

Truth *m_{hh}*: 786 GeV

Truth higgses:

$$p_T = 378.55 \text{ GeV}, \ \eta = 0.23, \ \phi = -2.19$$

$$p_T = 369.78 \text{ GeV}, \, \eta = 0.12, \, \phi = 1.17$$

Truth b-quarks:

$$p_T = 303.75 \text{ GeV}, \, \eta = 0.04, \, \phi = 1.02$$

$$p_T = 235.13 \text{ GeV}, \ \eta = 0.41, \ \phi = -2.02$$

$$p_T = 152.00 \text{ GeV}, \ \eta = -0.08, \ \phi = -2.45$$

$$p_T = 82.61 \text{ GeV}, \, \eta = 0.38, \, \phi = 1.74$$

Reco Jets:

$$p_T$$
 = 233.50 GeV, η = 0.05, ϕ = 1.06, DL1r quantile = 5

$$p_T = 159.38 \text{ GeV}, \, \eta = -0.07, \, \phi = -2.45, \, \text{DL1r quantile} = 5$$

$$p_T = 86.37 \text{ GeV}, \, \eta = 0.35, \, \phi = 1.78, \, \text{DL1r quantile} = 5$$

$$p_T = 82.78 \text{ GeV}, \, \eta = 0.43, \, \phi = -2.01, \, \text{DL1r quantile} = 1$$

$$p_T = 69.34 \text{ GeV}, \, \eta = 2.39, \, \phi = 0.07, \, \text{DL1r quantile} = 4$$

Passed trigger: True mc evt weight: 0.031