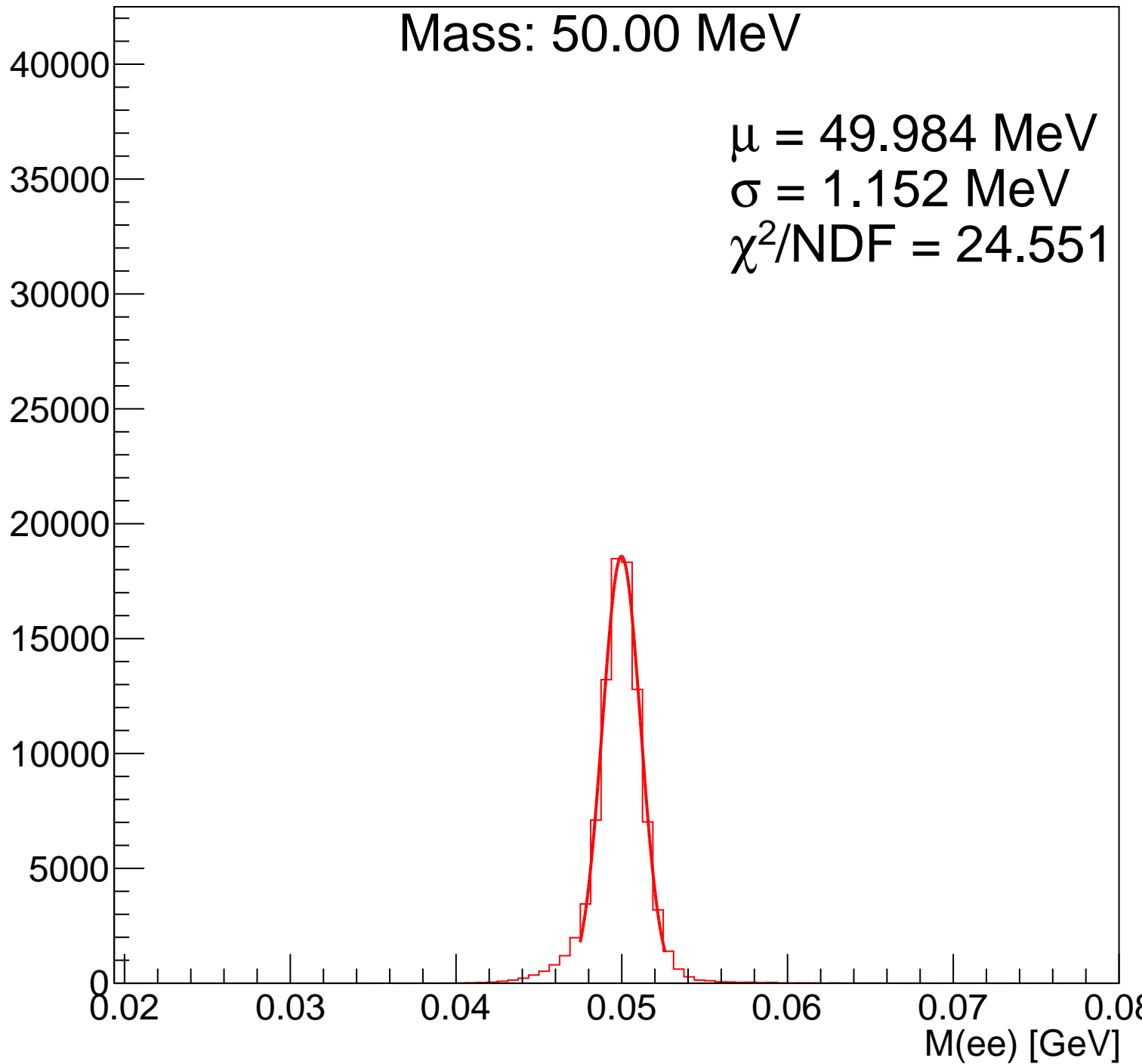


Mass: 50.00 MeV

$\mu = 49.984$ MeV

$\sigma = 1.152$ MeV

$\chi^2/\text{NDF} = 24.551$

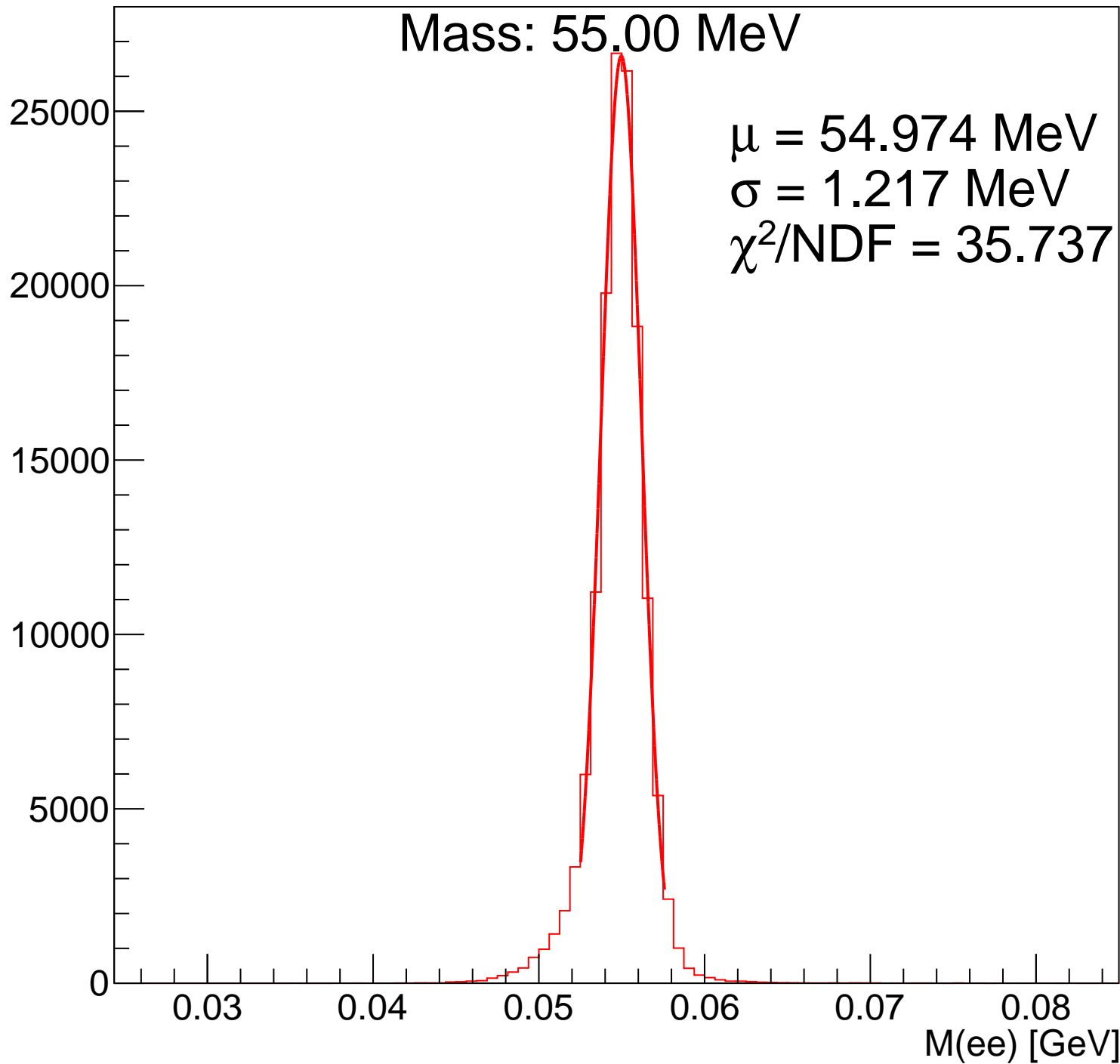


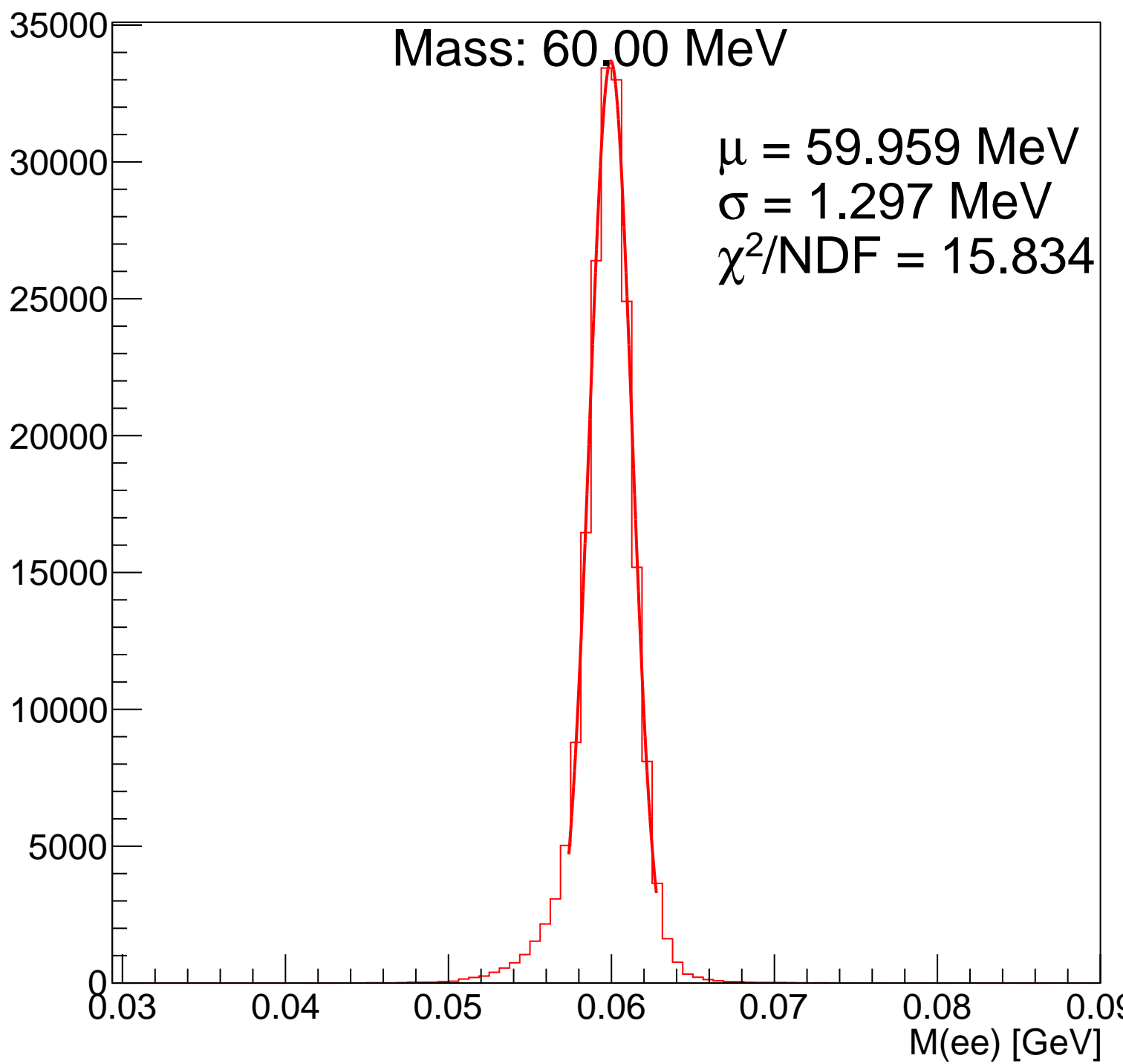
Mass: 55.00 MeV

$\mu = 54.974$ MeV

