

\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

1.04

1.02

1

0.98

0.96

0.4

0.6

0.8

1

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

\bar{p}/p ratio

$0.05 \leq \xi < 0.1, 0.04 < -t < 0.16 \text{ [GeV}^2/\text{c}^2]$
 $|\eta| < 0.7, 2 \leq n_{\text{ch}} \leq 8$

0.5

1

- | | | |
|--------------------|--------------------|------------------|
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ratio

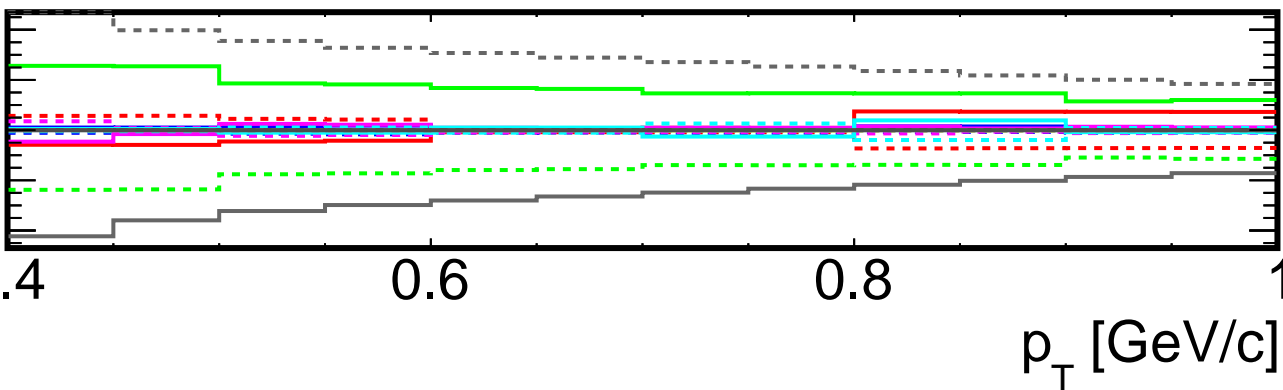
0.96
0.98
1
1.02
1.04

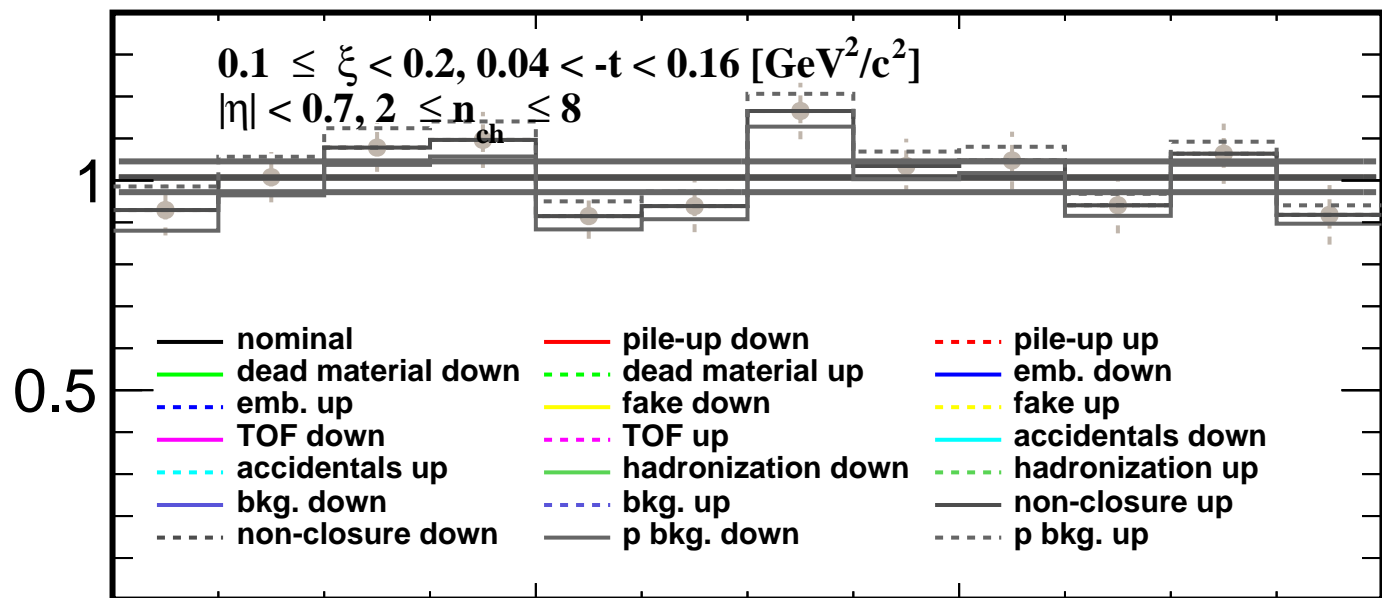
