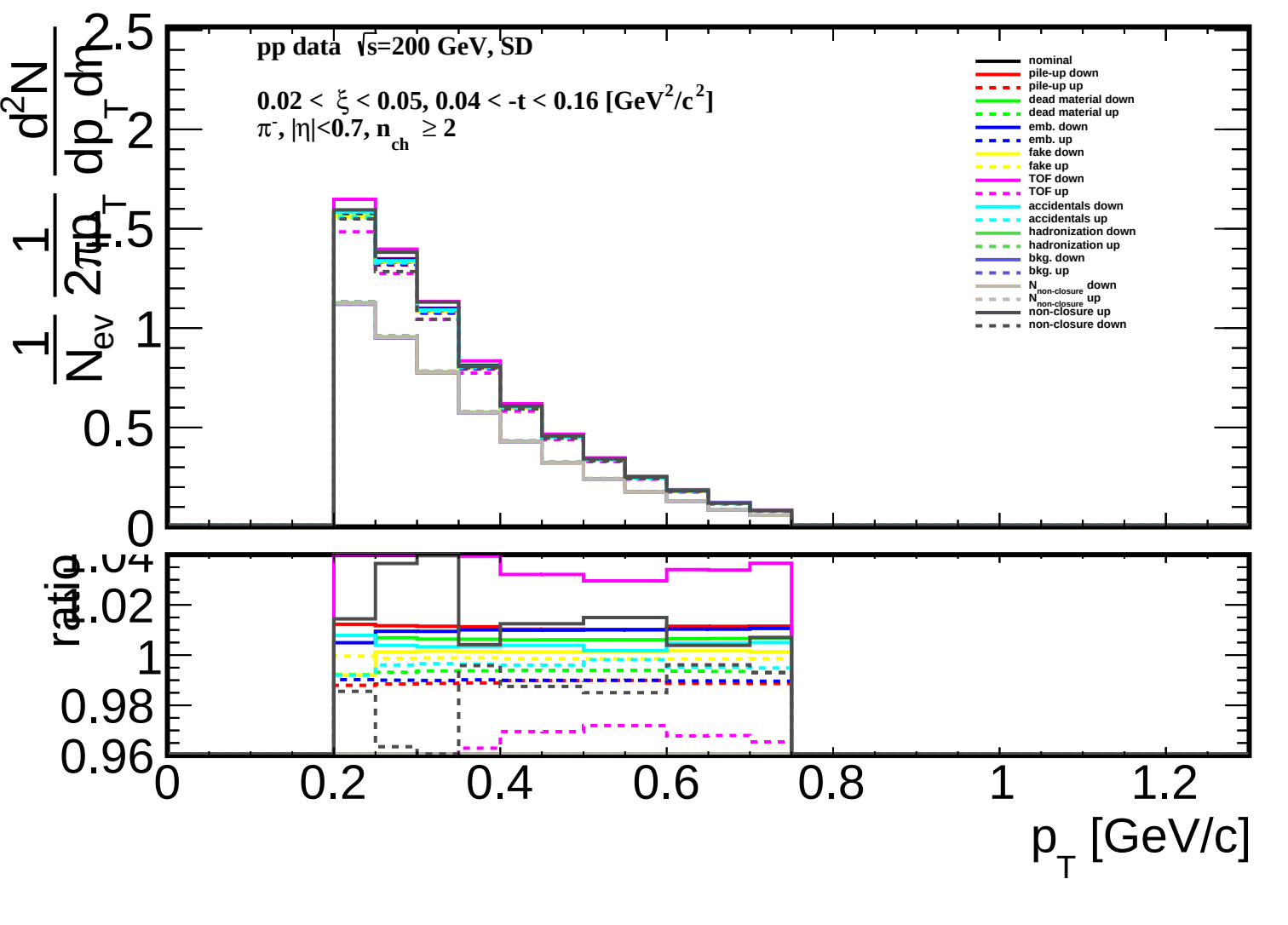
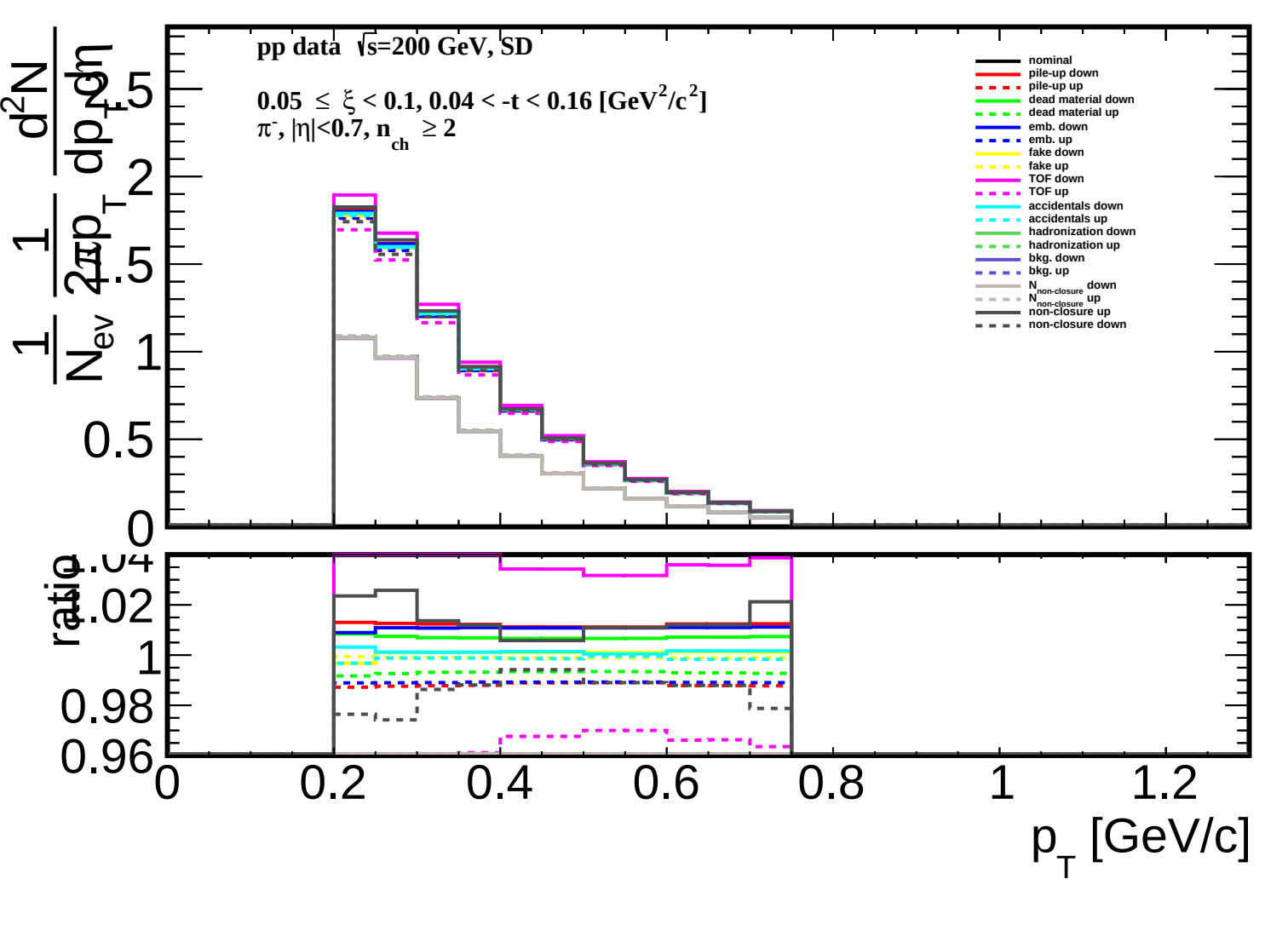

pp data √s=200 GeV, SD
0.02 < ξ < 0.05, 0.04 < -t < 0.16 [GeV²/c²]
π⁻, |η|<0.7, n_ch ≥ 2
nominal
pile-up down
pile-up up
dead material down
dead material up
emb. down
emb. up
fake down
fake up
TOF down
TOF up
accidentals down
accidentals up
hadronization down
hadronization up
bkg. down
bkg. up
N non-closure down
N non-closure up
non-closure up
non-closure down
1/N_ev 1/2πp_T d²N/dp_T dη
ratio
p_T [GeV/c]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0.05 ≤ ξ < 0.1, 0.04 < -t < 0.16 [GeV²/c²]
π⁻, |η|<0.7, n_ch ≥ 2
nominal
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dead material up
emb. down
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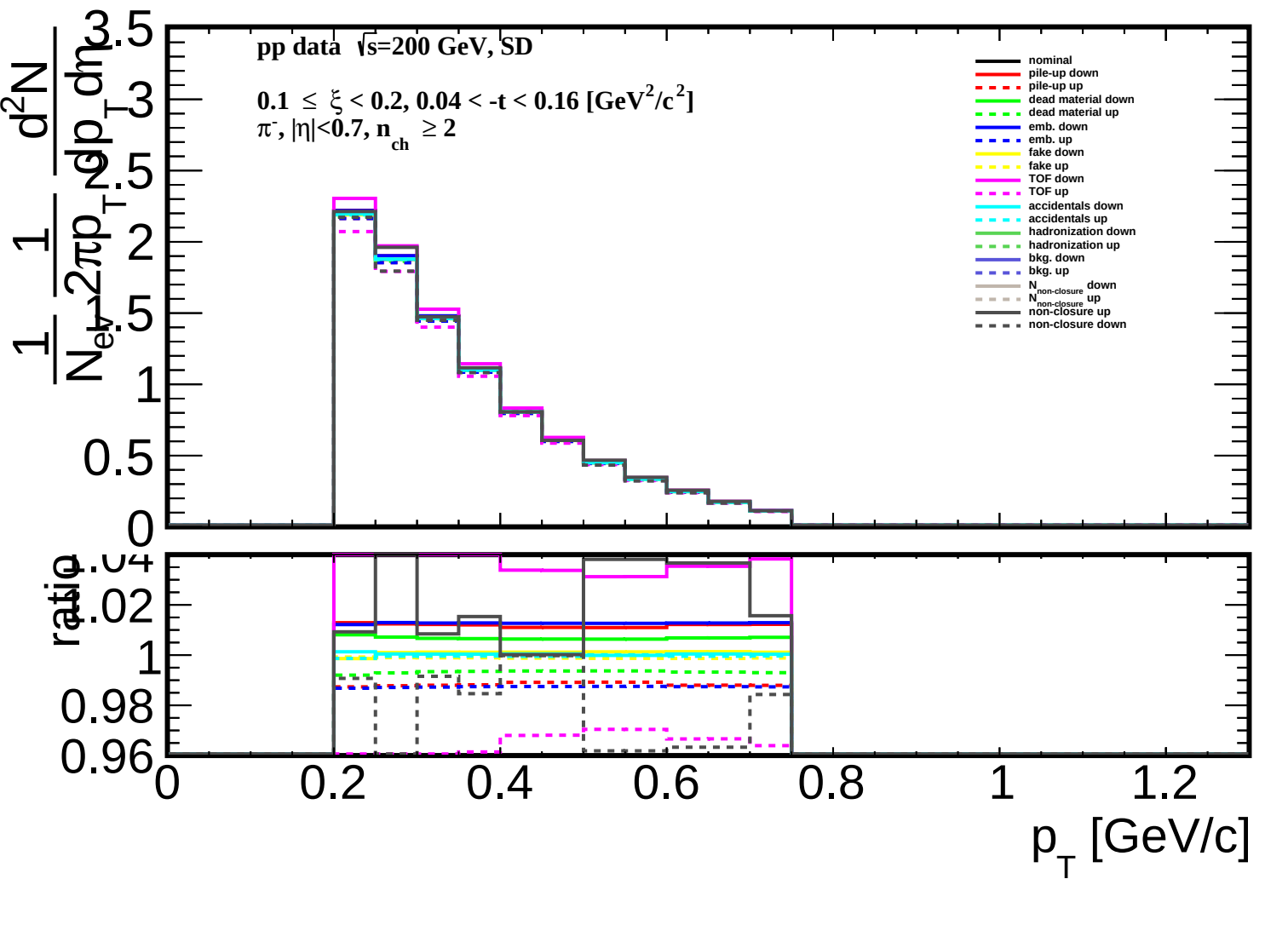
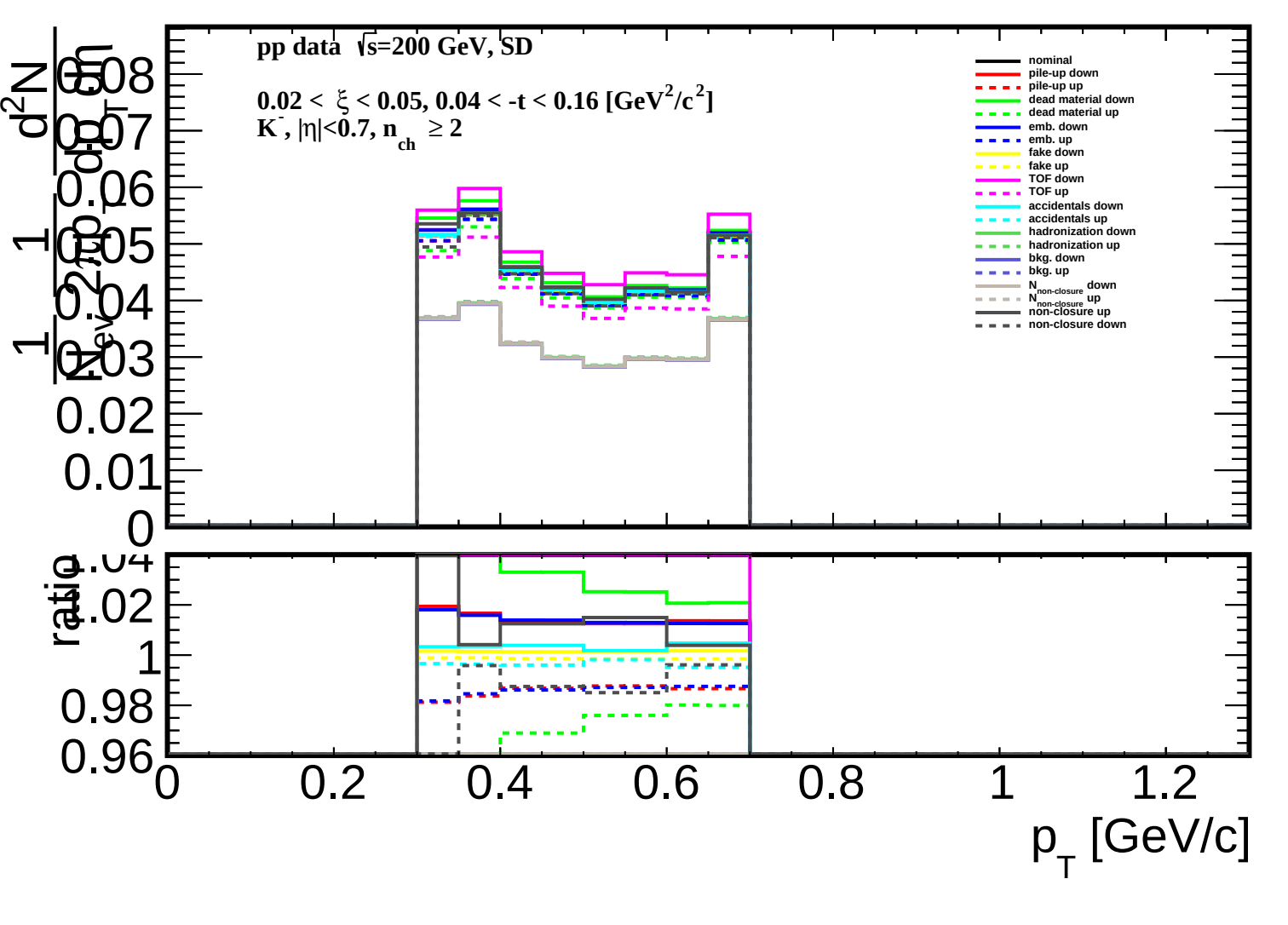
accidentals up
hadronization down
hadronization up
bkg. down
bkg. up
N non-closure down
N non-closure up
non-closure up
non-closure down
1/N_ev 1/2πp_T d²N/dp_T dη
ratio
p_T [GeV/c]


pp data √s=200 GeV, SD
0.1 ≤ ξ < 0.2, 0.04 < -t < 0.16 [GeV²/c²]
π⁻, |η|<0.7, n_ch ≥ 2
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
N non-closure down
N non-closure up
non-closure up
non-closure down
1/N_ev 1/2πp_T d²N/dp_T dη
ratio
p_T [GeV/c]


