

ATLAS Preliminary

September 2019

m_{top} from cross-section measurements

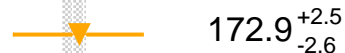
NNLO+NNLL: $t\bar{t}$ inclusive, 7 TeV 2014



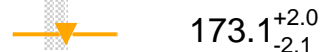
NNLO+NNLL: $t\bar{t}$ inclusive, 8 TeV 2014



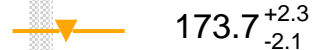
NNLO+NNLL: $t\bar{t}$ inclusive, 7-8 TeV 2014



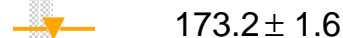
NNLO+NNLL: $t\bar{t}$ inclusive, 13 TeV 2019



NLO: $t\bar{t}+1$ jet, 7 TeV 2015



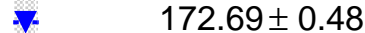
NLO: $t\bar{t}$ leptonic differential, 8 TeV 2017



NLO: $t\bar{t}+1$ jet, 8 TeV 2019



m_{top} from top quark decay, 2018



140

150

160

170

180

190

m_{top} [GeV]