

\bar{p}/p ratio

$0.02 < \xi < 0.05, 0.04 < -t < 0.16 \text{ [GeV}^2/\text{c}^2]$
 $|\eta| < 0.7, 2 \leq n_{\text{ch}} \leq 8$

0.5

1

nominal	pile-up down	pile-up up
dead material down	dead material up	emb. down
emb. up	fake down	fake up
TOF down	TOF up	accidentals down
accidentals up	hadronization down	hadronization up
bkg. down	bkg. up	non-closure up
non-closure down	p bkg. down	p bkg. up

ratio

0.95

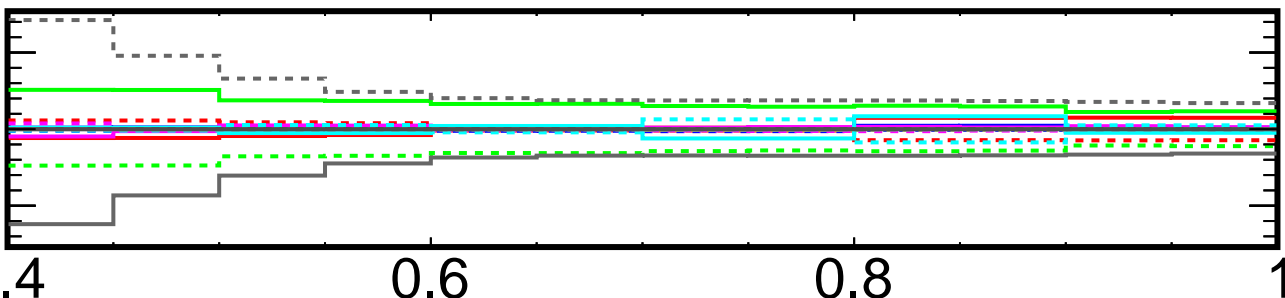
1.05

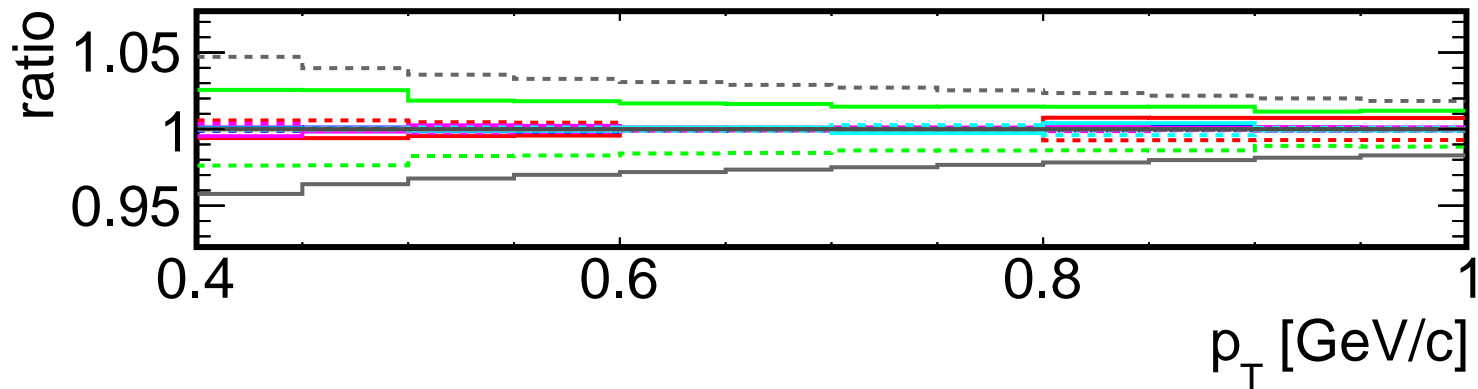
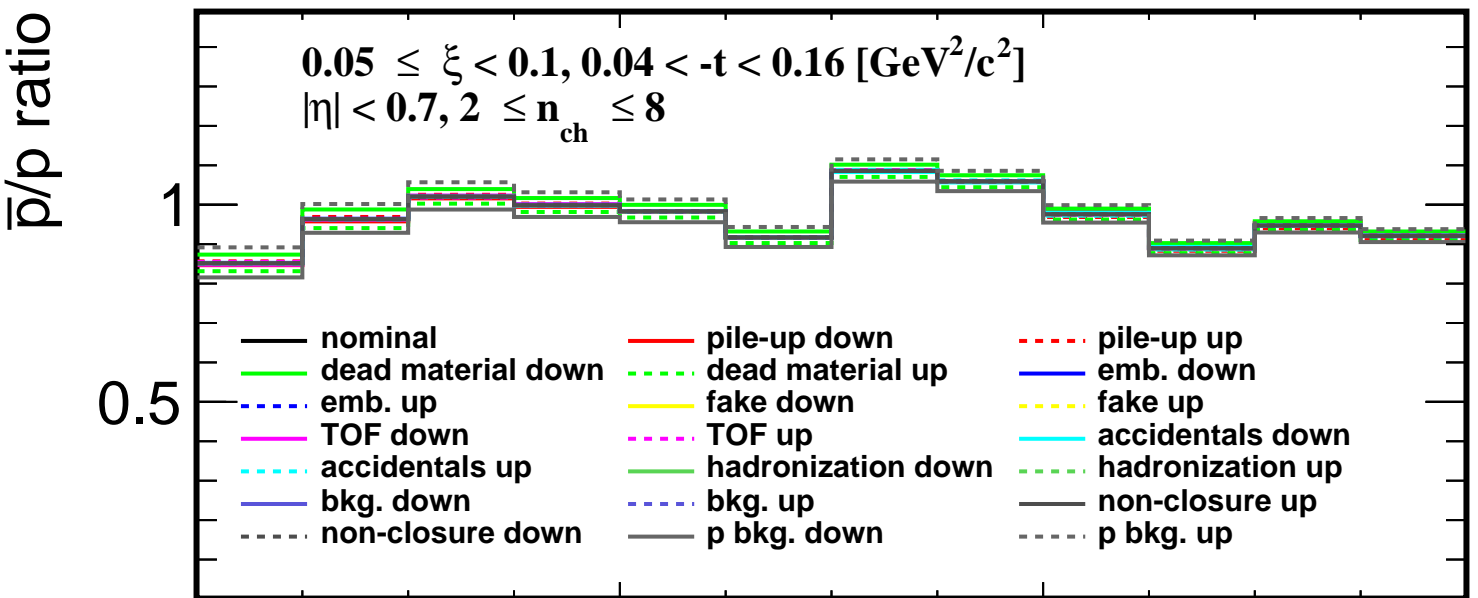
0.4

