

\bar{p}/p ratio

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

1

0.5

— nominal

— dead material down

- - emb. up

- - bkg. down

- - nHits tight

- - east-west up

- - non-closure down

— pile-up down

- - dead material up

— TOF down

- - bkg. up

— d_0 loose

- - east-west down

— p bkg. down

- - pile-up up

— emb. down

- - TOF up

— nHits loose

- - d_0 tight

— non-closure up

- - p bkg. up

ratio

1.1

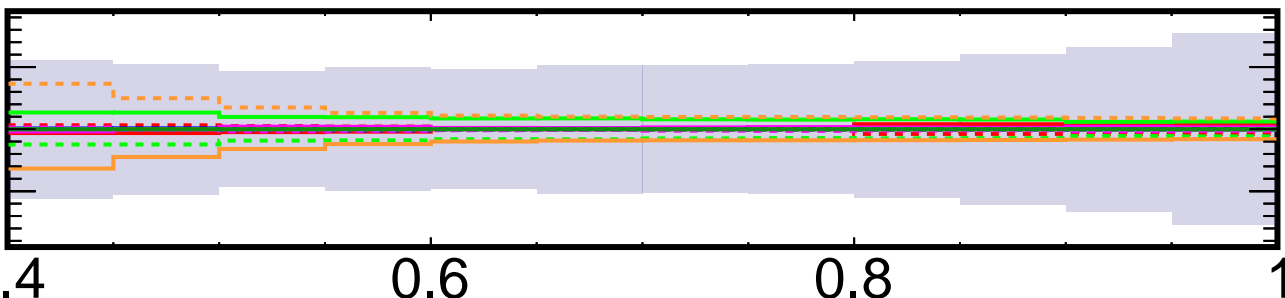
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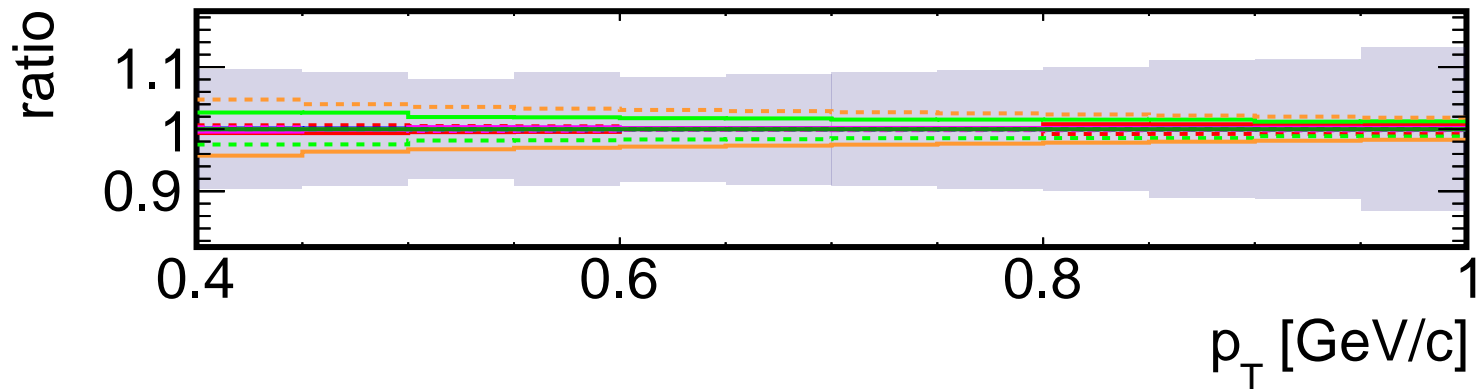
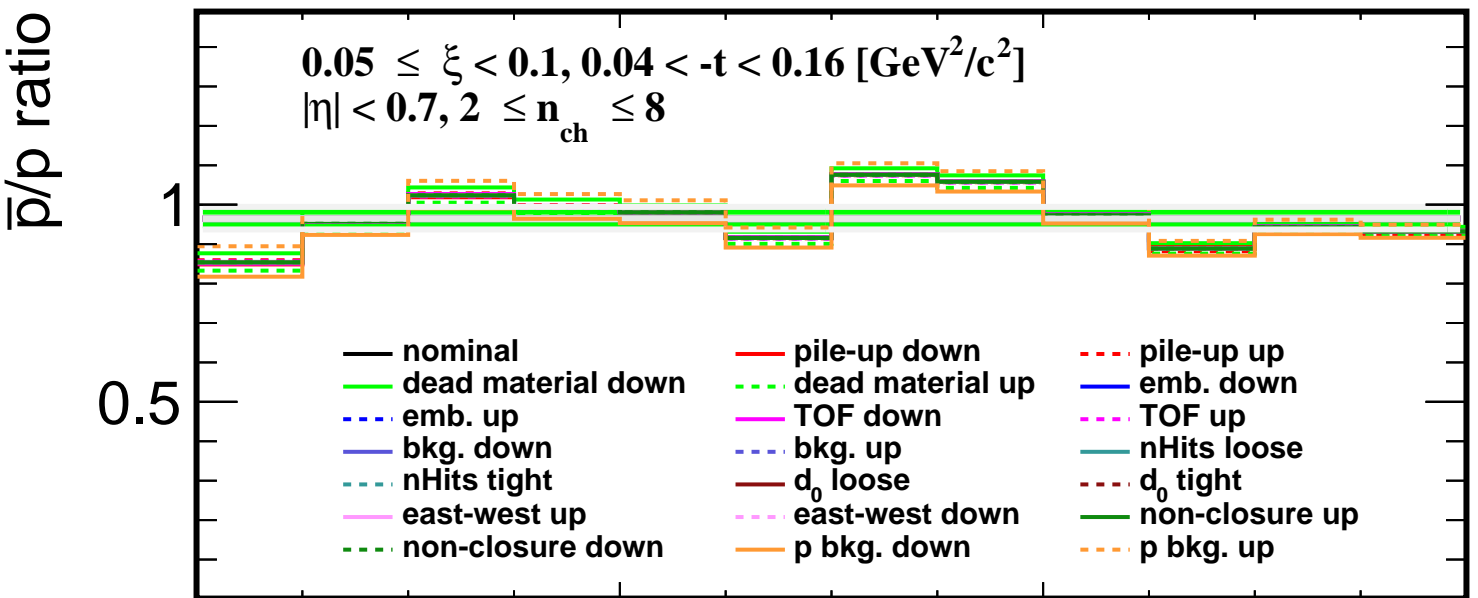
0.4