0.4

0.6

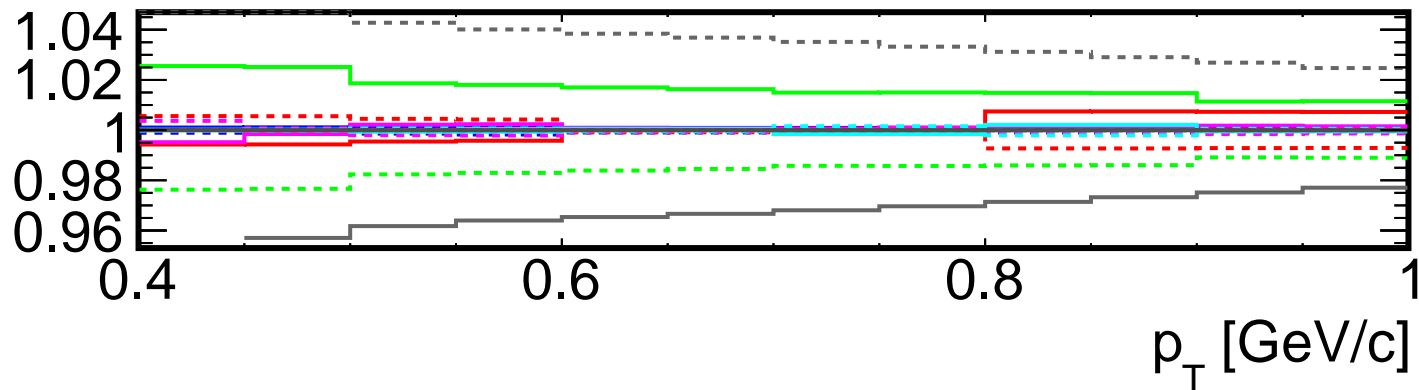
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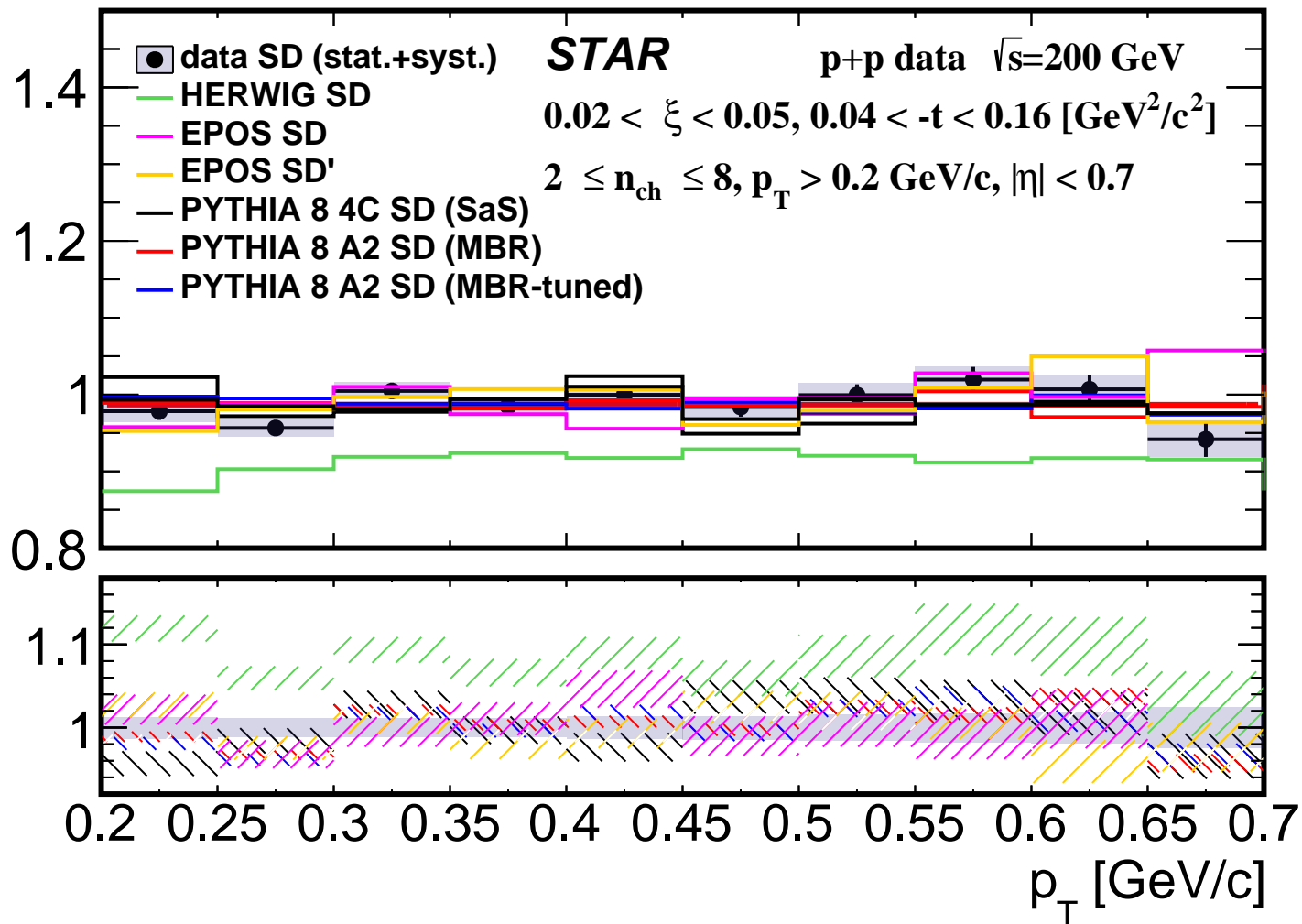
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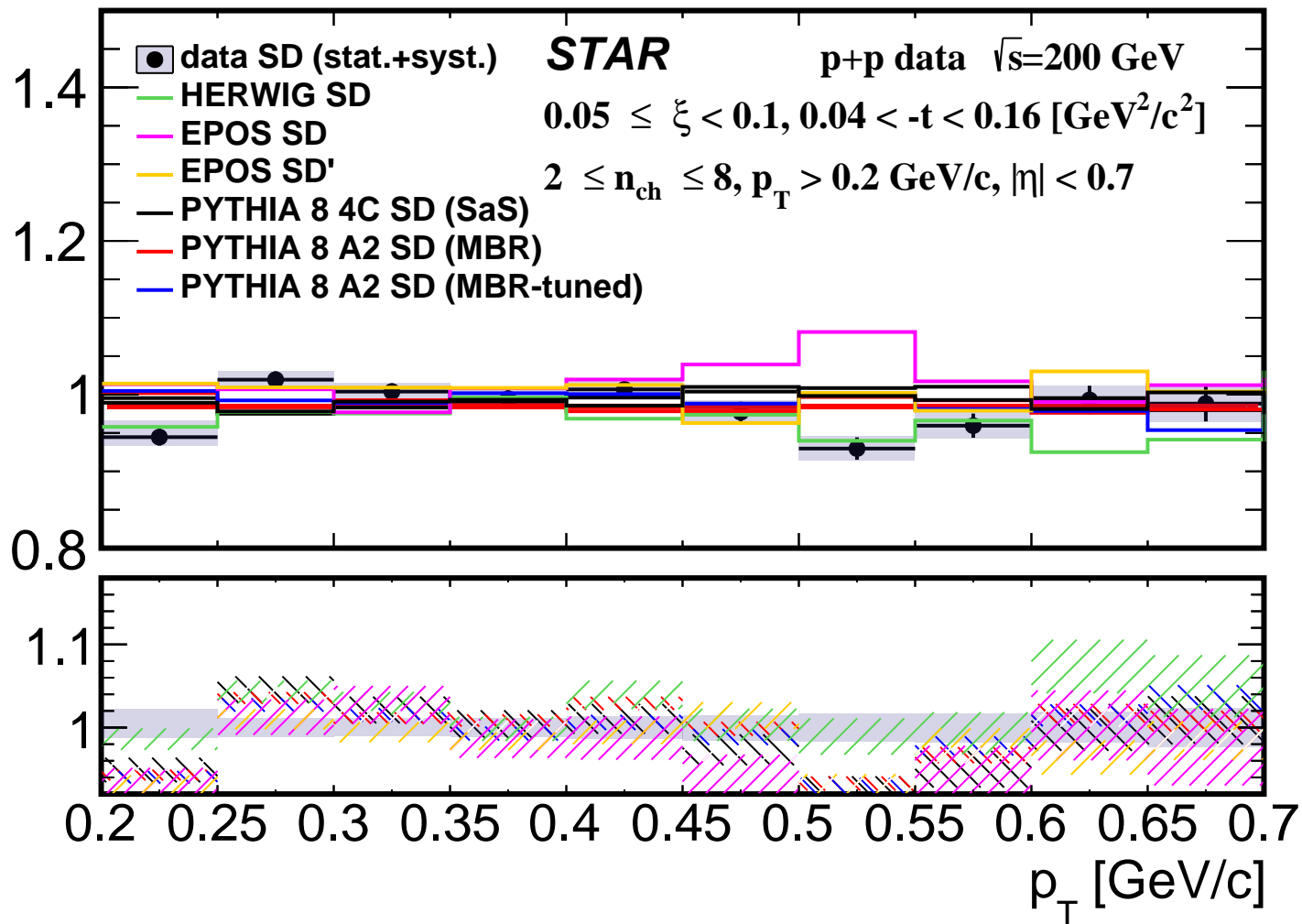
 $p_T \text{ [GeV/c]}$ 

