



Truth  $m_{hh}$ : 463 GeV

Truth higgses:

$p_T = 219.71$  GeV,  $\eta = 1.79$ ,  $\phi = 1.44$

$p_T = 146.02$  GeV,  $\eta = 2.60$ ,  $\phi = -1.87$

Truth b-quarks:

$p_T = 154.68$  GeV,  $\eta = 1.98$ ,  $\phi = 1.25$

$p_T = 96.66$  GeV,  $\eta = 2.30$ ,  $\phi = -1.17$

$p_T = 95.29$  GeV,  $\eta = 2.36$ ,  $\phi = -2.58$

$p_T = 74.31$  GeV,  $\eta = 1.03$ ,  $\phi = 1.86$

Reco Jets:

$p_T = 174.54$  GeV,  $\eta = 1.98$ ,  $\phi = 1.25$ , DL1r quantile = 4

$p_T = 86.52$  GeV,  $\eta = 2.33$ ,  $\phi = -1.17$ , DL1r quantile = 5

$p_T = 75.37$  GeV,  $\eta = 1.02$ ,  $\phi = 1.88$ , DL1r quantile = 5

$p_T = 67.54$  GeV,  $\eta = 0.04$ ,  $\phi = -1.38$ , DL1r quantile = 1

$p_T = 53.34$  GeV,  $\eta = 2.39$ ,  $\phi = -2.58$ , DL1r quantile = 1

Passed trigger: True

mc evt weight: 0.031