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

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- - - p bkg. up

ratio

1.1

0.9

stat. uncertainty

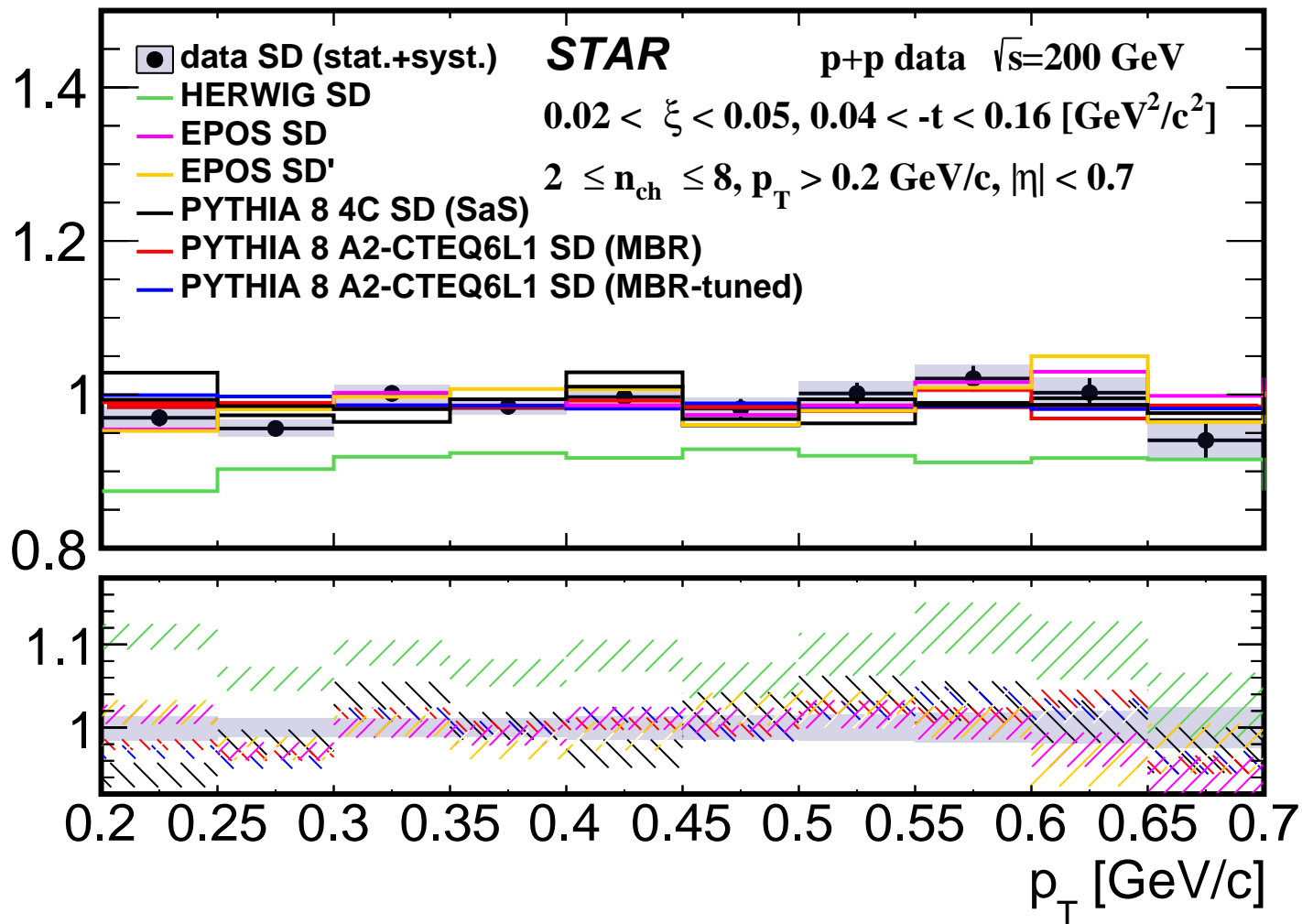
