

Tracking efficiency

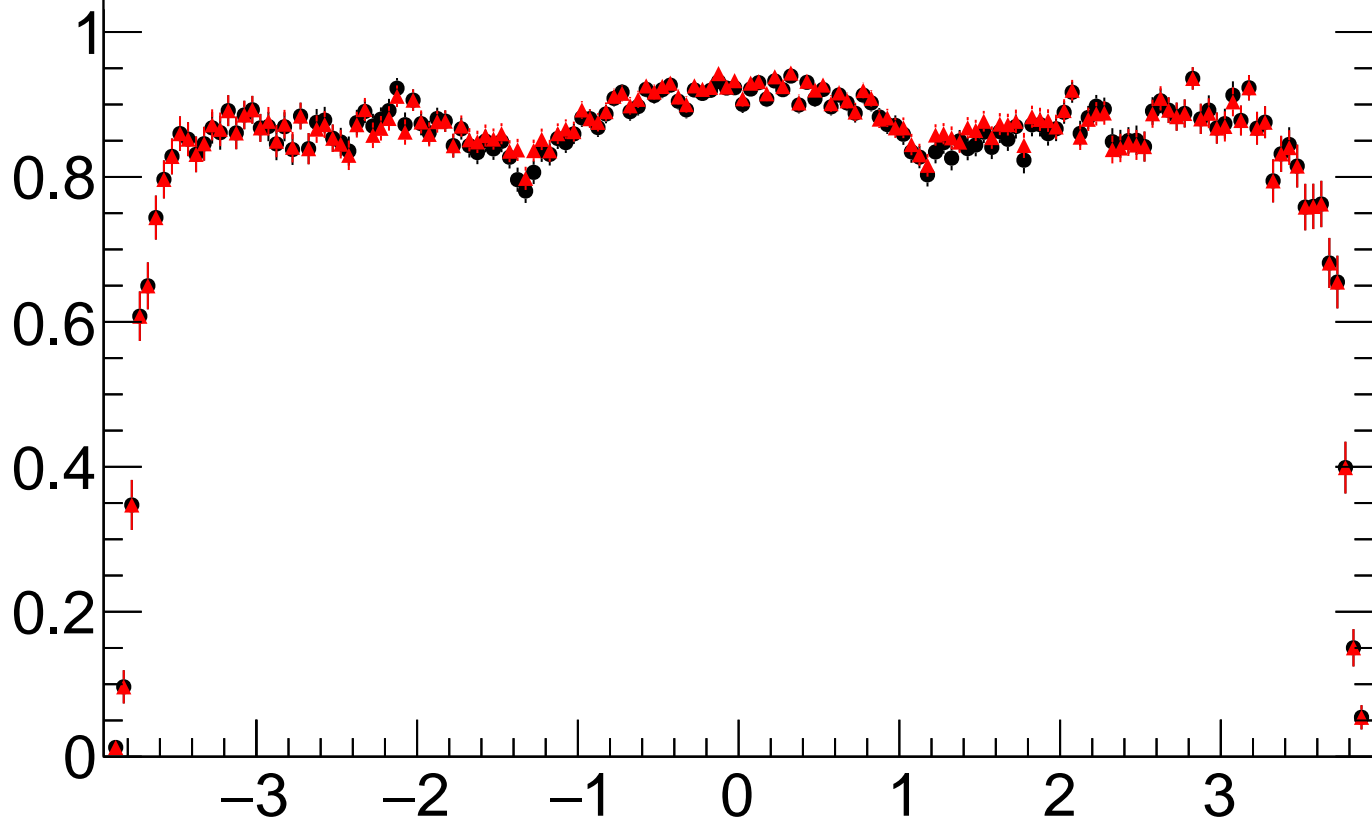
**CMS** *Simulation Preliminary*

$\sqrt{s} = 14$  TeV PU200  $t\bar{t}$

$p_T > 0.9$  GeV,  $|z_{\text{vertex}}| < 30$  cm,  $r_{\text{vertex}} < 2.5$  cm

● pre-DNN

▲ DNN



Simulated track  $\eta$