

$\Psi(r)$ Jet shape Ψ for $p_T \in 400\text{--}500$ GeV, $y \in 1.2\text{--}2.1$

- ATLAS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.315 tune-CUETP8S1

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I882984)

Ratio to ATLAS

0.5

1

2

0.5

1

2

0

0.2

0.4

0.6

r