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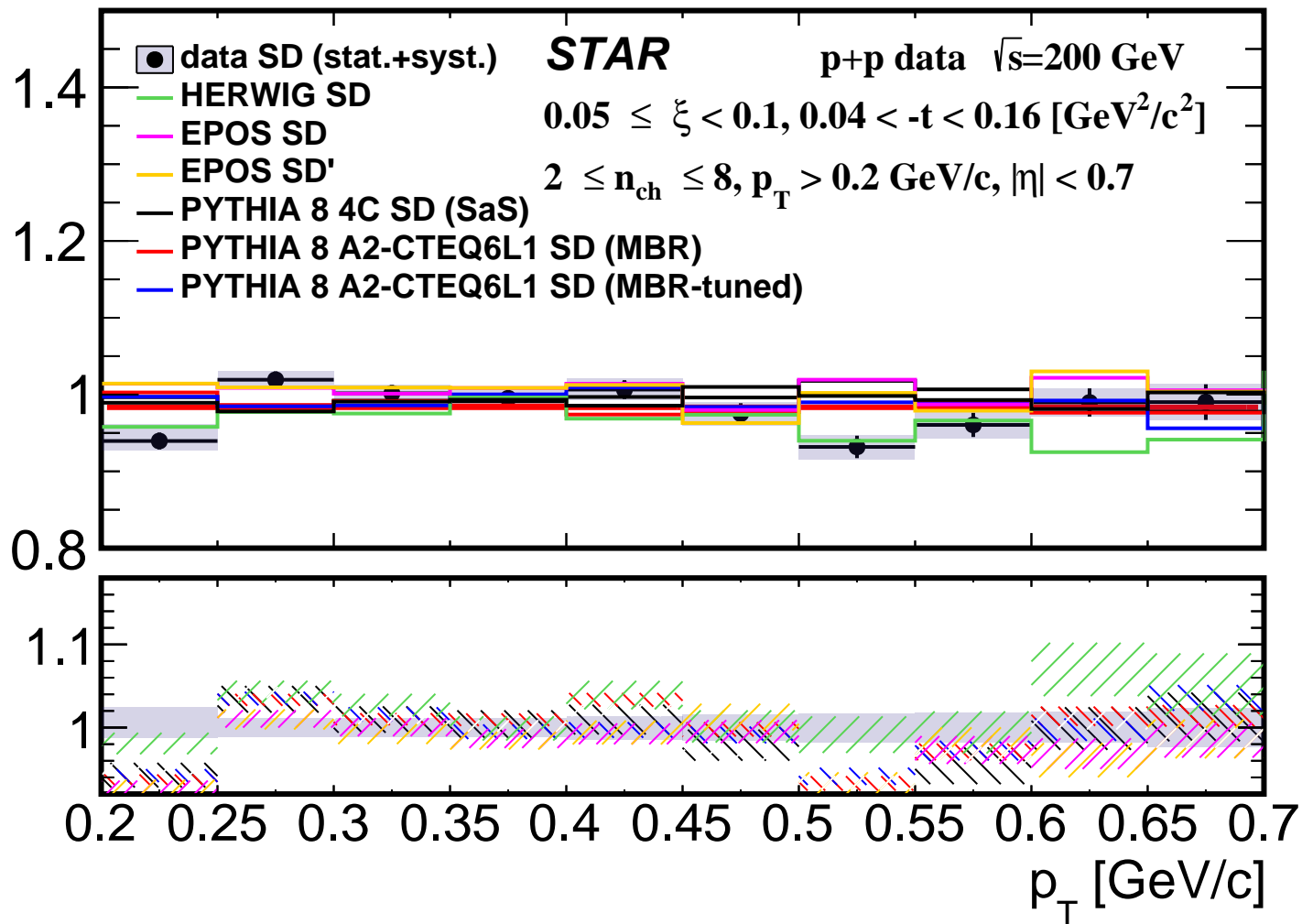
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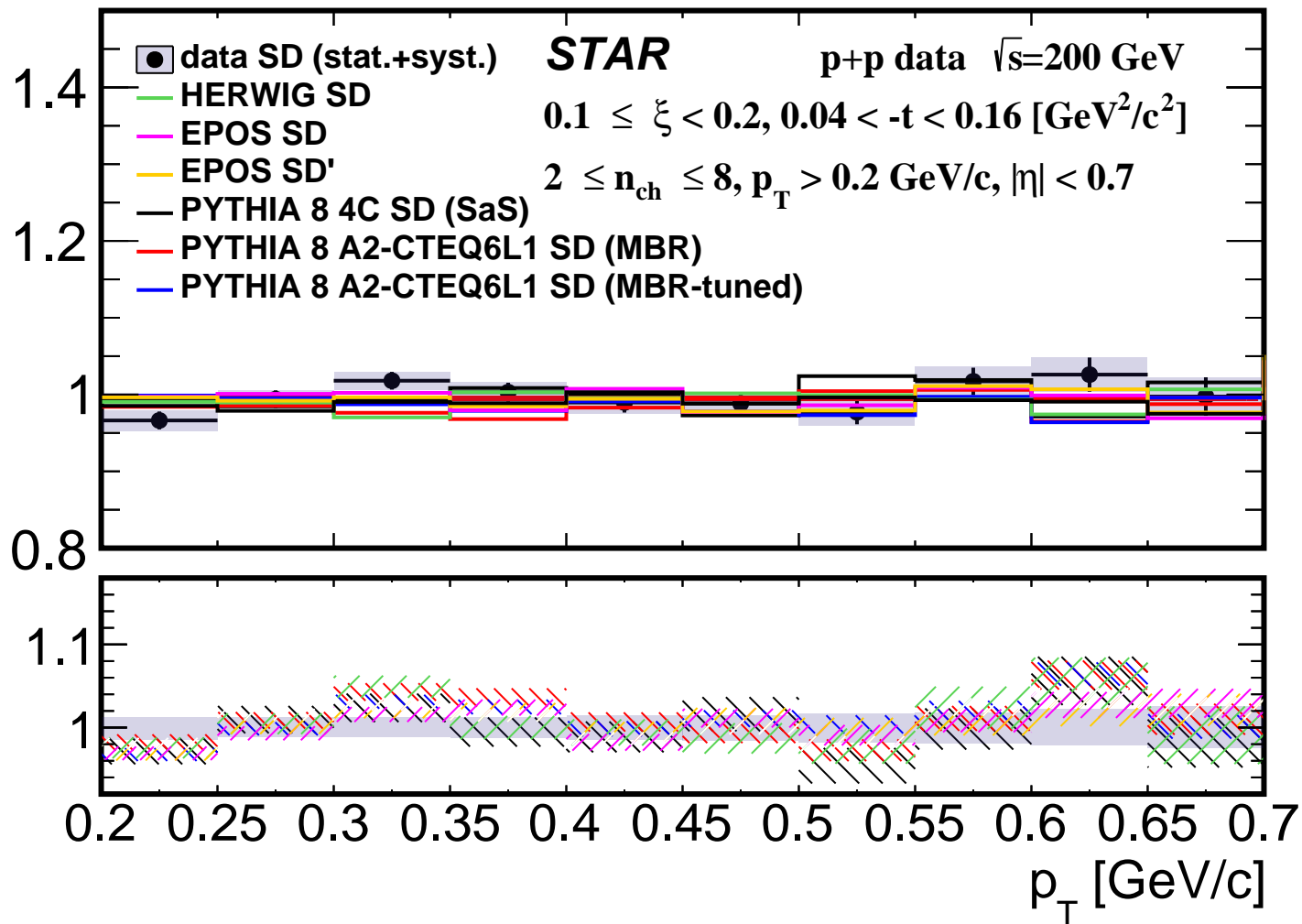
