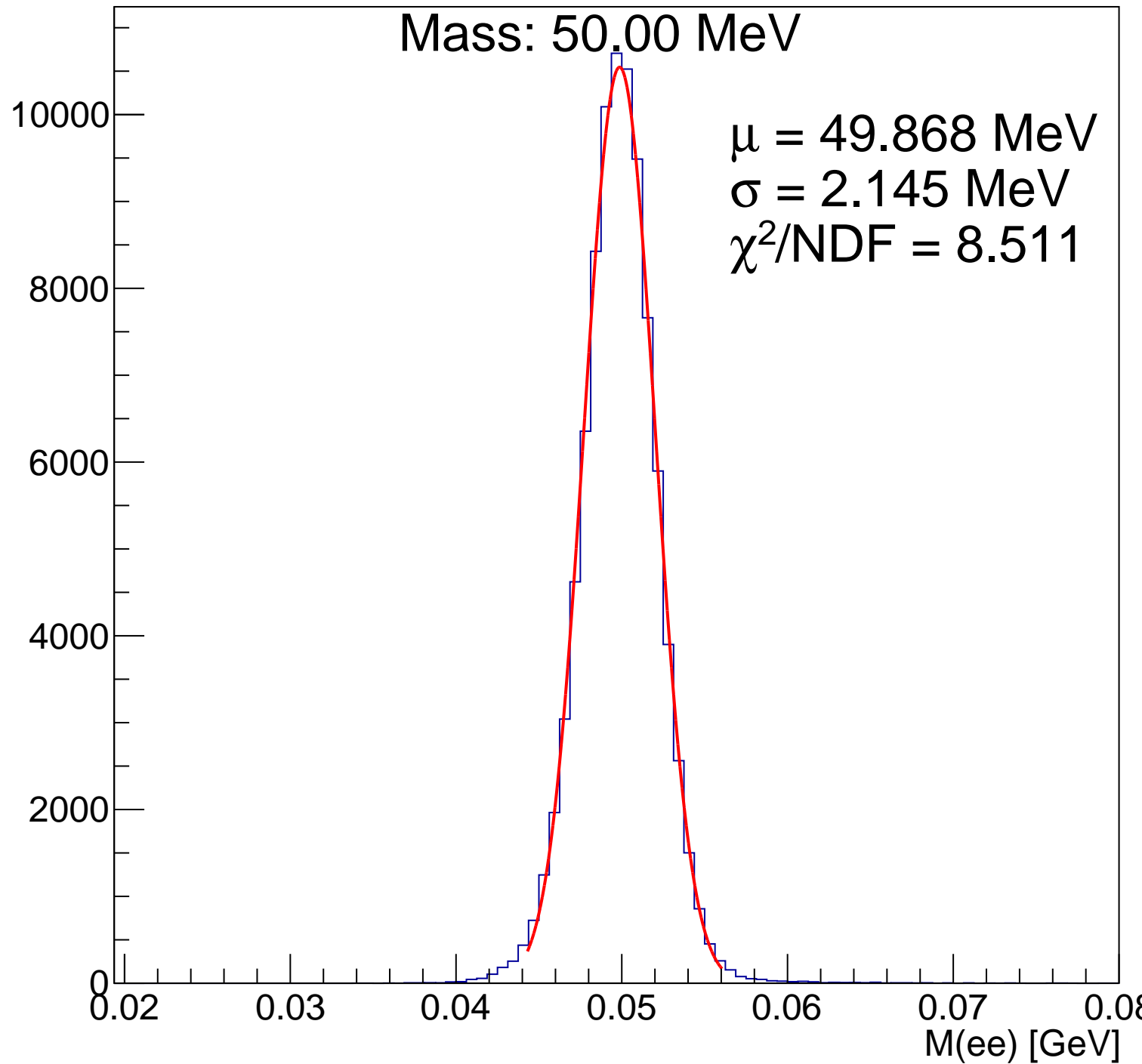


Mass: 50.00 MeV

$\mu = 49.868$ MeV

$\sigma = 2.145$ MeV

$\chi^2/\text{NDF} = 8.511$

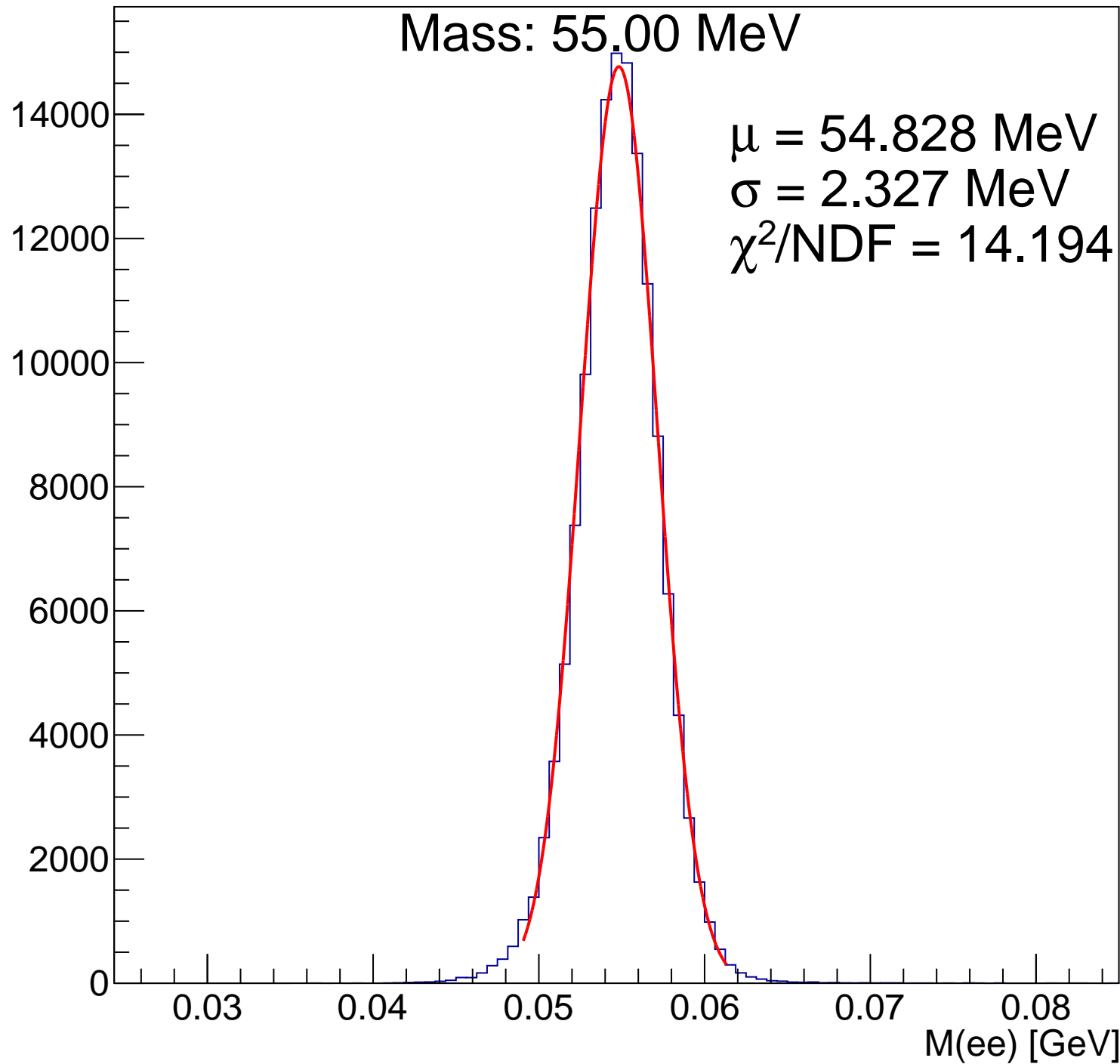


Mass: 55.00 MeV

$\mu = 54.828$ MeV

