

$\Delta\phi_2, \Delta\phi_3, \Delta\phi_1, \Delta\phi_4, H_T > 500 \text{ GeV}, H_T^{\text{miss}} > 150 \text{ GeV}$

**CMS Simulation Supplementary**

35.9 fb<sup>-1</sup> (13 TeV)

*arXiv:1704.07781*

QCD background with R&S

▣ direct from simulation

■ Treat simulation like data

