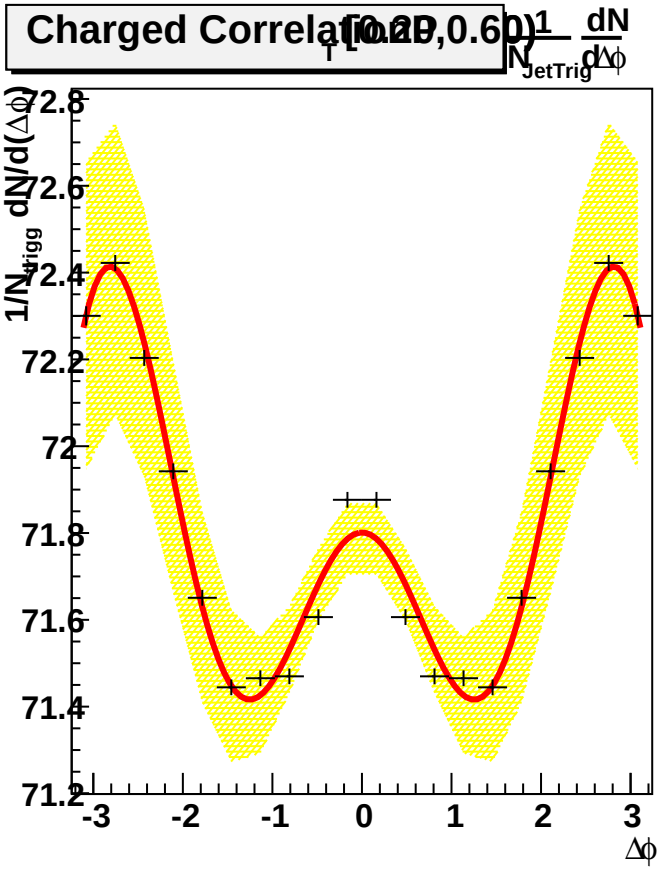
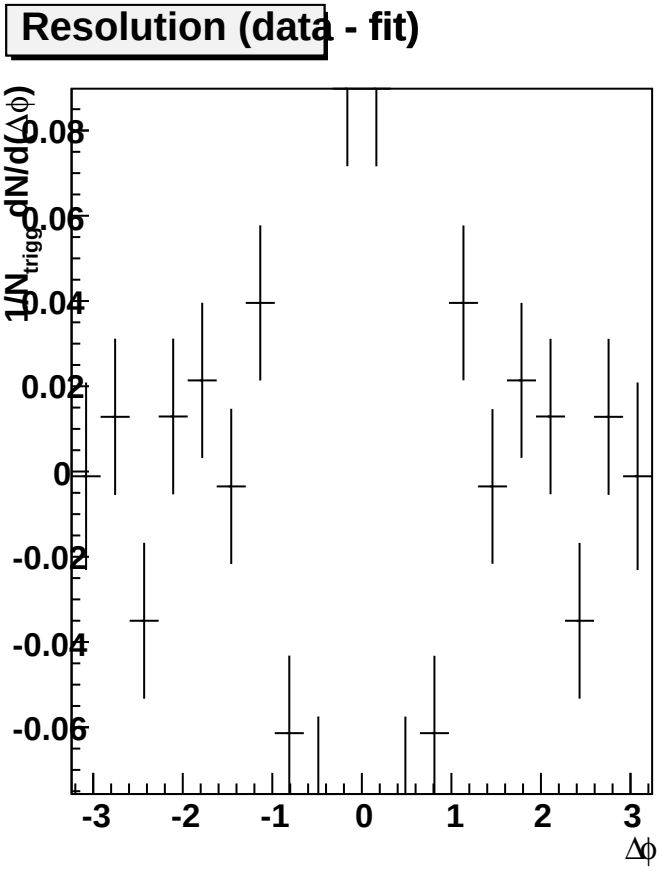
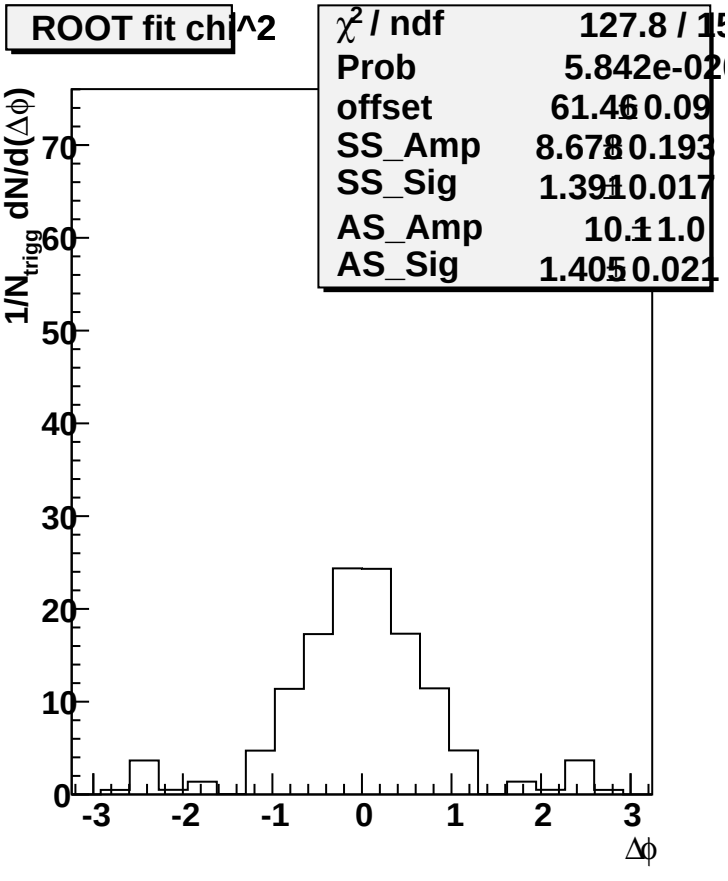
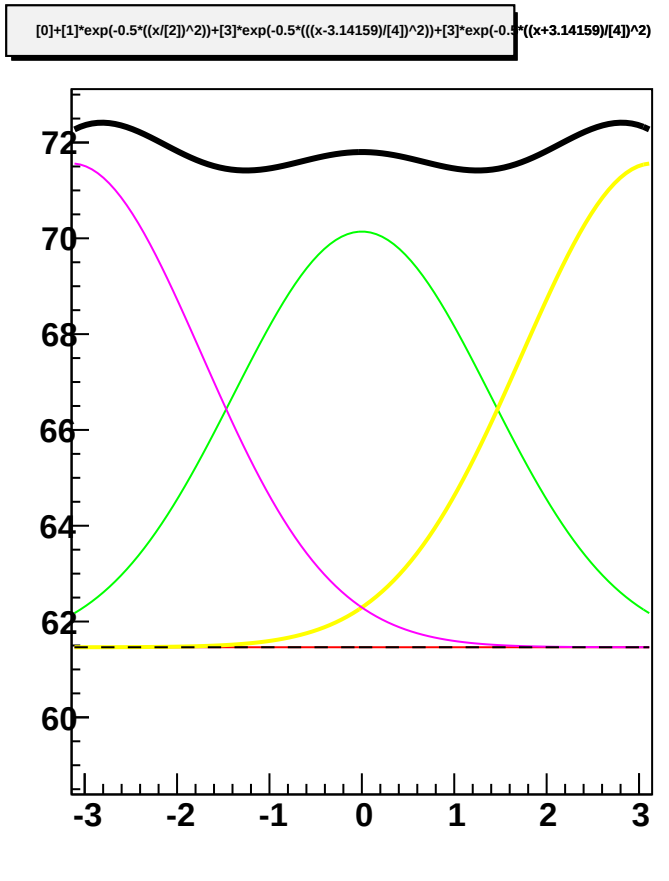
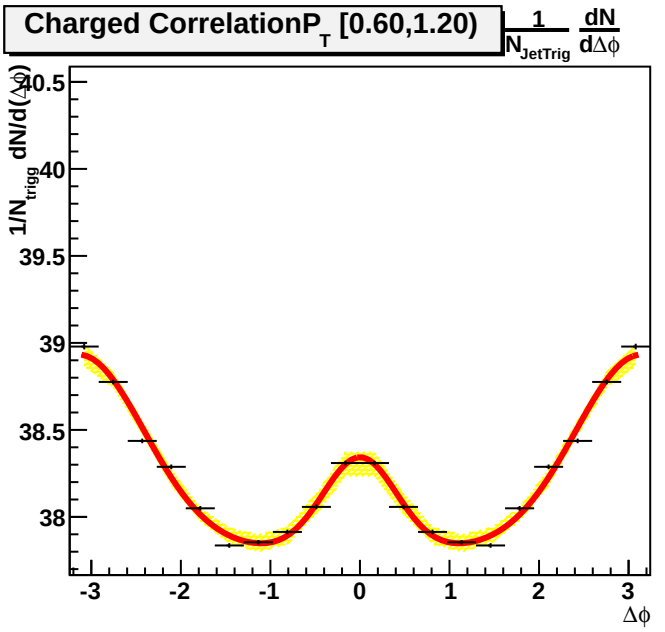
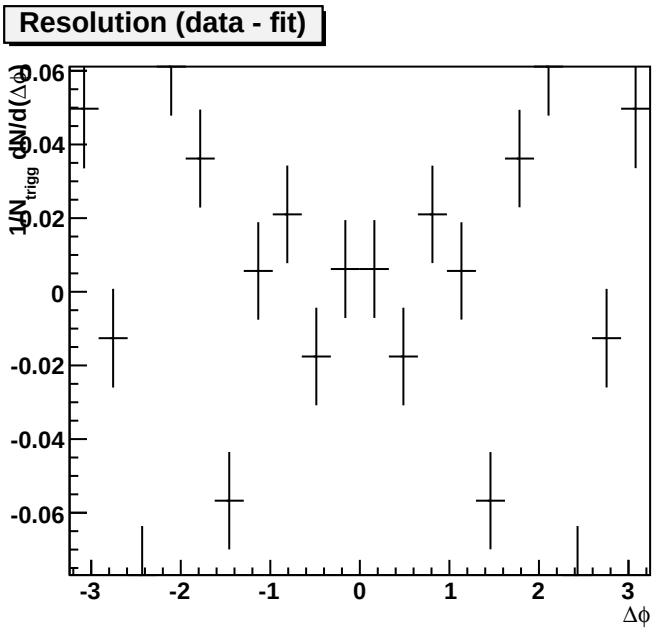

Charged Correlation [0.25,0.60]
$\frac{1}{N_{JetTrig}}\frac{dN}{d\Delta\phi}$
1/N_trigg dN/d(Δφ)
Δφ

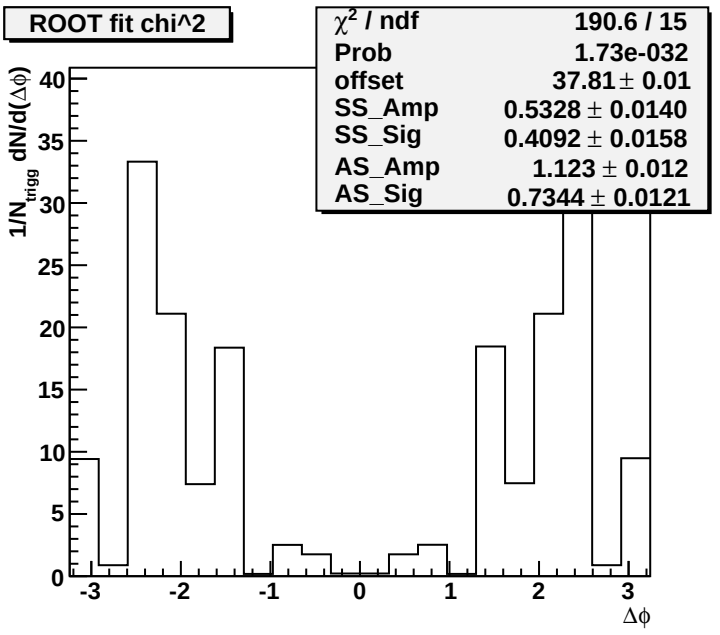

Resolution (data - fit)
1/N_trigg dN/d(Δφ)
Δφ

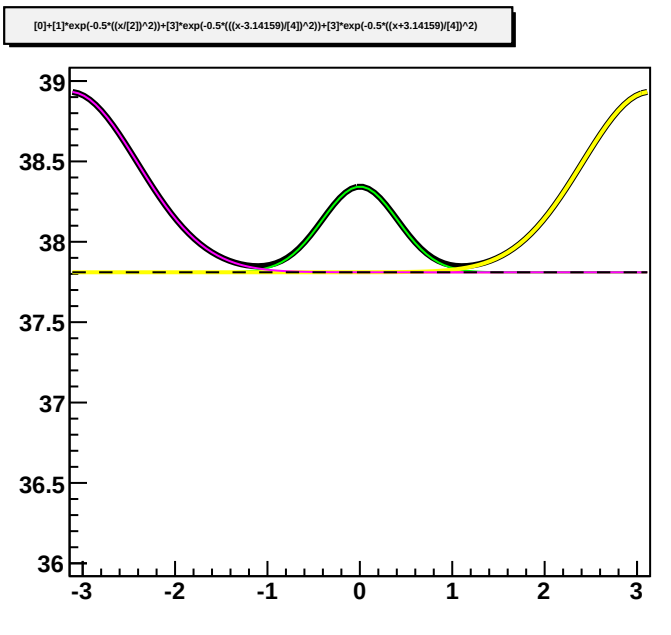

ROOT fit chi^2
χ² / ndf 127.8 / 1
Prob 5.842e-02
offset 61.46 ± 0.09
SS_Amp 8.678 ± 0.193
SS_Sig 1.391 ± 0.017
AS_Amp 10.1 ± 1.0
AS_Sig 1.405 ± 0.021
1/N_trigg dN/d(Δφ)
Δφ

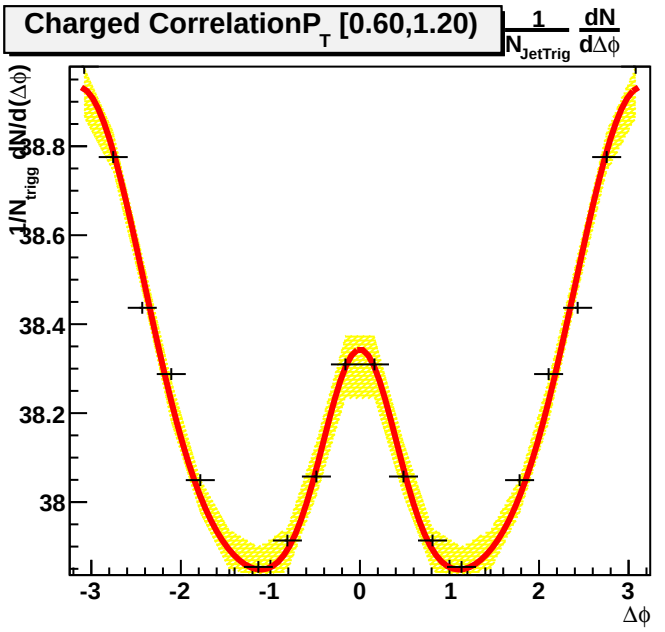

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

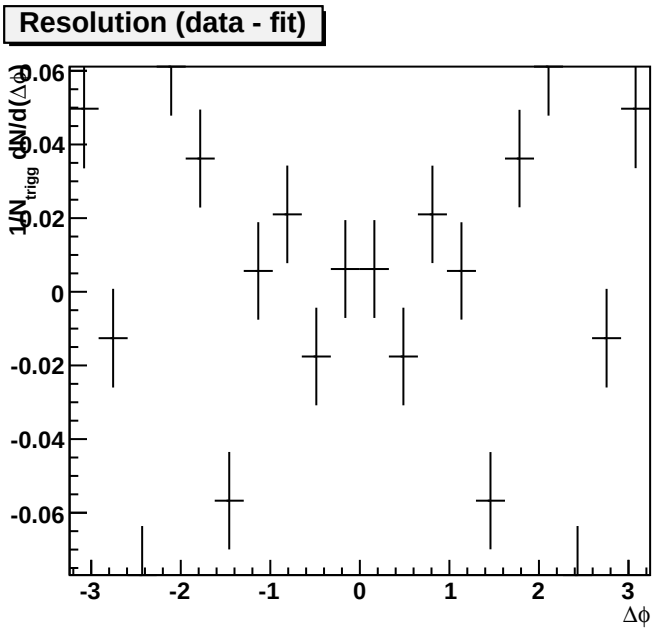

Charged CorrelationP_T [0.60,1.20)
1/N_JetTrig dN/dΔφ
1/N_trigg dN/d(Δφ)
Δφ

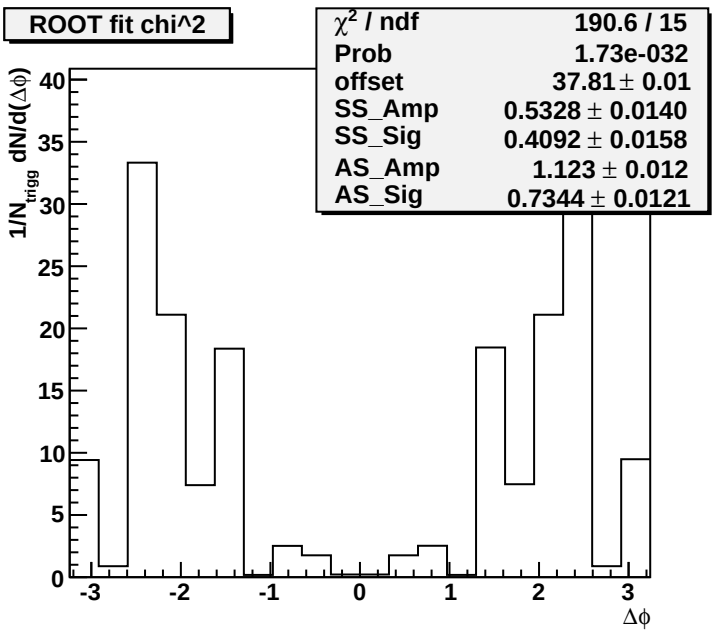

Resolution (data - fit)
1/N_trigg dN/d(Δφ)
Δφ

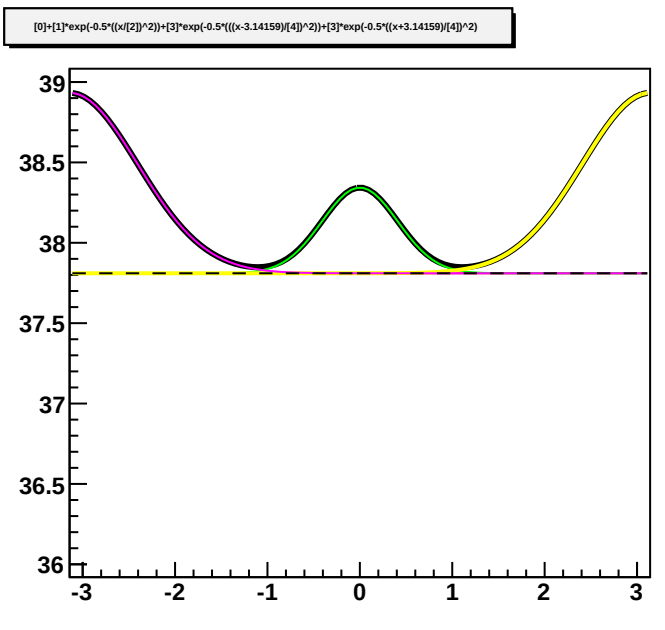

ROOT fit chi^2
χ² / ndf 190.6 / 15
Prob 1.73e-032
offset 37.81 ± 0.01
SS_Amp 0.5328 ± 0.0140
SS_Sig 0.4092 ± 0.0158
AS_Amp 1.123 ± 0.012
AS_Sig 0.7344 ± 0.0121
1/N_trigg dN/d(Δφ)
Δφ

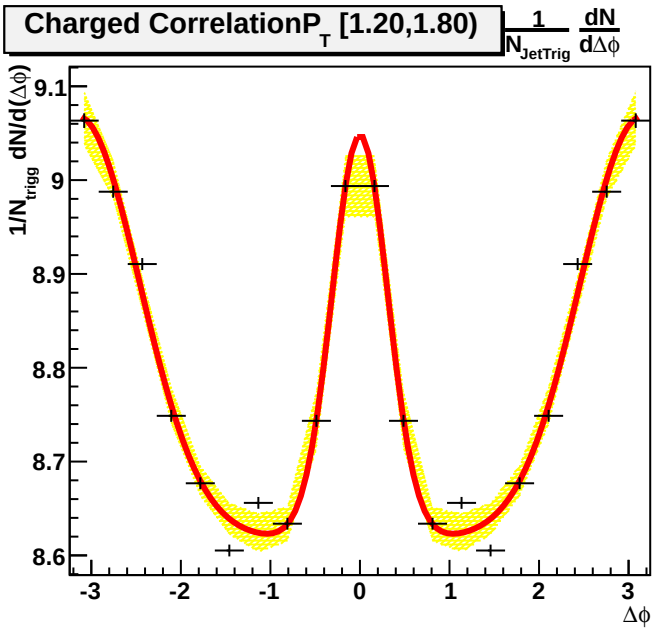

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

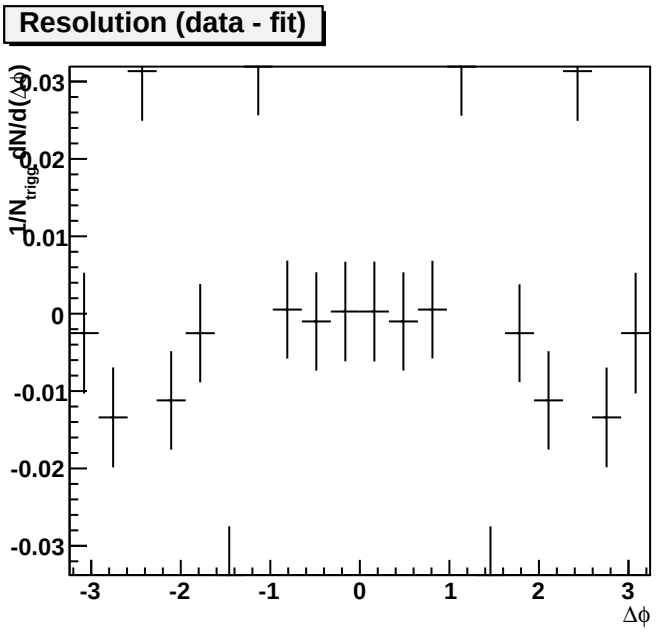

Charged CorrelationP_T [0.60,1.20)
1/N_JetTrig dN/dΔφ
1/N_trigg dN/d(Δφ)
38.8
38.6
38.4
38.2
38
-3
-2
-1
0
1
2
3
Δφ

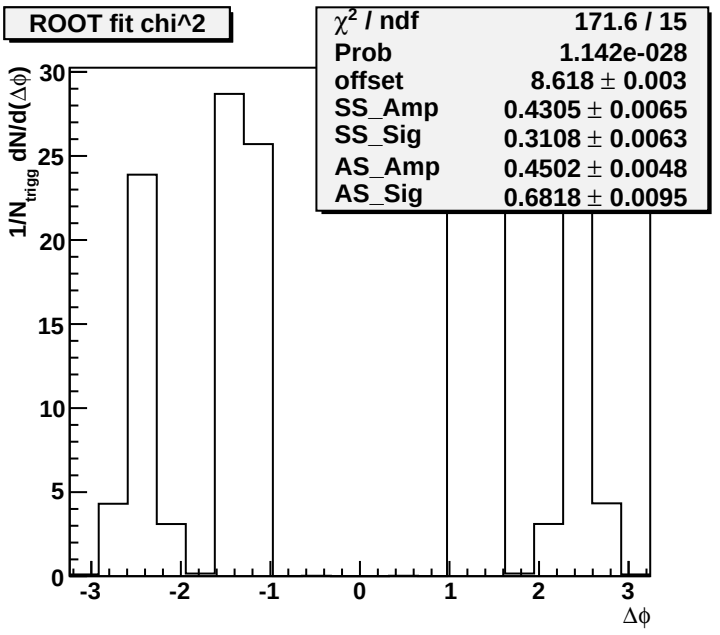

Resolution (data - fit)
1/N_trigg dN/d(Δφ)
0.06
0.04
0.02
0
-0.02
-0.04
-0.06
-3
-2
-1
0
1
2
3
Δφ