$\sigma = 2.327$ MeV

$\chi^2/\text{NDF} = 14.194$

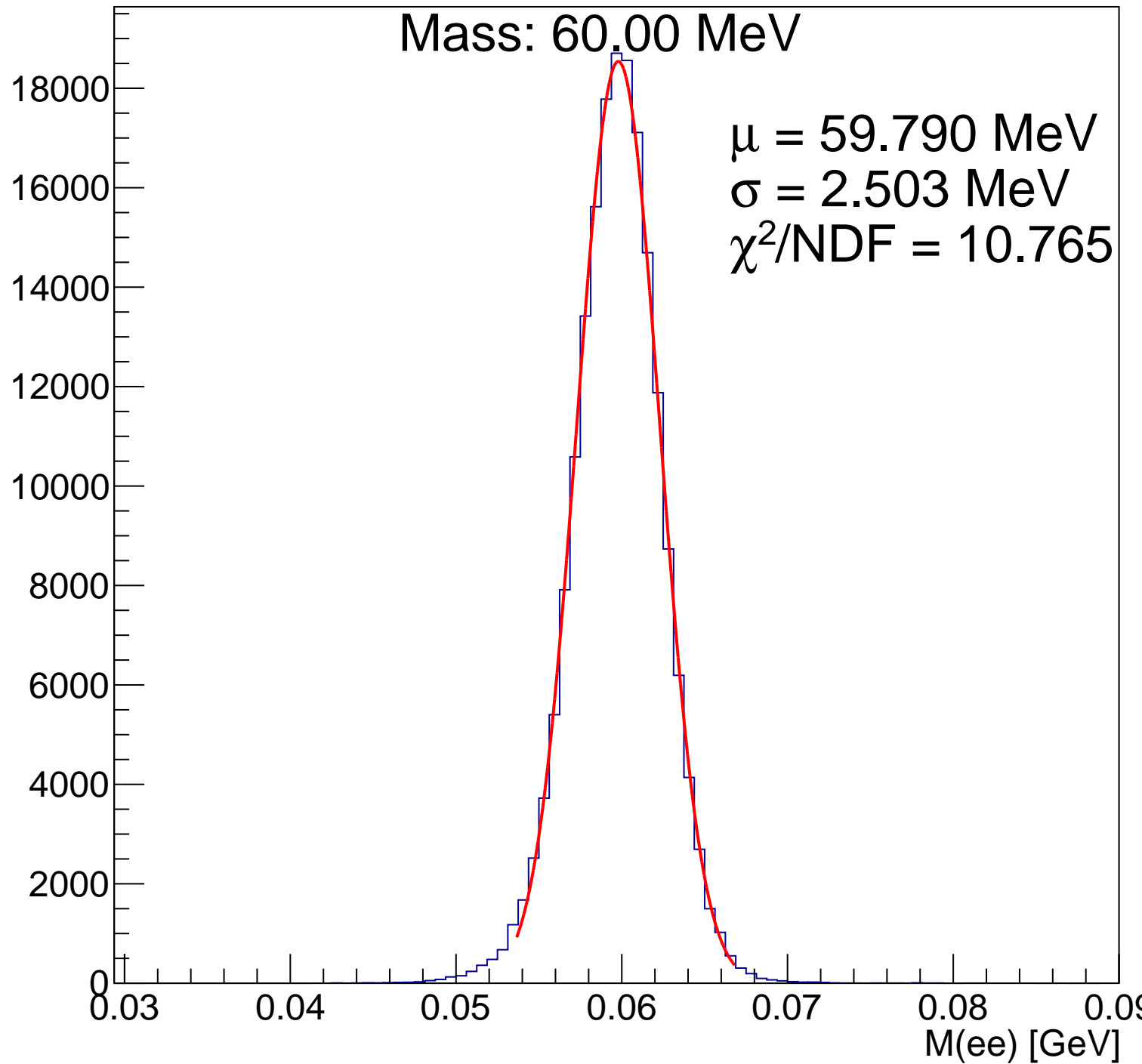


Mass: 60.00 MeV

$\mu = 59.790$ MeV

$\sigma = 2.503$ MeV

$\chi^2/\text{NDF} = 10.765$