0.6

0.8

1

 $p_T \text{ [GeV/c]}$ 

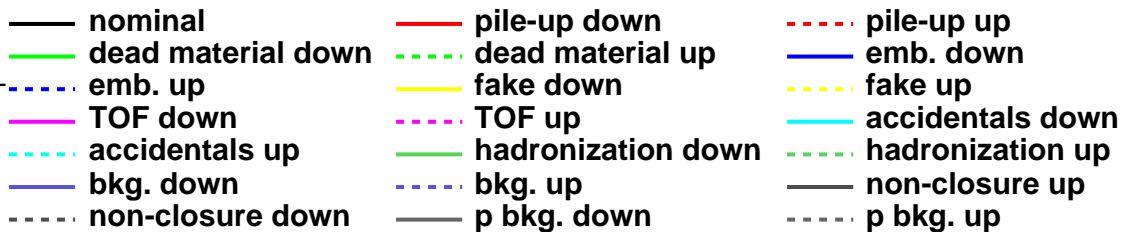


\bar{p}/p ratio

$0.1 \leq \xi < 0.2, 0.04 < -t < 0.16 \text{ [GeV}^2/\text{c}^2]$
 $|\eta| < 0.7, 2 \leq n_{\text{ch}} \leq 8$

1

0.5



ratio

1.05

0.95

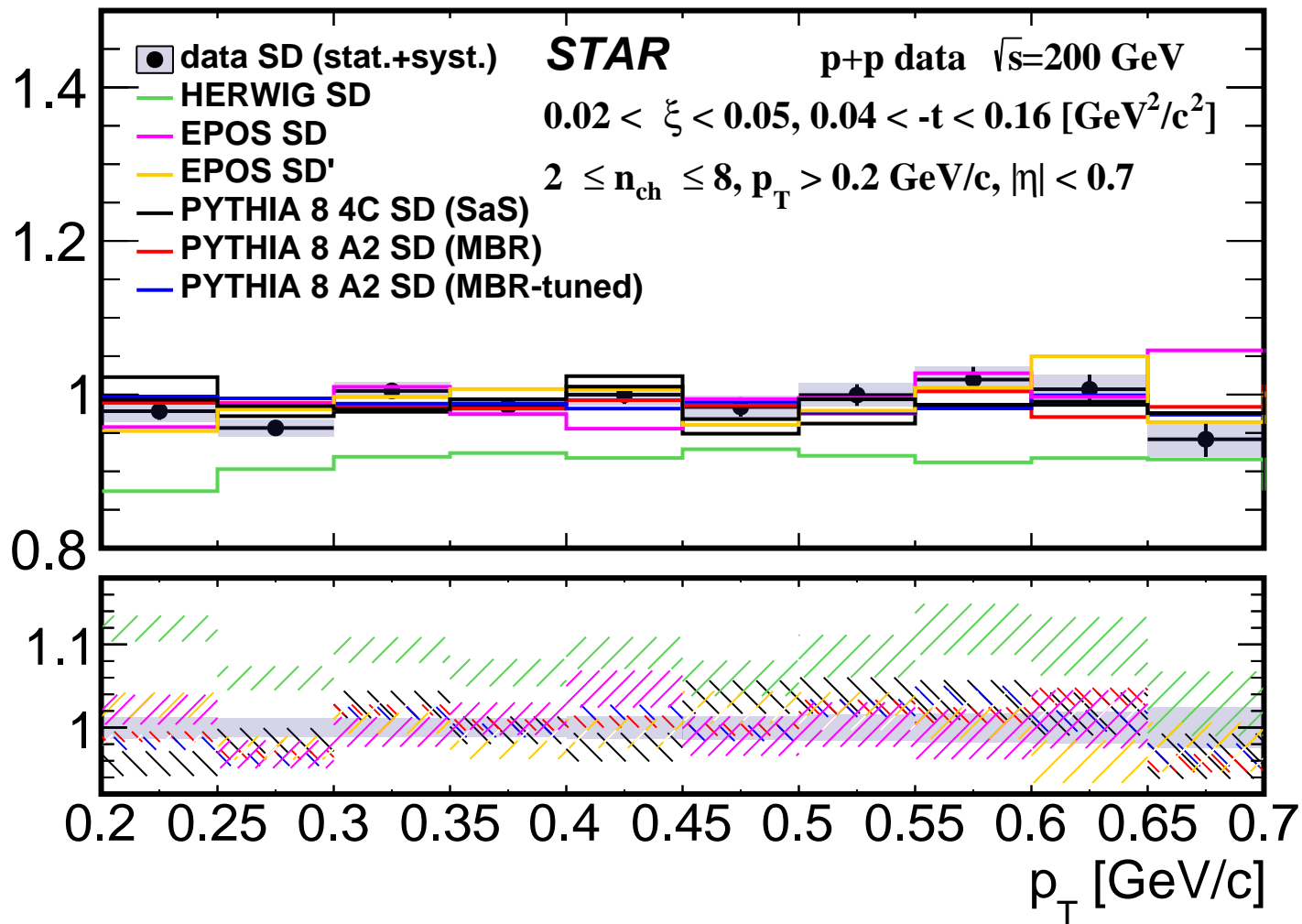
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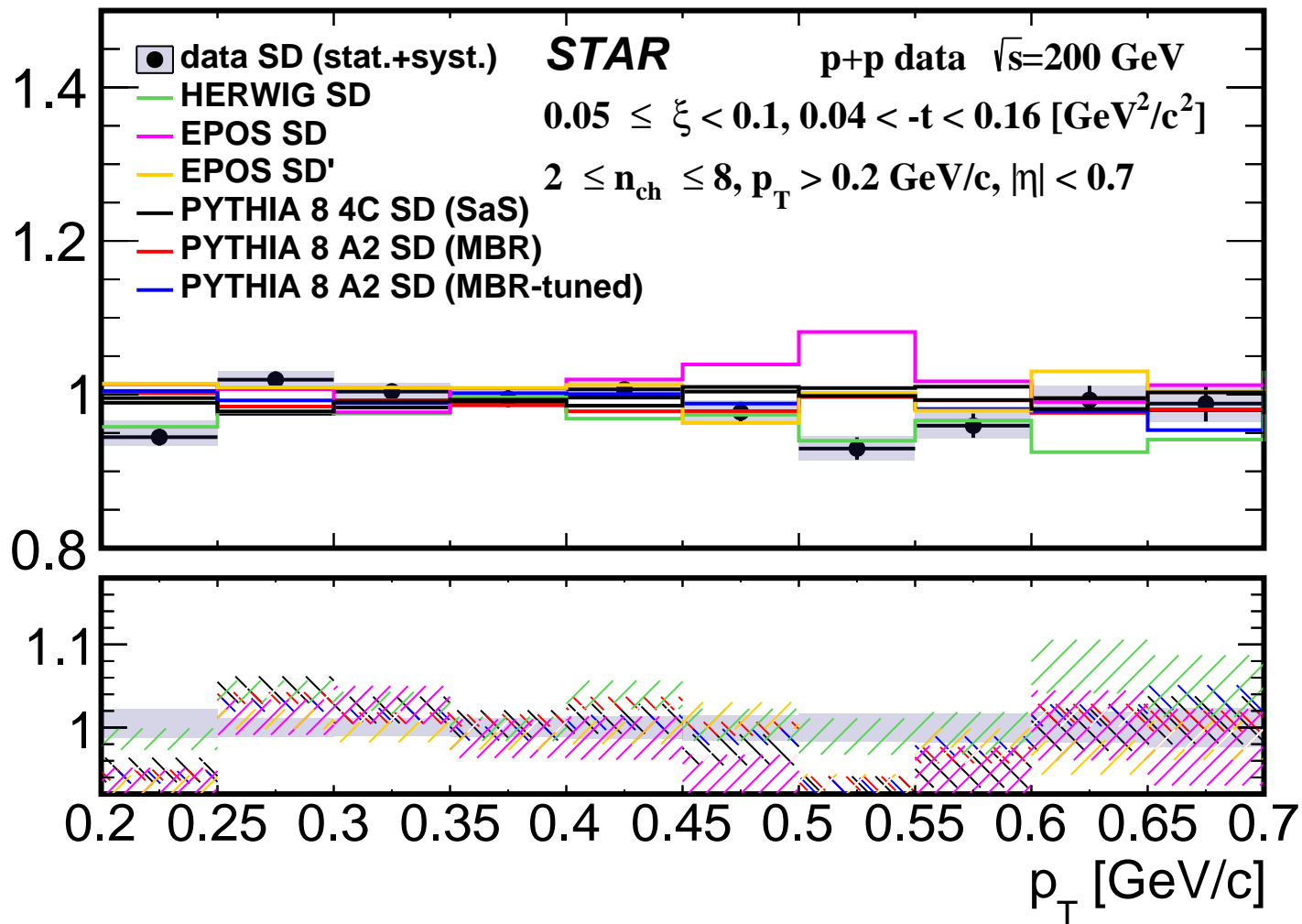
0.6