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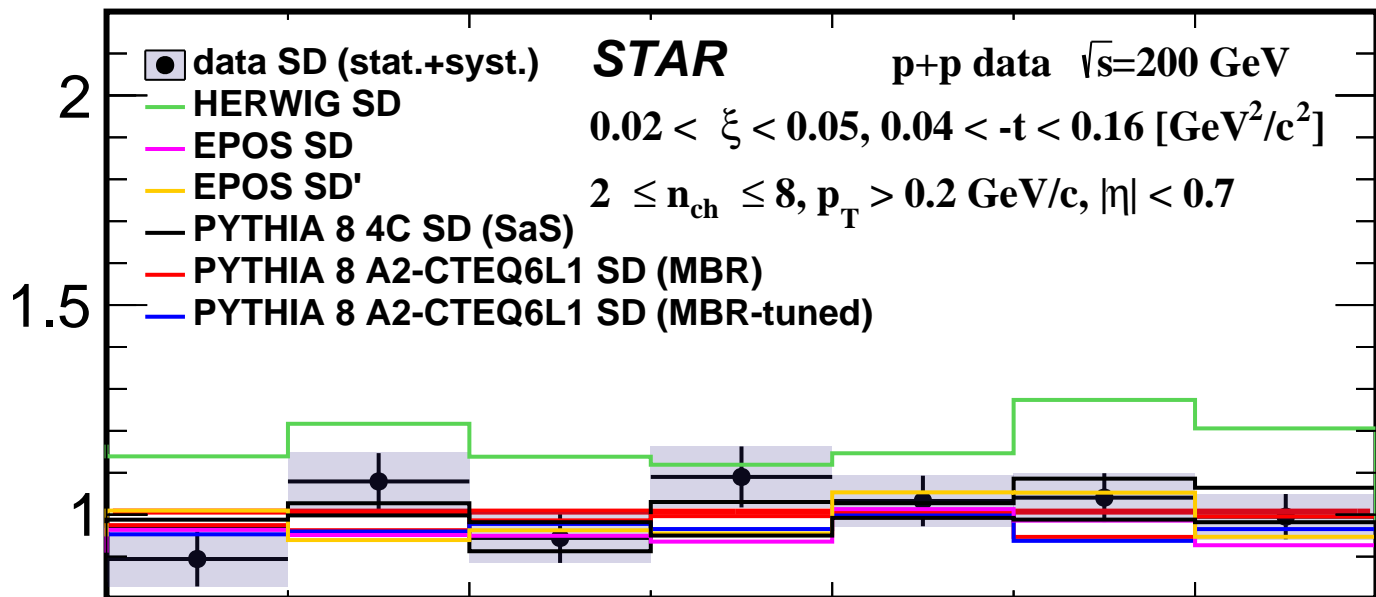
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 $p_T \text{ [GeV/c]}$

