

CMS**Phase-2 Simulation****PU=200****14 TeV****Efficiency** **τ_h Trigger****L1HPS + HLT****gen $\tau_h p_T > 40$** **Rate 170 Hz****—●— $D > 0.5, \tau p_T > 37$** **—●— $D > 0.6, \tau p_T > 31$** **—●— $D > 0.7, \tau p_T > 27$**

1.2

1

0.8

0.6

0.4

0.2

0

-2

-1.5

-1

-0.5

0

0.5

1

1.5

2

gen $\tau_h \eta$