

NNPDF 2.3 (NLO)

u valence quark

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

1000

$$0 \leq y_b < 1$$

$$1 \leq y^* < 2$$

500

300

200

 $10^{-4}$  $10^{-3}$  $10^{-2}$  $10^{-1}$  $10^0$  $x$ 

1.0

0.8

0.6

0.4

0.2

0.0

-0.2

-0.4

-0.6

-0.8

-1.0

Correlation coefficient  $\rho$ 