

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

- CMS
- ⋯+ Epos 1.99.crmc.1.6.0 default
- + Epos 1.99.crmc.1.6.0 lhc
- ▲ Pythia 8.135 default

1

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

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

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

1

0.5

2

1

0.5

0 20 40 leading jet  $p_T$  [GeV]

 $\# \langle N_K \rangle / d\eta d\phi$