

5.1 fb⁻¹ (7 TeV) + 19.7 fb⁻¹ (8 TeV) + 138 fb⁻¹ (13 TeV)

CMS



Total



Stat



Syst

Tot

Stat

Syst

ATLAS H→4l 7 + 8 + 13 TeV

Phys. Lett. B 843 (2023) 137880



$124.94 \pm 0.18 (\pm 0.17 \pm 0.03)$ GeV

CMS H→4l 7 + 8 + 13 TeV

Phys. Rev. D 111 (2025) 092014



$125.08 \pm 0.12 (\pm 0.10 \pm 0.05)$ GeV

ATLAS H→γγ 7 + 8 + 13 TeV

Phys. Lett. B 847 (2023) 138315



$125.22 \pm 0.14 (\pm 0.11 \pm 0.09)$ GeV

CMS H→γγ 7 + 8 + 13 TeV

This Work



$125.06 \pm 0.14 (\pm 0.09 \pm 0.11)$ GeV

122

123

124

125

126

127

128

m_H (GeV)