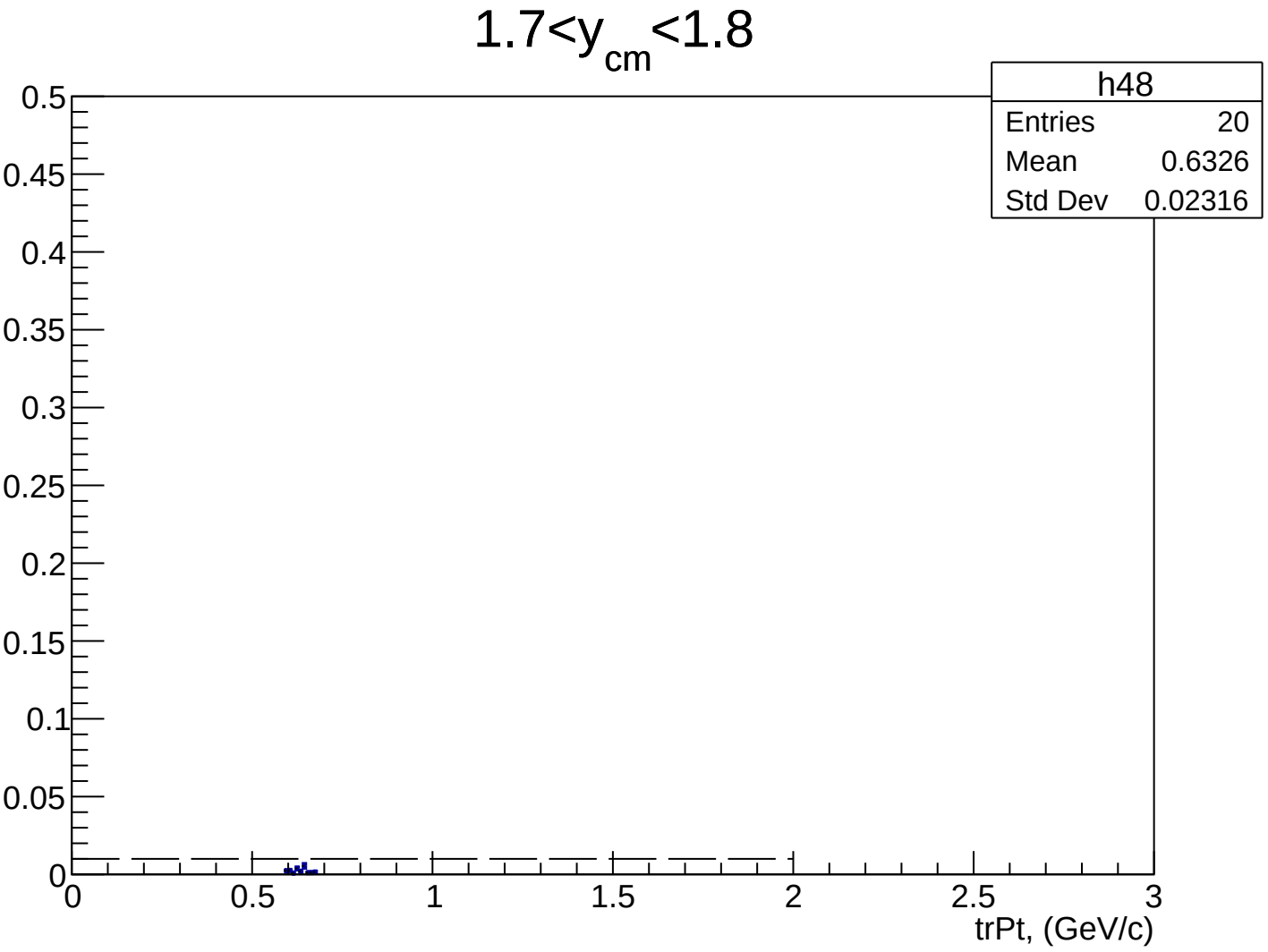

1.2<y_cm<1.3
h43
Entries 130202
Mean 0.9245
Std Dev 0.2723
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

