

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

Events / 7 GeV

**CMS** $600 < p_T < 675$  GeV

Deep AK8

Passing region

--- W

... Z

- - -  $t\bar{t}$ 

--- Multijet

■ Total background

● Data

 $\frac{\text{Data} - (\text{Multijet} + t\bar{t})}{\sigma_{\text{Data}}}$ 4  
2  
0  
-2  
-4

60

80

100

120

140

160

180

200

 $m_{\text{SD}}$  (GeV)