

\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	— TOF down	- - - TOF up
— bkg. down	- - - bkg. up	— nHits loose
- - - nHits tight	— d_0 loose	- - - d_0 tight
— east-west up	- - - east-west down	— non-closure up
- - - non-closure down	— p bkg. down	- - - p bkg. up

ratio

0.9

1.1

0.4

0.6

0.8

1

 p_T [GeV/c]

\bar{p}/p ratio

$0.05 \leq \xi < 0.1, 0.04 < -t < 0.16 \text{ [GeV}^2/\text{c}^2]$
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1

0.5

- | | | |
|----------------------|----------------------|------------------|
| — nominal | — pile-up down | --- pile-up up |
| — dead material down | --- dead material up | — emb. down |
| --- emb. up | — TOF down | --- TOF up |
| — bkg. down | --- bkg. up | — nHits loose |
| --- nHits tight | — d_0 loose | --- d_0 tight |
| — east-west up | --- east-west down | — non-closure up |
| --- non-closure down | — p bkg. down | --- p bkg. up |

ratio

1.1

0.9

0.4

0.6

0.8

1

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

\bar{p}/p ratio

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

0.5

1

- | | | |
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| — nominal | — pile-up down | - - - pile-up up |
| — dead material down | - - - dead material up | — emb. down |
| - - - emb. up | — TOF down | - - - TOF up |
| — bkg. down | - - - bkg. up | — nHits loose |
| - - - nHits tight | — d ₀ loose | - - - d ₀ tight |
| — east-west up | - - - east-west down | — non-closure up |
| - - - non-closure down | — p bkg. down | - - - p bkg. up |

ratio

0.9

1.1

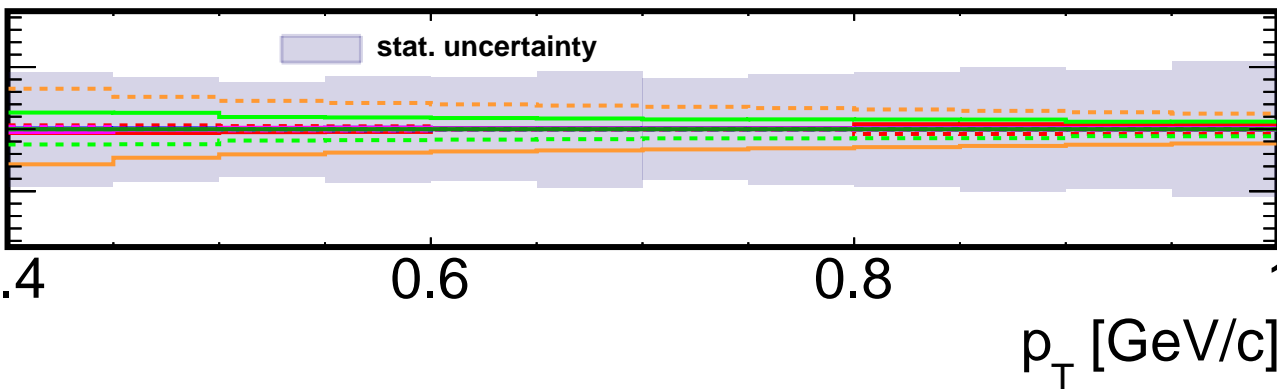
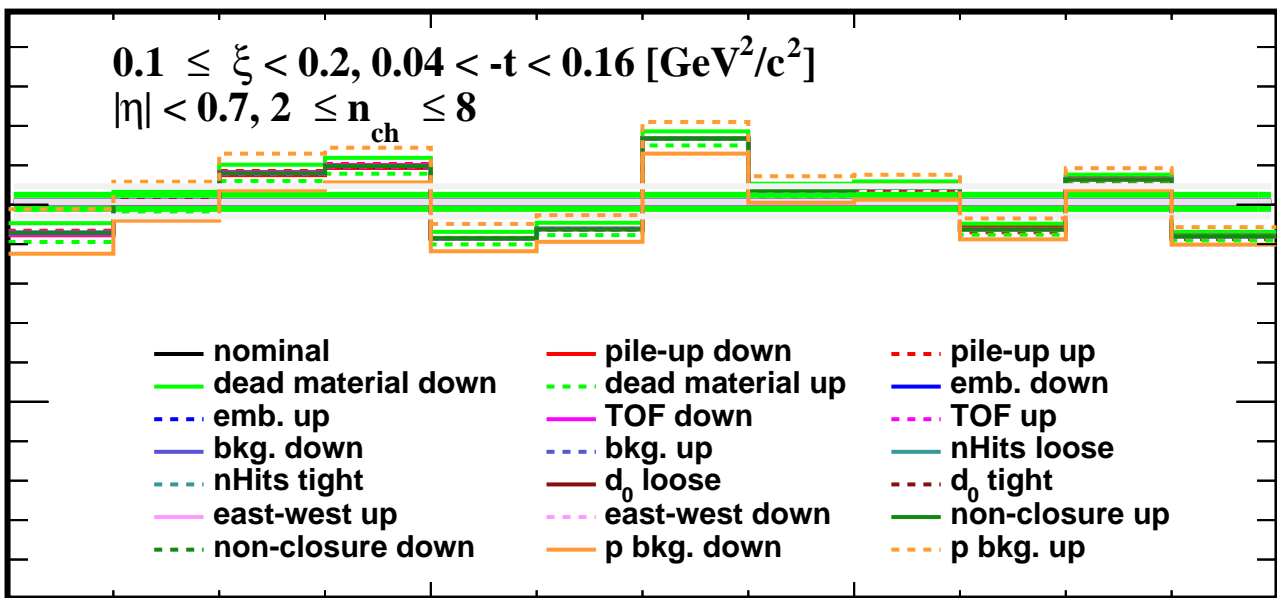
stat. uncertainty

