

(8 TeV)

σ_{JER}

CMS

Simulation

Anti- k_T , $R=0.5$ (PF+CHS)

$|\eta| < 1.3$

- ▲ **gluons**
- ◆ **uds quarks**
- **cb quarks**

0.3

0.25

0.2

0.15

0.1

0.05

0

30

100

200

1000

$p_{T,\text{ptcl}}$ (GeV)

excluding ν 's in particle jet

