

γ $p_T > 100$ GeV

CMS preliminary 2012

 12.2 fb^{-1} at $\sqrt{s} = 8 \text{ TeV}$

$$\text{Fit: } \sigma(E_c^{\text{miss}}) = c_1 \sqrt{\Sigma E_T - q_T} + c_2$$

- data A+B+C $c_1 = 0.61 \pm 0.01$
○ sim A+B+C $c_1 = 0.53 \pm 0.01^{+0.08}_{-0.07}$

 $\sigma(E_x^{\text{miss}}) [\text{GeV}]$

30

20

10

 $(\text{MC-data})/\text{data}$

0.5

0

-0.5

 $\Sigma E_T - q_T [\text{GeV}]$ 