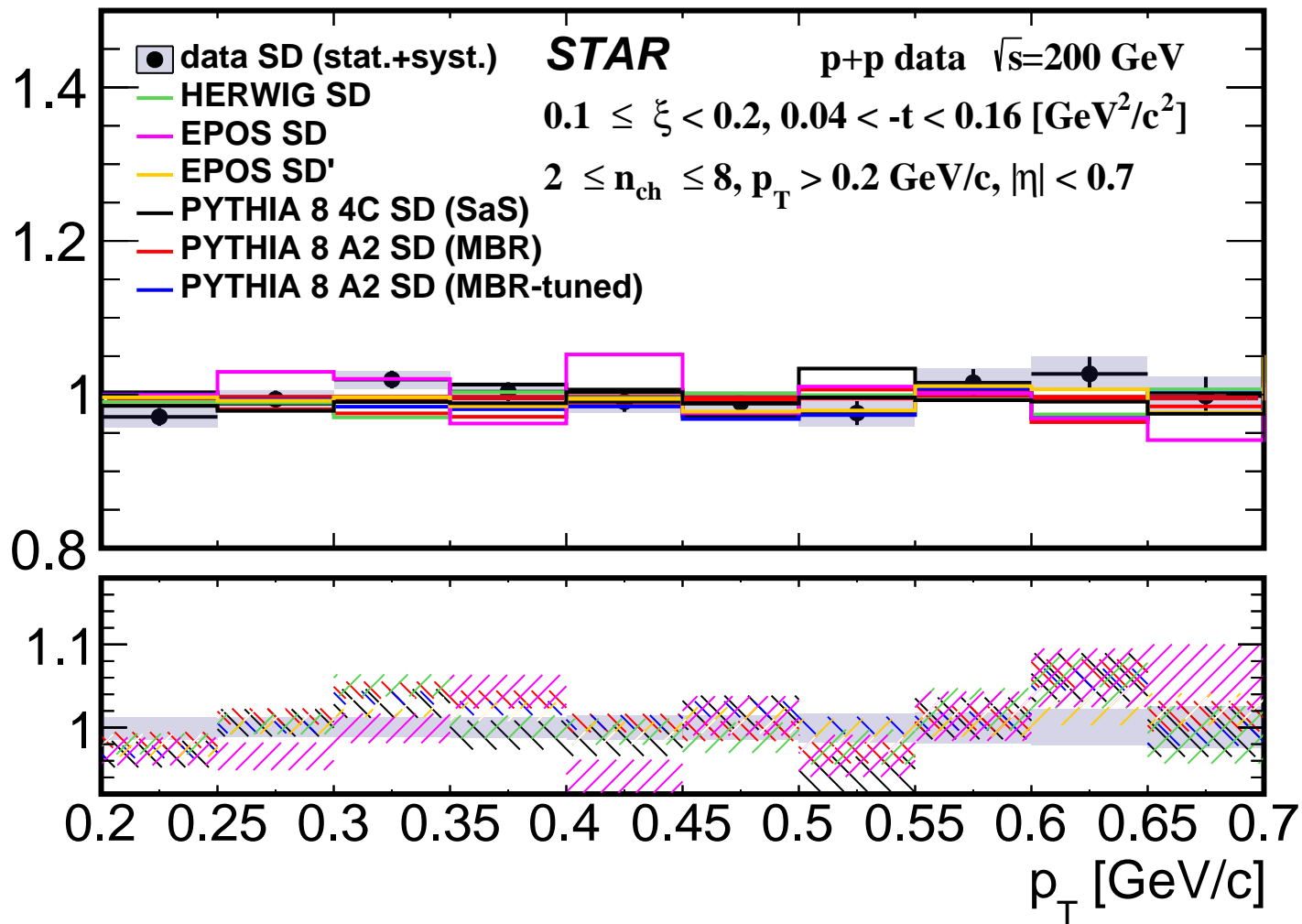
\bar{p}/p ratio

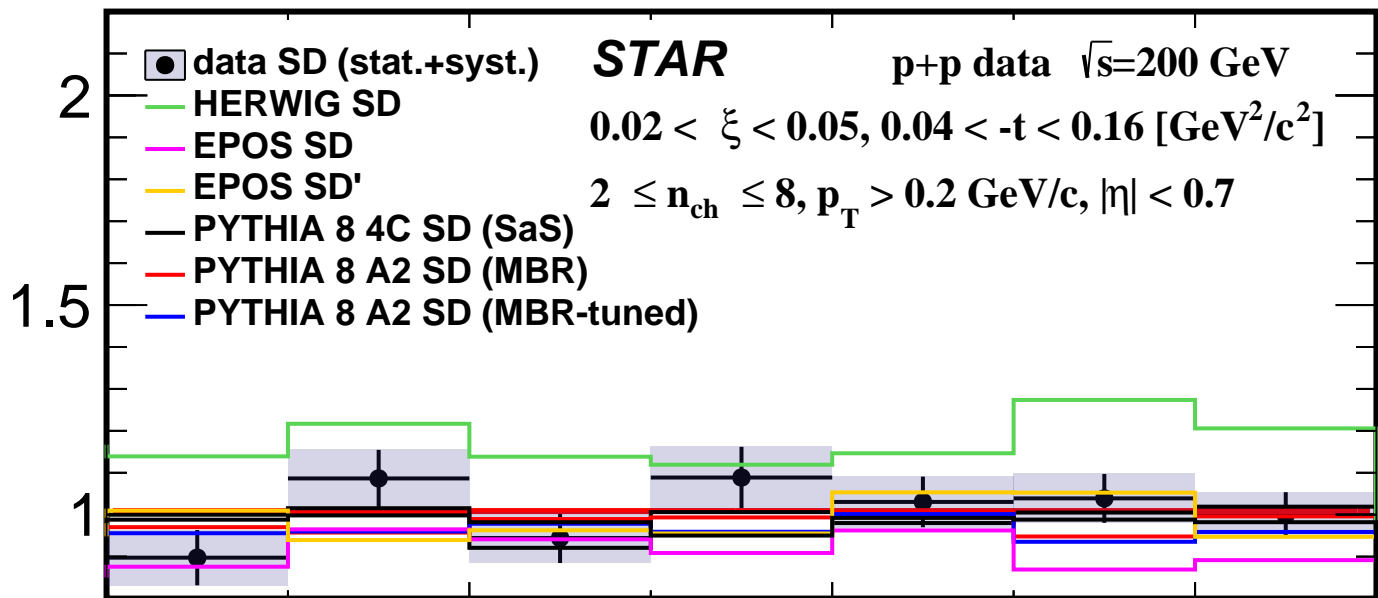
ratio



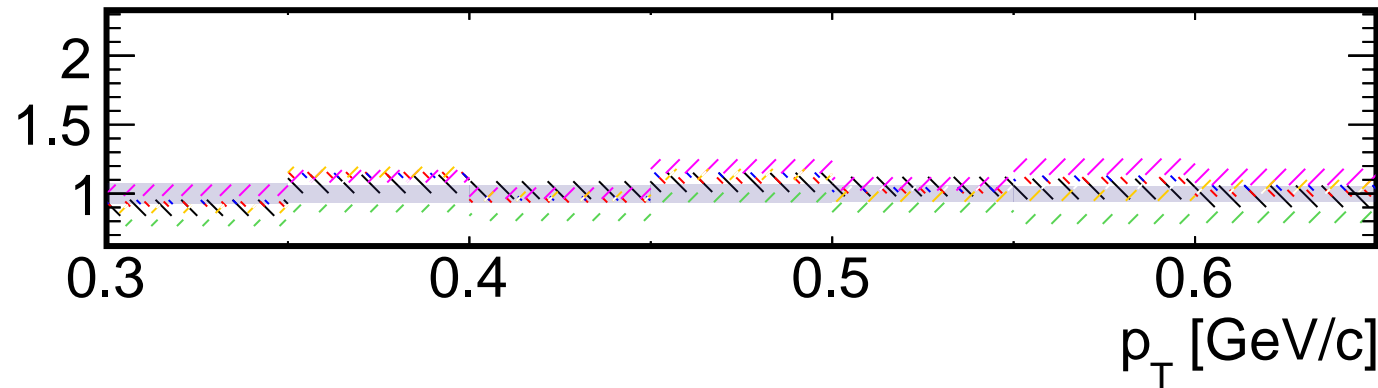