pp data √s=200 GeV, SD
0.02 < ξ < 0.05, 0.04 < -t < 0.16 [GeV²/c²]
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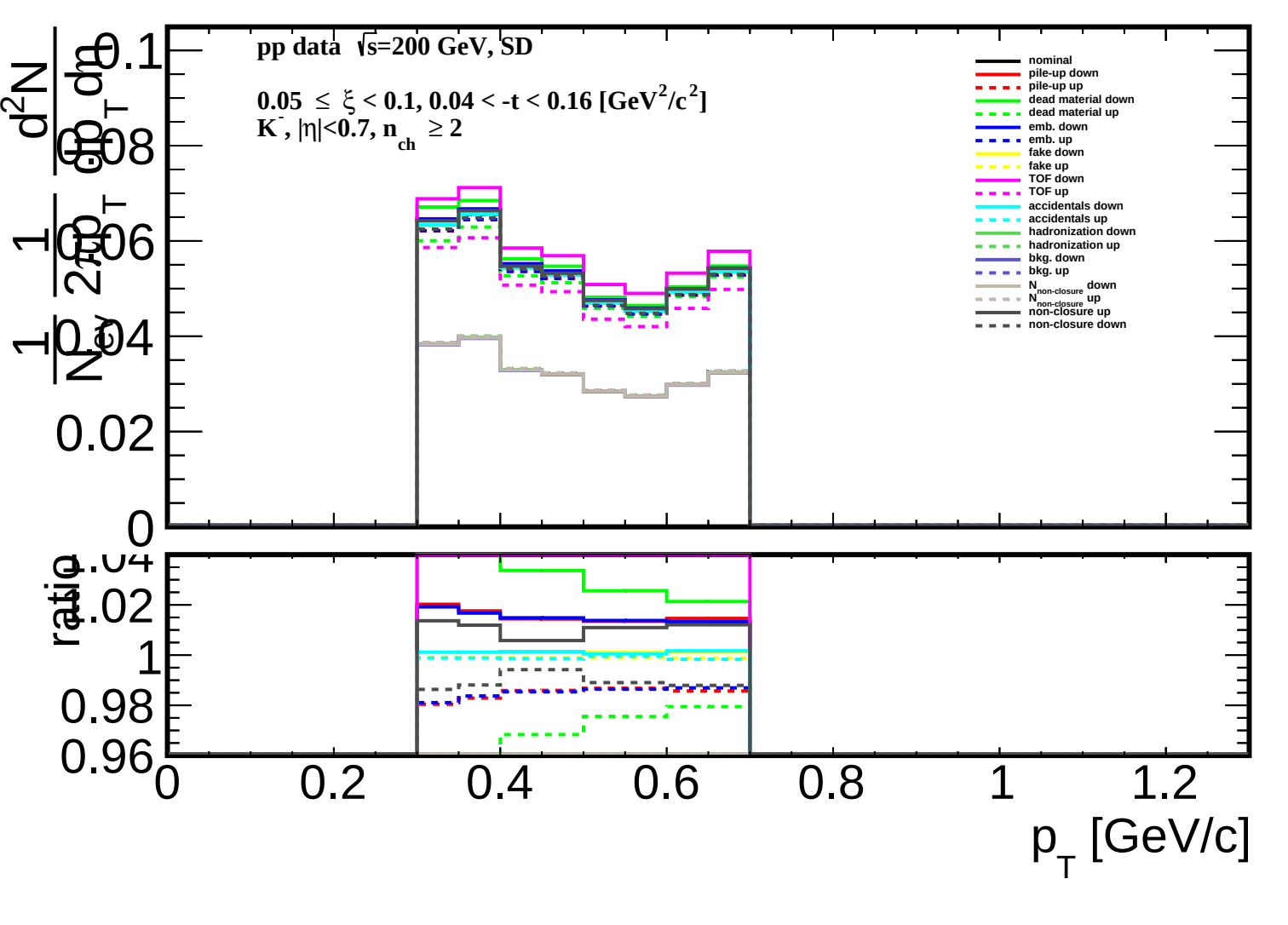
N non-closure down
N non-closure up
non-closure up
non-closure down
d²N / dp_T dη
1/N_ev
ratio
p_T [GeV/c]


pp data √s=200 GeV, SD
0.05 ≤ ξ < 0.1, 0.04 < -t < 0.16 [GeV²/c²]
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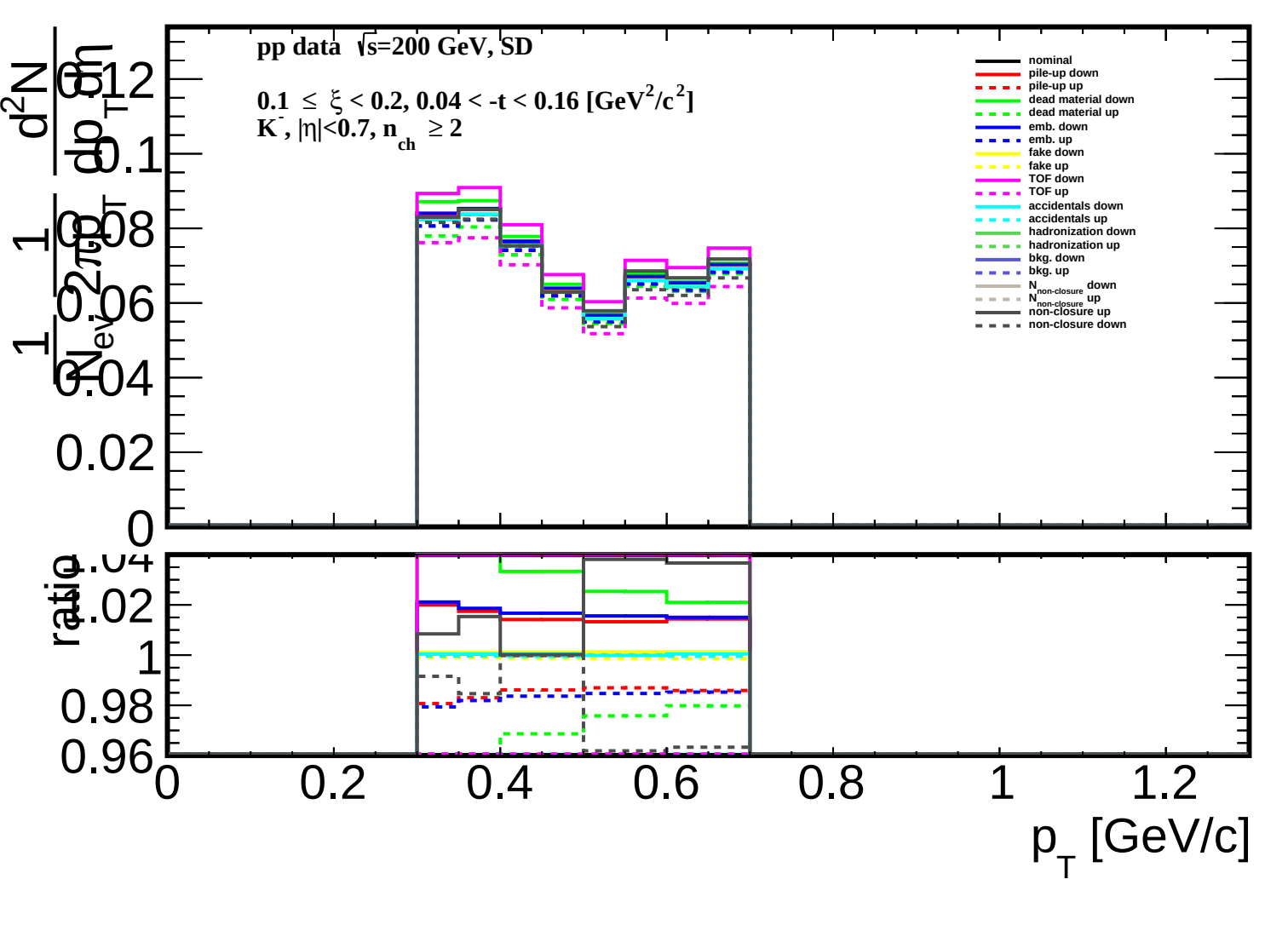
N non-closure down
N non-closure up
non-closure up
non-closure down
1/N_ev 1/2π d²N/dp_T dη
ratio
p_T [GeV/c]


pp data √s=200 GeV, SD
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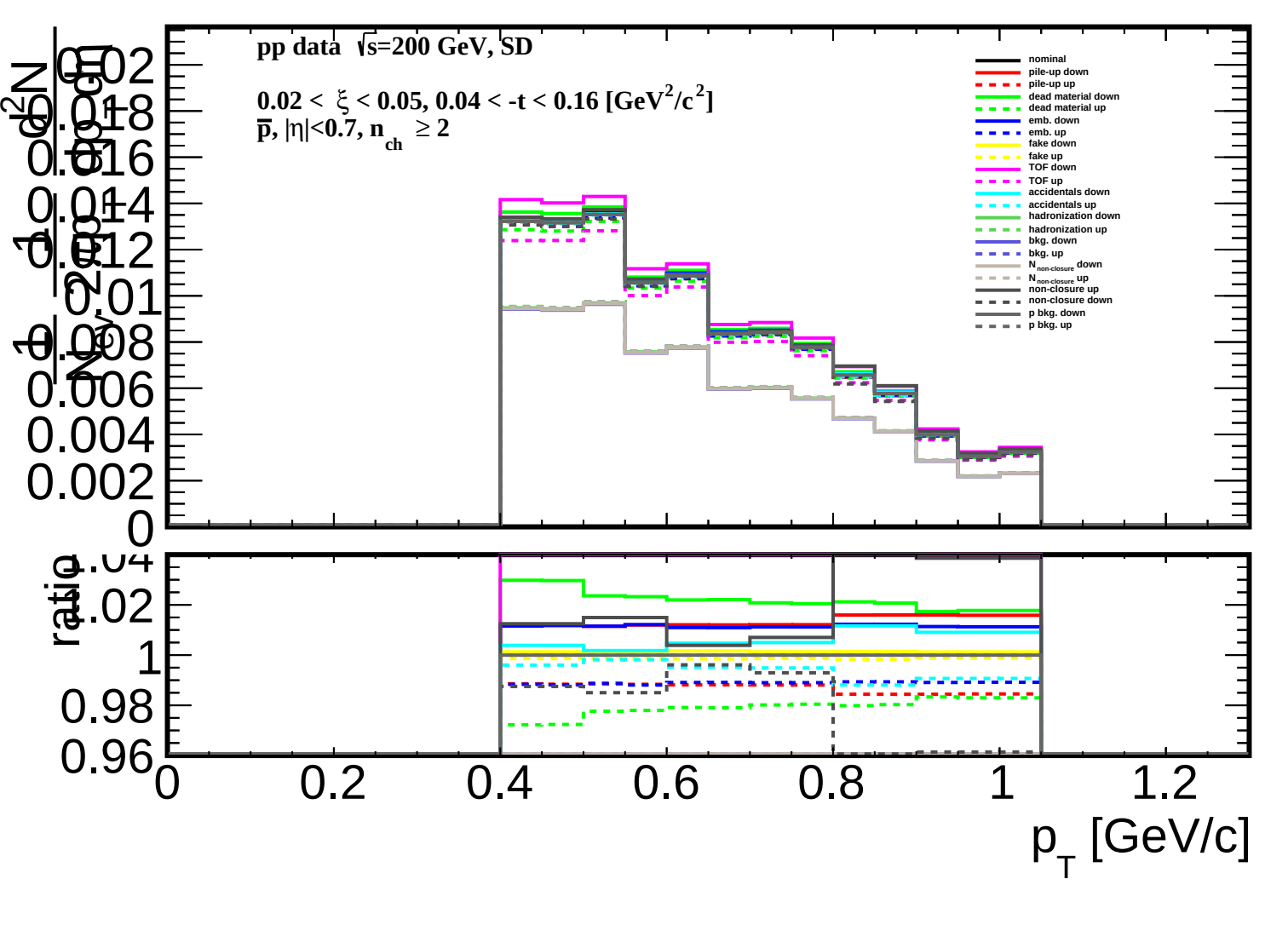
N non-closure up
non-closure up
non-closure down
d²N/dp_T dη
1/N_ev 1/2π p_T
ratio
p_T [GeV/c]


