

$\sqrt{s}=7$ TeV

CMS Simulation

CaloJets (Anti- k_T $R=0.5$)
 $0 < |\eta| < 0.5$ $\sigma(p_T/p_T^{\text{REF}}) / \langle p_T/p_T^{\text{REF}} \rangle$

- asymmetry
- reconstructed resolution
- △ MC-truth
- ◇ particle level imbalance

 $\frac{\text{Asym.-MC}}{\text{Asym.}} [\%]$ p_T [GeV]

0.3

0.2

0.1

20

10

-10

-20

50

100

200

300

400

1000