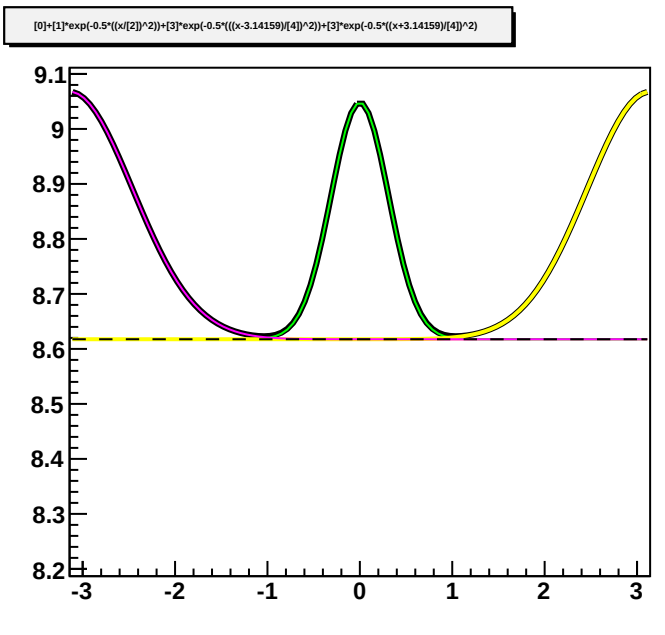

ROOT fit chi^2
χ² / ndf 190.6 / 15
Prob 1.73e-032
offset 37.81 ± 0.01
SS_Amp 0.5328 ± 0.0140
SS_Sig 0.4092 ± 0.0158
AS_Amp 1.123 ± 0.012
AS_Sig 0.7344 ± 0.0121
1/N_trigg dN/d(Δφ)
40
35
30
25
20
15
10
5
0
-3
-2
-1
0
1
2
3
Δφ

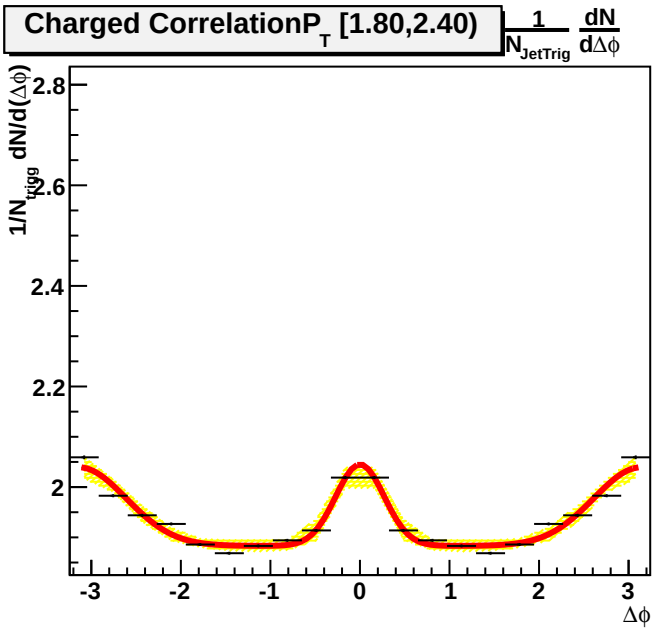

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)
39
38.5
38
37.5
37
36.5
36
-3
-2
-1
0
1
2
3

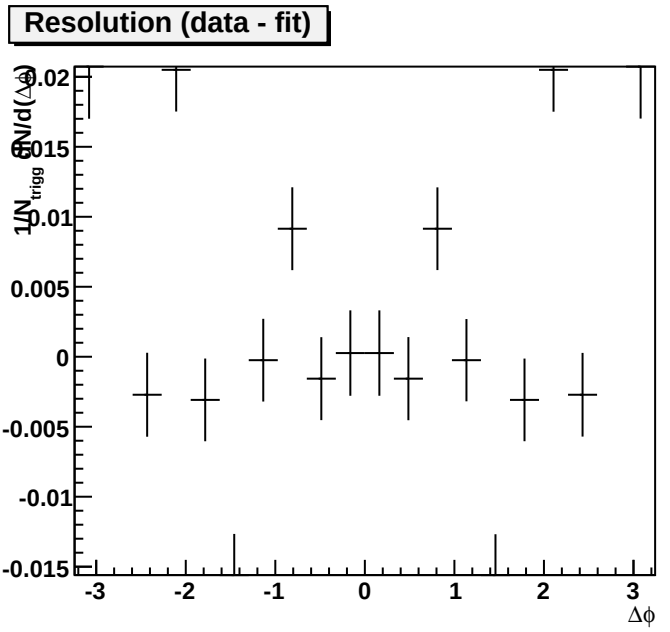

Charged CorrelationP_T [1.20,1.80)
1/N_JetTrig dN/dΔφ
1/N_trigg dN/d(Δφ)
Δφ

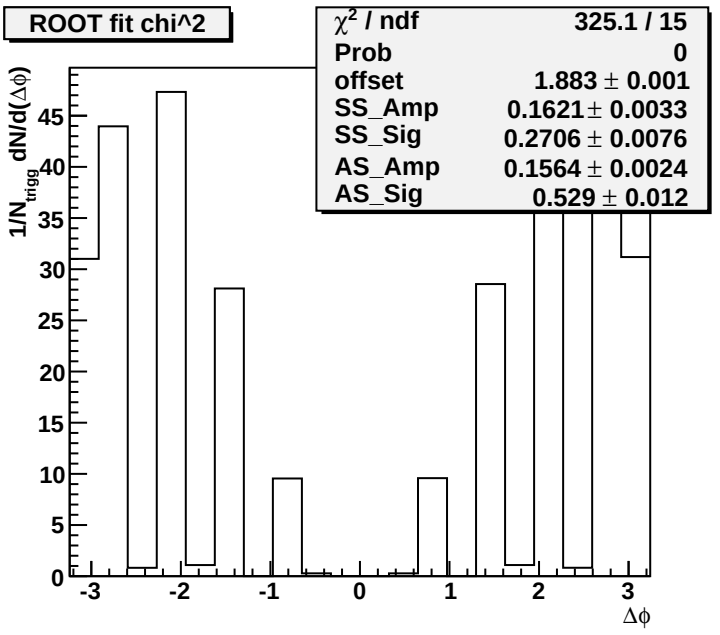

Resolution (data - fit)
1/N_trigg dN/d(Δφ)
Δφ

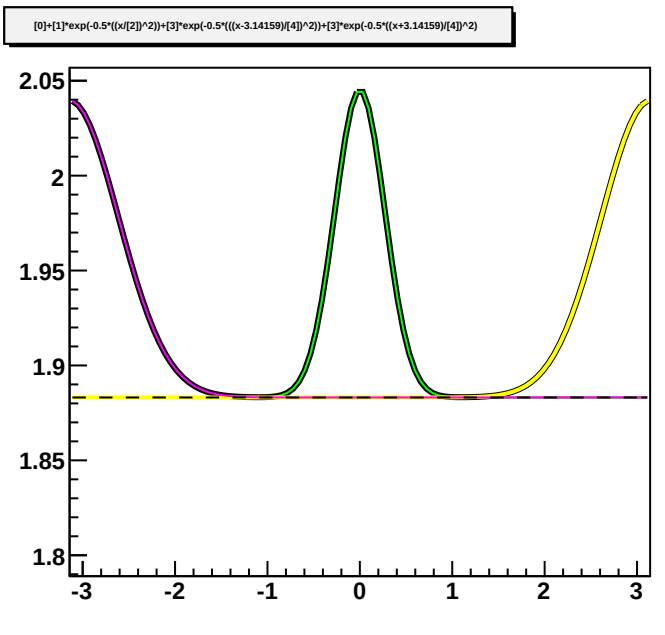

ROOT fit chi^2
χ² / ndf 171.6 / 15
Prob 1.142e-028
offset 8.618 ± 0.003
SS_Amp 0.4305 ± 0.0065
SS_Sig 0.3108 ± 0.0063
AS_Amp 0.4502 ± 0.0048
AS_Sig 0.6818 ± 0.0095
1/N_trigg dN/d(Δφ)
Δφ

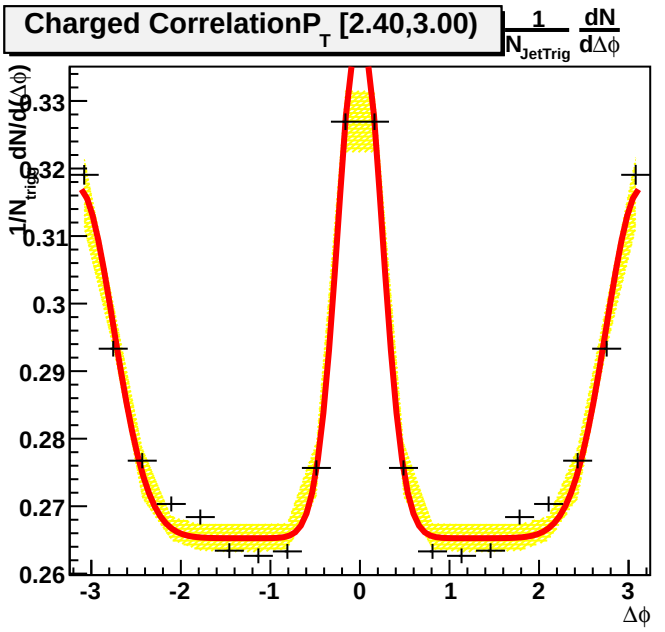

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

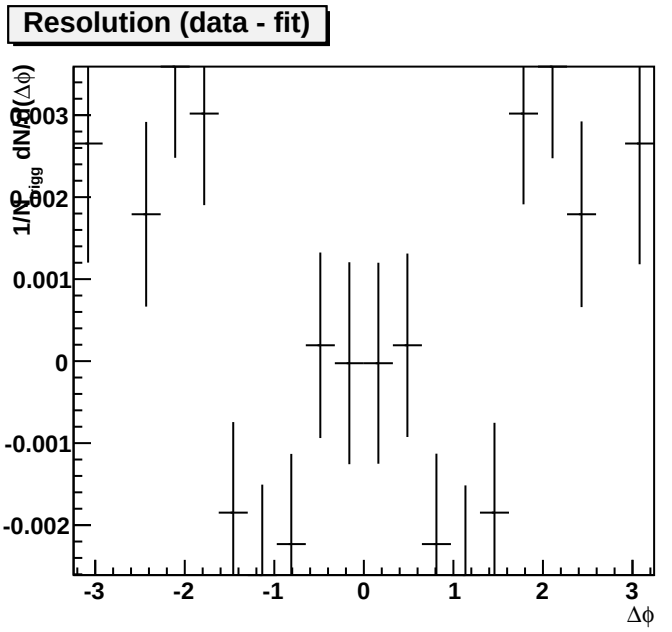

Charged CorrelationP_T [1.80,2.40)
1/N_JetTrig dN/dΔφ
1/N_trigg dN/d(Δφ)
Δφ

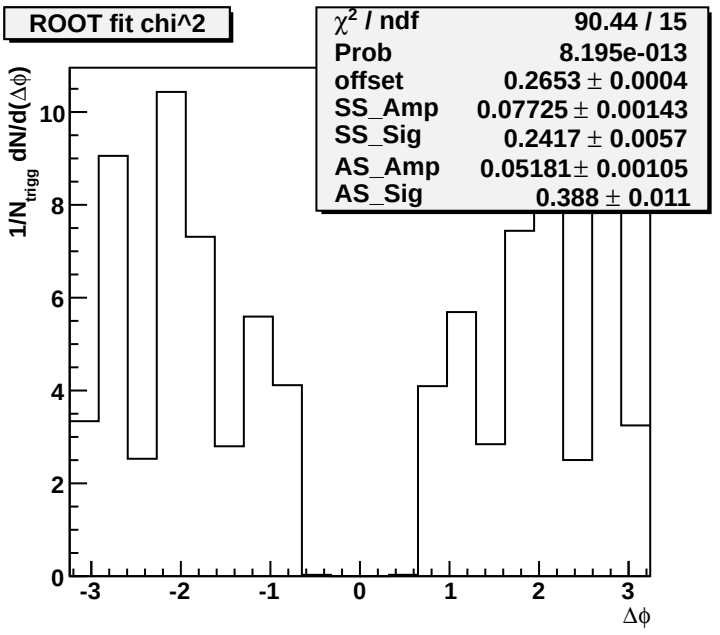

Resolution (data - fit)
1/N_trigg dN/d(Δφ)
Δφ

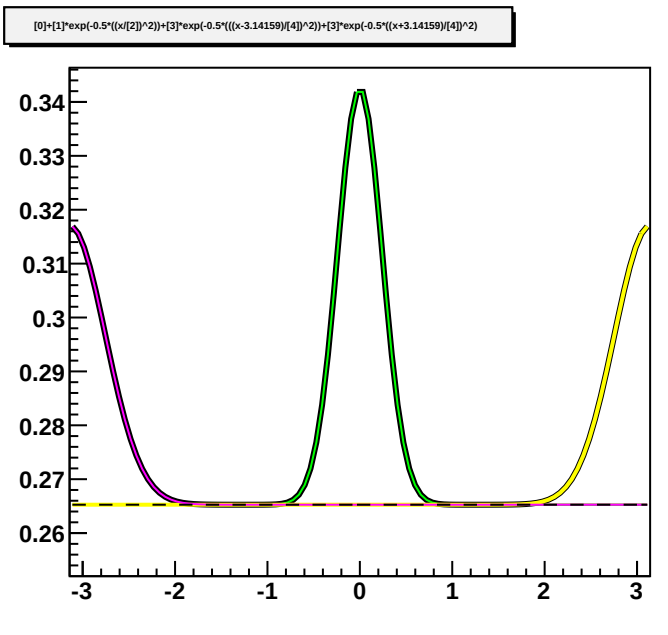

ROOT fit chi^2
χ² / ndf 325.1 / 15
Prob 0
offset 1.883 ± 0.001
SS_Amp 0.1621 ± 0.0033
SS_Sig 0.2706 ± 0.0076
AS_Amp 0.1564 ± 0.0024
AS_Sig 0.529 ± 0.012
1/N_trigg dN/d(Δφ)
Δφ


[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

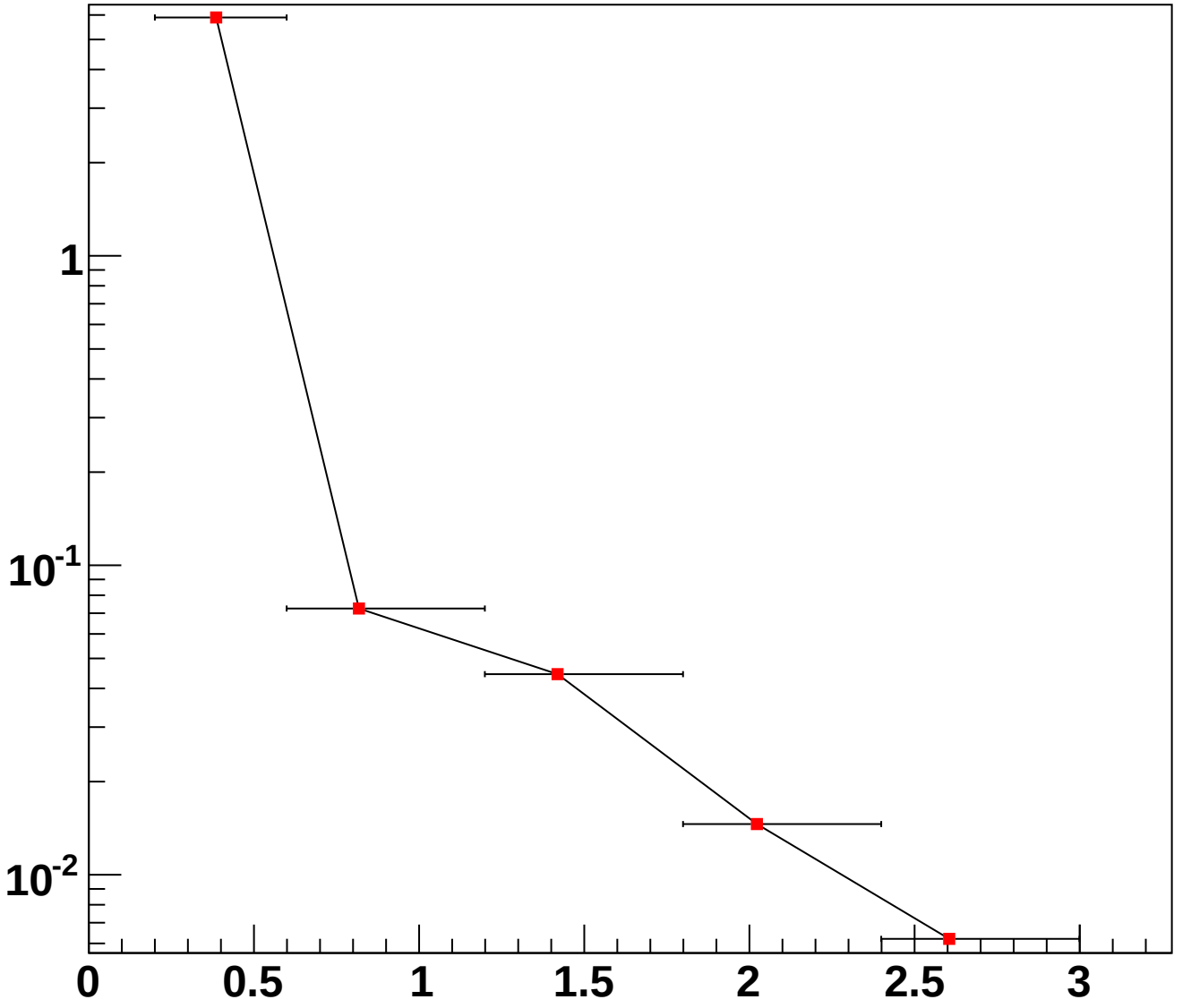

Charged CorrelationP_T [2.40,3.00)
1/N_JetTrig dN/dΔφ
1/N_trigg dN/d(Δφ)
Δφ


Resolution (data - fit)
1/N_trigg dN/d(Δφ)
Δφ

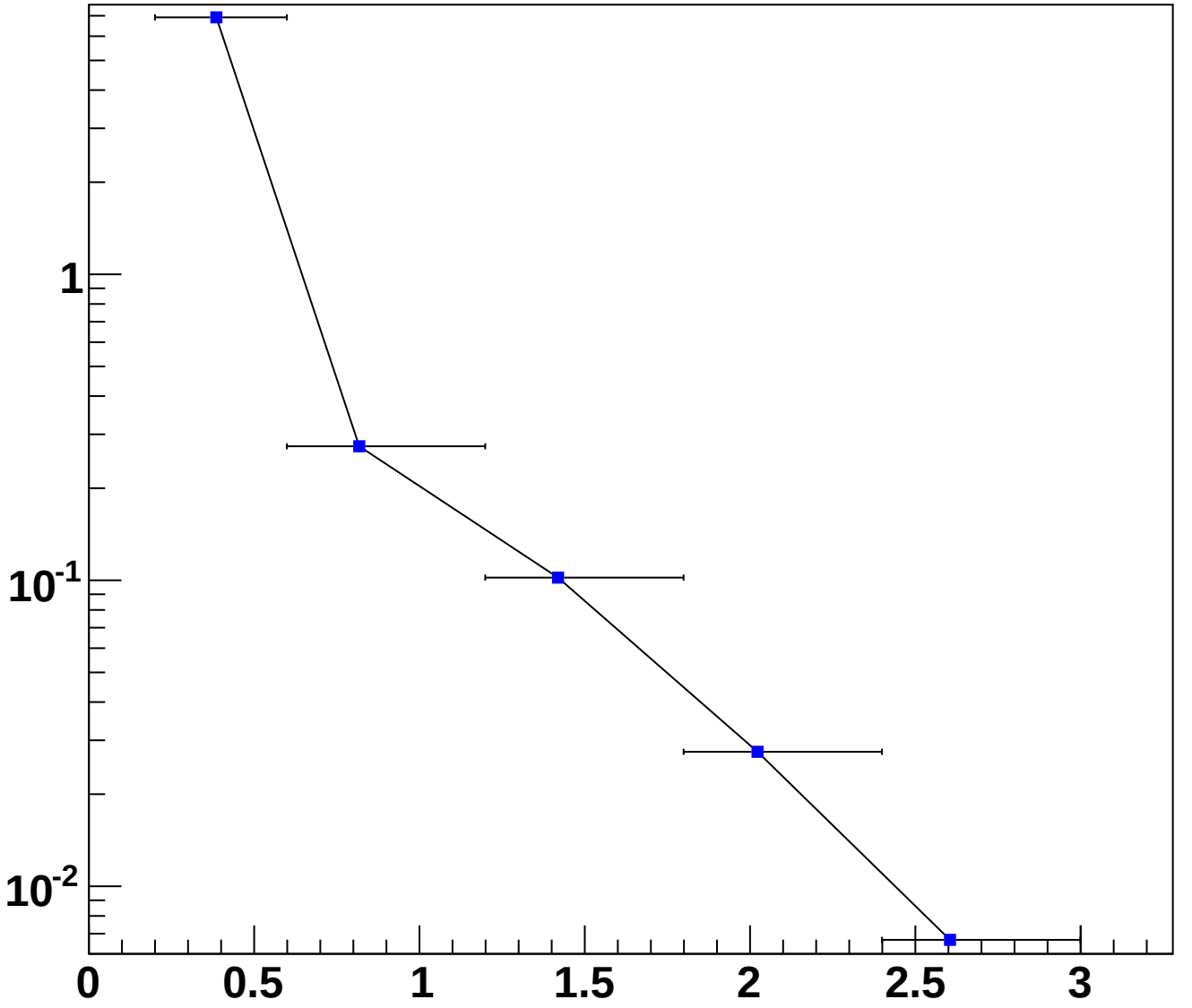

ROOT fit chi^2
χ² / ndf 90.44 / 15
Prob 8.195e-013
offset 0.2653 ± 0.0004
SS_Amp 0.07725 ± 0.00143
SS_Sig 0.2417 ± 0.0057
AS_Amp 0.05181 ± 0.00105
AS_Sig 0.388 ± 0.011
1/N_trigg dN/d(Δφ)
Δφ

