

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

Events / 7 GeV

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

60

80

100

120

140

160

m_{SD} (GeV)

40

20

0

60

80

100

120

140

160

m_{SD} (GeV)