

35.9 fb⁻¹ (13 TeV)

CMS

450 < p_T < 500 GeV

Deep AK8

Passing region

W

Z

t \bar{t}

Multijet

Total background

• Data

500

400

300

200

100

0

Events / 7 GeV

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

40

20

0

60

80

100

120

140

160

m_{SD} (GeV)

