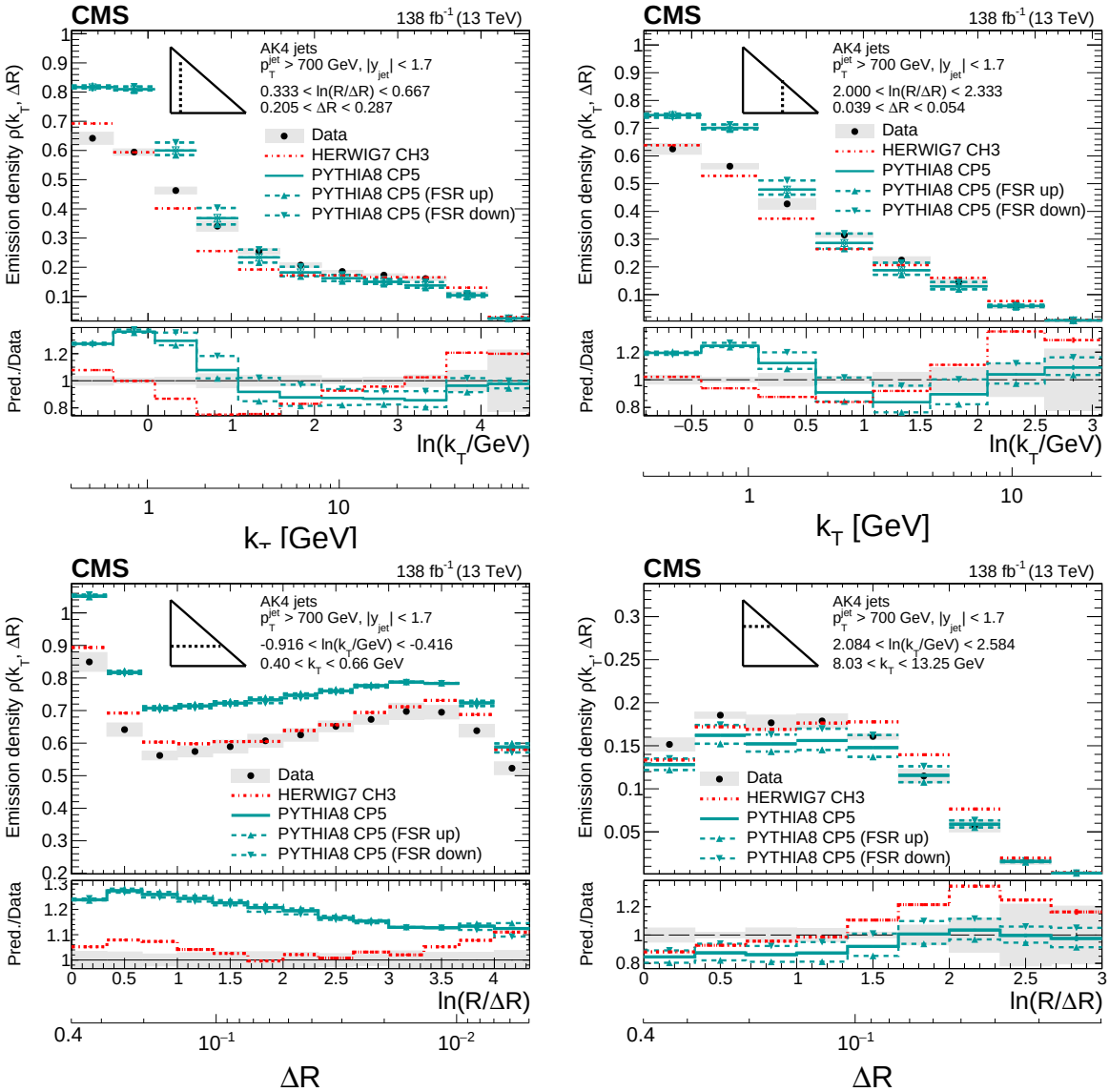
CMS
138 fb^{-1} (13 TeV)
AK4 jets
p_T^{jet} > 700 GeV, $|y_{jet}|$ < 1.7
0.333 < ln(R/ΔR) < 0.667
0.205 < ΔR < 0.287
Data
HERWIG7 CH3
PYTHIA8 CP5
PYTHIA8 CP5 (FSR up)
PYTHIA8 CP5 (FSR down)
Emission density ρ(k_T, ΔR)
Pred./Data
ln(k_T/GeV)
k_T [GeV]
CMS
138 fb^{-1} (13 TeV)
AK4 jets
p_T^{jet} > 700 GeV, $|y_{jet}|$ < 1.7
2.000 < ln(R/ΔR) < 2.333
0.039 < ΔR < 0.054
Data
HERWIG7 CH3
PYTHIA8 CP5
PYTHIA8 CP5 (FSR up)
PYTHIA8 CP5 (FSR down)
Emission density ρ(k_T, ΔR)
Pred./Data
ln(k_T/GeV)
k_T [GeV]
CMS
138 fb^{-1} (13 TeV)
AK4 jets
p_T^{jet} > 700 GeV, $|y_{jet}|$ < 1.7
-0.916 < ln(k_T/GeV) < -0.416
0.40 < k_T < 0.66 GeV
Data
HERWIG7 CH3
PYTHIA8 CP5
PYTHIA8 CP5 (FSR up)
PYTHIA8 CP5 (FSR down)
Emission density ρ(k_T, ΔR)
Pred./Data
ln(R/ΔR)
ΔR
CMS
138 fb^{-1} (13 TeV)
AK4 jets
p_T^{jet} > 700 GeV, $|y_{jet}|$ < 1.7
2.084 < ln(k_T/GeV) < 2.584
8.03 < k_T < 13.25 GeV
Data
HERWIG7 CH3
PYTHIA8 CP5
PYTHIA8 CP5 (FSR up)
PYTHIA8 CP5 (FSR down)
Emission density ρ(k_T, ΔR)
Pred./Data
ln(R/ΔR)
ΔR