



Truth  $m_{hh}$ : 425 GeV

Truth higgses:

$p_T = 242.27$  GeV,  $\eta = -1.09$ ,  $\phi = -0.26$

$p_T = 197.92$  GeV,  $\eta = -2.37$ ,  $\phi = -0.76$

Truth b-quarks:

$p_T = 158.77$  GeV,  $\eta = -0.68$ ,  $\phi = -0.46$

$p_T = 124.55$  GeV,  $\eta = -2.35$ ,  $\phi = -0.26$

$p_T = 106.56$  GeV,  $\eta = -2.04$ ,  $\phi = -1.35$

$p_T = 92.48$  GeV,  $\eta = -1.53$ ,  $\phi = 0.09$

Reco Jets:

$p_T = 366.38$  GeV,  $\eta = -0.64$ ,  $\phi = 2.63$ , DL1r quantile = 1

$p_T = 154.02$  GeV,  $\eta = -0.70$ ,  $\phi = -0.46$ , DL1r quantile = 5

$p_T = 115.46$  GeV,  $\eta = -2.35$ ,  $\phi = -0.30$ , DL1r quantile = 1

$p_T = 106.50$  GeV,  $\eta = -2.07$ ,  $\phi = -1.30$ , DL1r quantile = 3

$p_T = 87.40$  GeV,  $\eta = -1.54$ ,  $\phi = 0.11$ , DL1r quantile = 5

Passed trigger: True

mc evt weight: 0.031