



Truth  $m_{hh}$ : 411 GeV

Truth higgses:

$p_T = 186.45$  GeV,  $\eta = -0.01$ ,  $\phi = 1.25$

$p_T = 102.23$  GeV,  $\eta = -1.45$ ,  $\phi = -2.87$

Truth b-quarks:

$p_T = 108.40$  GeV,  $\eta = 0.35$ ,  $\phi = 1.70$

$p_T = 101.00$  GeV,  $\eta = -0.40$ ,  $\phi = 0.76$

$p_T = 71.38$  GeV,  $\eta = -0.39$ ,  $\phi = 2.91$

$p_T = 52.27$  GeV,  $\eta = -1.93$ ,  $\phi = -2.16$

Reco Jets:

$p_T = 127.13$  GeV,  $\eta = -2.10$ ,  $\phi = -1.46$ , DL1r quantile = 1

$p_T = 94.00$  GeV,  $\eta = -0.31$ ,  $\phi = 0.79$ , DL1r quantile = 5

$p_T = 68.76$  GeV,  $\eta = -0.42$ ,  $\phi = 2.91$ , DL1r quantile = 5

$p_T = 71.70$  GeV,  $\eta = 0.34$ ,  $\phi = 1.69$ , DL1r quantile = 3

$p_T = 41.84$  GeV,  $\eta = -2.09$ ,  $\phi = -2.06$ , DL1r quantile = 1

Passed trigger: True

mc evt weight: 0.031