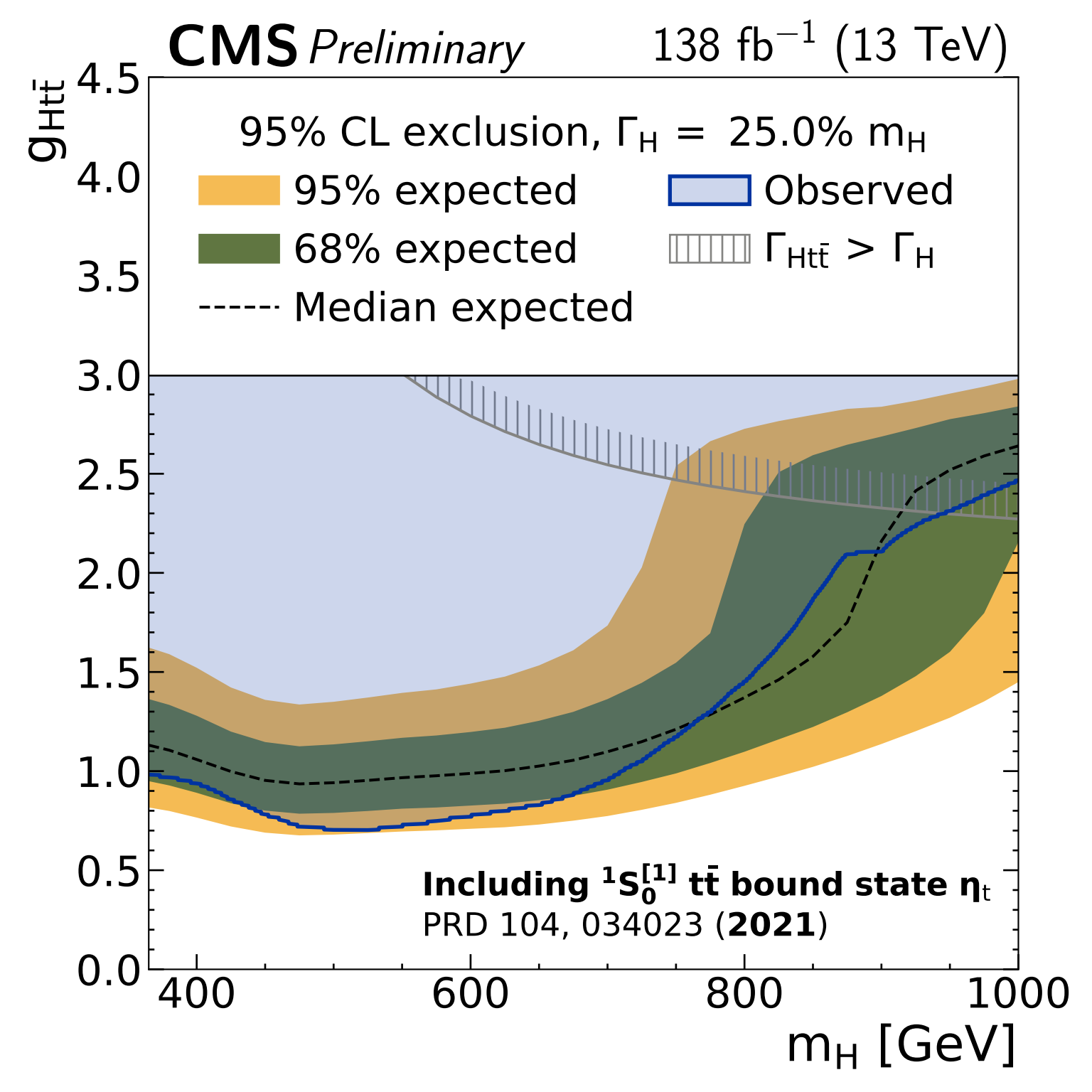
CMS Preliminary
138 fb^{-1} (13 TeV)
95% CL exclusion, Γ_H = 25.0% m_H
95% expected
68% expected
Median expected
Observed
$\Gamma_{Ht\bar{t}} > \Gamma_H$
Including $^1S_0^{[1]}$ $t\bar{t}$ bound state η_t
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$g_{Ht\bar{t}}$
m_H [GeV]
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
400
600
800
1000