

Truth m_{hh}: 583 GeV

Truth higgses:

$$p_T = 273.42 \text{ GeV}, \ \eta = 1.52, \ \phi = -2.29$$

$$p_T = 231.88 \text{ GeV}, \ \eta = 0.99, \ \phi = 0.89$$

Truth b-quarks:

$$p_T = 235.65 \text{ GeV}, \eta = 1.60, \phi = -2.41$$

$$p_T = 144.92 \text{ GeV}, \eta = 0.49, \phi = 0.89$$

$$p_T = 86.97 \text{ GeV}, \eta = 1.55, \phi = 0.89$$

$$p_T = 48.21 \text{ GeV}, \ \eta = 0.71, \ \phi = -1.68$$

Reco Jets:

$$p_T = 220.59 \text{ GeV}, \ \eta = 1.60, \ \phi = -2.41, \ \text{DL1r quantile} = 5$$

$$p_T = 150.86 \text{ GeV}, \, \eta = 0.49, \, \phi = 0.89, \, \text{DL1r quantile} = 1$$

$$p_T = 89.46 \text{ GeV}, \, \eta = 1.57, \, \phi = 0.87, \, \text{DL1r quantile} = 5$$

$$p_T = 53.24 \text{ GeV}, \, \eta = -2.12, \, \phi = 0.18, \, \text{DL1r quantile} = 5$$

$$p_T = 44.82 \text{ GeV}, \eta = 0.91, \phi = -1.79, \text{ DL1r quantile} = 3$$

Passed trigger: True

mc evt weight: -0.031