

# Bin [42.0to44.0][-2.4to-1.8] - passing probes

**CMS** *Simulation Preliminary*

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

Events / (1 GeV)

45000  
40000  
35000  
30000  
25000  
20000  
15000  
10000  
5000

Data entries: 119751.0

Nbkg from fit: 0.0 ± 0.0

Nbkg from MC: 1886.78 ± 98.63

Distance in  $\sigma$  = 19.13

Num WW\_bkg = 26.22 ± 1.94

Num WZ\_bkg = 77.48 ± 3.56

Num ZZ\_bkg = 22.67 ± 0.3

Num TTSemileptonic\_bkg = 980.29 ± 19.6

Num Ztautau\_bkg = 780.11 ± 96.57

20  
18  
16  
14  
12  
10  
8  
6  
4  
2

60 70 80 90 100 110 120  
TP M\_inv (GeV/c<sup>2</sup>)