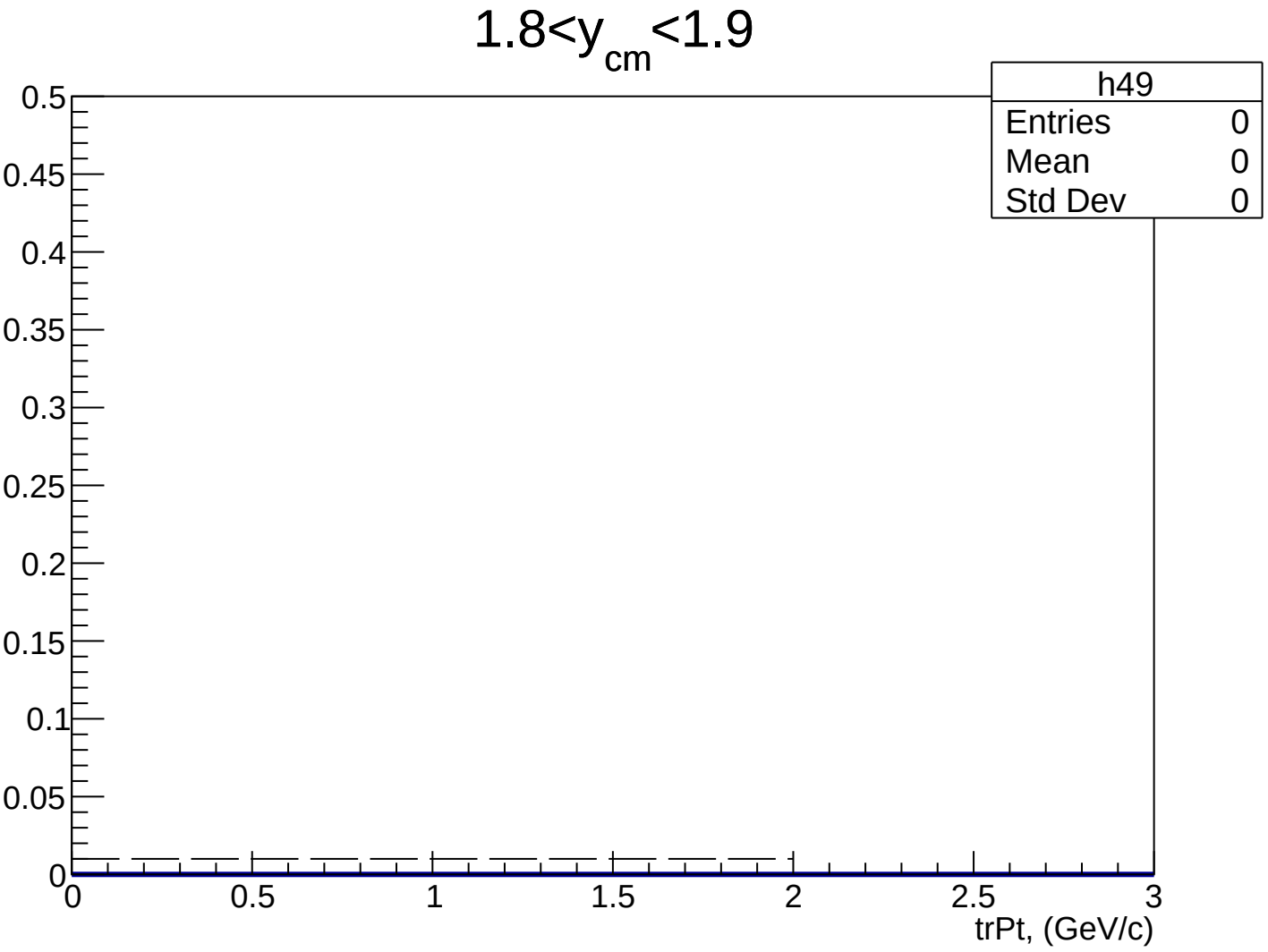

1.3<y_cm<1.4
h44
Entries 85136
Mean 0.9077
Std Dev 0.218
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)

