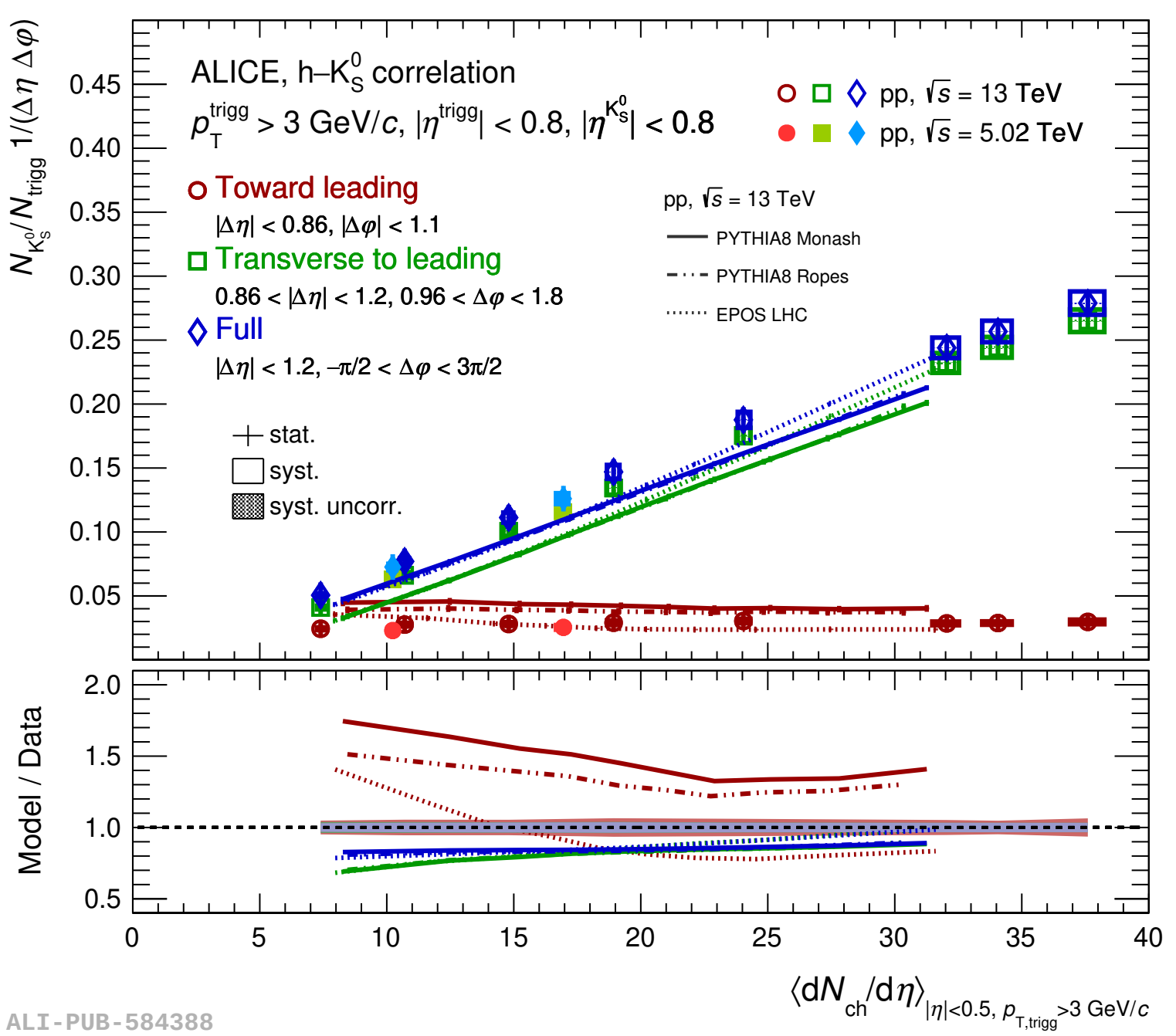
ALICE, h–$K^0_S$ correlation
$p_T^{trigg} > 3$ GeV/$c$, $|\eta^{trigg}| < 0.8$, $|\eta^{K^0_S}| < 0.8$
pp, $\sqrt{s}$ = 13 TeV
pp, $\sqrt{s}$ = 5.02 TeV
Toward leading
$|\Delta\eta| < 0.86$, $|\Delta\varphi| < 1.1$
Transverse to leading
$0.86 < |\Delta\eta| < 1.2$, $0.96 < \Delta\varphi < 1.8$
Full
$|\Delta\eta| < 1.2$, $-\pi/2 < \Delta\varphi < 3\pi/2$
stat.
syst.
syst. uncorr.
pp, $\sqrt{s}$ = 13 TeV
PYTHIA8 Monash
PYTHIA8 Ropes
EPOS LHC
$N_{K^0_S}/N_{trigg}\ 1/(\Delta\eta\ \Delta\varphi)$
Model / Data
$\langle dN_{ch}/d\eta \rangle_{|\eta|<0.5,\ p_{T,trigg}>3\ GeV/c}$
ALI-PUB-584388