$\sigma = 1.217$ MeV

$\chi^2/\text{NDF} = 35.737$



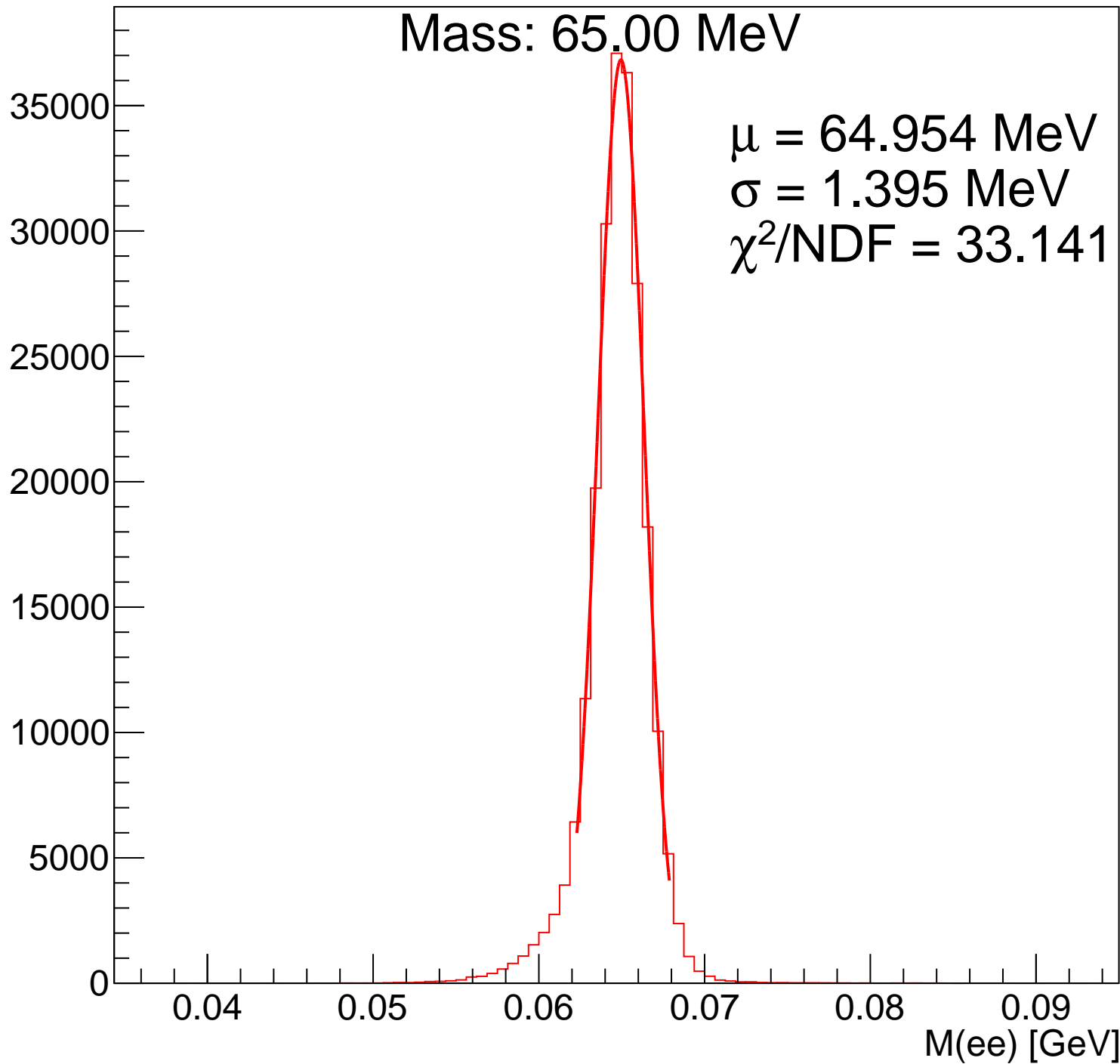


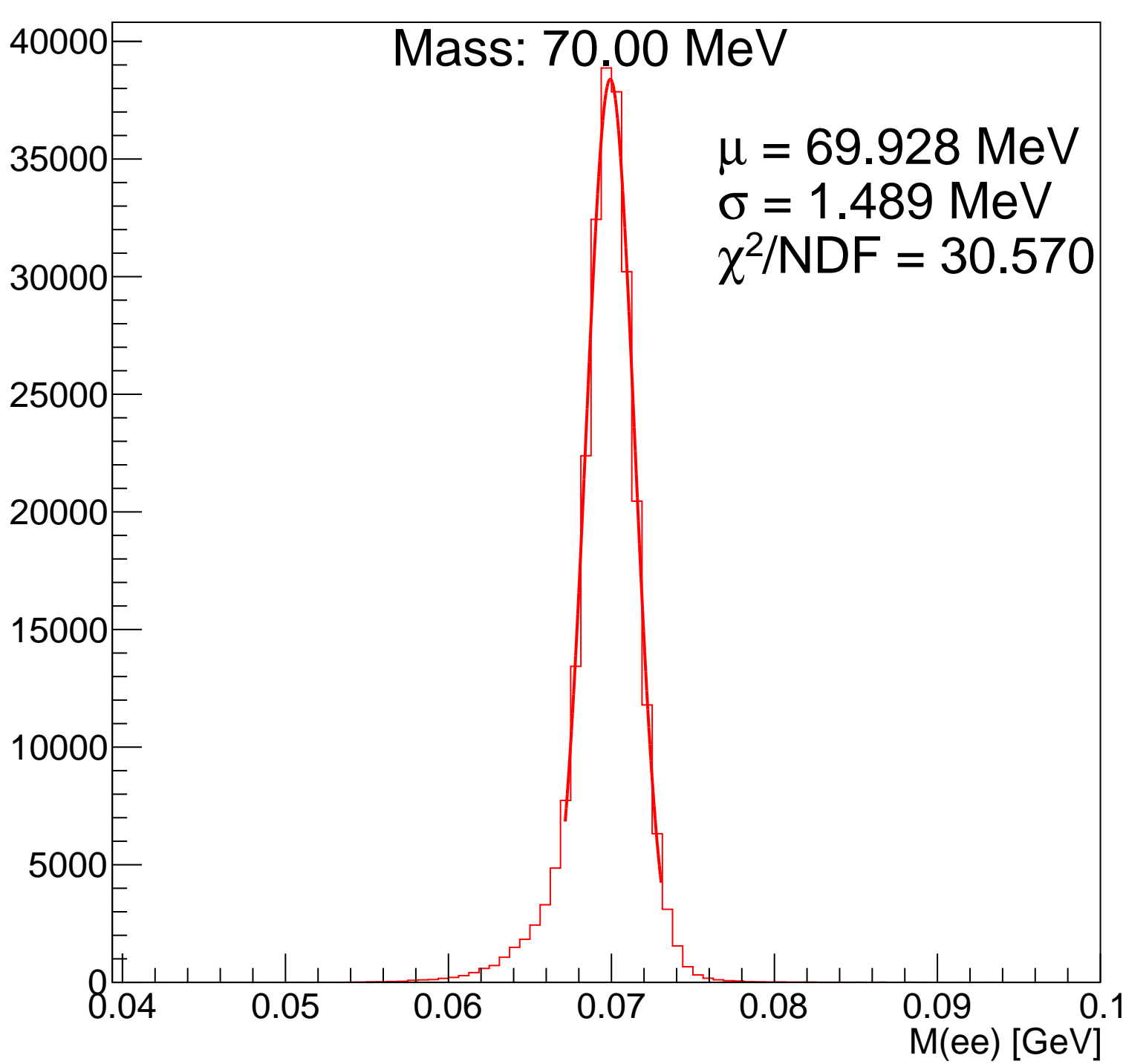
Mass: 65.00 MeV

$\mu = 64.954$ MeV

$\sigma = 1.395$ MeV

$\chi^2/\text{NDF} = 33.141$



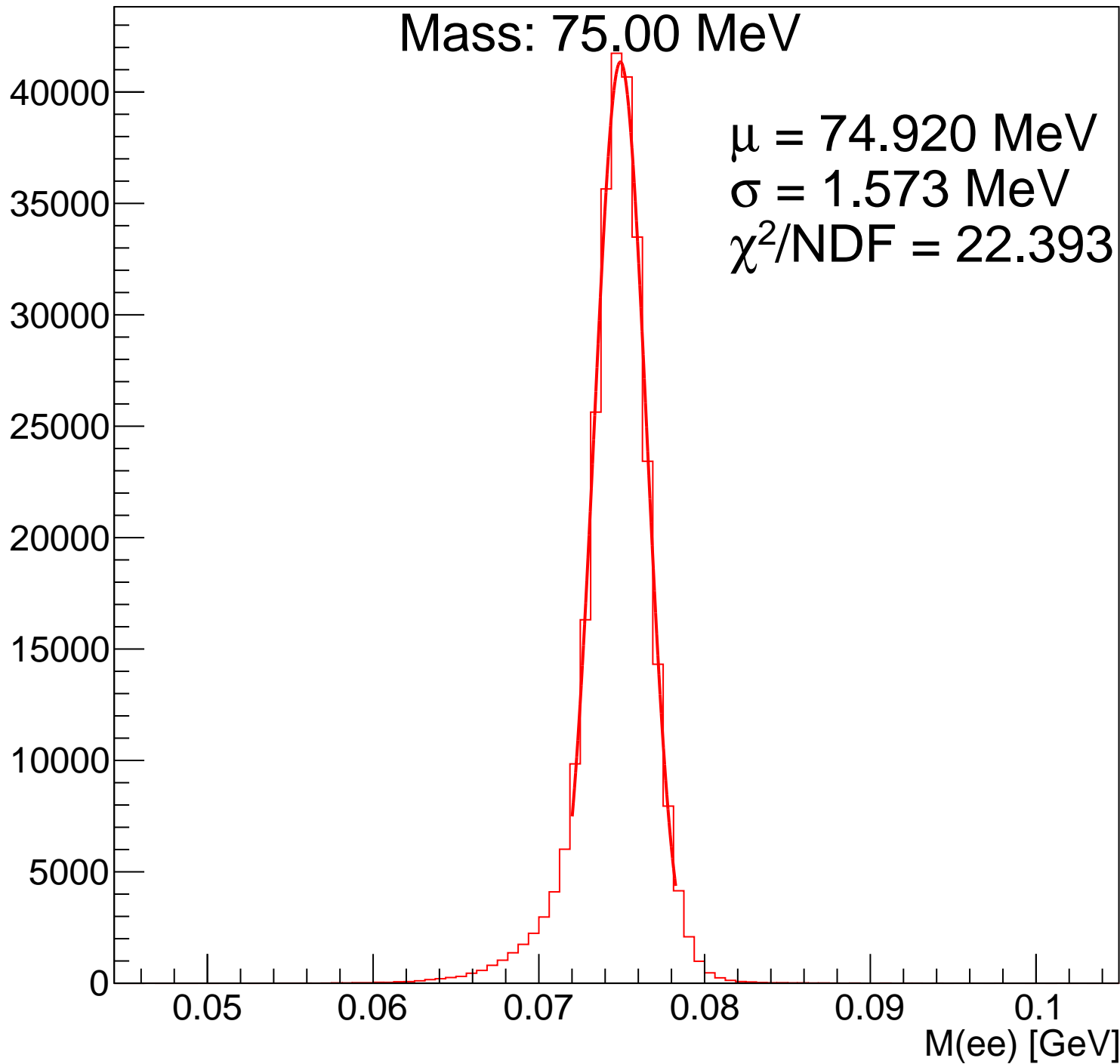


