

Events

CMS

137  $\text{fb}^{-1}$  (13 TeV)

10<sup>2</sup>

10<sup>1</sup>

1

Untagged-0j-p<sub>T</sub><sup>4l</sup>[0,10]

Untagged-0j-p<sub>T</sub><sup>4l</sup>[10,200]

Untagged-1j-p<sub>T</sub><sup>4l</sup>[0,60]

Untagged-1j-p<sub>T</sub><sup>4l</sup>[60,120]

Untagged-1j-p<sub>T</sub><sup>4l</sup>[120,200]

Untagged-2j-p<sub>T</sub><sup>4l</sup>[0,60]

Untagged-2j-p<sub>T</sub><sup>4l</sup>[60,120]

Untagged-2j-p<sub>T</sub><sup>4l</sup>[120,200]

Untagged-2j-m<sub>jj</sub>>200

Untagged-2j-m<sub>jj</sub>>350

VBF-1jet-tagged

VBF-rest

VBF-2jet-tagged-m<sub>jj</sub>[350,700]

VBF-2jet-tagged-m<sub>jj</sub>>700

VBF-3jet-tagged-m<sub>jj</sub>>350

VBF-2jet-tagged-p<sub>T</sub><sup>4l</sup>>200

VH-hadronic-tagged-m<sub>jj</sub>[60,120]

VH-leptonic-tagged-p<sub>T</sub><sup>4l</sup>[0,150]

VH-leptonic-tagged-p<sub>T</sub><sup>4l</sup>>150

ttH-leptonic-tagged

ttH-hadronic-tagged

- H(125) ggH
- H(125) VBF
- H(125) VH
- H(125) ttH
- H(125) tH
- H(125) bbH

- q $\bar{q}$ →ZZ, Z $\gamma^*$
- gg→ZZ, Z $\gamma^*$
- EW
- Z+X
- Data