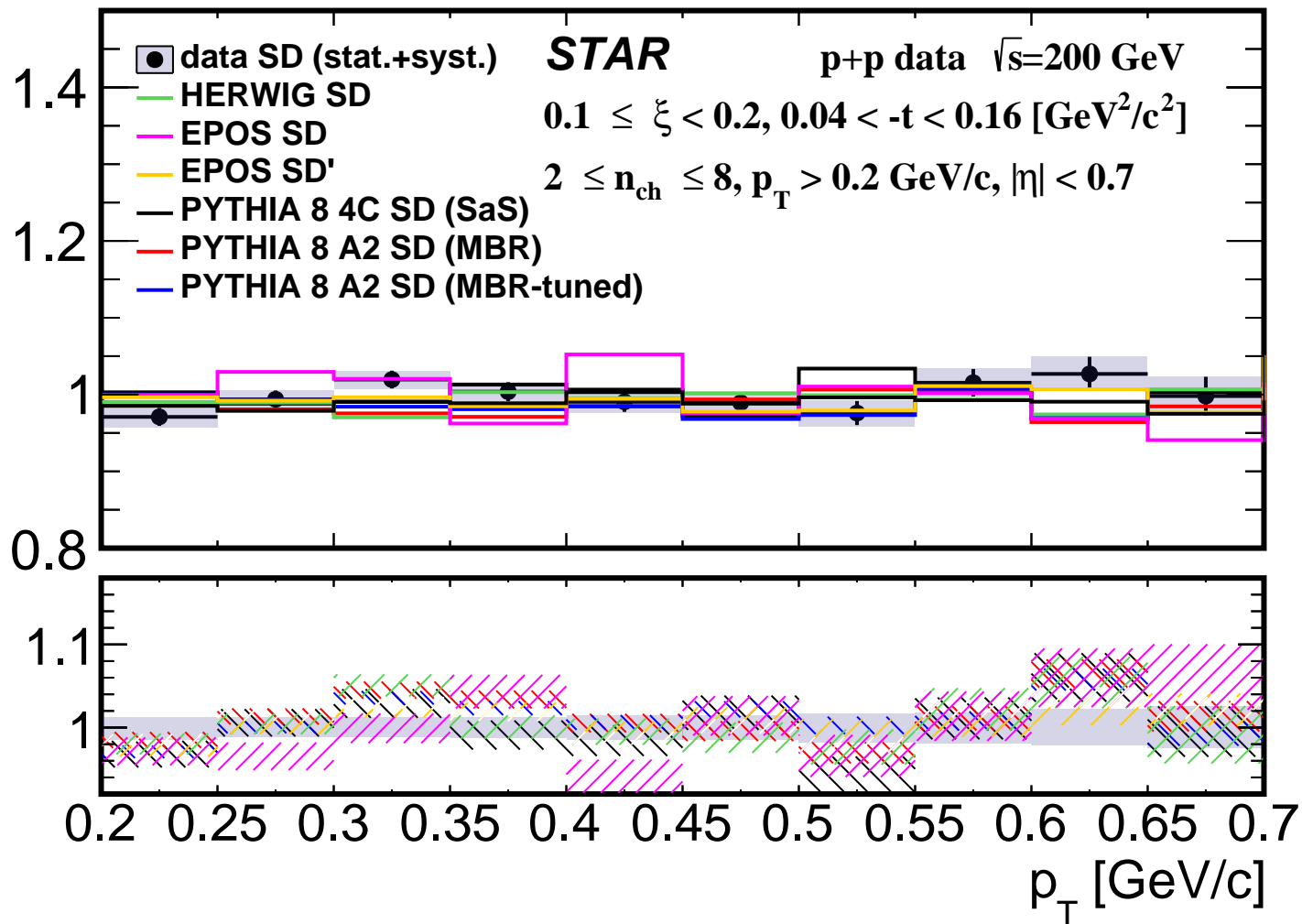
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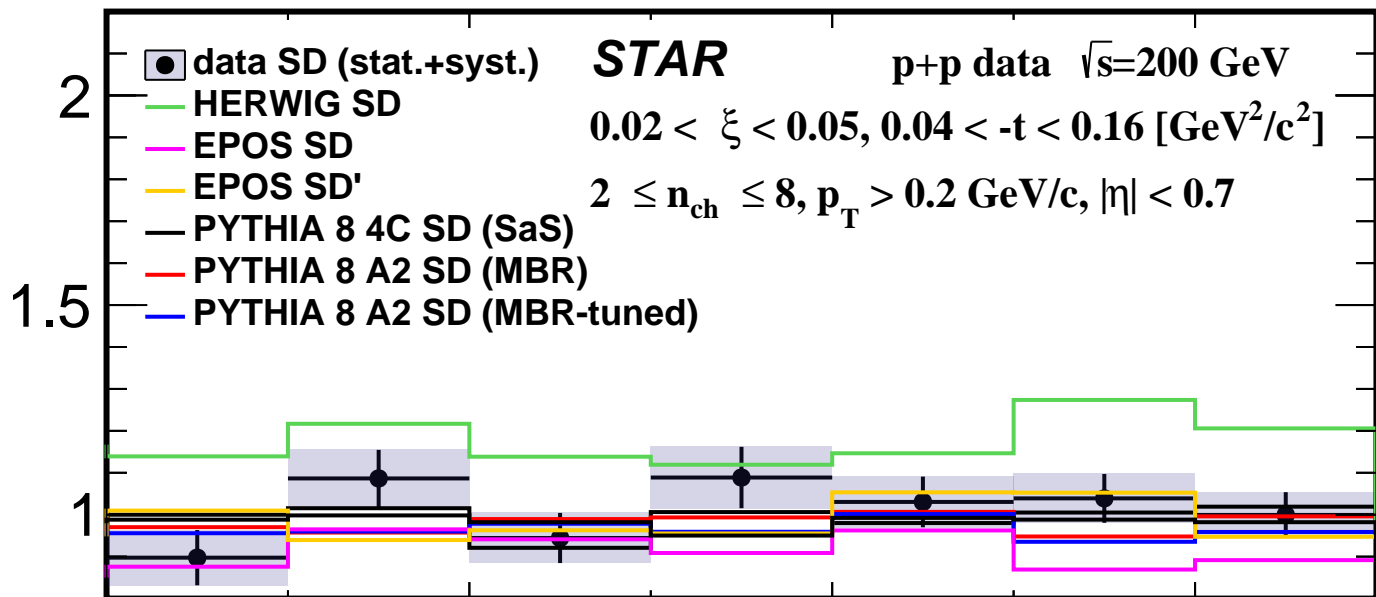
1

