

CMS,  $pp \rightarrow \text{jet}_{\text{fwd}} + X$ ,  $\sqrt{s} = 7 \text{ TeV}$ ,  $L_{\text{int}} = 3.14 \text{ pb}^{-1}$

Ratio to NLO (CT10)  $\otimes$  NP

- CMS Data
- CT10  $\otimes$  NP,  $\Delta$ PDF CL68
- HERAPDF1.0  $\otimes$  NP
- ABKM09  $\otimes$  NP
- $\Delta$ (NP  $\oplus$  Scale)

1.4

1.2

1.0

0.8

0.6

Anti- $k_T$   $R=0.5$ ,  $3.2 \leq |\eta| < 4.7$

50

100

150

$p_T$  (GeV/c)

