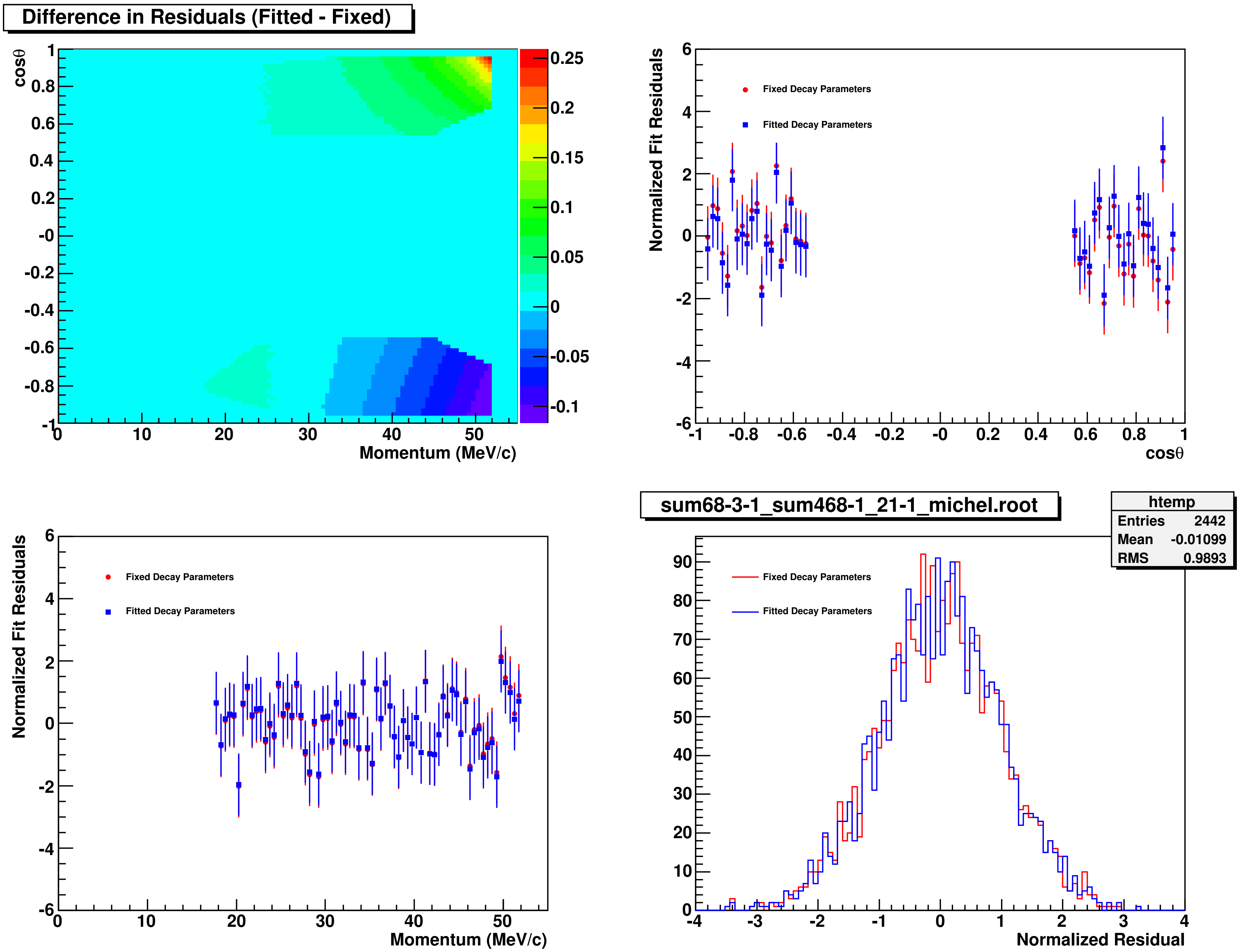
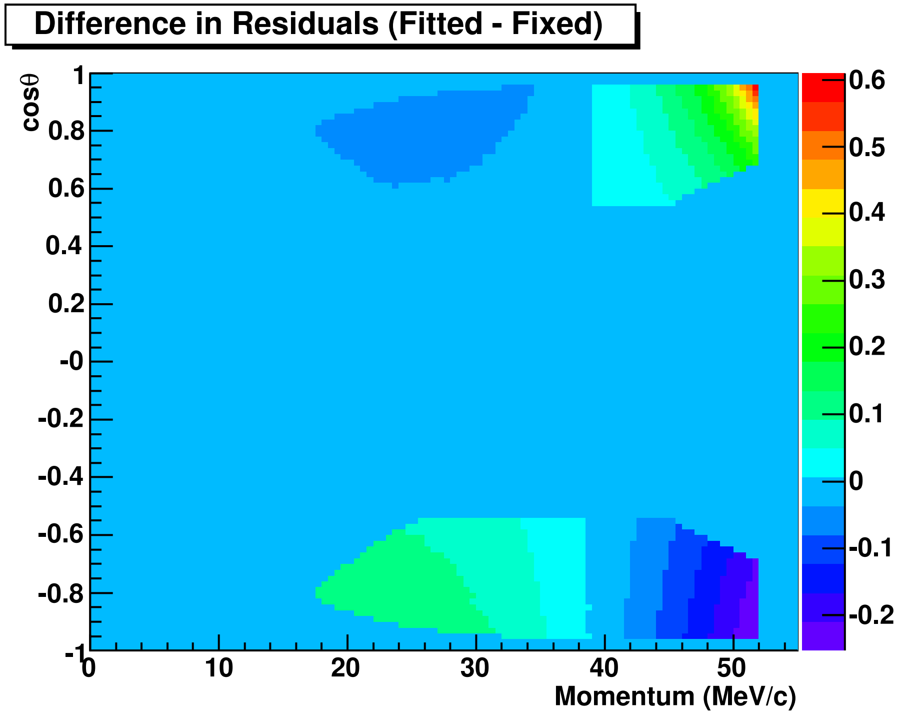
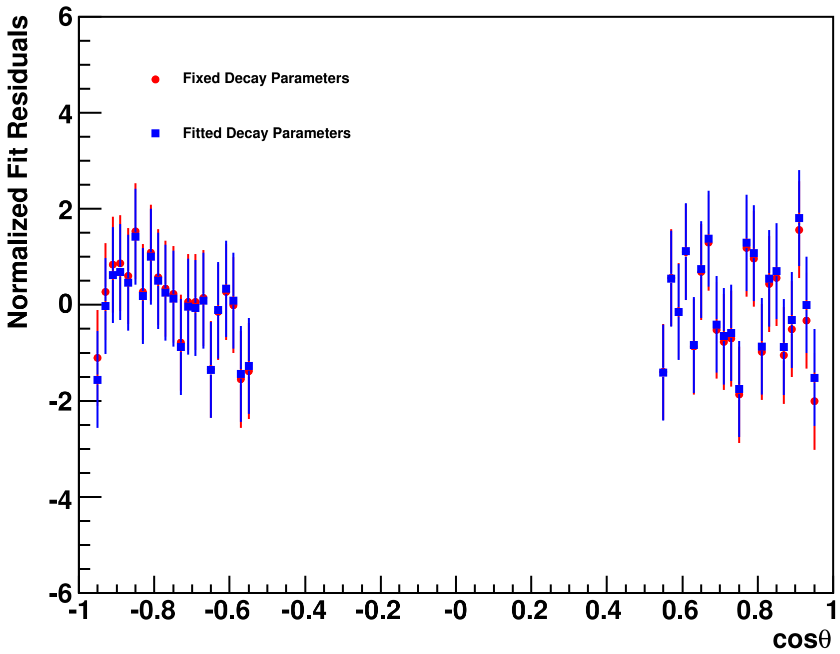
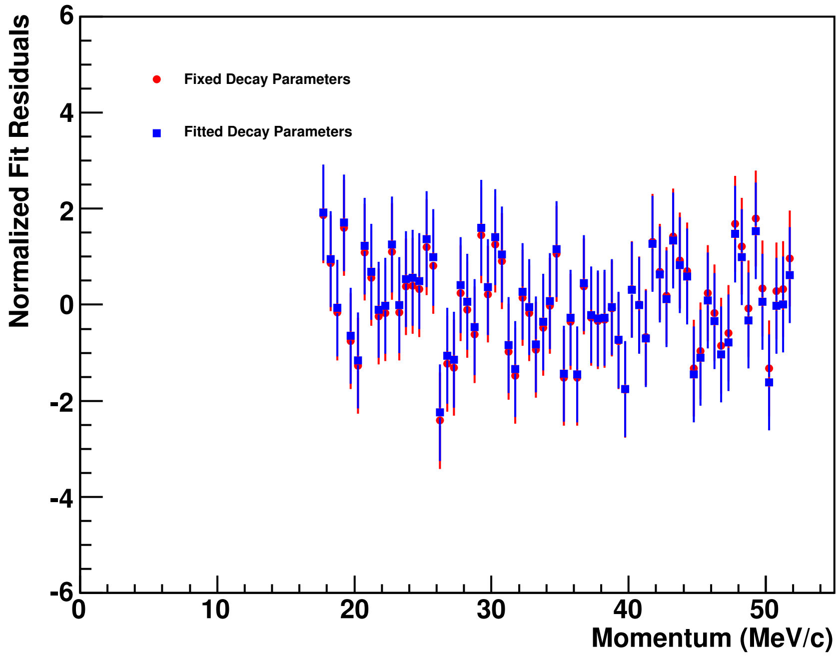
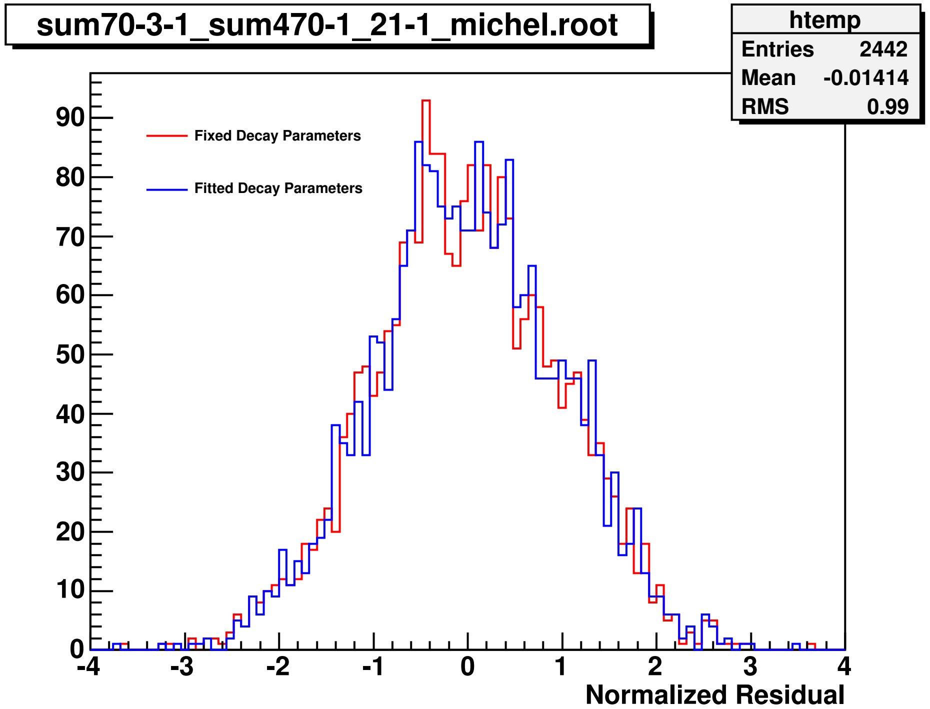
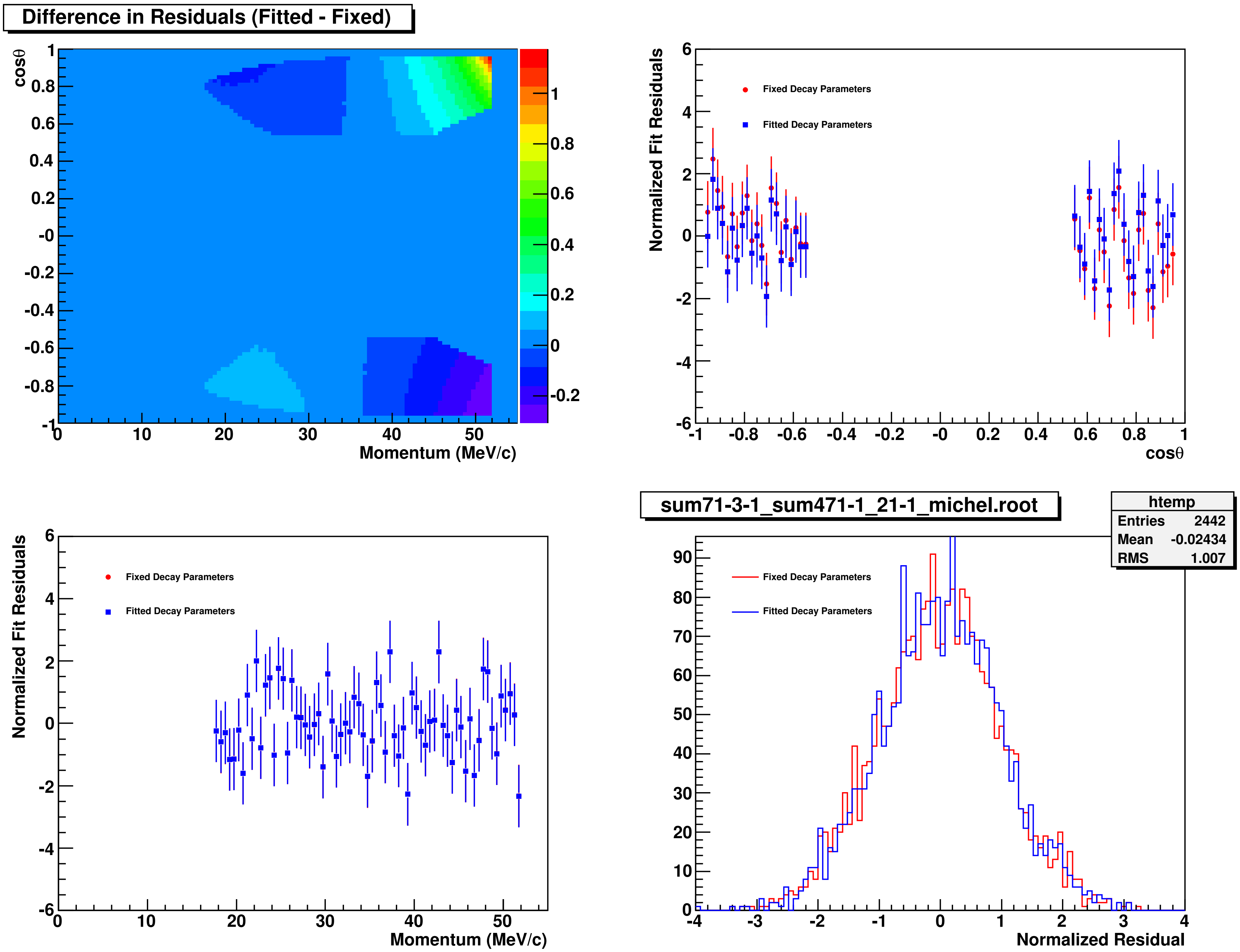

Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)
0.25
0.2
0.15
0.1
0.05
0
-0.05
-0.1
Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
cosθ
Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
Momentum (MeV/c)
sum68-3-1_sum468-1_21-1_michel.root
htemp
Entries 2442
Mean -0.01099
RMS 0.9893
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual


Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)
0.6
0.5
0.4
0.3
0.2
0.1
0
-0.1
-0.2

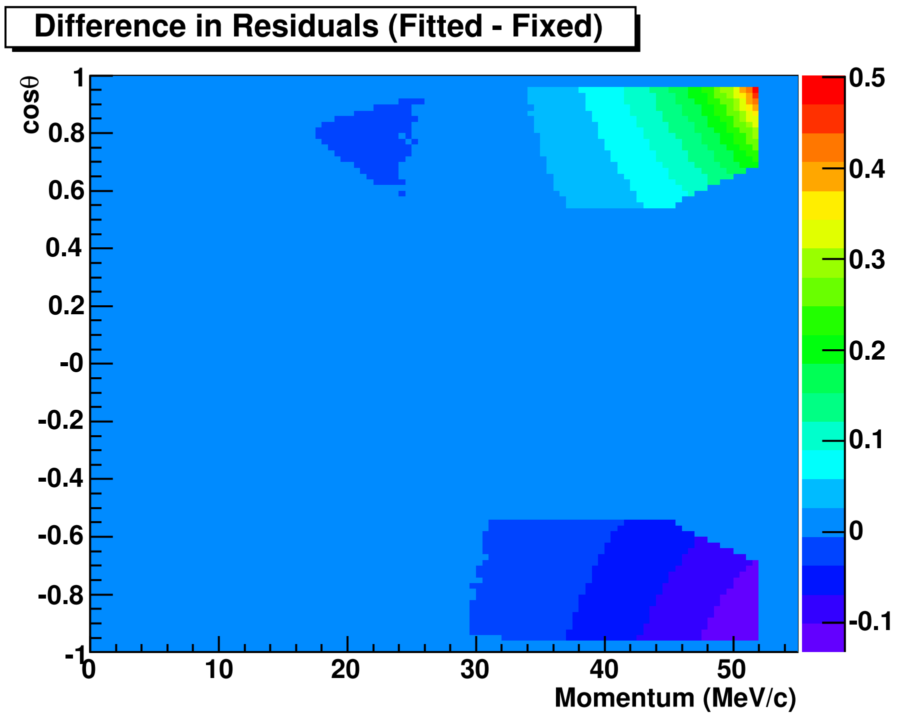

Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
cosθ


Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
Momentum (MeV/c)

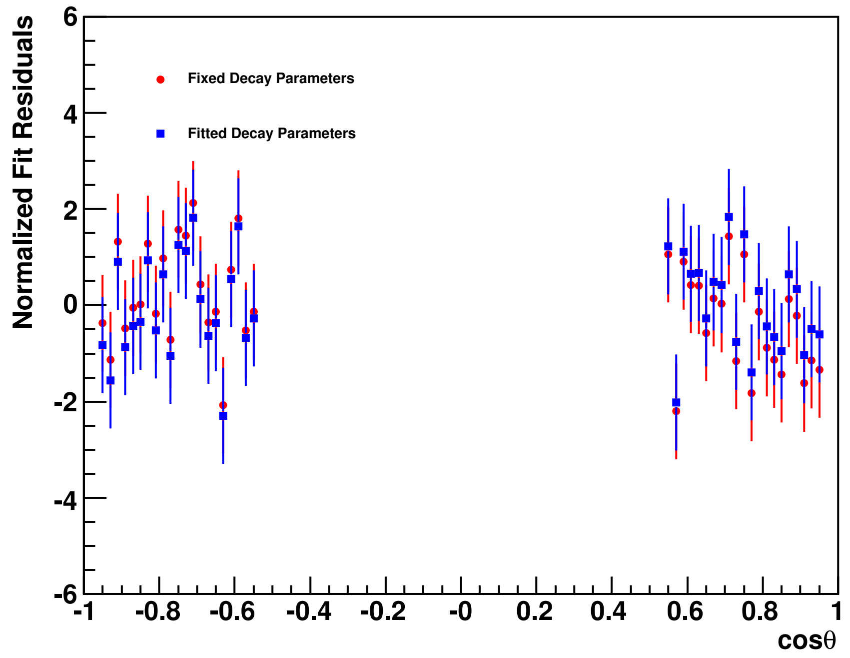

sum70-3-1_sum470-1_21-1_michel.root
htemp
Entries 2442
Mean -0.01414
RMS 0.99
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual



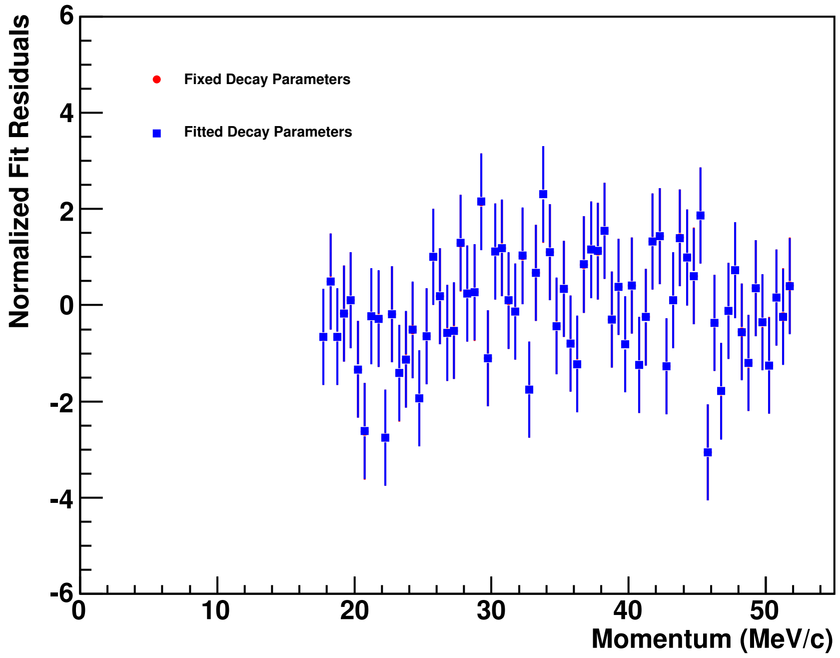
Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)
Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
cosθ
Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
Momentum (MeV/c)
sum71-3-1_sum471-1_21-1_michel.root
htemp
Entries 2442
Mean -0.02434
RMS 1.007
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual



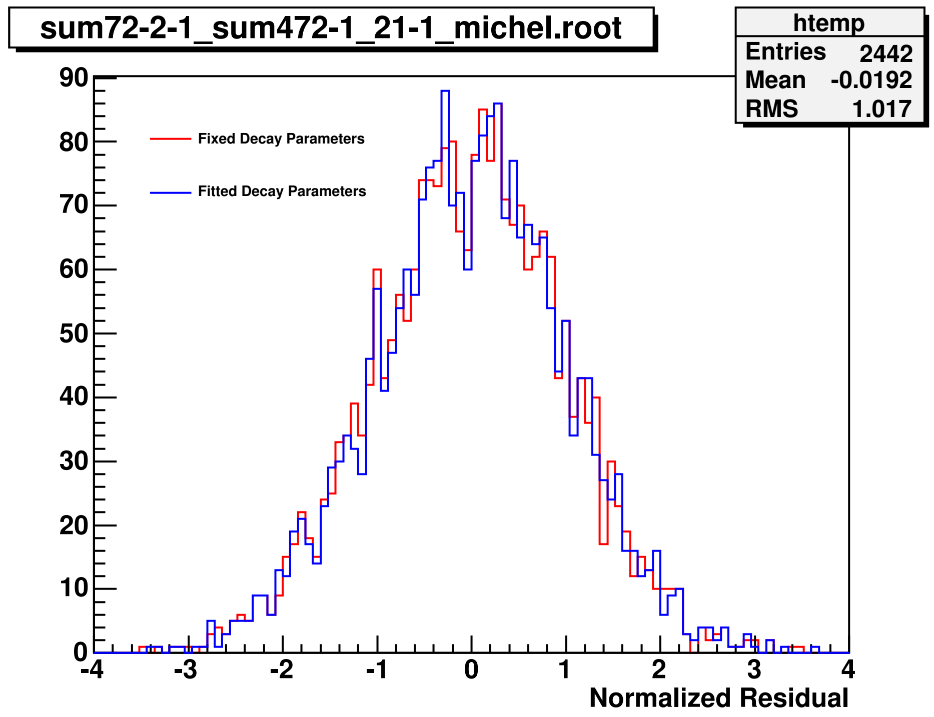
Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)