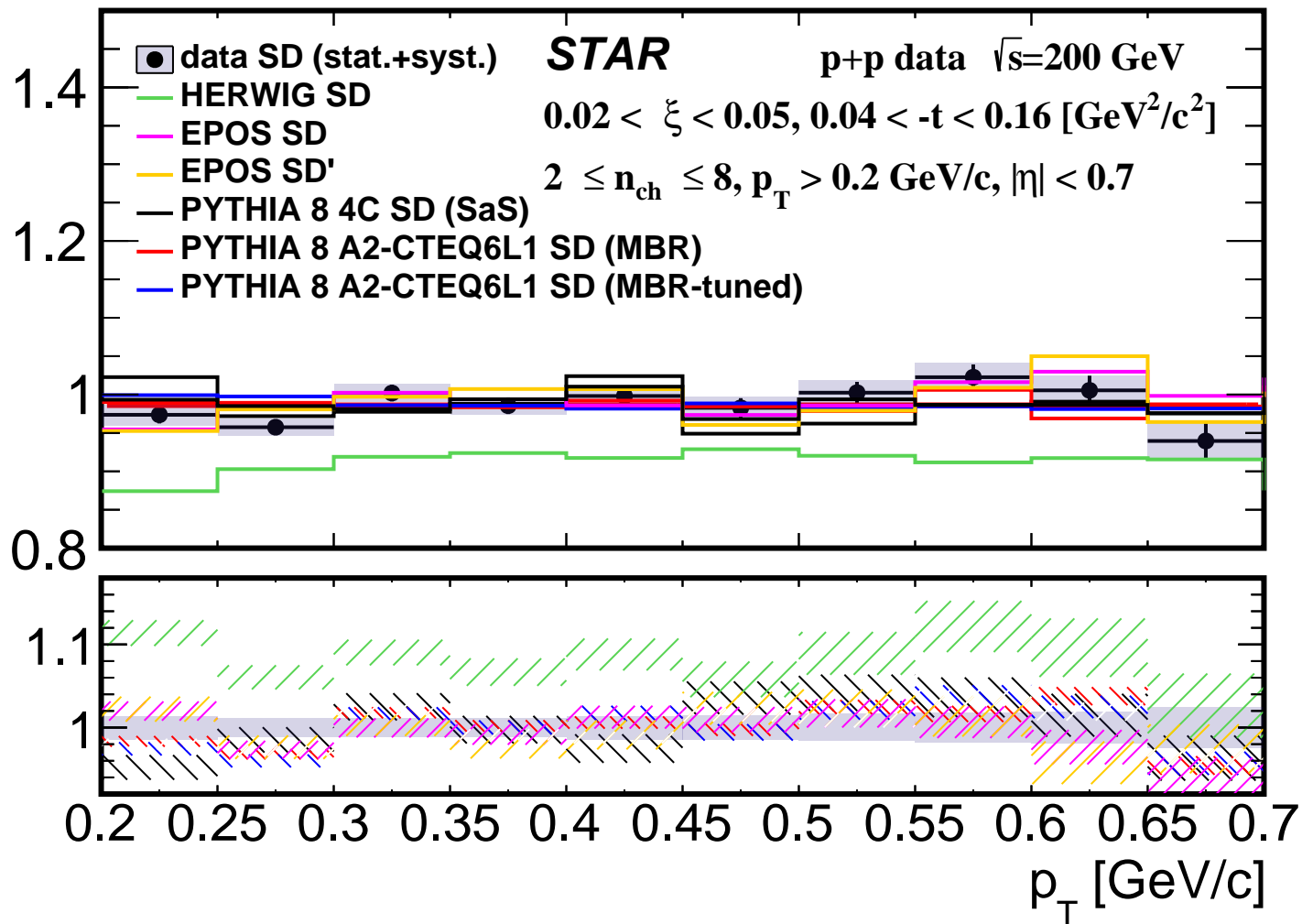
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