

CMS4.9 fb⁻¹ (7 TeV) + 19.4 fb⁻¹ (8 TeV)

Expected Significance

25
20
15
10
5
0

- H → WW (all channels)
- - - 2l2v + 0/1-jet
- ⋯ 2l2v + 2-jets, VBF tag
- 2l2v + 2-jets, VH tag
- - - 3l3v, WH tag
- ⋯ 3lv + 2-jets, ZH tag

110

200

300

400

500

600

Higgs boson mass [GeV]