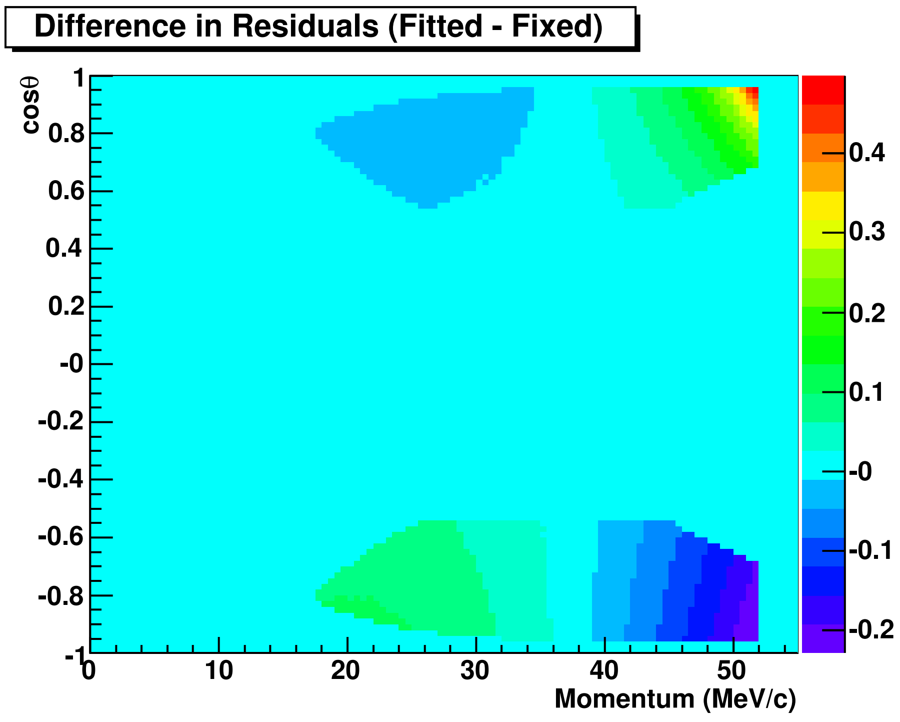
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Fit Residuals
cosθ

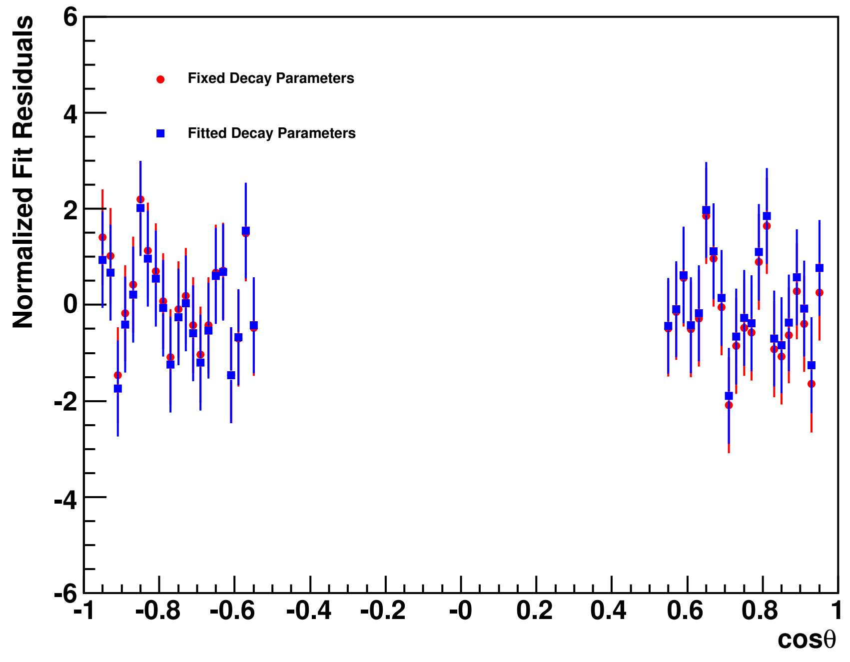


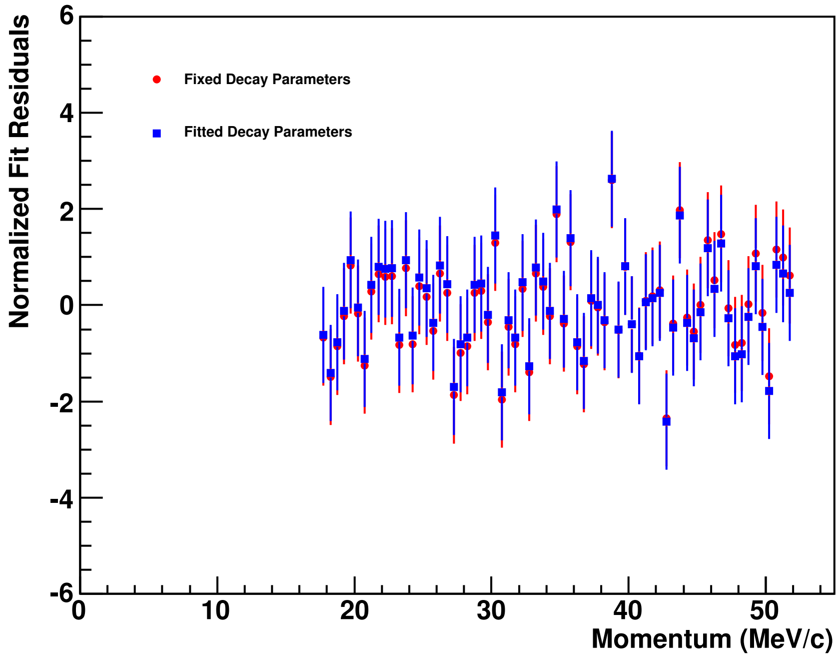
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Fit Residuals
Momentum (MeV/c)

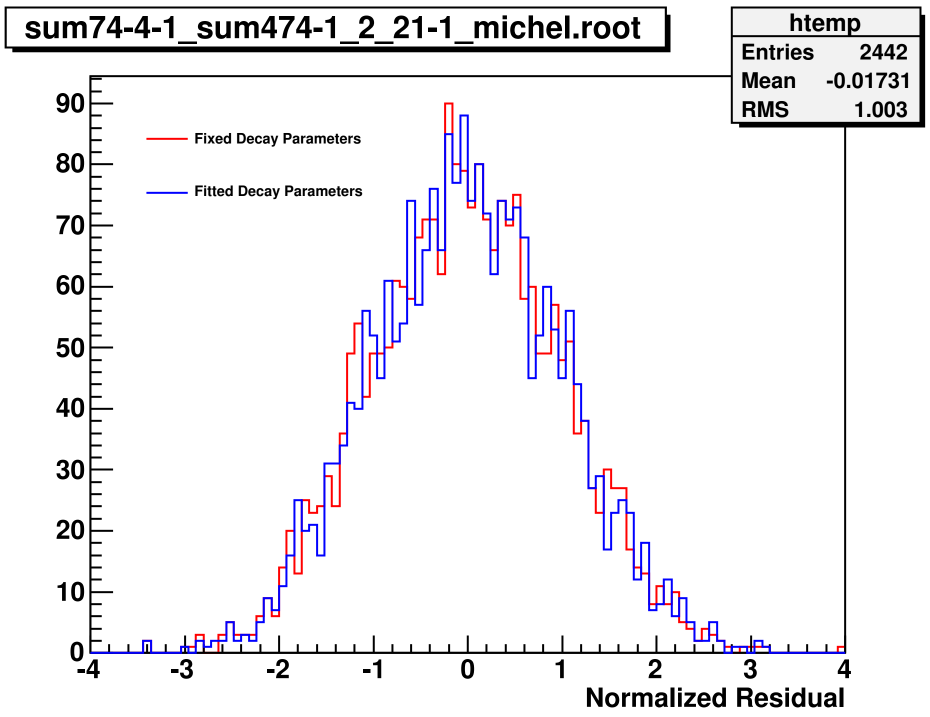


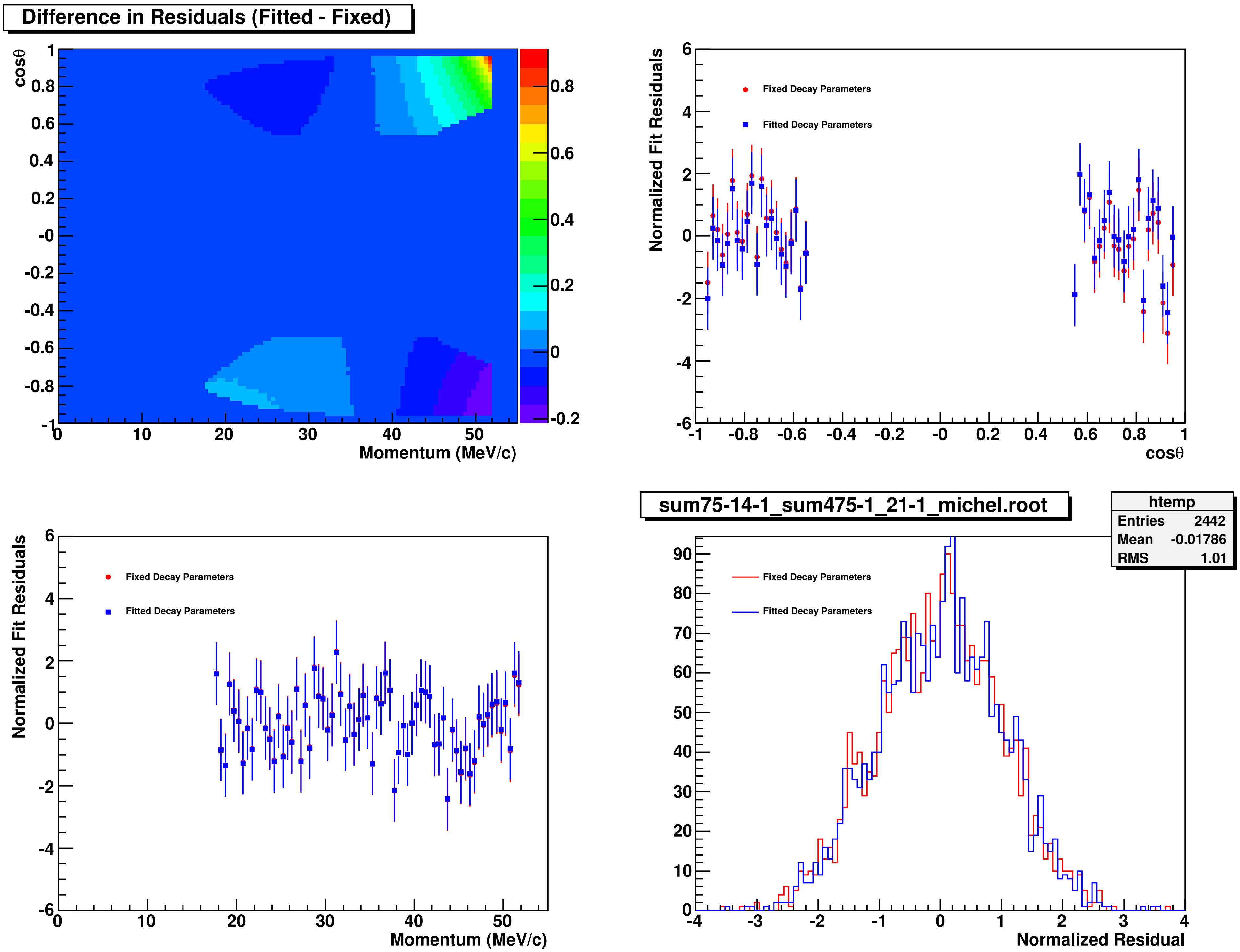
sum72-2-1_sum472-1_21-1_michel.root
htemp
Entries 2442
Mean -0.0192
RMS 1.017
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual


Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)

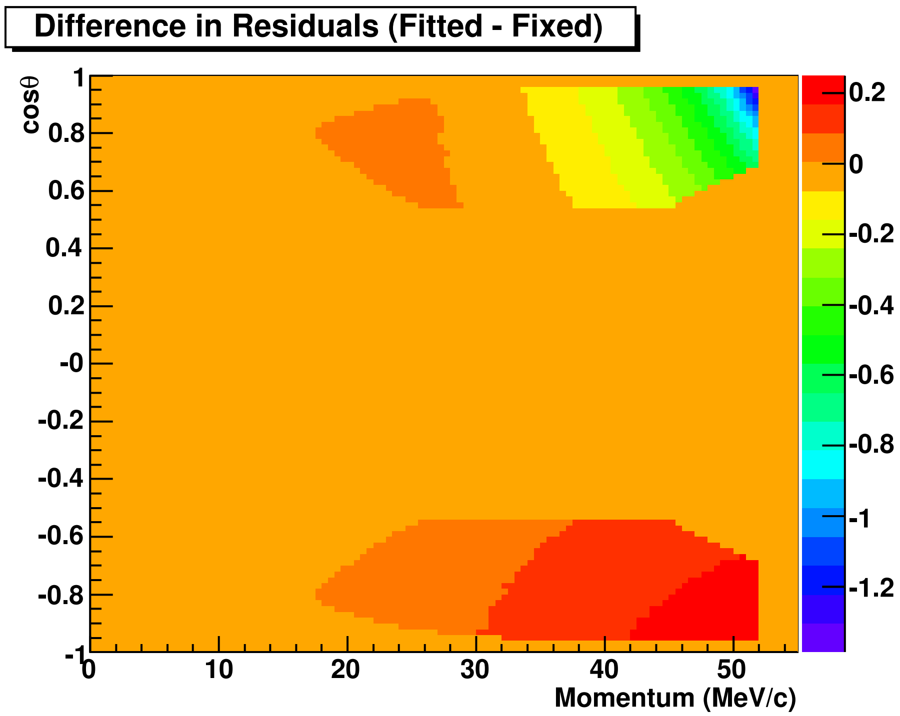

Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
cosθ

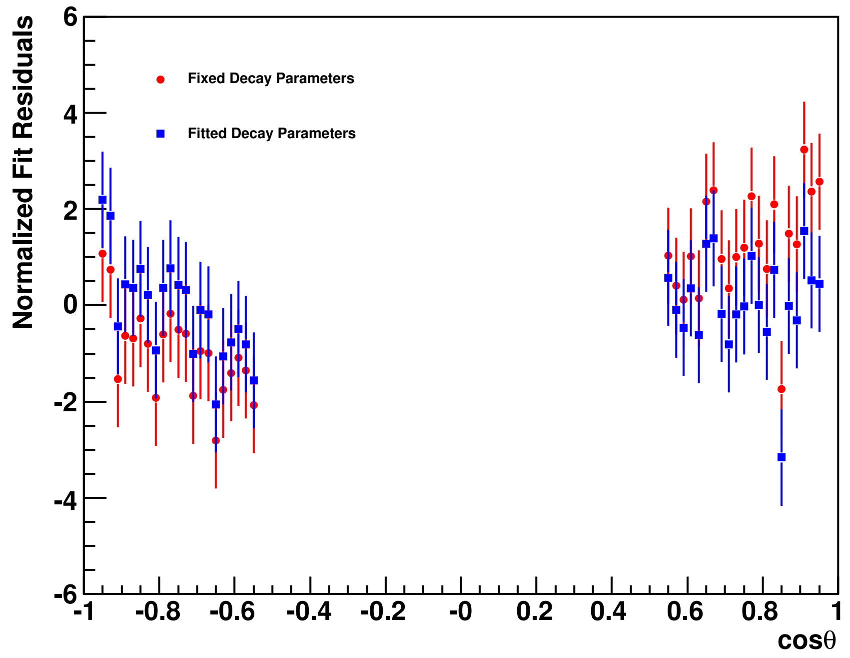

Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
Momentum (MeV/c)

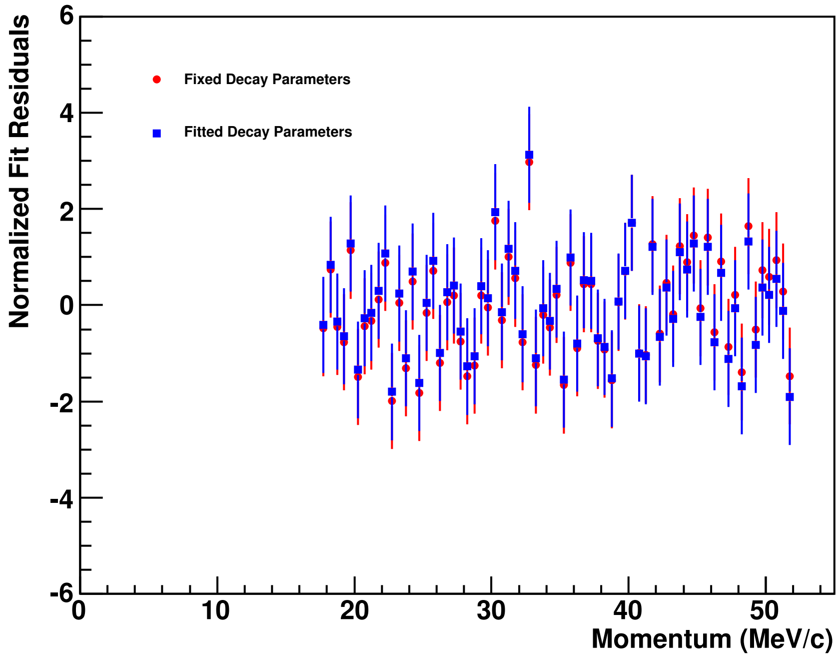

sum74-4-1_sum474-1_2_21-1_michel.root
htemp
Entries 2442
Mean -0.01731
RMS 1.003
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual

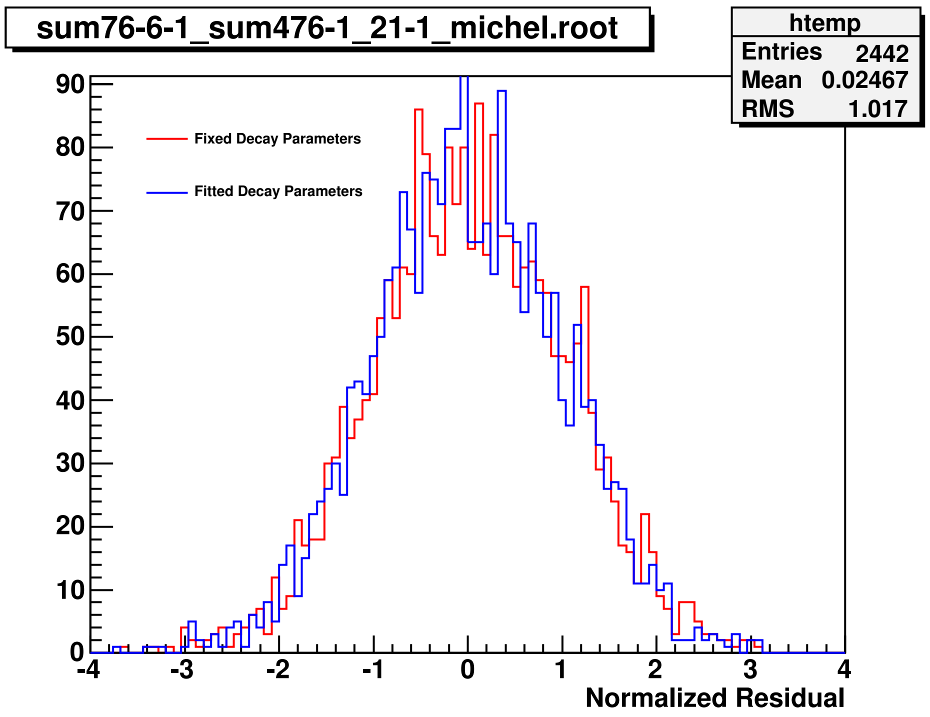


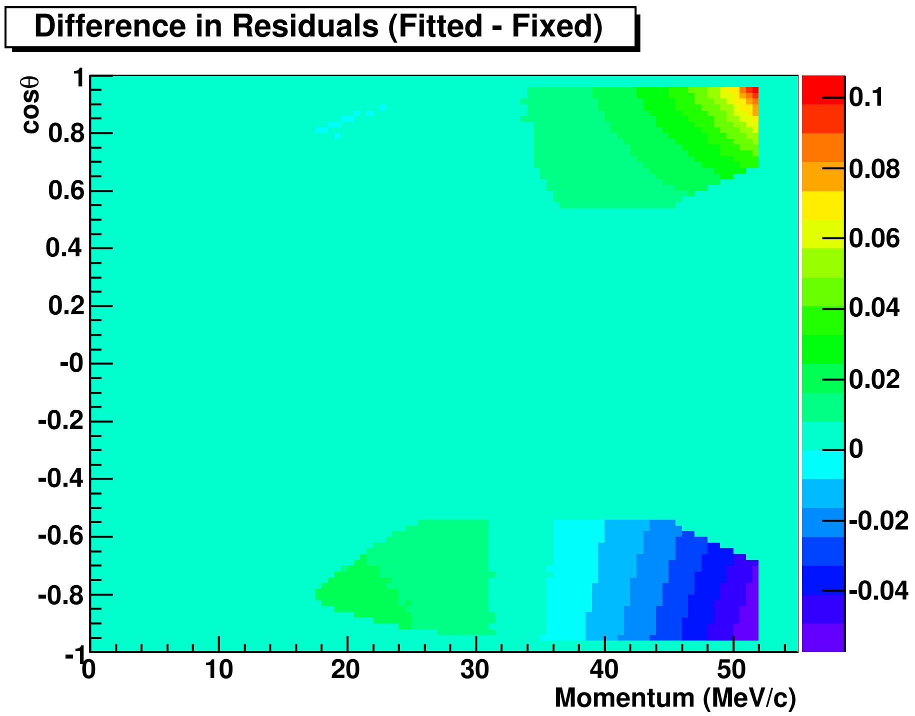
Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)
Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
cosθ
Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
Momentum (MeV/c)
sum75-14-1_sum475-1_21-1_michel.root
htemp
Entries 2442
Mean -0.01786
RMS 1.01
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual

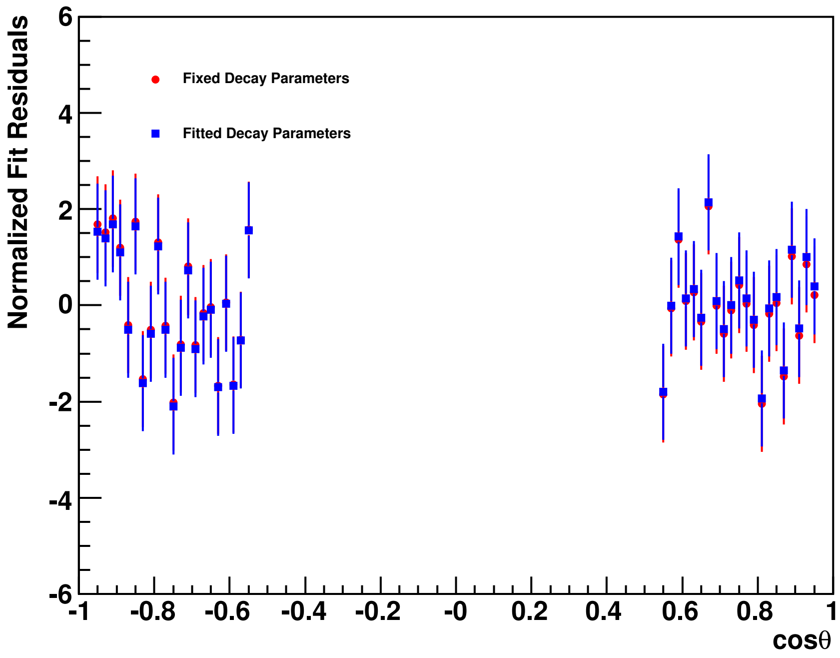

Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
-1.2

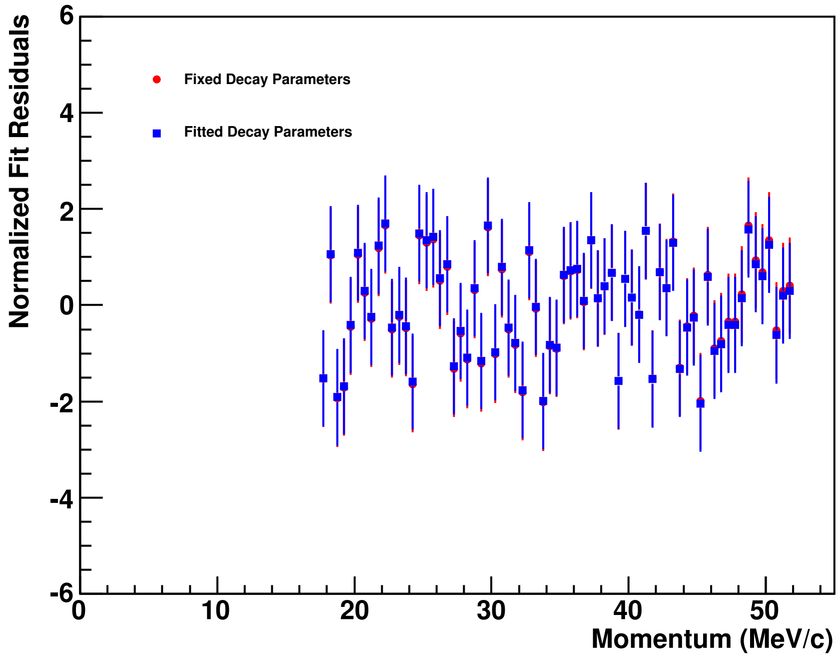

Fixed Decay Parameters
Fitted Decay Parameters
Normalized Fit Residuals
cosθ

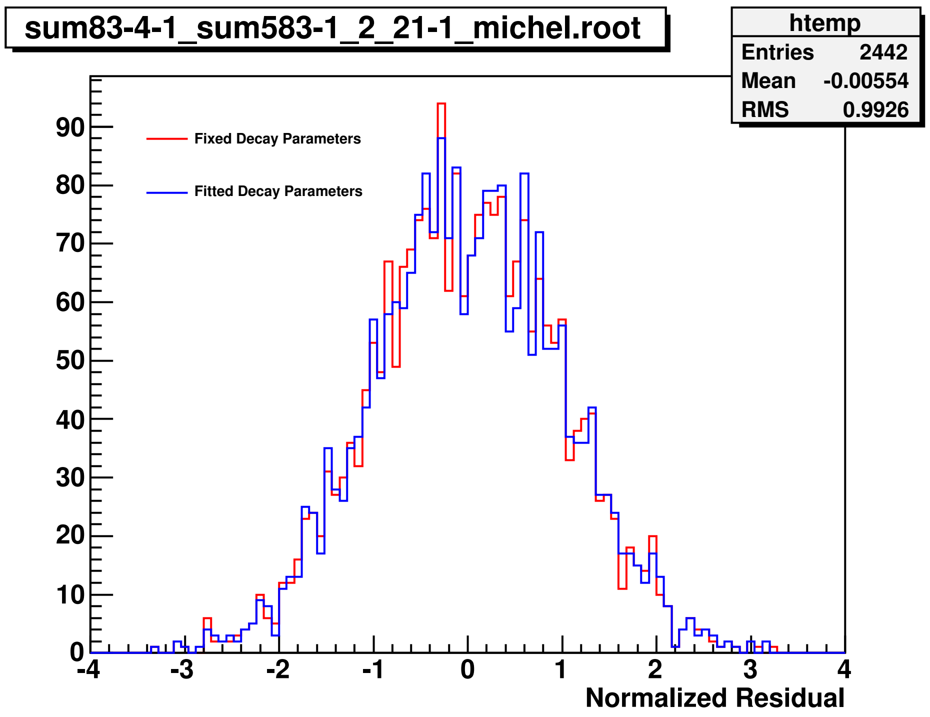

Fixed Decay Parameters
Fitted Decay Parameters
Normalized Fit Residuals
Momentum (MeV/c)

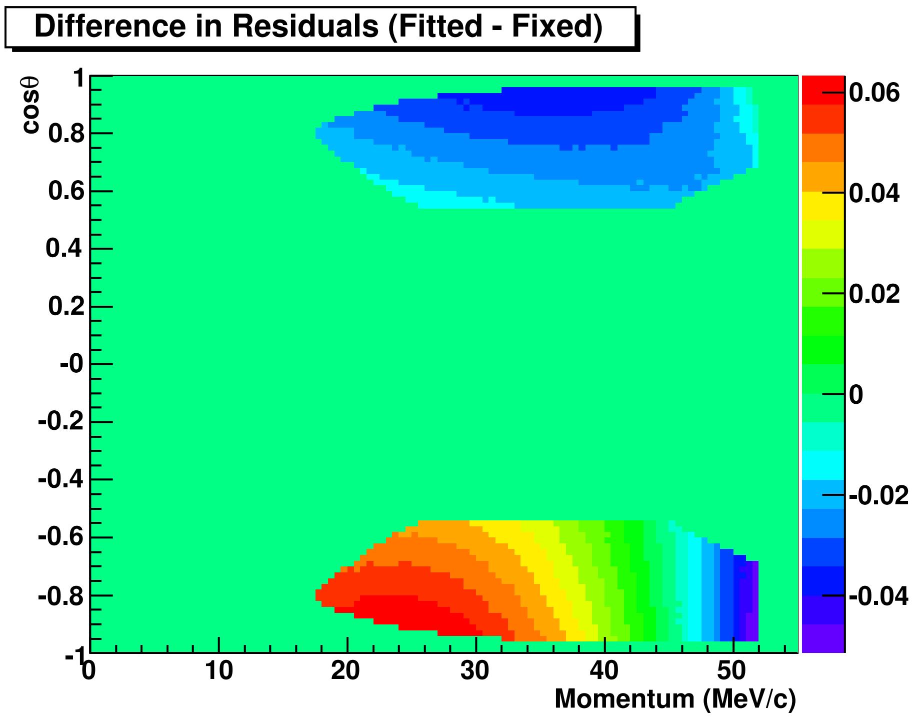

sum76-6-1_sum476-1_21-1_michel.root
htemp
Entries 2442
Mean 0.02467
RMS 1.017
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual

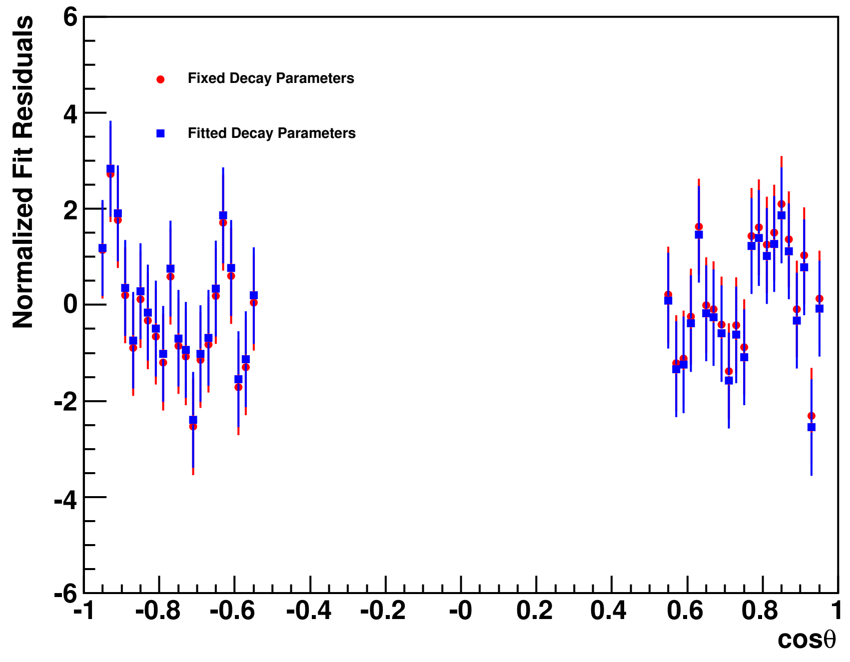

Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)

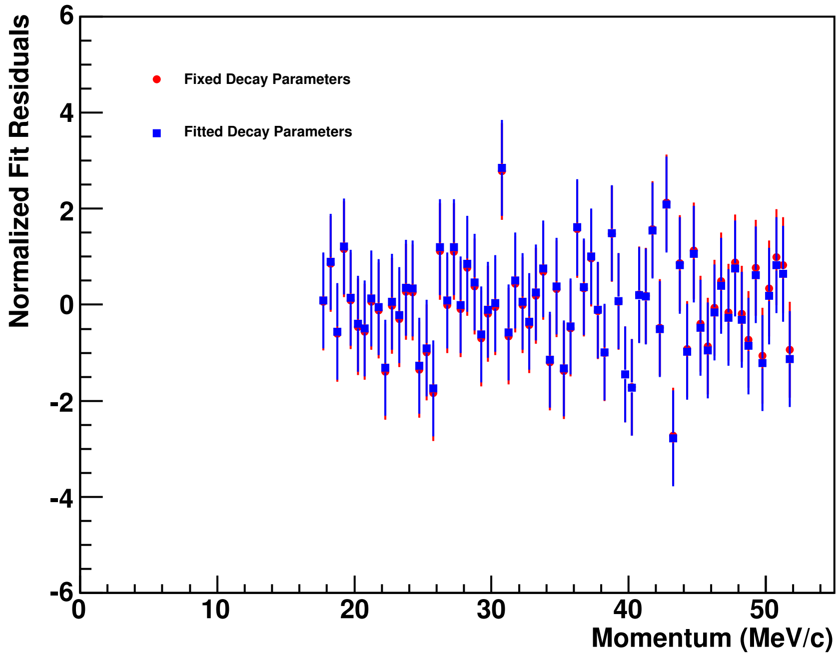

Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
cosθ

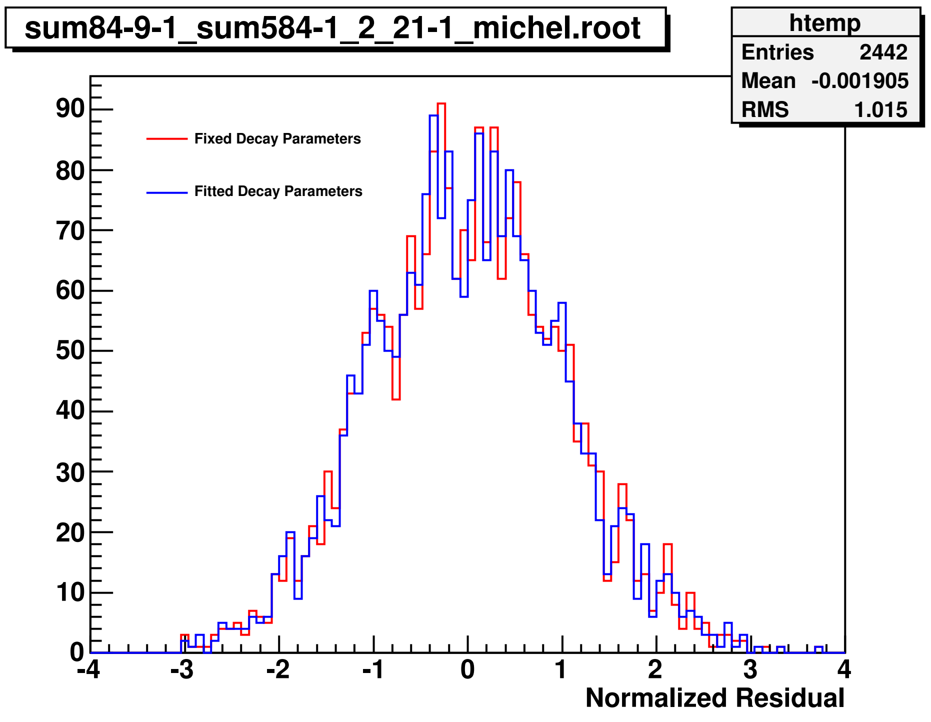

Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
Momentum (MeV/c)

