

pPb Simulation

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

Events / ( 2 GeV/c )

**CMS***Preliminary*

$$3 < q_T^Z < 4$$

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

$$\mu = -0.04 \pm 0.04$$

$$\sigma_1 = 10.65 \pm 0.07$$

$$\sigma_2 = 5.82 \pm 0.06$$

Pull

$$\chi^2/\text{ndof} = 78 / 39$$

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