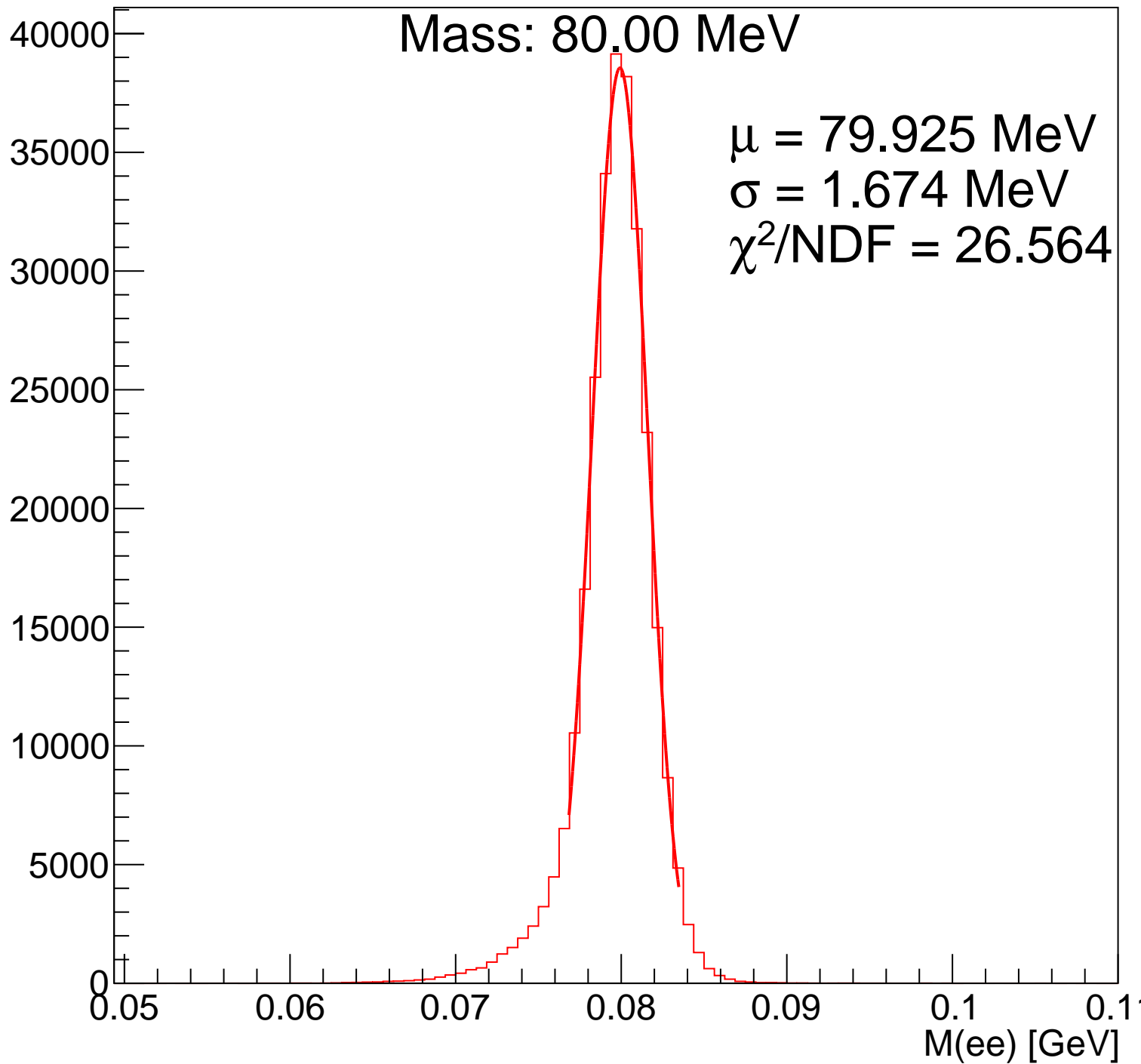
Mass: 75.00 MeV

$\mu = 74.920$ MeV

$\sigma = 1.573$ MeV

$\chi^2/\text{NDF} = 22.393$



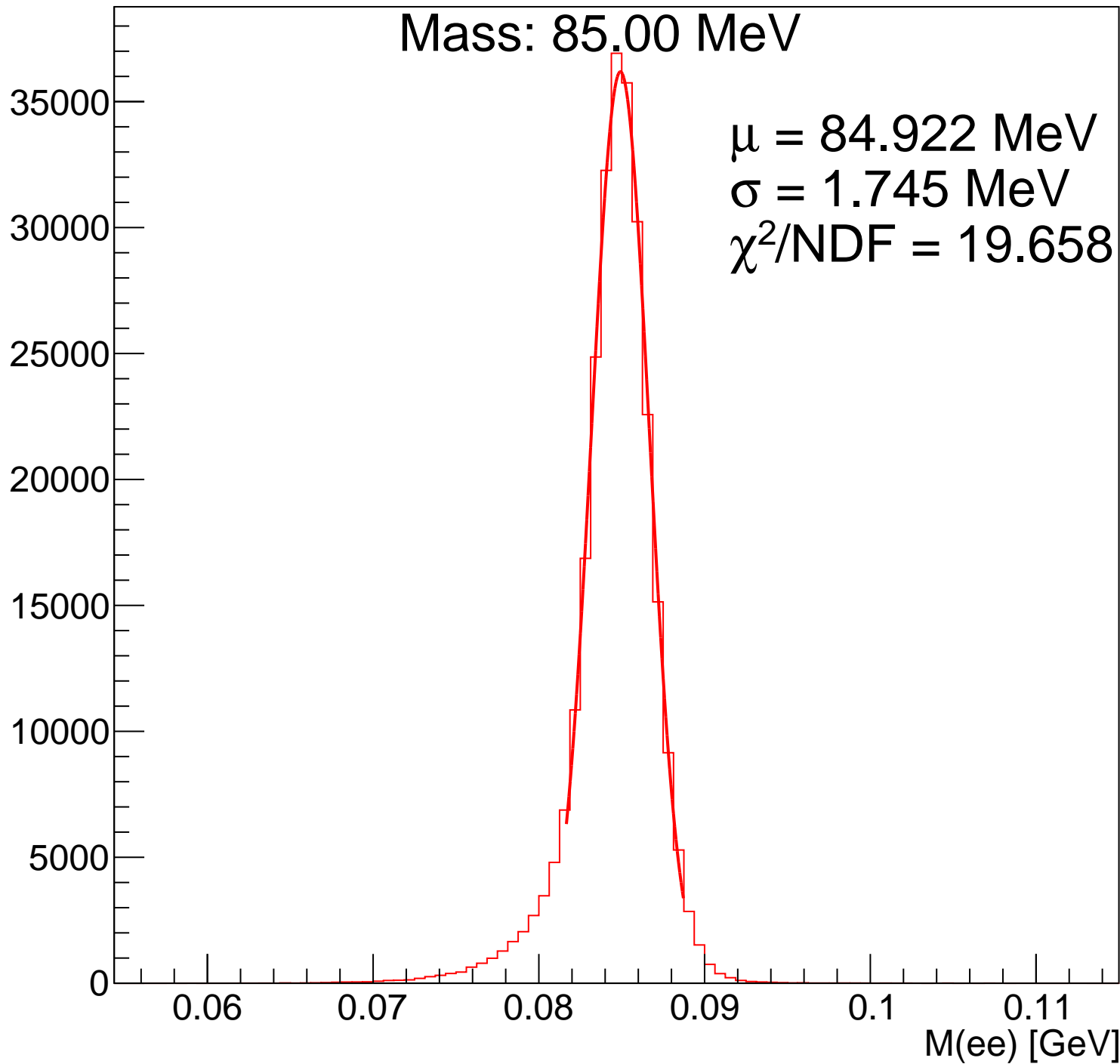


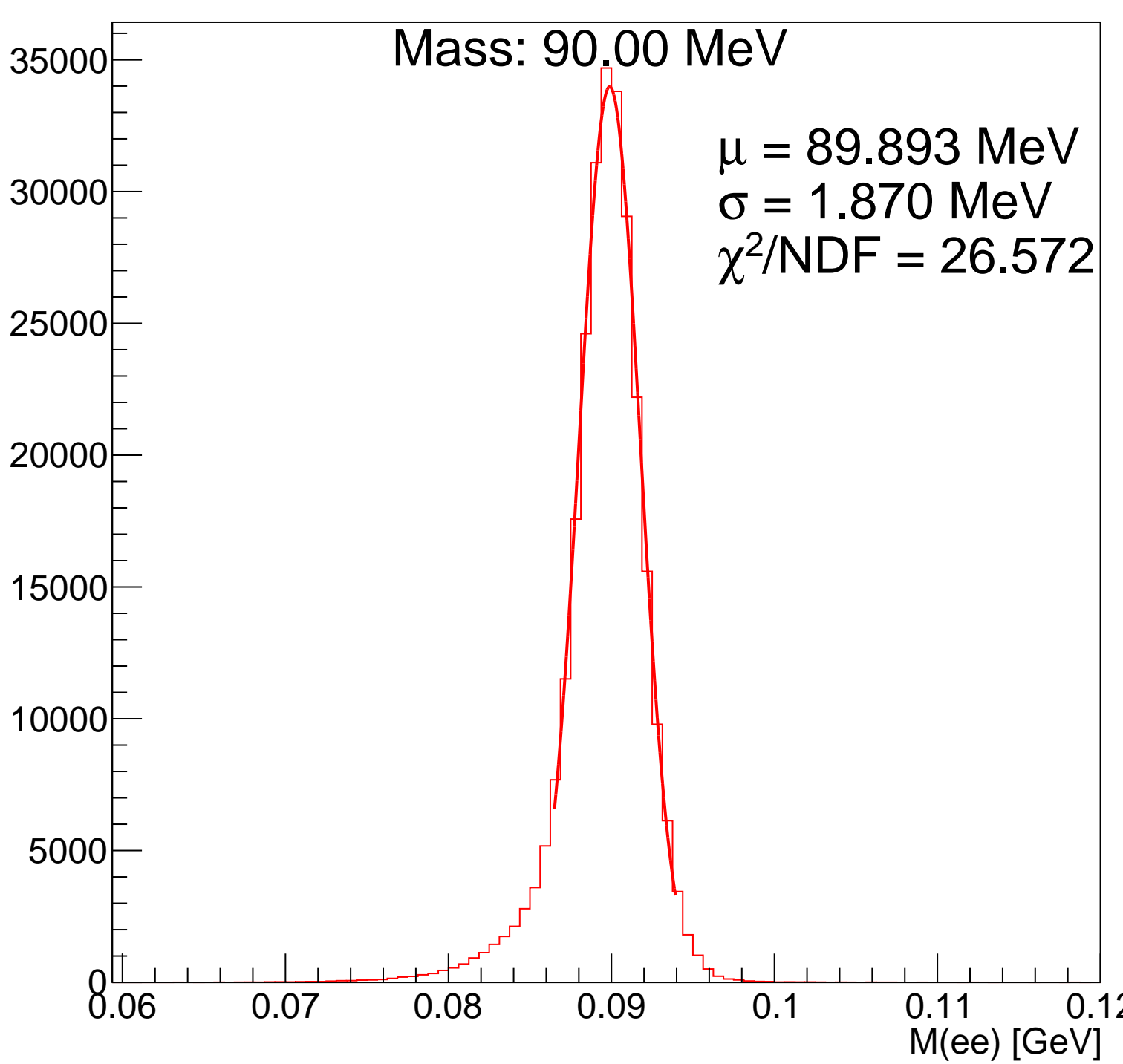
Mass: 85.00 MeV

$\mu = 84.922$ MeV

