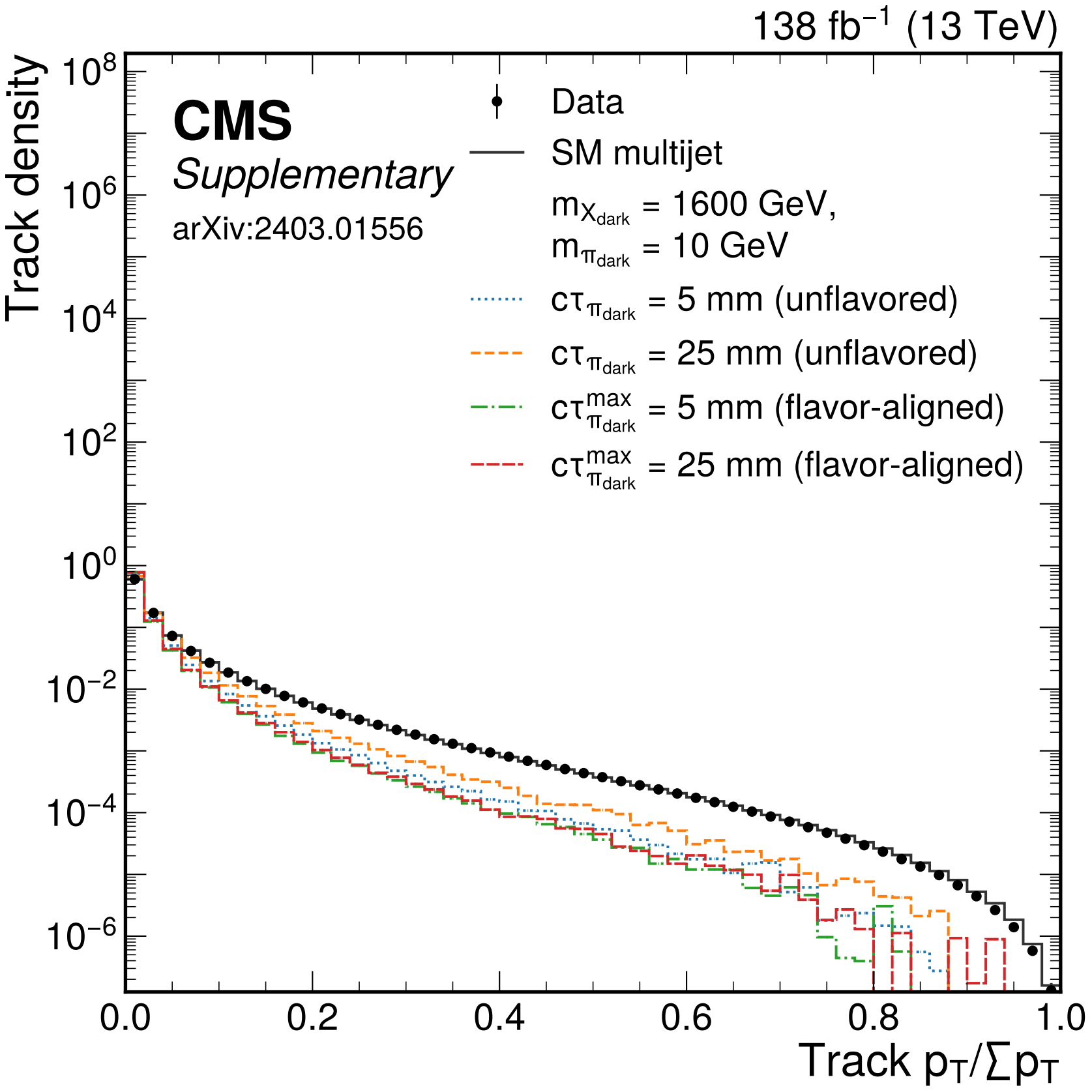
138 fb^{-1} (13 TeV)
CMS
Supplementary
arXiv:2403.01556
Data
SM multijet
$m_{X_{dark}}$ = 1600 GeV,
$m_{\pi_{dark}}$ = 10 GeV
$c\tau_{\pi_{dark}}$ = 5 mm (unflavored)
$c\tau_{\pi_{dark}}$ = 25 mm (unflavored)
$c\tau^{max}_{\pi_{dark}}$ = 5 mm (flavor-aligned)
$c\tau^{max}_{\pi_{dark}}$ = 25 mm (flavor-aligned)
Track density
10^8
10^6
10^4
10^2
10^0
10^{-2}
10^{-4}
10^{-6}
0.0
0.2
0.4
0.6
0.8
1.0
Track $p_T/\sum p_T$