

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 8.315 default
- -◆ Sherpa 2.2.9 default

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

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

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

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

Ratio to CMS

2  
1  
0.5

2  
1  
0.5

0 20 40 leading jet  $p_T$  [GeV]