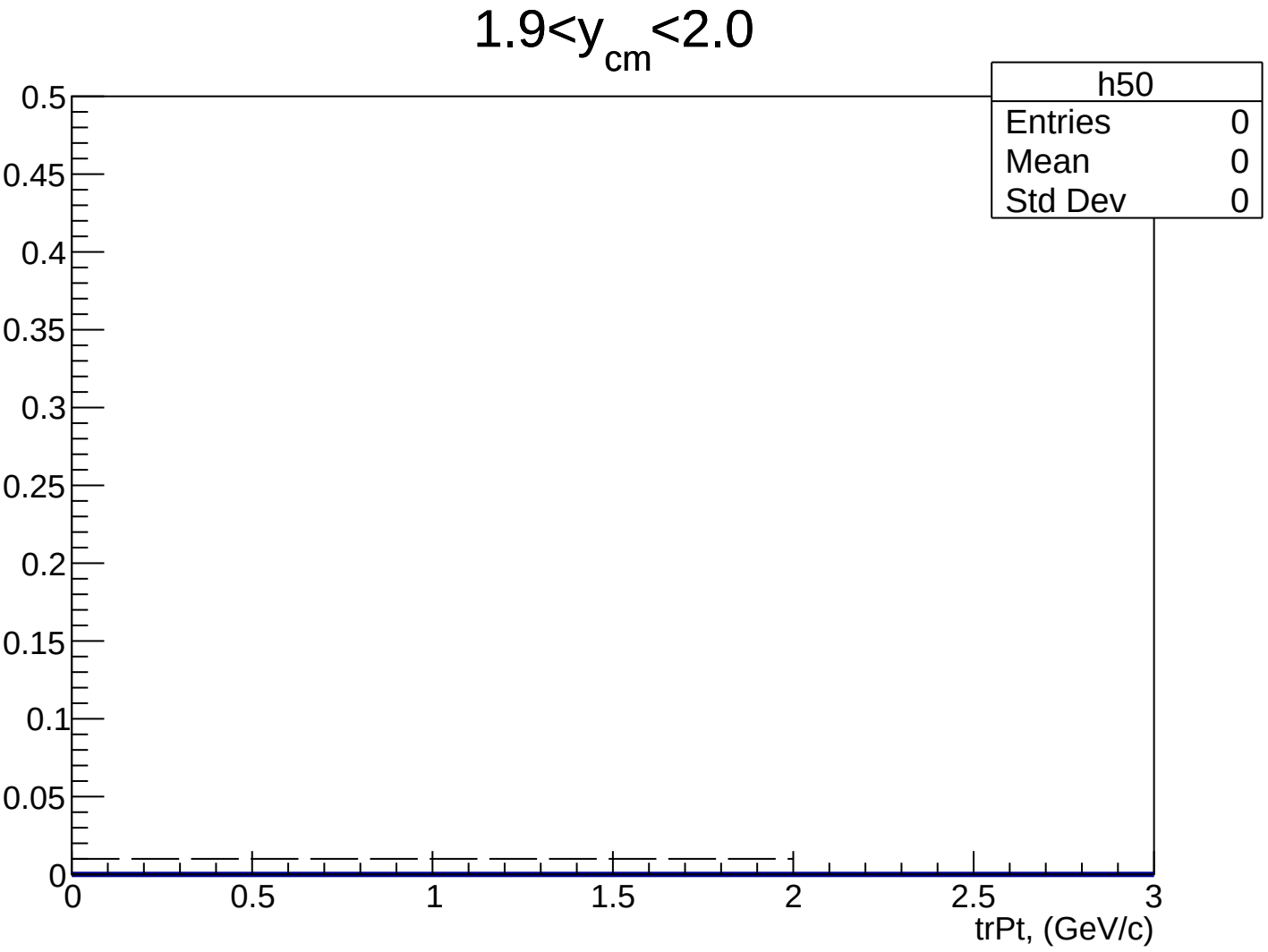

1.4<y_cm<1.5
h45
Entries 31464
Mean 0.8709
Std Dev 0.1789
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)


1.5<y_cm<1.6
h46
Entries 9062
Mean 0.7865
Std Dev 0.1336
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)


1.6<y_cm<1.7
h47
Entries 1383
Mean 0.7073
Std Dev 0.07429
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)


1.7<y_cm<1.8
h48
Entries 20
Mean 0.6326
Std Dev 0.02316
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)


1.8<y_cm<1.9
h49
Entries 0
Mean 0
Std Dev 0
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)


1.9<y_cm<2.0
h50
Entries 0
Mean 0
Std Dev 0
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
trPt, (GeV/c)