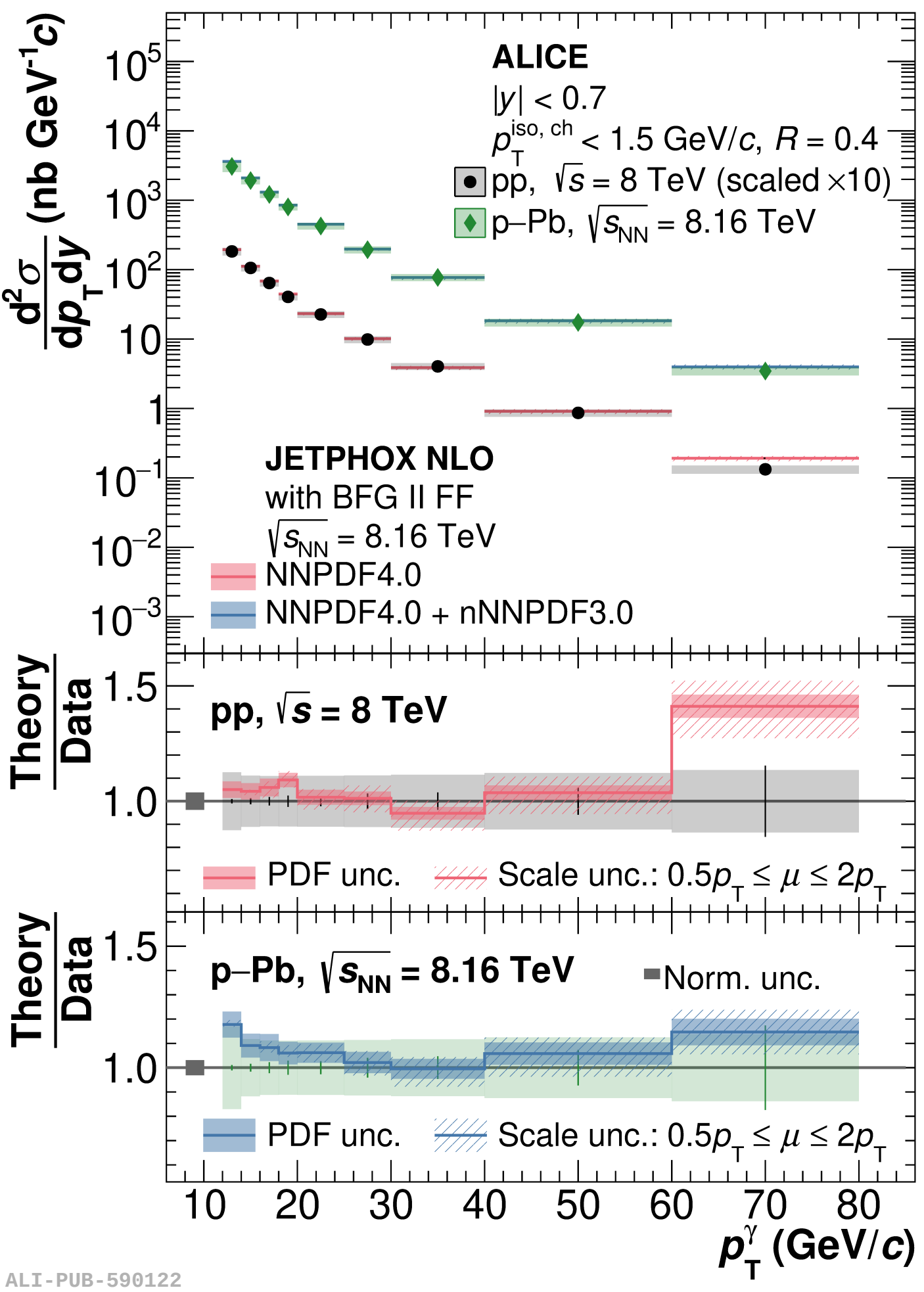
ALICE
$|y| < 0.7$
$p_T^{iso,\,ch} < 1.5$ GeV/c, $R = 0.4$
pp, $\sqrt{s} = 8$ TeV (scaled ×10)
p–Pb, $\sqrt{s_{NN}} = 8.16$ TeV
$\frac{d^2\sigma}{dp_T dy}$ (nb GeV^{-1}c)
JETPHOX NLO
with BFG II FF
$\sqrt{s_{NN}} = 8.16$ TeV
NNPDF4.0
NNPDF4.0 + nNNPDF3.0
Theory / Data
pp, $\sqrt{s} = 8$ TeV
PDF unc.
Scale unc.: $0.5p_T \le \mu \le 2p_T$
p–Pb, $\sqrt{s_{NN}} = 8.16$ TeV
Norm. unc.
p_T^{γ} (GeV/c)
ALI-PUB-590122