π^-/π^+ ratio

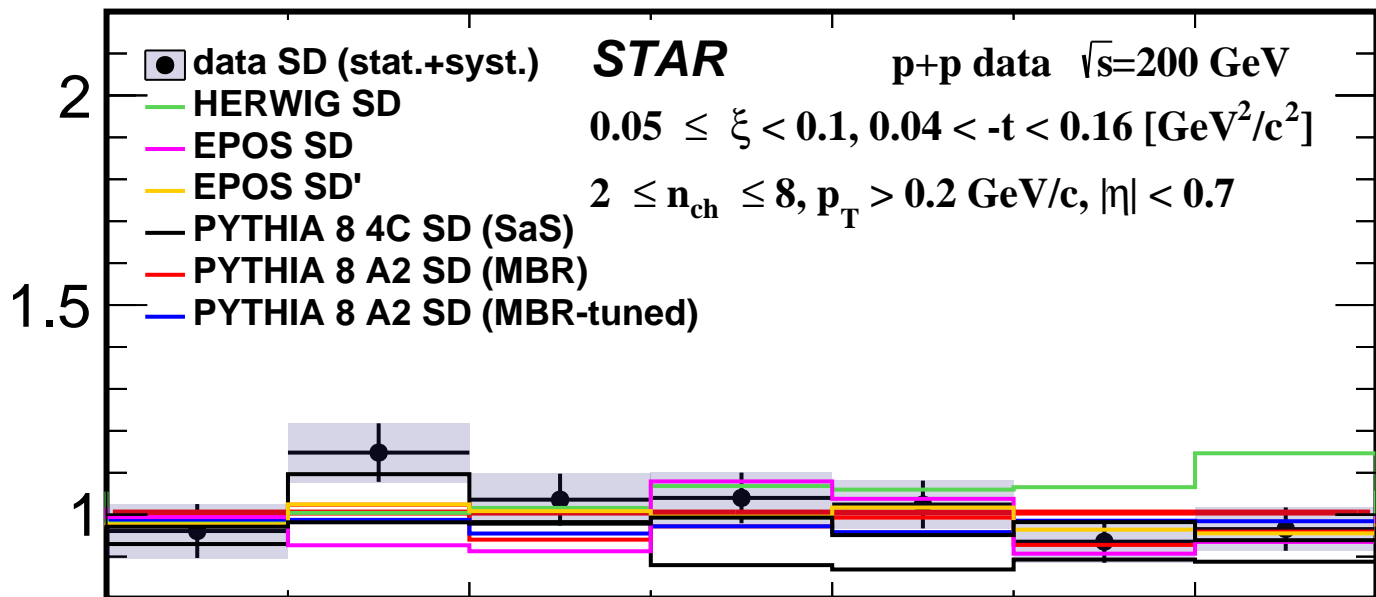
π^-/π^+ ratio

π^-/π^+ ratio

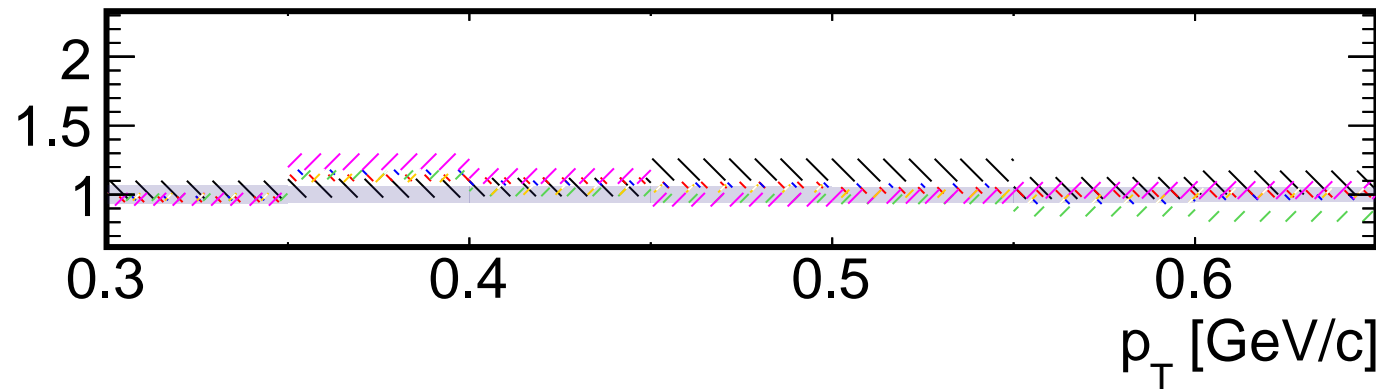
