

(8 TeV)

Pileup-Corrected Response

**CMS**

*Simulation*

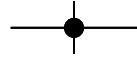
**QCD Monte Carlo**

**Anti- $k_T$  R=0.5, PF+CHS**

**$|\eta| < 1.3$**



**No pileup ( $\mu = 0$ )**



**$0 < \mu < 10$**



**$10 < \mu < 20$**



**$20 < \mu < 30$**



**$30 < \mu < 40$**

1.7  
1.6  
1.5  
1.4  
1.3  
1.2  
1.1  
1  
0.9  
0.8

30

100

200

1000

2000

$p_T^{\text{GEN}}$  [GeV]