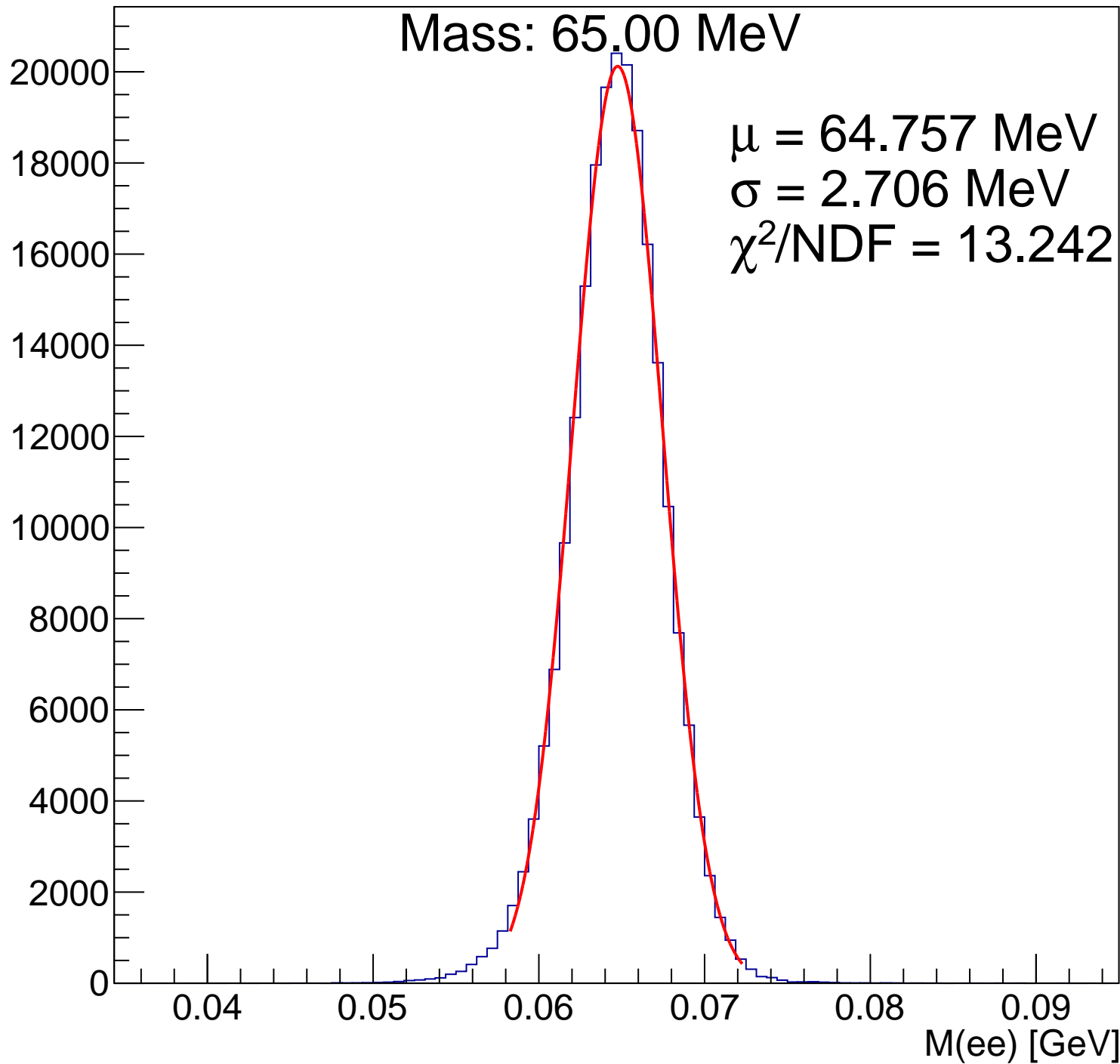


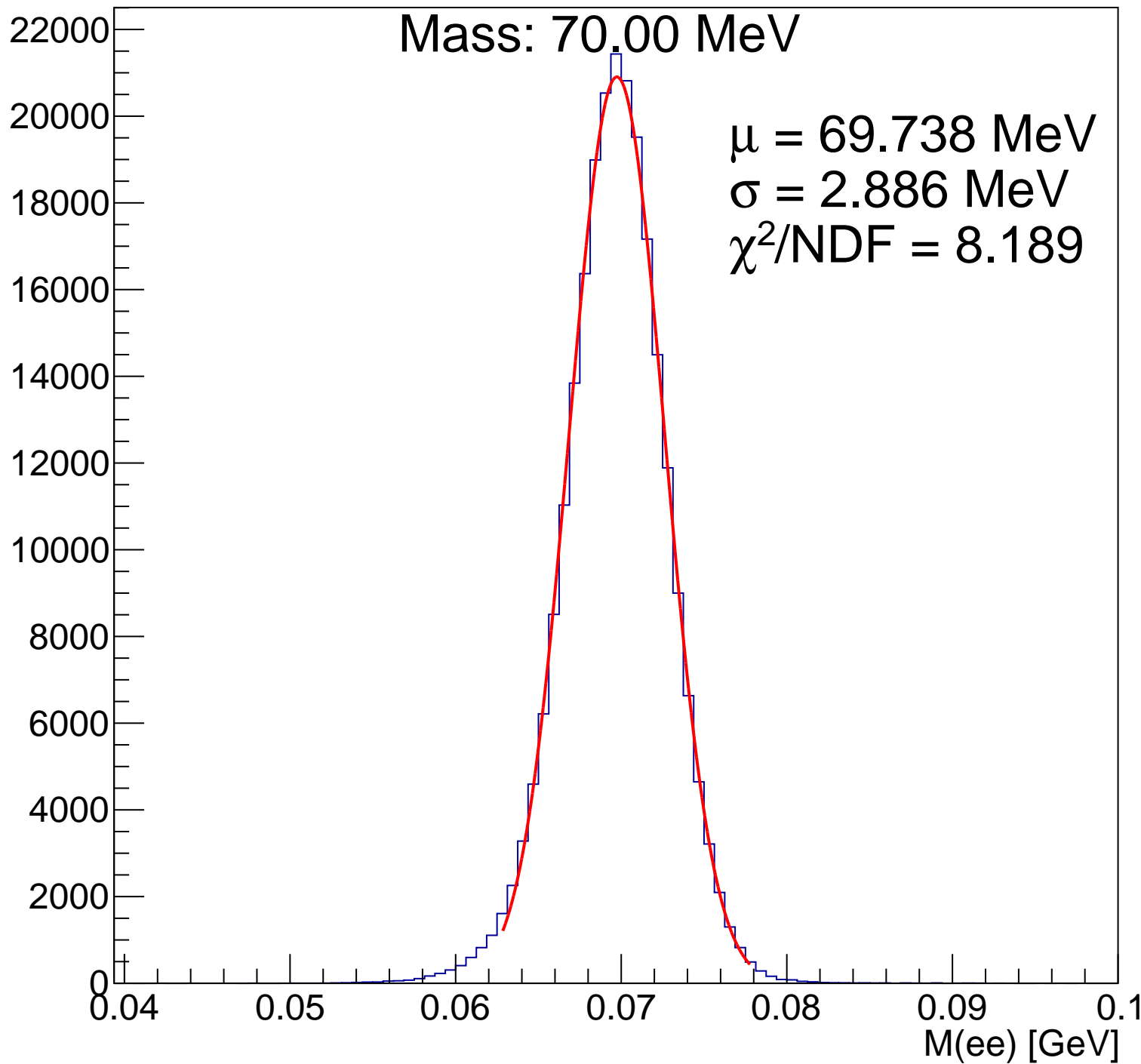
Mass: 65.00 MeV

$\mu = 64.757$ MeV

$\sigma = 2.706$ MeV

$\chi^2/\text{NDF} = 13.242$



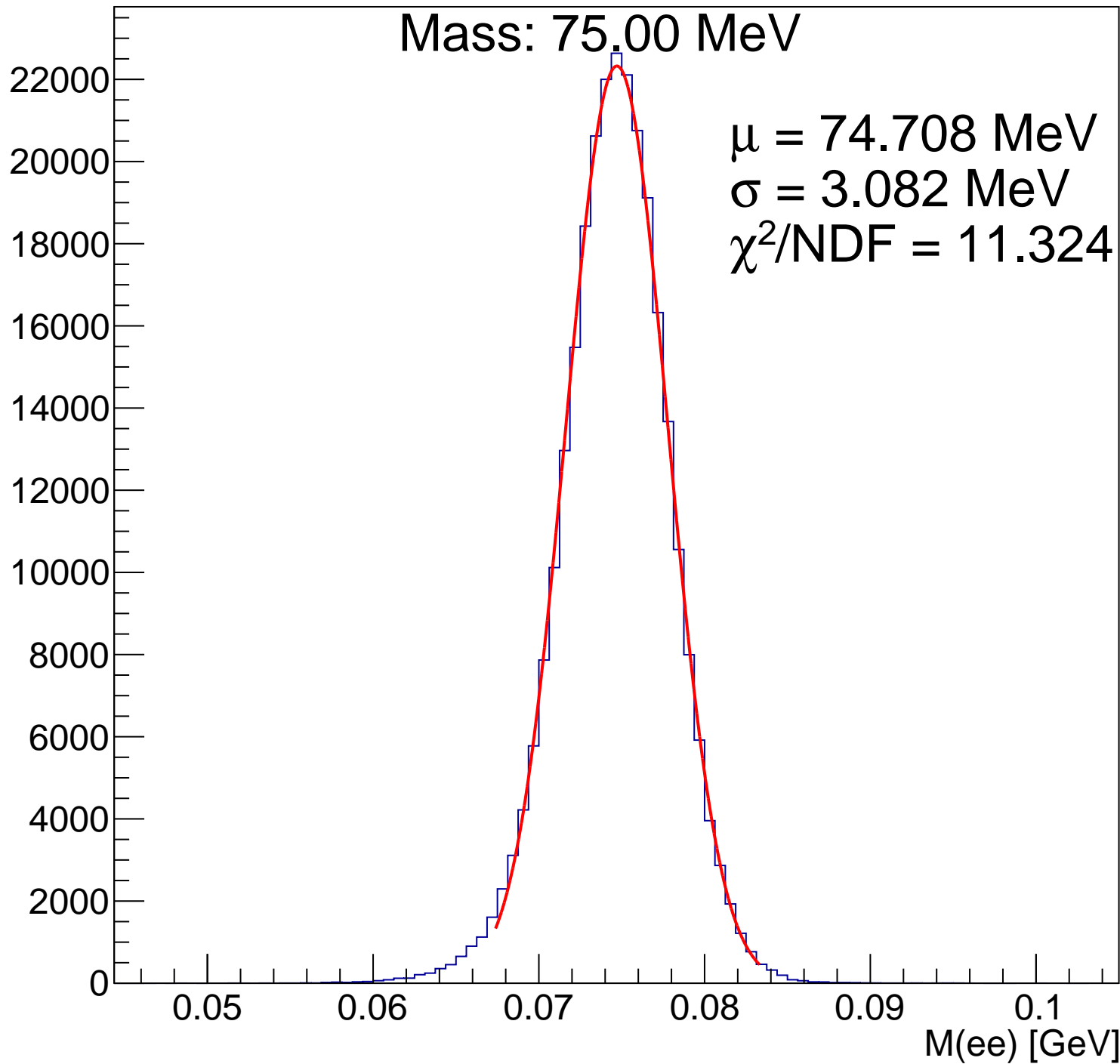