pp data √s=200 GeV, SD
0.02 < ξ < 0.05, 0.04 < -t < 0.16 [GeV²/c²]
p̄, |η|<0.7, n_ch ≥ 2
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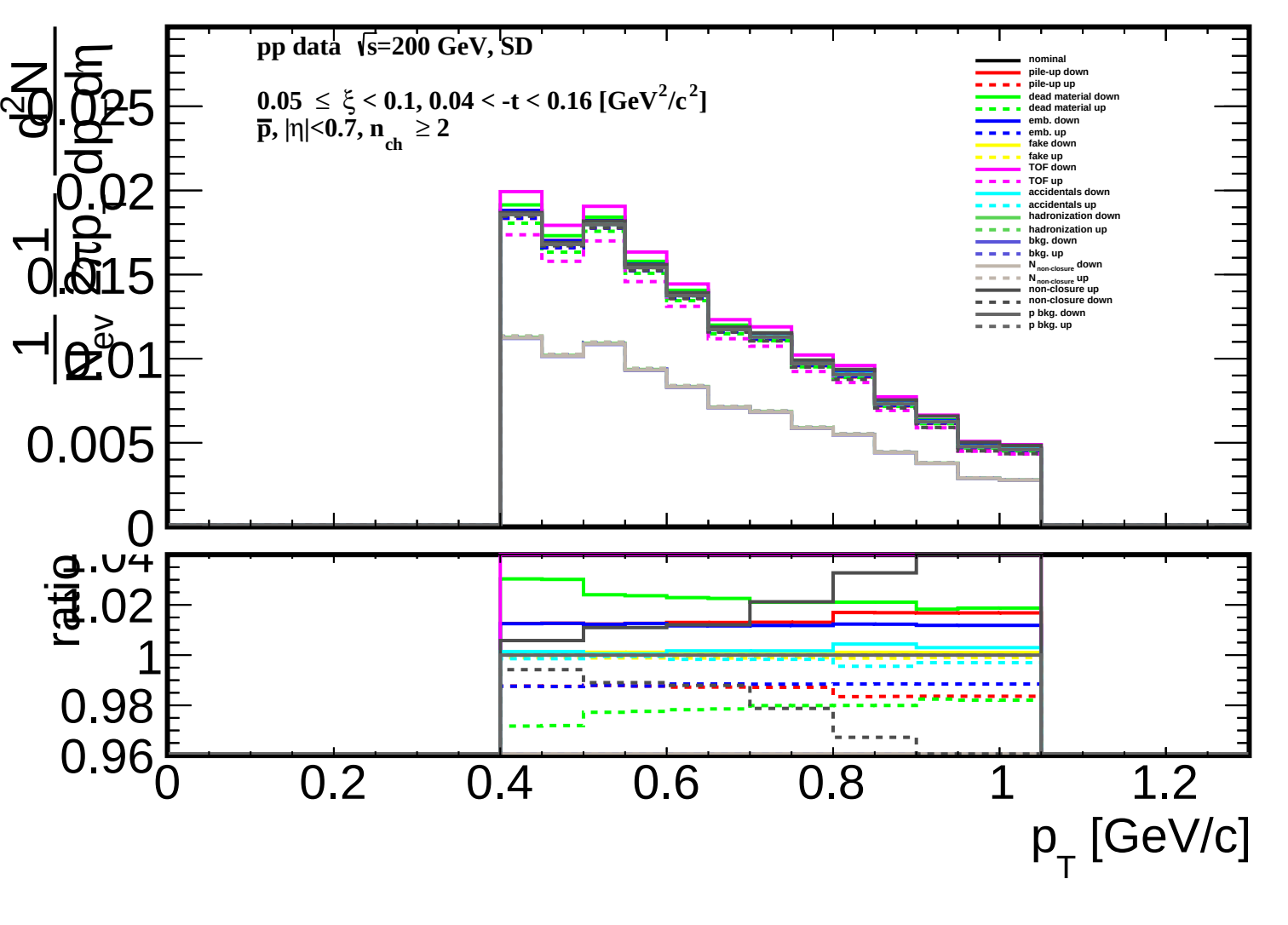
N non-closure up
non-closure up
non-closure down
p bkg. down
p bkg. up
ratio
p_T [GeV/c]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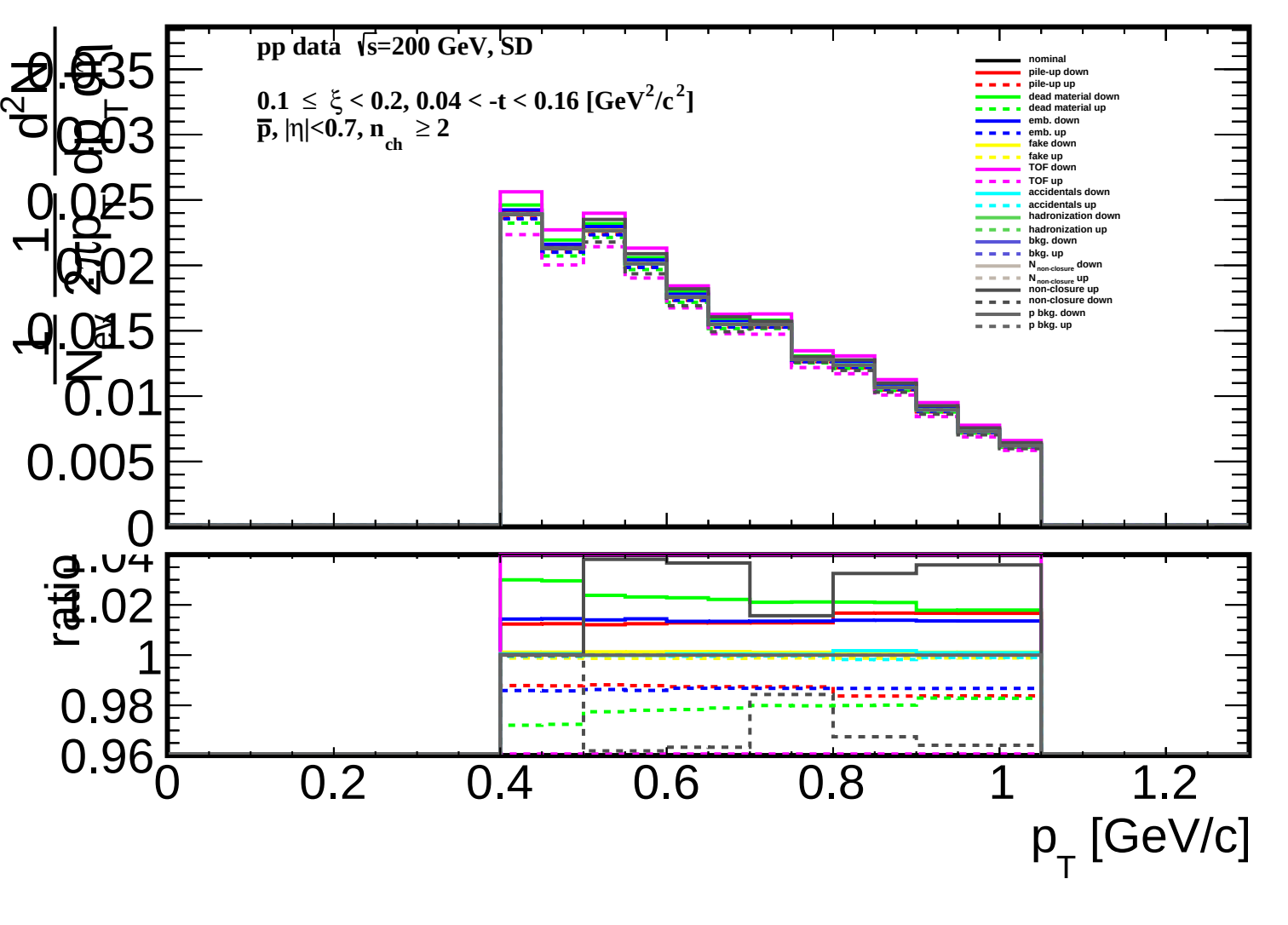
non-closure down
p bkg. down
p bkg. up
1/N_ev d²N/dp_T dη
ratio
p_T [GeV/c]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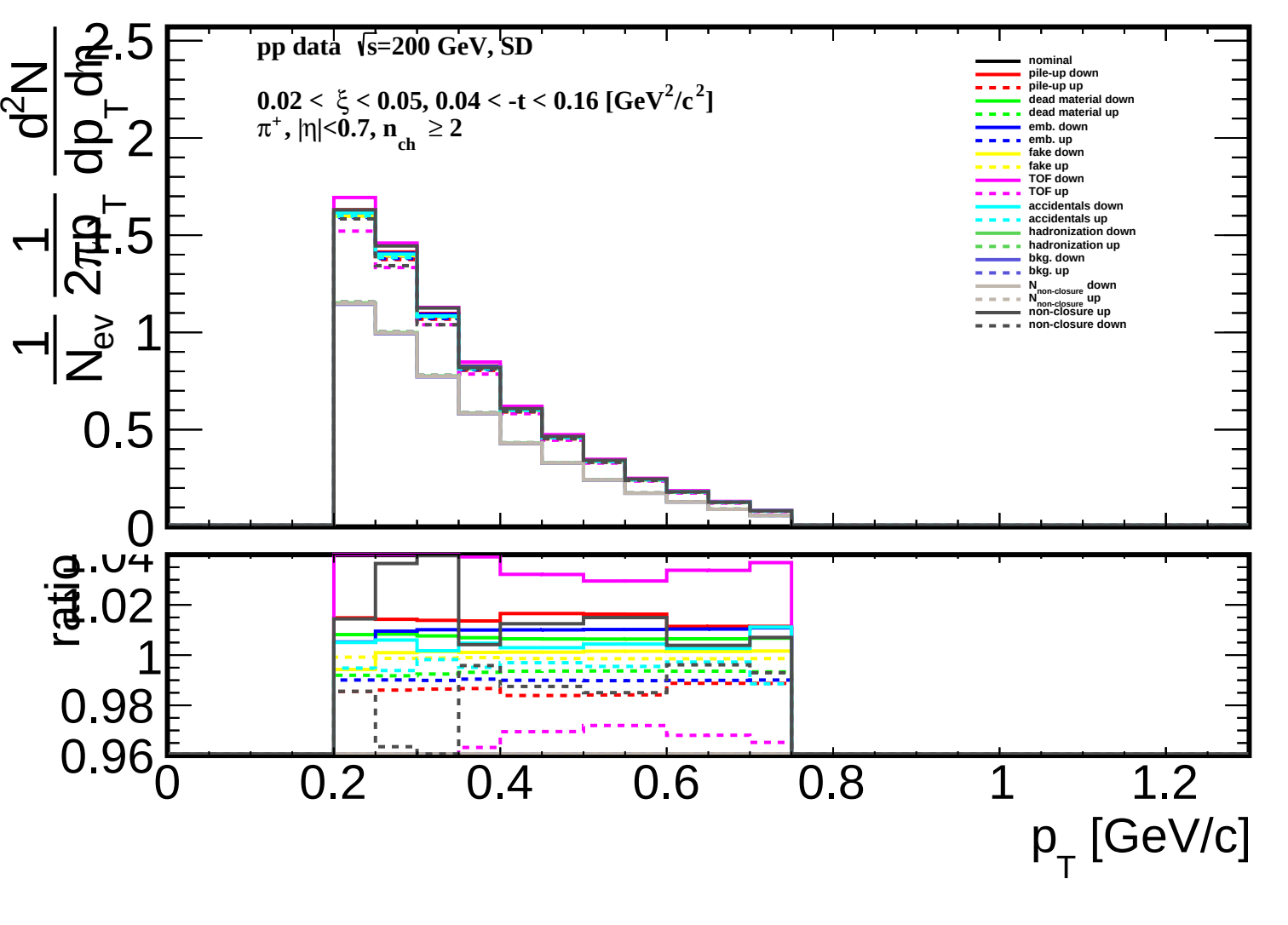
ratio
p_T [GeV/c]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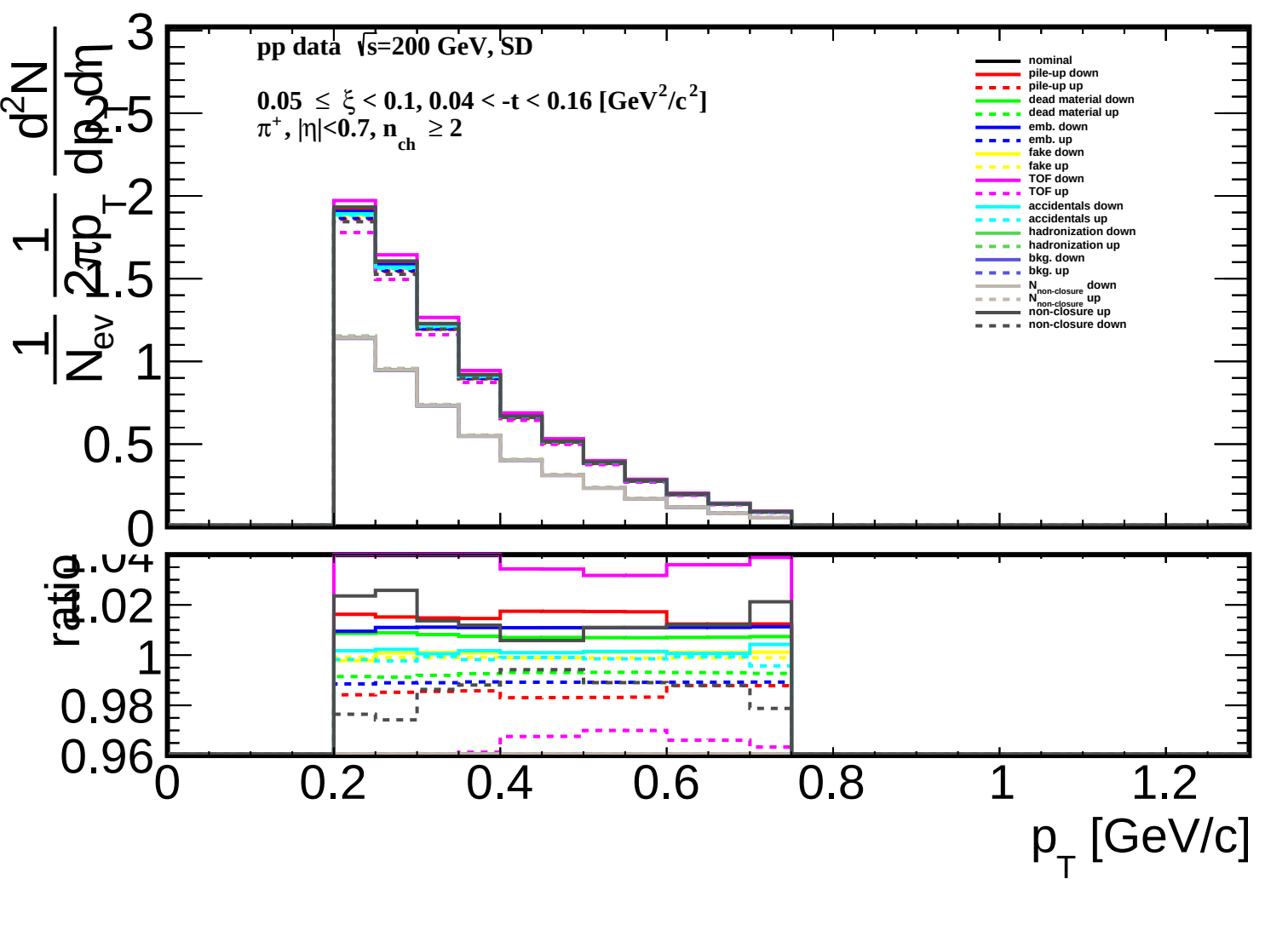
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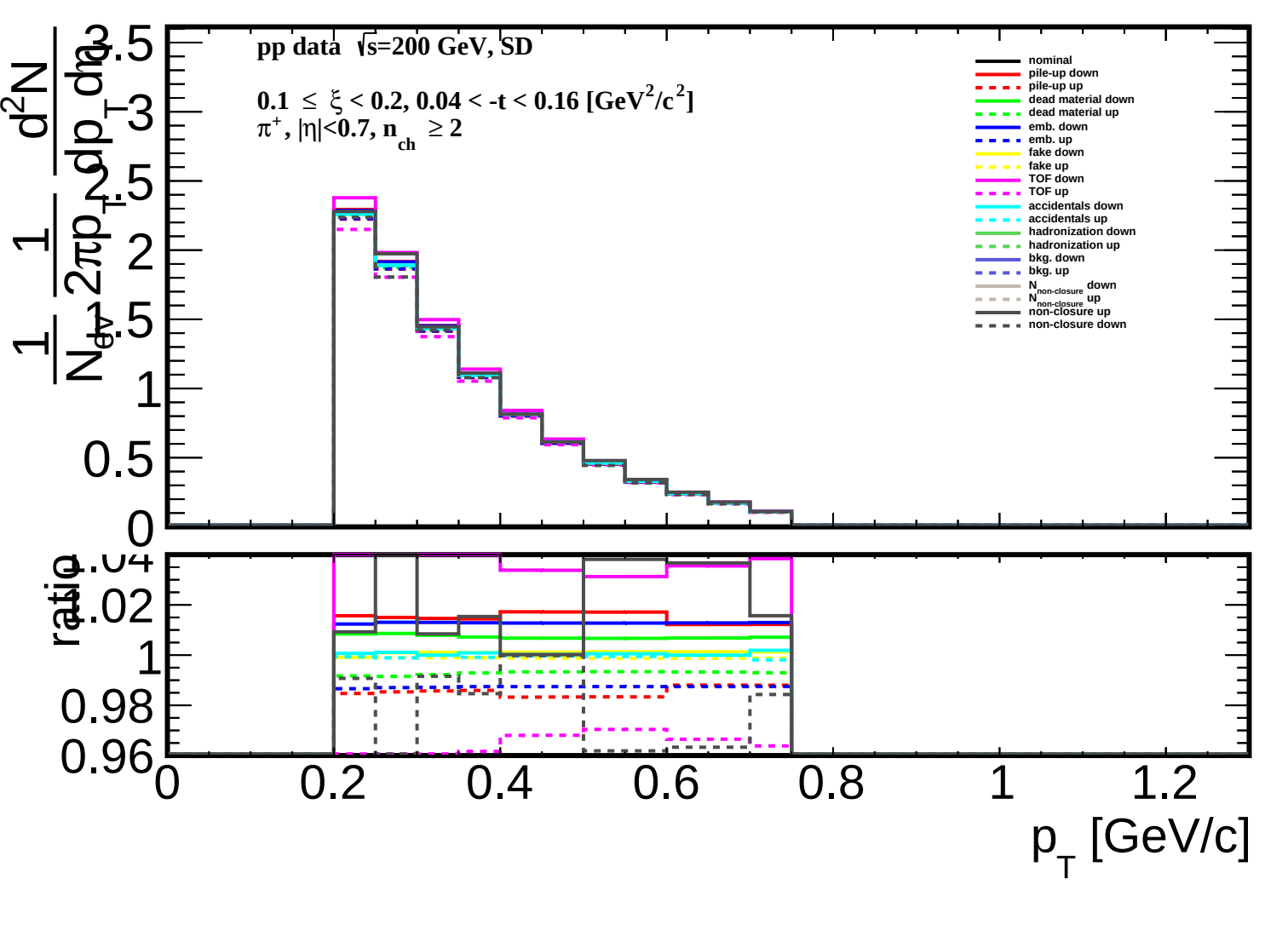
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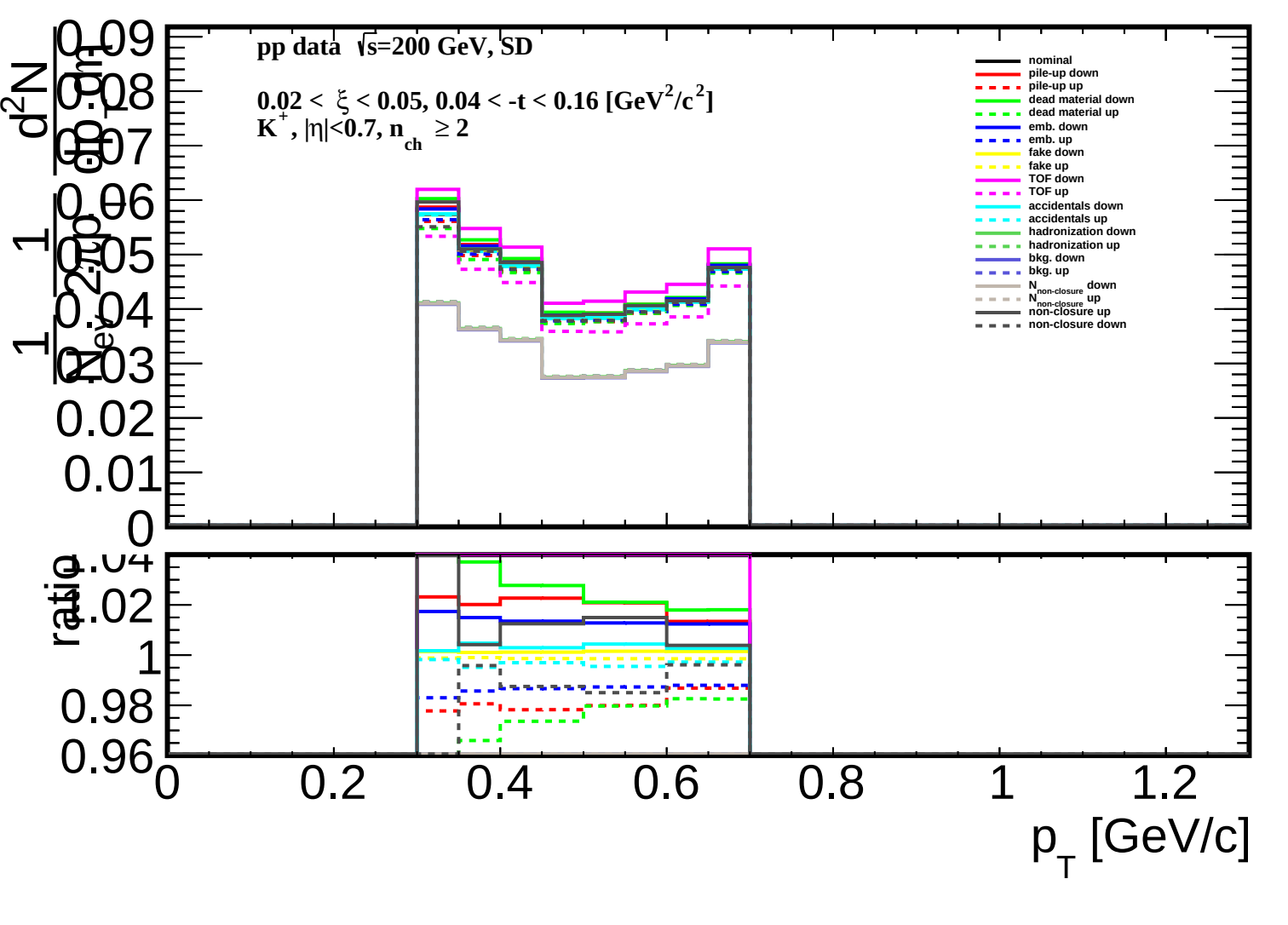
non-closure down
1/N_ev 1/2πp_T d²N/dp_T dη
ratio
p_T [GeV/c]


