

35.9 fb<sup>-1</sup> (13 TeV)**CMS**675 < p<sub>T</sub> < 800 GeV

Deep AK8

Passing region

--- W

... Z

- - - t $\bar{t}$ 

--- Multijet

Total background

• Data

Events / 7 GeV

600

500

400

300

200

100

0

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

4

2

0

-2

-4

60

80

100

120

140

160

180

200

m<sub>SD</sub> (GeV)