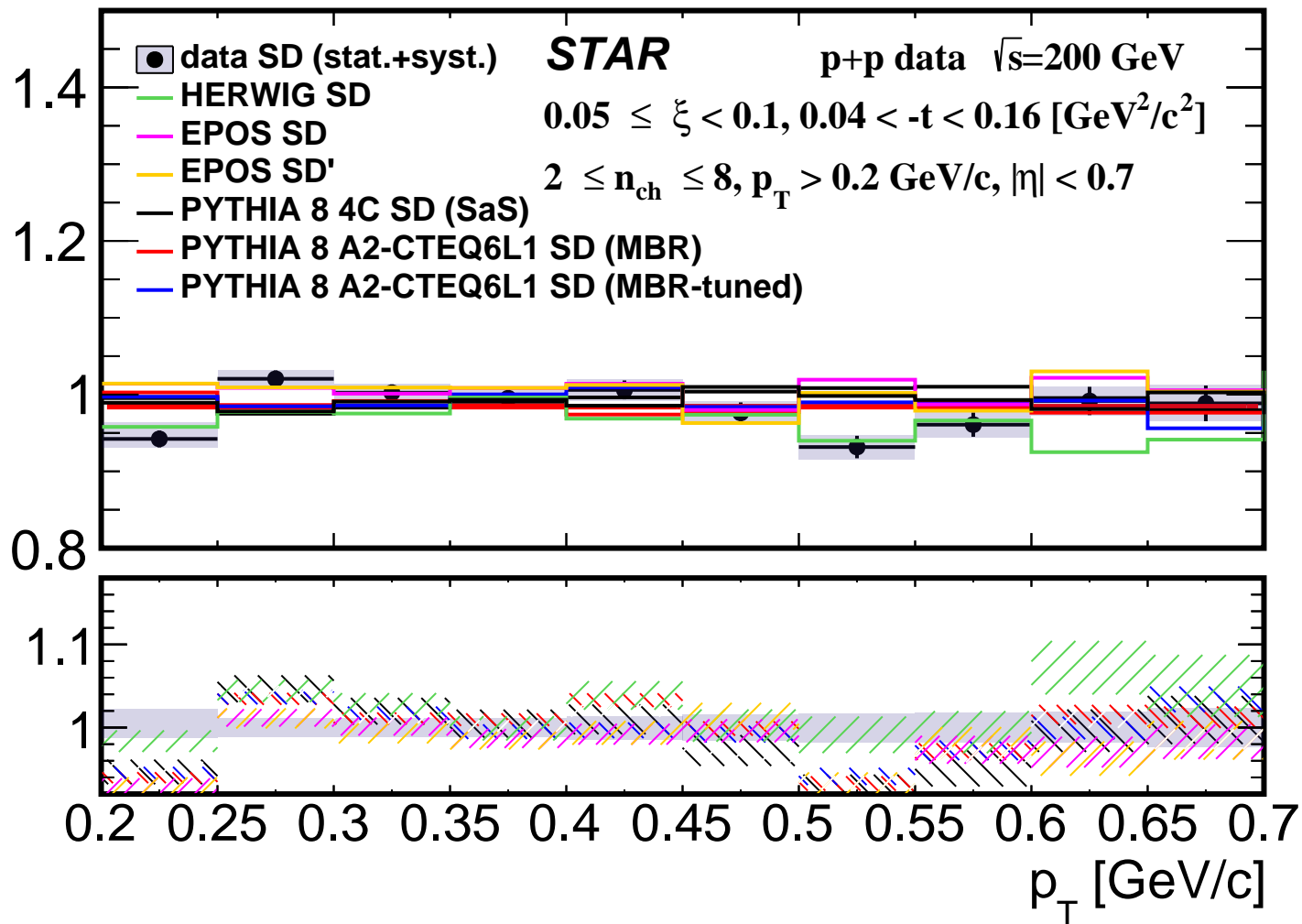
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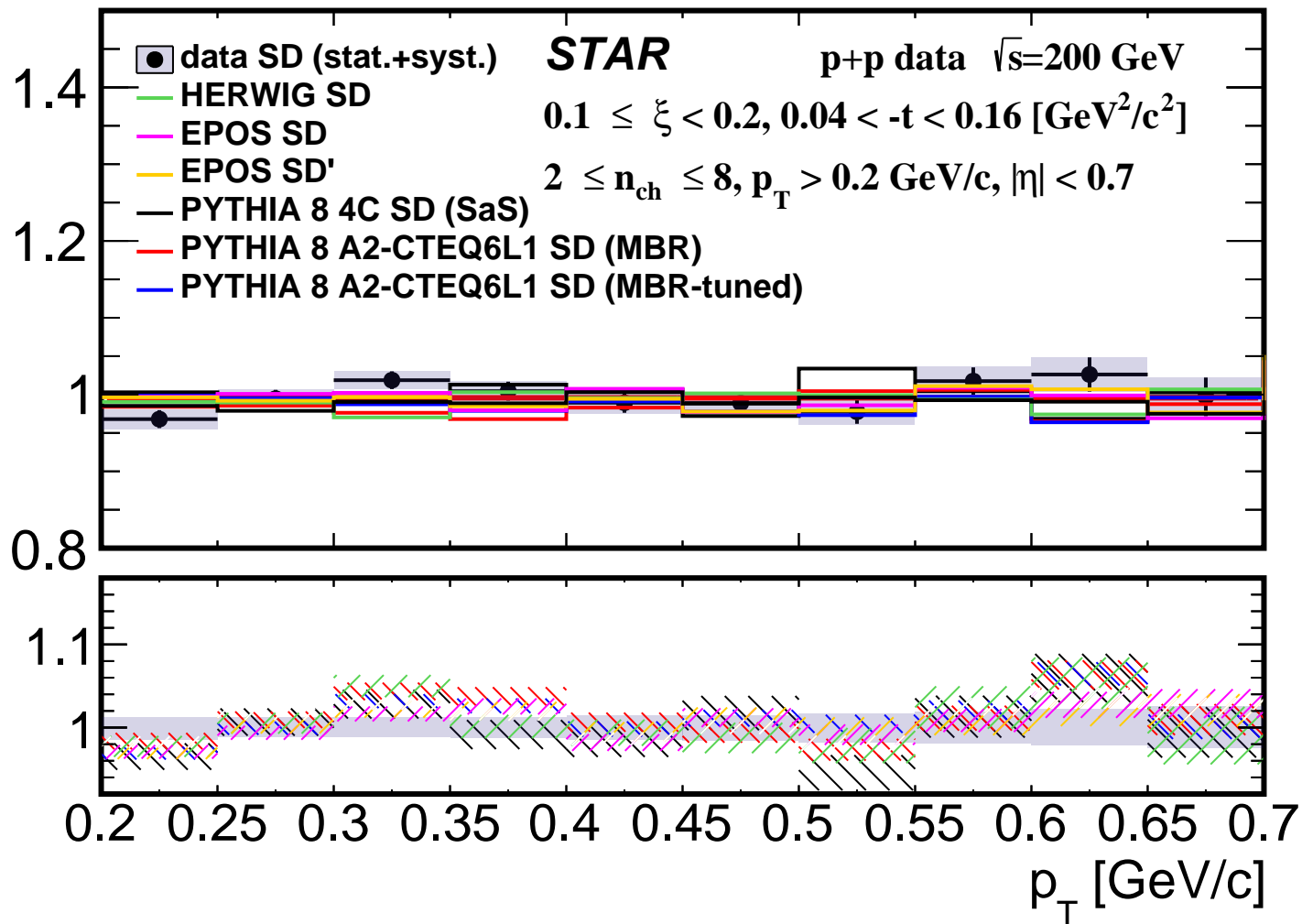