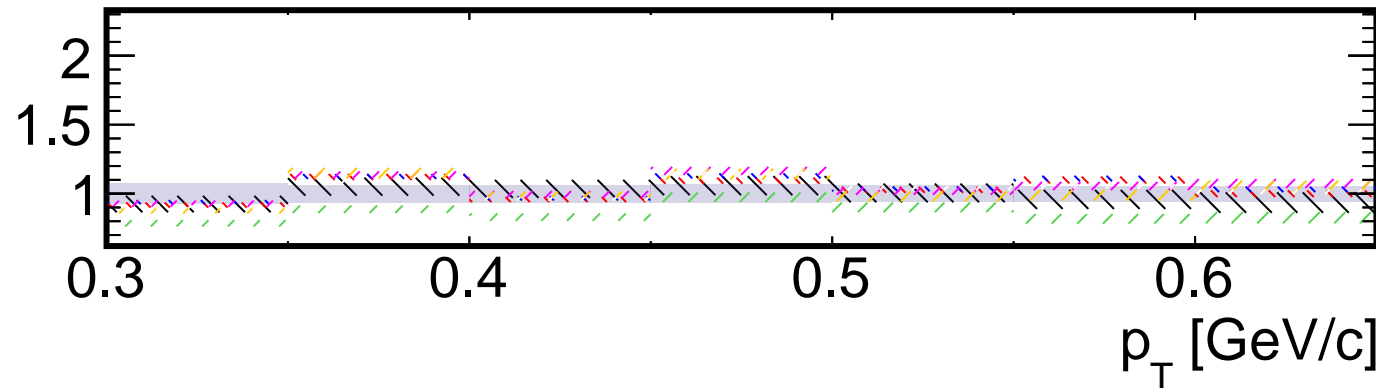
π^-/π^+ ratio

π^-/π^+ ratio

π^-/π^+ ratio

K/K^+ ratio

data/MC



K^0/K^+ ratio**STAR**p+p data $\sqrt{s}=200$ GeV $0.05 \leq \xi < 0.1, 0.04 < -t < 0.16$ [GeV^2/c^2] $2 \leq n_{\text{ch}} \leq 8, p_T > 0.2$ GeV/c, $|\eta| < 0.7$

● data SD (stat.+syst.)

— HERWIG SD

— EPOS SD