K/K^+ ratio

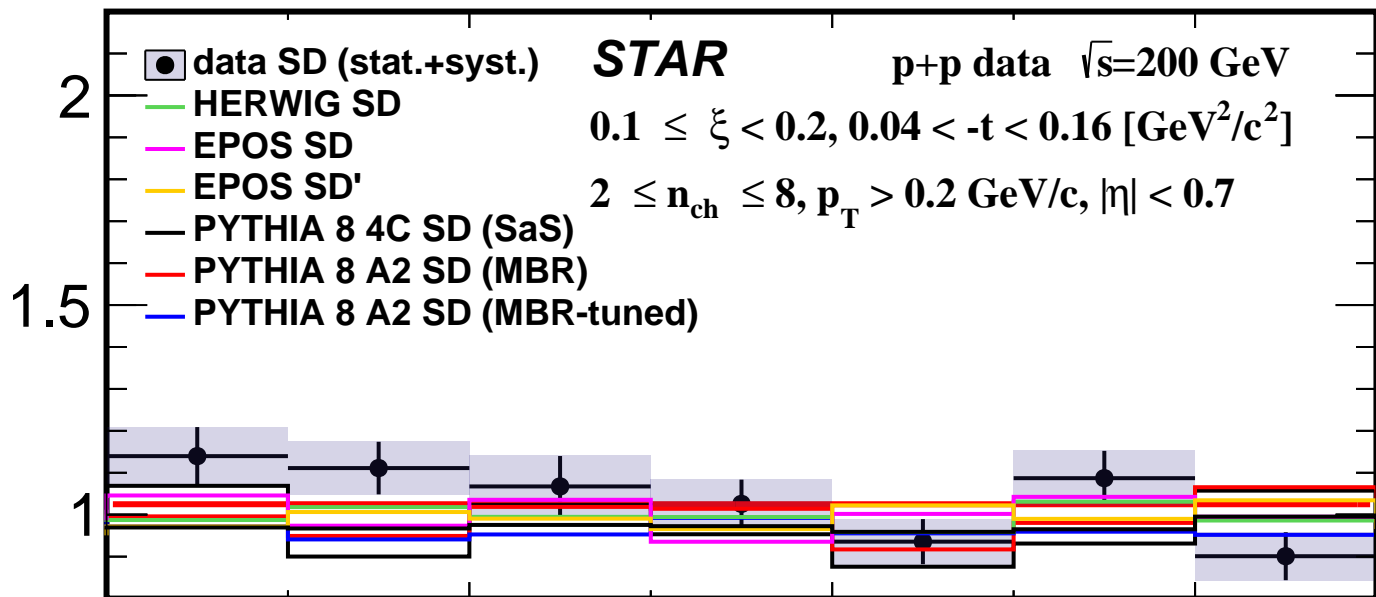
data/MC



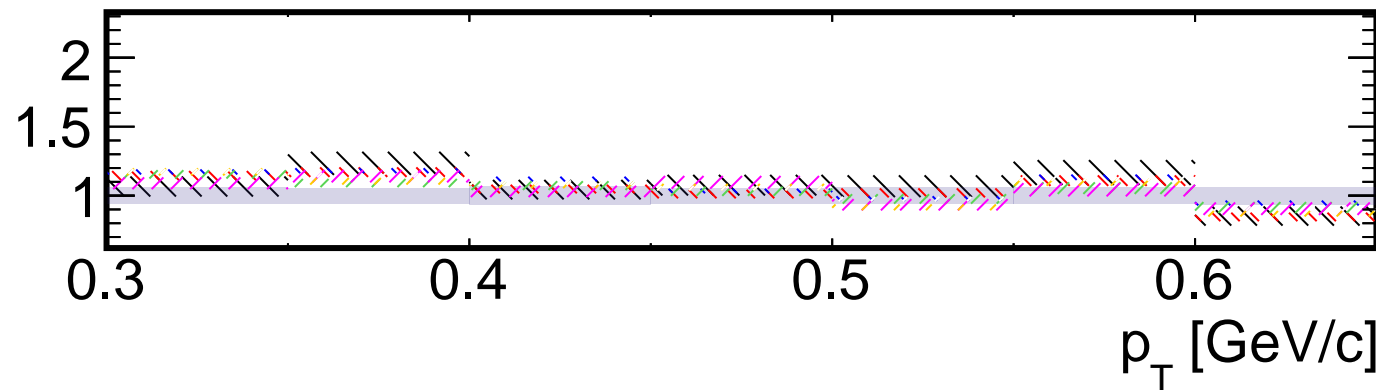
K/K^+ ratio

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] $2 \leq n_{\text{ch}} \leq 8, p_{\text{T}} > 0.2$ 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