$\sigma = 1.745$ MeV

$\chi^2/\text{NDF} = 19.658$



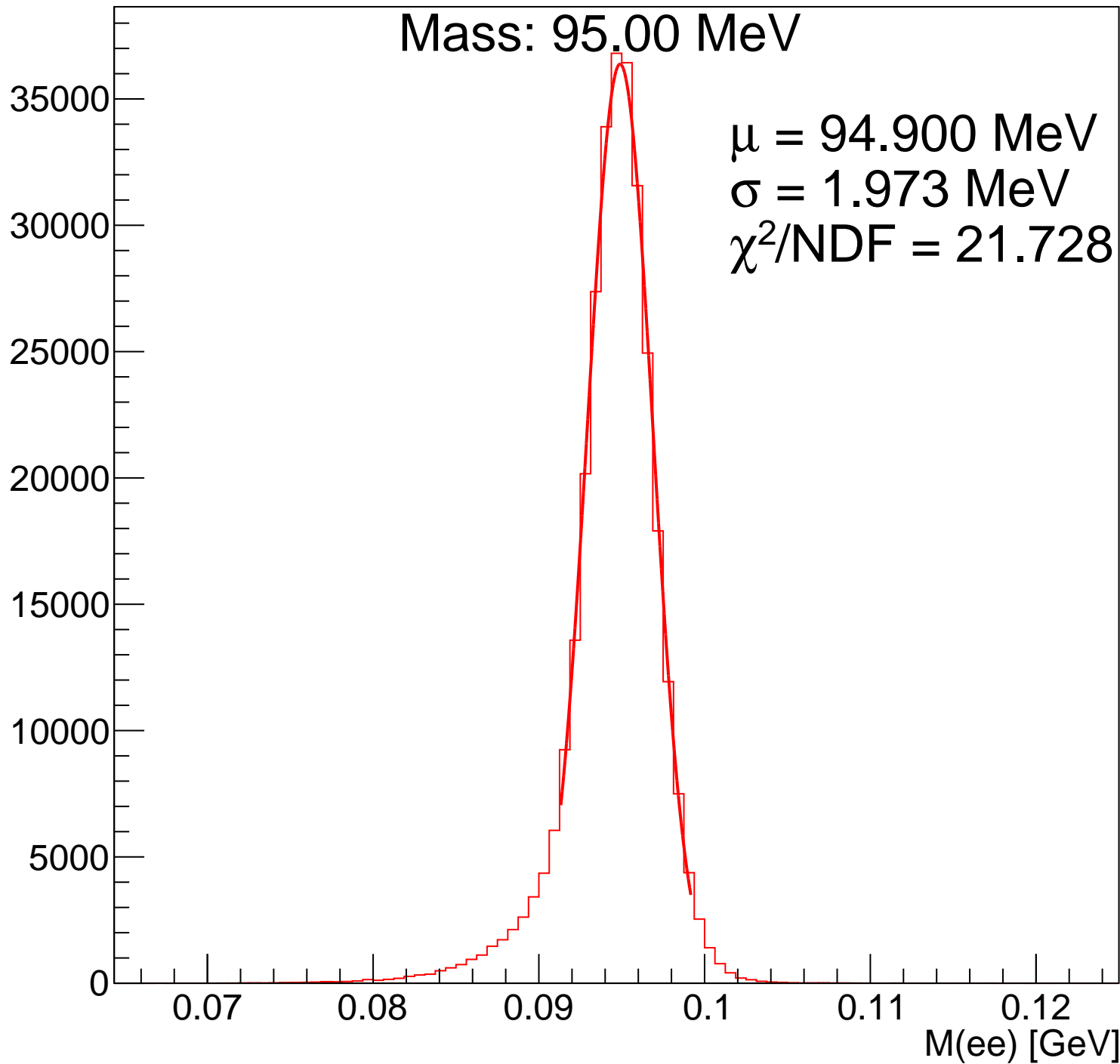


Mass: 95.00 MeV

$\mu = 94.900$ MeV

$\sigma = 1.973$ MeV

$\chi^2/\text{NDF} = 21.728$

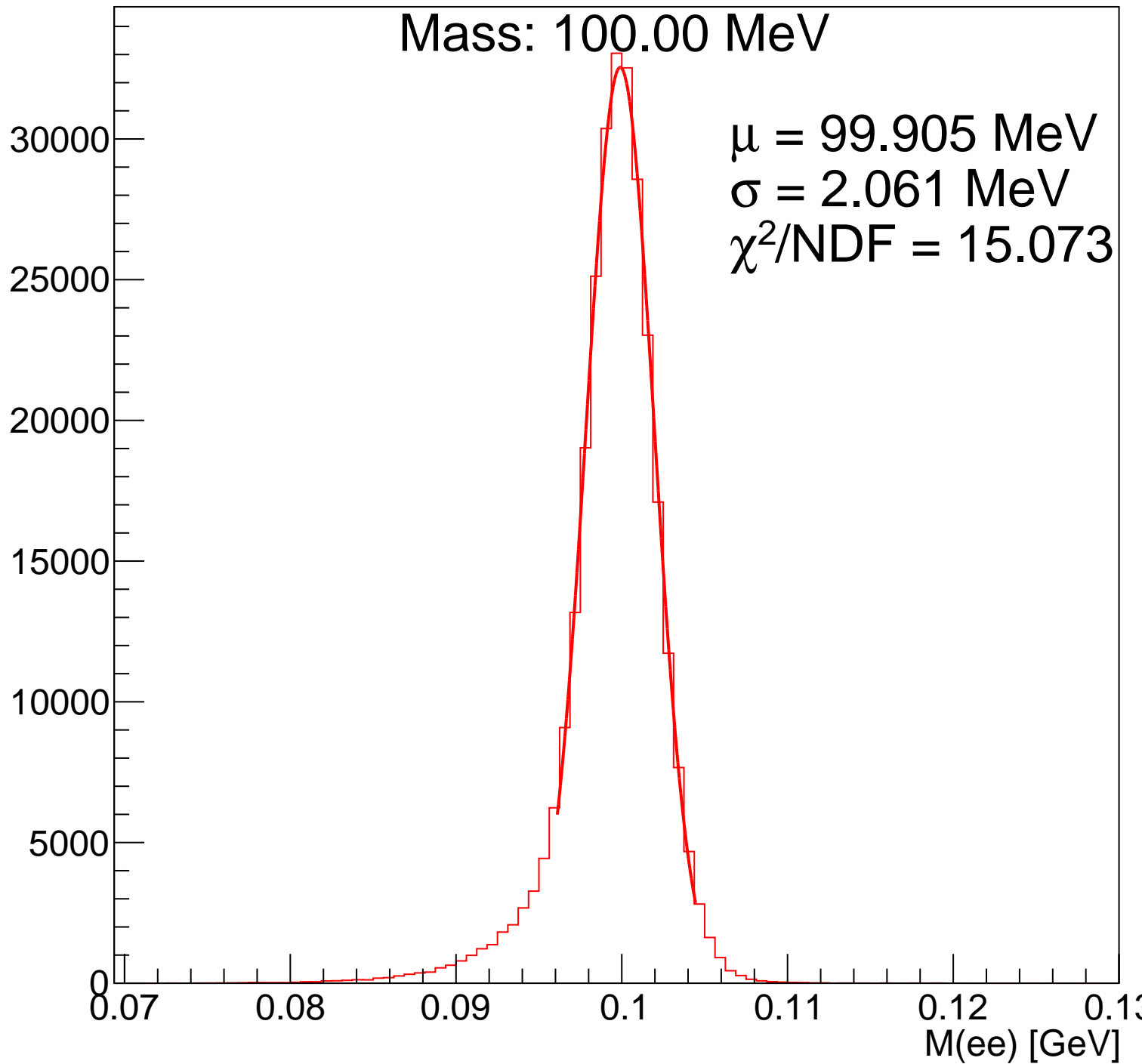


Mass: 100.00 MeV