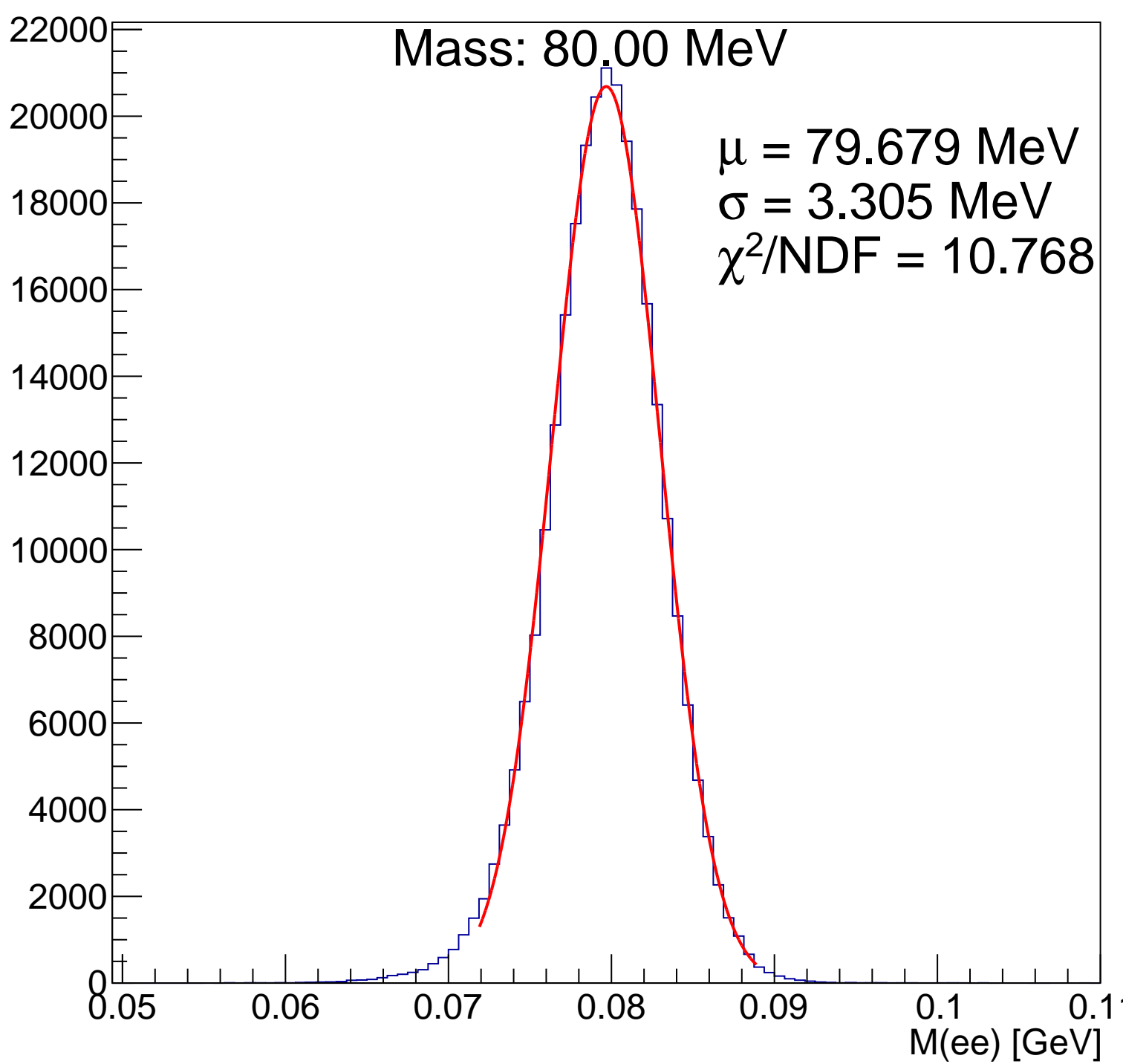
Mass: 75.00 MeV

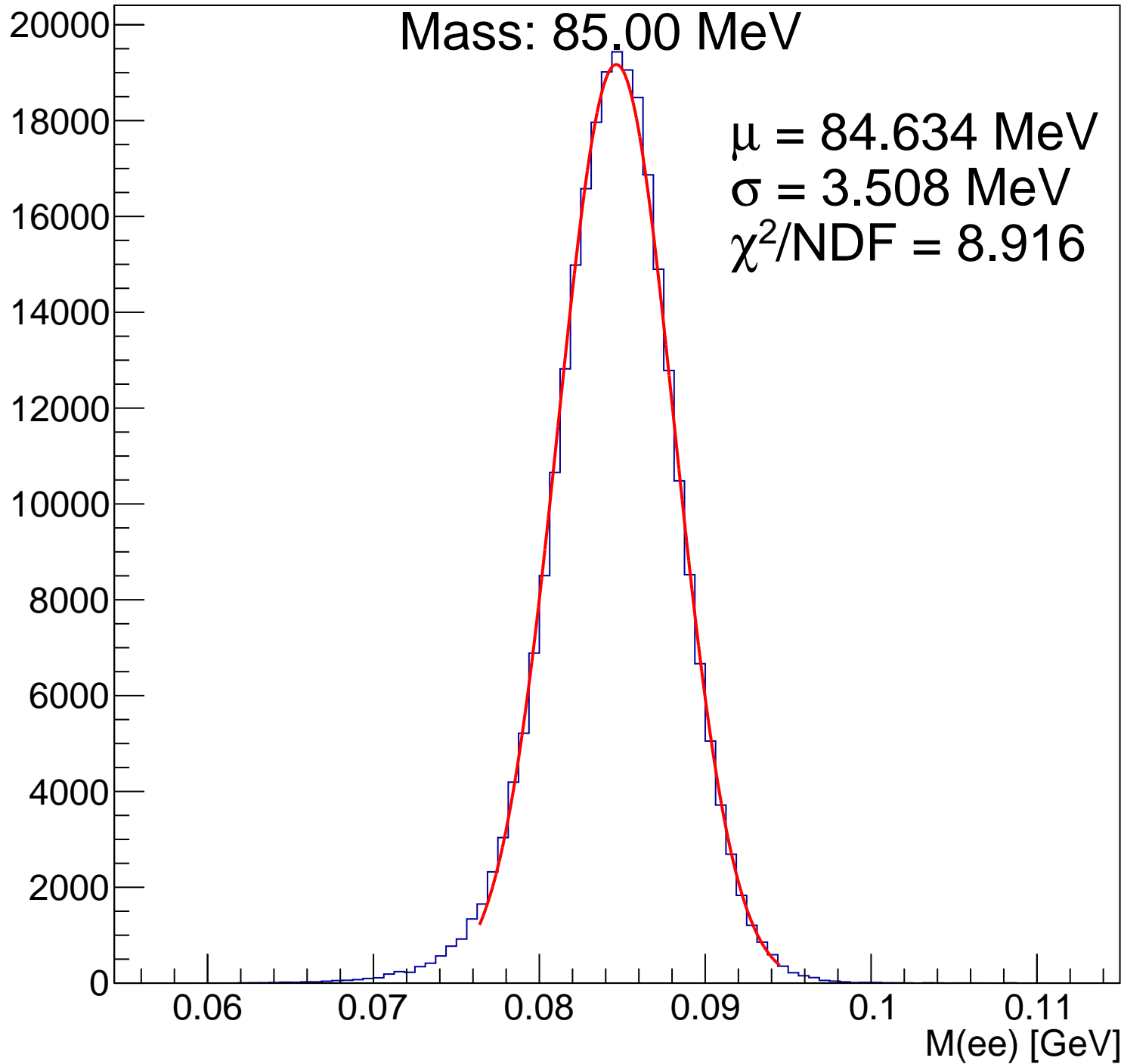
$\mu = 74.708$ MeV

$\sigma = 3.082$ MeV

$\chi^2/\text{NDF} = 11.324$





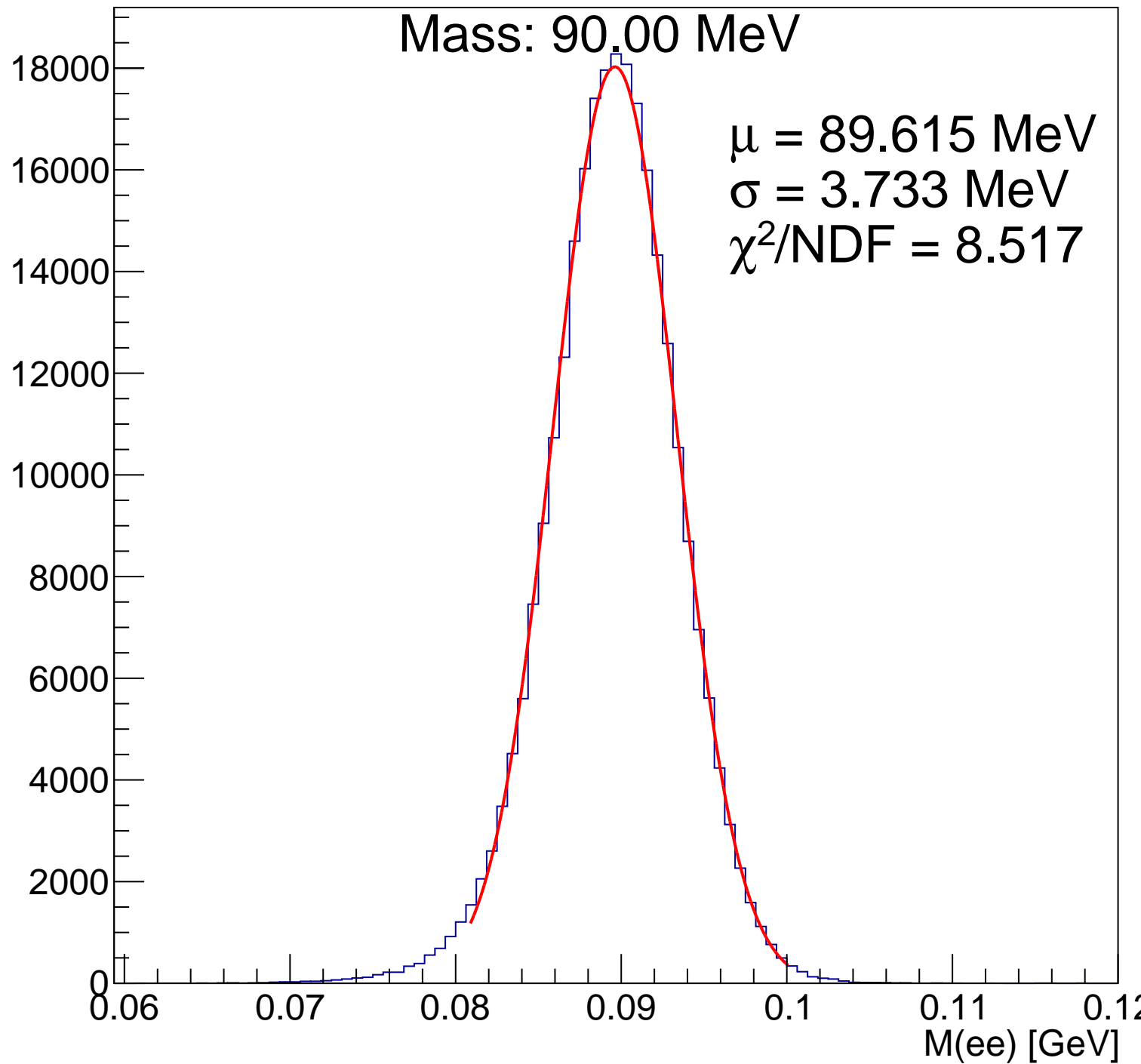