— EPOS SD'

— PYTHIA 8 4C SD (SaS)

— PYTHIA 8 A2-CTEQ6L1 SD (MBR)

— PYTHIA 8 A2-CTEQ6L1 SD (MBR-tuned)

1.5

1

1

data/MC

1.5

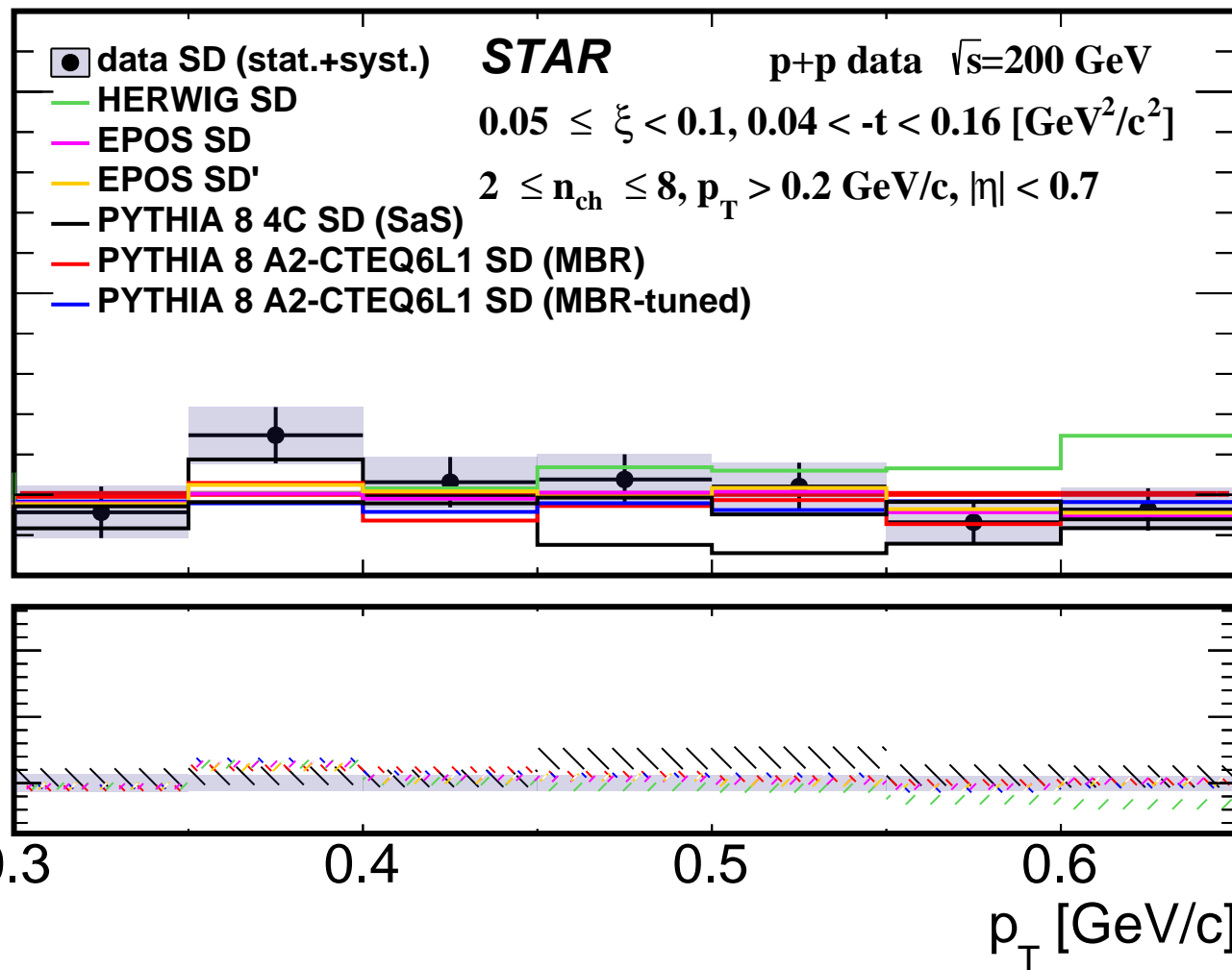
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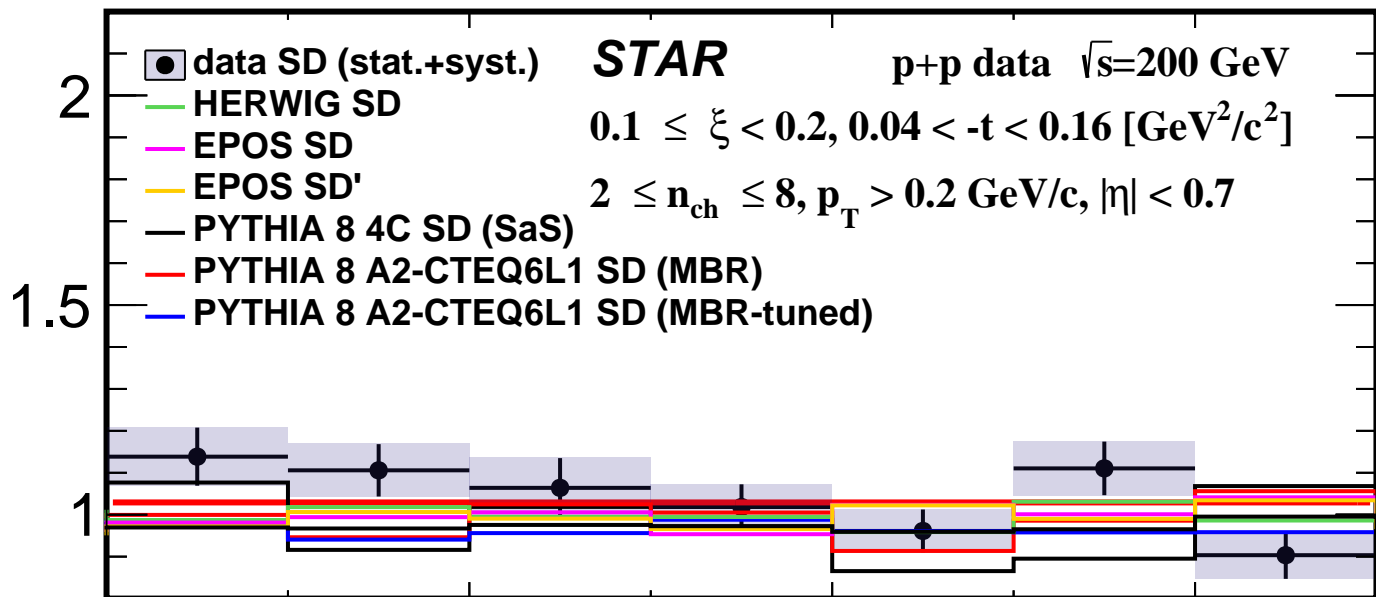
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0.4