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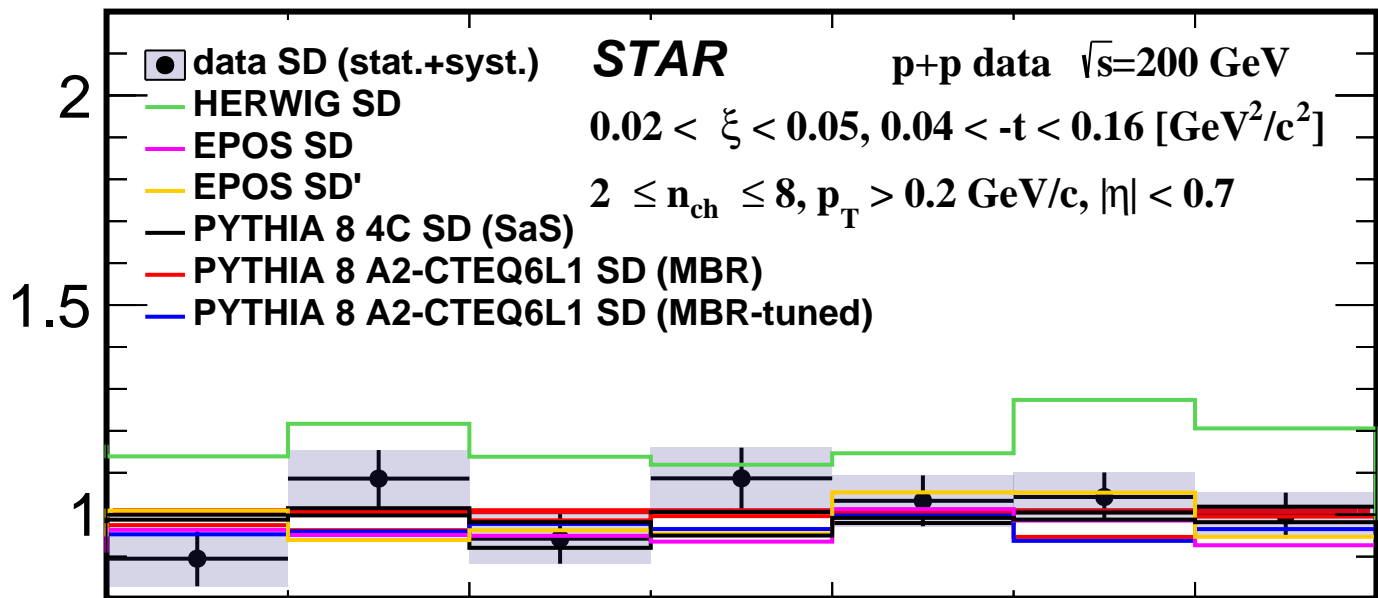
1