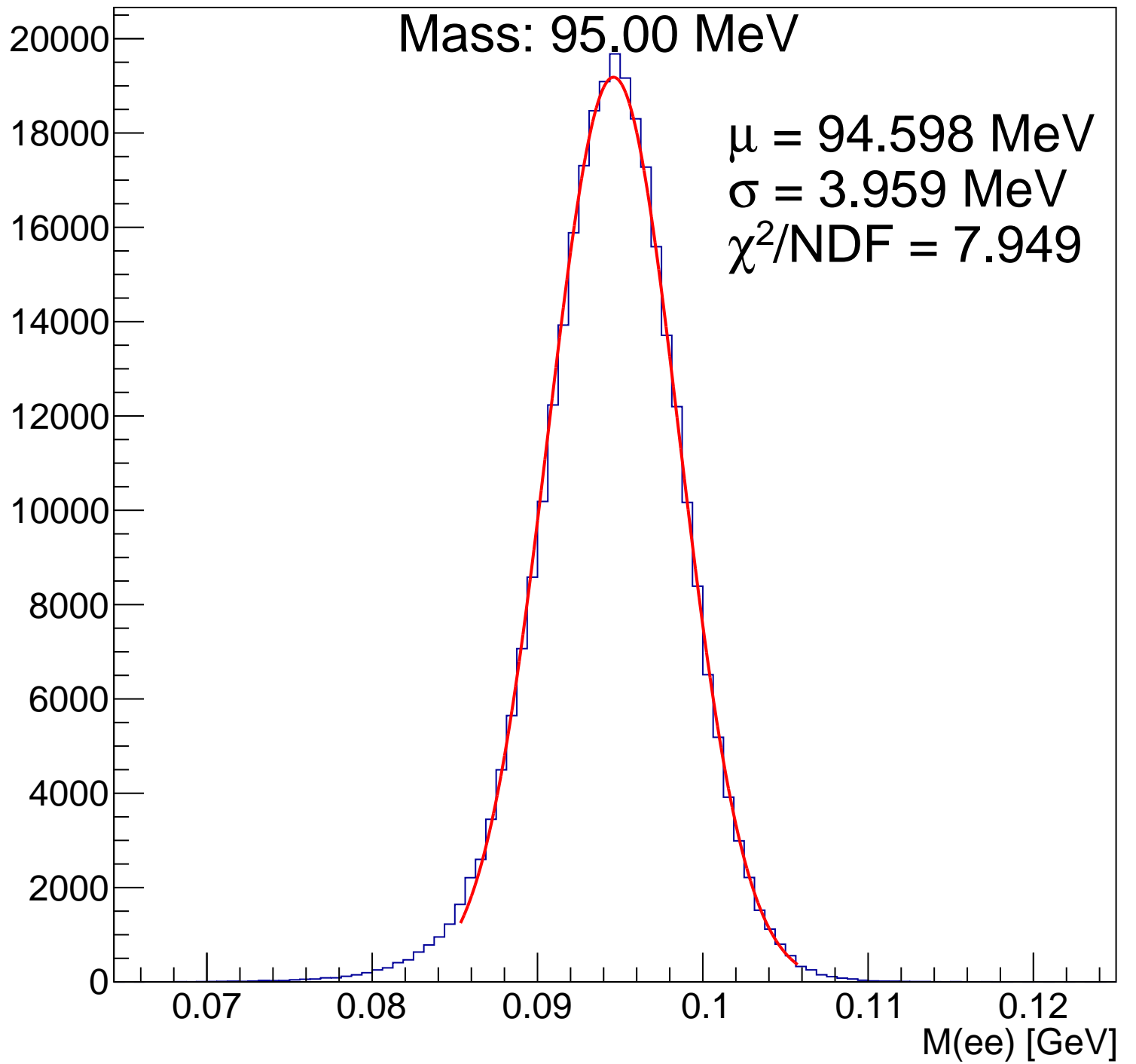
Mass: 90.00 MeV

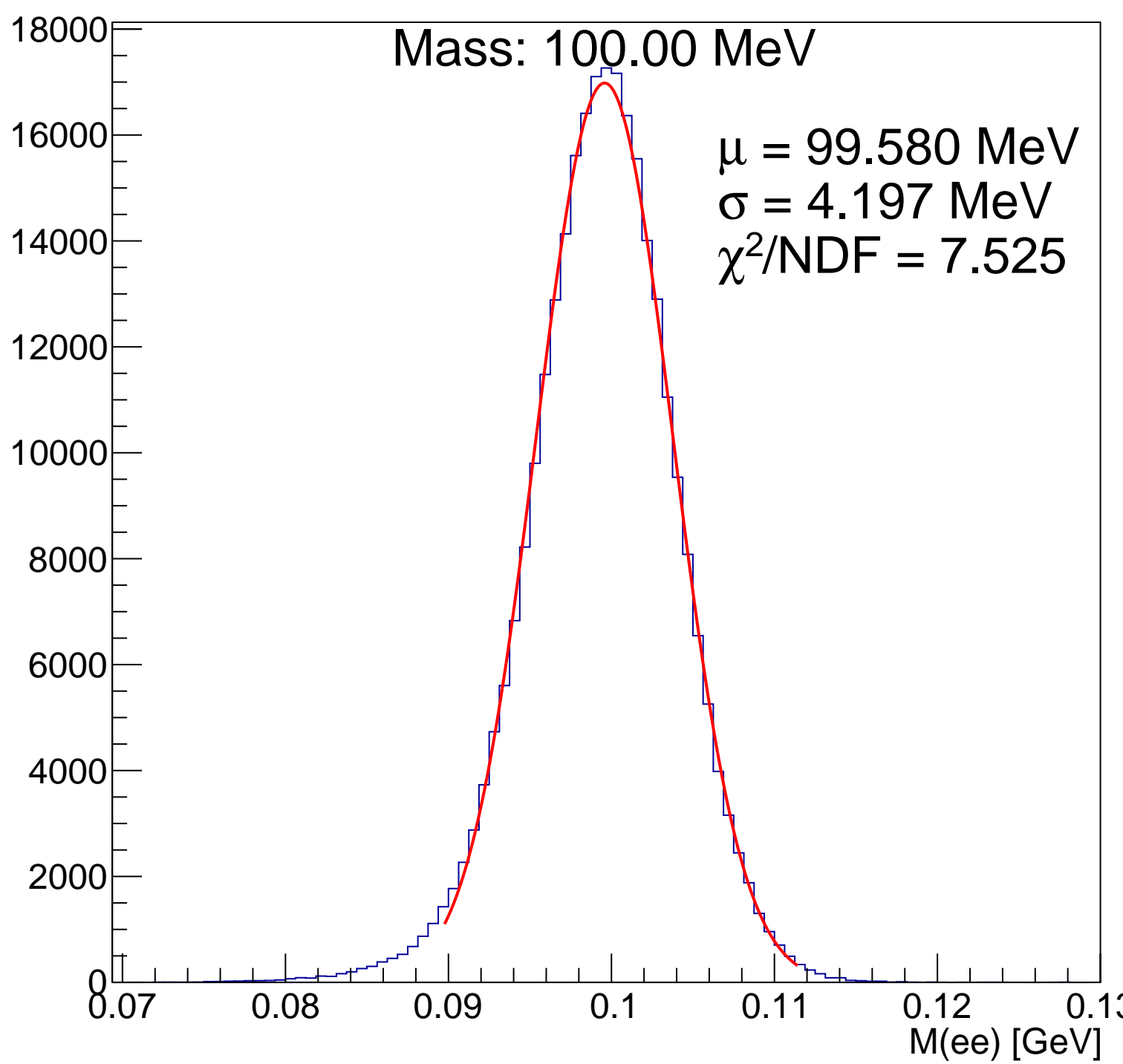
$\mu = 89.615$ MeV

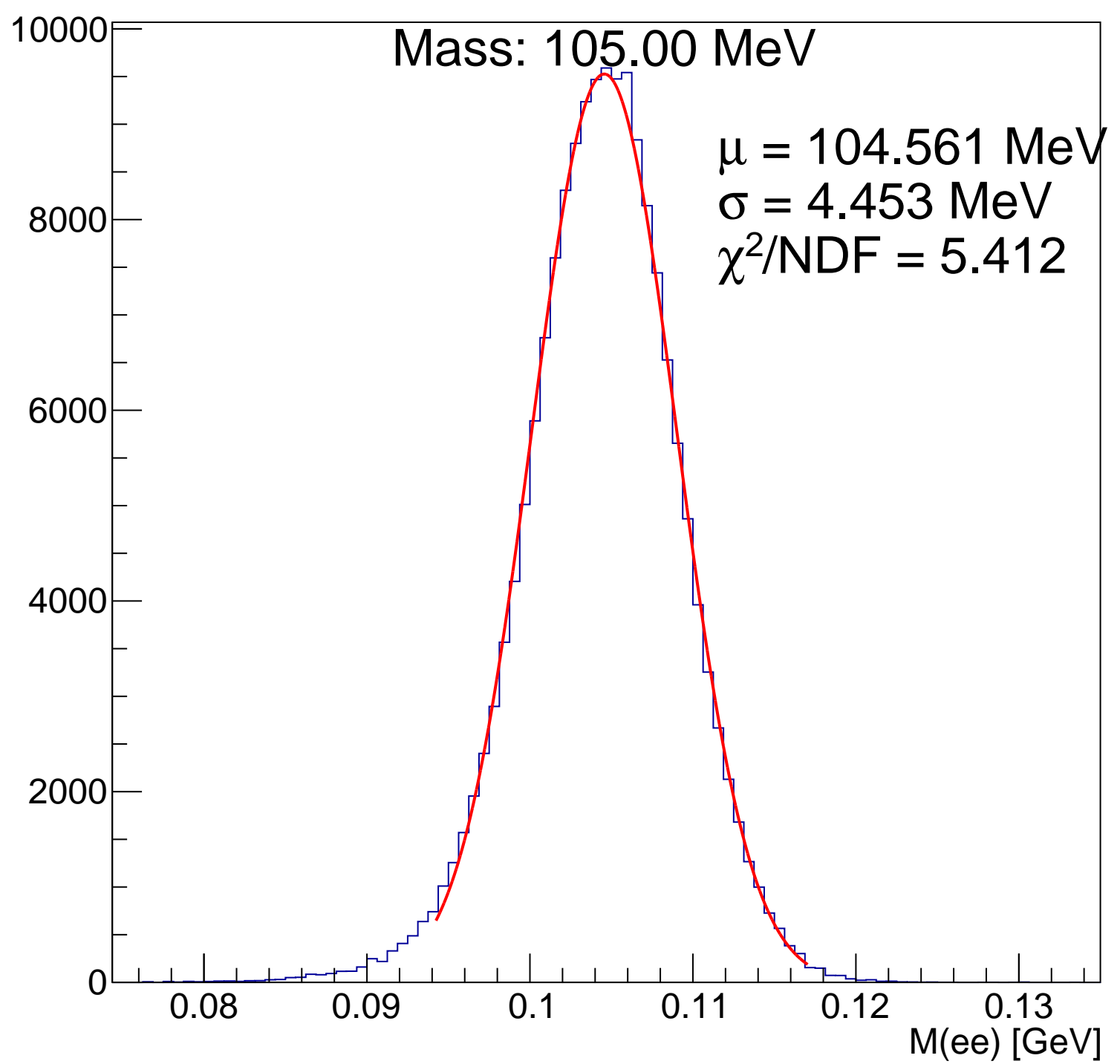
$\sigma = 3.733$ MeV

