data vs fit curve

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

p1 = 2.876e+12 $\pm$ **3.948e+10**

p2 = -4.003e+00 $\pm$ **6.017e-02**

p3 = -4.216e-03 $\pm$ **5.188e-05**

p4 = 1.573e-06 $\pm$ **1.867e-08**

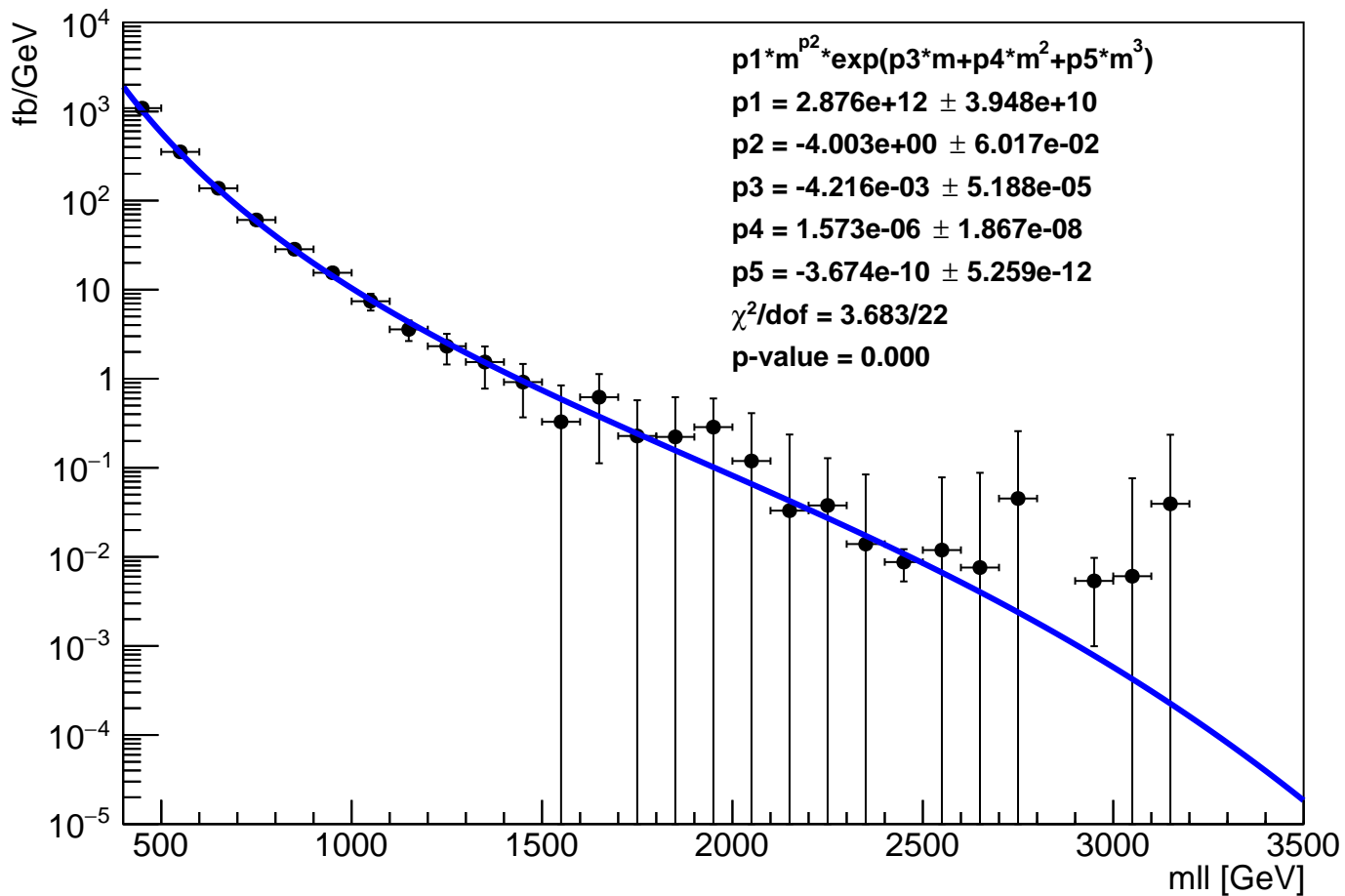**p5 = -3.674e-10** $\pm$ **5.259e-12**

χ^2**/dof = 3.683/22**

p-value = 0.000

Pull of Histogram of elbe2018_bkg_MC_plot__elbe2018_mass and Projection of elbe2018_bkgmodel