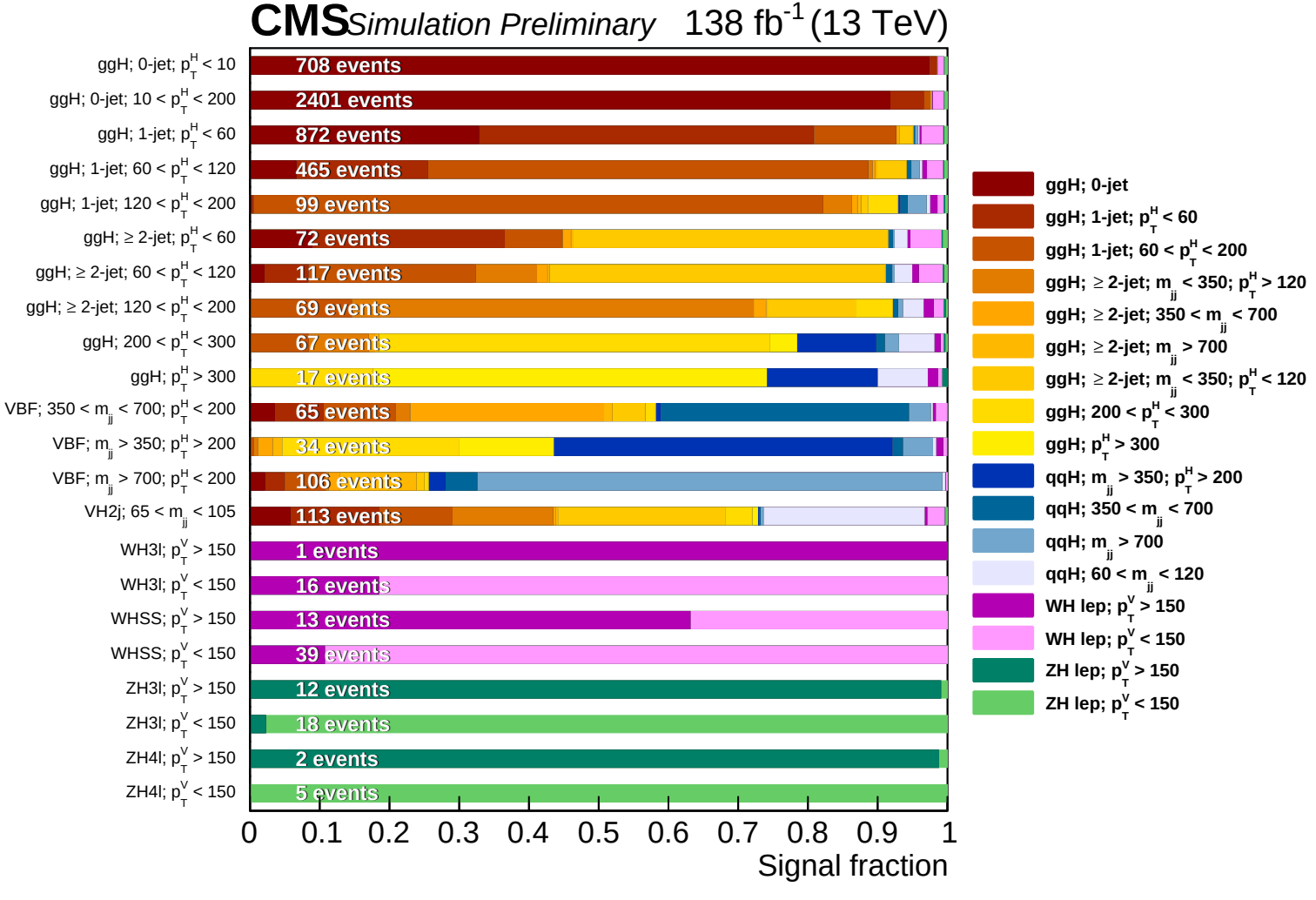
CMS Simulation Preliminary 138 fb-1 (13 TeV)
ggH; 0-jet; pTH < 10
ggH; 0-jet; 10 < pTH < 200
ggH; 1-jet; pTH < 60
ggH; 1-jet; 60 < pTH < 120
ggH; 1-jet; 120 < pTH < 200
ggH; ≥ 2-jet; pTH < 60
ggH; ≥ 2-jet; 60 < pTH < 120
ggH; ≥ 2-jet; 120 < pTH < 200
ggH; 200 < pTH < 300
ggH; pTH > 300
VBF; 350 < mjj < 700; pTH < 200
VBF; mjj > 350; pTH > 200
VBF; mjj > 700; pTH < 200
VH2j; 65 < mjj < 105
WH3l; pTV > 150
WH3l; pTV < 150
WHSS; pTV > 150
WHSS; pTV < 150
ZH3l; pTV > 150
ZH3l; pTV < 150
ZH4l; pTV > 150
ZH4l; pTV < 150
708 events
2401 events
872 events
465 events
99 events
72 events
117 events
69 events
67 events
17 events
65 events
34 events
106 events
113 events
1 events
16 events
13 events
39 events
12 events
18 events
2 events
5 events
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Signal fraction
ggH; 0-jet
ggH; 1-jet; pTH < 60
ggH; 1-jet; 60 < pTH < 200
ggH; ≥ 2-jet; mjj < 350; pTH > 120
ggH; ≥ 2-jet; 350 < mjj < 700
ggH; ≥ 2-jet; mjj > 700
ggH; ≥ 2-jet; mjj < 350; pTH < 120
ggH; 200 < pTH < 300
ggH; pTH > 300
qqH; mjj > 350; pTH > 200
qqH; 350 < mjj < 700
qqH; mjj > 700
qqH; 60 < mjj < 120
WH lep; pTV > 150
WH lep; pTV < 150
ZH lep; pTV > 150
ZH lep; pTV < 150