

$\Delta\sigma(\Delta\alpha_s)/\sigma$

0.2

Dijet Mass
fastNLO NLO (CT10as)

 $E_{\text{cms}} = 7 \text{ TeV}$ Anti- k_T , $R=0.7$ Sensitivity to α_s

0

-0.2

— $0.0 \leq |y_{\text{max}}| < 0.5$ Hatched: PDF with $\Delta\alpha_s = \pm 0.003$ Lines: $\Delta\alpha_s = 0.003$ 10^3 M_{jj}/GeV 