$\mu = 99.905$ MeV

$\sigma = 2.061$ MeV

$\chi^2/\text{NDF} = 15.073$

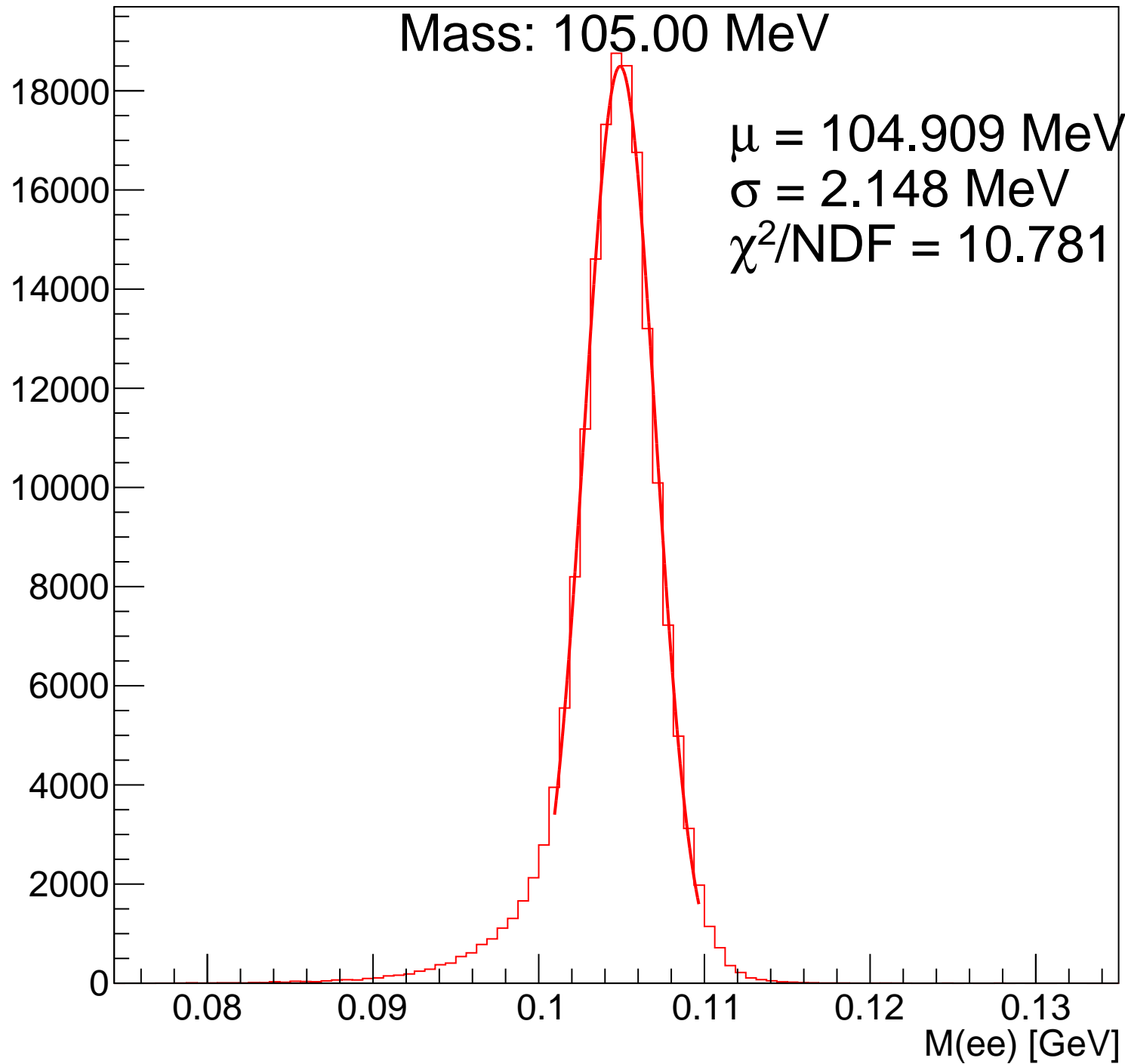


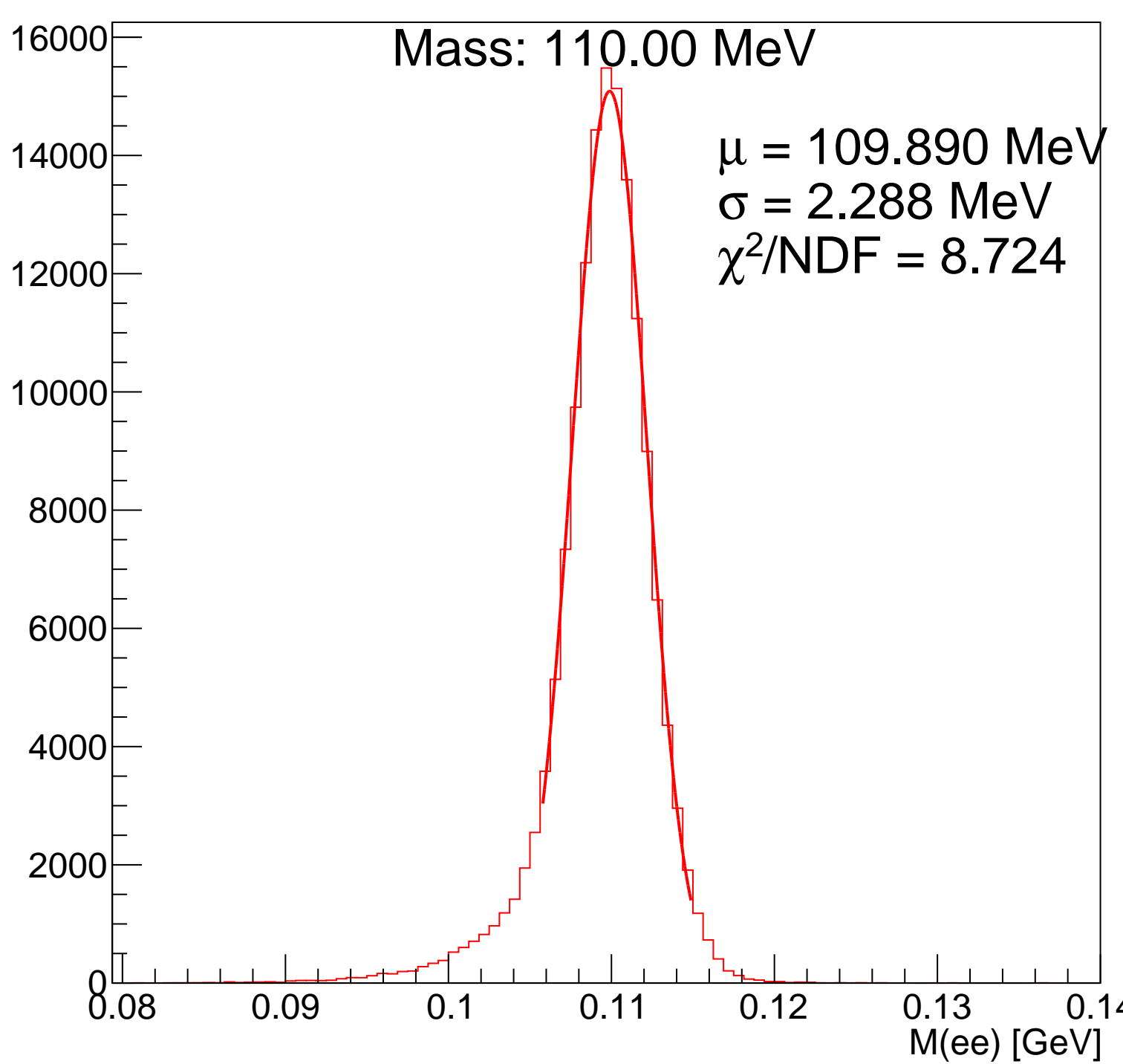
Mass: 105.00 MeV

$\mu = 104.909$ MeV

$\sigma = 2.148$ MeV

$\chi^2/\text{NDF} = 10.781$



