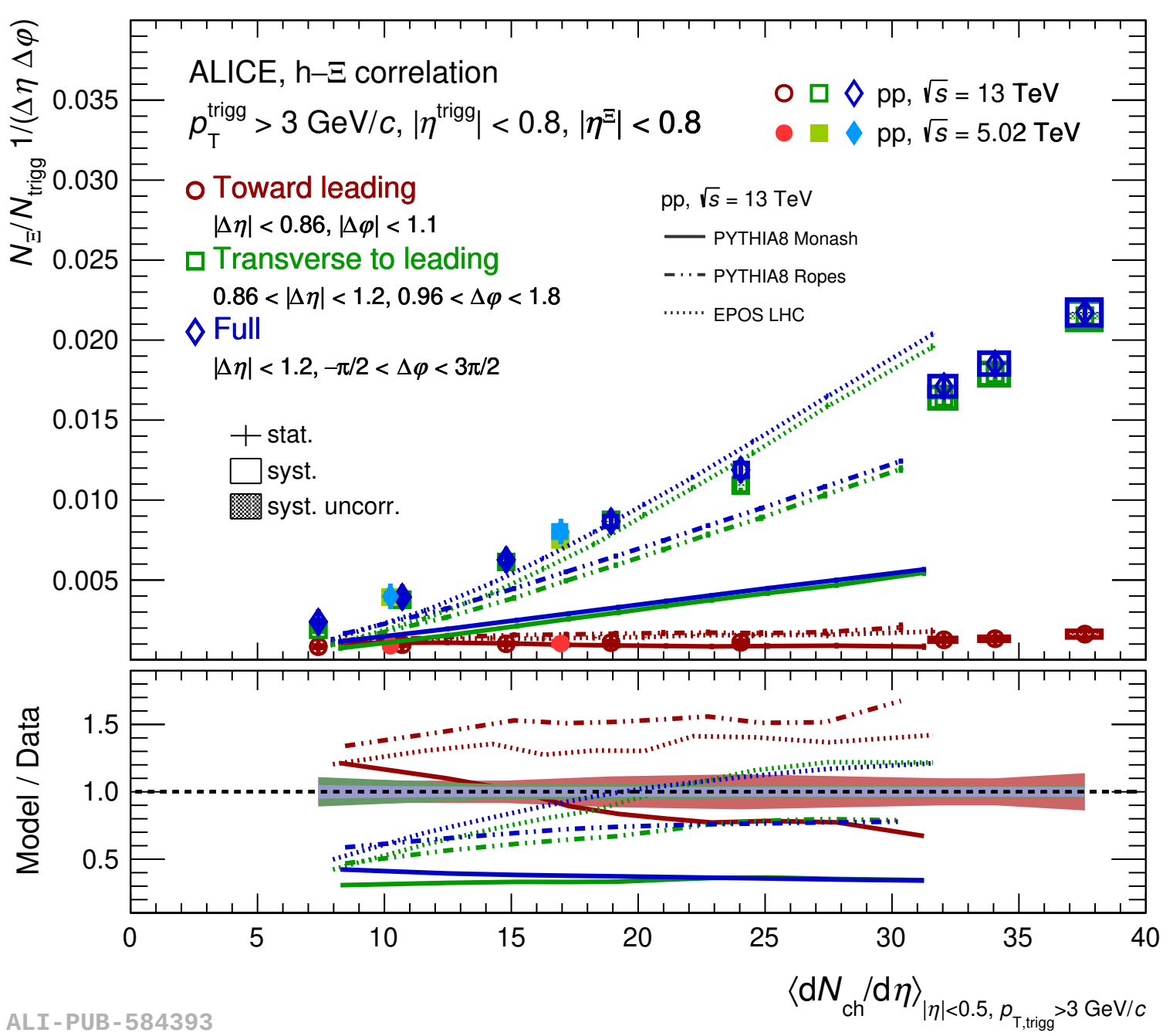
ALICE, h–Ξ correlation
$p_T^{trigg} > 3$ GeV/c, $|\eta^{trigg}| < 0.8$, $|\eta^{\Xi}| < 0.8$
pp, $\sqrt{s}$ = 13 TeV
pp, $\sqrt{s}$ = 5.02 TeV
Toward leading
$|\Delta\eta| < 0.86$, $|\Delta\varphi| < 1.1$
Transverse to leading
$0.86 < |\Delta\eta| < 1.2$, $0.96 < \Delta\varphi < 1.8$
Full
$|\Delta\eta| < 1.2$, $-\pi/2 < \Delta\varphi < 3\pi/2$
stat.
syst.
syst. uncorr.
pp, $\sqrt{s}$ = 13 TeV
PYTHIA8 Monash
PYTHIA8 Ropes
EPOS LHC
N_Ξ/N_{trigg} $1/(\Delta\eta\,\Delta\varphi)$
0.035
0.030
0.025
0.020
0.015
0.010
0.005
Model / Data
1.5
1.0
0.5
0
5
10
15
20
25
30
35
40
$\langle dN_{ch}/d\eta \rangle_{|\eta|<0.5,\ p_{T,trigg}>3\ GeV/c}$
ALI-PUB-584393