$p_T \text{ [GeV/c]}$

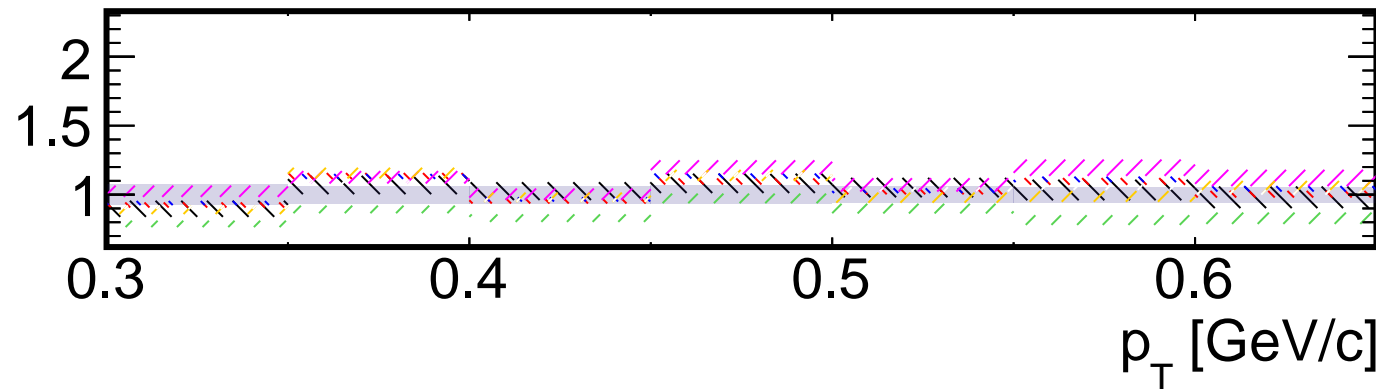
π^-/π^+ ratio

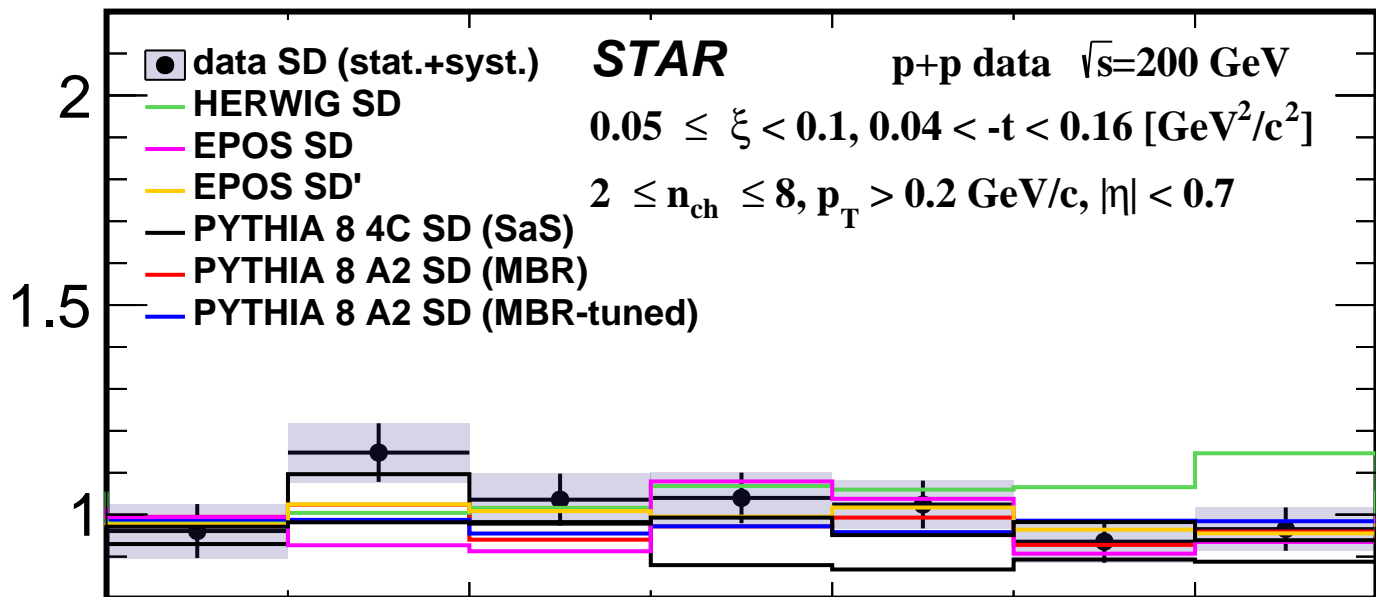
π^-/π^+ ratio

π^-/π^+ ratio

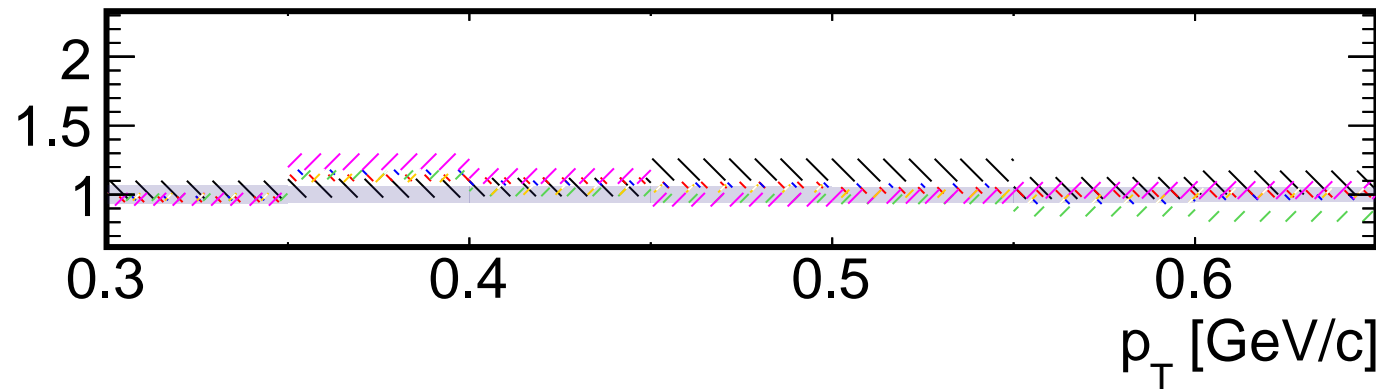
K/K^+ ratio

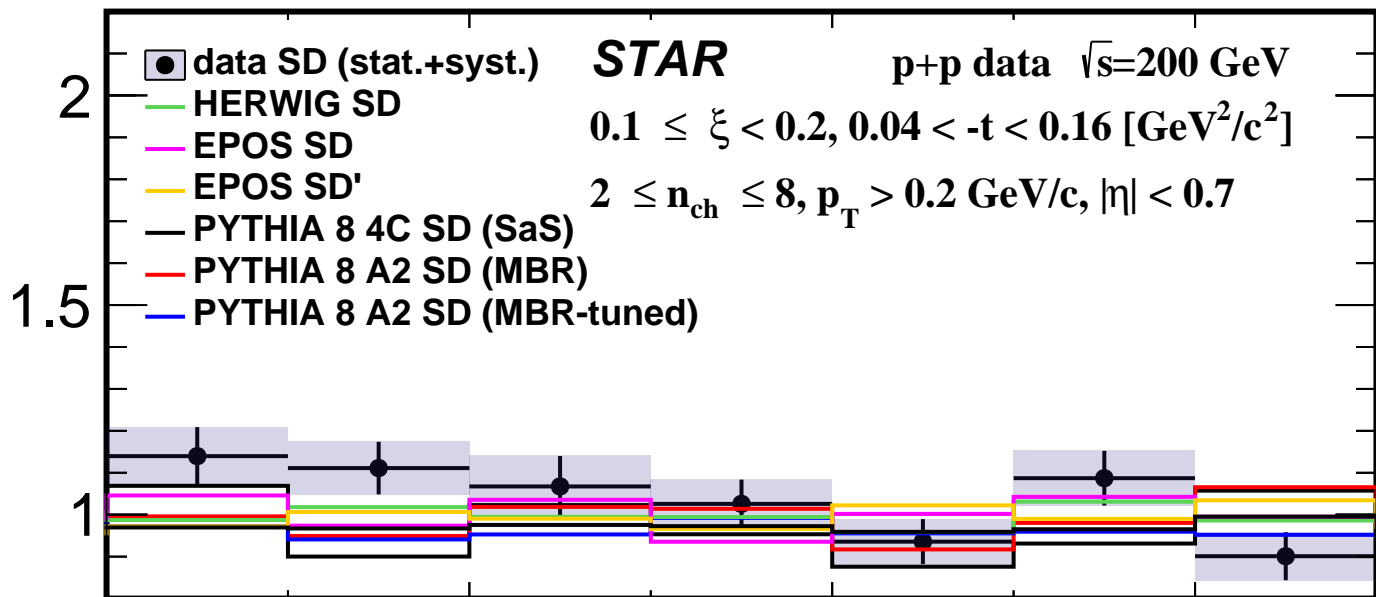
data/MC