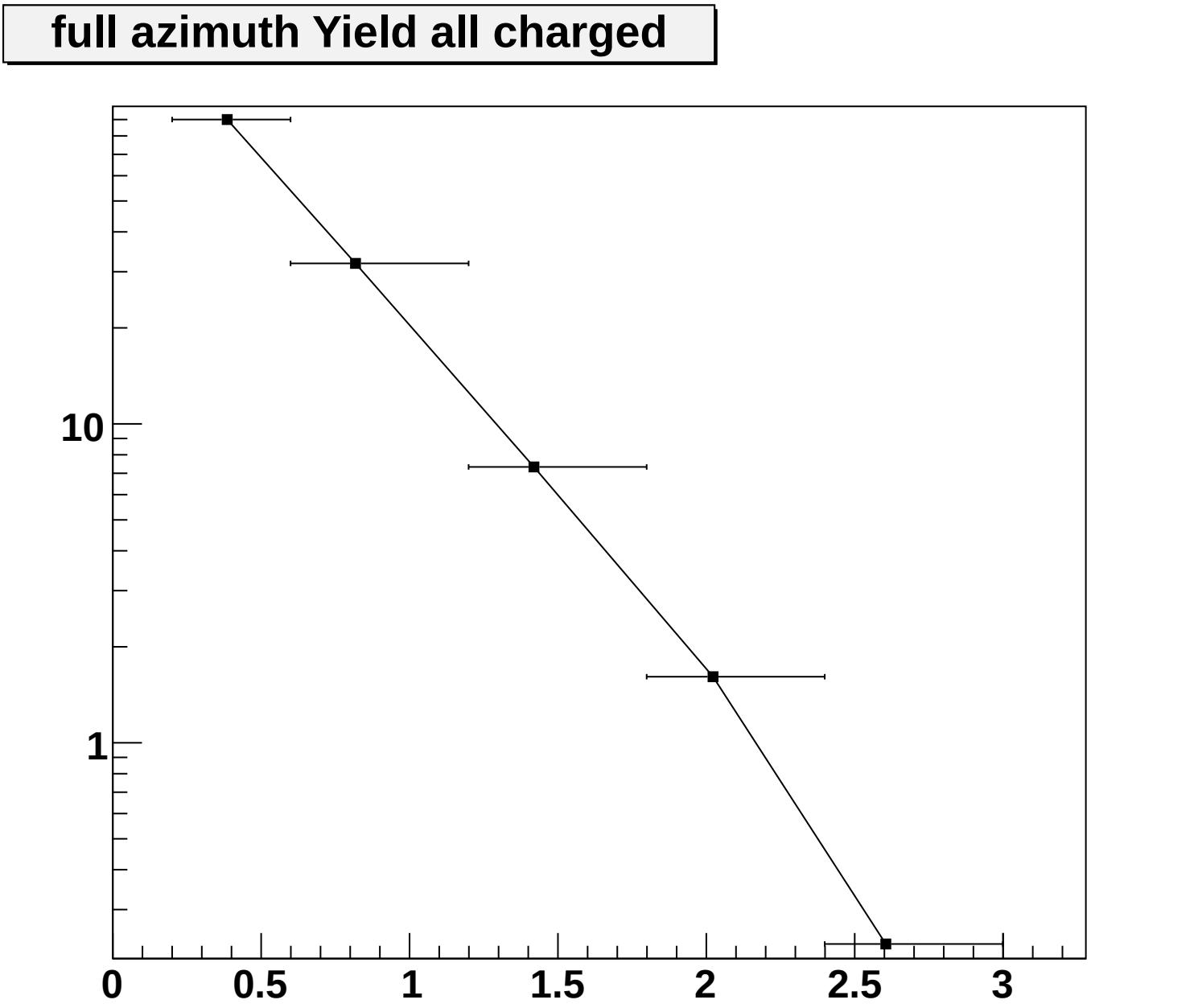

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

Same Side Yield all charged

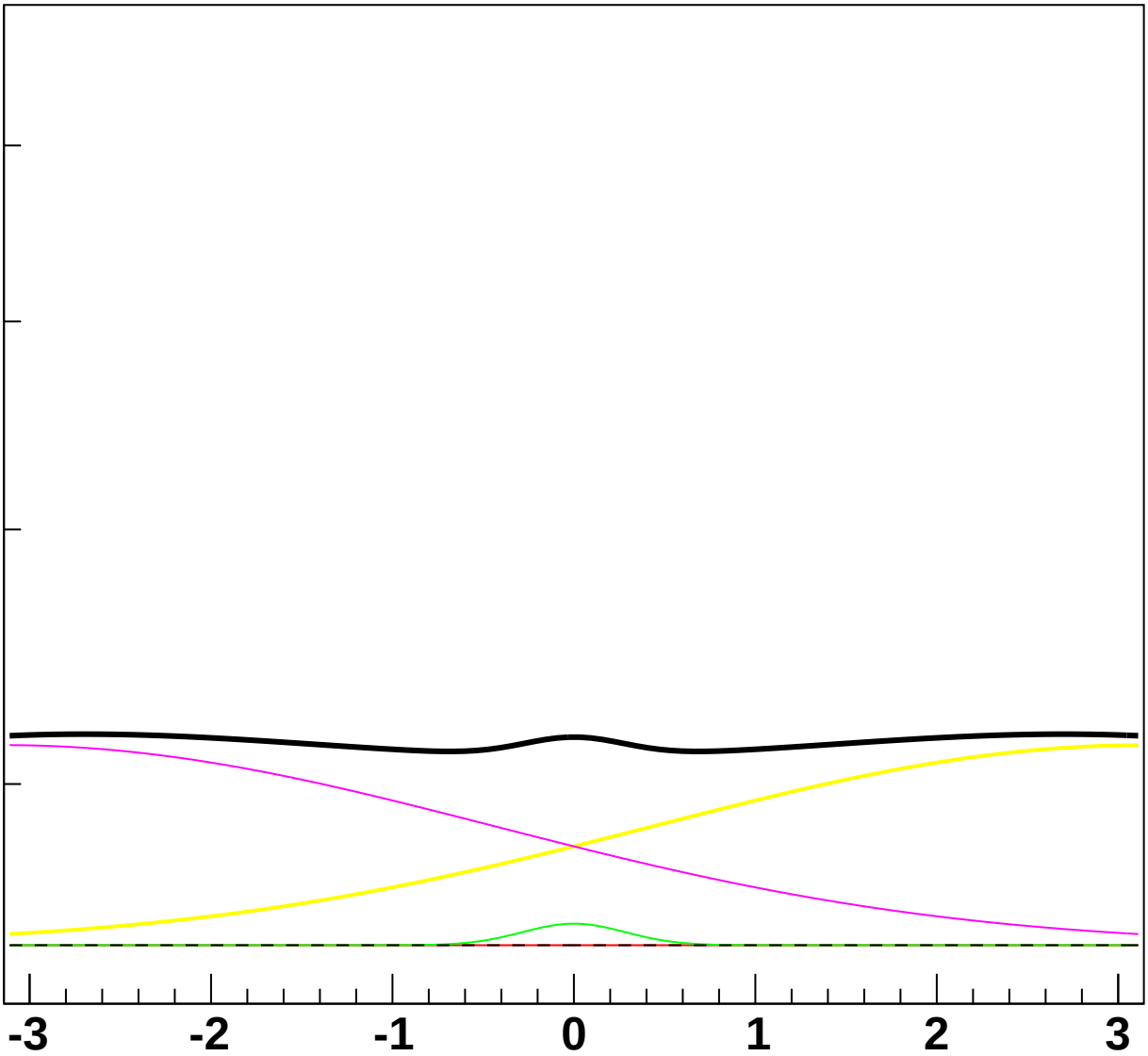


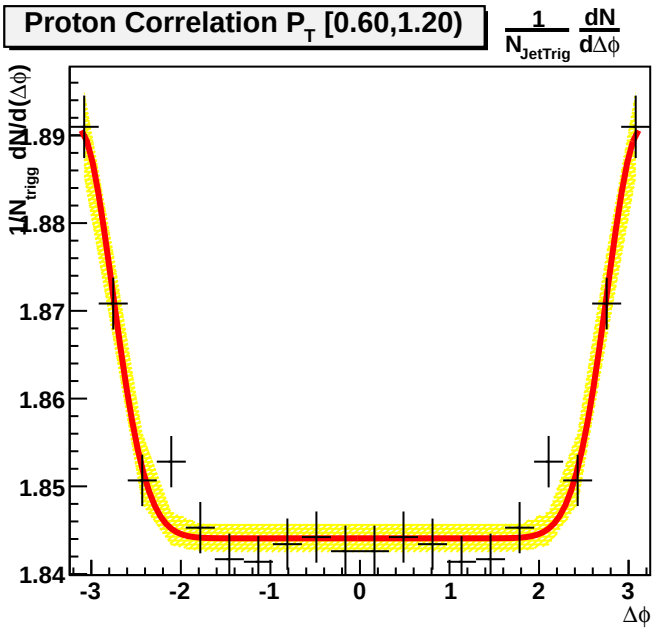
Away Side Yield all charged

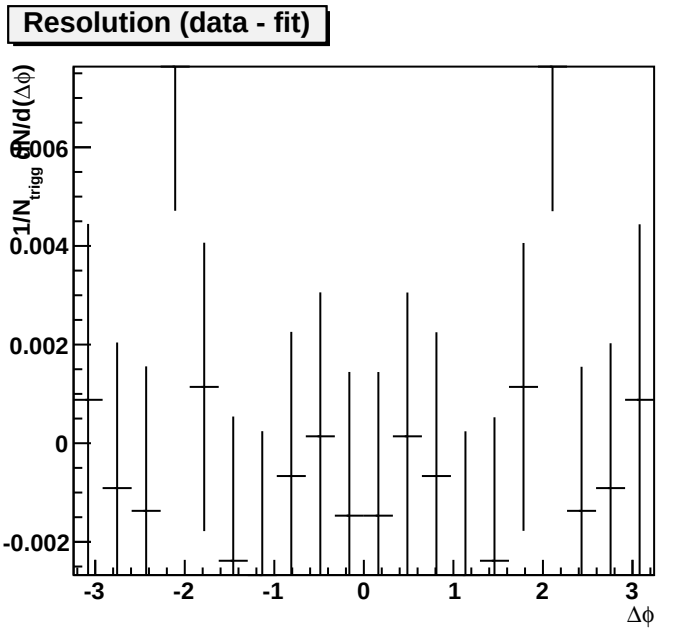


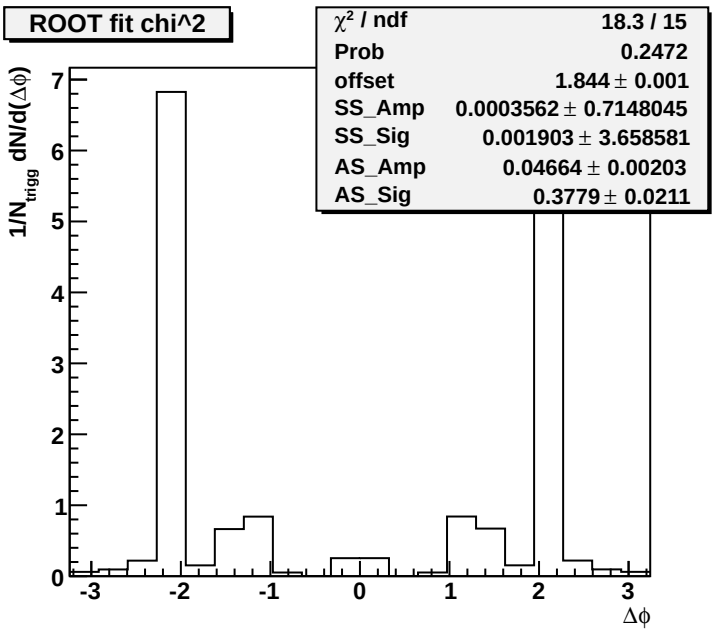

full azimuth Yield all charged
10
1
0
0.5
1
1.5
2
2.5
3

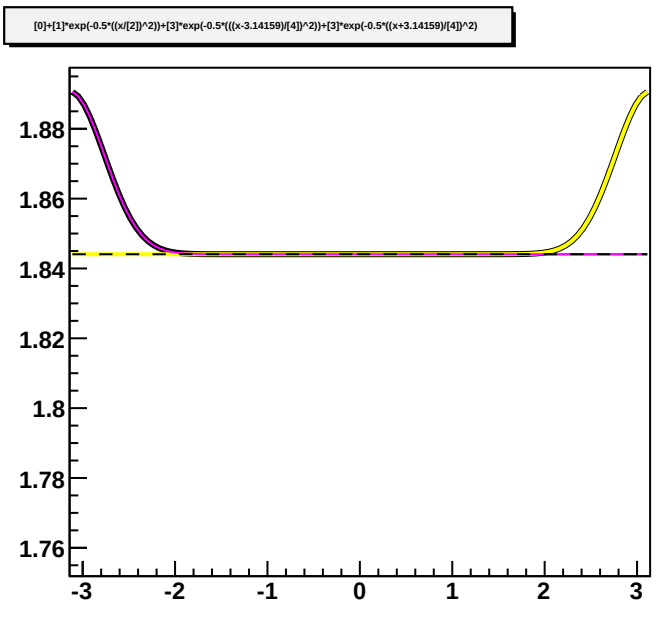
[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

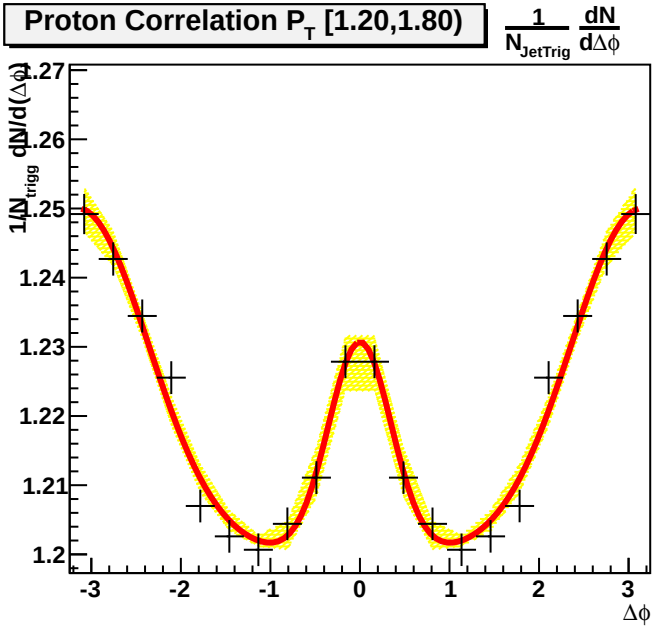


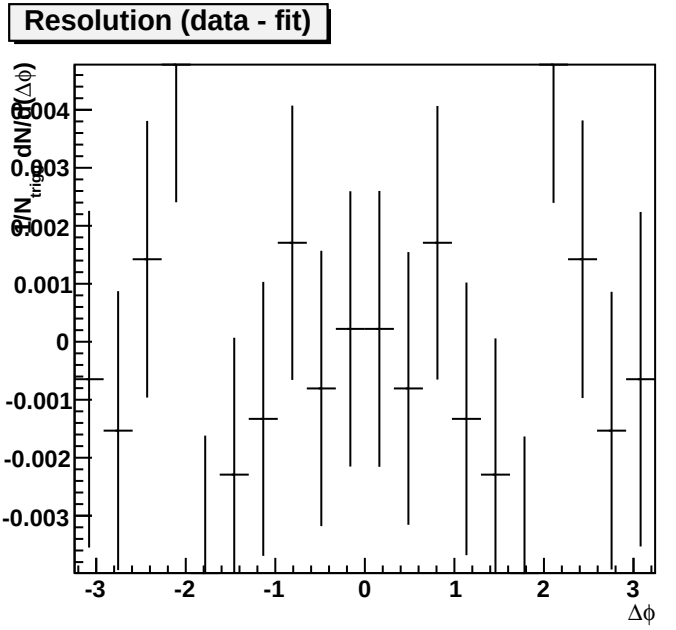

Proton Correlation P_T [0.60,1.20)
$\frac{1}{N_{JetTrig}} \frac{dN}{d\Delta\phi}$
$1/N_{trigg}\ dN/d(\Delta\phi)$
1.89
1.88
1.87
1.86
1.85
1.84
-3
-2
-1
0
1
2
3
$\Delta\phi$

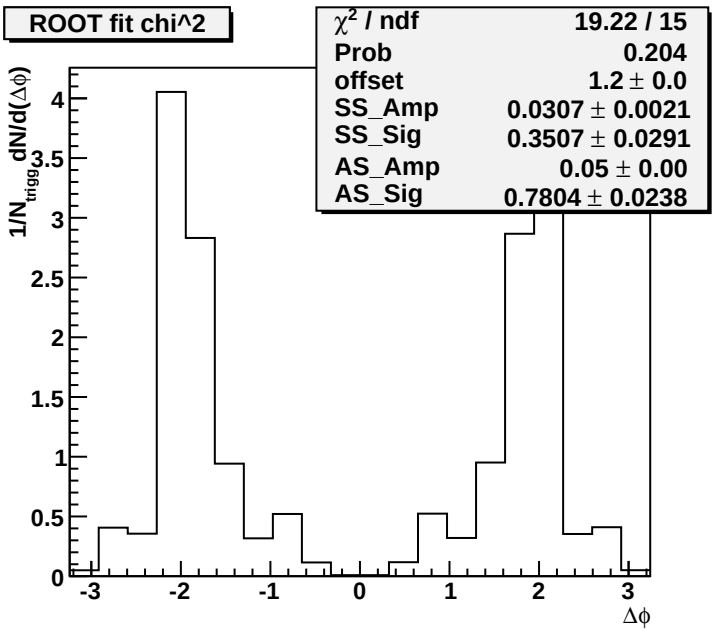

Resolution (data - fit)
$1/N_{trigg}\ dN/d(\Delta\phi)$
0.006
0.004
0.002
0
-0.002
-3
-2
-1
0
1
2
3
$\Delta\phi$

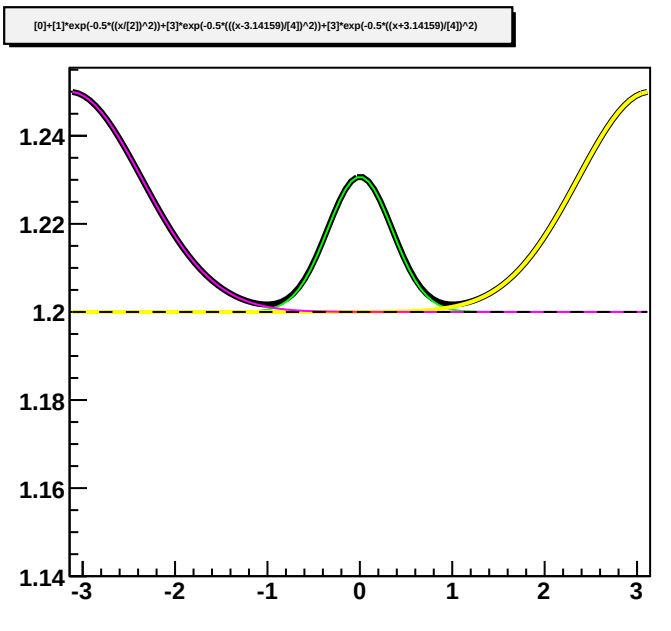

ROOT fit chi^2
χ^2 / ndf 18.3 / 15
Prob 0.2472
offset 1.844 ± 0.001
SS_Amp 0.0003562 ± 0.7148045
SS_Sig 0.001903 ± 3.658581
AS_Amp 0.04664 ± 0.00203
AS_Sig 0.3779 ± 0.0211
$1/N_{trigg}\ dN/d(\Delta\phi)$
7
6
5
4
3
2
1
0
-3
-2
-1
0
1
2
3
$\Delta\phi$

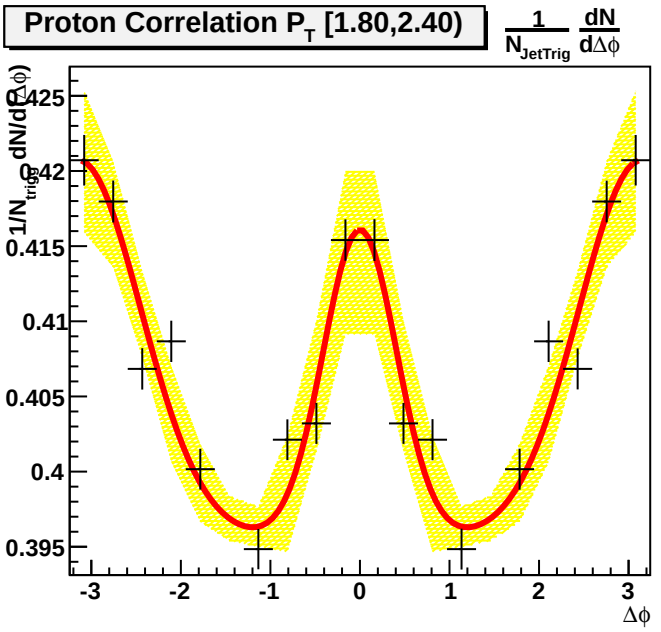

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)
1.88
1.86
1.84
1.82
1.8
1.78
1.76
-3
-2
-1
0
1
2
3

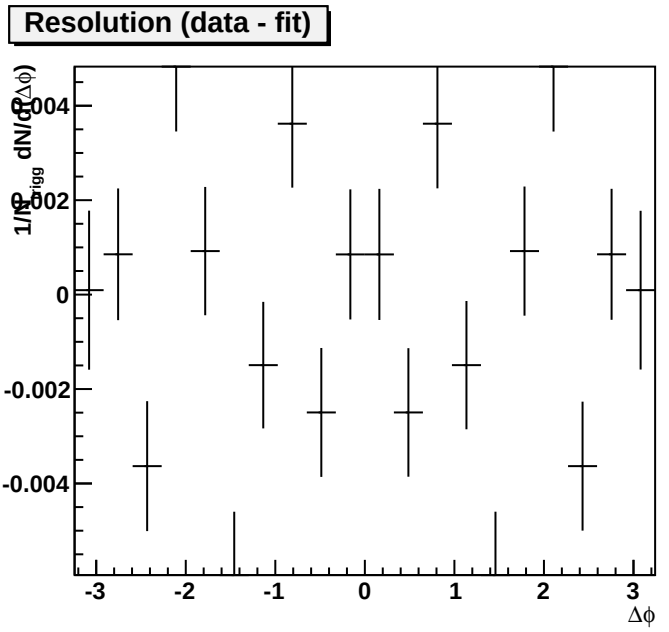

Proton Correlation P_T [1.20,1.80)
$\frac{1}{N_{JetTrig}} \frac{dN}{d\Delta\phi}$
$1/N_{trigg}\, dN/d(\Delta\phi)$
1.27
1.26
1.25
1.24
1.23
1.22
1.21
1.2
-3
-2
-1
0
1
2
3
$\Delta\phi$

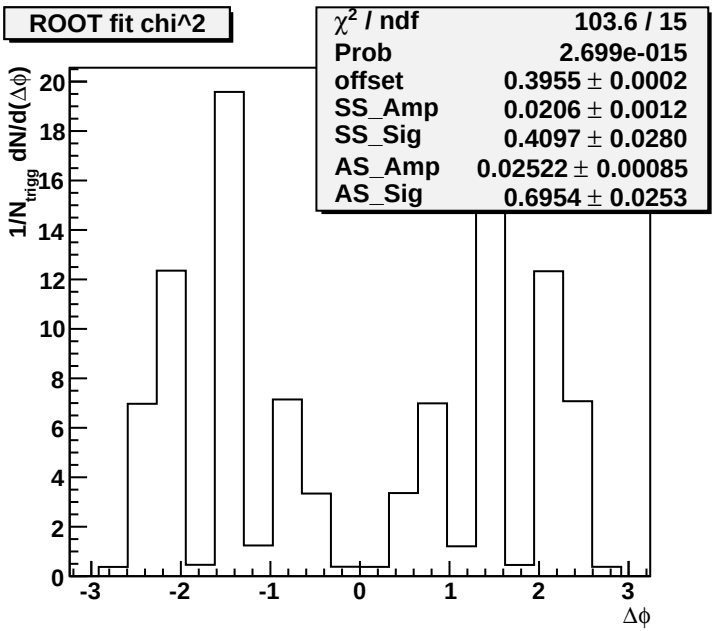

Resolution (data - fit)
$1/N_{trigg}\, dN/d(\Delta\phi)$
0.004
0.003
0.002
0.001
0
-0.001
-0.002
-0.003
-3
-2
-1
0
1
2
3
$\Delta\phi$

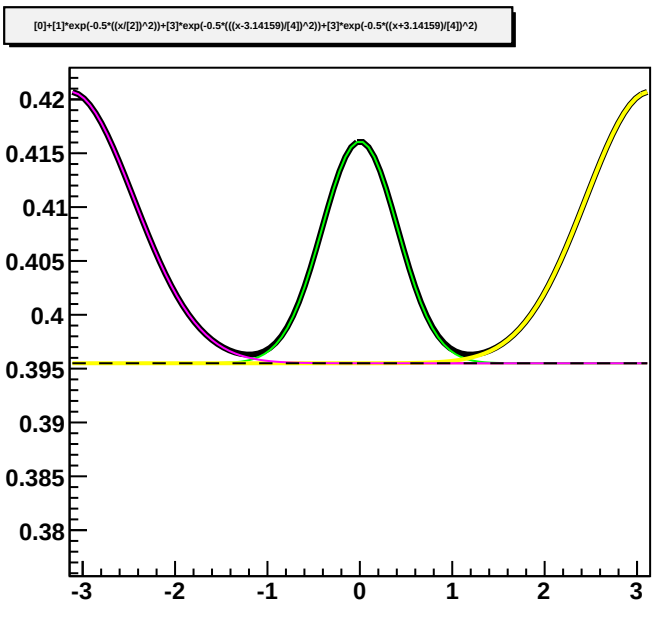

ROOT fit chi^2
χ^2 / ndf 19.22 / 15
Prob 0.204
offset 1.2 ± 0.0
SS_Amp 0.0307 ± 0.0021
SS_Sig 0.3507 ± 0.0291
AS_Amp 0.05 ± 0.00
AS_Sig 0.7804 ± 0.0238
$1/N_{trigg}\, dN/d(\Delta\phi)$
4
3.5
3
2.5
2
1.5
1
0.5
0
-3
-2
-1
0
1
2
3
$\Delta\phi$

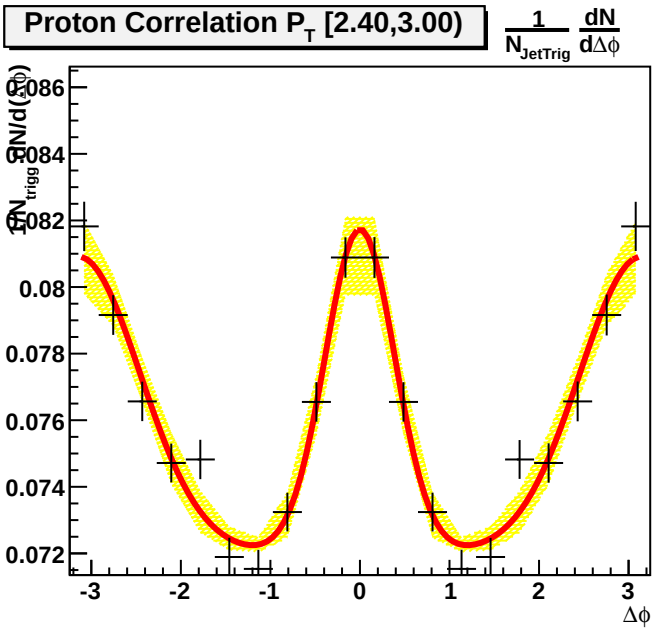

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)
1.24
1.22
1.2
1.18
1.16
1.14
-3
-2
-1
0
1
2
3

