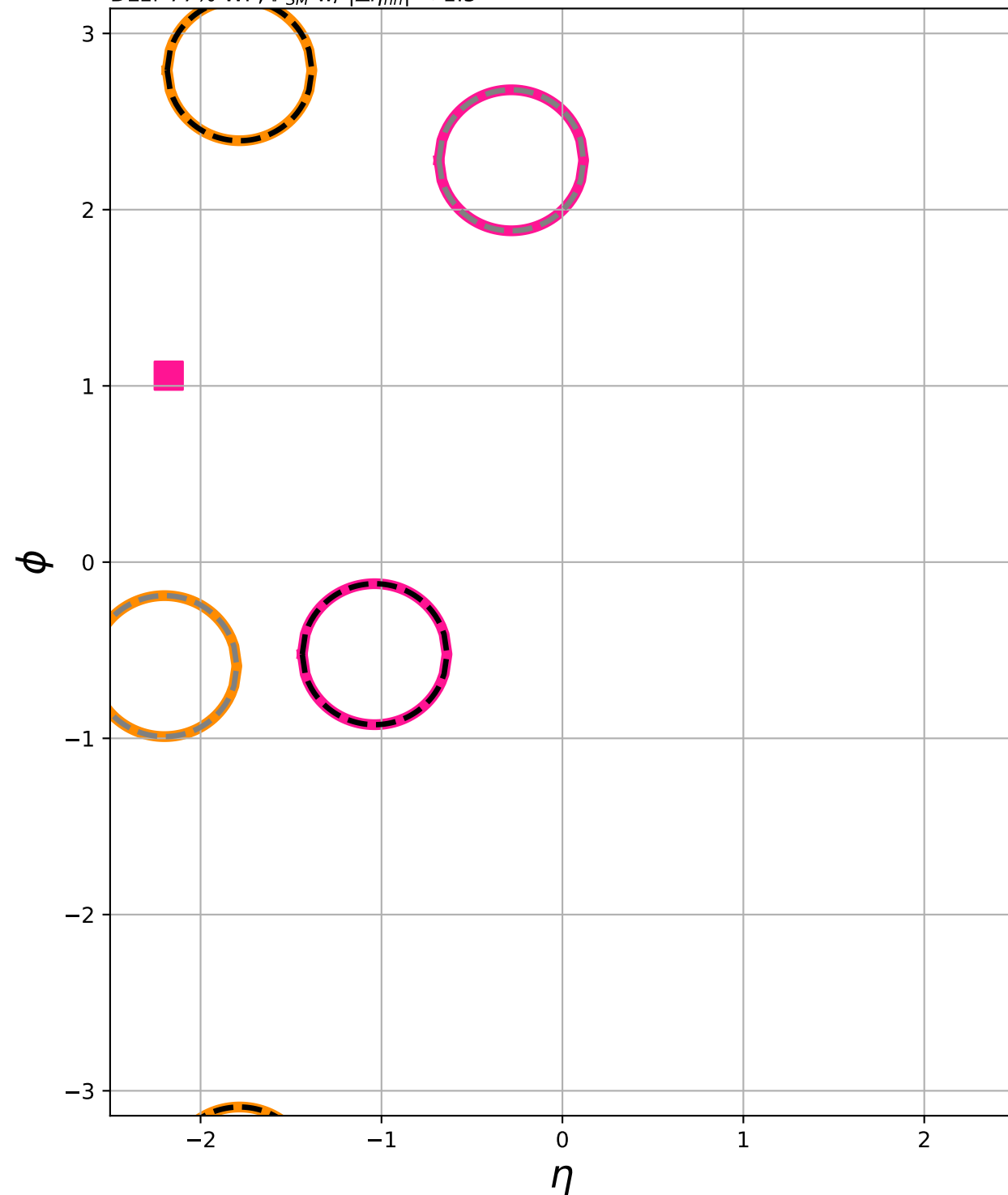


ATLAS data Internal  
2016 data FEB2020 MNT prod  
DL1r 77% WP,  $\mathbb{P}_{SM}$  w/  $|\Delta\eta_{hh}| < 1.5$

Event 10741



Reco  $m_{hh} = 284$  GeV,  $p_T^{hh} = 27$  GeV,  $|\Delta\eta_{hh}| = 1.1$

Reco higgses:

$p_T = 19.58$  GeV,  $\eta = -2.18$ ,  $\phi = 1.06$ ,  $m = 121.7$  GeV

$p_T = 29.50$  GeV,  $\eta = -3.24$ ,  $\phi = 3.13$ ,  $m = 107.9$  GeV

pairAGraph jets:

$p_T = 67.57$  GeV,  $\eta = -1.78$ ,  $\phi = 2.79$ , DL1r quantile = 5

$p_T = 58.87$  GeV,  $\eta = -0.28$ ,  $\phi = 2.28$ , DL1r quantile = 1

$p_T = 55.33$  GeV,  $\eta = -1.04$ ,  $\phi = -0.52$ , DL1r quantile = 4

$p_T = 40.88$  GeV,  $\eta = -2.20$ ,  $\phi = -0.59$ , DL1r quantile = 1