

pPb Simulation

 $\sqrt{s_{NN}} = 8.16 \text{ TeV}$ **CMS***Preliminary*

$$s_0 = 10.79 \pm 0.03$$

$$s_1 = 0.37 \pm 0.06$$

$$\alpha = 1.57 \pm 0.08$$

 $\sigma_1(u_{\parallel}) \text{ [GeV/c]}$

Pull

 $\chi^2/\text{ndof} = 35 / 27$ $q_T^Z \text{ [GeV/c]}$ 