

pPb Simulation

 $\sqrt{s_{\text{NN}}} = 8.16 \text{ TeV}$ 

Events / ( 2 GeV/c )

**CMS***Preliminary*

$$3 < q_T^Z < 4$$

$$N_{\text{evts}} = 34017 \pm 184$$

$$\mu = -2.27 \pm 0.05$$

$$\sigma_1 = 10.87 \pm 0.07$$

$$\sigma_2 = 5.93 \pm 0.06$$

Pull

$$\chi^2/\text{ndof} = 60 / 38$$

 $u_{||} \text{ [GeV/c]}$ 