

PHYS 721 Homework 3

Nick Tyler

1. The mass of the sum of the four vectors was calculated in the homework assignment last week. This graph was fitted with a relativistic Breit-Wigner distribution.

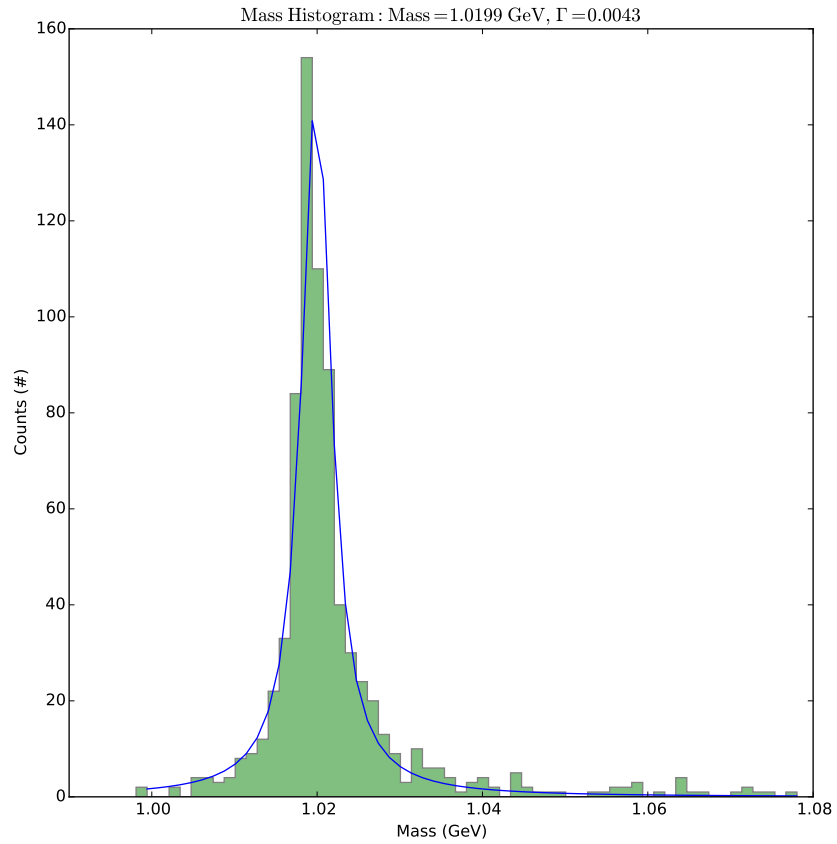


Figure 1: Mass Histograms in GeV/c^2 with Breit-Wigner fit.

2. This was also done using ROOTs built in Breit-Wigner distribution.

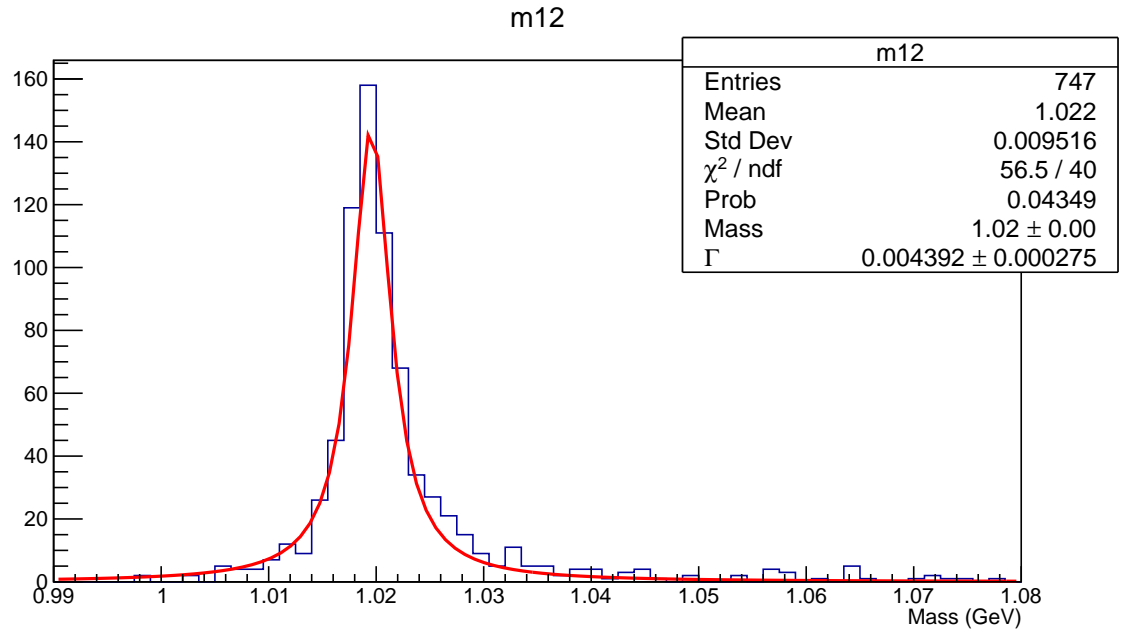


Figure 2: Mass Histograms in GeV/c^2 with Breit-Wigner fit.