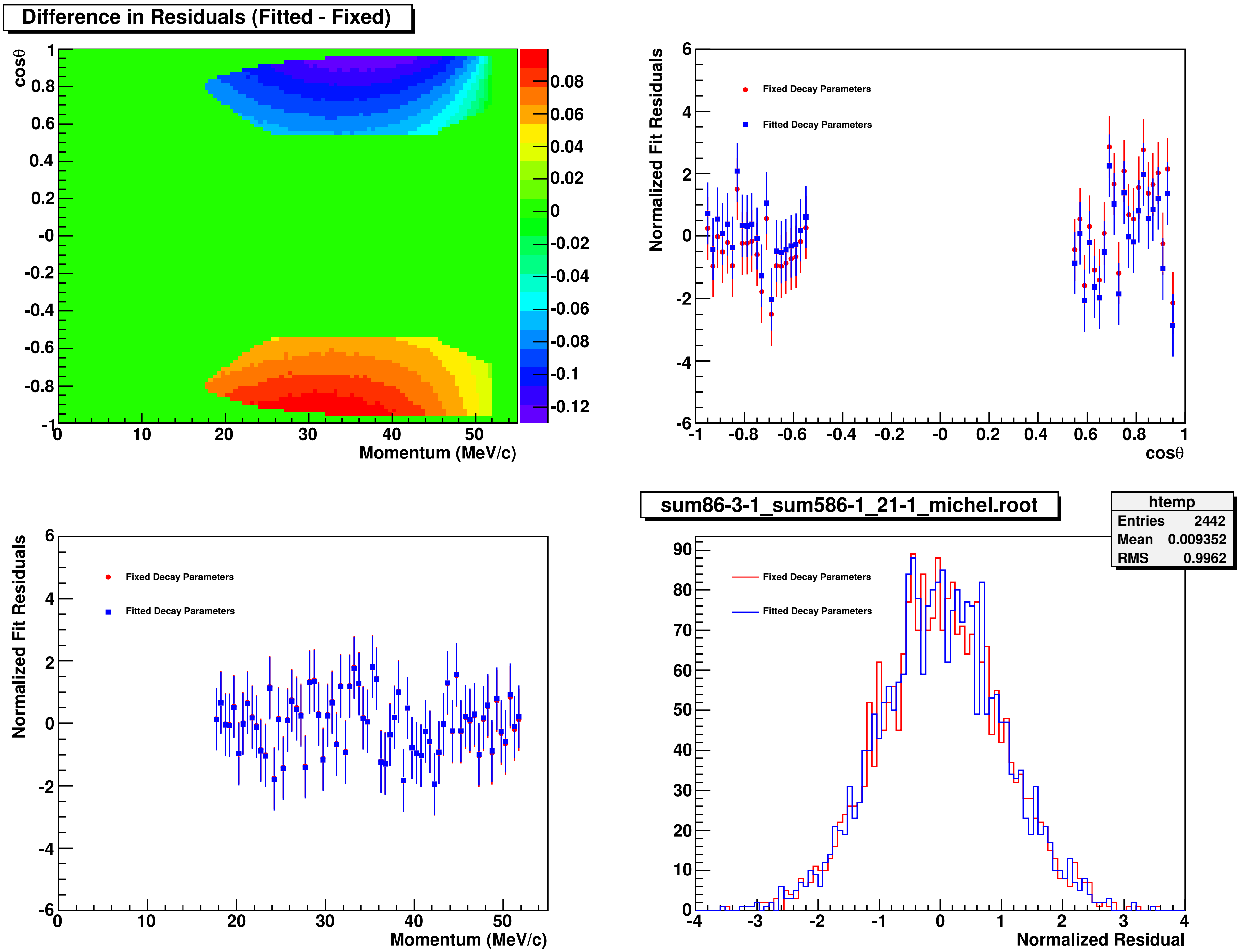

sum83-4-1_sum583-1_2_21-1_michel.root
htemp
Entries 2442
Mean -0.00554
RMS 0.9926
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual

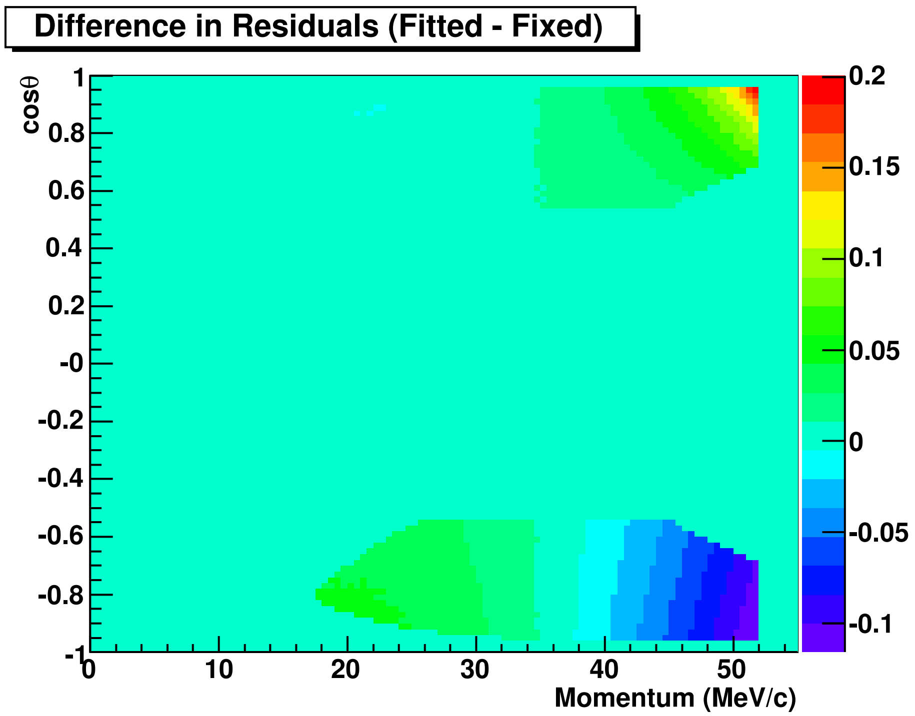

Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)

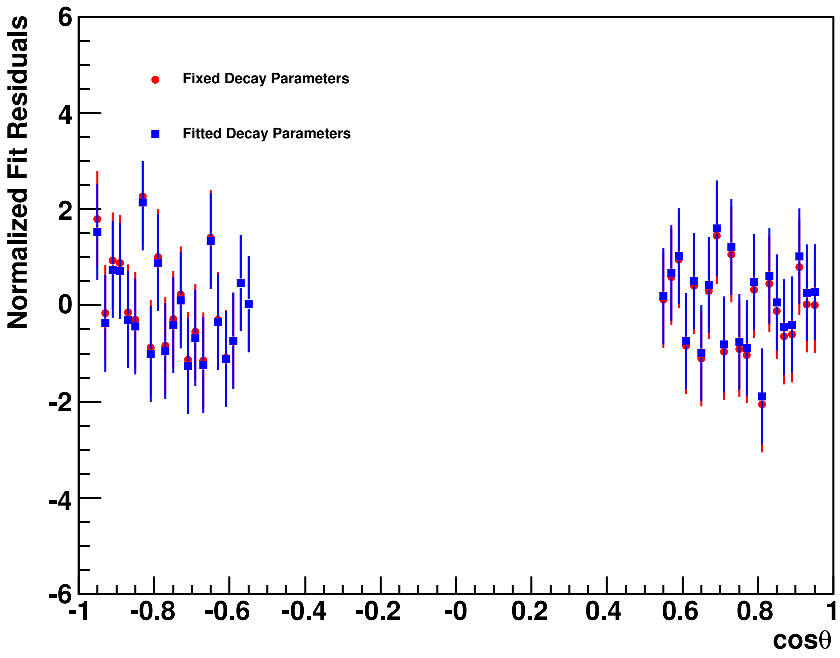

Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
cosθ

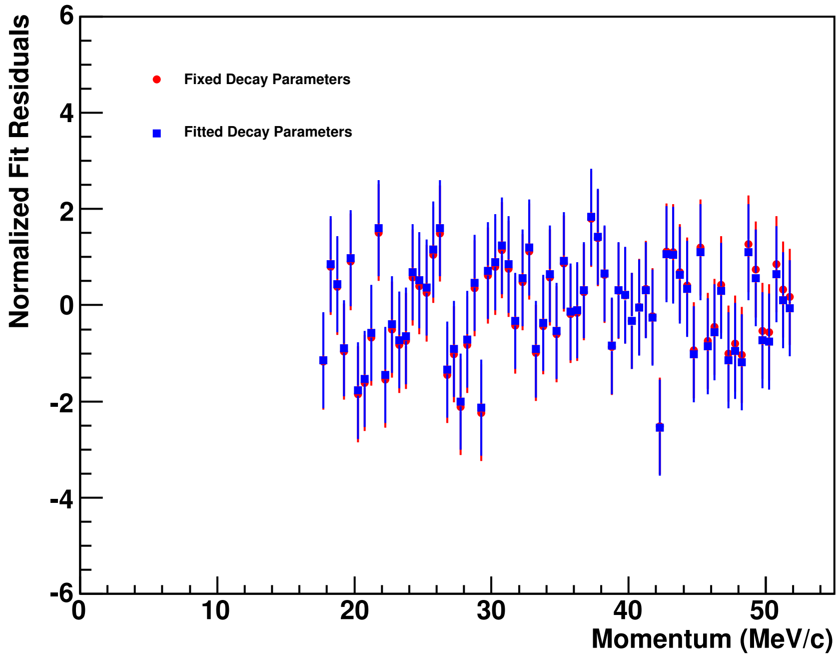

Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
Momentum (MeV/c)

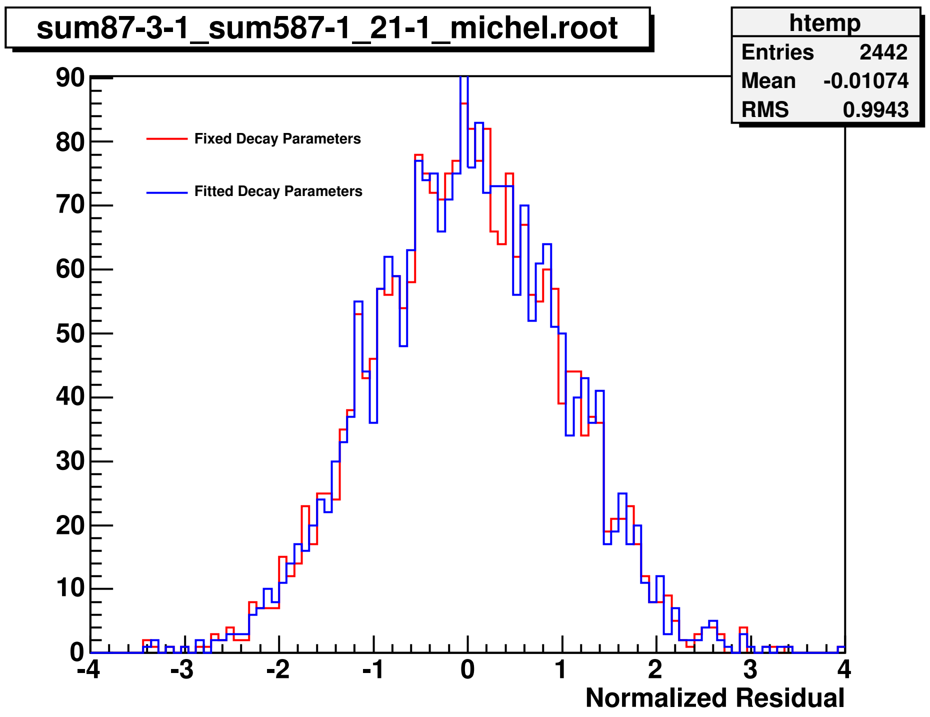

sum84-9-1_sum584-1_2_21-1_michel.root
htemp
Entries 2442
Mean -0.001905
RMS 1.015
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual

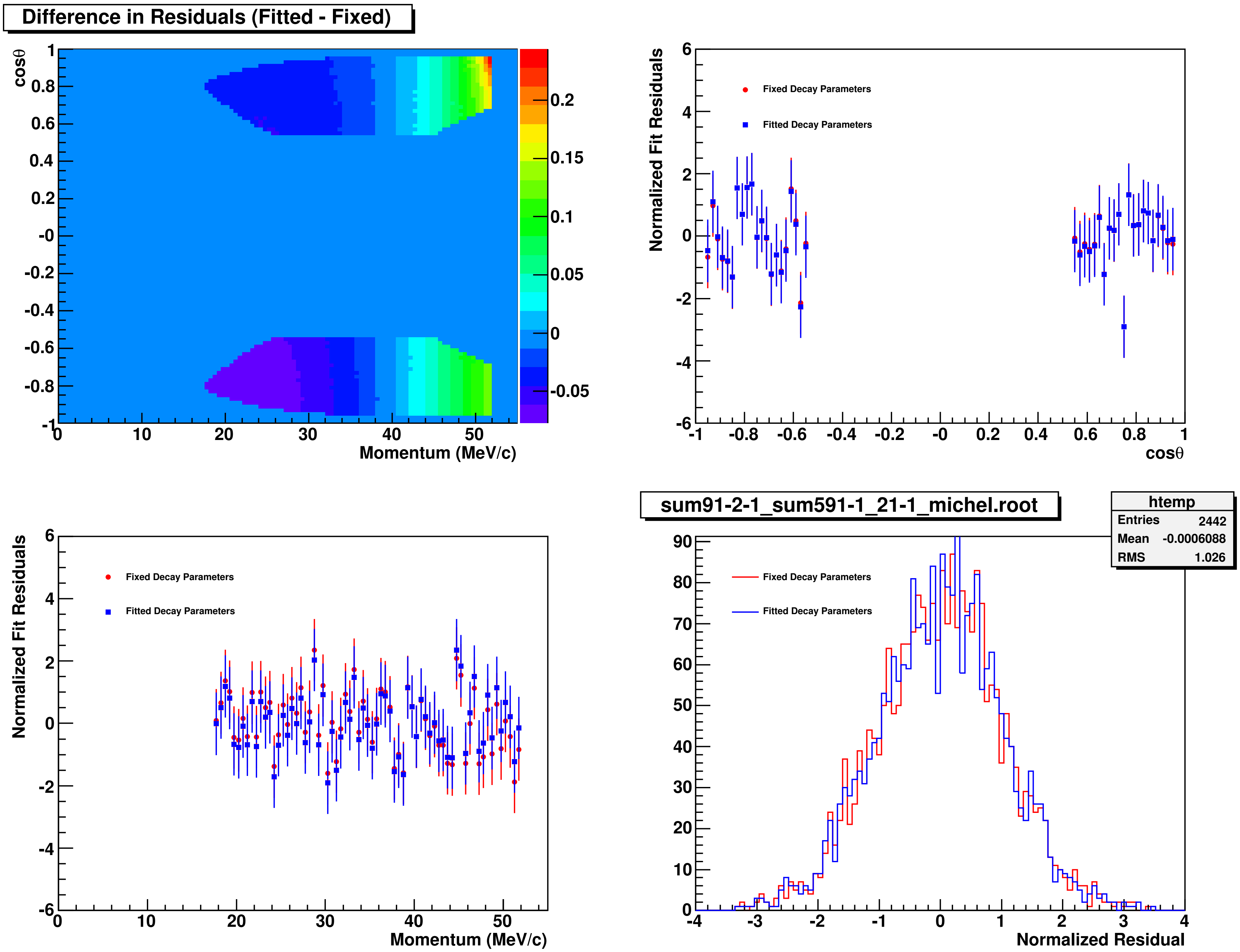

Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)
Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
cosθ
Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
Momentum (MeV/c)
sum86-3-1_sum586-1_21-1_michel.root
htemp
Entries 2442
Mean 0.009352
RMS 0.9962
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual

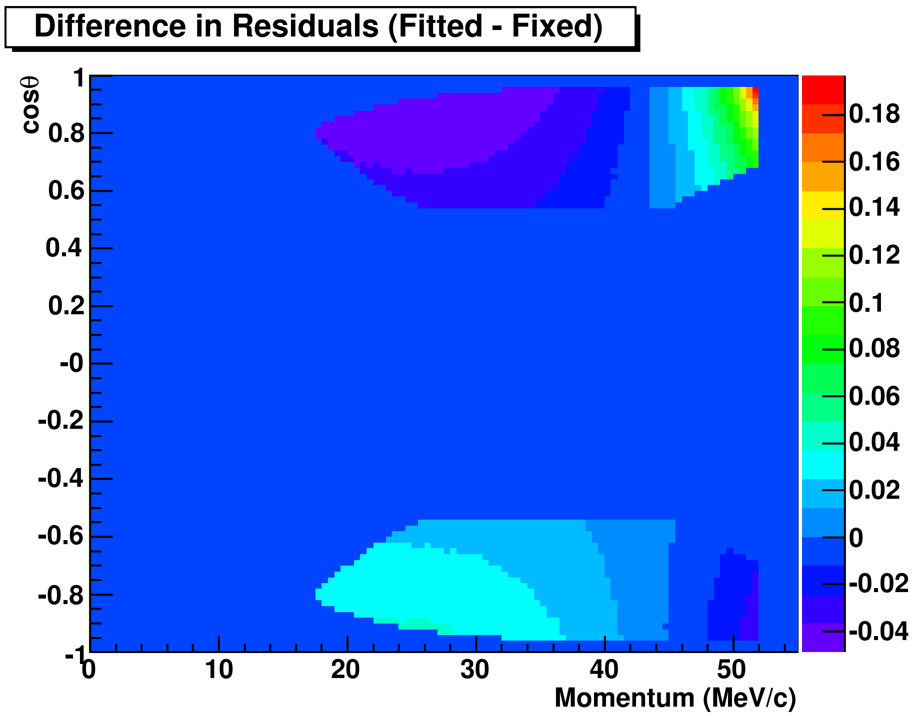

Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)

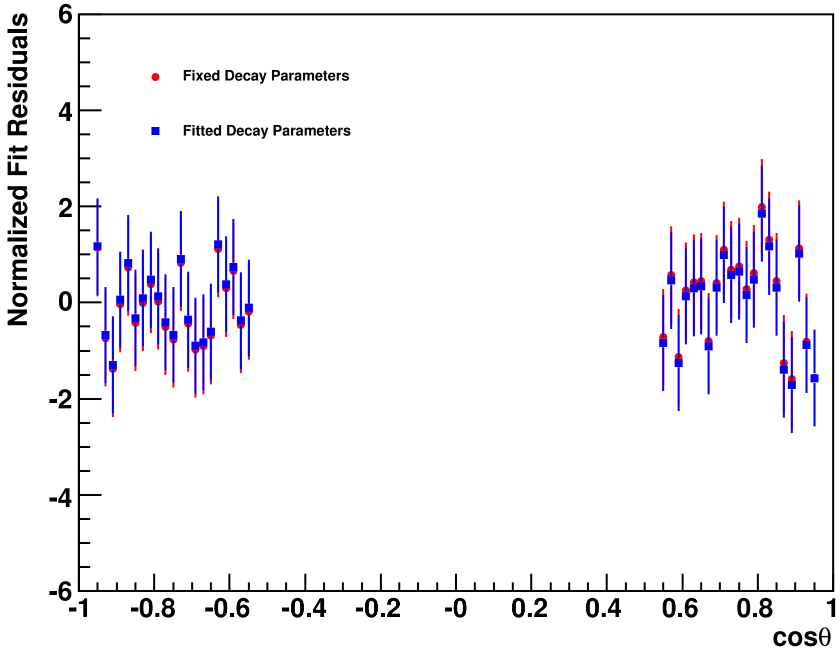

Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
cosθ

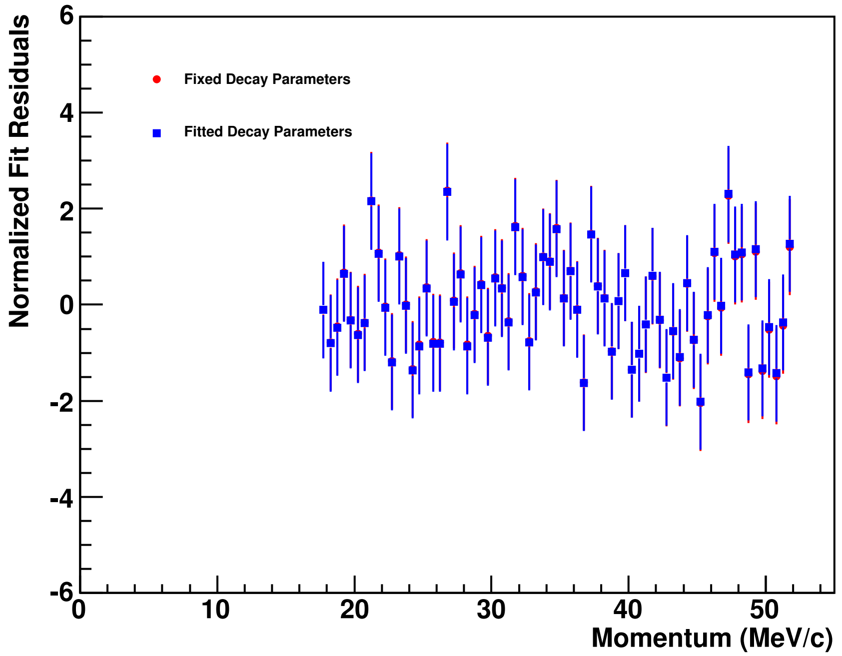

Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
Momentum (MeV/c)

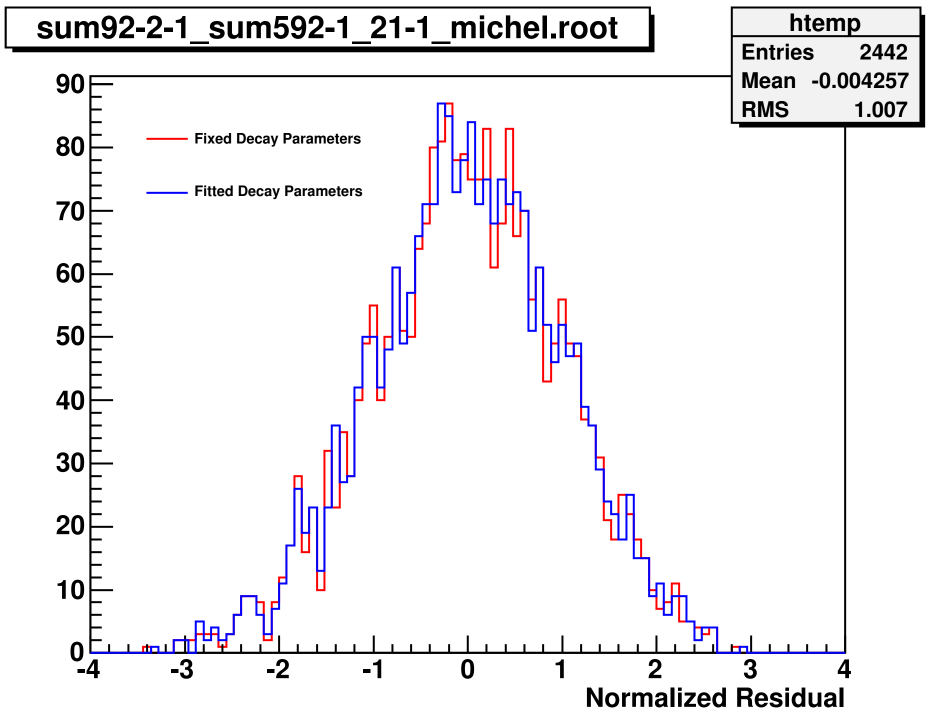

sum87-3-1_sum587-1_21-1_michel.root
htemp
Entries 2442
Mean -0.01074
RMS 0.9943
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual