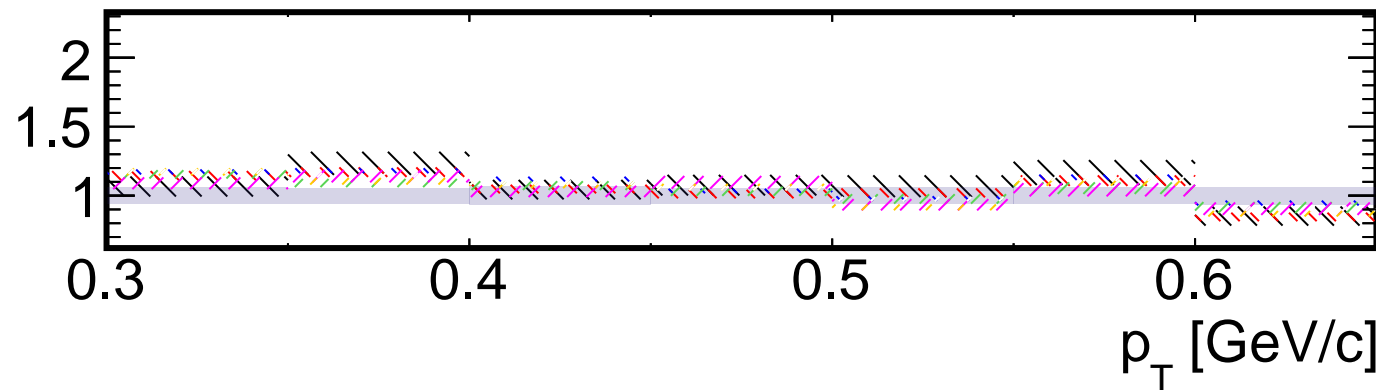
K/\bar{K}^+ ratio

data/MC



K/K^+ ratio

data/MC



\bar{p}/p ratio**STAR**p+p data $\sqrt{s}=200$ GeV $0.02 < \xi < 0.05, 0.04 < -t < 0.16$ [GeV²/c²] $2 \leq n_{\text{ch}} \leq 8, p_T > 0.2$ GeV/c, $|\eta| < 0.7$