pp data √s=200 GeV, SD
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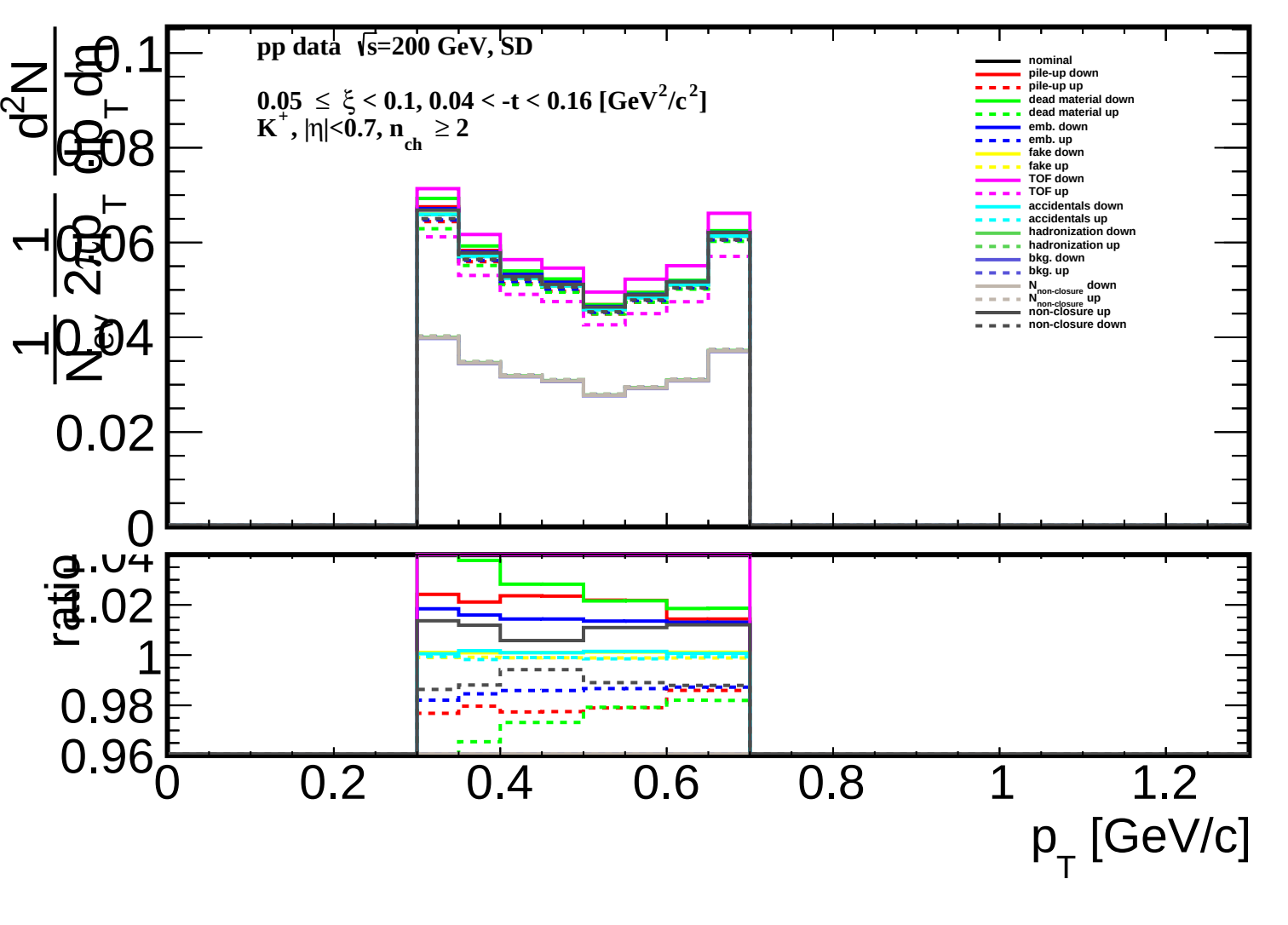
bkg. down
bkg. up
N non-closure down
N non-closure up
non-closure up
non-closure down
d²N / dp_T dη
1/N_ev 1/2π p_T
ratio
p_T [GeV/c]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emb. up
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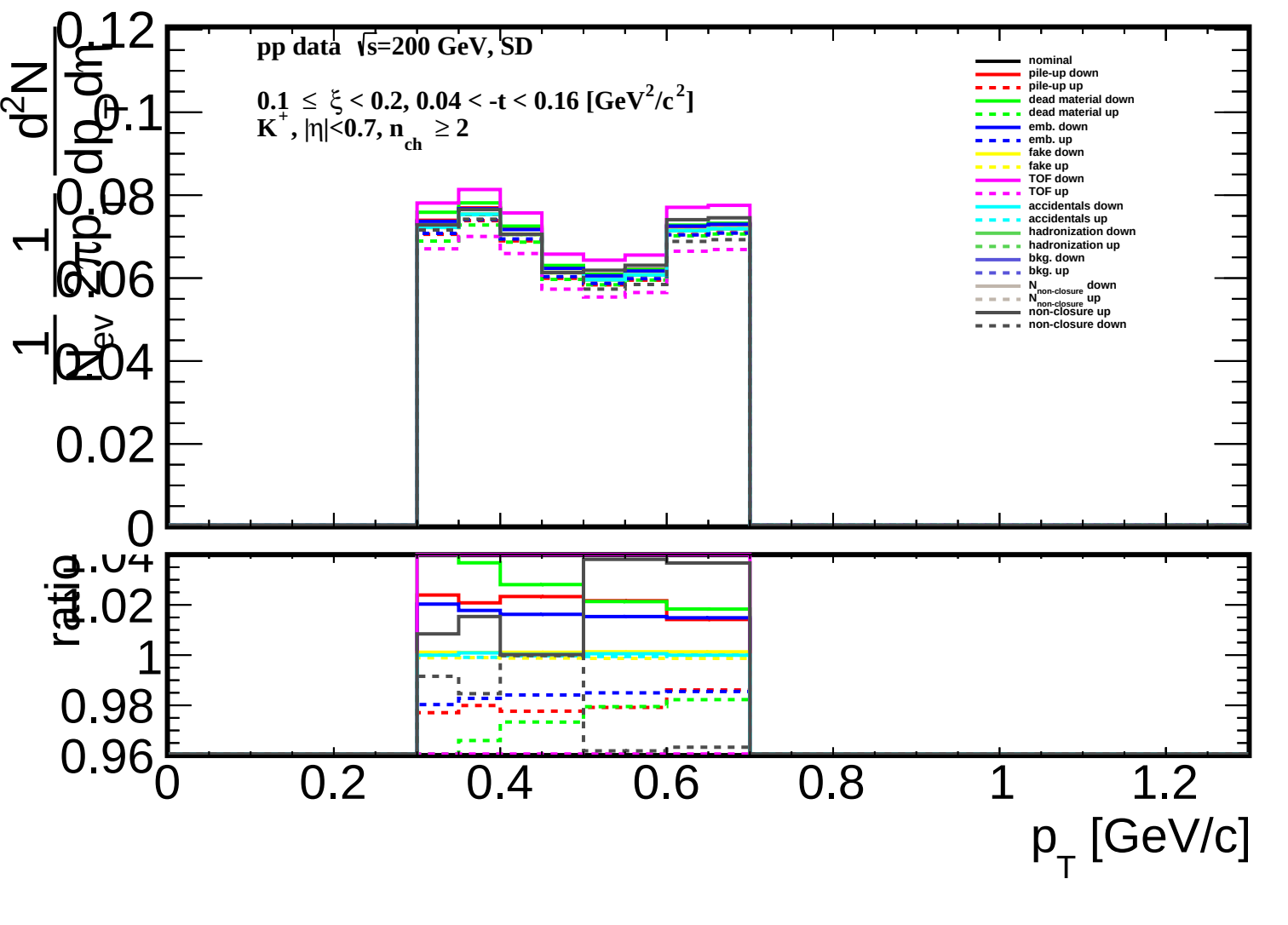
accidentals down
accidentals up
hadronization down
hadronization up
bkg. down
bkg. up
N non-closure down
N non-closure up
non-closure up
non-closure down
d²N / dp_T dy
1/N_ev 1/2π p_T
ratio
p_T [GeV/c]


pp data √s=200 GeV, SD
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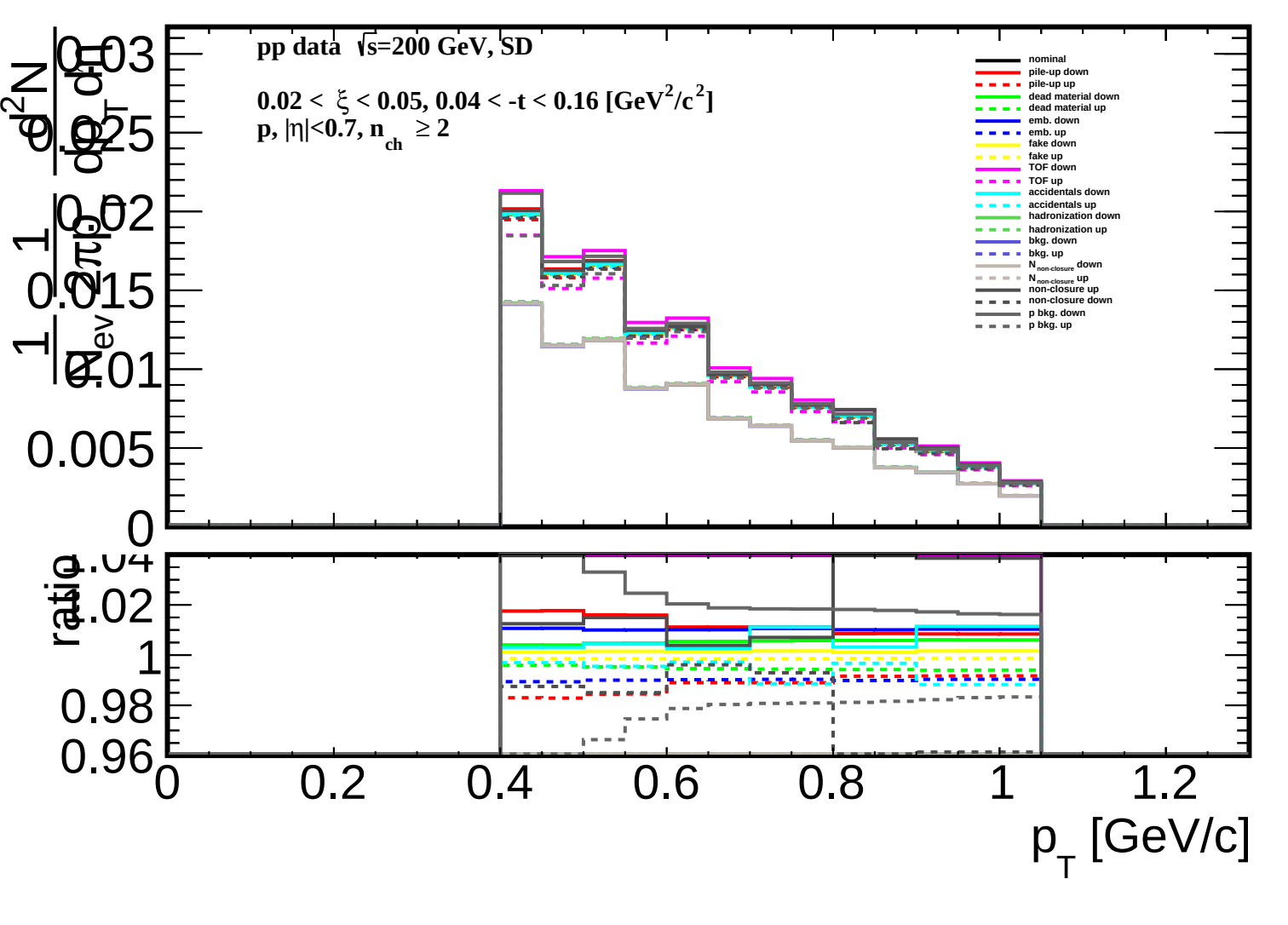
hadronization down
hadronization up
bkg. down
bkg. up
N non-closure down
N non-closure up
non-closure up
non-closure down
1/N_ev d²N/(2πp_T dp_T dη)
ratio
p_T [GeV/c]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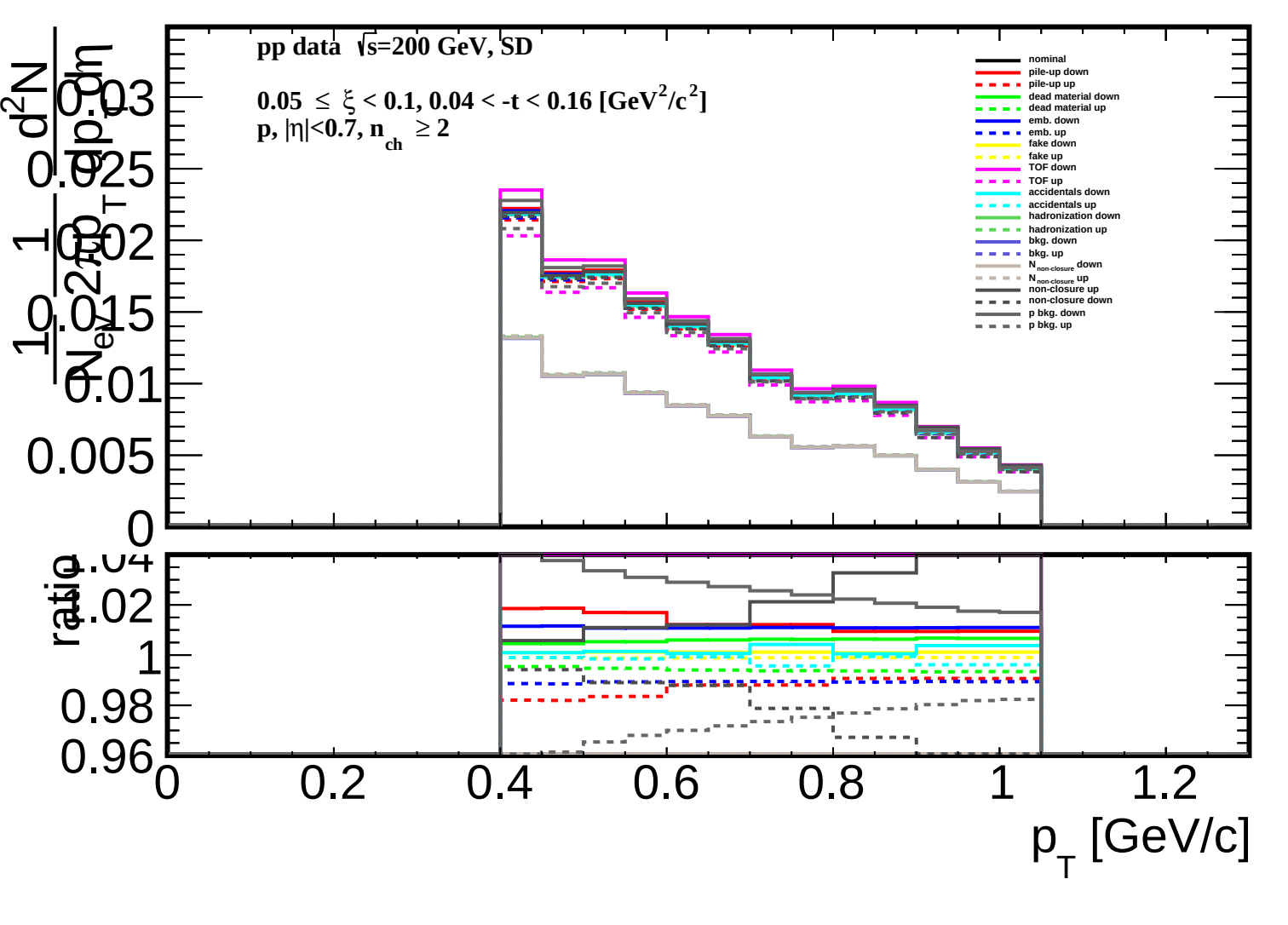
accidentals down
accidentals up
hadronization down
hadronization up
bkg. down
bkg. up
N non-closure down
N non-closure up
non-closure up
non-closure down
p bkg. down
p bkg. up
1/N_ev d²N/dp_T dη
ratio
p_T [GeV/c]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non-closure up
non-closure down
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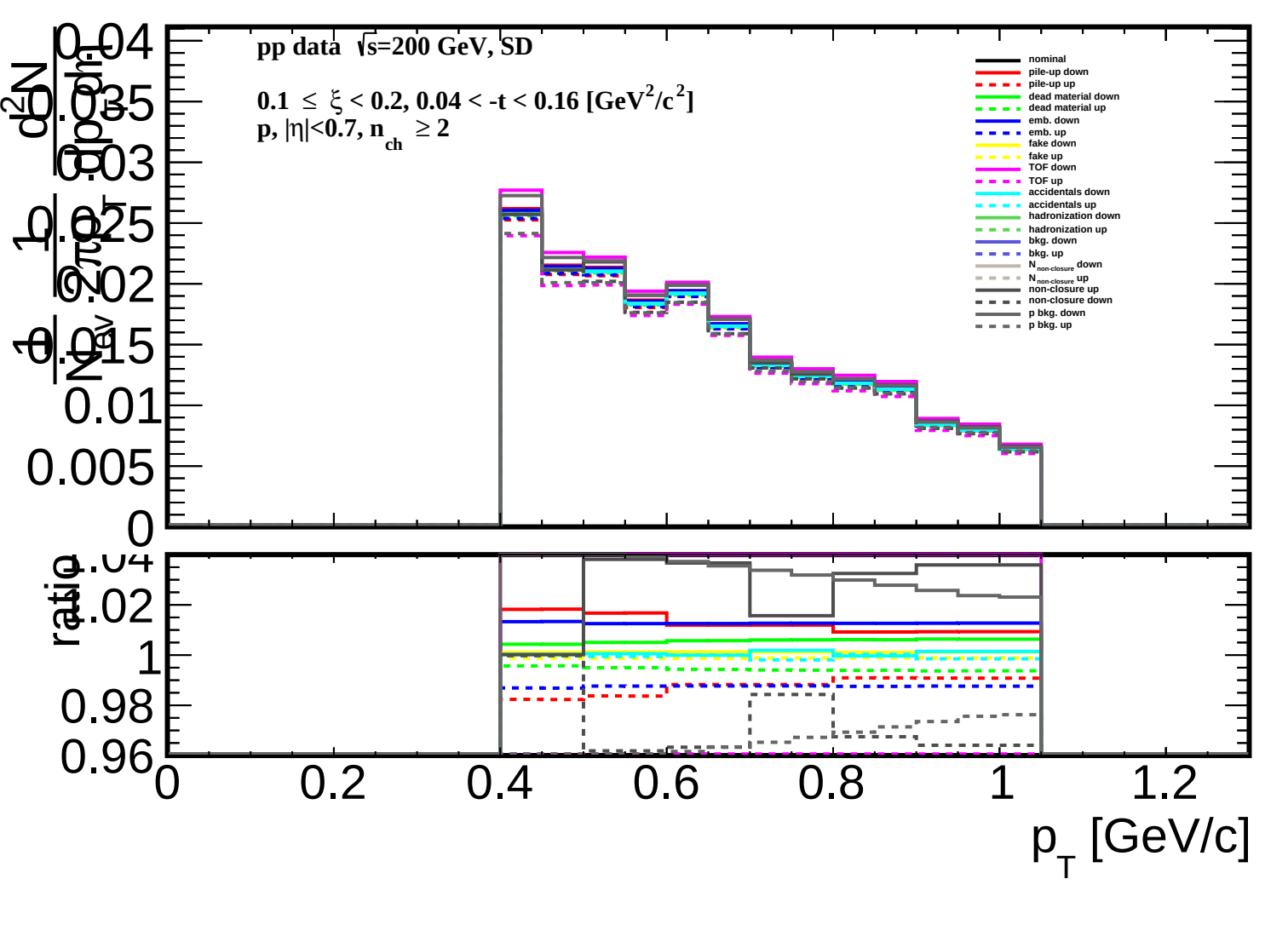
p bkg. up
1/N_ev 1/2πp_T d²N/dp_T dη
ratio
p_T [GeV/c]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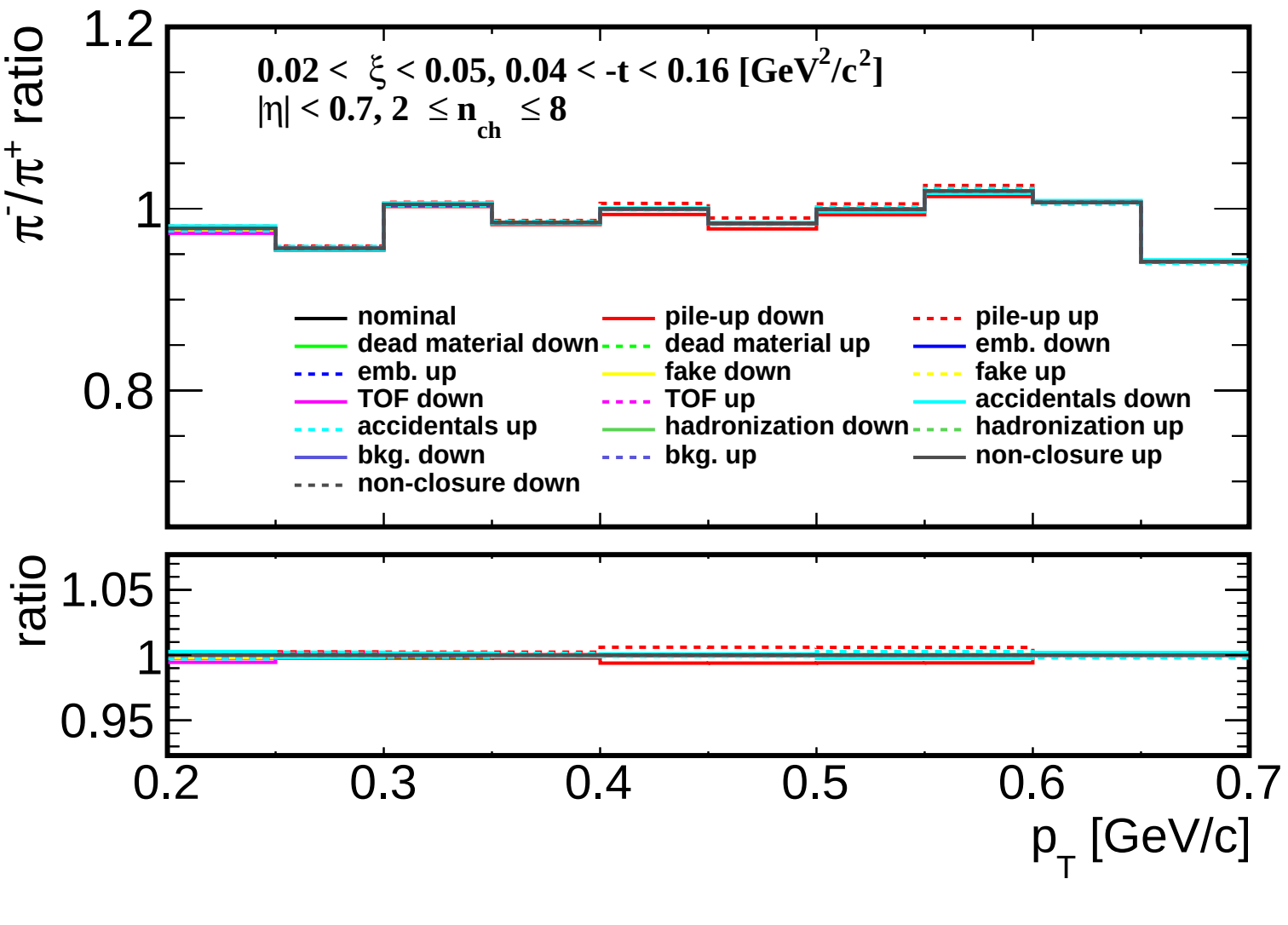
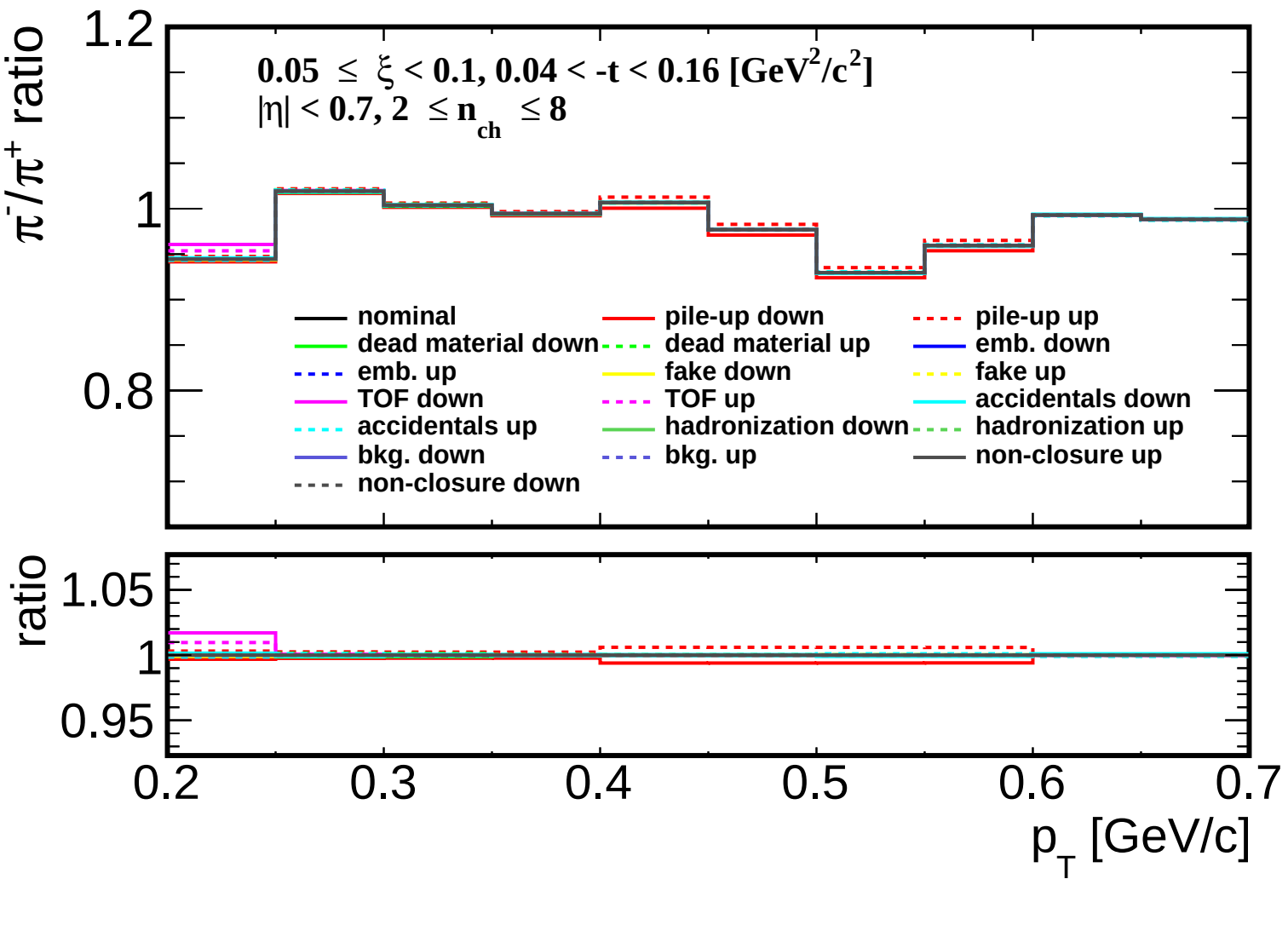
non-closure down
p bkg. down
p bkg. up
d²N / 2πp_T dp_T dη N_ev
ratio
p_T [GeV/c]


