900 GeV pp

Underlying Event

Transverse N_{ch} density vs. $p_T^{jet\ 1}$, $\sqrt{s}$ = {900 GeV}

■ CMS
○ Pythia 6.428 345
□ Pythia 6.428 346
△ Pythia 6.428 370
△ Pythia 6.428 ambt1
● Pythia 6.428 z1
● Pythia 6.428 z2

$\#\langle d^2\ N/d\eta d\phi\#\rangle$

Rivet 4.1.0, ≥ 2.9M events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2011_I916908)

Ratio to CMS

p_T (leading track-jet) [GeV]