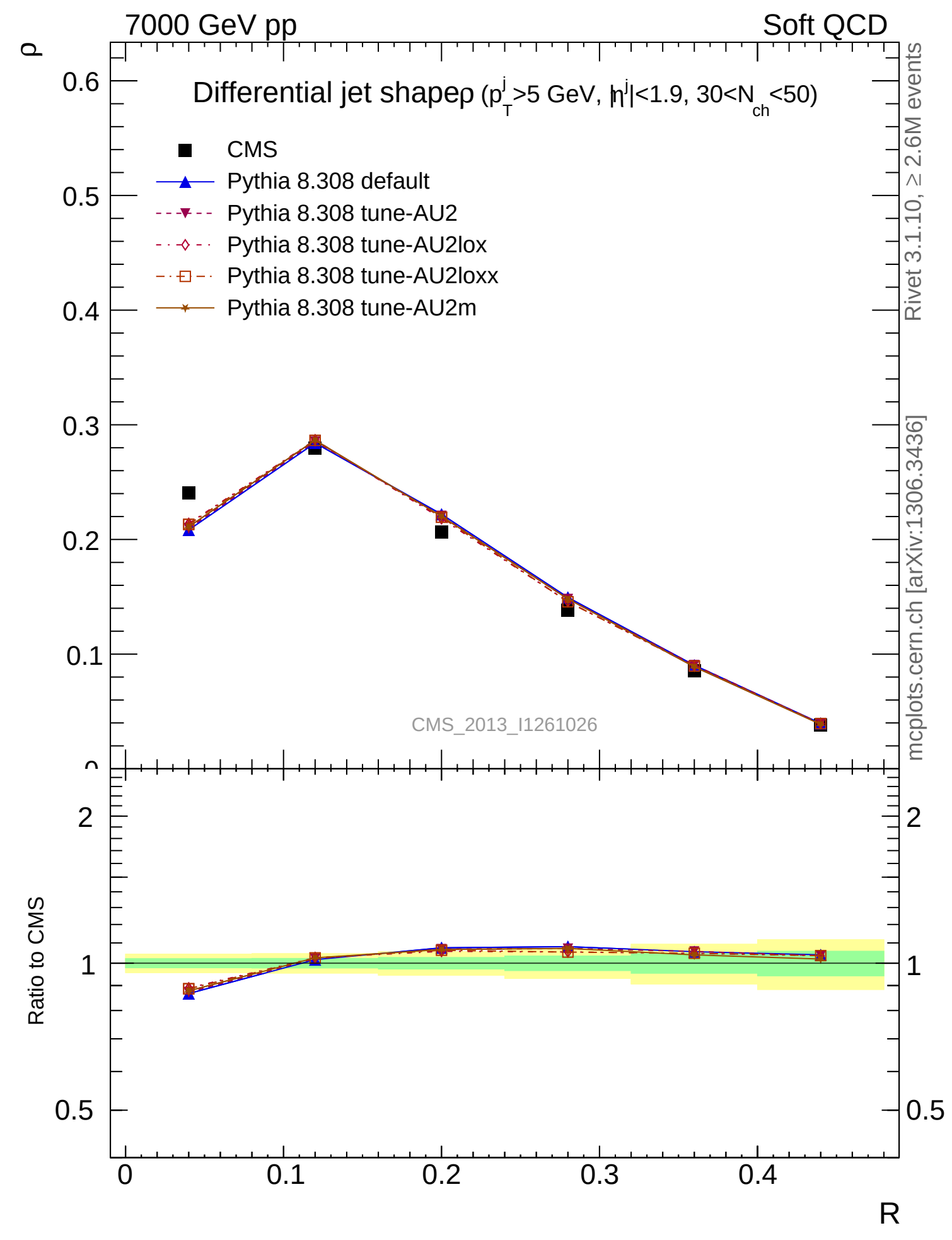
7000 GeV pp
Soft QCD
ρ
Differential jet shape ρ (p_T^j>5 GeV, $|\eta^j|$<1.9, 30<N_{ch}<50)
CMS
Pythia 8.308 default
Pythia 8.308 tune-AU2
Pythia 8.308 tune-AU2lox
Pythia 8.308 tune-AU2loxx
Pythia 8.308 tune-AU2m
CMS_2013_I1261026
Rivet 3.1.10, ≥ 2.6M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to CMS
R
0.6
0.5
0.4
0.3
0.2
0.1
0
2
1
0.5
0
0.1
0.2
0.3
0.4