π^-/π^+ ratio
1.2
1
0.8
$0.02 < \xi < 0.05$, $0.04 < -t < 0.16$ [GeV^2/c^2]
$|\eta| < 0.7$, $2 \leq n_{ch} \leq 8$
nominal
dead material down
emb. up
TOF down
accidentals up
bkg. down
non-closure down
pile-up down
dead material up
fake down
TOF up
hadronization down
bkg. up
pile-up up
emb. down
fake up
accidentals down
hadronization up
non-closure up
ratio
1.05
1
0.95
0.2
0.3
0.4
0.5
0.6
0.7
p_T [GeV/c]


π^-/π^+ ratio
1.2
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$0.05 \leq \xi < 0.1$, $0.04 < -t < 0.16$ [GeV^2/c^2]
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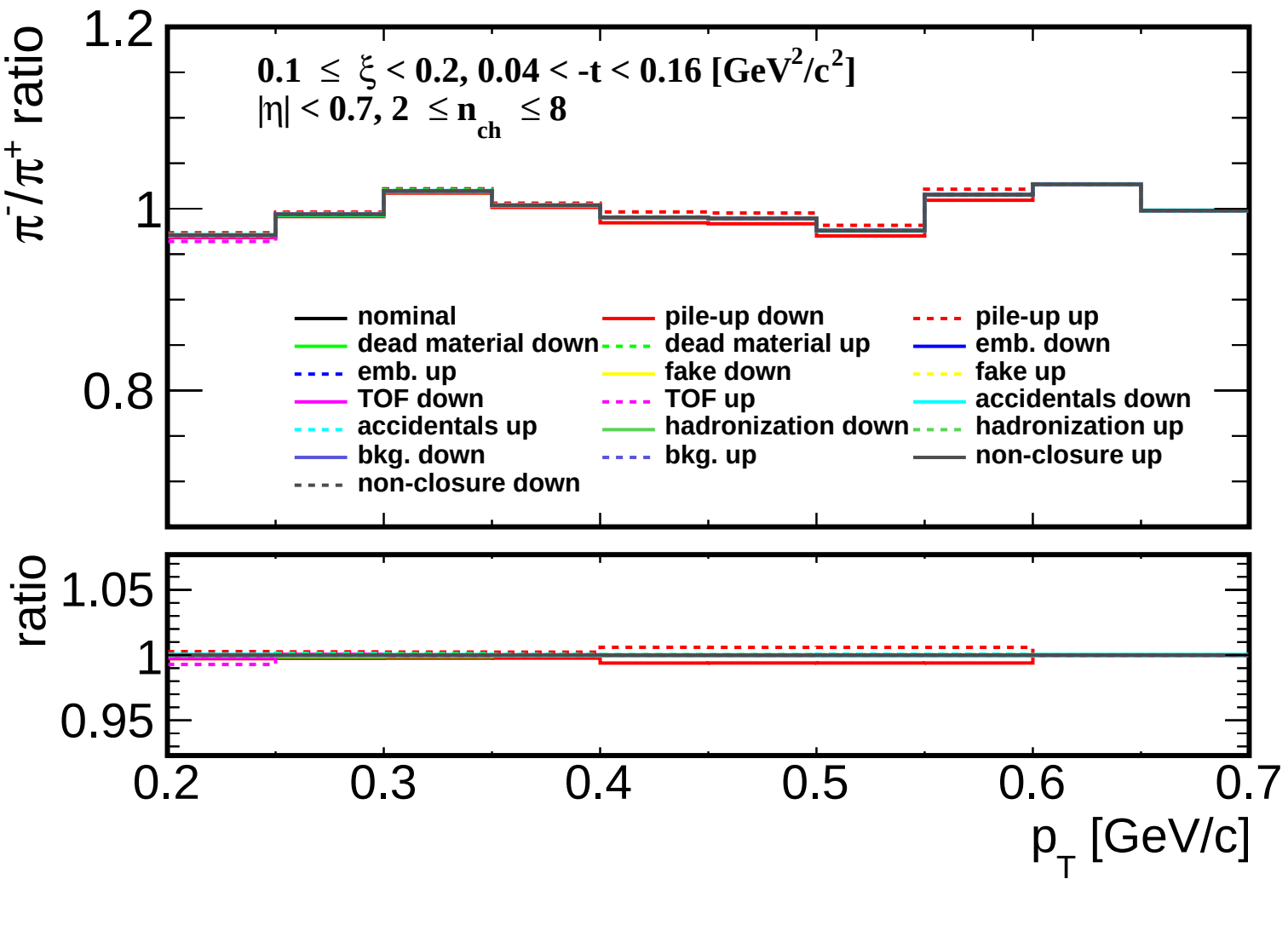
hadronization up
non-closure up
ratio
1.05
1
0.95
0.2
0.3
0.4
0.5
0.6
0.7
p_T [GeV/c]


π^-/π^+ ratio
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$0.1 \leq \xi < 0.2$, $0.04 < -t < 0.16$ [GeV^2/c^2]
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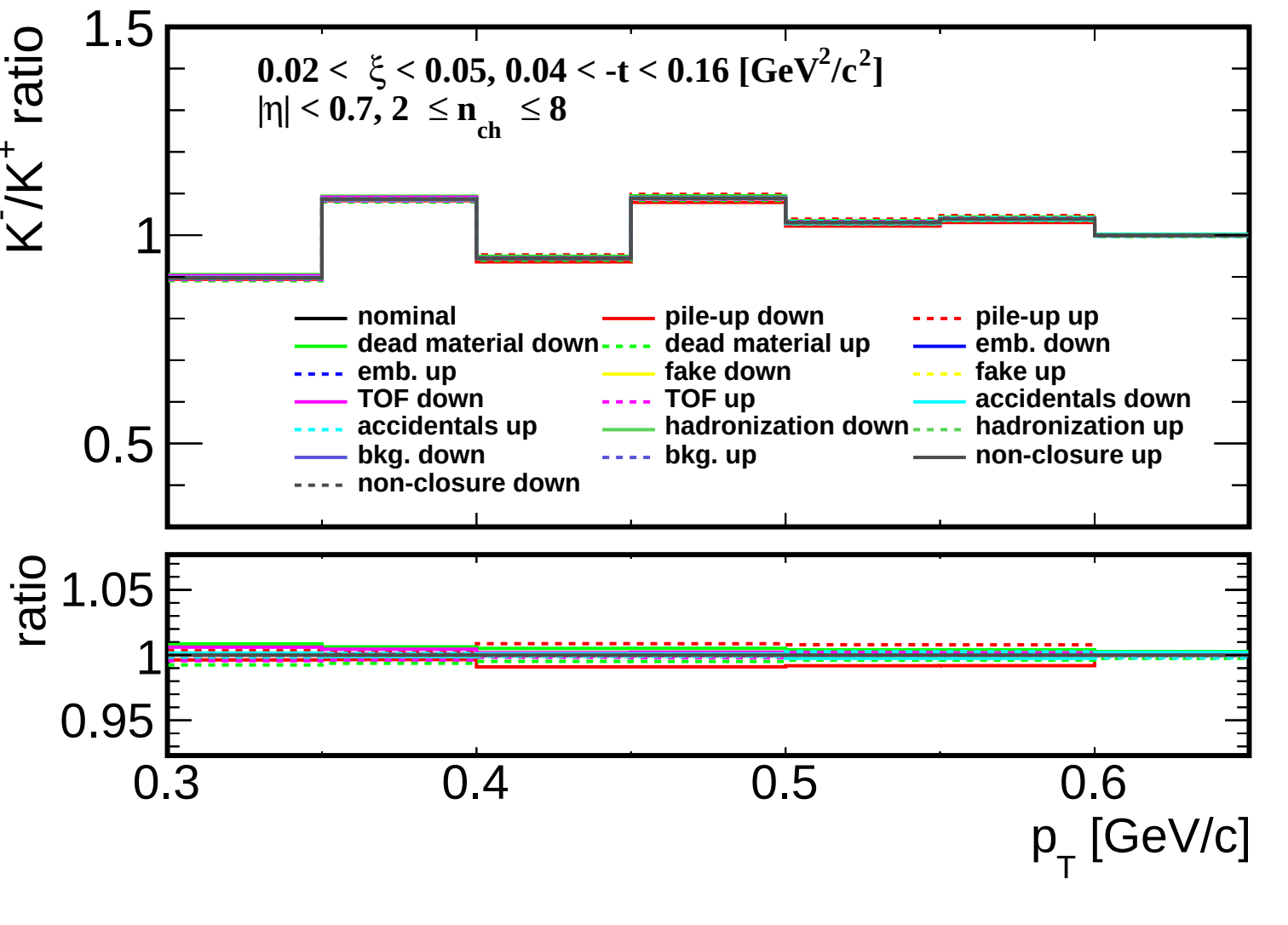
fake up
accidentals down
hadronization up
non-closure up
ratio
1.05
1
0.95
0.2
0.3
0.4
0.5
0.6
0.7
p_T [GeV/c]