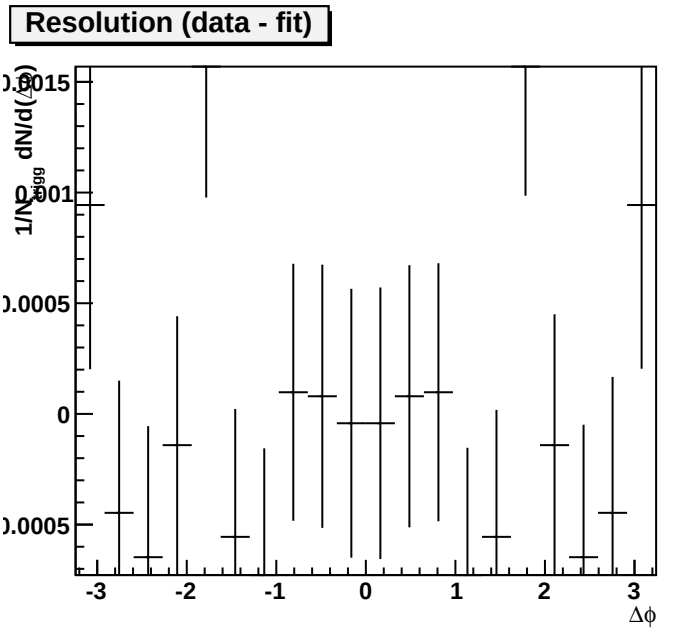

Proton Correlation P_T [1.80,2.40)
$\frac{1}{N_{JetTrig}} \frac{dN}{d\Delta\phi}$
$1/N_{trigg}$ dN/d(Δφ)
0.425
0.42
0.415
0.41
0.405
0.4
0.395
-3
-2
-1
0
1
2
3
Δφ

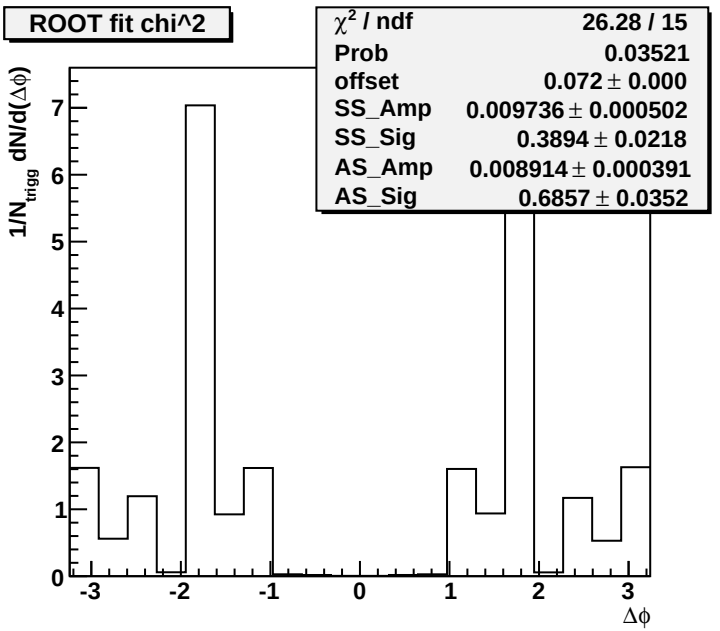

Resolution (data - fit)
$1/N_{trigg}$ dN/d(Δφ)
0.004
0.002
0
-0.002
-0.004
-3
-2
-1
0
1
2
3
Δφ

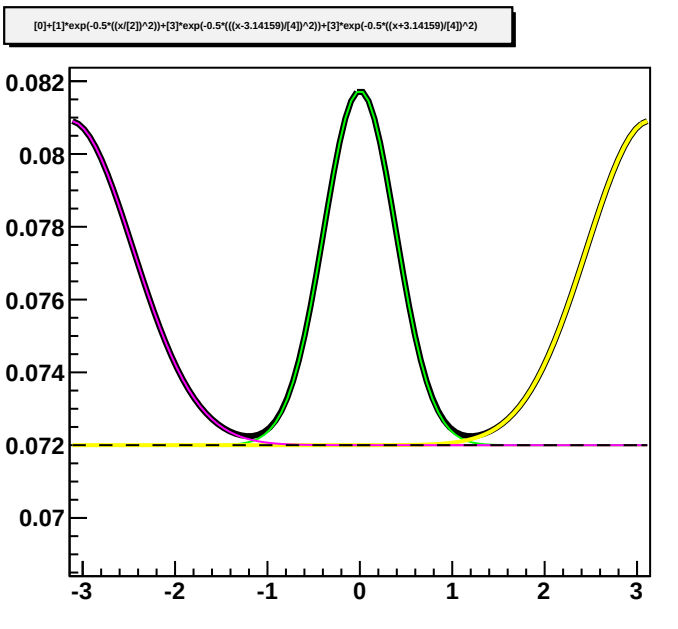

ROOT fit chi^2
χ^2 / ndf 103.6 / 15
Prob 2.699e-015
offset 0.3955 ± 0.0002
SS_Amp 0.0206 ± 0.0012
SS_Sig 0.4097 ± 0.0280
AS_Amp 0.02522 ± 0.00085
AS_Sig 0.6954 ± 0.0253
$1/N_{trigg}$ dN/d(Δφ)
20
18
16
14
12
10
8
6
4
2
0
-3
-2
-1
0
1
2
3
Δφ

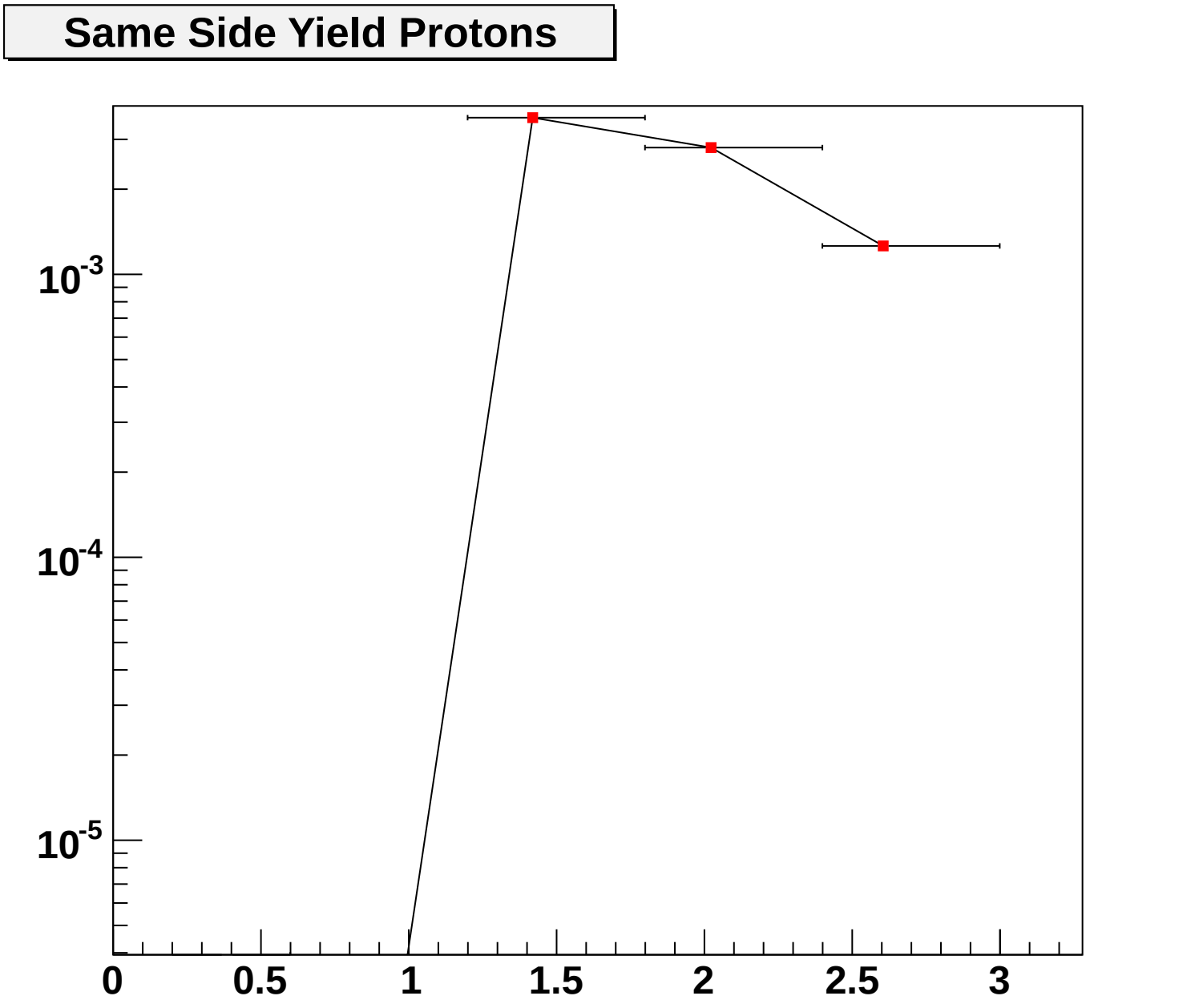

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)
0.42
0.415
0.41
0.405
0.4
0.395
0.39
0.385
0.38
-3
-2
-1
0
1
2
3


Proton Correlation P_T [2.40,3.00)
$\frac{1}{N_{JetTrig}} \frac{dN}{d\Delta\phi}$
$1/N_{trigg}$ dN/d($\Delta\phi$)
0.086
0.084
0.082
0.08
0.078
0.076
0.074
0.072
-3
-2
-1
0
1
2
3
$\Delta\phi$

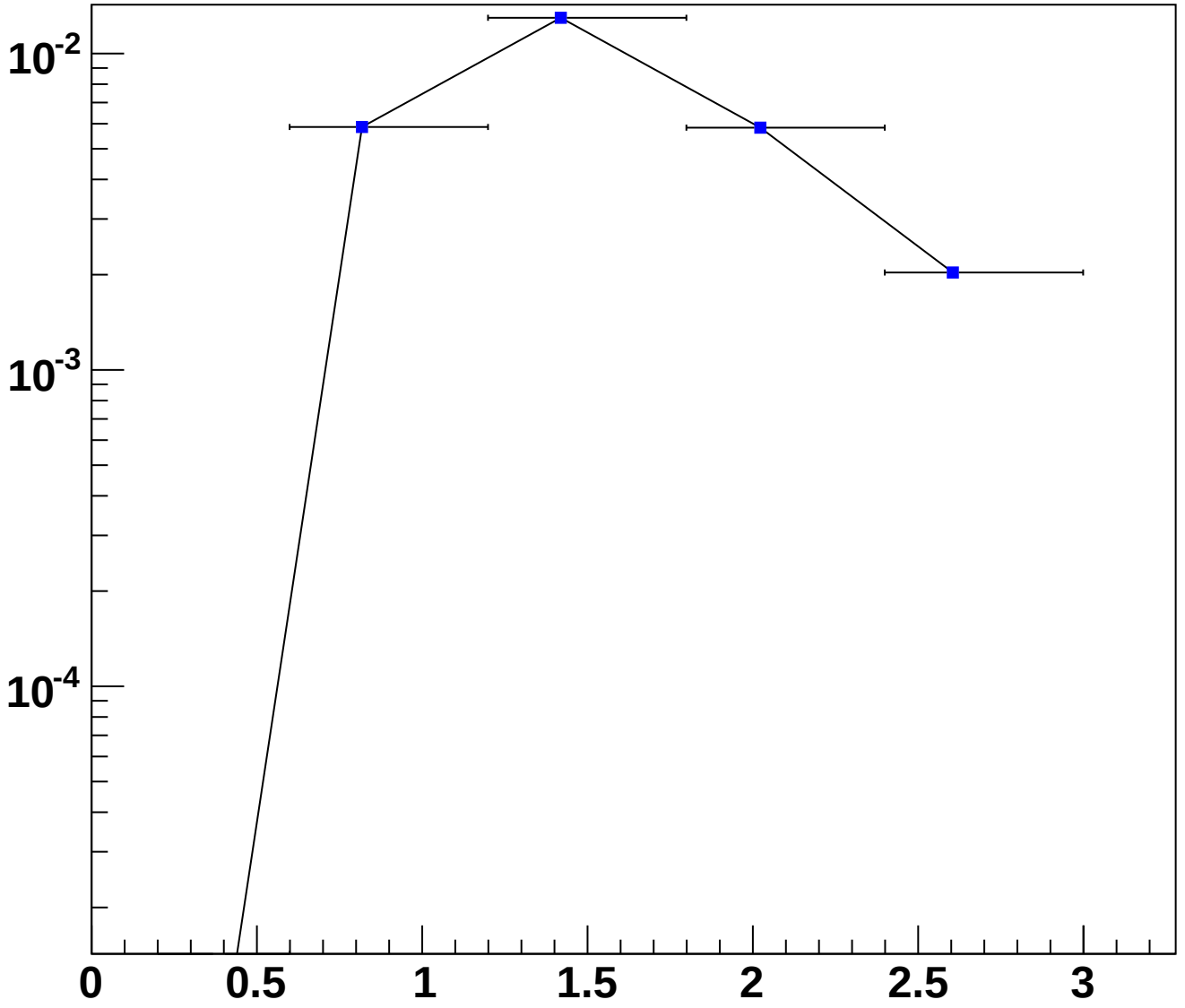

Resolution (data - fit)
$1/N_{trigg}$ dN/d($\Delta\phi$)
0.0015
0.001
0.0005
0
0.0005
-3
-2
-1
0
1
2
3
$\Delta\phi$

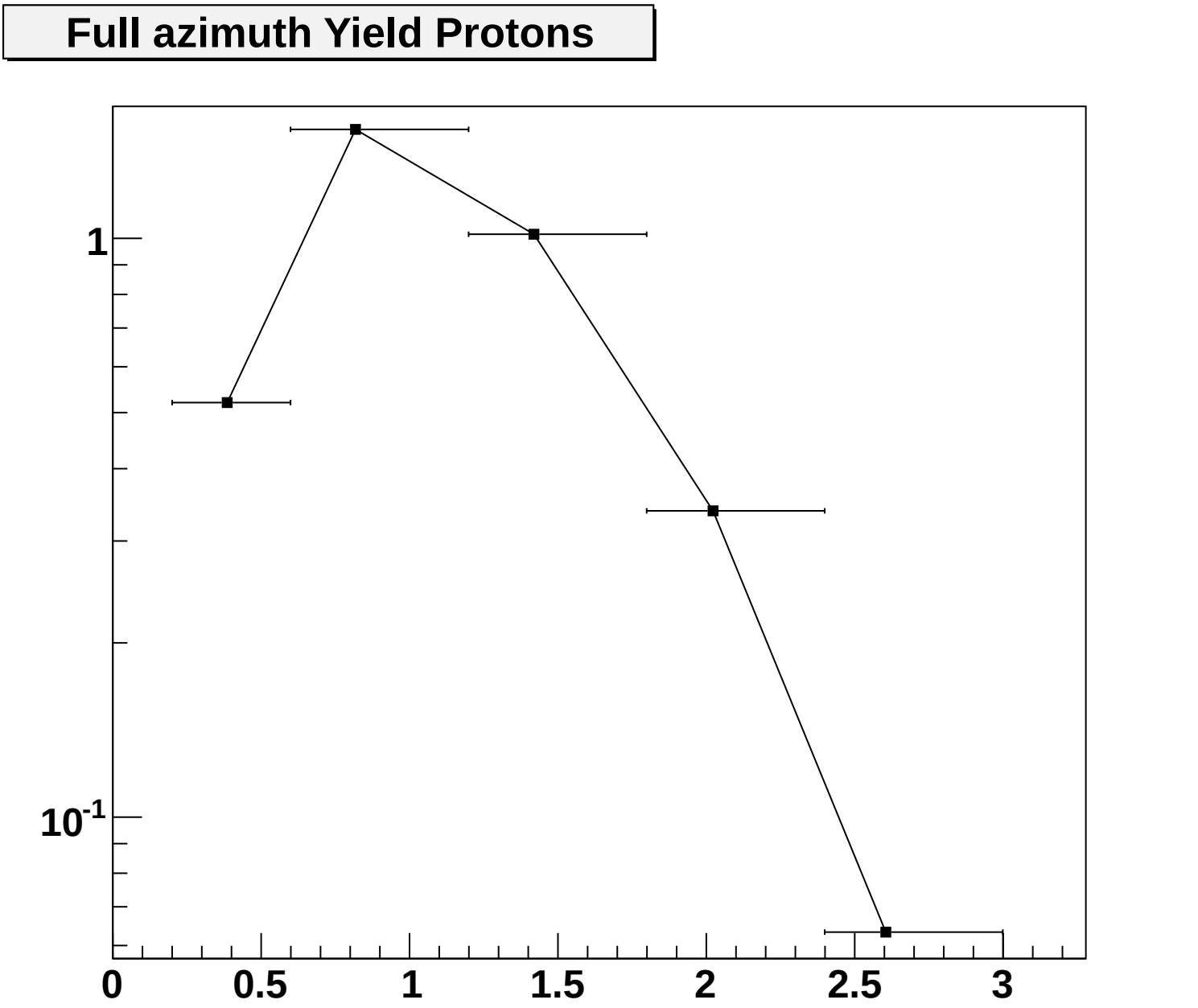

ROOT fit chi^2
χ^2 / ndf 26.28 / 15
Prob 0.03521
offset 0.072 ± 0.000
SS_Amp 0.009736 ± 0.000502
SS_Sig 0.3894 ± 0.0218
AS_Amp 0.008914 ± 0.000391
AS_Sig 0.6857 ± 0.0352
$1/N_{trigg}$ dN/d($\Delta\phi$)
7
6
5
4
3
2
1
0
-3
-2
-1
0
1
2
3
$\Delta\phi$


[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)
0.082
0.08
0.078
0.076
0.074
0.072
0.07
-3
-2
-1
0
1
2
3

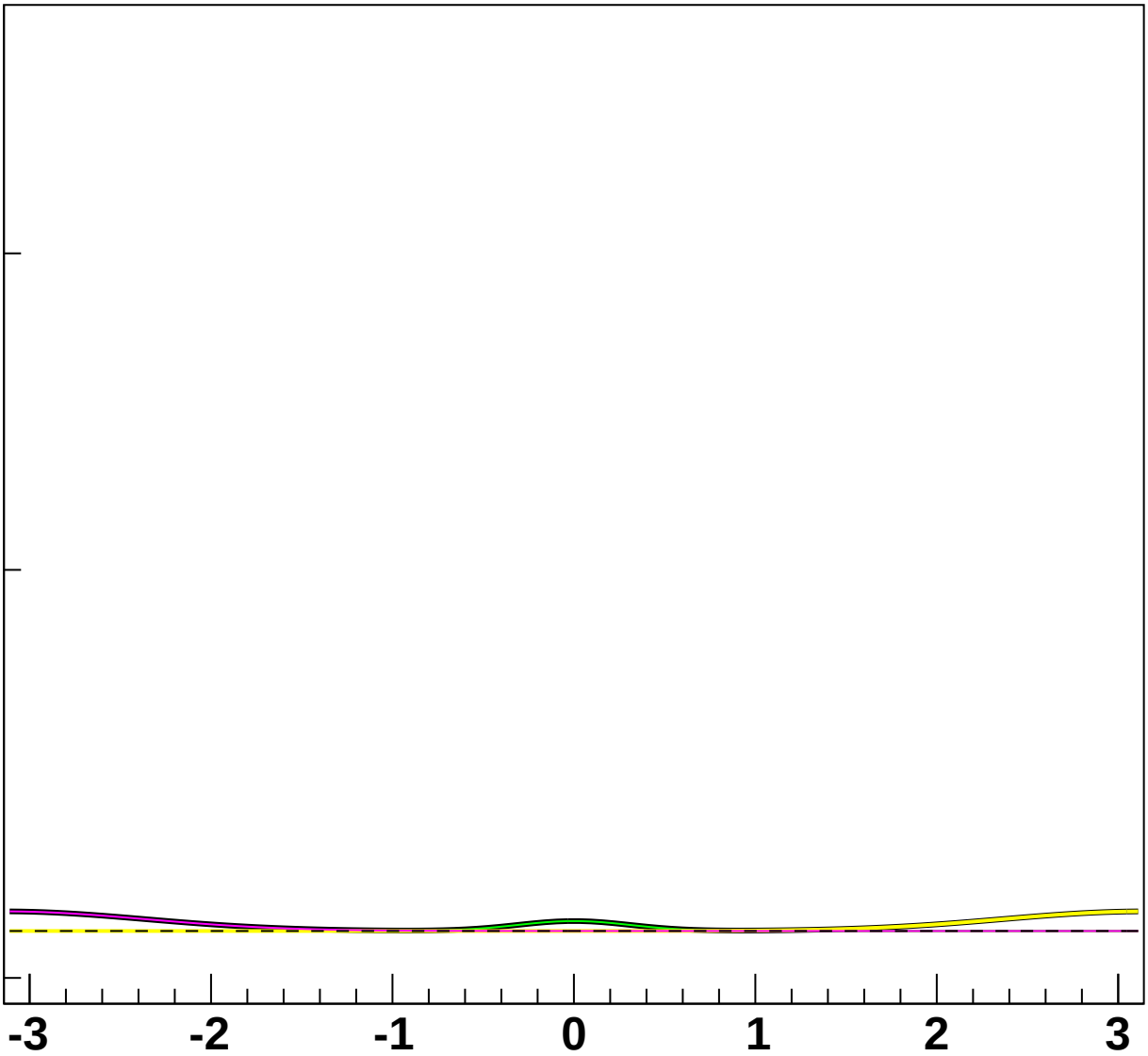

Same Side Yield Protons
10-3
10-4
10-5
0
0.5
1
1.5
2
2.5
3

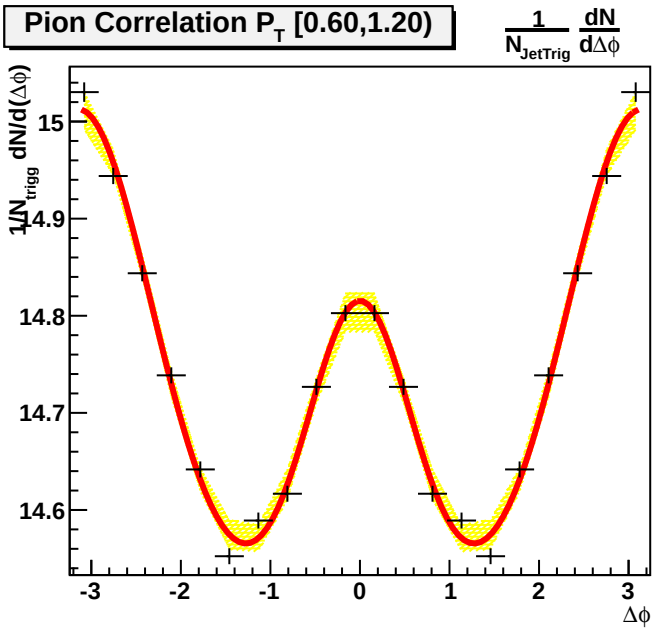
Away Side Yield Protons

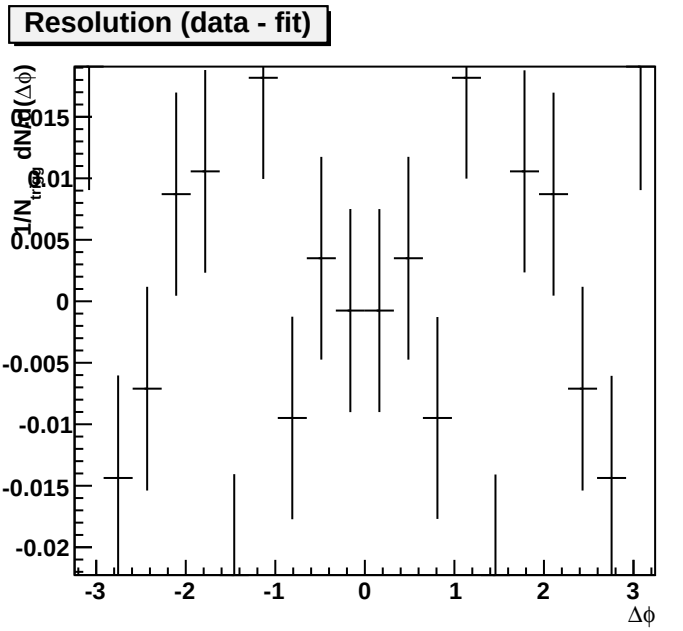


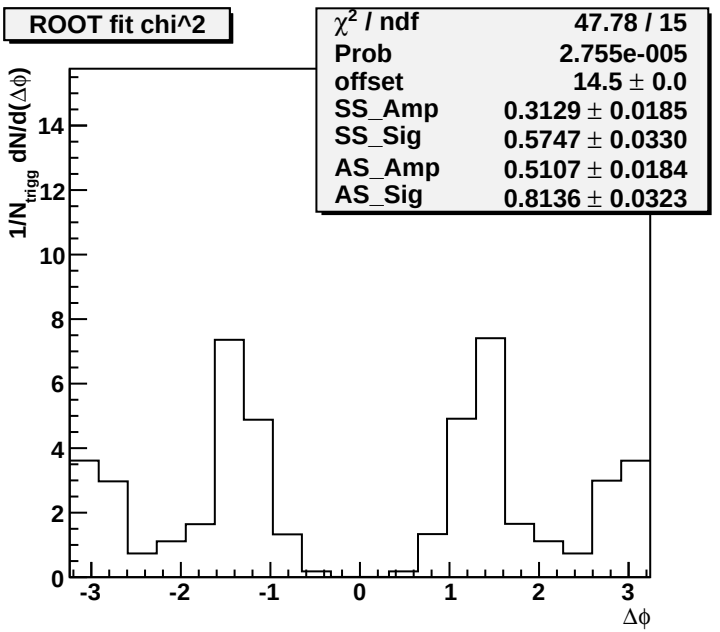

Full azimuth Yield Protons
1
10^-1
0
0.5
1
1.5
2
2.5
3

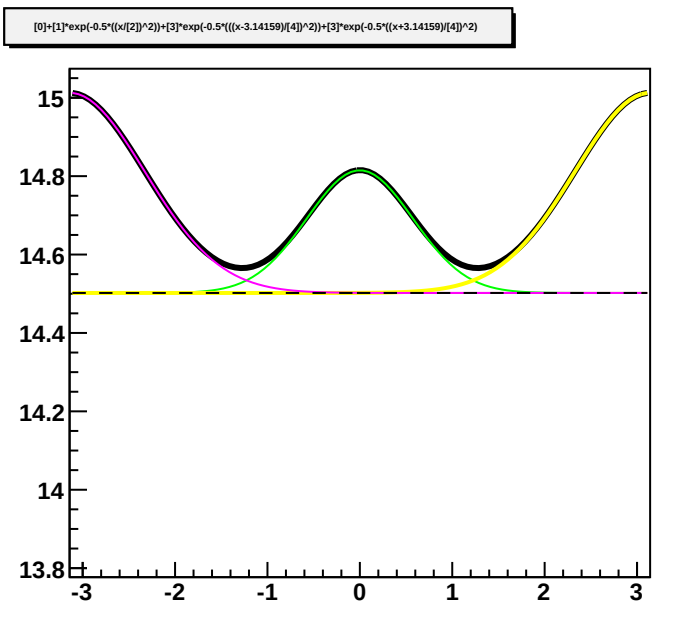
[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

