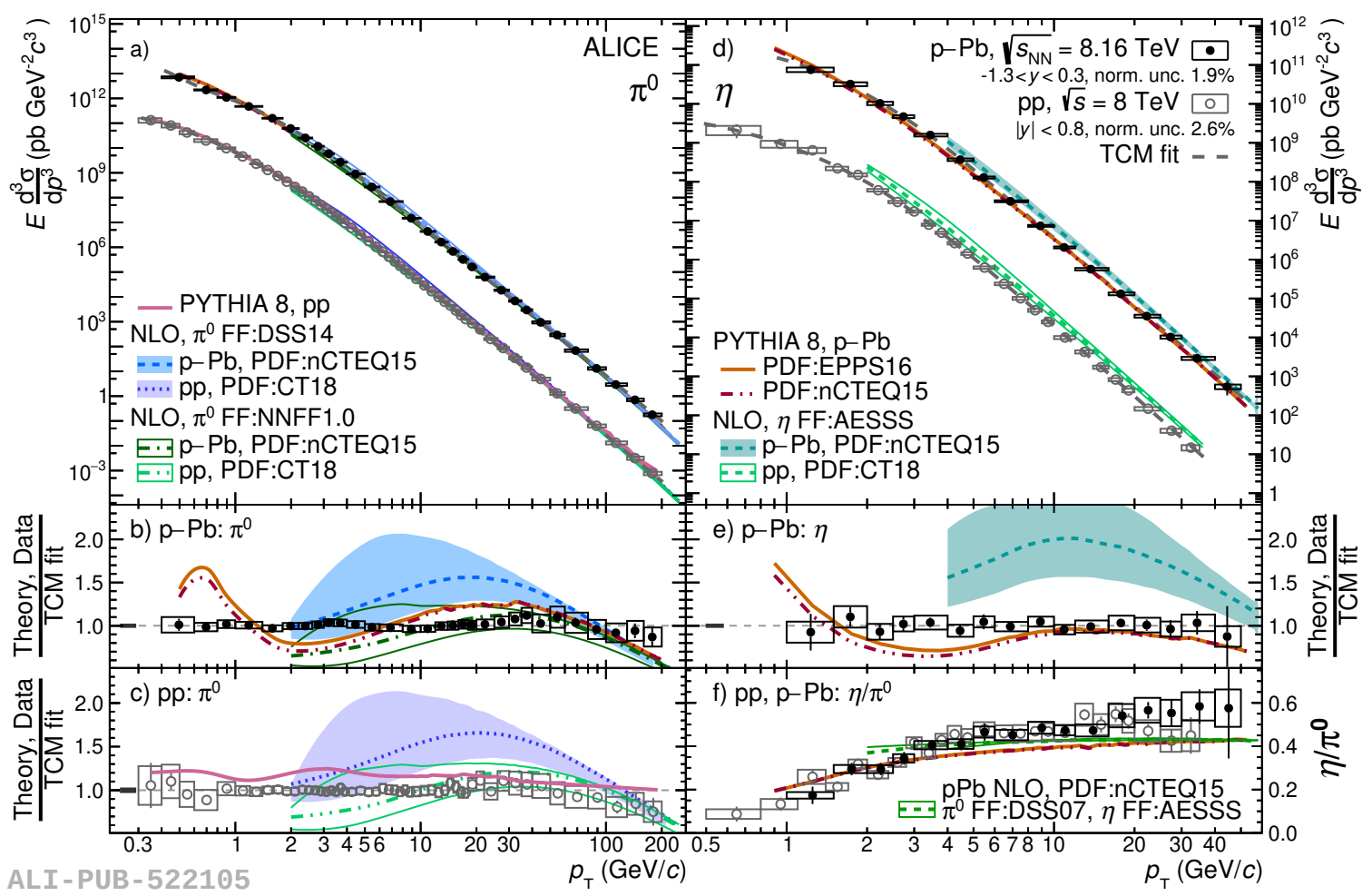
a)
ALICE
π^0
PYTHIA 8, pp
NLO, π^0 FF:DSS14
p–Pb, PDF:nCTEQ15
pp, PDF:CT18
NLO, π^0 FF:NNFF1.0
p–Pb, PDF:nCTEQ15
pp, PDF:CT18
$E\,\frac{d^3\sigma}{dp^3}$ (pb GeV$^{-2}c^3$)
d)
η
p–Pb, $\sqrt{s_{NN}}$ = 8.16 TeV
-1.3<y<0.3, norm. unc. 1.9%
pp, $\sqrt{s}$ = 8 TeV
$|y|$ < 0.8, norm. unc. 2.6%
TCM fit
PYTHIA 8, p–Pb
PDF:EPPS16
PDF:nCTEQ15
NLO, η FF:AESSS
p–Pb, PDF:nCTEQ15
pp, PDF:CT18
b) p–Pb: π^0
e) p–Pb: η
c) pp: π^0
f) pp, p–Pb: η/π^0
Theory, Data / TCM fit
η/π^0
pPb NLO, PDF:nCTEQ15
π^0 FF:DSS07, η FF:AESSS
p_T (GeV/c)
ALI-PUB-522105