

W-boson mass

LEP2

Tevatron

ATLAS

LHeC ($E_e=60\text{GeV}$, $\delta_{\text{unc.}}=0.5\%$)

LHeC ($E_e=60\text{GeV}$, $\delta_{\text{unc.}}=0.25\%$)

LHeC ($E_e=50\text{GeV}$, $\delta_{\text{unc.}}=0.5\%$)

LHeC ($E_e=50\text{GeV}$, $\delta_{\text{unc.}}=0.25\%$)

PDG [2019]

80.35

m_W [GeV]

80.4