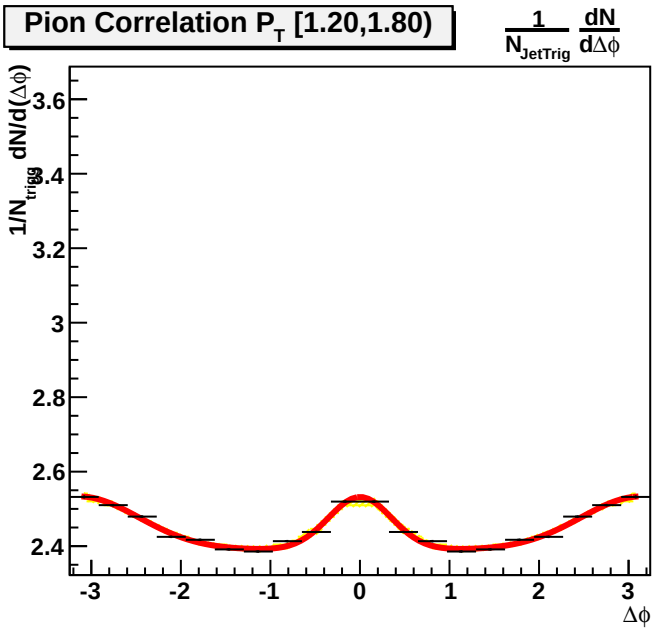


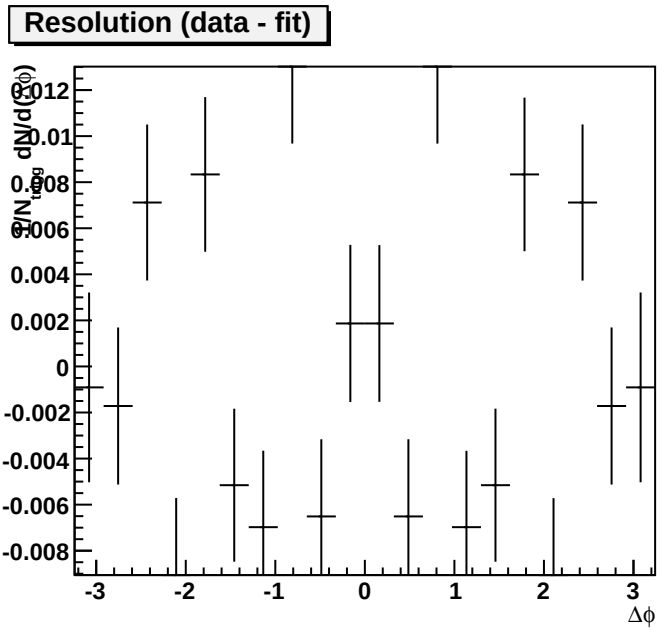

Pion Correlation P_T [0.60,1.20)
$\frac{1}{N_{JetTrig}} \frac{dN}{d\Delta\phi}$
$1/N_{trigg}$ dN/d($\Delta\phi$)
15
14.9
14.8
14.7
14.6
-3
-2
-1
0
1
2
3
$\Delta\phi$

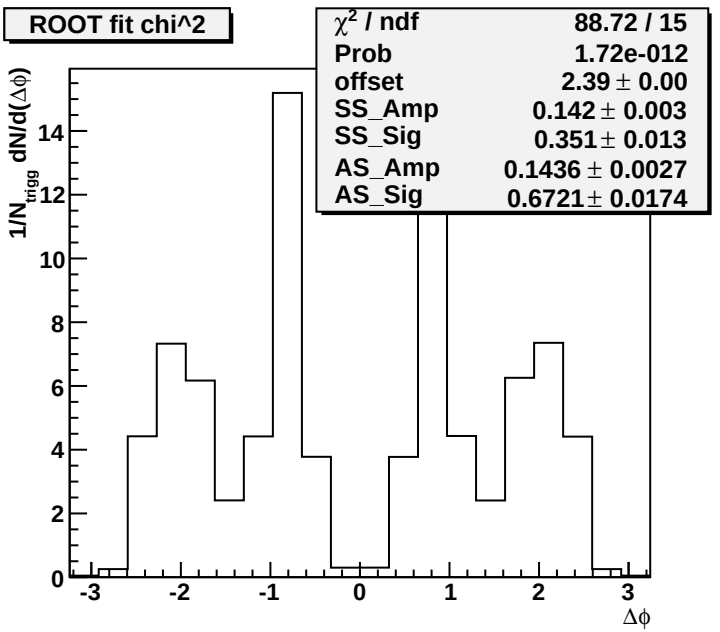

Resolution (data - fit)
$1/N_{trigg}$ dN/d($\Delta\phi$)
0.015
0.01
0.005
0
-0.005
-0.01
-0.015
-0.02
-3
-2
-1
0
1
2
3
$\Delta\phi$

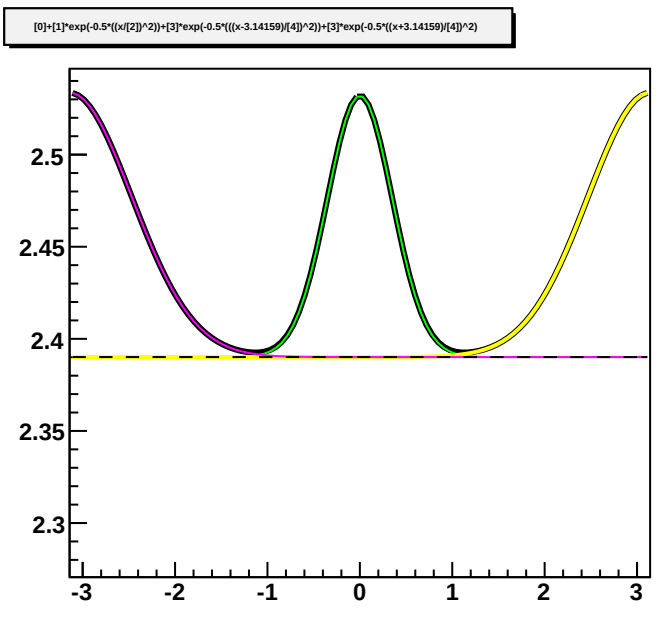

ROOT fit chi^2
χ^2 / ndf 47.78 / 15
Prob 2.755e-005
offset 14.5 ± 0.0
SS_Amp 0.3129 ± 0.0185
SS_Sig 0.5747 ± 0.0330
AS_Amp 0.5107 ± 0.0184
AS_Sig 0.8136 ± 0.0323
$1/N_{trigg}$ dN/d($\Delta\phi$)
14
12
10
8
6
4
2
0
-3
-2
-1
0
1
2
3
$\Delta\phi$

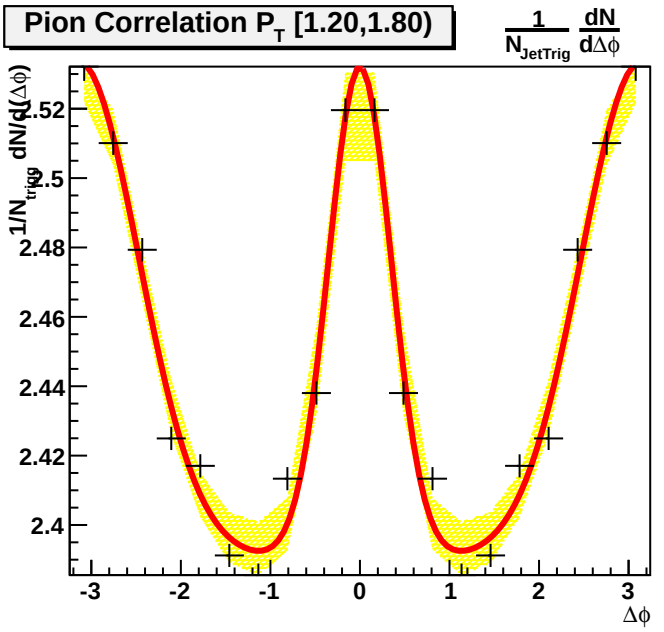

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)
15
14.8
14.6
14.4
14.2
14
13.8
-3
-2
-1
0
1
2
3

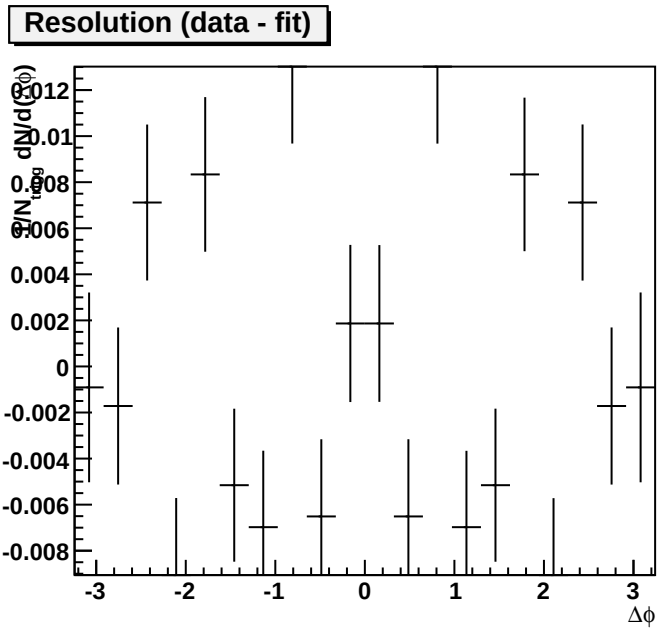

Pion Correlation P_T [1.20,1.80)
$\frac{1}{N_{JetTrig}} \frac{dN}{d\Delta\phi}$
$1/N_{trigg}$ dN/d(Δφ)
Δφ

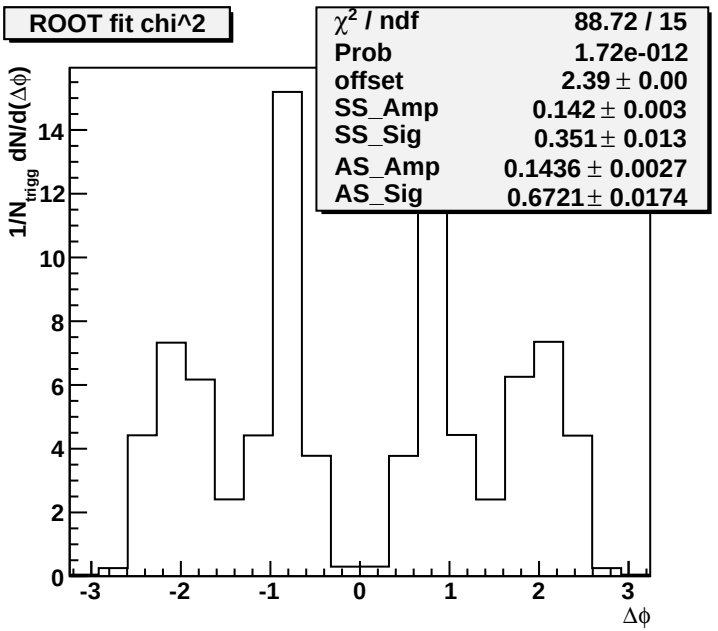

Resolution (data - fit)
$1/N_{trigg}$ dN/d(Δφ)
Δφ

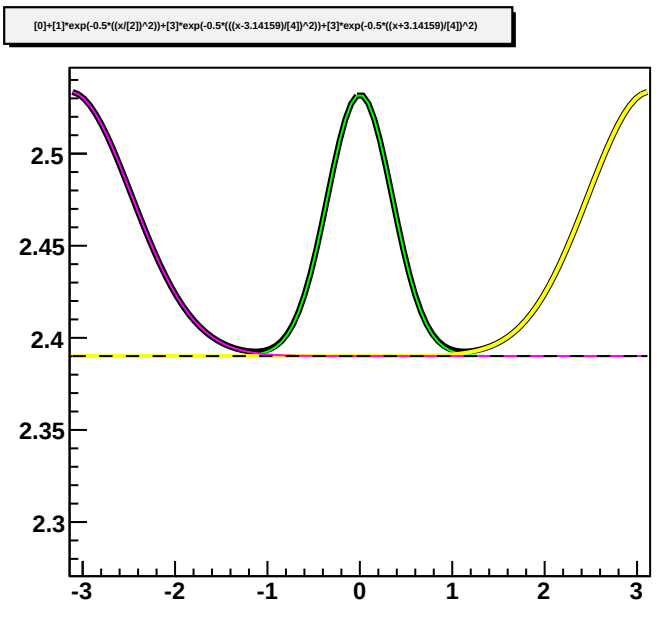

ROOT fit chi^2
χ^2 / ndf 88.72 / 15
Prob 1.72e-012
offset 2.39 ± 0.00
SS_Amp 0.142 ± 0.003
SS_Sig 0.351 ± 0.013
AS_Amp 0.1436 ± 0.0027
AS_Sig 0.6721 ± 0.0174
$1/N_{trigg}$ dN/d(Δφ)
Δφ

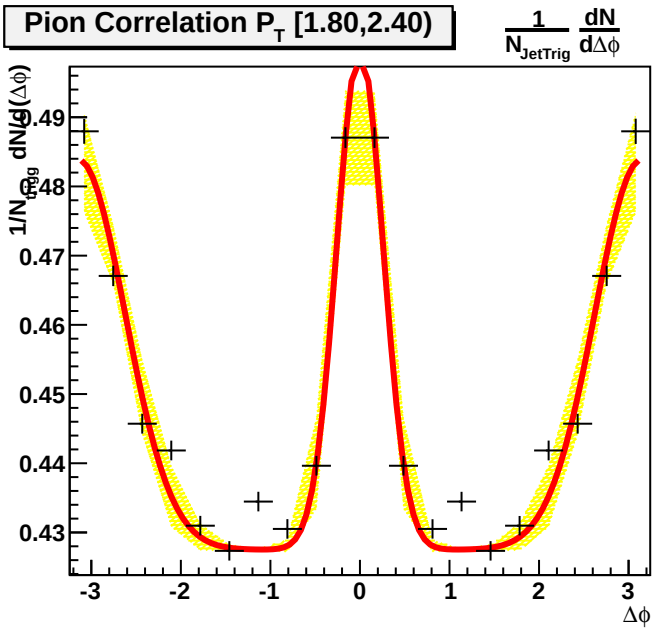

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

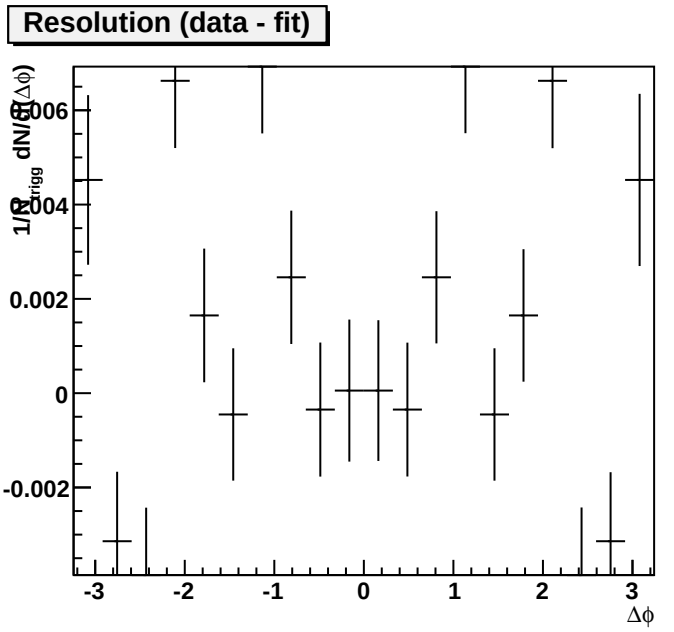

Pion Correlation P_T [1.20,1.80)
$\frac{1}{N_{JetTrig}} \frac{dN}{d\Delta\phi}$
$1/N_{trigg}$ dN/d(Δφ)
Δφ

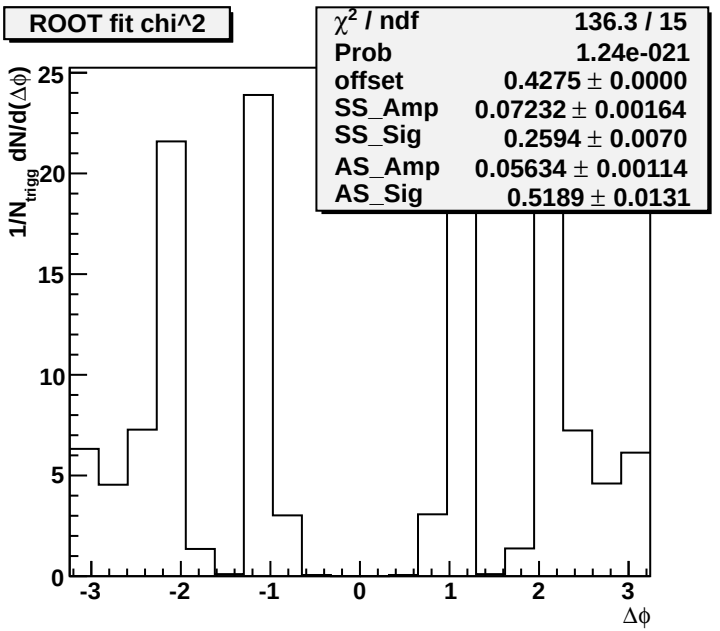

Resolution (data - fit)
$1/N_{trigg}$ dN/d(Δφ)
Δφ

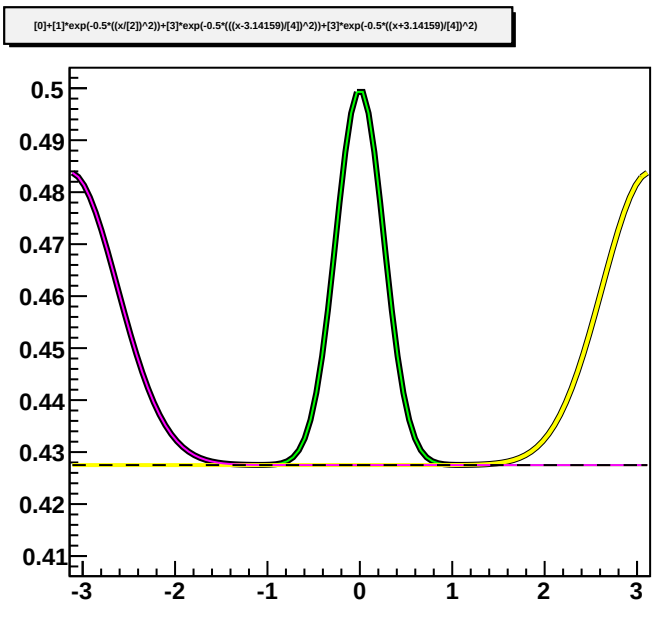

ROOT fit chi^2
χ^2 / ndf 88.72 / 15
Prob 1.72e-012
offset 2.39 ± 0.00
SS_Amp 0.142 ± 0.003
SS_Sig 0.351 ± 0.013
AS_Amp 0.1436 ± 0.0027
AS_Sig 0.6721 ± 0.0174
$1/N_{trigg}$ dN/d(Δφ)
Δφ

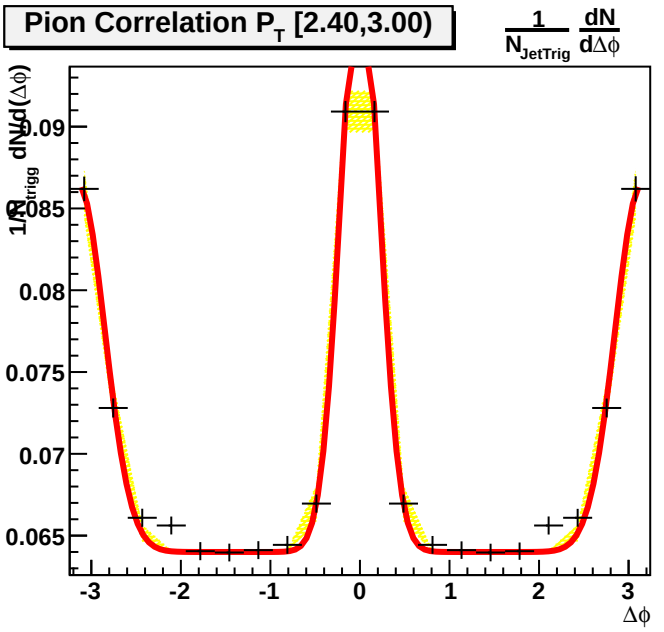

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

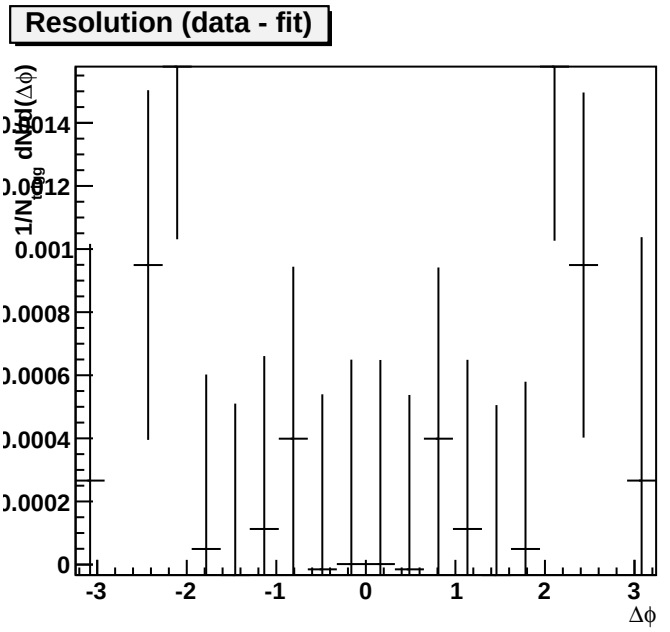

Pion Correlation P_T [1.80,2.40)
$\frac{1}{N_{JetTrig}} \frac{dN}{d\Delta\phi}$
$1/N_{trigg}\ dN/d(\Delta\phi)$
0.49
0.48
0.47
0.46
0.45
0.44
0.43
-3
-2
-1
0
1
2
3
$\Delta\phi$

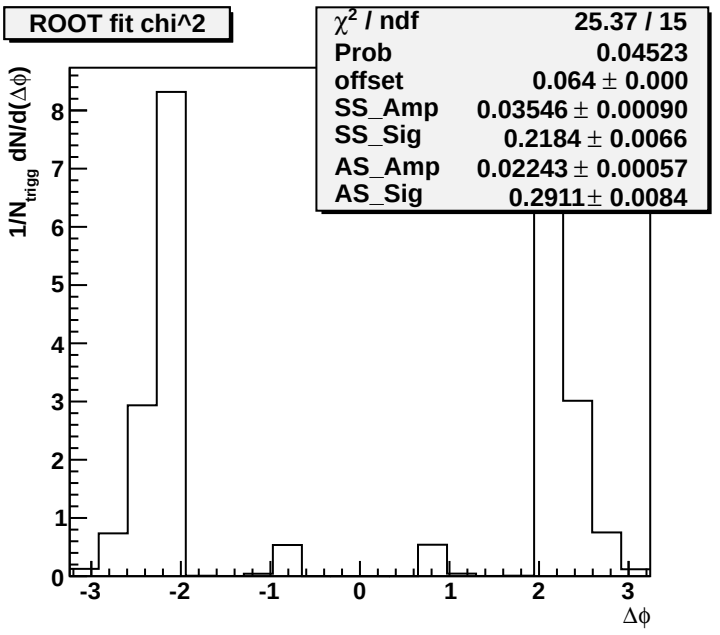

Resolution (data - fit)
$1/N_{trigg}\ dN/d(\Delta\phi)$
0.006
0.004
0.002
0
-0.002
-3
-2
-1
0
1
2
3
$\Delta\phi$

