

$\langle \bar{\eta} \rangle$

**STAR**



data SD (stat.+syst.)



PYTHIA 8 4C SD (SaS)



PYTHIA 8 A2-CTEQ6L1 SD (MBR)



PYTHIA 8 A2-CTEQ6L1 SD (MBR-tuned)



HERWIG 7.1 SD



EPOS-LHC SD+SD'



EPOS-LHC SD'

0.1

0

-0.1

0.05

0.1

0.15

0.2

**p+p data  $\sqrt{s}=200$  GeV**  
 **$0.04 < -t < 0.16$  [GeV<sup>2</sup>/c<sup>2</sup>]**

**$|\eta| < 0.7, p_T > 0.2$  GeV/c,  $2 \leq n_{ch} \leq 8$**

$\xi$

