

CMS

Run 2: 138 fb⁻¹ (13 TeV)

Run 1: 5.1 fb⁻¹ (7 TeV) + 19.7 fb⁻¹ (8 TeV)

—●— Total □ Stat. Only

Total (Stat. Only)

4μ

124.90^{+0.15}_{-0.15} (^{+0.14}_{-0.14}) GeV

4e

124.70^{+0.53}_{-0.51} (^{+0.49}_{-0.47}) GeV

2e2μ

125.50^{+0.27}_{-0.26} (^{+0.25}_{-0.24}) GeV

2μ2e

125.20^{+0.29}_{-0.27} (^{+0.27}_{-0.26}) GeV

Run 2

125.04^{+0.12}_{-0.12} (^{+0.11}_{-0.11}) GeV

Run 1

125.60^{+0.46}_{-0.45} (^{+0.43}_{-0.41}) GeV

Run 1 + Run 2

125.08^{+0.12}_{-0.12} (^{+0.10}_{-0.10}) GeV

122

124

126

128

130

m_H (GeV)