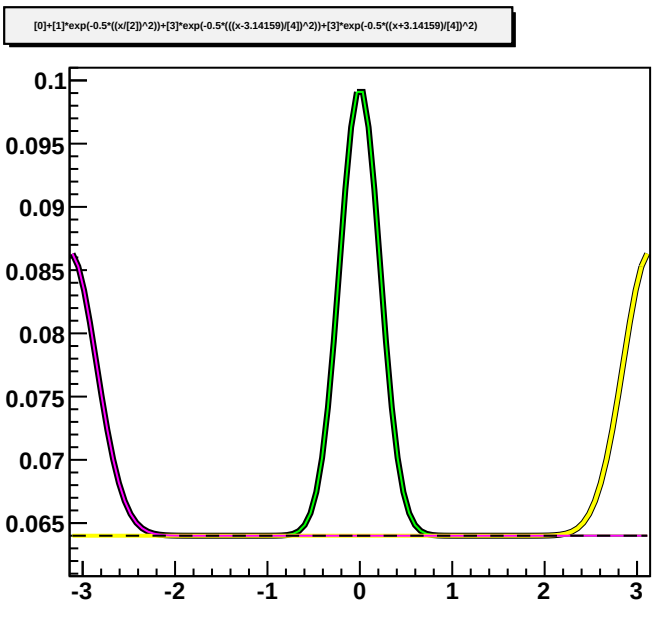

ROOT fit chi^2
χ^2 / ndf 136.3 / 15
Prob 1.24e-021
offset 0.4275 ± 0.0000
SS_Amp 0.07232 ± 0.00164
SS_Sig 0.2594 ± 0.0070
AS_Amp 0.05634 ± 0.00114
AS_Sig 0.5189 ± 0.0131
$1/N_{trigg}\ dN/d(\Delta\phi)$
25
20
15
10
5
0
-3
-2
-1
0
1
2
3
$\Delta\phi$


[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)
0.5
0.49
0.48
0.47
0.46
0.45
0.44
0.43
0.42
0.41
-3
-2
-1
0
1
2
3

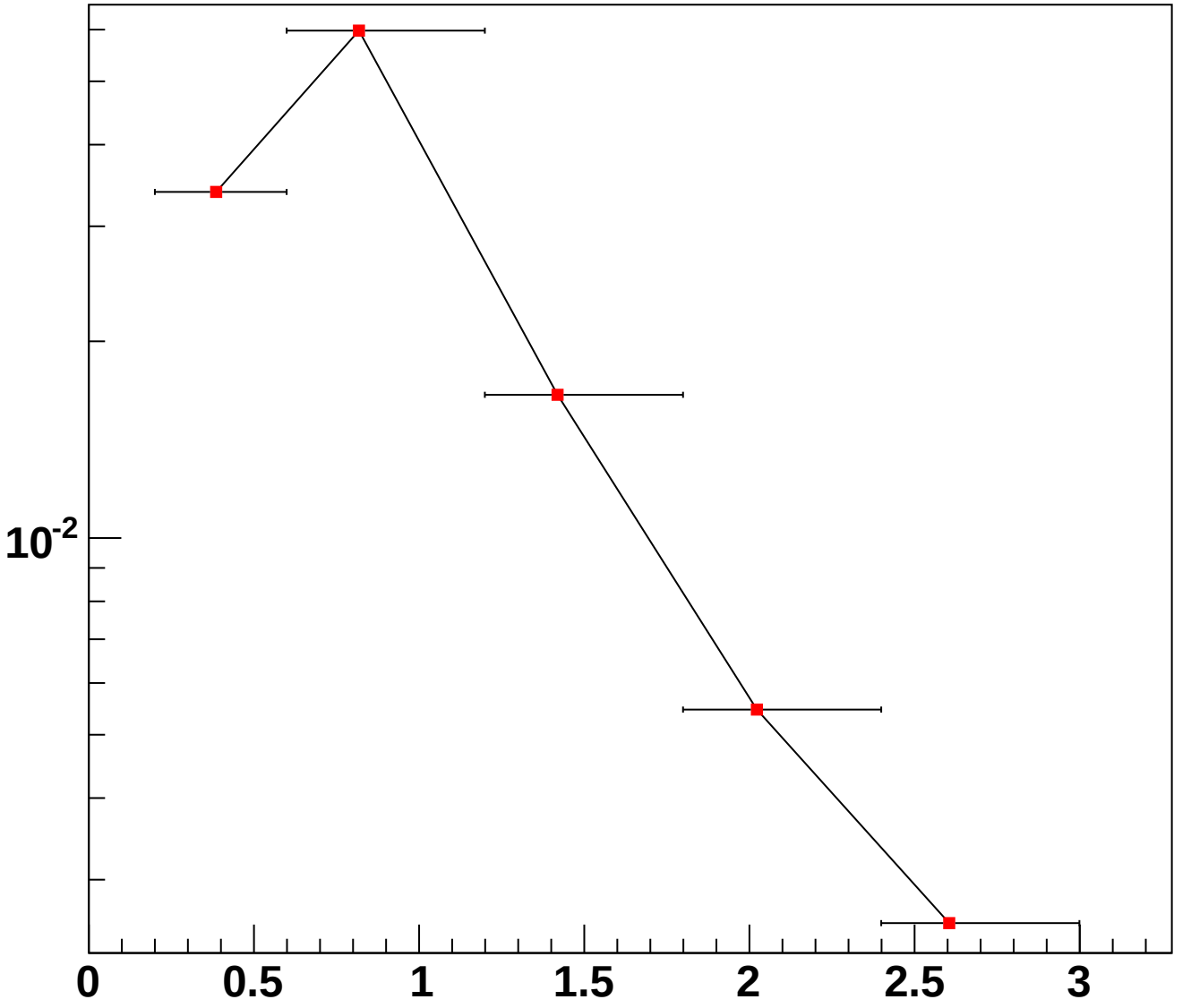

Pion Correlation P_T [2.40,3.00)
1/N_JetTrig dN/dΔφ
1/N_trigg dN/d(Δφ)
Δφ


Resolution (data - fit)
1/N_trigg dN/d(Δφ)
Δφ

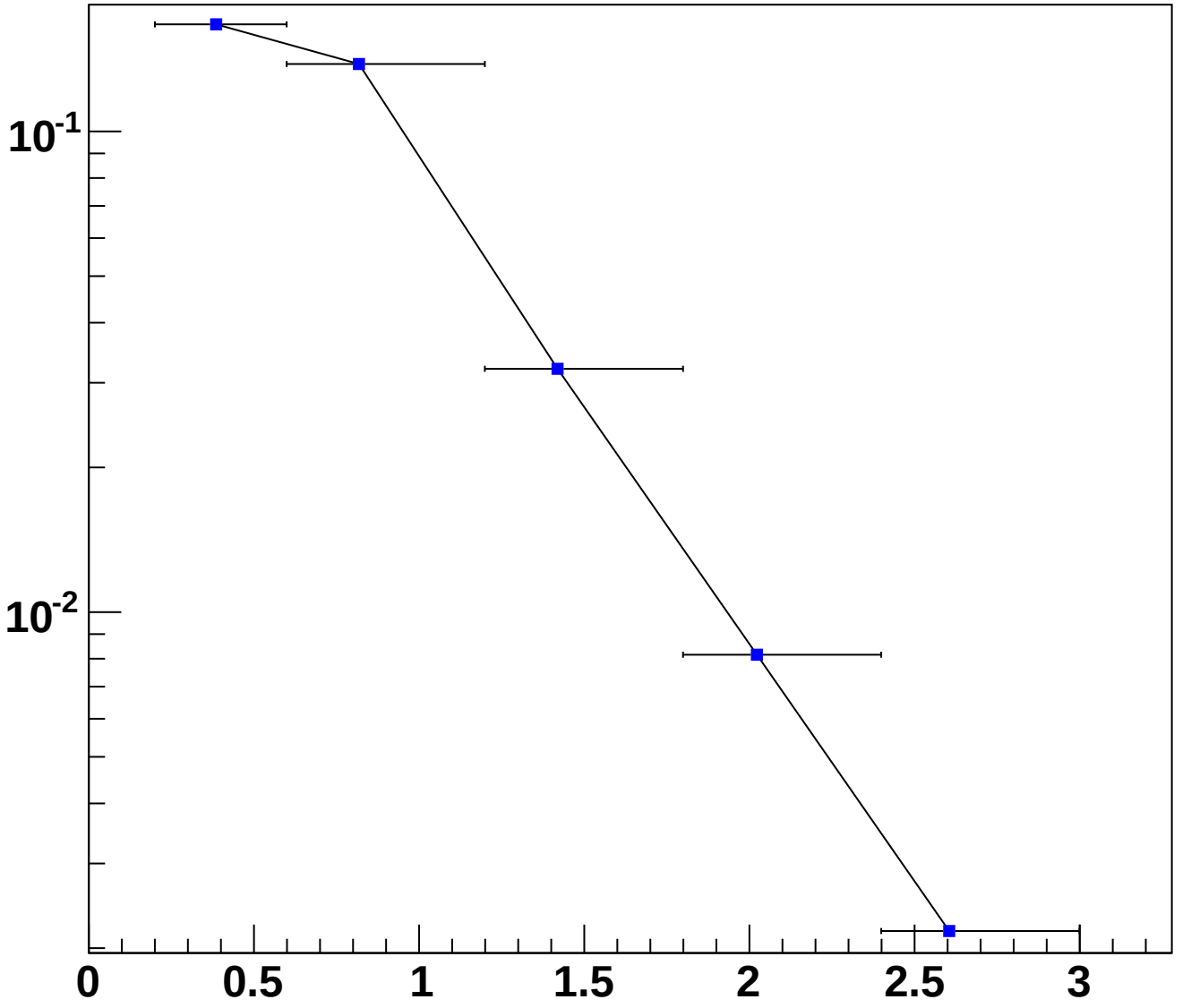

ROOT fit chi^2
χ² / ndf 25.37 / 15
Prob 0.04523
offset 0.064 ± 0.000
SS_Amp 0.03546 ± 0.00090
SS_Sig 0.2184 ± 0.0066
AS_Amp 0.02243 ± 0.00057
AS_Sig 0.2911 ± 0.0084
1/N_trigg dN/d(Δφ)
Δφ

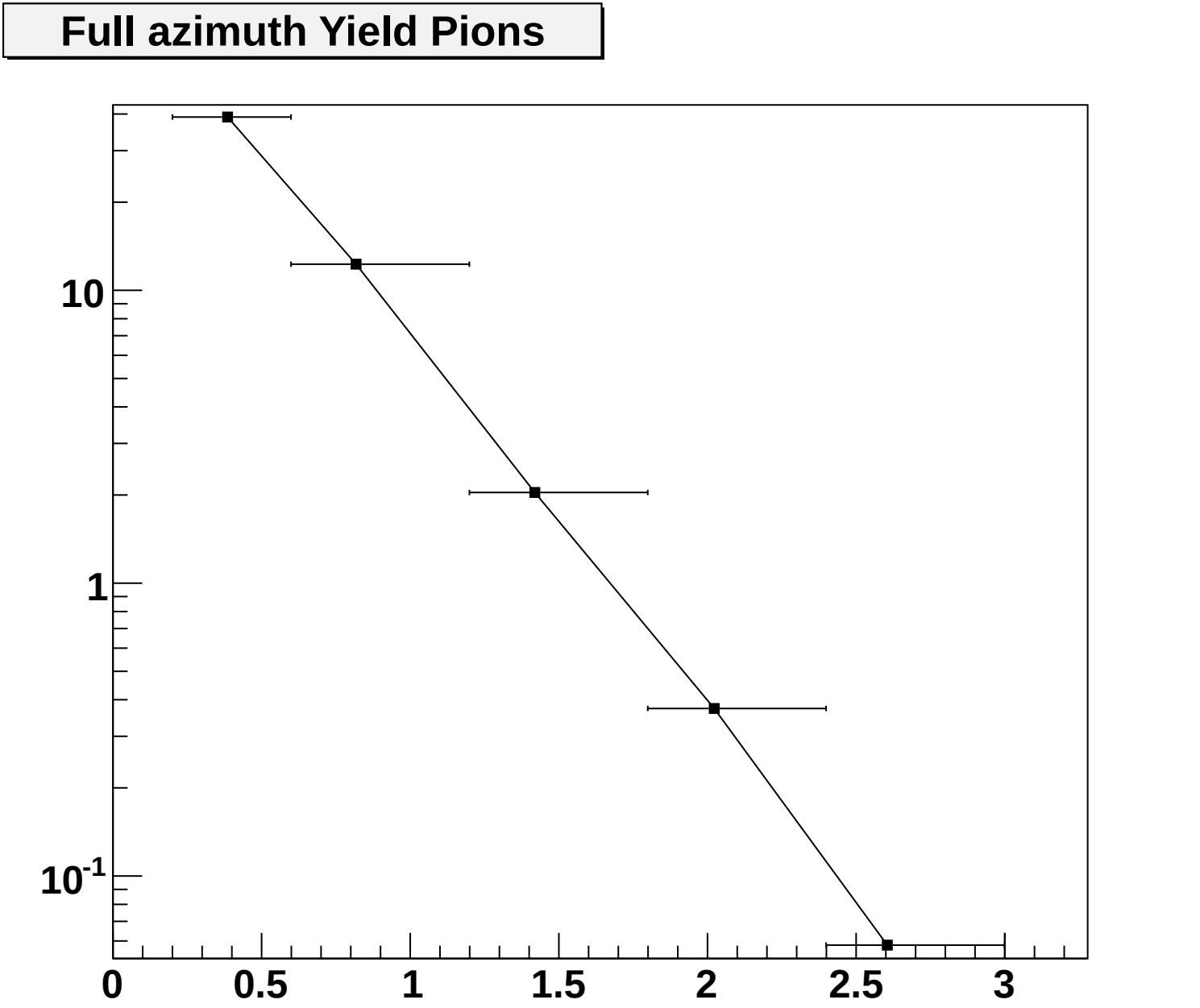

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

Same Side Yield Pions

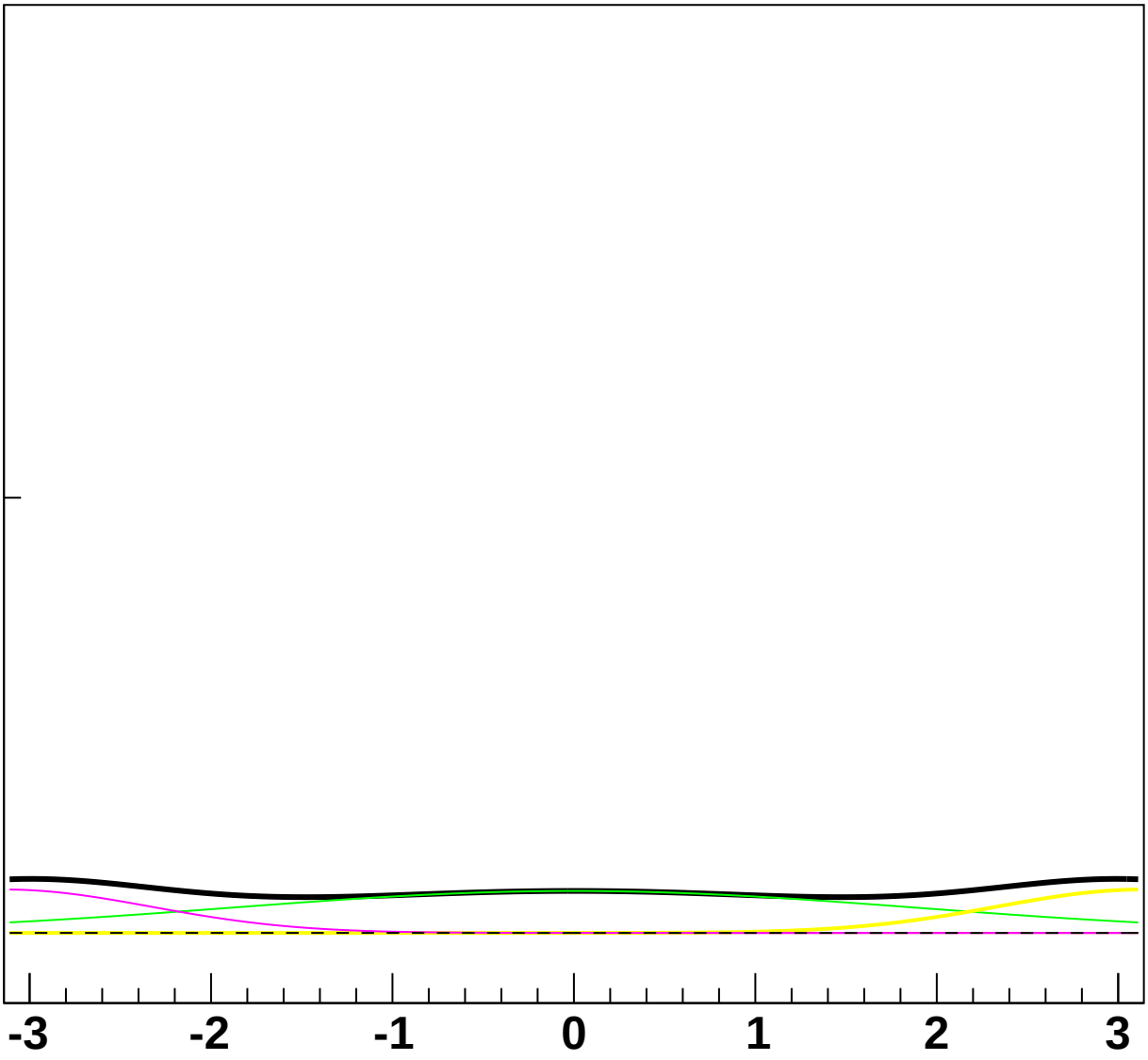


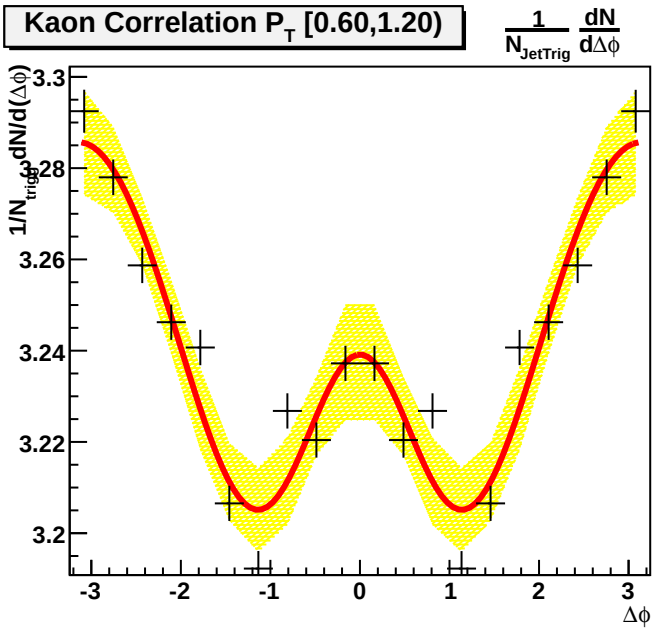
Away Side Yield Pions

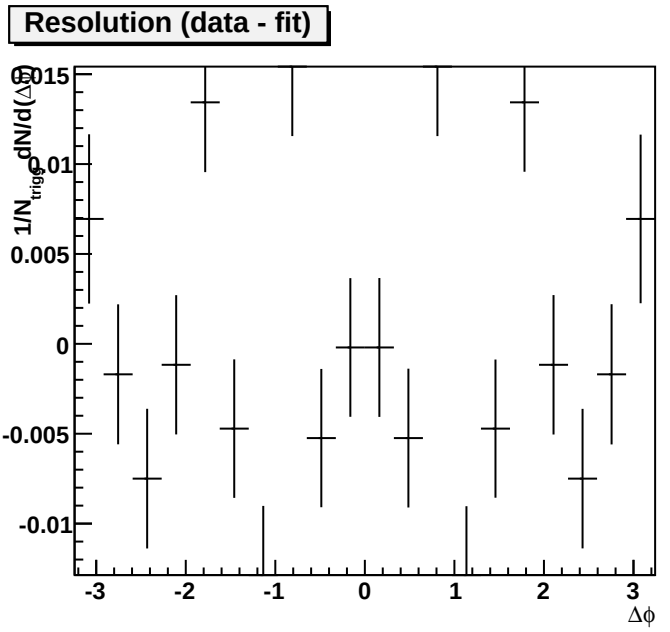


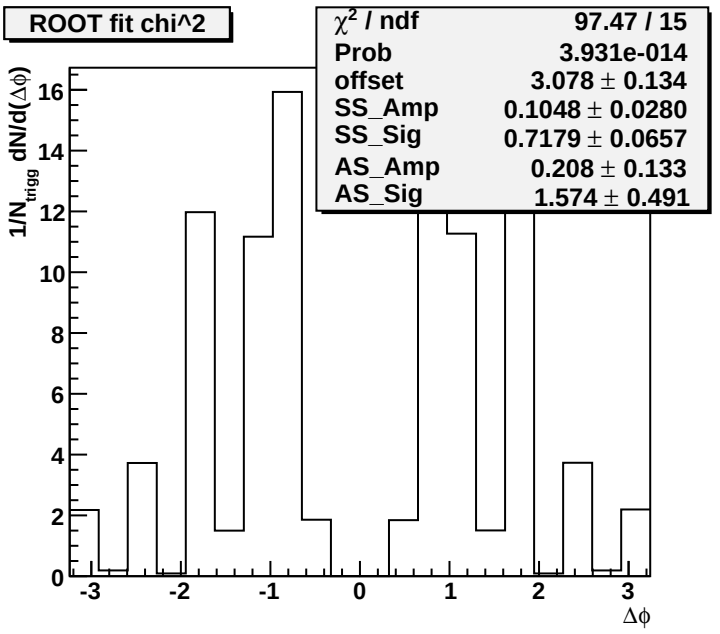

Full azimuth Yield Pions
10
1
10^-1
0
0.5
1
1.5
2
2.5
3

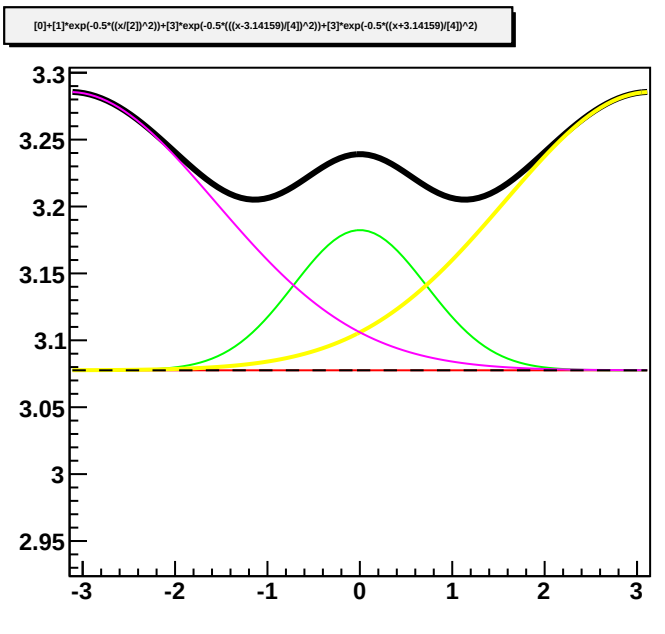
[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

