

137 fb<sup>-1</sup> (13 TeV)

Events / 7 GeV

**CMS** Preliminary

450 < p<sub>T</sub> < 500 GeV  
Deep double-b tagger  
Passing region

--- W  
... Z  
- - - tt̄  
- - - Multijet  
▨ Total background  
■ H(bb̄), μ<sub>H</sub> = 3.7  
● Data

10000  
8000  
6000  
4000  
2000  
0

Data - Bkg  
σ<sub>Data</sub>

4  
2  
0  
-2

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

