

..... World comb. (Mar 2014) [2]

■ stat

■ total uncertainty



LHC comb. (Sep 2013) LHCtopWG

World comb. (Mar 2014)

ATLAS, l+jets

ATLAS, dilepton

ATLAS, all jets

ATLAS, single top

ATLAS, dilepton

ATLAS, all jets

ATLAS, l+jets

ATLAS comb. (Oct 2018)

ATLAS, leptonic invariant mass (*)

CMS, l+jets

CMS, dilepton

CMS, all jets

CMS, l+jets

CMS, dilepton

CMS, all jets

CMS, single top

CMS comb. (Sep 2015)

CMS, l+jets

CMS, dilepton

CMS, all jets

CMS, single top

$m_{\text{top}} \pm \text{total (stat} \pm \text{syst)}$

173.29 \pm 0.95 (0.35 \pm 0.88)

173.34 \pm 0.76 (0.36 \pm 0.67)

172.33 \pm 1.27 (0.75 \pm 1.02)

173.79 \pm 1.41 (0.54 \pm 1.30)

175.1 \pm 1.8 (1.4 \pm 1.2)

172.2 \pm 2.1 (0.7 \pm 2.0)

172.99 \pm 0.85 (0.41 \pm 0.74)

173.72 \pm 1.15 (0.55 \pm 1.01)

172.08 \pm 0.91 (0.39 \pm 0.82)

172.69 \pm 0.48 (0.25 \pm 0.41)

174.48 \pm 0.78 (0.40 \pm 0.67)

173.49 \pm 1.06 (0.43 \pm 0.97)

172.50 \pm 1.52 (0.43 \pm 1.46)

173.49 \pm 1.41 (0.69 \pm 1.23)

172.35 \pm 0.51 (0.16 \pm 0.48)

172.82 \pm 1.23 (0.19 \pm 1.22)

172.32 \pm 0.64 (0.25 \pm 0.59)

172.95 \pm 1.22 (0.77 \pm 0.95)

172.44 \pm 0.48 (0.13 \pm 0.47)

172.25 \pm 0.63 (0.08 \pm 0.62)

172.33 \pm 0.70 (0.14 \pm 0.69)

172.34 \pm 0.73 (0.20 \pm 0.70)

172.13 \pm 0.77 (0.32 \pm 0.70)

\sqrt{s} Ref.

7 TeV [1]

1.96-7 TeV [2]

7 TeV [3]

7 TeV [3]

7 TeV [4]

8 TeV [5]

8 TeV [6]

8 TeV [7]

8 TeV [8]

7+8 TeV [8]

13 TeV [9]

7 TeV [10]

7 TeV [11]

7 TeV [12]

8 TeV [13]

8 TeV [13]

8 TeV [13]

8 TeV [14]

7+8 TeV [13]

13 TeV [15]

13 TeV [16]

13 TeV [17]

13 TeV [18]

[1] ATLAS-CONF-2013-102

[2] arXiv:1403.4427

[3] EPJC 75 (2015) 330

[4] EPJC 75 (2015) 158

[5] ATLAS-CONF-2014-055

[6] PLB 761 (2016) 350

[7] JHEP 09 (2017) 118

[8] EPJC 79 (2019) 290

[9] ATLAS-CONF-2019-046

[10] JHEP 12 (2012) 105

[11] EPJC 72 (2012) 2202

[12] EPJC 74 (2014) 2758

[13] PRD 93 (2016) 072004

[14] EPJC 77 (2017) 354

[15] EPJC 78 (2018) 891

[16] EPJC 79 (2019) 368

[17] EPJC 79 (2019) 313

[18] arXiv:2108.10407

* Preliminary

165

170

175

180

185

m_{top} [GeV]