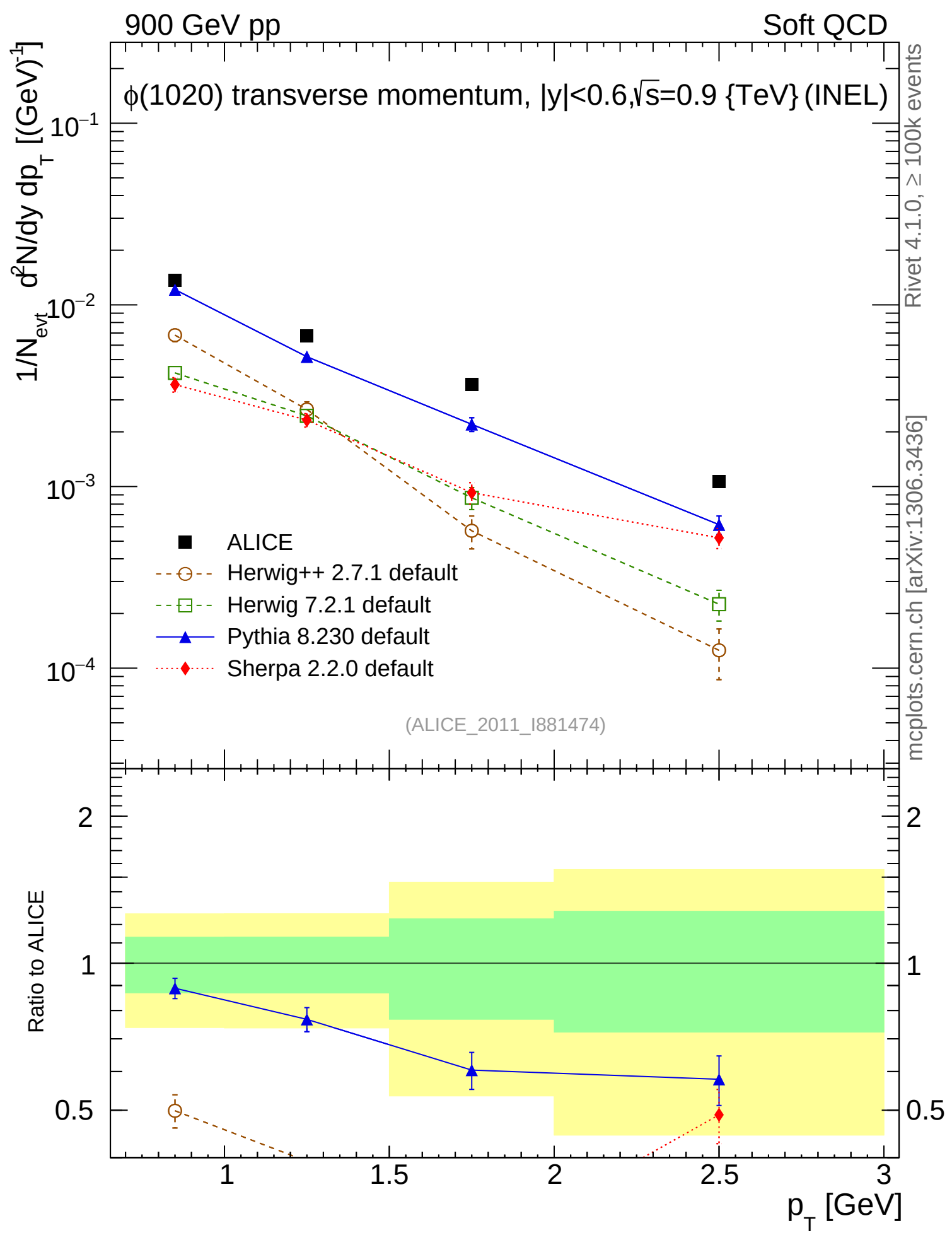
900 GeV pp
Soft QCD
ϕ(1020) transverse momentum, |y|<0.6,√s=0.9 {TeV} (INEL)
1/N_evt d²N/dy dp_T [(GeV)⁻¹]
10⁻¹
10⁻²
10⁻³
10⁻⁴
ALICE
Herwig++ 2.7.1 default
Herwig 7.2.1 default
Pythia 8.230 default
Sherpa 2.2.0 default
(ALICE_2011_I881474)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to ALICE
2
1
0.5
1
1.5
2
2.5
3
p_T [GeV]