

Truth m<sub>hh</sub>: 474 GeV

Truth higgses:

$$p_T = 244.21 \text{ GeV}, \ \eta = 1.04, \ \phi = -2.70$$
  
 $p_T = 146.00 \text{ GeV}, \ \eta = 1.92, \ \phi = 0.99$ 

Truth b-quarks:

$$p_T = 149.52 \text{ GeV}, \ \eta = 0.77, \ \phi = -3.08$$
  
 $p_T = 119.19 \text{ GeV}, \ \eta = 1.18, \ \phi = -2.22$   
 $p_T = 91.88 \text{ GeV}, \ \eta = 1.26, \ \phi = 0.43$   
 $p_T = 84.51 \text{ GeV}, \ \eta = 2.10, \ \phi = 1.62$ 

## Reco Jets:

$$p_T = 139.35 \; \text{GeV}, \; \eta = -2.43, \; \phi = -0.40, \; \text{DL1r quantile} = 5$$
 $p_T = 106.51 \; \text{GeV}, \; \eta = 0.80, \; \phi = -3.01, \; \text{DL1r quantile} = 4$ 
 $p_T = 96.16 \; \text{GeV}, \; \eta = 1.24, \; \phi = 0.41, \; \text{DL1r quantile} = 3$ 
 $p_T = 87.37 \; \text{GeV}, \; \eta = 1.00, \; \phi = -2.45, \; \text{DL1r quantile} = 1$ 
 $p_T = 131.59 \; \text{GeV}, \; \eta = 2.19, \; \phi = 1.61, \; \text{DL1r quantile} = 5$ 

Passed trigger: True mc evt weight: 0.031