

35.9 fb⁻¹ (13 TeV)**CMS**800 < p_T < 1200 GeV

Deep AK8

Passing region

--- W

... Z

- · - t \bar{t}

--- Multijet

■ Total background

● Data

Events / 7 GeV

300

250

200

150

100

50

0

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

4

2

0

-2

-4

60

80

100

120

140

160

180

200

m_{SD} (GeV)