



Truth  $m_{hh}$ : 794 GeV

Truth higgses:

$p_T = 384.58$  GeV,  $\eta = 0.61$ ,  $\phi = -1.98$

$p_T = 372.78$  GeV,  $\eta = 0.29$ ,  $\phi = 0.77$

Truth b-quarks:

$p_T = 265.10$  GeV,  $\eta = 0.66$ ,  $\phi = -1.77$

$p_T = 217.78$  GeV,  $\eta = 0.38$ ,  $\phi = 1.04$

$p_T = 172.70$  GeV,  $\eta = 0.14$ ,  $\phi = 0.43$

$p_T = 137.24$  GeV,  $\eta = 0.45$ ,  $\phi = -2.40$

Reco Jets:

$p_T = 182.39$  GeV,  $\eta = 0.65$ ,  $\phi = -1.79$ , DL1r quantile = 4

$p_T = 180.36$  GeV,  $\eta = 0.15$ ,  $\phi = 0.44$ , DL1r quantile = 5

$p_T = 160.67$  GeV,  $\eta = 1.41$ ,  $\phi = 2.50$ , DL1r quantile = 1

$p_T = 136.42$  GeV,  $\eta = 0.46$ ,  $\phi = -2.40$ , DL1r quantile = 5

$p_T = 96.62$  GeV,  $\eta = 0.41$ ,  $\phi = 1.05$ , DL1r quantile = 1

Passed trigger: True

mc evt weight: -0.031