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

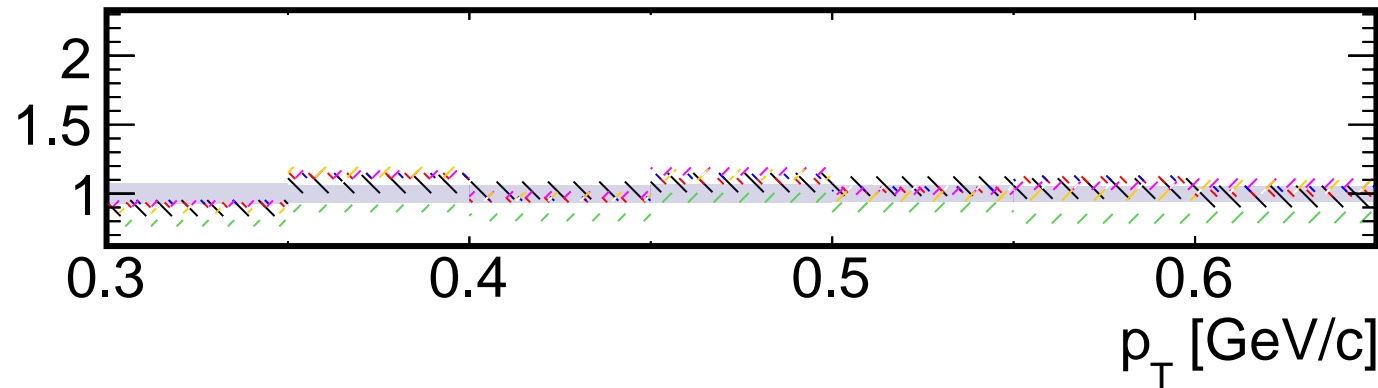
π^-/π^+ ratio

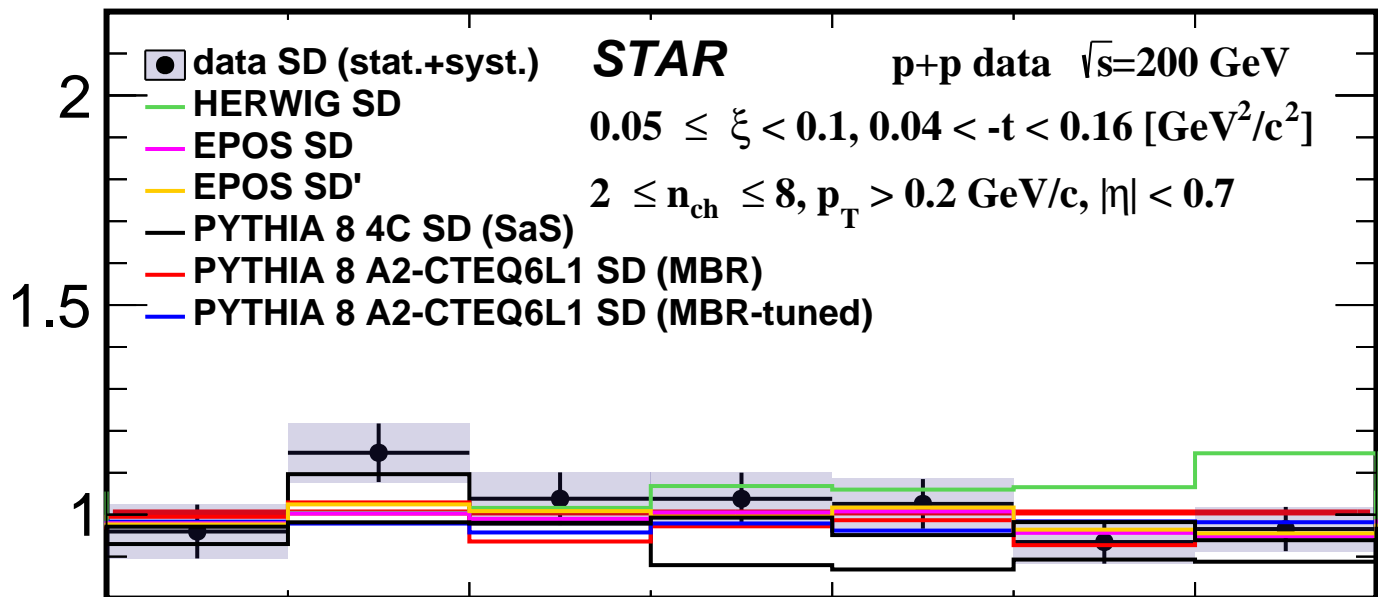