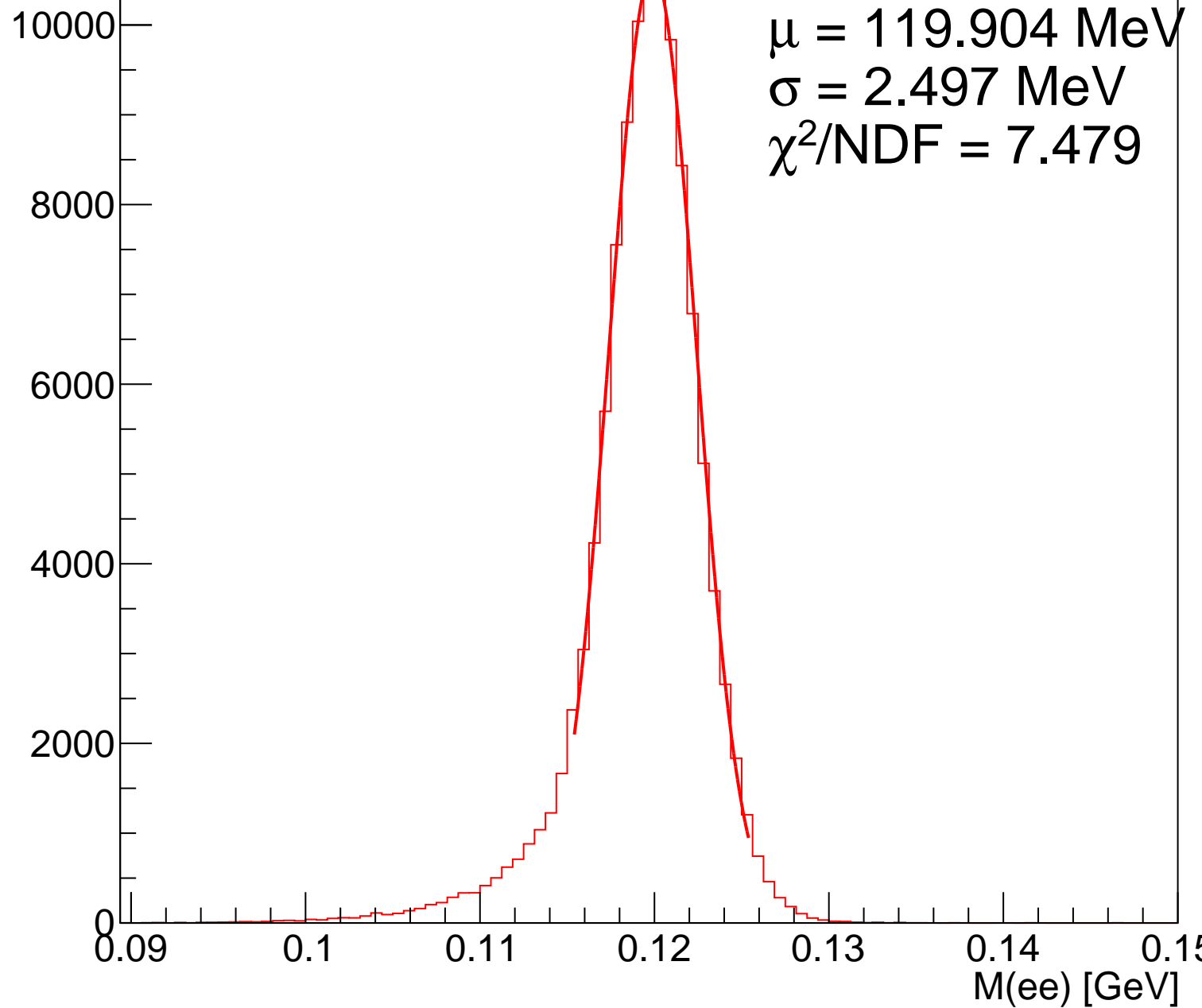


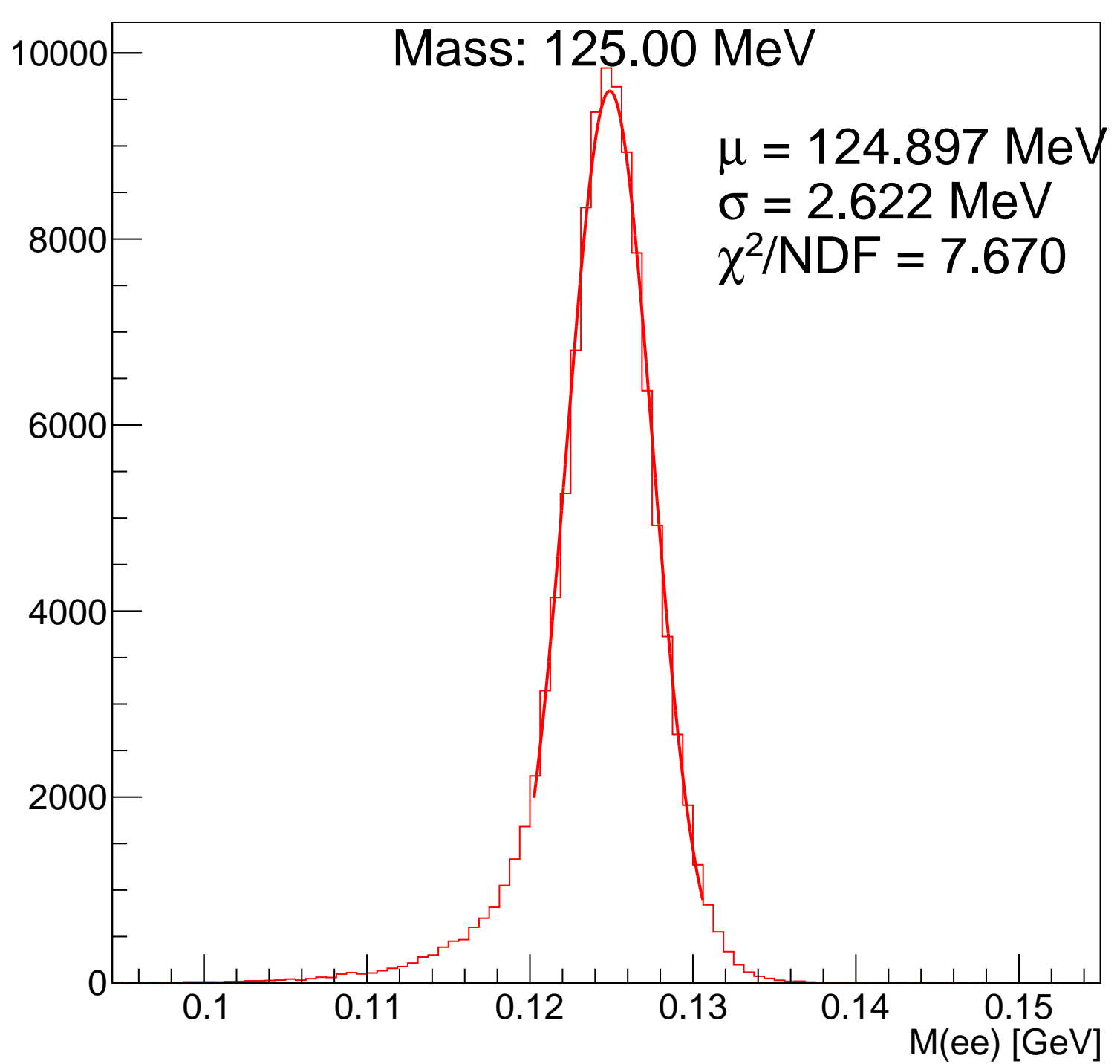
Mass: 120.00 MeV

$\mu = 119.904$ MeV

$\sigma = 2.497$ MeV

$\chi^2/\text{NDF} = 7.479$



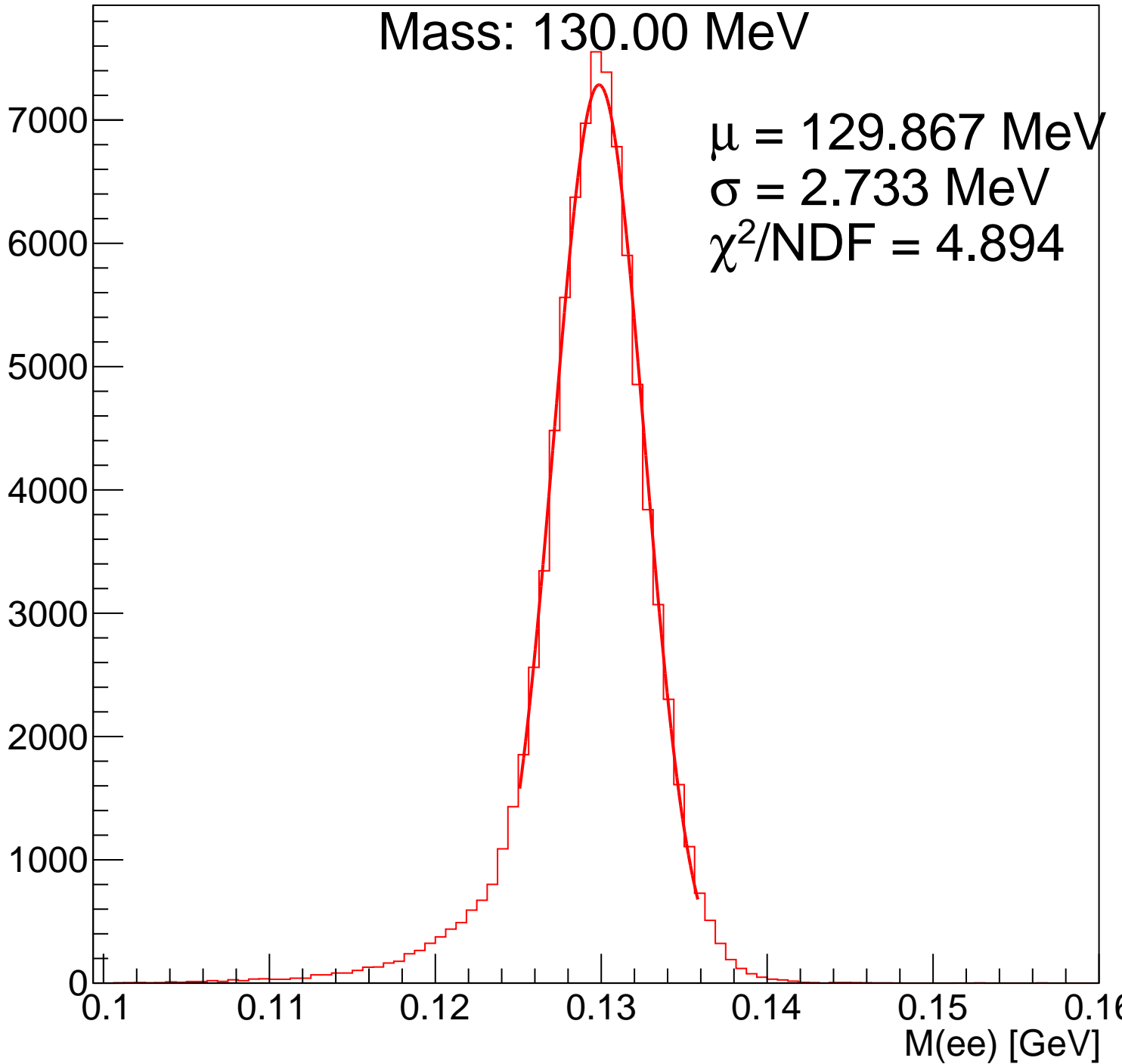


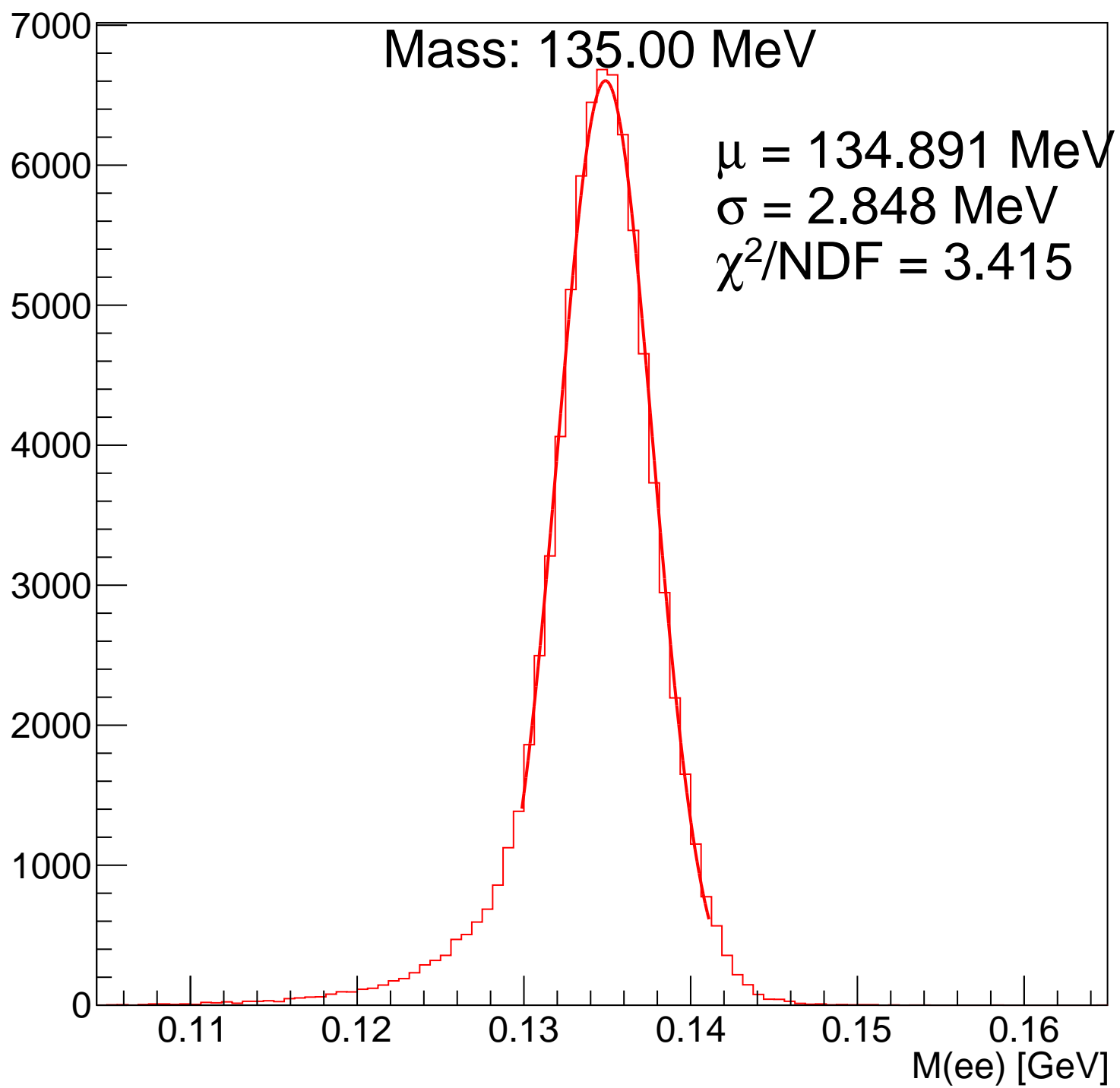
Mass: 130.00 MeV

