



Truth  $m_{hh}$ : 478 GeV

Truth higgses:

$p_T = 173.18$  GeV,  $\eta = 1.73$ ,  $\phi = 0.76$

$p_T = 101.23$  GeV,  $\eta = 0.05$ ,  $\phi = -2.30$

Truth b-quarks:

$p_T = 112.77$  GeV,  $\eta = 1.98$ ,  $\phi = 1.06$

$p_T = 106.25$  GeV,  $\eta = -0.09$ ,  $\phi = -1.80$

$p_T = 73.77$  GeV,  $\eta = 0.89$ ,  $\phi = 0.28$

$p_T = 51.97$  GeV,  $\eta = 0.28$ ,  $\phi = 2.57$

Reco Jets:

$p_T = 101.35$  GeV,  $\eta = -0.06$ ,  $\phi = -1.78$ , DL1r quantile = 5

$p_T = 87.83$  GeV,  $\eta = 1.95$ ,  $\phi = 1.27$ , DL1r quantile = 5

$p_T = 85.35$  GeV,  $\eta = 0.87$ ,  $\phi = 0.27$ , DL1r quantile = 5

$p_T = 58.50$  GeV,  $\eta = 1.79$ ,  $\phi = 0.49$ , DL1r quantile = 1

$p_T = 44.68$  GeV,  $\eta = 0.24$ ,  $\phi = 2.67$ , DL1r quantile = 1

Passed trigger: True

mc evt weight: 0.031