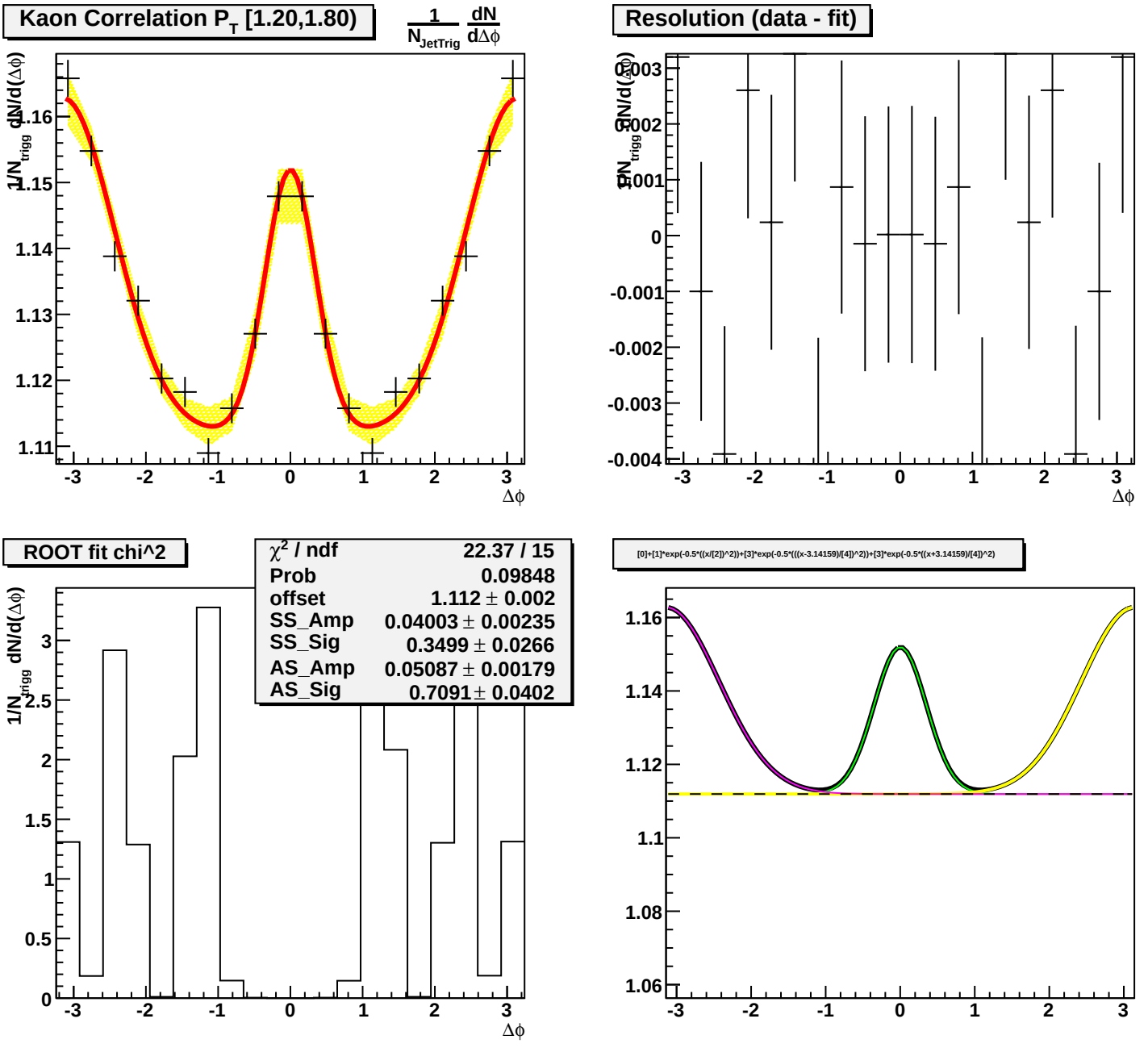


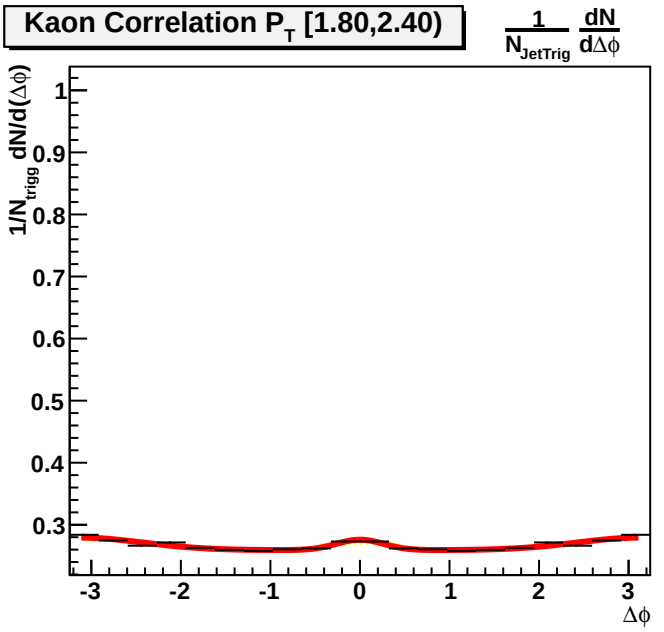

Kaon Correlation P_T [0.60,1.20)
1/N_JetTrig dN/dΔφ
1/N_trigg dN/d(Δφ)
Δφ

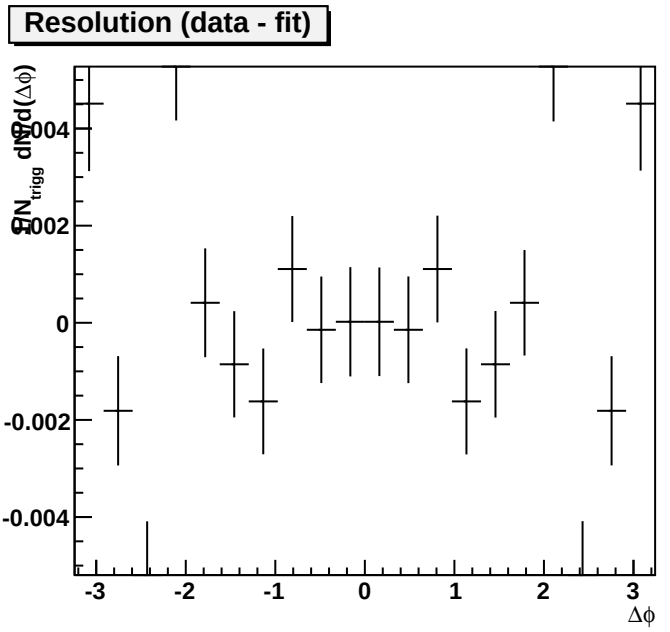

Resolution (data - fit)
1/N_trigg dN/d(Δφ)
Δφ

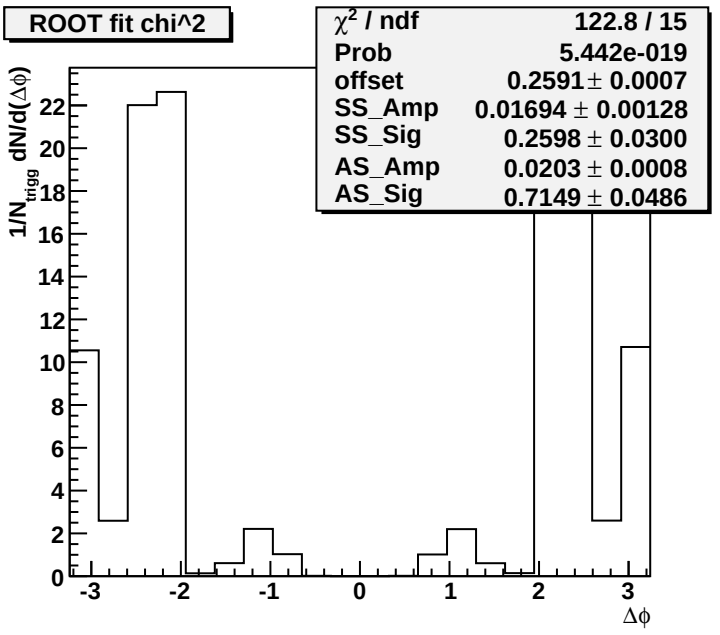

ROOT fit chi^2
χ² / ndf 97.47 / 15
Prob 3.931e-014
offset 3.078 ± 0.134
SS_Amp 0.1048 ± 0.0280
SS_Sig 0.7179 ± 0.0657
AS_Amp 0.208 ± 0.133
AS_Sig 1.574 ± 0.491
1/N_trigg dN/d(Δφ)
Δφ

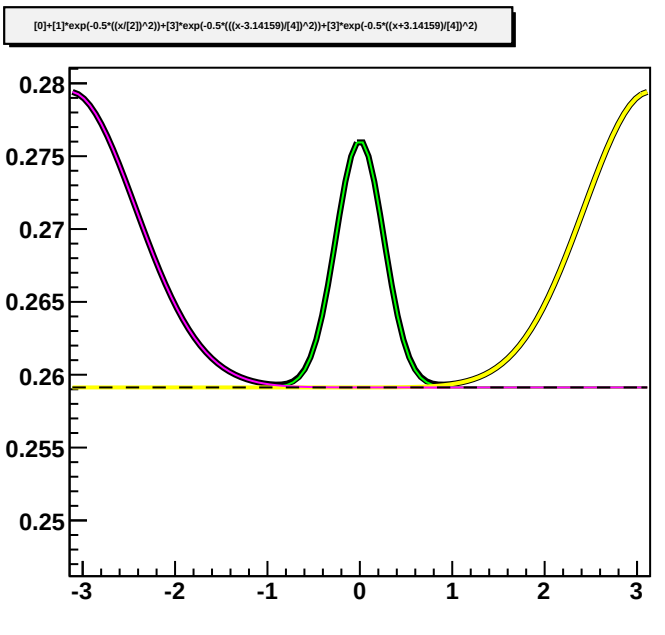

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

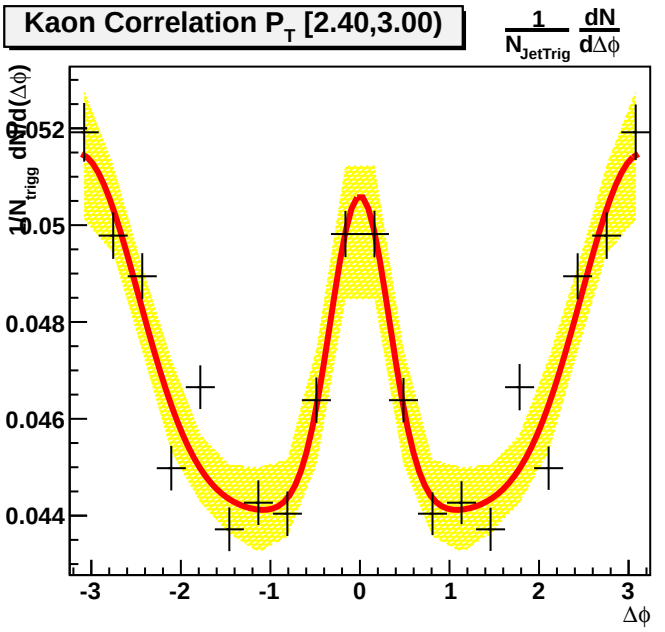

Kaon Correlation P_T [1.20,1.80)
1/N_JetTrig dN/dΔφ
1/N_trigg dN/d(Δφ)
Δφ
Resolution (data - fit)
ROOT fit chi^2
χ² / ndf 22.37 / 15
Prob 0.09848
offset 1.112 ± 0.002
SS_Amp 0.04003 ± 0.00235
SS_Sig 0.3499 ± 0.0266
AS_Amp 0.05087 ± 0.00179
AS_Sig 0.7091 ± 0.0402
[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)

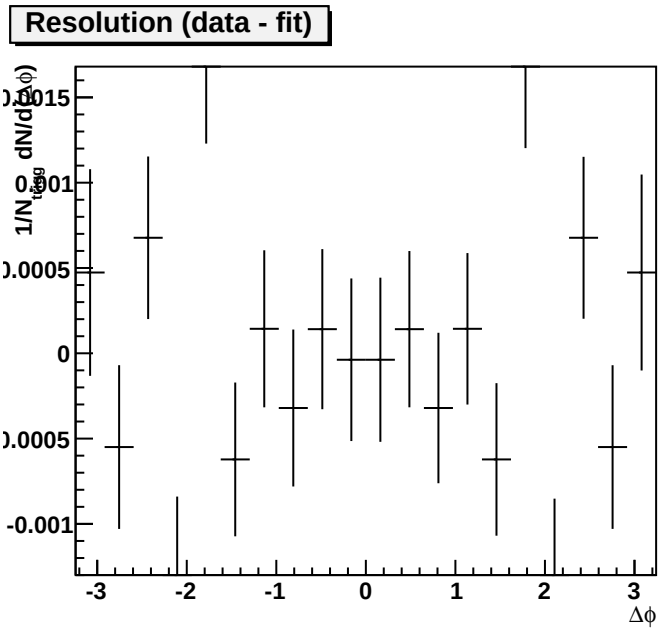

Kaon Correlation P_T [1.80,2.40)
1/N_JetTrig dN/dΔφ
1/N_trigg dN/d(Δφ)
Δφ

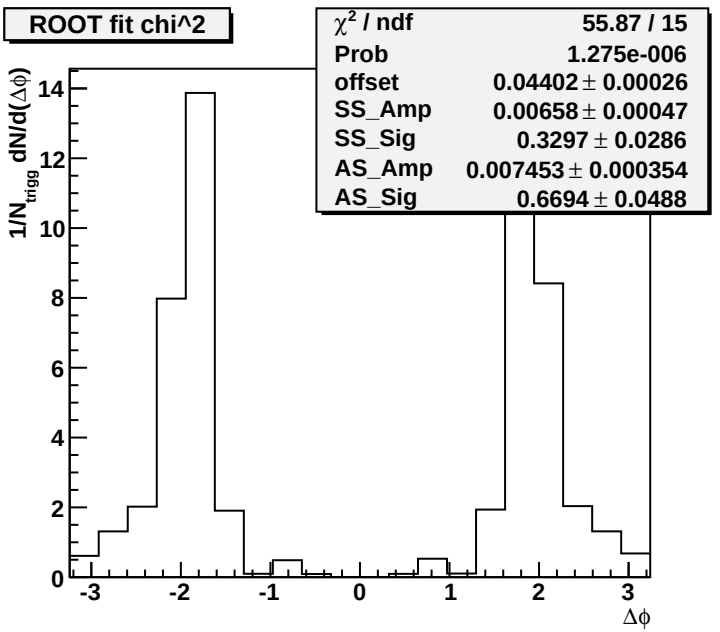

Resolution (data - fit)
1/N_trigg dN/d(Δφ)
Δφ

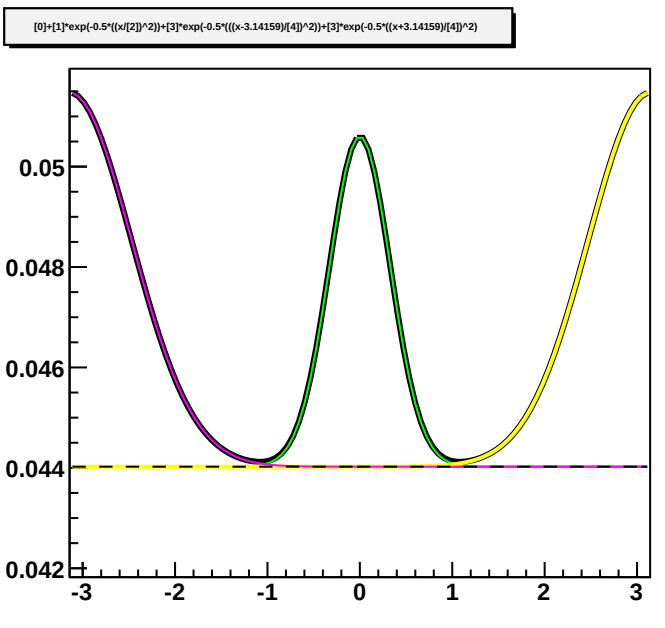

ROOT fit chi^2
χ² / ndf 122.8 / 15
Prob 5.442e-019
offset 0.2591 ± 0.0007
SS_Amp 0.01694 ± 0.00128
SS_Sig 0.2598 ± 0.0300
AS_Amp 0.0203 ± 0.0008
AS_Sig 0.7149 ± 0.0486
1/N_trigg dN/d(Δφ)
Δφ

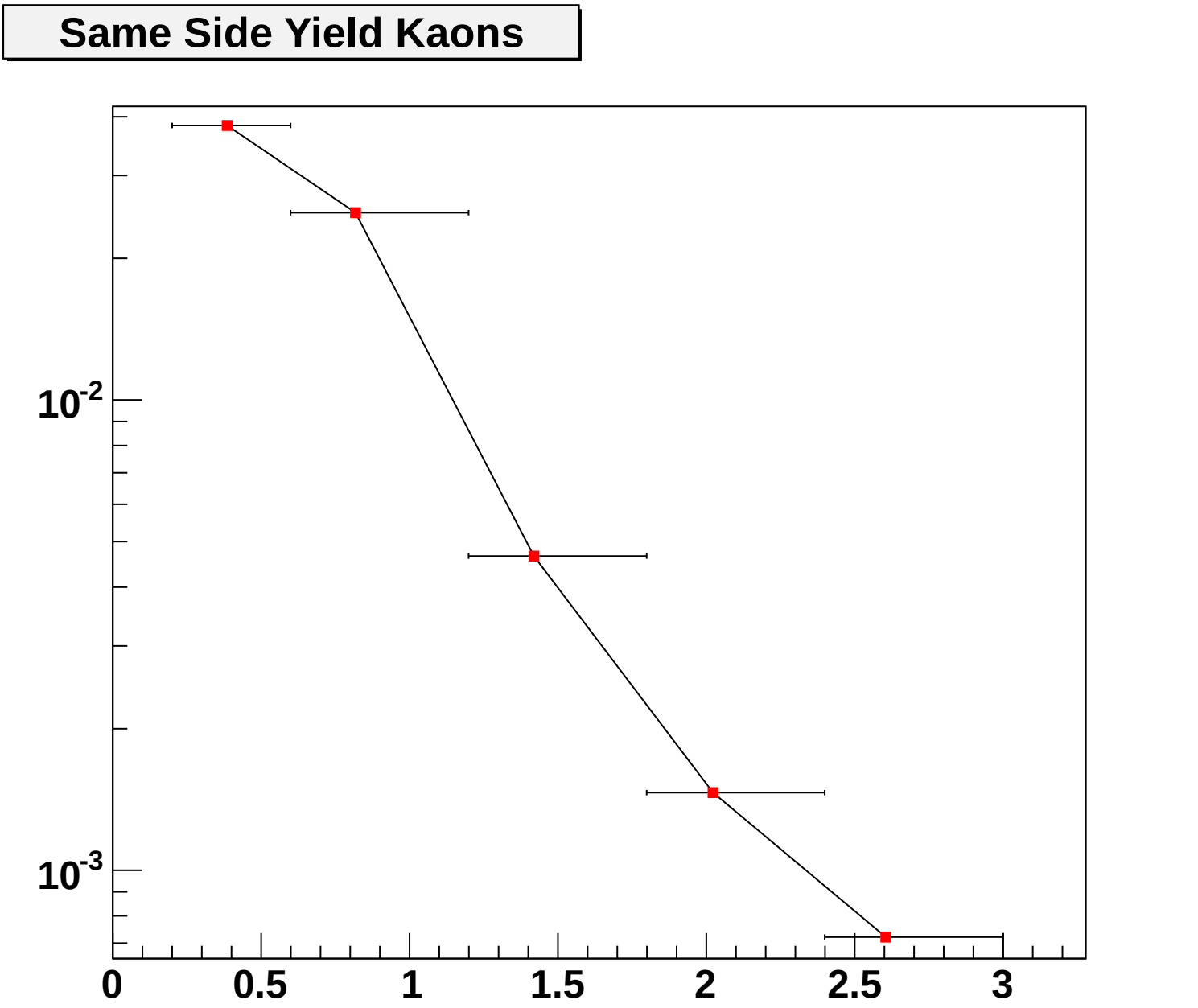

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)


Kaon Correlation P_T [2.40,3.00)
1/N_JetTrig dN/dΔφ
1/N_trigg dN/d(Δφ)
0.052
0.05
0.048
0.046
0.044
-3
-2
-1
0
1
2
3
Δφ

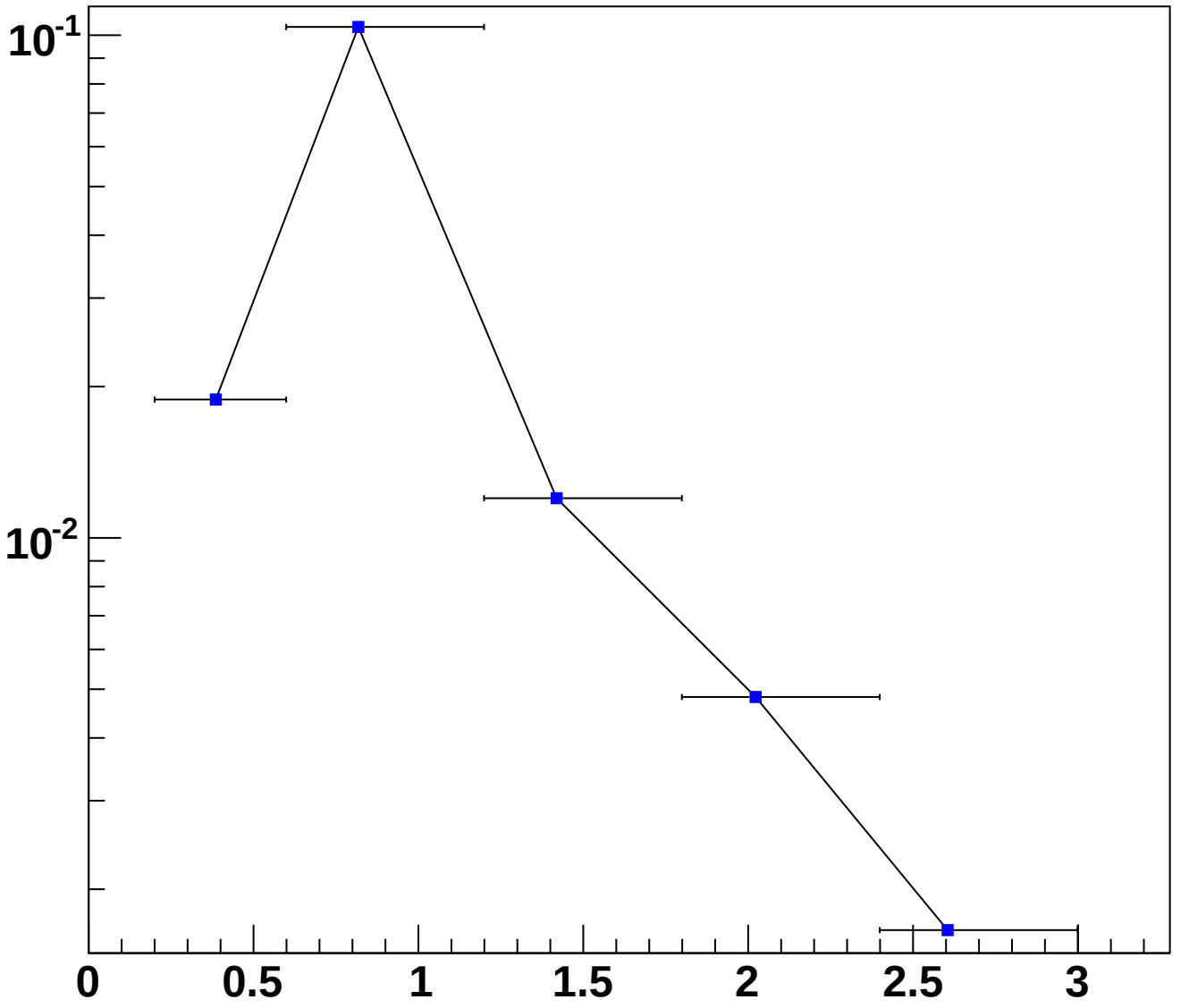

Resolution (data - fit)
1/N_trigg dN/d(Δφ)
0.0015
0.001
0.0005
0
-0.0005
-0.001
-3
-2
-1
0
1
2
3
Δφ

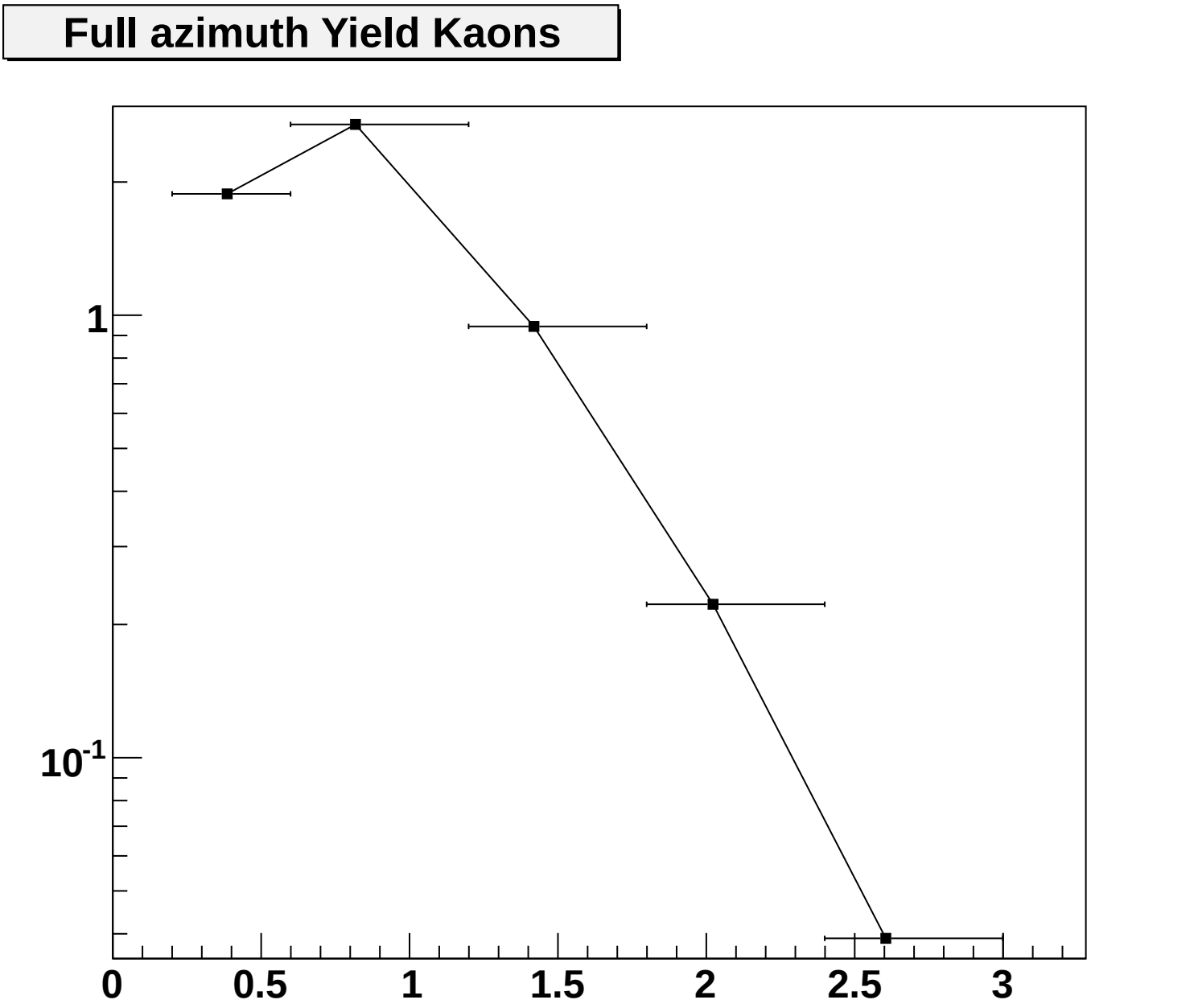

ROOT fit chi^2
χ² / ndf 55.87 / 15
Prob 1.275e-006
offset 0.04402 ± 0.00026
SS_Amp 0.00658 ± 0.00047
SS_Sig 0.3297 ± 0.0286
AS_Amp 0.007453 ± 0.000354
AS_Sig 0.6694 ± 0.0488
1/N_trigg dN/d(Δφ)
14
12
10
8
6
4
2
0
-3
-2
-1
0
1
2
3
Δφ

