

7000 GeV pp

Underlying Event

Transverse K_s^0 particle density at $\sqrt{s}=7$ TeV, $p_T > 0.6$ GeV

- CMS
- +— Epos 1.99.crmc.1.2 lhc
- - □ Herwig 7.2.1 default
- △ - Pythia 6.428 370
- ▲ - Pythia 8.315 default
- ◆ - Sherpa 2.2.9 default

(CMS_2012_PAS_QCD_11_010)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

leading jet p_T [GeV] $\# \langle N_K \rangle / d\eta d\phi$ 10^{-1} 10^{-2}

1

 10^{-1} 10^{-2}

2

1

0.5

2

1

0.5