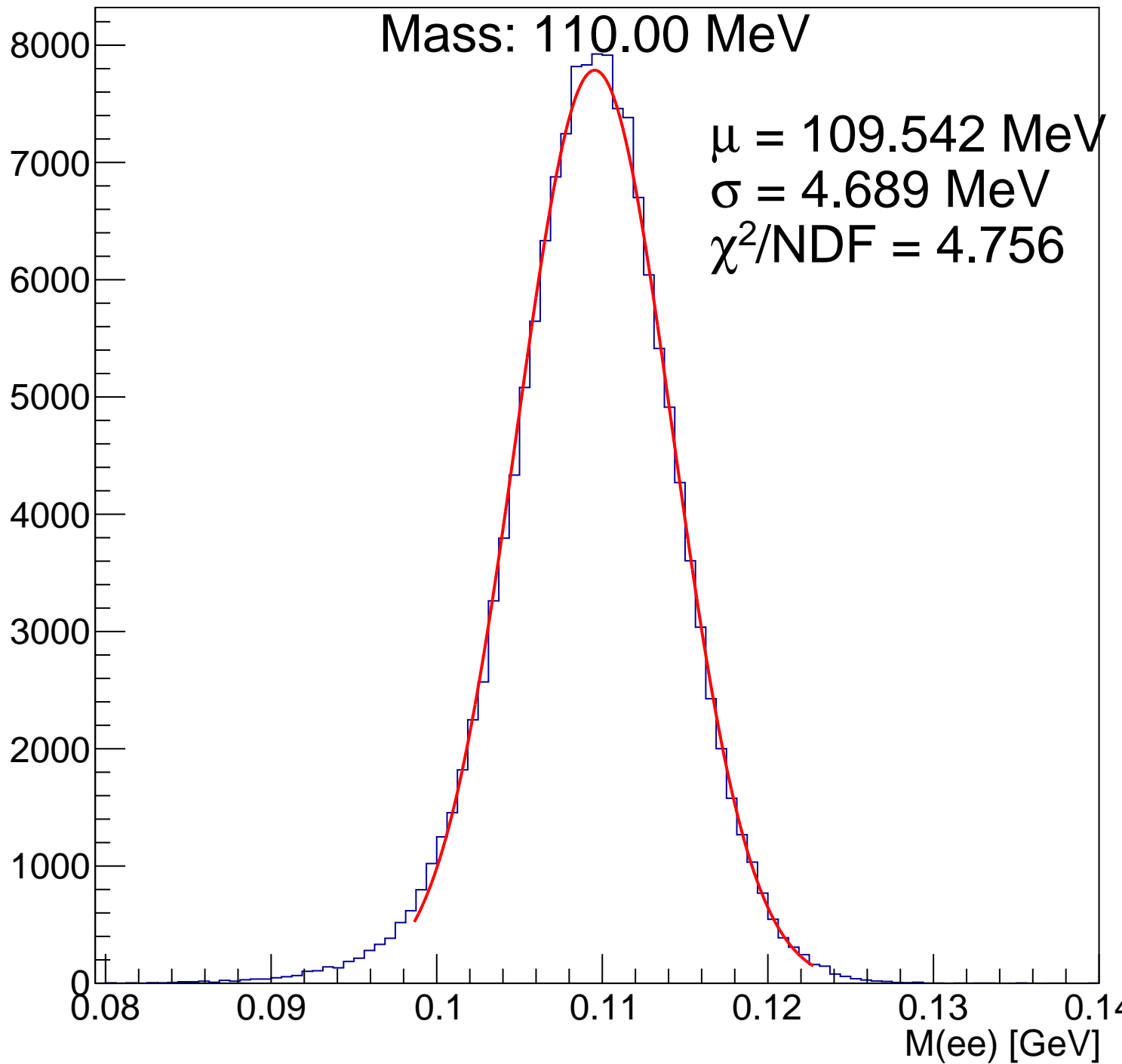
$\chi^2/\text{NDF} = 8.517$









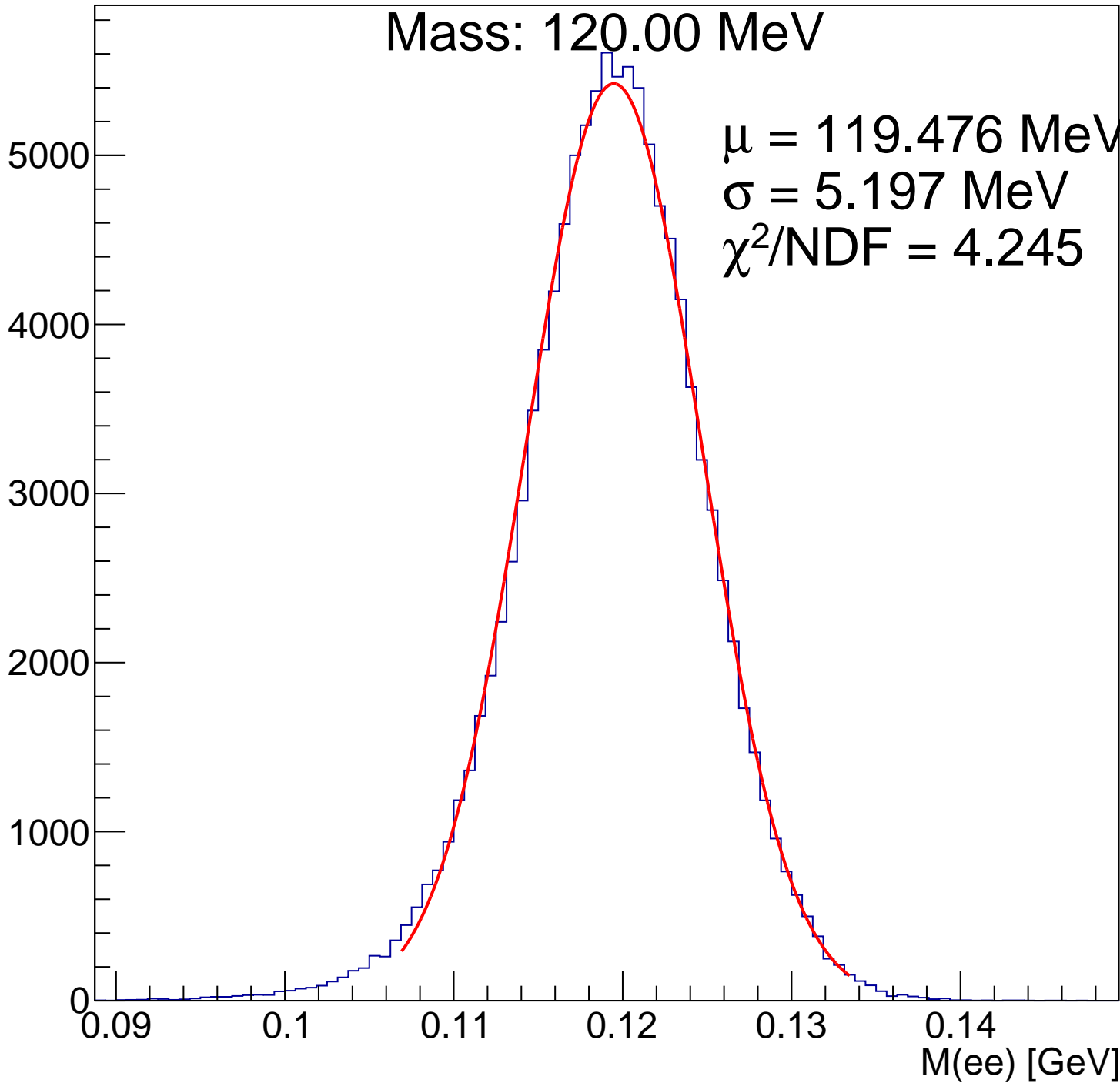


Mass: 120.00 MeV

$\mu = 119.476$ MeV

$\sigma = 5.197$ MeV

$\chi^2/\text{NDF} = 4.245$