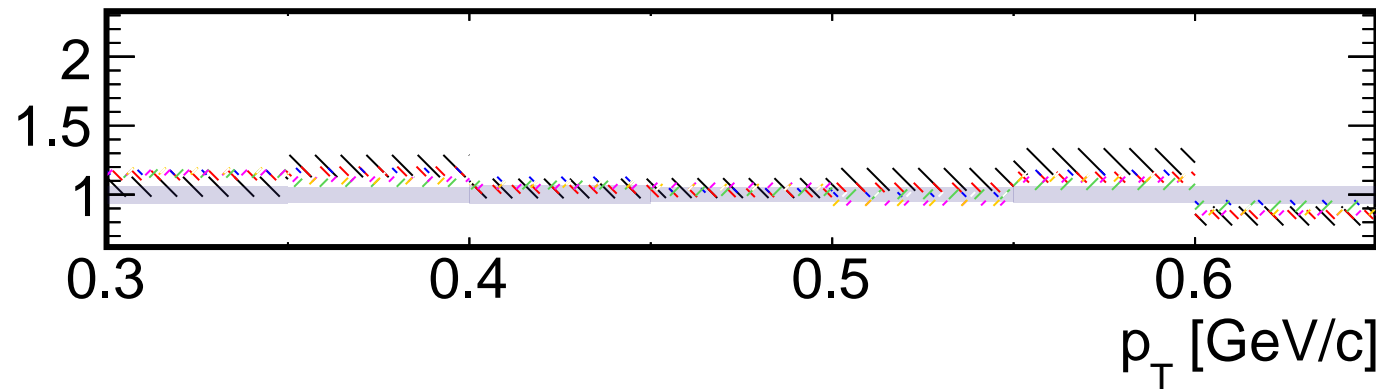
0.5

0.6

 p_T [GeV/c]