0.02 < ξ < 0.05, 0.04 < -t < 0.16 [GeV²/c²]
|η| < 0.7, 2 ≤ n_ch ≤ 8
K⁻/K⁺ ratio
nominal
dead material down
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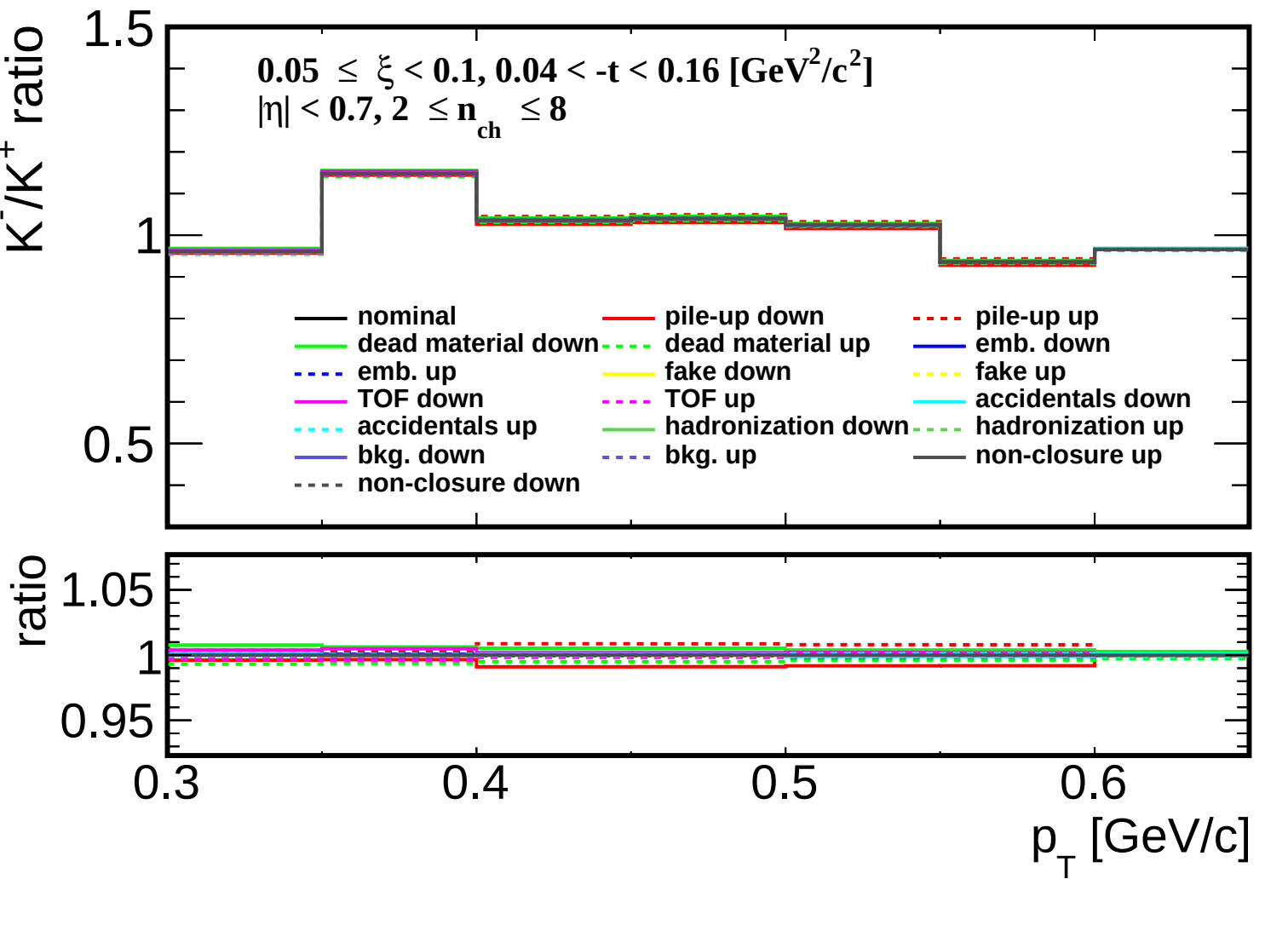
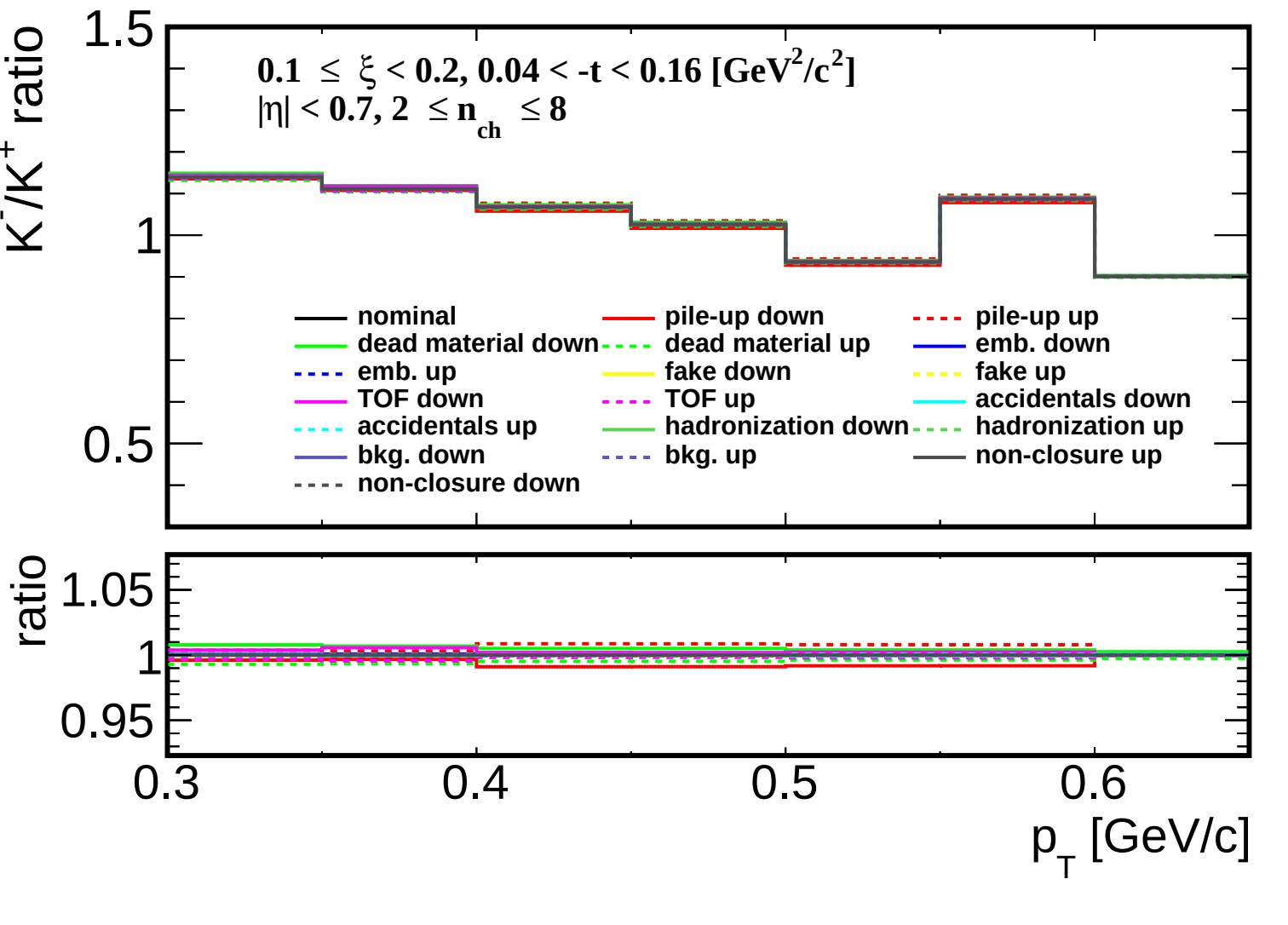
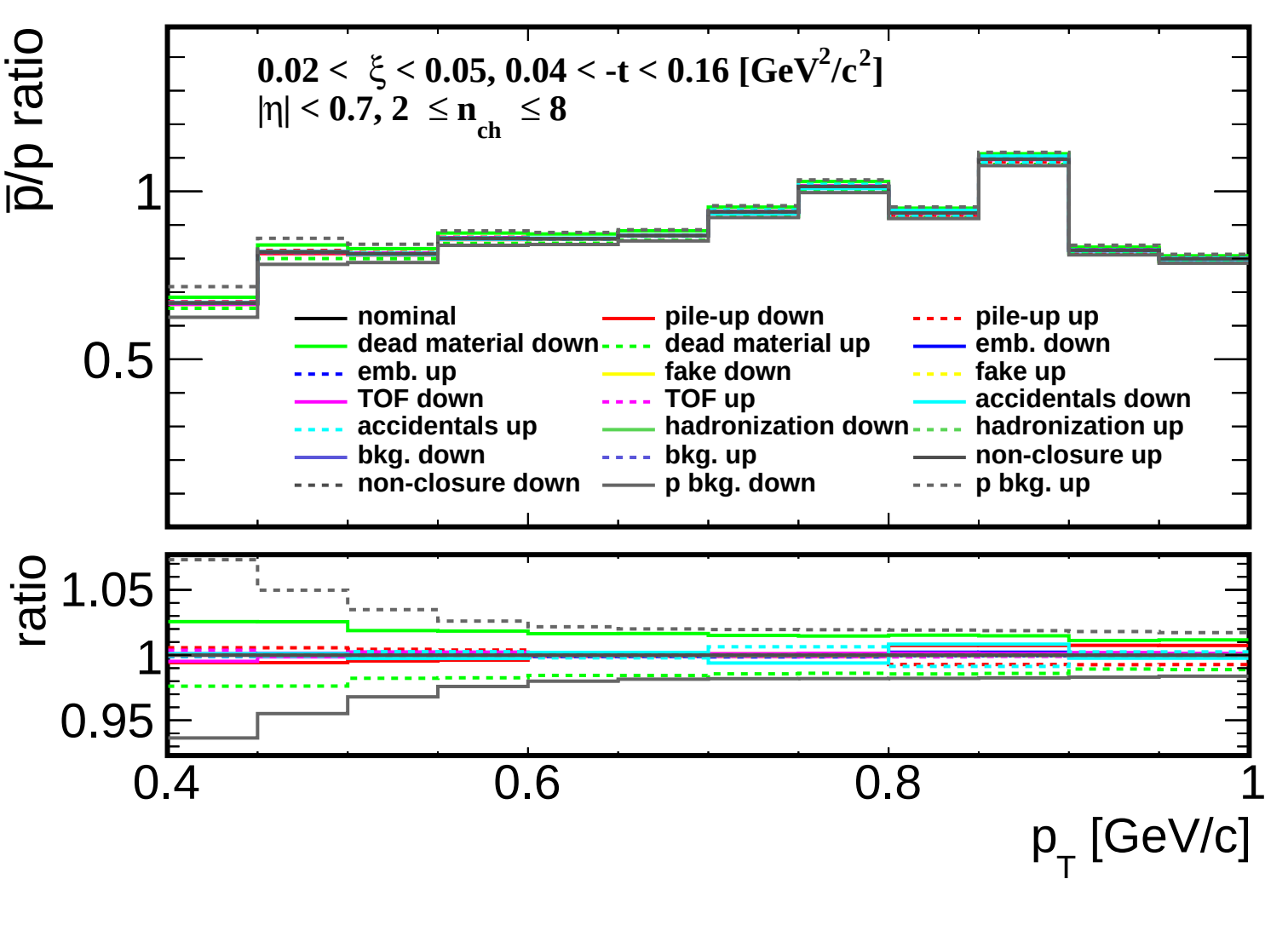
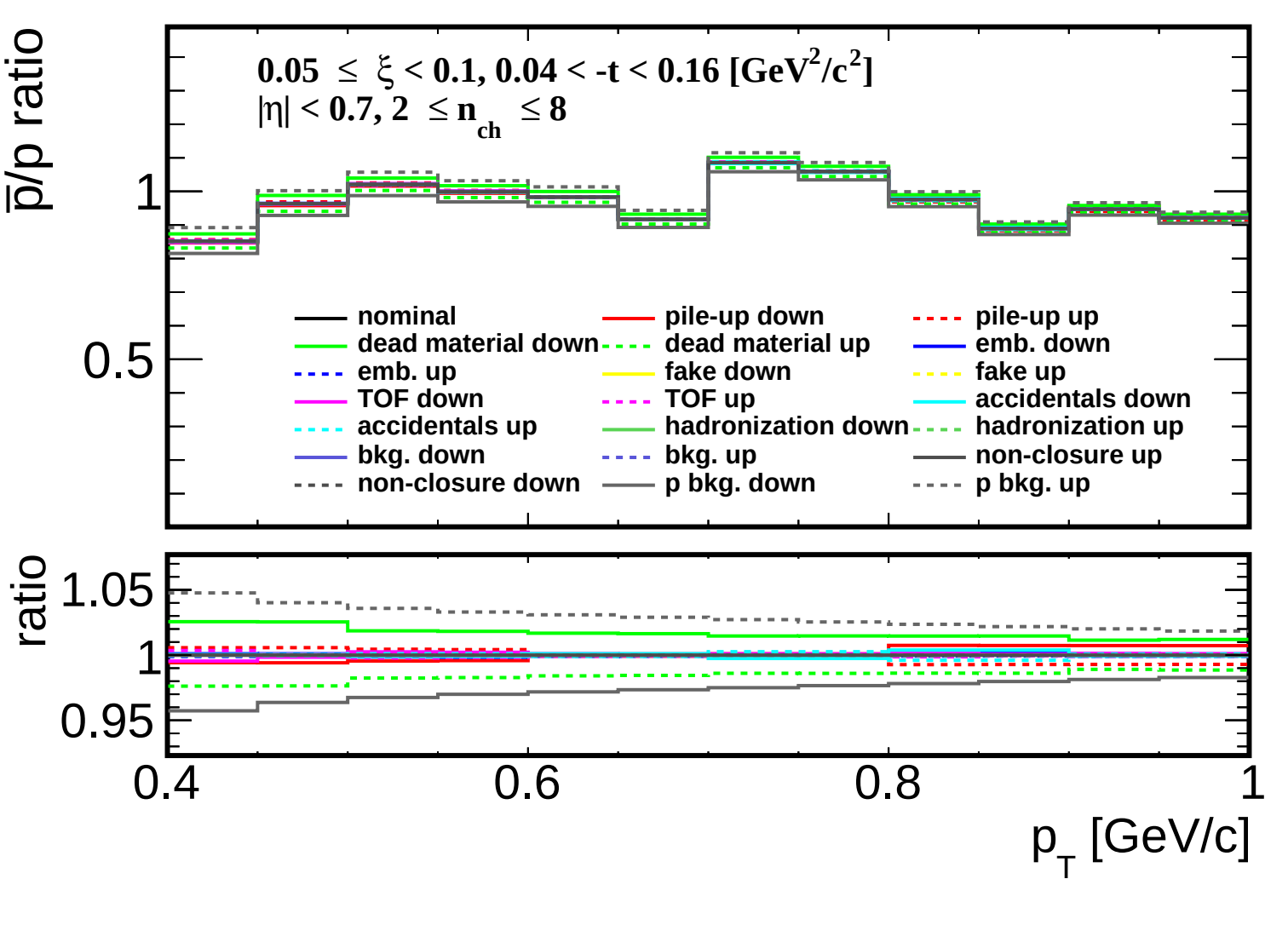
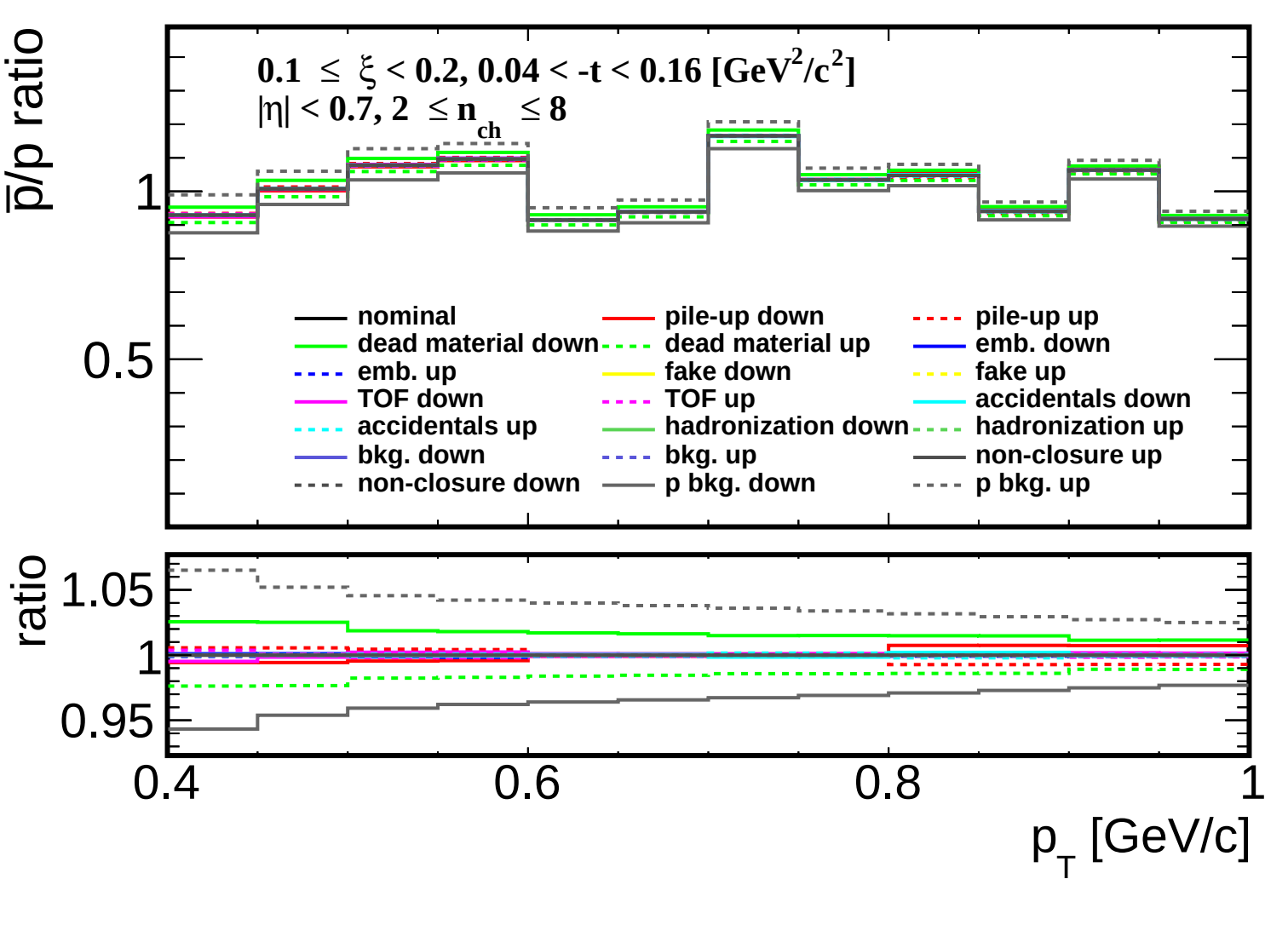
ratio
p_T [GeV/c]


0.05 ≤ ξ < 0.1, 0.04 < -t < 0.16 [GeV²/c²]
|η| < 0.7, 2 ≤ n_ch ≤ 8
K⁻/K⁺ ratio
ratio
p_T [GeV/c]
nominal
dead material down
emb. up
TOF down
accidentals up
bkg. down
non-closure down
pile-up down
dead material up
fake down
TOF up
hadronization down
bkg. up
pile-up up
emb. down
fake up
accidentals down
hadronization up
non-closure up


0.1 ≤ ξ < 0.2, 0.04 < -t < 0.16 [GeV²/c²]
|η| < 0.7, 2 ≤ n_ch ≤ 8
K⁻/K⁺ ratio
1.5
1
0.5
nominal
dead material down
emb. up
TOF down
accidentals up
bkg. down
non-closure down
pile-up down
dead material up
fake down
TOF up
hadronization down
bkg. up
pile-up up
emb. down
fake up
accidentals down
hadronization up
non-closure up
ratio
1.05
1
0.95
0.3
0.4
0.5
0.6
p_T [GeV/c]


$\bar{p}/p$ ratio
$0.02 < \xi < 0.05$, $0.04 < -t < 0.16$ [GeV^2/c^2]
$|\eta| < 0.7$, $2 \leq n_{ch} \leq 8$
nominal
dead material down
emb. up
TOF down
accidentals up
bkg. down
non-closure down
pile-up down
dead material up
fake down
TOF up
hadronization down
bkg. up
p bkg. down
pile-up up
emb. down
fake up
accidentals down
hadronization up
non-closure up
p bkg. up
ratio
1.05
1
0.95
0.5
1
0.4
0.6
0.8
1
p_T [GeV/c]


$\bar{p}/p$ ratio
$0.05 \leq \xi < 0.1$, $0.04 < -t < 0.16$ [GeV^2/c^2]
$|\eta| < 0.7$, $2 \leq n_{ch} \leq 8$
nominal
dead material down
emb. up
TOF down
accidentals up
bkg. down
non-closure down
pile-up down
dead material up
fake down
TOF up
hadronization down
bkg. up
p bkg. down
pile-up up
emb. down
fake up
accidentals down
hadronization up
non-closure up
p bkg. up
ratio
p_T [GeV/c]