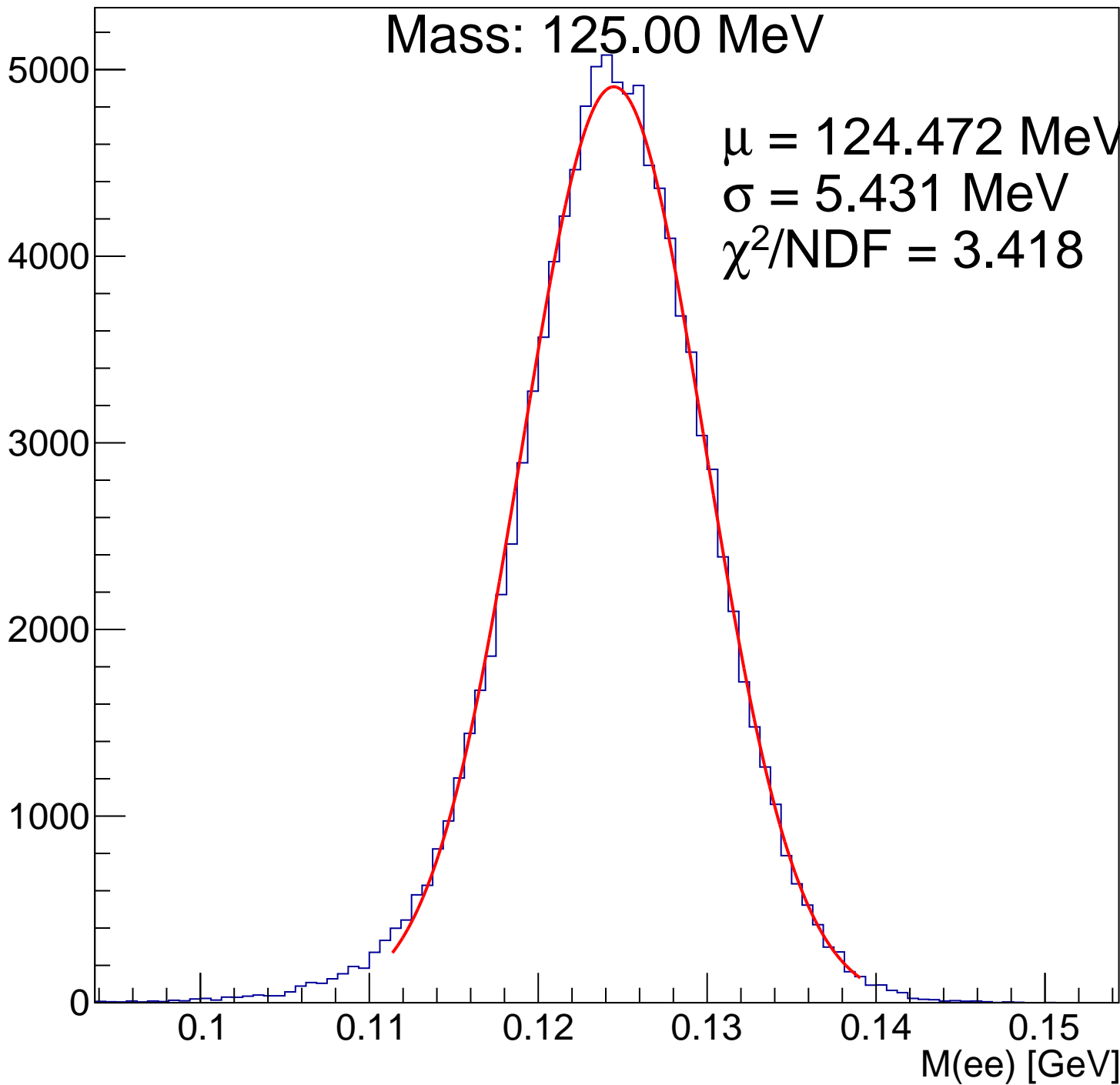


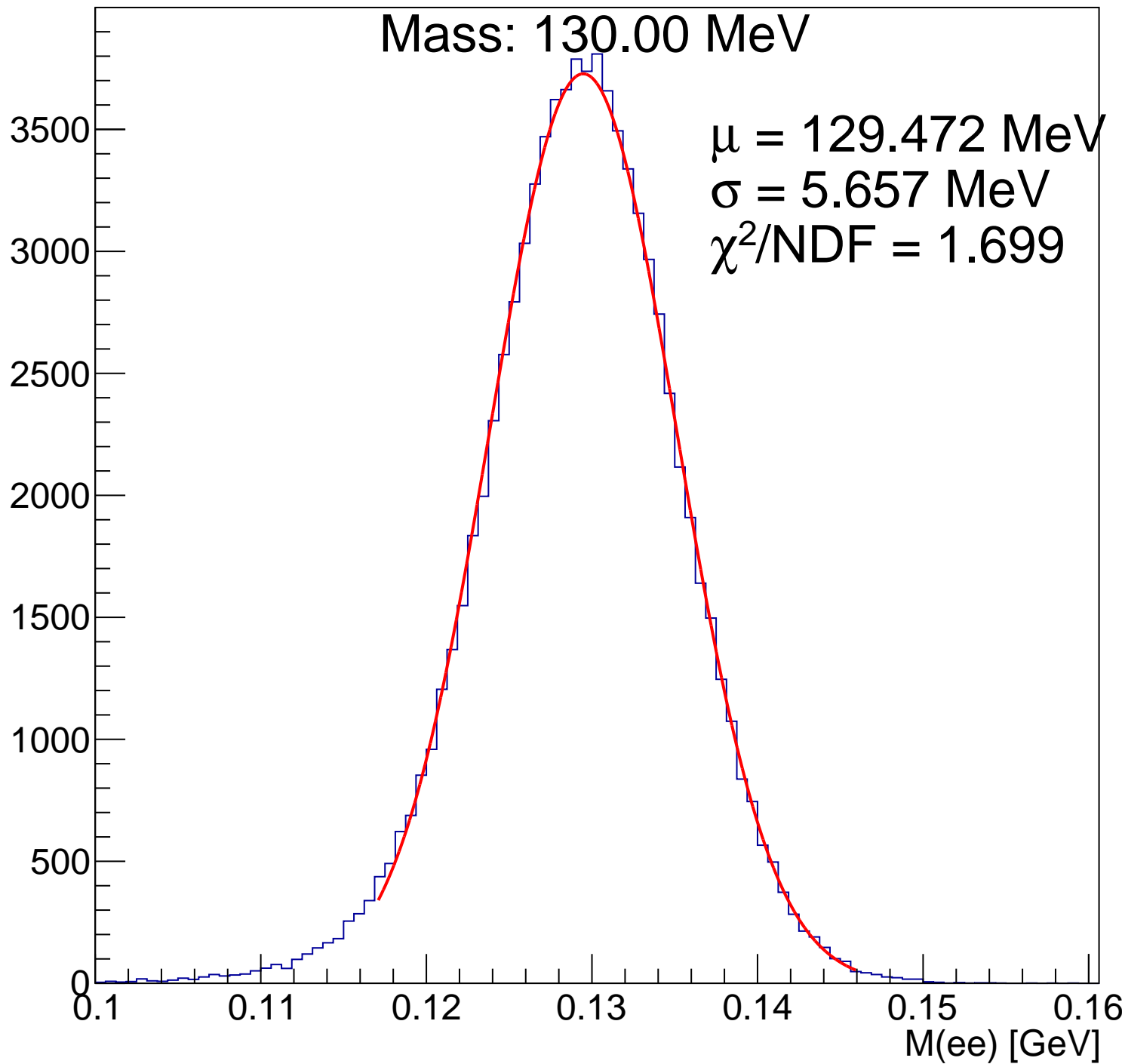
Mass: 125.00 MeV

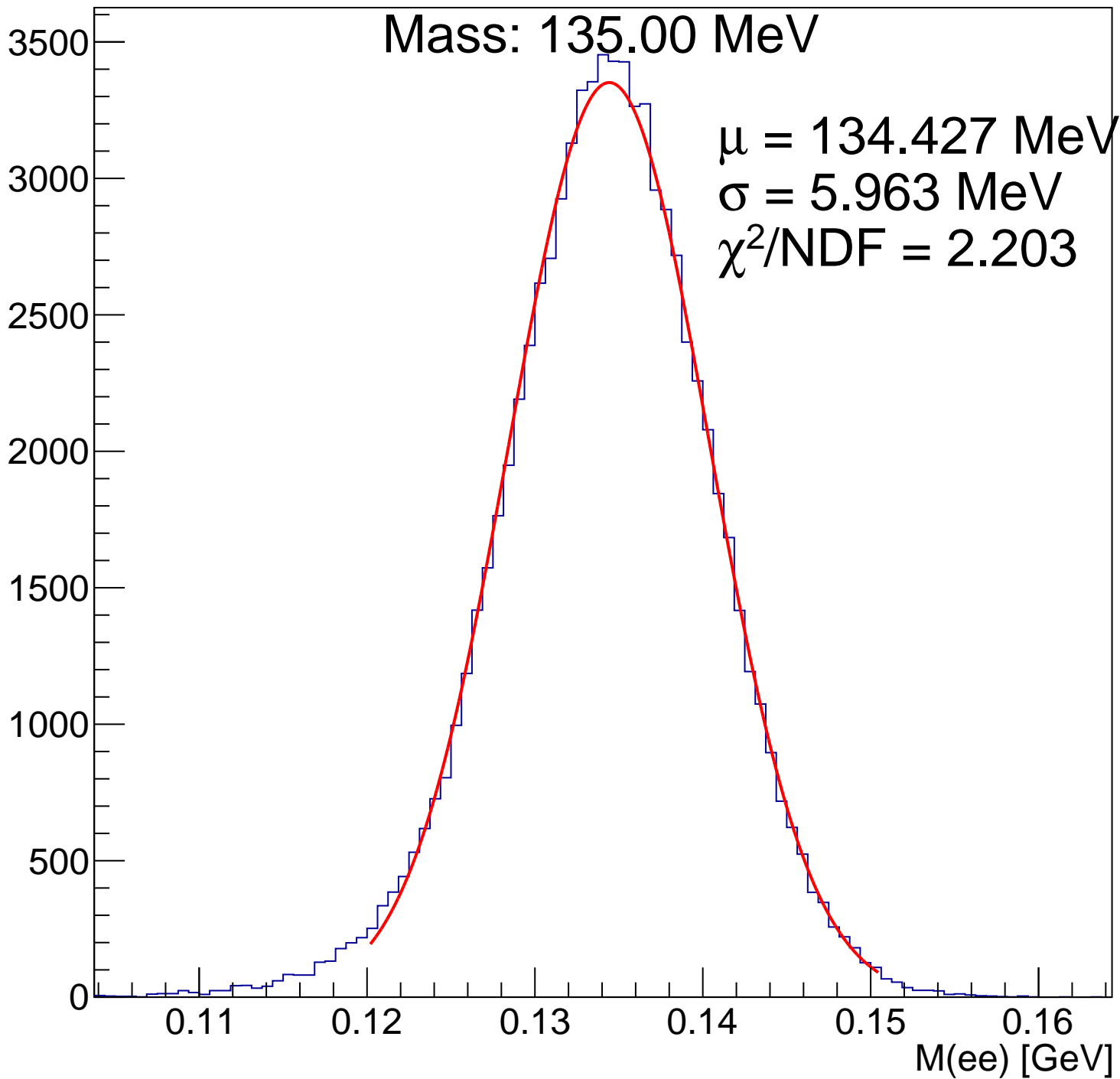
$\mu = 124.472$ MeV

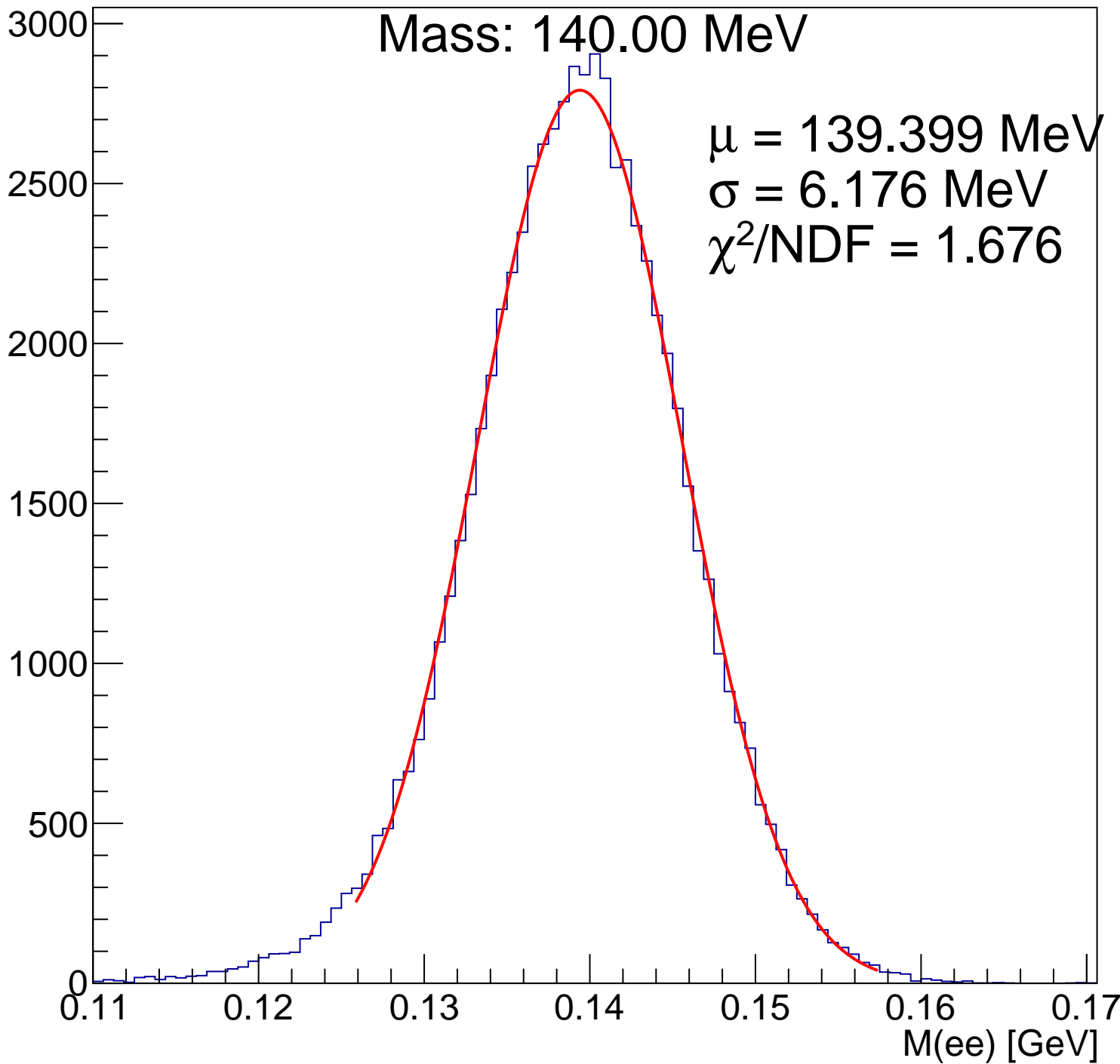