- data SD (stat.+syst.)
- HERWIG SD
- EPOS SD
- EPOS SD'
- PYTHIA 8 4C SD (SaS)
- PYTHIA 8 A2 SD (MBR)
- PYTHIA 8 A2 SD (MBR-tuned)

2

1

0

data/MC

1.5

0.4

0.5

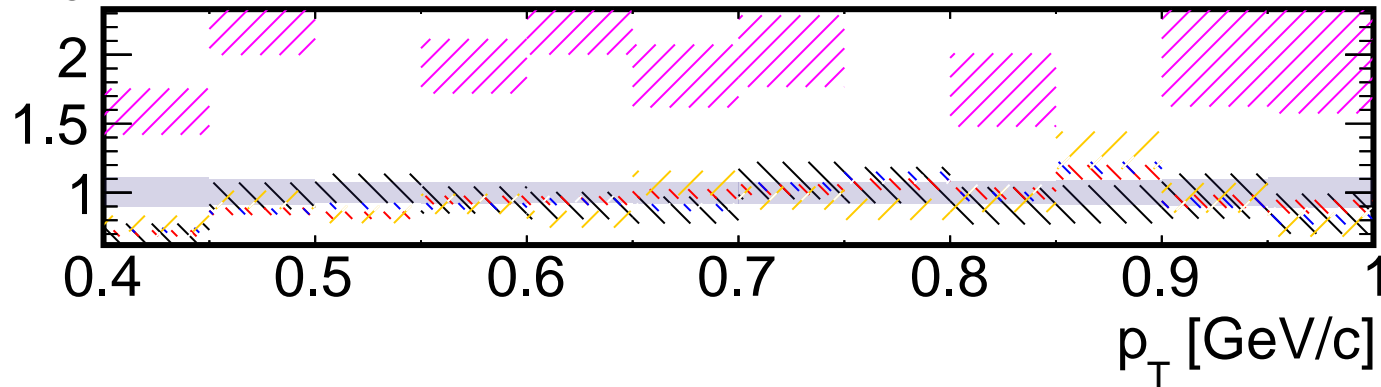
0.6

0.7

0.8

0.9

1

 p_T [GeV/c]

