# data vs fit curve



$$p1*m^{p2}*exp(p3*m+p4*m^2+p5*m^3)$$

p1 = 1.613e+12 $\pm$ 2.185e+10

p2 = -3.544e+00 $\pm$ 5.051e-02

p3 = -1.787e-03 $\pm$ 2.125e-05

p4 = 1.143e-07 $\pm$ 1.331e-09

p5 = -1.946e-11 $\pm$ 2.308e-13
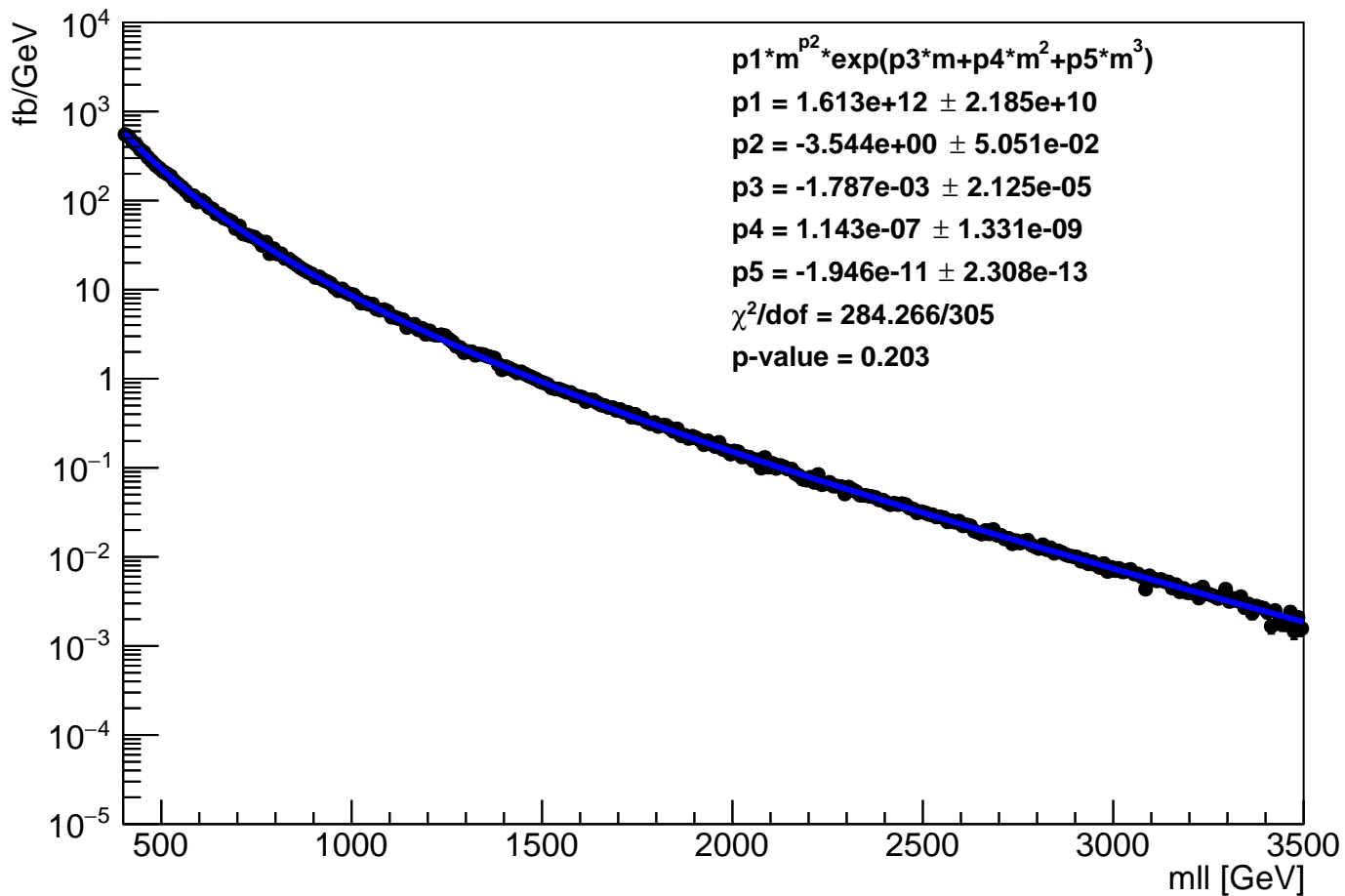
$\chi^2$/dof = 284.266/305

p-value = 0.203

Pull of Histogram of mube2018_sig_MC_plot__mube2018_mass and Projection of mube2018_sigmodel