π^-/π^+ ratio

π^-/π^+ ratio

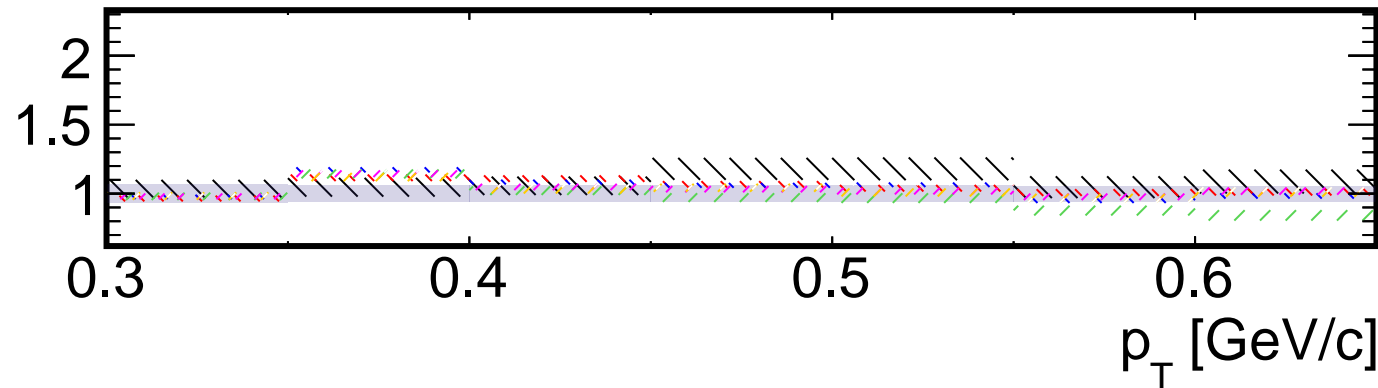
K/K^+ ratio

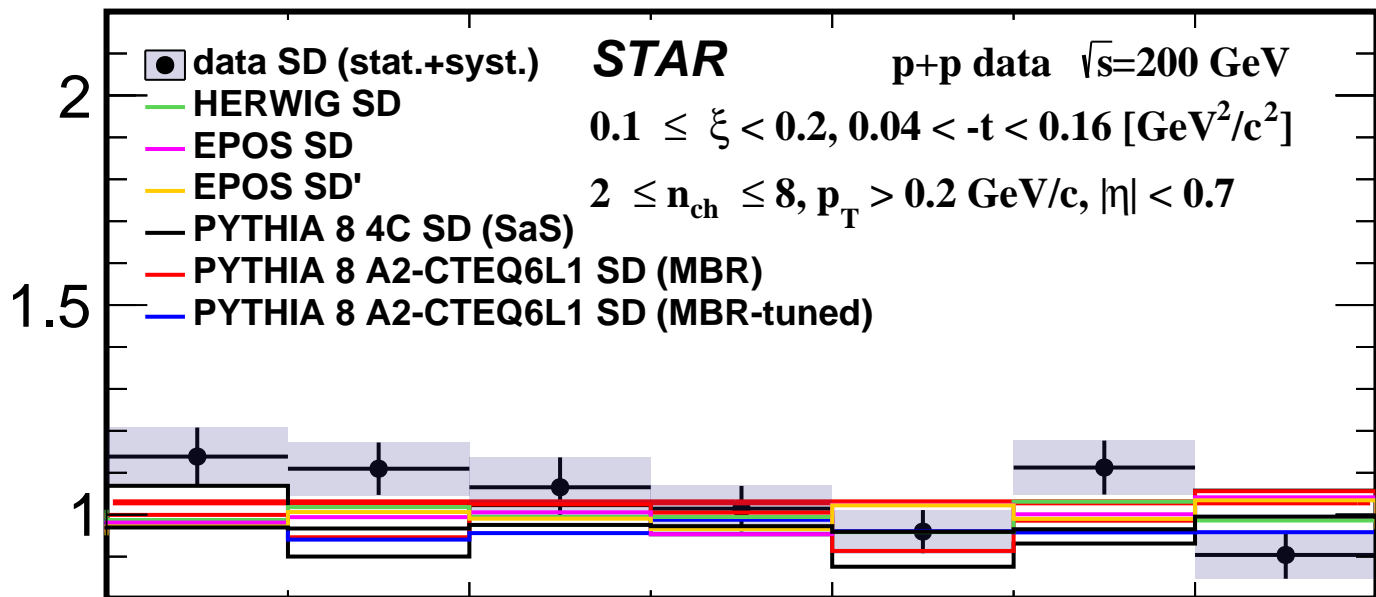
data/MC