$0.1 \leq \xi < 0.2$, $0.04 < -t < 0.16$ [GeV^2/c^2]
$|\eta| < 0.7$, $2 \leq n_{ch} \leq 8$
nominal
dead material down
emb. up
TOF down
accidentals up
bkg. down
non-closure down
pile-up down
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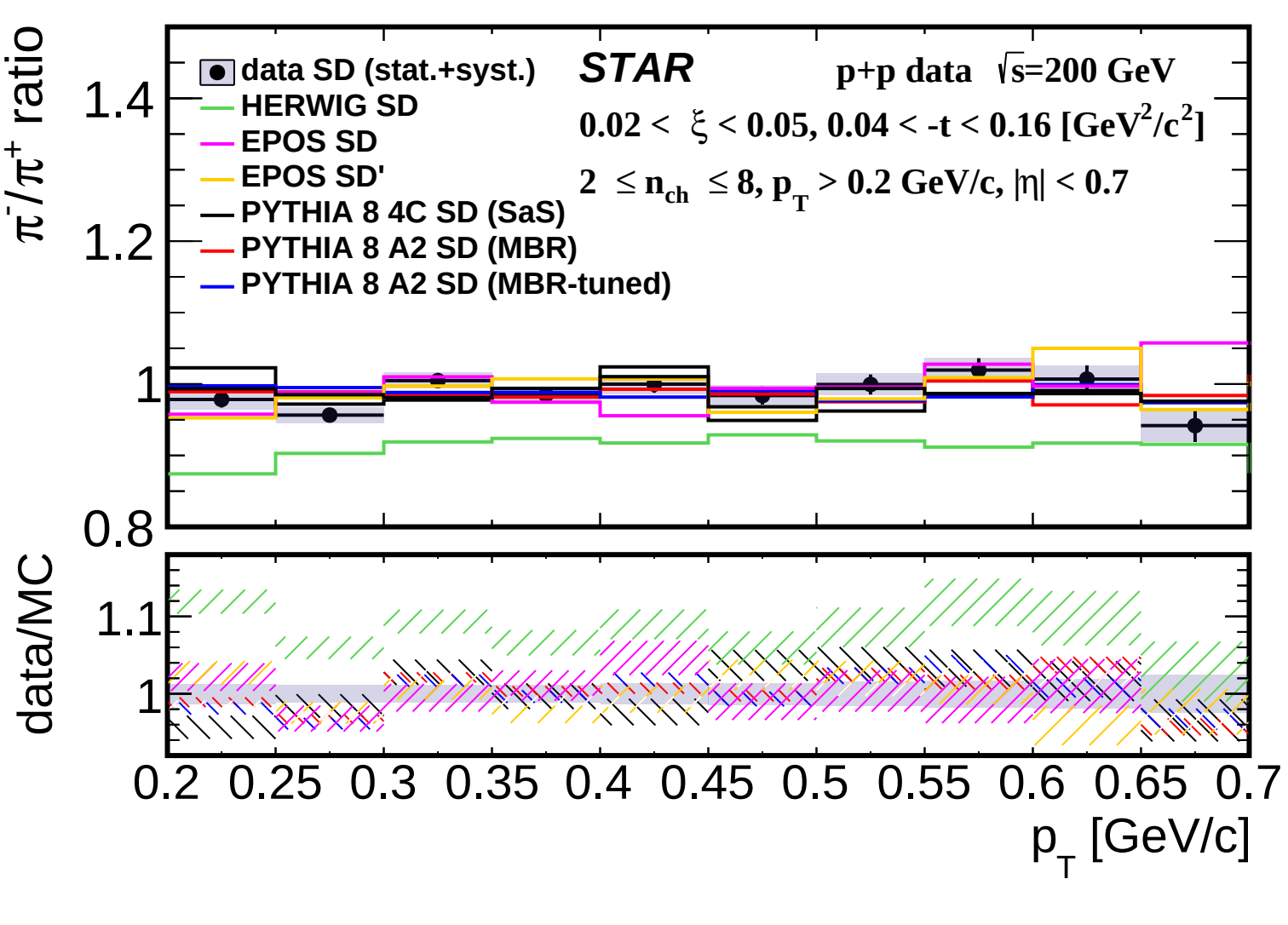
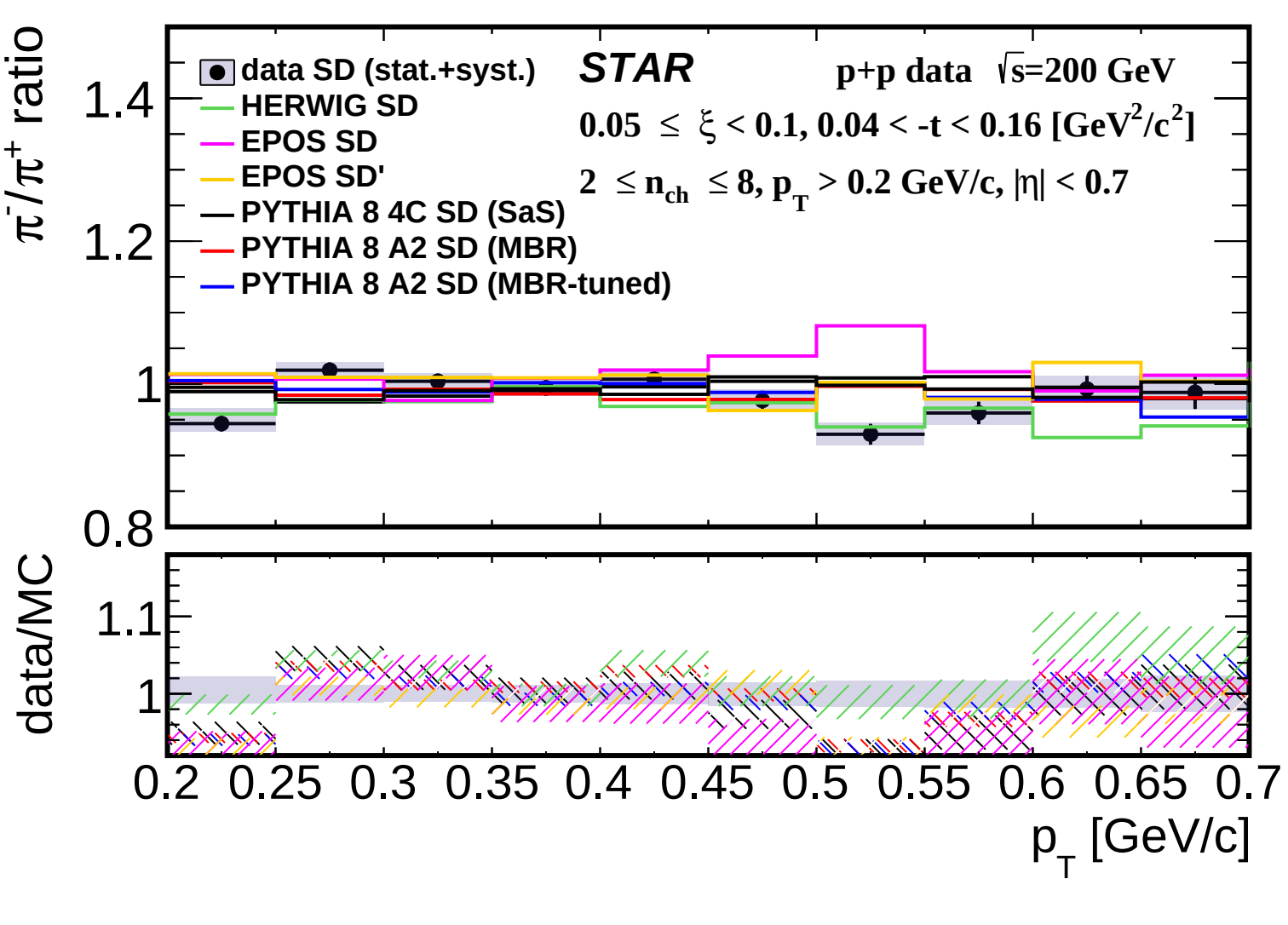
fake down
TOF up
hadronization down
bkg. up
p bkg. down
pile-up up
emb. down
fake up
accidentals down
hadronization up
non-closure up
p bkg. up
$\bar{p}/p$ ratio
ratio
p_T [GeV/c]


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)
STAR
p+p data √s=200 GeV
0.02 < ξ < 0.05, 0.04 < -t < 0.16 [GeV²/c²]
2 ≤ n_ch ≤ 8, p_T > 0.2 GeV/c, |η| < 0.7
π⁻/π⁺ ratio
data/MC
p_T [GeV/c]


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)
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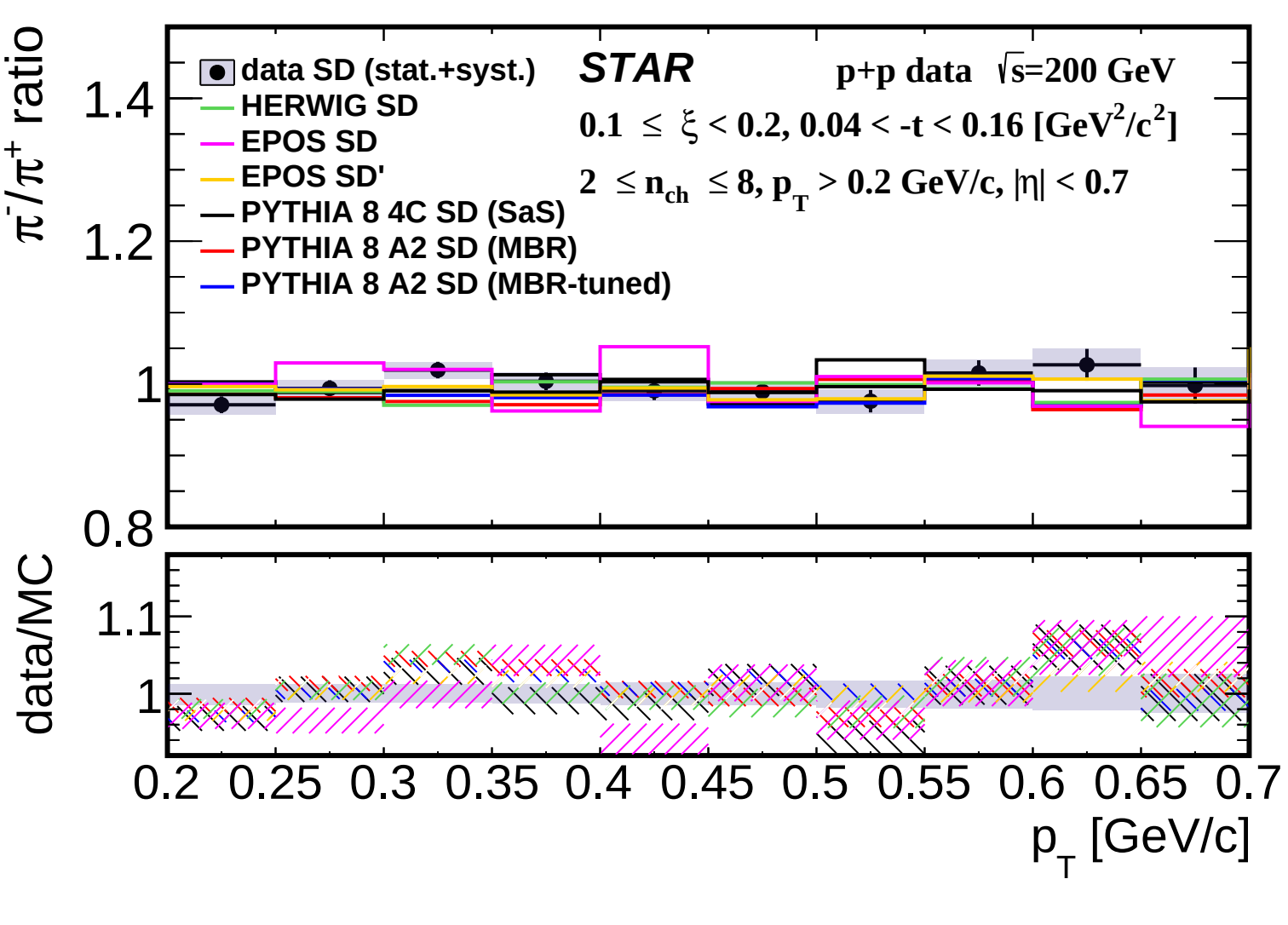
p+p data √s=200 GeV
0.05 ≤ ξ < 0.1, 0.04 < -t < 0.16 [GeV²/c²]
2 ≤ n_ch ≤ 8, p_T > 0.2 GeV/c, |η| < 0.7
π⁻/π⁺ ratio
data/MC
p_T [GeV/c]


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)
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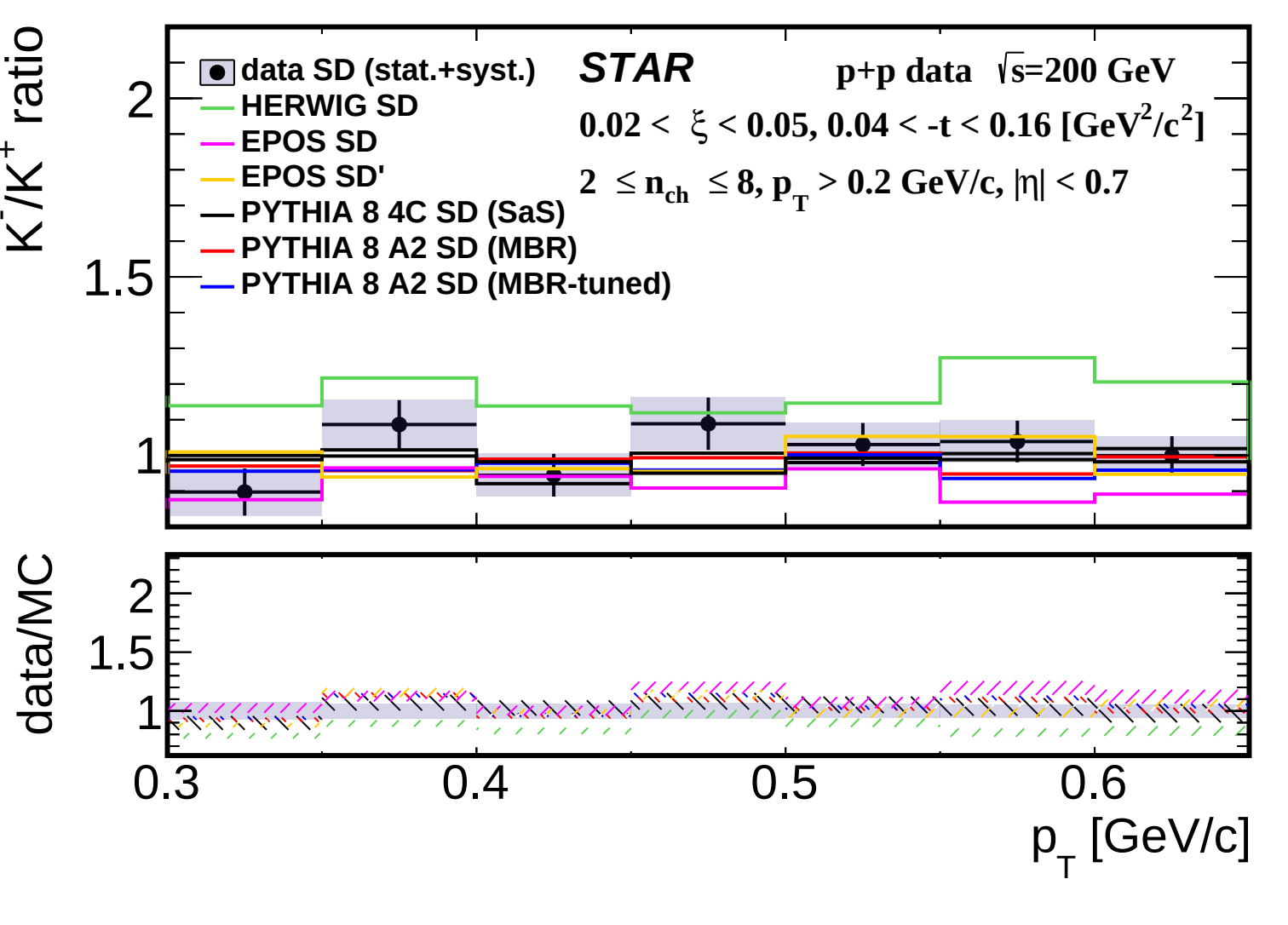
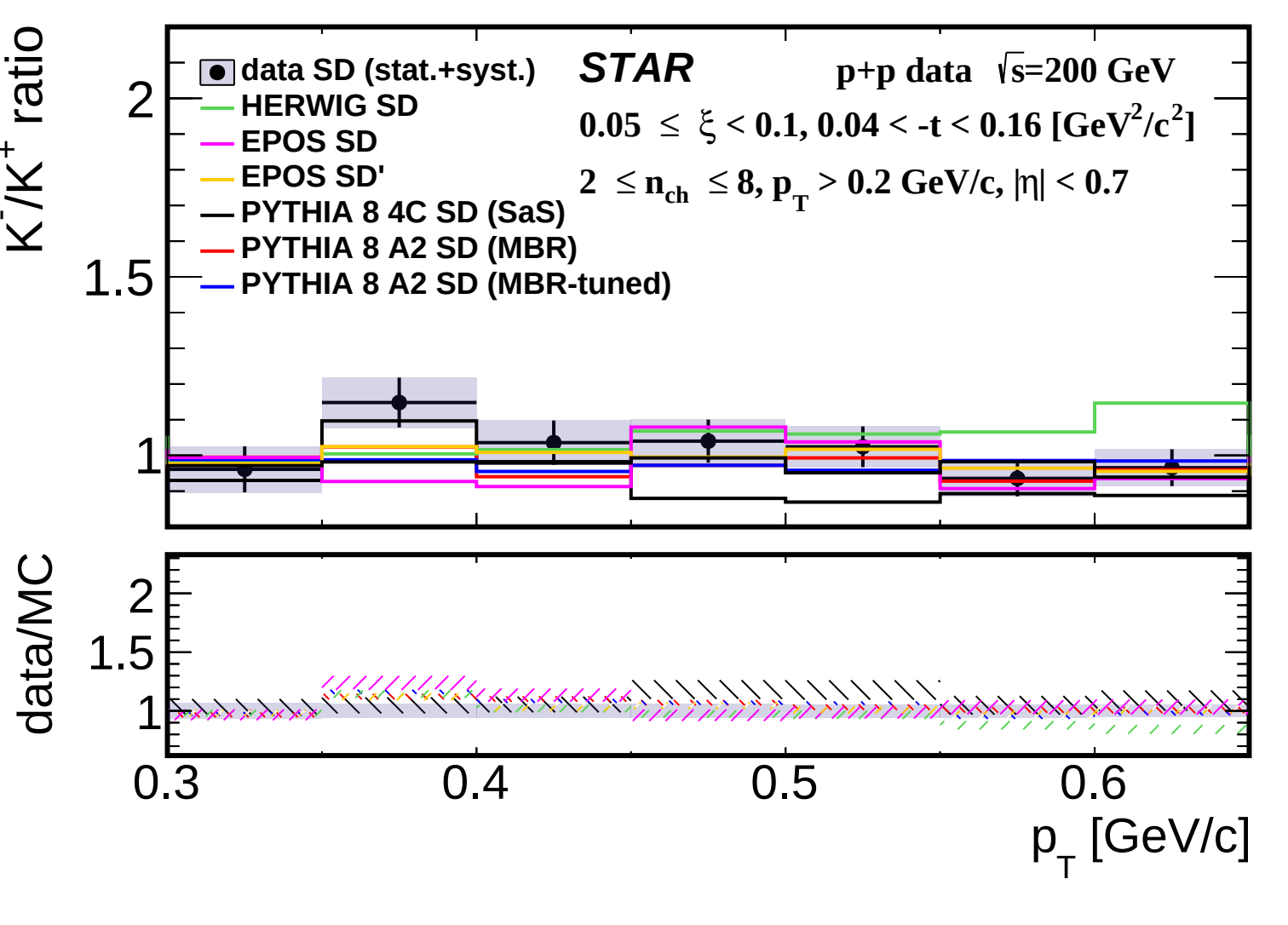
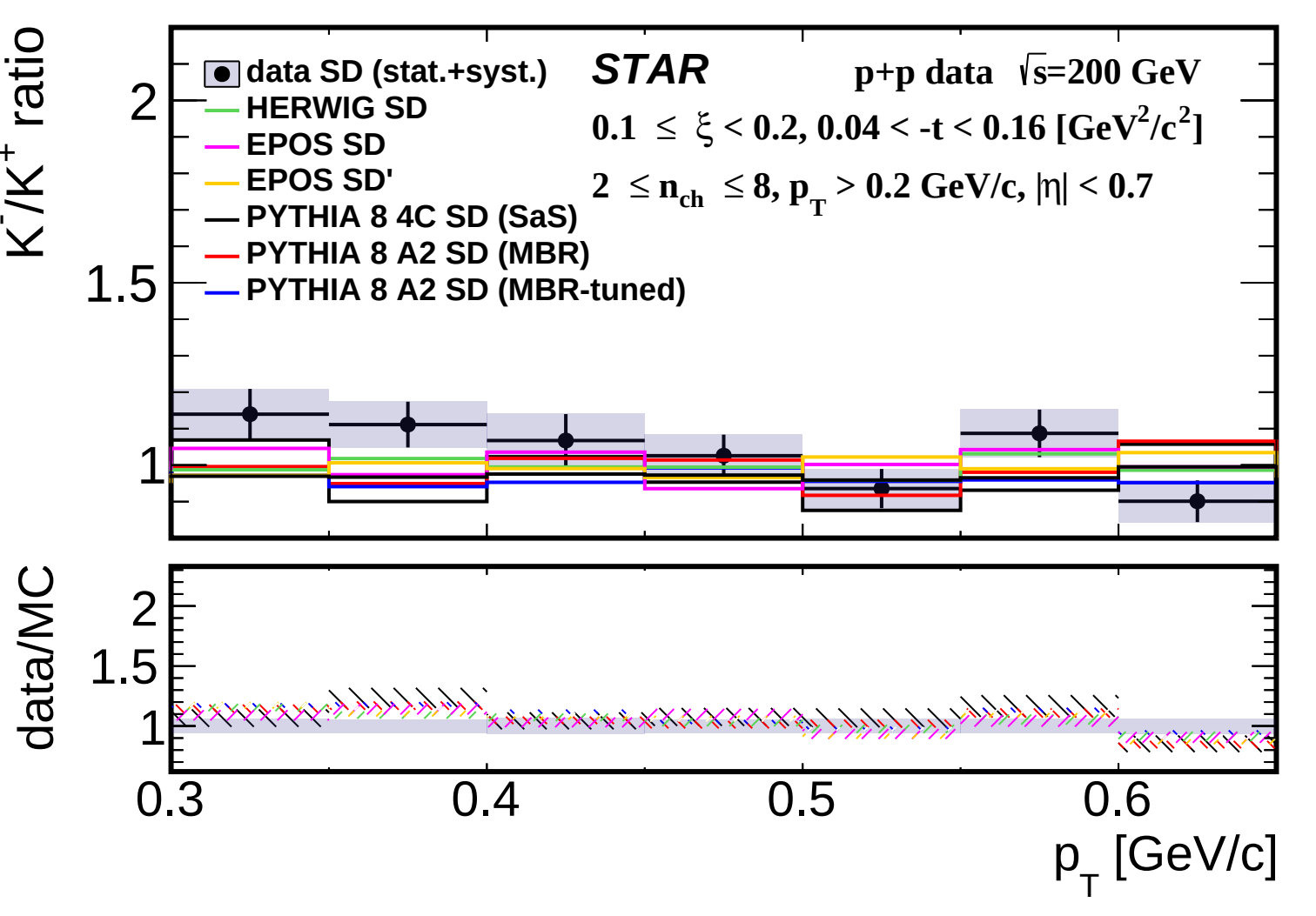
0.1 ≤ ξ < 0.2, 0.04 < -t < 0.16 [GeV²/c²]
2 ≤ n_ch ≤ 8, p_T > 0.2 GeV/c, |η| < 0.7
π⁻/π⁺ ratio
data/MC
p_T [GeV/c]


