

# Bin [24.0to26.0][0.0to0.6] - 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

Data entries: 61336.0

Nbkg from fit:  $488.6 \pm 129.68$

Nbkg from MC:  $8057.77 \pm 241.36$

Distance in  $\sigma = 27.63$

Num WW\_bkg =  $28.4 \pm 1.9$

Num WZ\_bkg =  $124.88 \pm 4.45$

Num ZZ\_bkg =  $38.58 \pm 0.39$

Num TTSemileptonic\_bkg =  $3223.66 \pm 35.1$

Num Ztautau\_bkg =  $4642.24 \pm 238.71$

20

18

16

14

12

10

8

6

60

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

60

70

80

90

100

110

120