

# Bin [30.0to32.0][-2.4to-1.8] - passing probes

**CMS** *Simulation Preliminary*

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

Events / (1 GeV)

22000  
20000  
18000  
16000  
14000  
12000  
10000  
8000  
6000  
4000  
2000  
0

Data entries: 63552.0

Nbkg from fit: 393.74 ± 121.09

Nbkg from MC: 3889.32 ± 168.54

Distance in  $\sigma$  = 16.84

Num WW\_bkg = 23.29 ± 1.73

Num WZ\_bkg = 76.39 ± 3.51

Num ZZ\_bkg = 22.62 ± 0.3

Num TTSemileptonic\_bkg = 1254.1 ± 22.0

Num Ztautau\_bkg = 2512.93 ± 167.05

0

16  
14  
12  
10  
8  
6  
4  
2

60

TP M\_inv (GeV/c<sup>2</sup>)

120