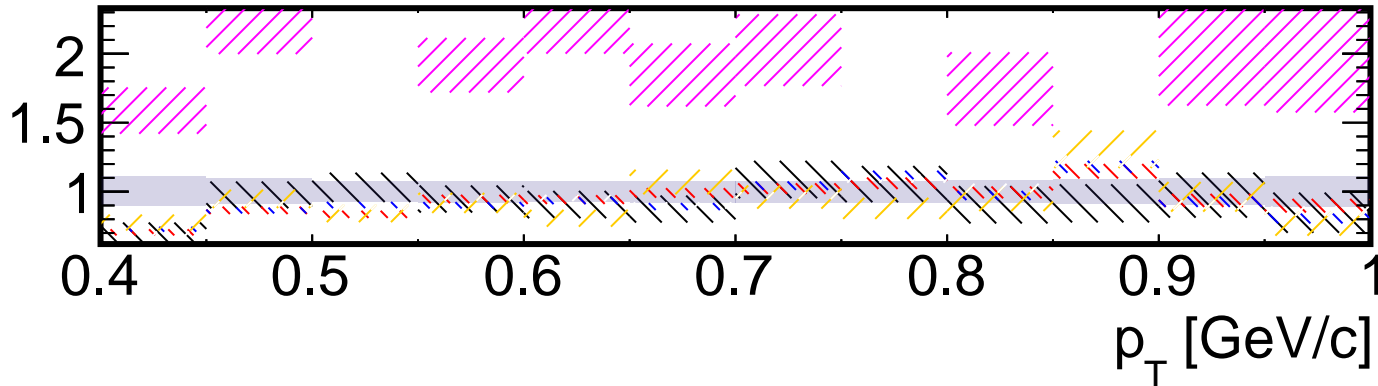
0.6

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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- PYTHIA 8 A2 SD (MBR-tuned)

2

1

0

data/MC

1.5

0.4

0.5

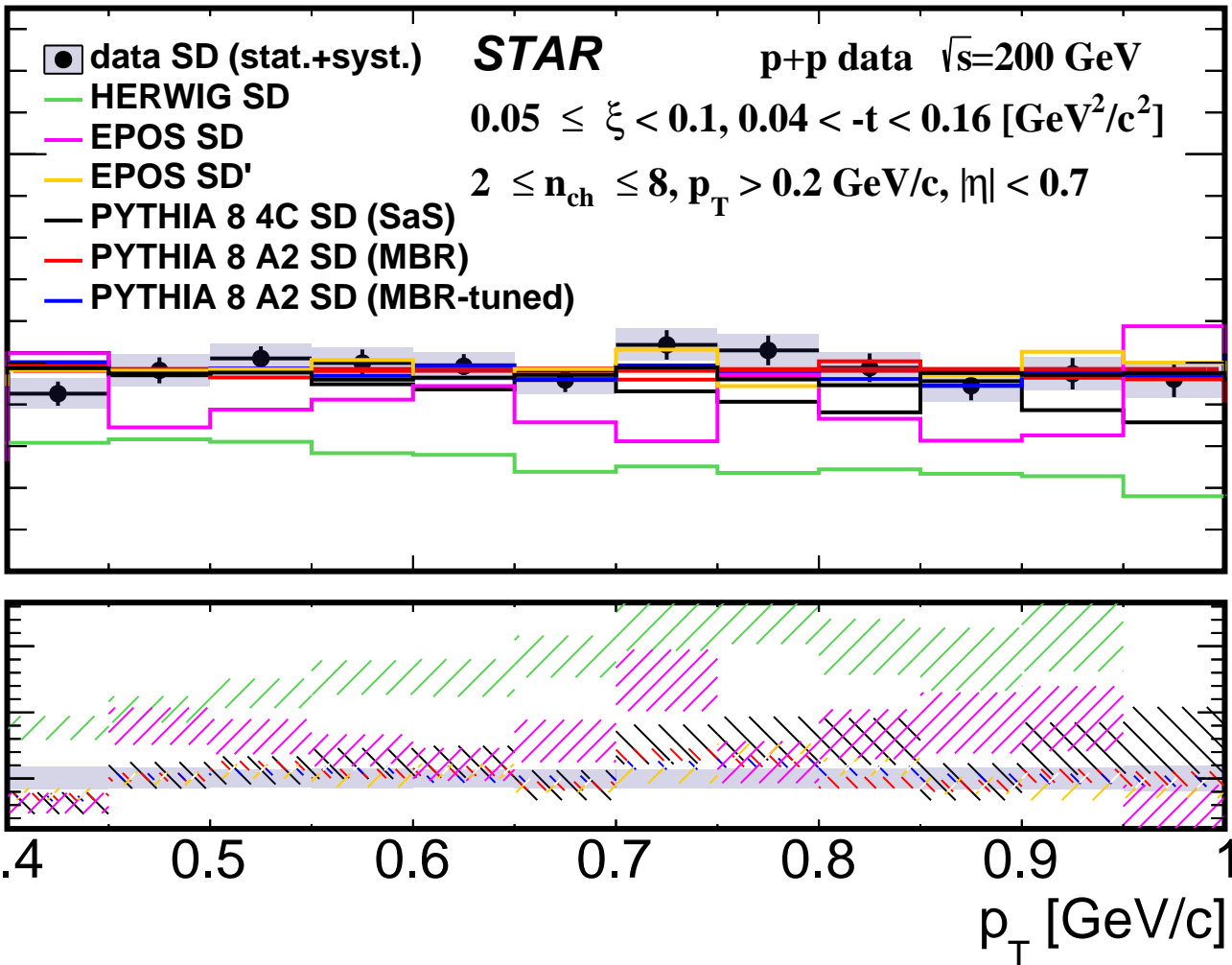
0.6

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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- HERWIG SD
- EPOS SD
- EPOS SD'
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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]