

● Fit constraint (obs.)

— +1 σ impact (obs.)

— -1 σ impact (obs.)

■ Fit constraint (exp.)

■ +1 σ impact (exp.)

■ -1 σ impact (exp.)

CMS

$$\hat{r} = 0.90^{+0.04}_{-0.04}$$

ME and PS matching (h_{damp})

Heavy-flavour b tagging

Trigger efficiencies

L1 inefficiency

Final-state radiation

JES-Flavour

tW normalization

W+jets norm. in 4j1b

JES-RelJER

Electron efficiencies

Muon efficiencies

MC stat. in bin 4 of μ -3j1b

MC stat. in bin 0 of μ -3j1b

Jet Energy Resolution

MC stat. in bin 1 of e-3j1b

