

35.9 fb<sup>-1</sup> (13 TeV)**CMS** $675 < p_T < 800$  GeV

Deep AK8

Passing region

--- W

... Z

- - -  $t\bar{t}$ 

--- Multijet

Total background

• Data

Events / 7 GeV

160

140

120

100

80

60

40

20

0

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

30

20

10

0

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