

Truth m_{hh}: 474 GeV

Truth higgses:

$$p_T = 209.92 \text{ GeV}, \ \eta = -0.09, \ \phi = -0.25$$

 $p_T = 190.16 \text{ GeV}, \ \eta = 0.14, \ \phi = 2.80$

Truth b-quarks:

$$p_T = 127.20 \text{ GeV}, \ \eta = -0.15, \ \phi = 2.40$$
 $p_T = 123.82 \text{ GeV}, \ \eta = 0.33, \ \phi = 0.02$
 $p_T = 96.31 \text{ GeV}, \ \eta = -0.60, \ \phi = -0.60$
 $p_T = 88.76 \text{ GeV}, \ \eta = 0.51, \ \phi = -2.88$

Reco Jets:

$$p_T = 92.72 \text{ GeV}, \ \eta = 0.33, \ \phi = 0.03, \ \text{DL1r quantile} = 5$$

 $p_T = 83.40 \text{ GeV}, \ \eta = 0.52, \ \phi = -2.87, \ \text{DL1r quantile} = 5$
 $p_T = 98.70 \text{ GeV}, \ \eta = -0.15, \ \phi = 2.39, \ \text{DL1r quantile} = 5$
 $p_T = 72.41 \text{ GeV}, \ \eta = -0.22, \ \phi = -0.18, \ \text{DL1r quantile} = 1$
 $p_T = 60.15 \text{ GeV}, \ \eta = -0.73, \ \phi = -0.73, \ \text{DL1r quantile} = 1$

Passed trigger: True mc evt weight: 0.031