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)
STAR
p+p data √s=200 GeV
0.02 < ξ < 0.05, 0.04 < -t < 0.16 [GeV²/c²]
2 ≤ n_ch ≤ 8, p_T > 0.2 GeV/c, |η| < 0.7
K⁻/K⁺ ratio
data/MC
p_T [GeV/c]
0.3
0.4
0.5
0.6
1
1.5
2


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)
STAR
p+p data √s=200 GeV
0.05 ≤ ξ < 0.1, 0.04 < -t < 0.16 [GeV²/c²]
2 ≤ n_ch ≤ 8, p_T > 0.2 GeV/c, |η| < 0.7
K⁻/K⁺ ratio
data/MC
p_T [GeV/c]
0.3
0.4
0.5
0.6
1
1.5
2


data SD (stat.+syst.)
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EPOS SD
EPOS SD'
PYTHIA 8 4C SD (SaS)
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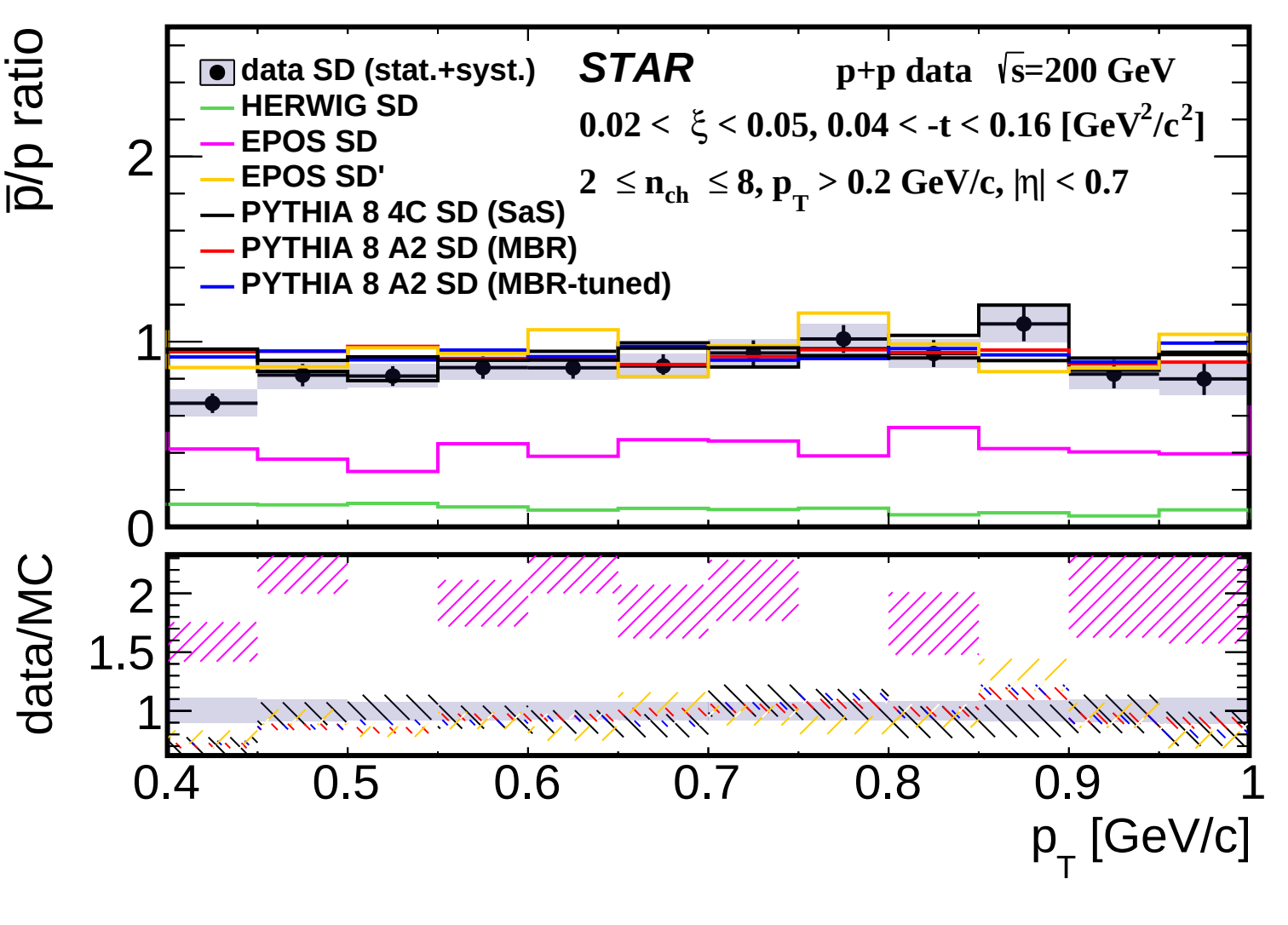
2 ≤ n_ch ≤ 8, p_T > 0.2 GeV/c, |η| < 0.7
K⁻/K⁺ ratio
data/MC
p_T [GeV/c]
0.3
0.4
0.5
0.6
1
1.5
2


data SD (stat.+syst.)
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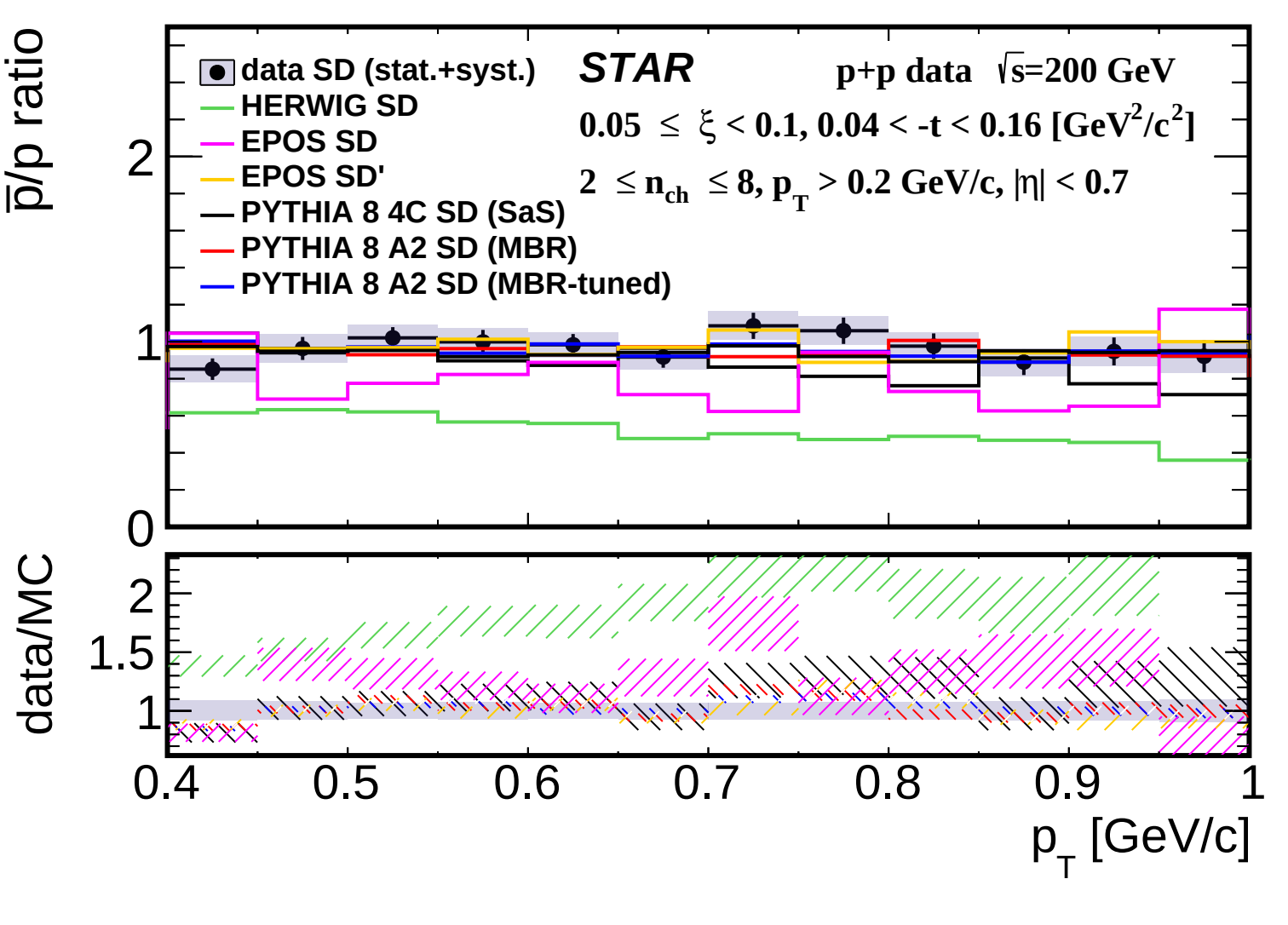
2 ≤ n_ch ≤ 8, p_T > 0.2 GeV/c, |η| < 0.7
p̄/p ratio
data/MC
p_T [GeV/c]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EPOS SD
EPOS SD'
PYTHIA 8 4C SD (SaS)
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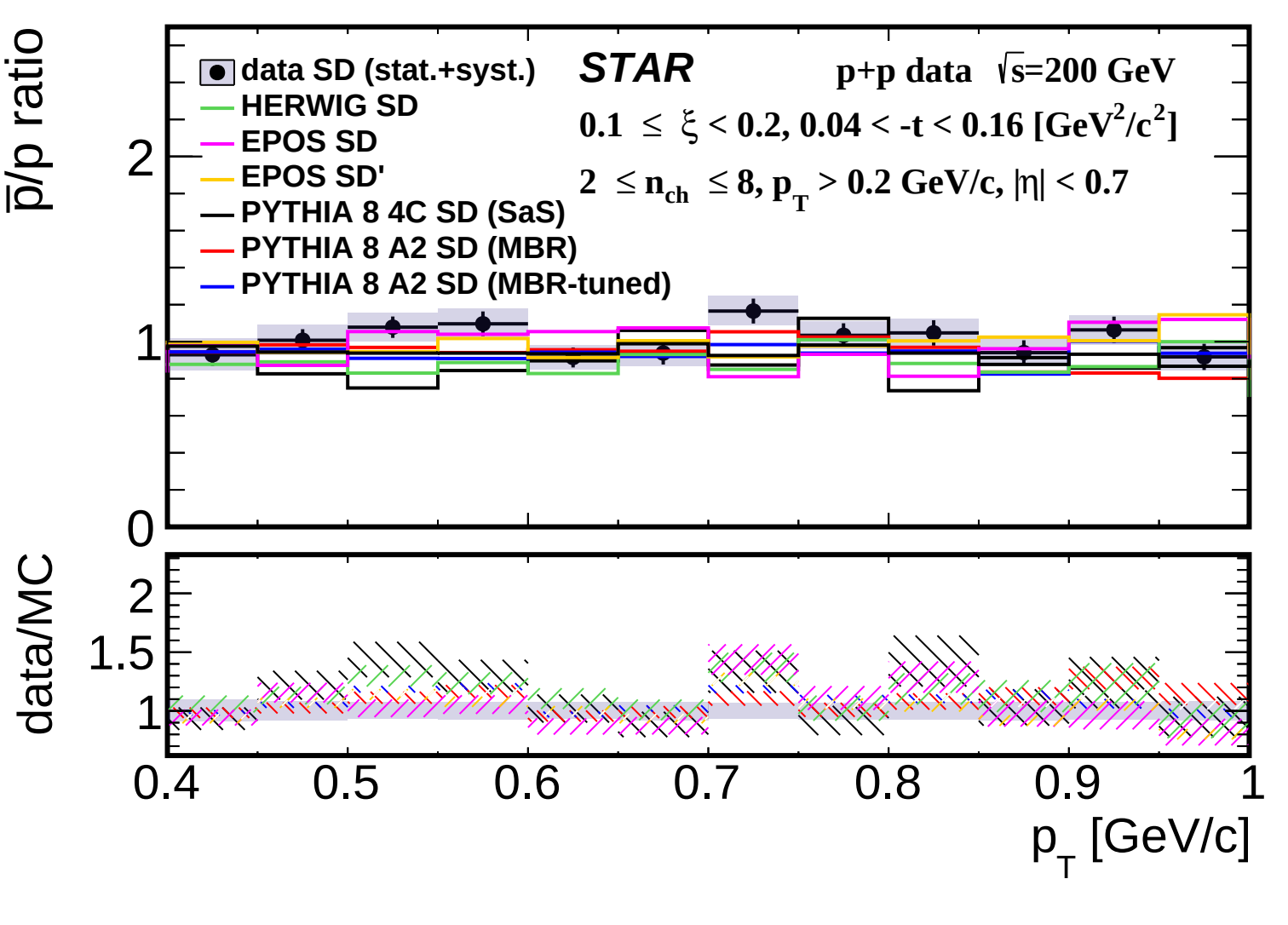
p̄/p ratio
data/MC
p_T [GeV/c]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p̄/p ratio
data/MC
p_T [GeV/c]