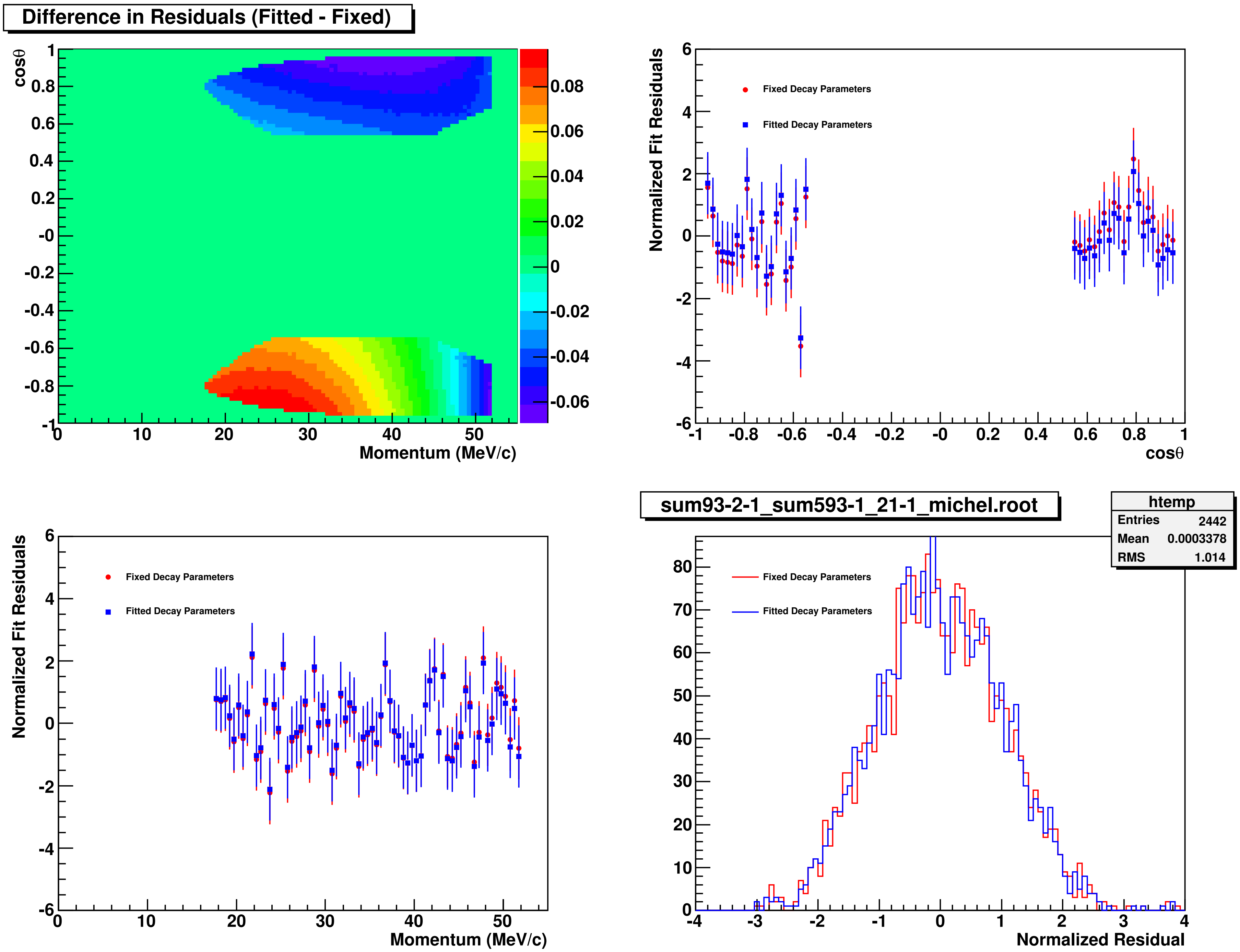

Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)
Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
cosθ
Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
Momentum (MeV/c)
sum91-2-1_sum591-1_21-1_michel.root
htemp
Entries 2442
Mean -0.0006088
RMS 1.026
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual


Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
-0.04

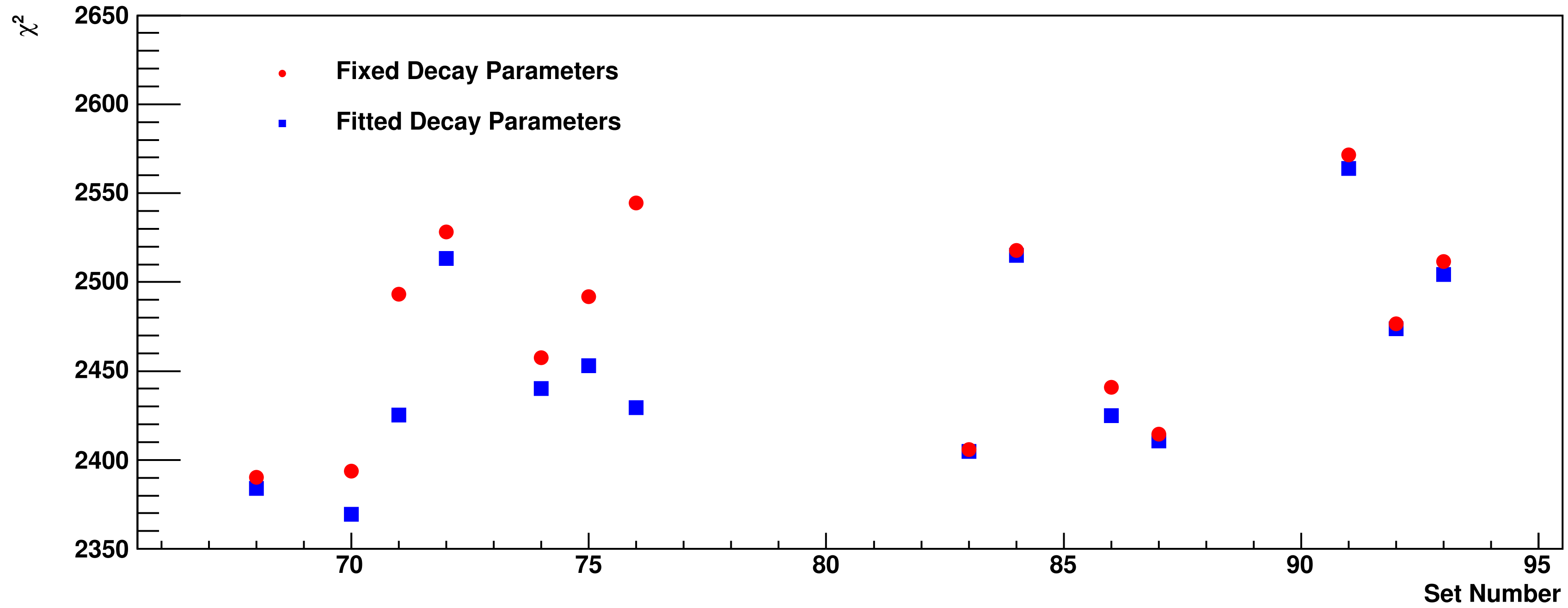

Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
cosθ


Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
Momentum (MeV/c)

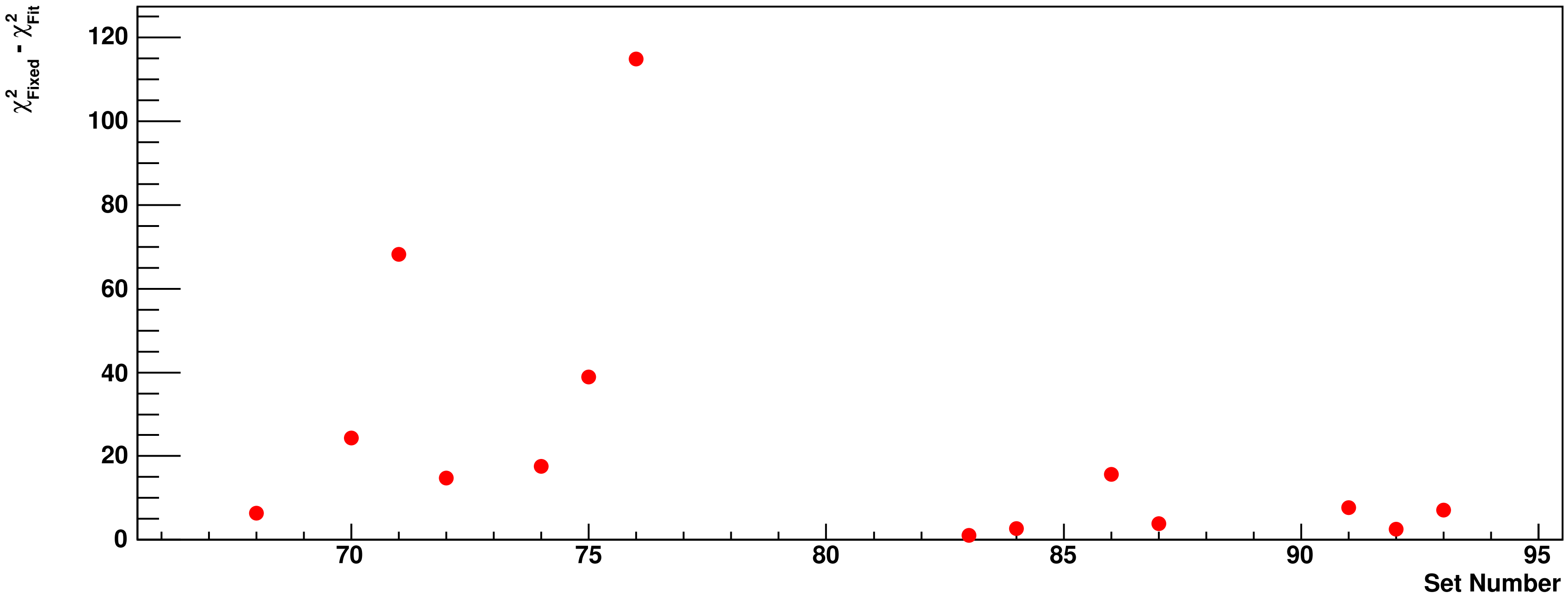

sum92-2-1_sum592-1_21-1_michel.root
htemp
Entries 2442
Mean -0.004257
RMS 1.007
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual



Difference in Residuals (Fitted - Fixed)
cosθ
Momentum (MeV/c)
Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
cosθ
Normalized Fit Residuals
Fixed Decay Parameters
Fitted Decay Parameters
Momentum (MeV/c)
sum93-2-1_sum593-1_21-1_michel.root
htemp
Entries 2442
Mean 0.0003378
RMS 1.014
Fixed Decay Parameters
Fitted Decay Parameters
Normalized Residual



χ^2
2650
2600
2550
2500
2450
2400
2350
Fixed Decay Parameters
Fitted Decay Parameters
70
75
80
85
90
95
Set Number



$\chi^2_{Fixed} - \chi^2_{Fit}$
120
100
80
60
40
20
0
70
75
80
85
90
95
Set Number