

(13 TeV)

**CMS**

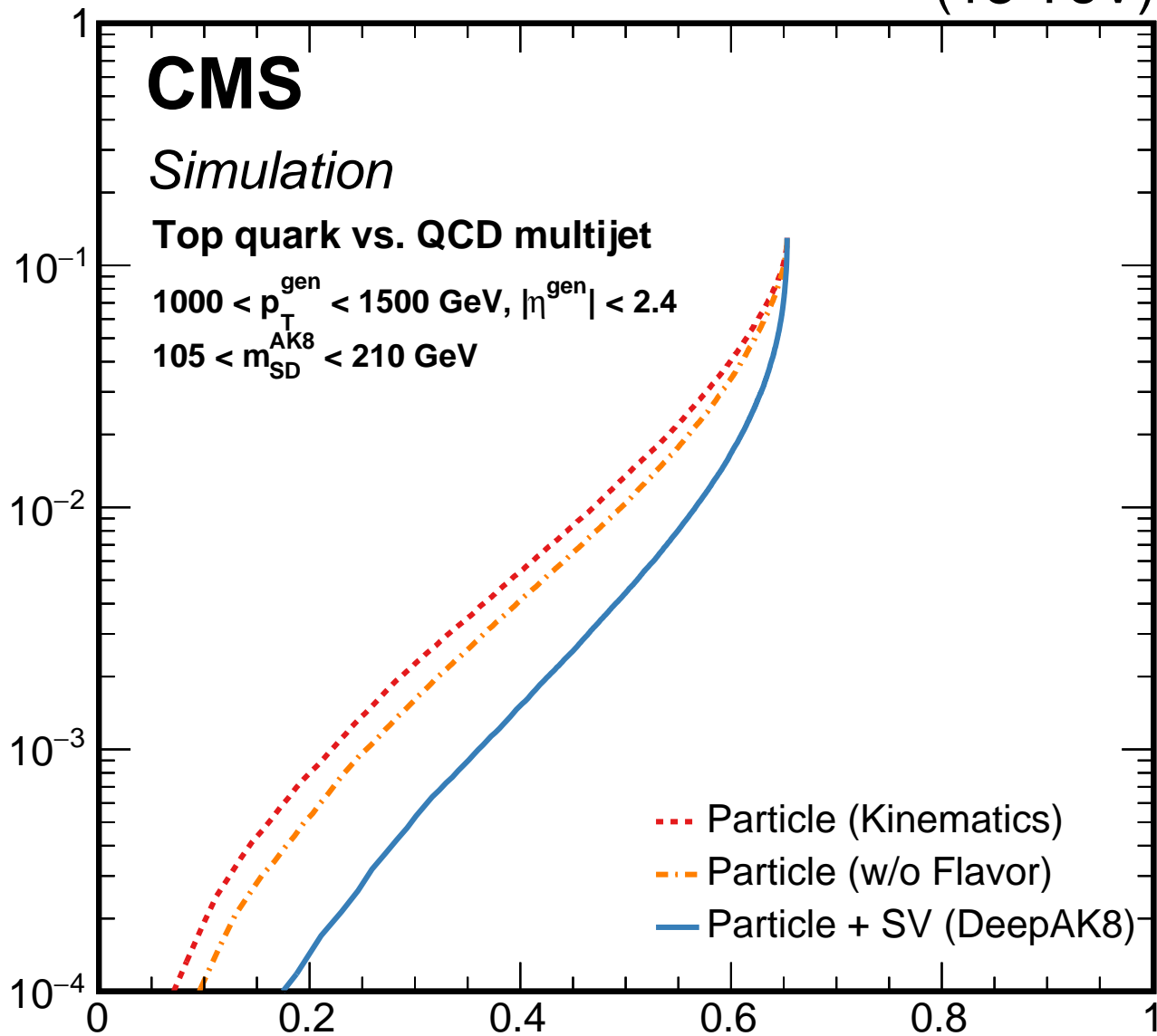
*Simulation*

**Top quark vs. QCD multijet**

$1000 < p_T^{\text{gen}} < 1500 \text{ GeV}, |\eta^{\text{gen}}| < 2.4$

$105 < m_{\text{SD}}^{\text{AK8}} < 210 \text{ GeV}$

Background efficiency



Signal efficiency