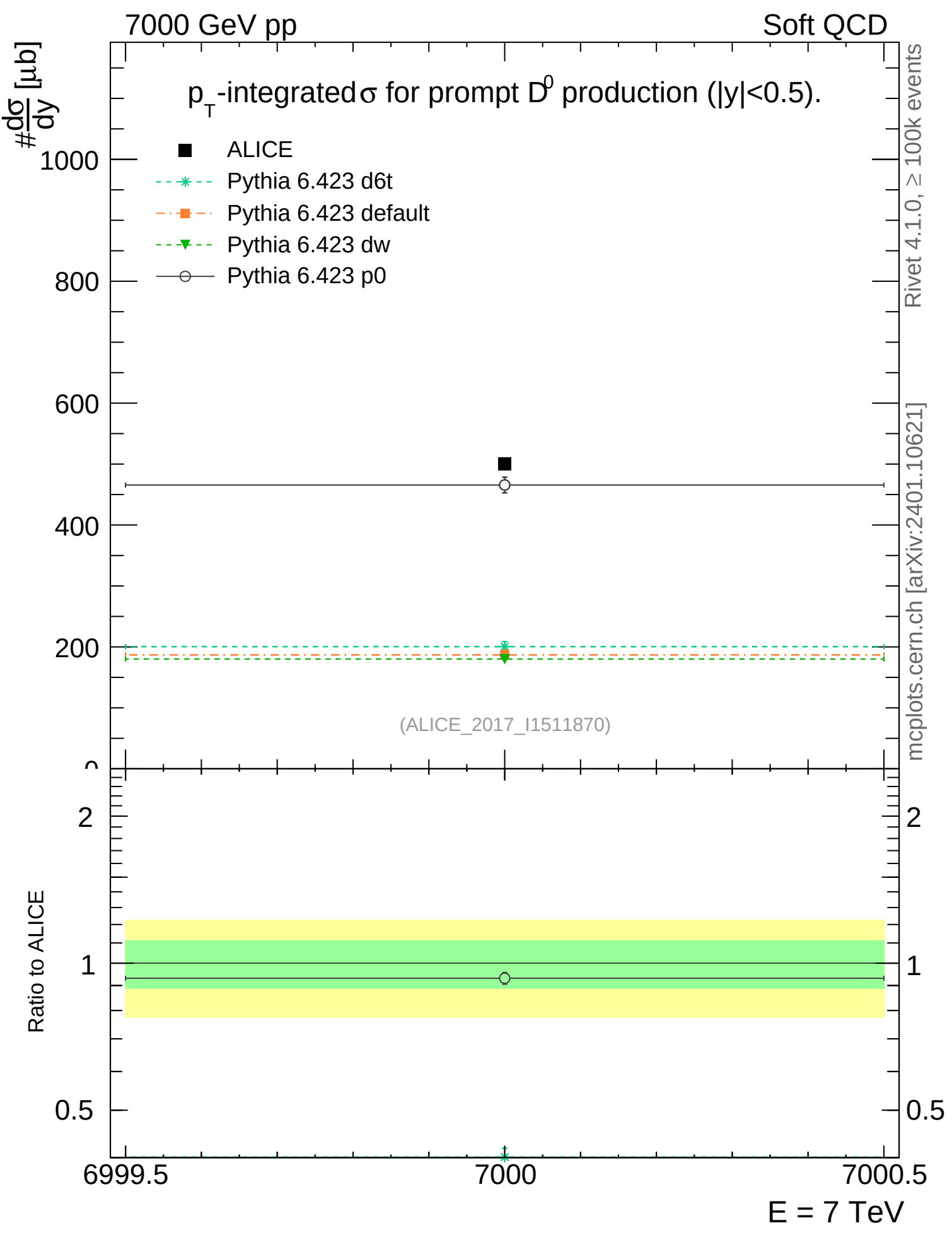
7000 GeV pp
Soft QCD
p_T-integrated σ for prompt D^0 production (|y|<0.5).
ALICE
Pythia 6.423 d6t
Pythia 6.423 default
Pythia 6.423 dw
Pythia 6.423 p0
(ALICE_2017_I1511870)
$\# \frac{d\sigma}{dy}$ [μb]
Ratio to ALICE
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
E = 7 TeV
6999.5
7000
7000.5
0
200
400
600
800
1000
0.5
1
2