K/K^+ ratio

data/MC



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2

1

0

data/MC

1.5

0.4

0.5

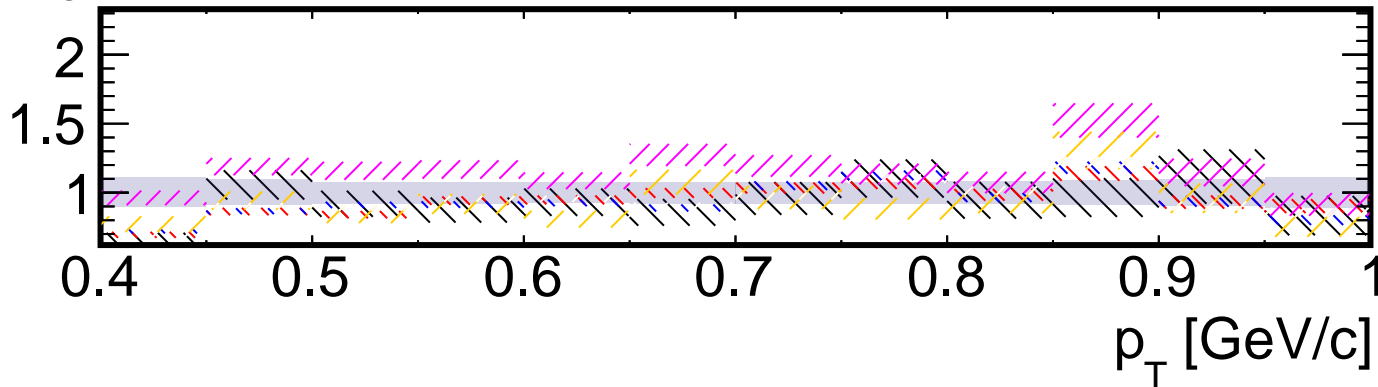
0.6

0.7

0.8

0.9

1

 p_{T} [GeV/c]

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2

1

0

data/MC

1.5

0.4

0.5

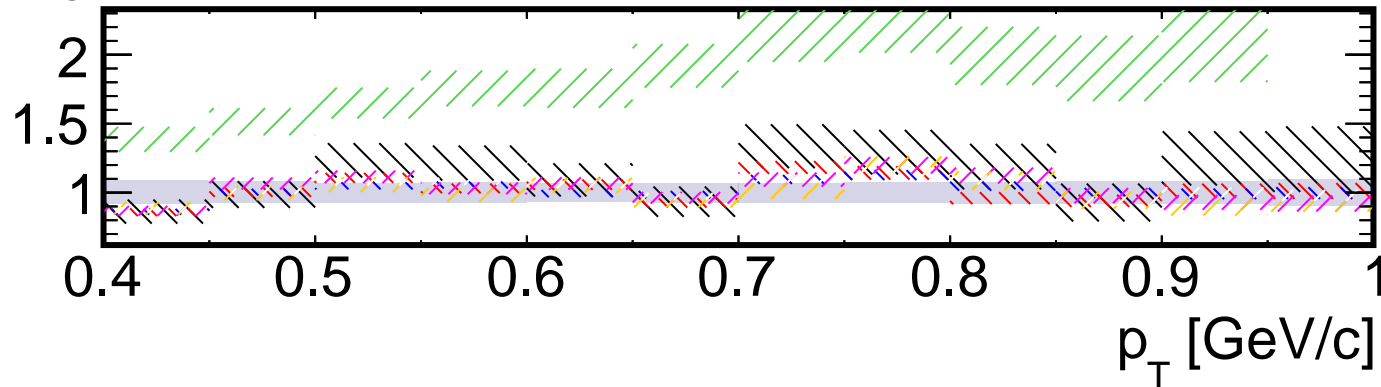
0.6

0.7

0.8

0.9

1

 p_T [GeV/c]

\bar{p}/p ratio

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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]