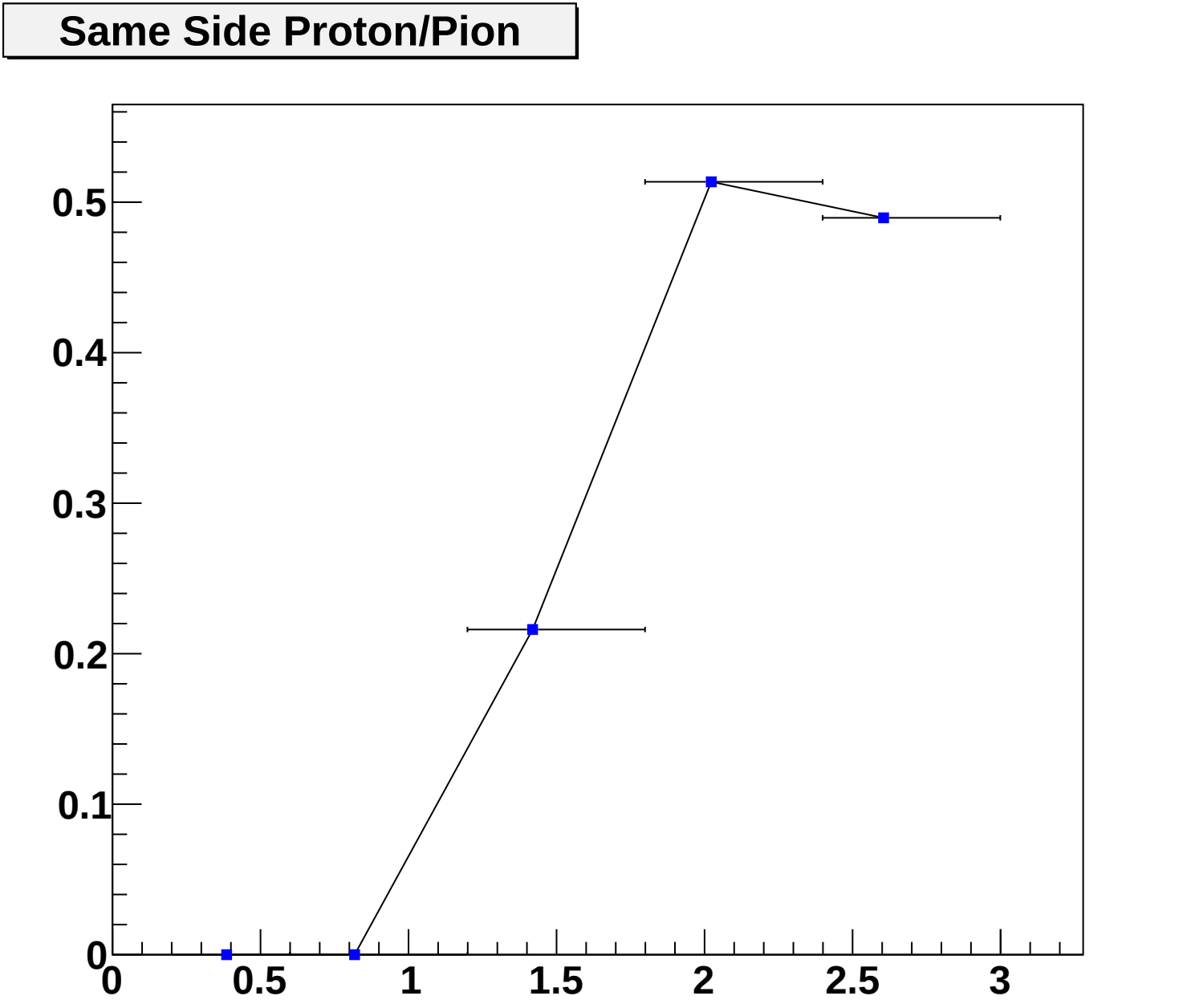

[0]+[1]*exp(-0.5*((x/[2])^2))+[3]*exp(-0.5*(((x-3.14159)/[4])^2))+[3]*exp(-0.5*((x+3.14159)/[4])^2)
0.05
0.048
0.046
0.044
0.042
-3
-2
-1
0
1
2
3


Same Side Yield Kaons
10-2
10-3
0
0.5
1
1.5
2
2.5
3

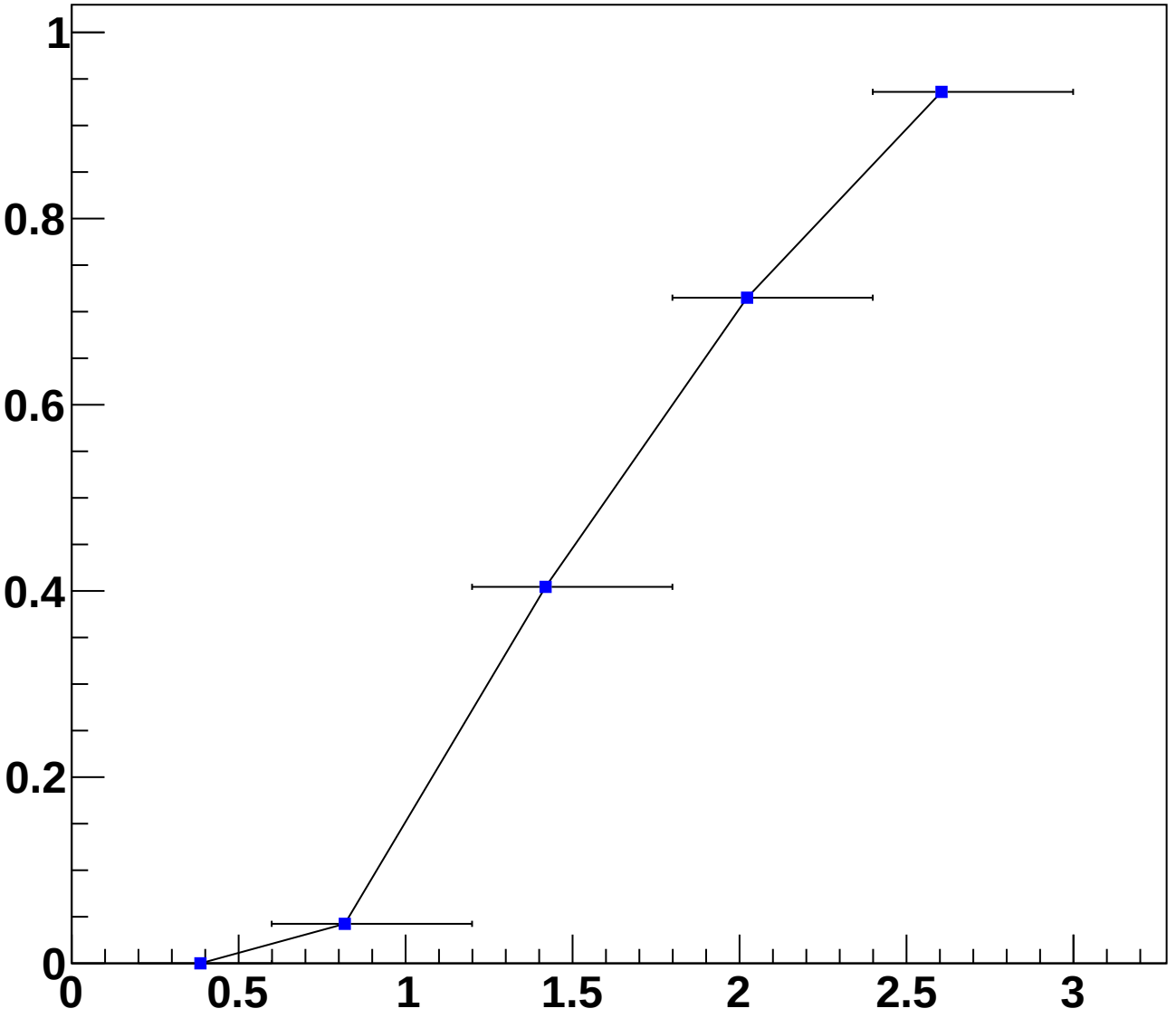
Away Side Yield Kaons

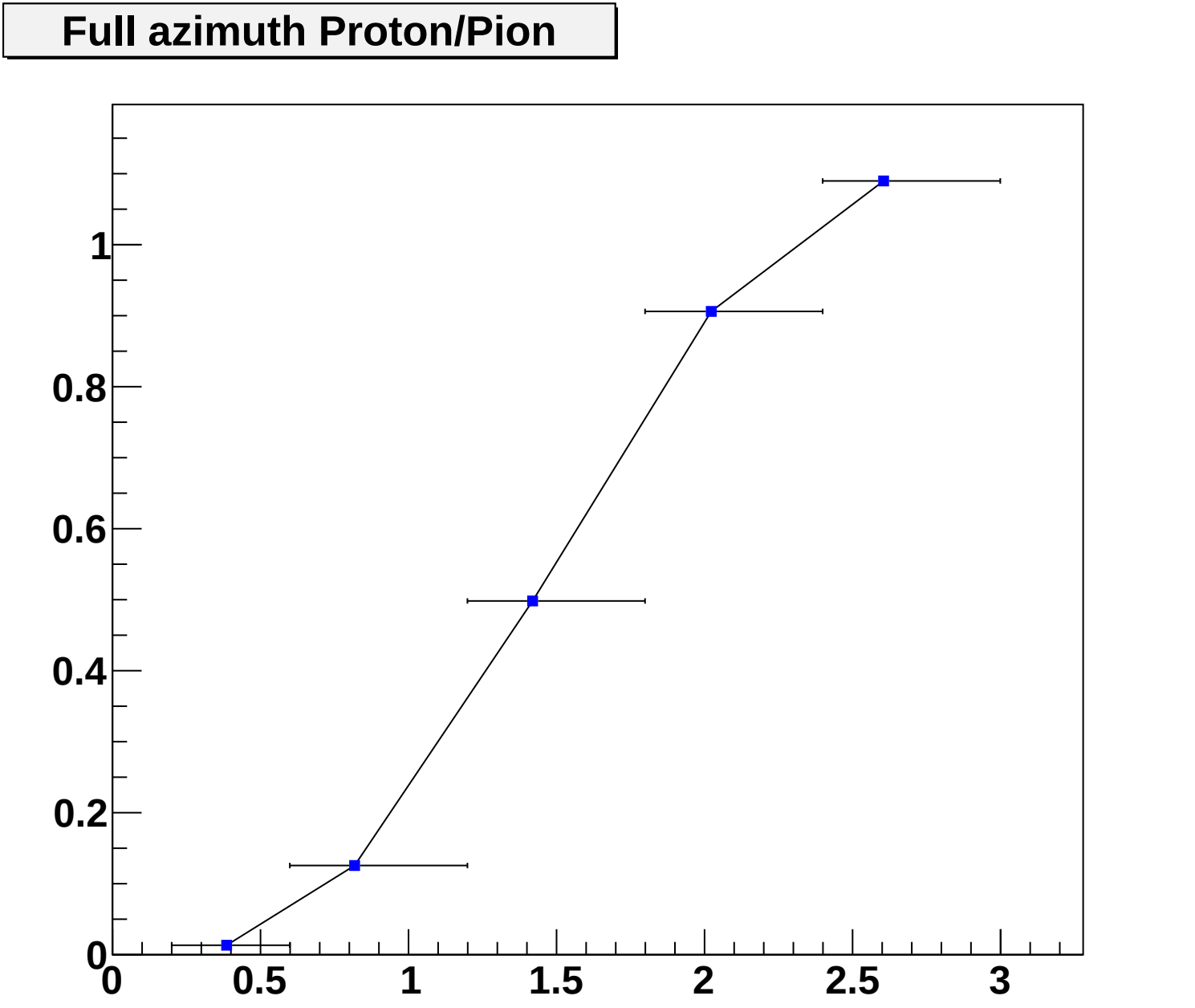


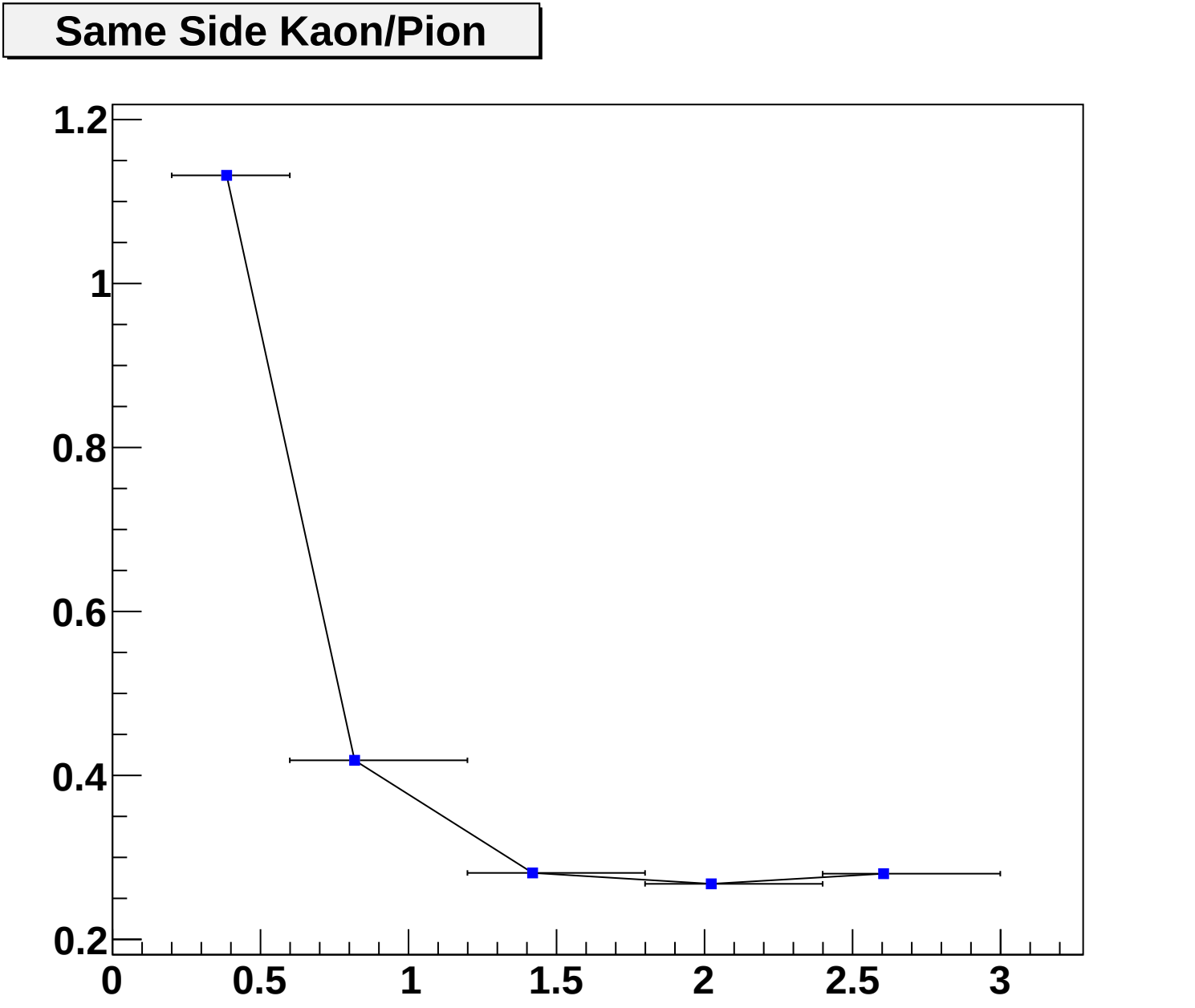

Full azimuth Yield Kaons
1
10-1
0
0.5
1
1.5
2
2.5
3


Same Side Proton/Pion
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3

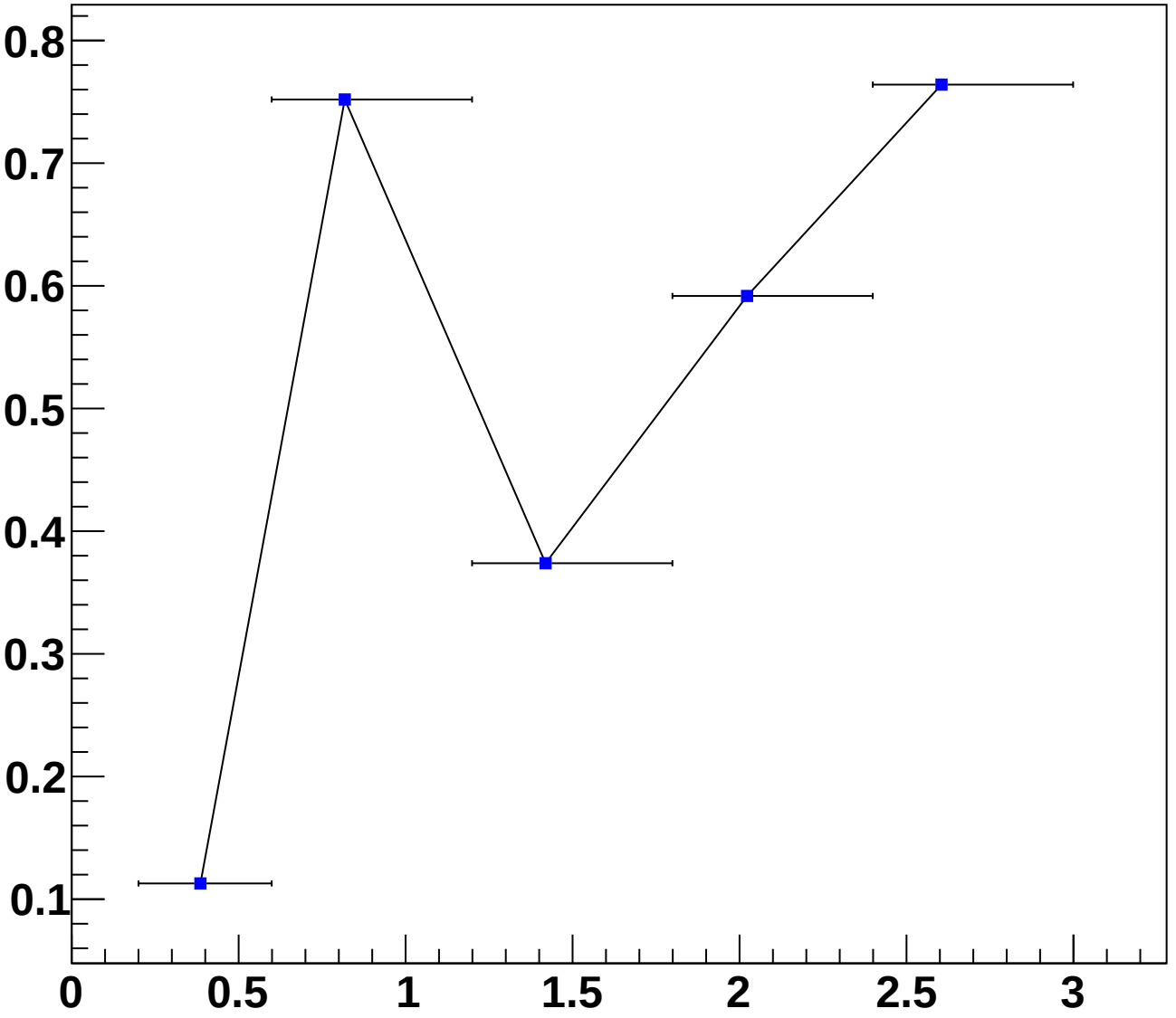
Away Side Proton/Pion

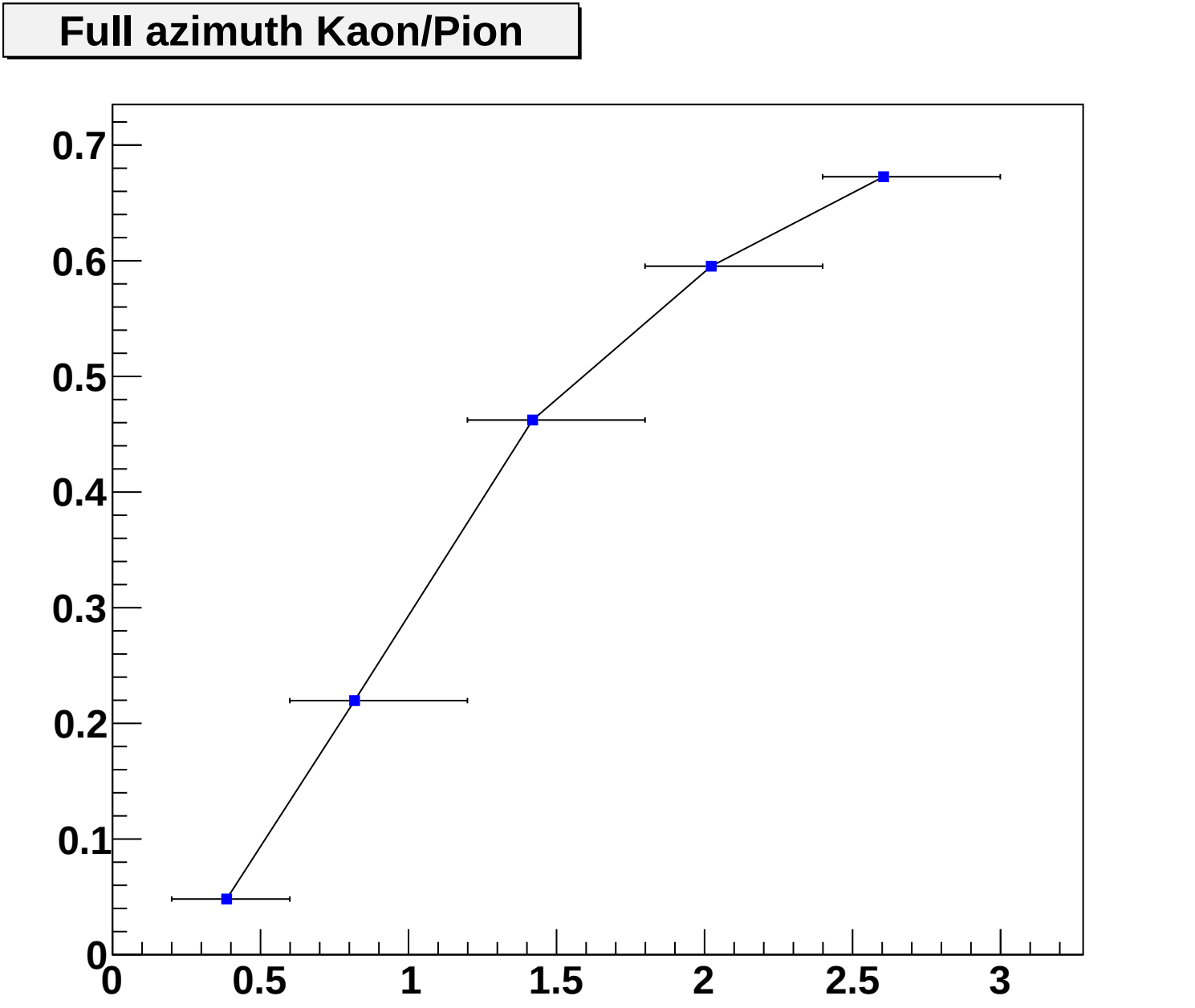



Full azimuth Proton/Pion
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3


Same Side Kaon/Pion
1.2
1
0.8
0.6
0.4
0.2
0
0.5
1
1.5
2
2.5
3

Away Side Kaon/Pion




Full azimuth Kaon/Pion
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3