

Truth m<sub>hh</sub>: 467 GeV

Truth higgses:

$$p_T = 207.16 \text{ GeV}, \ \eta = -1.33, \ \phi = -2.51$$
  
 $p_T = 180.28 \text{ GeV}, \ \eta = -1.83, \ \phi = 1.00$ 

Truth b-quarks:

$$p_T = 187.65 \text{ GeV}, \ \eta = -1.18, \ \phi = -2.25$$
 $p_T = 120.41 \text{ GeV}, \ \eta = -1.21, \ \phi = 1.21$ 
 $p_T = 67.46 \text{ GeV}, \ \eta = -2.39, \ \phi = 0.61$ 
 $p_T = 53.98 \text{ GeV}, \ \eta = -1.25, \ \phi = 2.70$ 

## Reco Jets:

$$p_T = 176.13 \text{ GeV}, \ \eta = -1.17, \ \phi = -2.25, \ \text{DL1r quantile} = 5$$
 $p_T = 116.24 \text{ GeV}, \ \eta = -1.22, \ \phi = 1.21, \ \text{DL1r quantile} = 5$ 
 $p_T = 60.05 \text{ GeV}, \ \eta = -2.40, \ \phi = 0.62, \ \text{DL1r quantile} = 5$ 
 $p_T = 54.31 \text{ GeV}, \ \eta = -0.71, \ \phi = 0.30, \ \text{DL1r quantile} = 3$ 
 $p_T = 48.22 \text{ GeV}, \ \eta = -1.30, \ \phi = 2.70, \ \text{DL1r quantile} = 5$ 

Passed trigger: True mc evt weight: 0.031