

**CMS**

137 fb<sup>-1</sup> ( $\sqrt{s} = 13$  TeV)

Bkg.

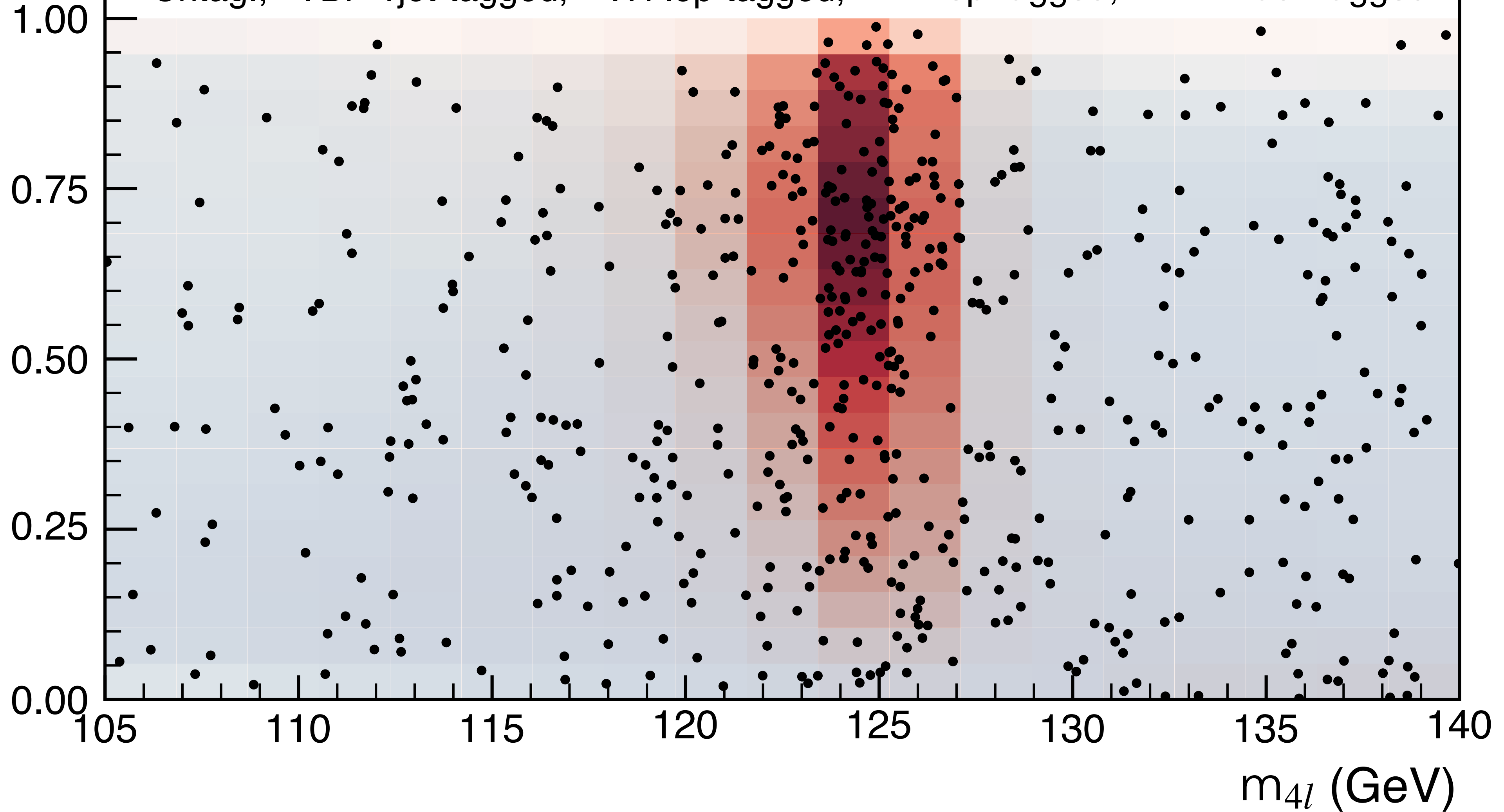
Sig.

$D_{\text{bkg}}^{\text{kin}}$

$105 < m_{4l} < 140$  GeV

● Data

Untag., VBF-1jet-tagged, VH-lep-tagged,  $t\bar{t}H$ -lep-tagged,  $t\bar{t}H$ -hadr-tagged



10<sup>0</sup>

10<sup>-1</sup>

6

5

4

3

2

1

Expected number of events