\bar{p}/p ratio**STAR**p+p data $\sqrt{s}=200$ GeV $0.05 \leq \xi < 0.1, 0.04 < -t < 0.16$ [GeV²/c²] $2 \leq n_{\text{ch}} \leq 8, p_{\text{T}} > 0.2$ GeV/c, $|\eta| < 0.7$

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- HERWIG SD
- EPOS SD
- EPOS SD'
- PYTHIA 8 4C SD (SaS)
- PYTHIA 8 A2 SD (MBR)
- PYTHIA 8 A2 SD (MBR-tuned)

2

1

0

data/MC

1.5

0.4

0.5

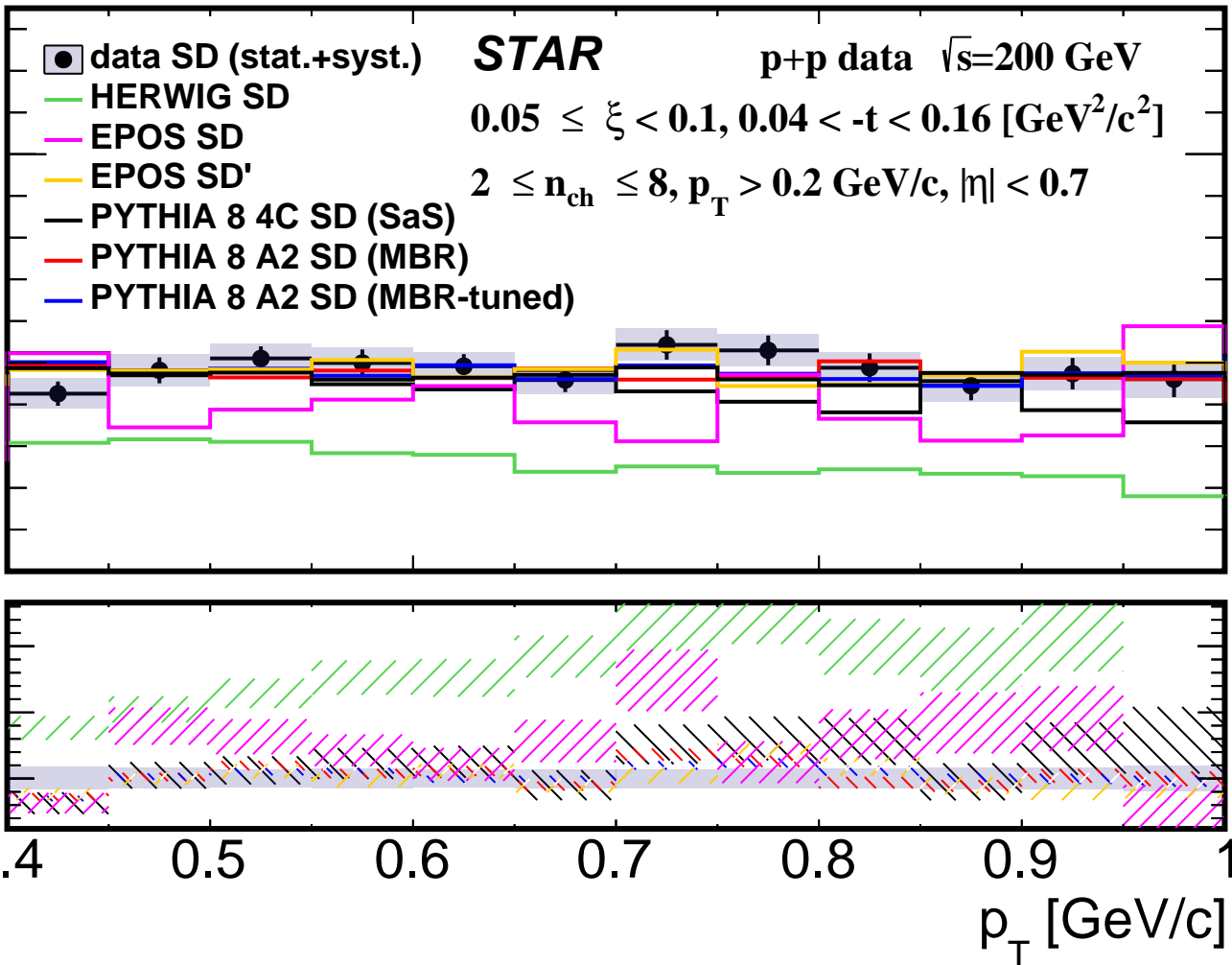
0.6

0.7

0.8

0.9

1

 p_{T} [GeV/c]

\bar{p}/p ratio**STAR**p+p data $\sqrt{s}=200$ GeV $0.1 \leq \xi < 0.2, 0.04 < -t < 0.16$ [GeV²/c²] $2 \leq n_{\text{ch}} \leq 8, p_{\text{T}} > 0.2$ GeV/c, $|\eta| < 0.7$

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2

1

0

data/MC

1.5

0.4

0.5

0.6

0.7

0.8

0.9

1

 p_{T} [GeV/c]