

Events

CMS PbPb,  $\sqrt{s_{\text{NN}}} = 5.02$  TeV

Data, NP MassFull

 $25.0 < p_{\text{T}} < 40.0$ ,  $0.0 < y < 1.6$ 

—●— Data  
—●— Fit model  
—●— CB1  
—●— CB2  
—●— Gauss  
—●— Bkg

 $N_{\text{sig}} = 1027 \pm 40$  $N_{\text{bkg}} = 444 \pm 32$  $\text{mean} = 3.095 \pm 0.001$  $\sigma_{\text{L}} = 0.021 \pm 0.003$  $f_{\text{CB,R}} = 0.468 \pm 0.152$  $f_{\text{Gauss}} = 0.155 \pm 0.222$  $c1 = -0.663 \pm 0.072$  $N_{\text{Sig, sub}} = 993$  $N_{\text{Bkg, sub}} = 91$  $10^4$  $10^3$  $10^2$ 

10

1

5

0

-5

 $\chi^2/\text{ndf} = 0.95$  $\text{mass}_{\mu\mu}^{\text{inv}} [\text{GeV}/c^2]$ 

2.6 2.7 2.8 2.9 3 3.1 3.2 3.3 3.4 3.5