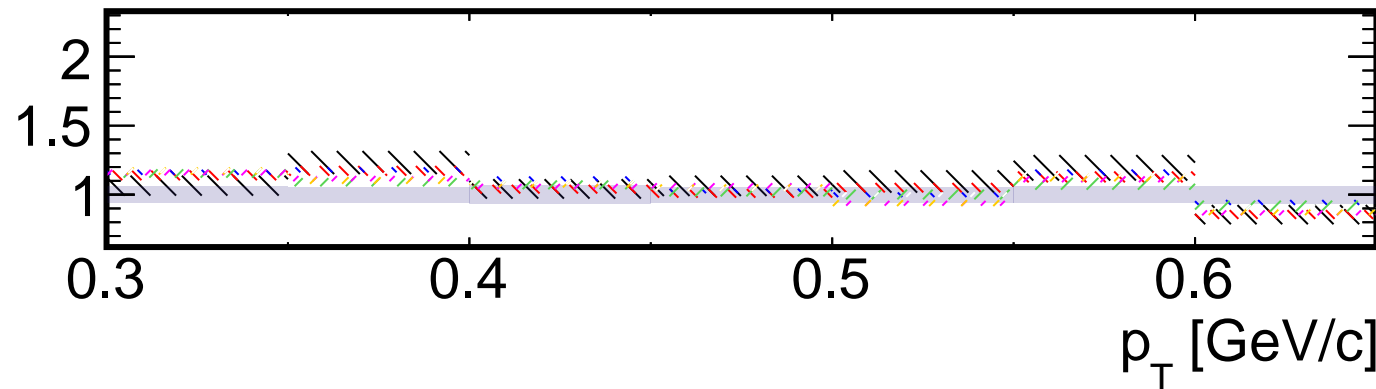
K/K^+ ratio

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-CTEQ6L1 SD (MBR)
- PYTHIA 8 A2-CTEQ6L1 SD (MBR-tuned)