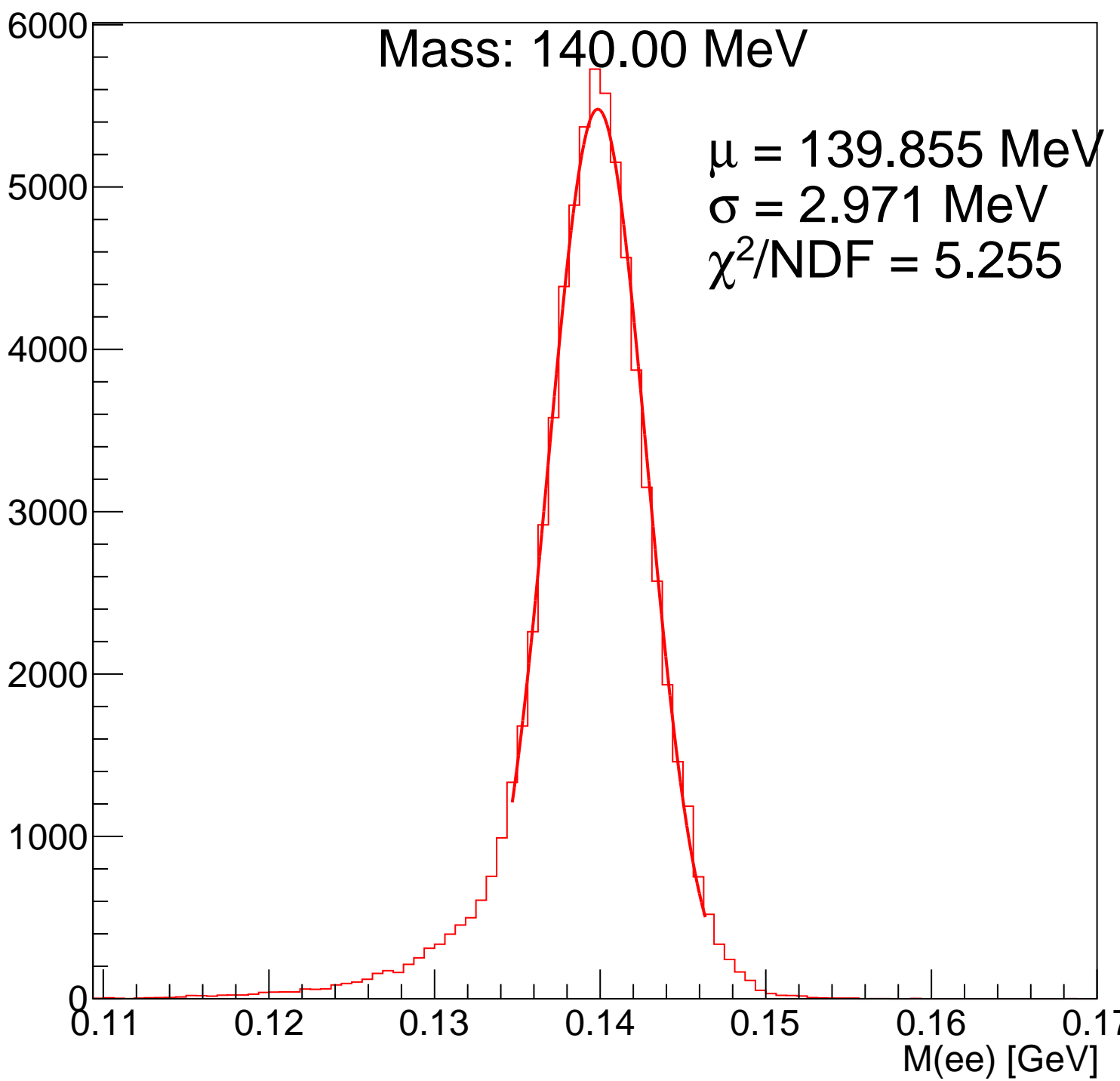
$\mu = 129.867$ MeV

$\sigma = 2.733$ MeV

$\chi^2/\text{NDF} = 4.894$





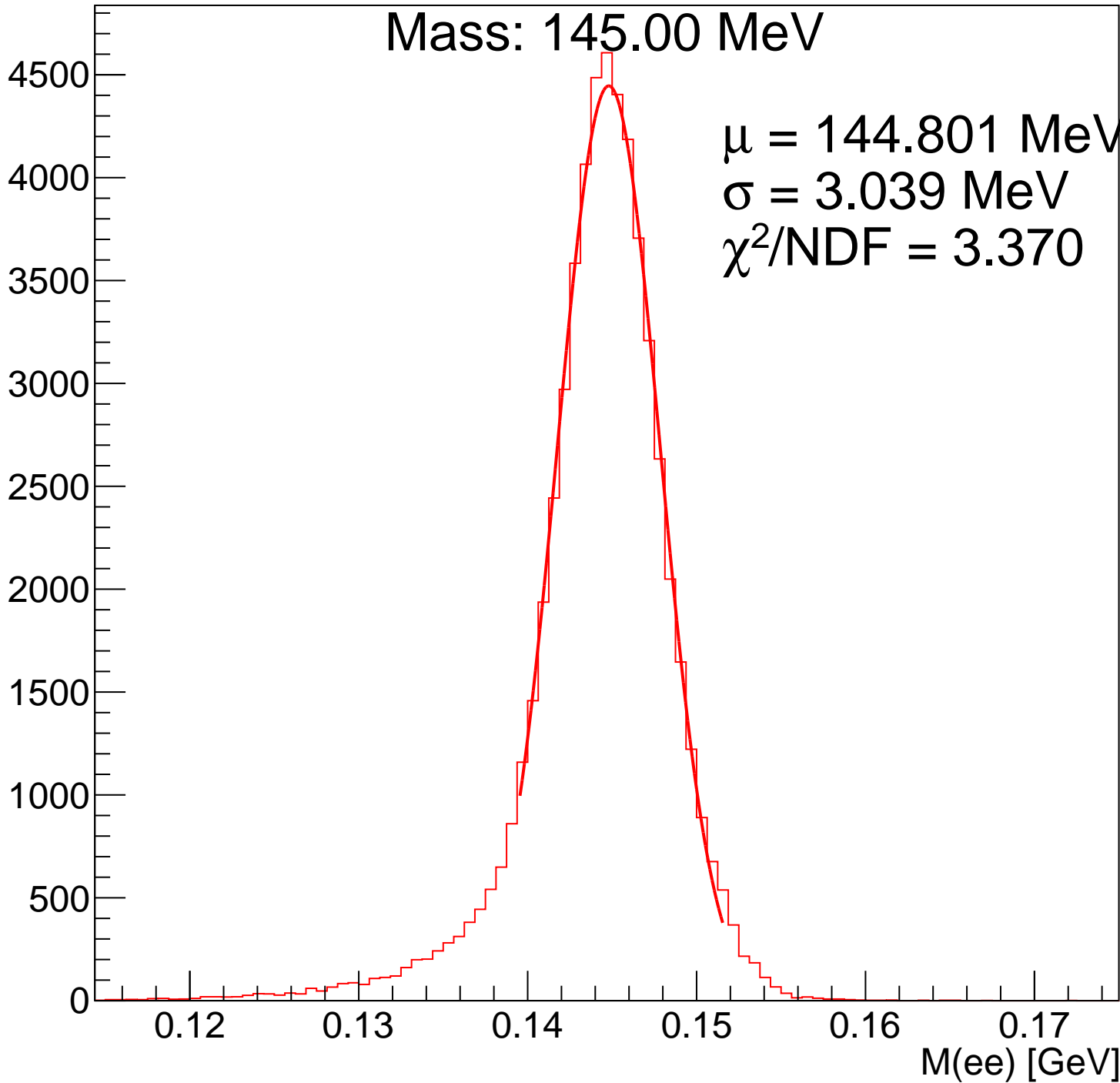


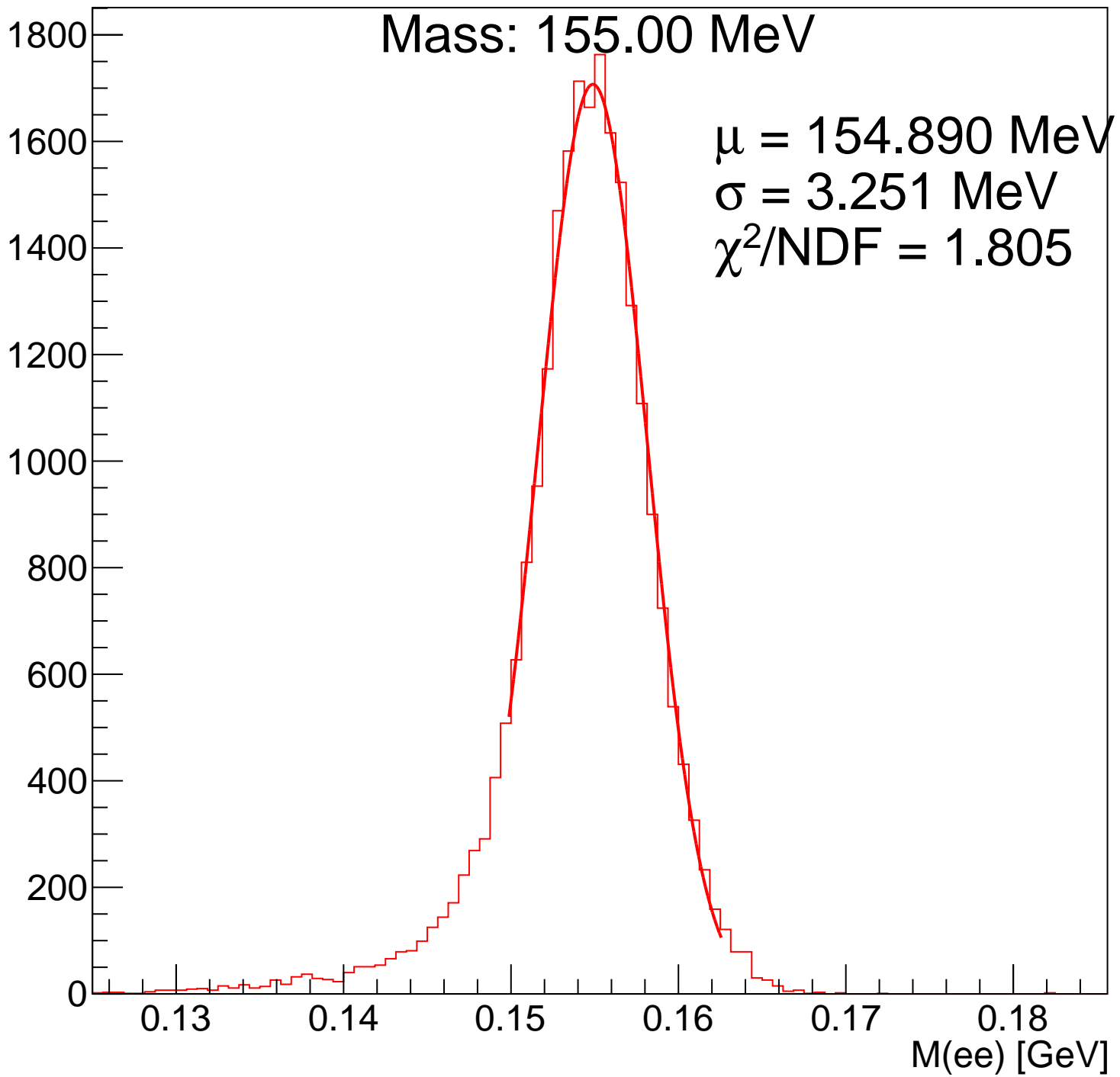
Mass: 145.00 MeV

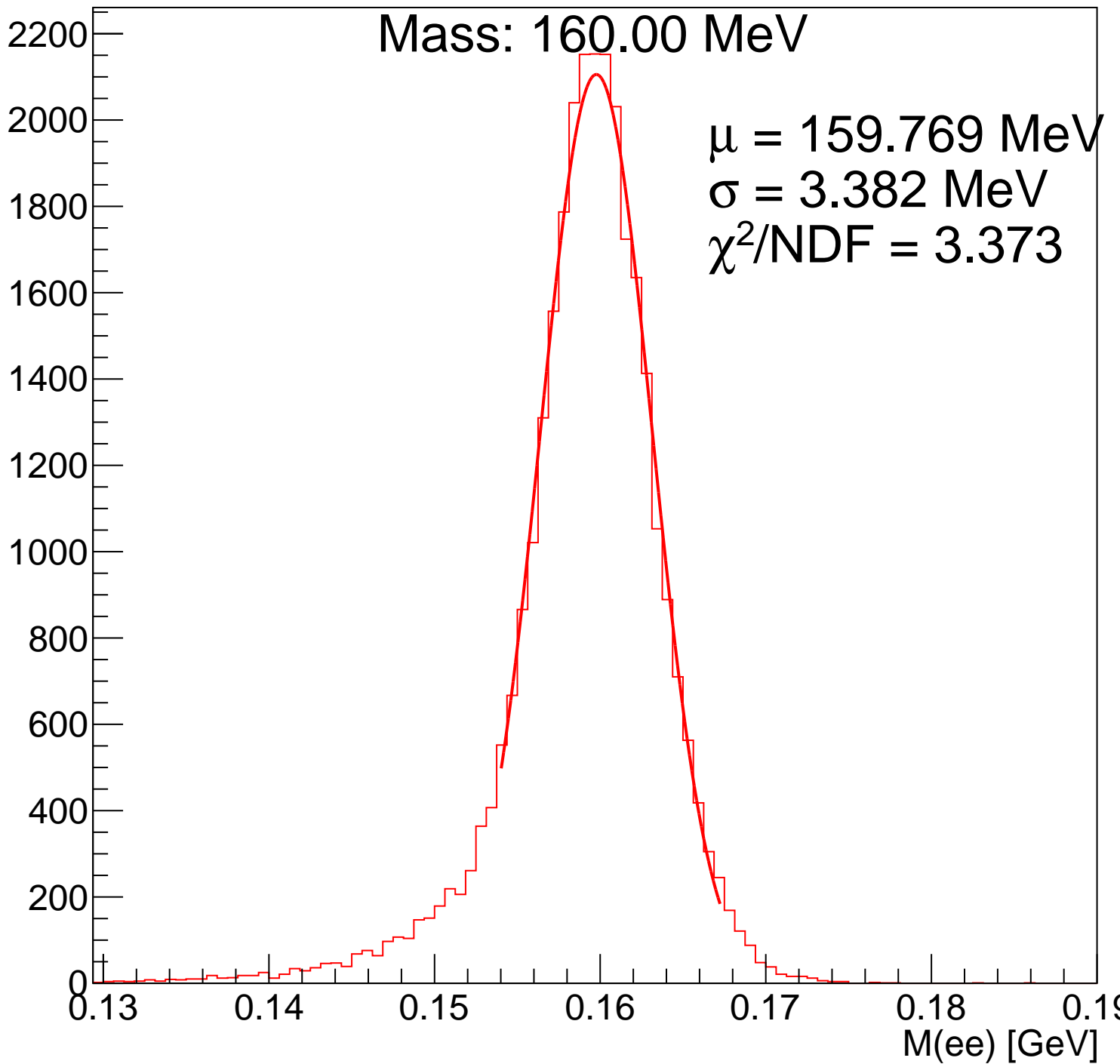