$\sigma = 5.431$ MeV

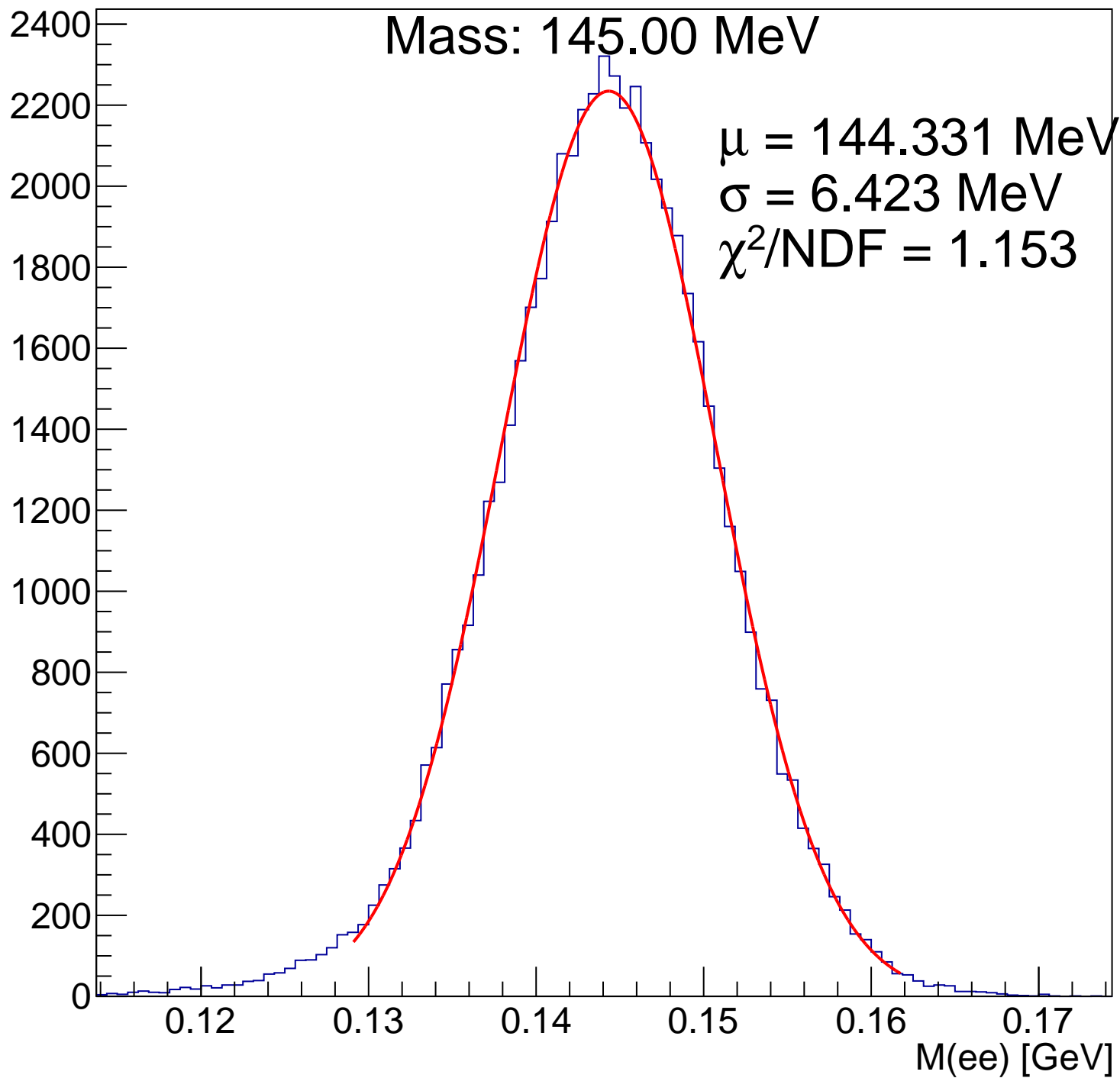
$\chi^2/\text{NDF} = 3.418$











Mass: 155.00 MeV

$\mu = 154.312 \text{ MeV}$

$\sigma = 6.929 \text{ MeV}$

$\chi^2/\text{NDF} = 0.847$

