

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.1.6.0 lhc
- -□- Herwig 7.2.1 default
- -△- Pythia 6.428 370
- -▲- Pythia 8.315 default
- -◆- Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2012\_PAS\_QCD\_11\_010)

Ratio to CMS

leading jet  $p_T$  [GeV]