2

1

0

data/MC

1.5

0.4

0.5

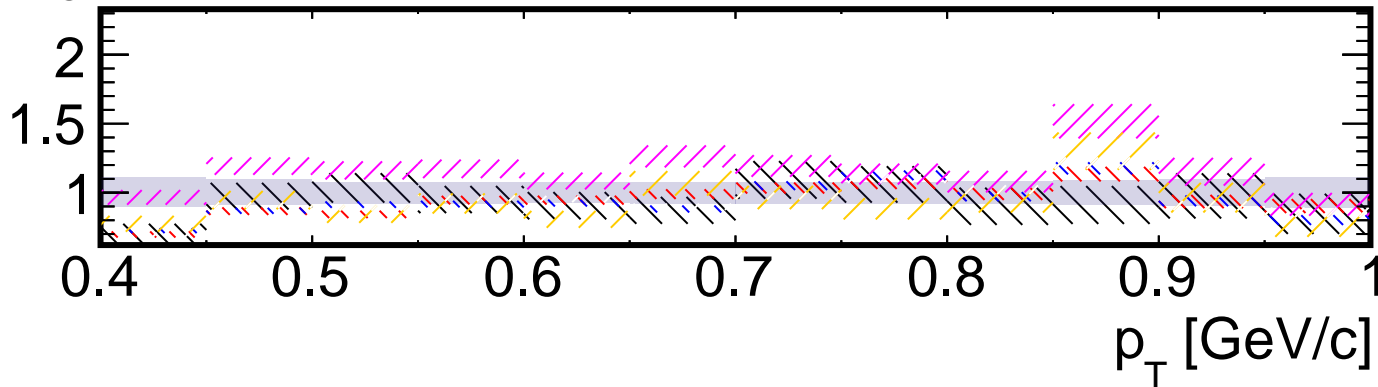
0.6

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-CTEQ6L1 SD (MBR-tuned)

2

1

0

data/MC

1.5

0.4

0.5

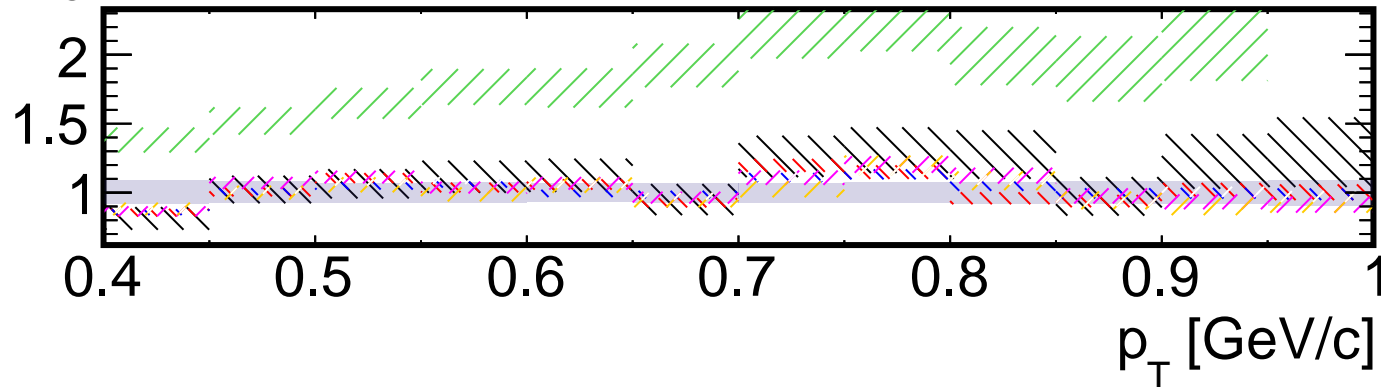
0.6

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1

 p_{T} [GeV/c]

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2

1

0

data/MC

1.5

0.4

0.5

0.6

0.7

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0.9

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 p_{T} [GeV/c]