$\mu = 144.801$ MeV

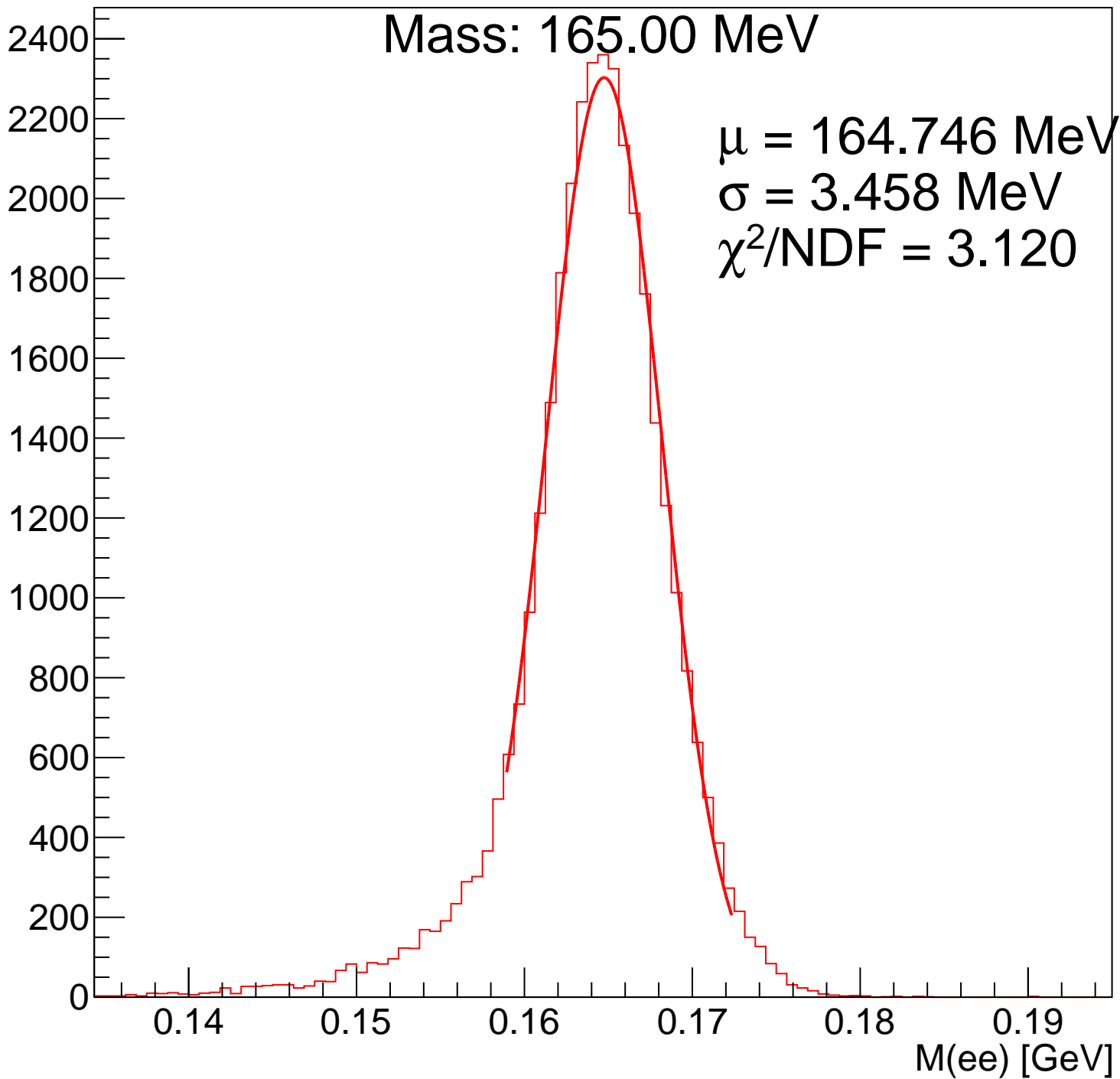
$\sigma = 3.039$ MeV

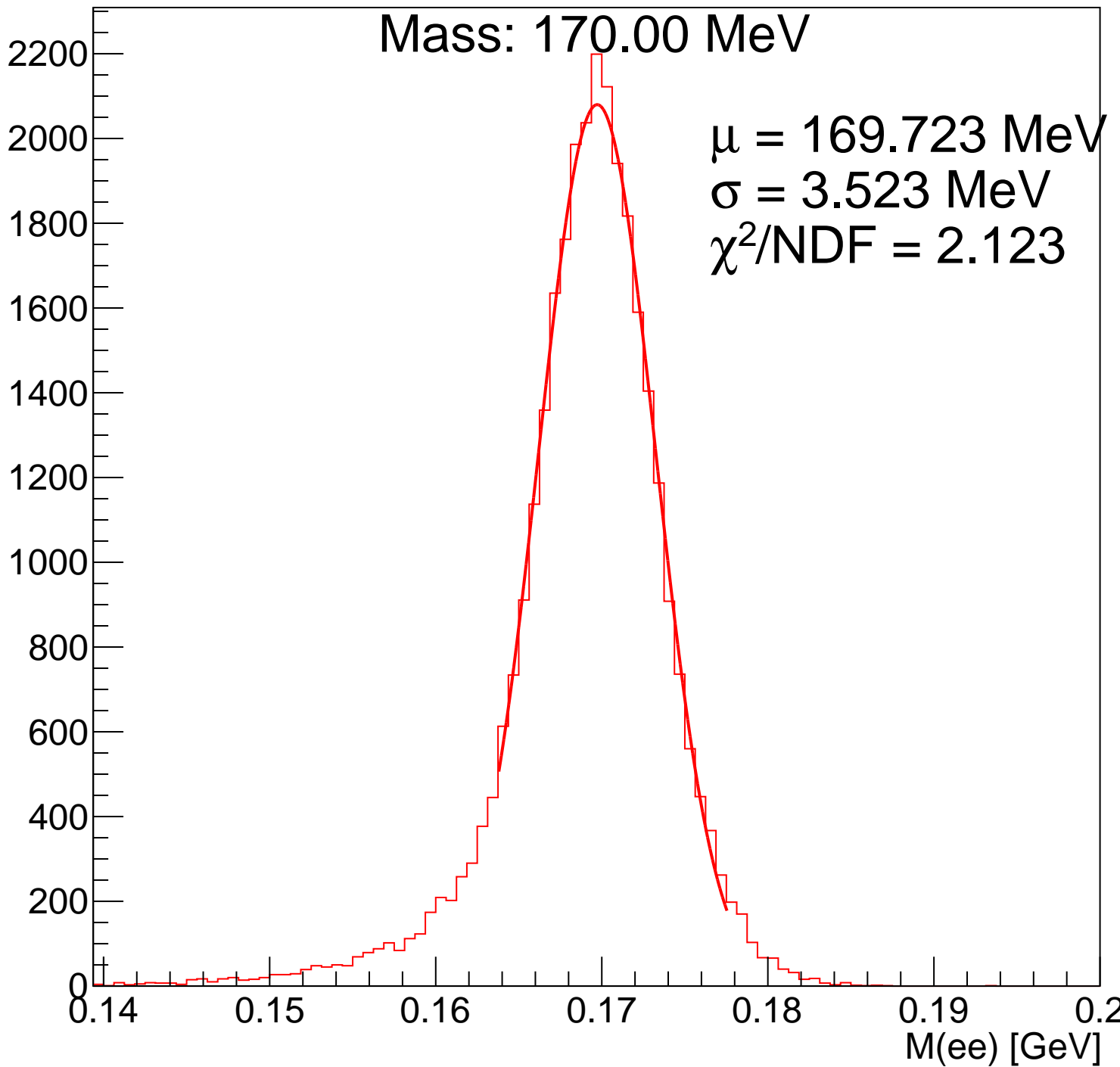
$\chi^2/\text{NDF} = 3.370$











Mass: 175.00 MeV

$\mu = 174.634$ MeV

$\sigma = 3.612$ MeV

$\chi^2/\text{NDF} = 2.961$

