CMS *Preliminary* 138 fb^{-1} (13 TeV)
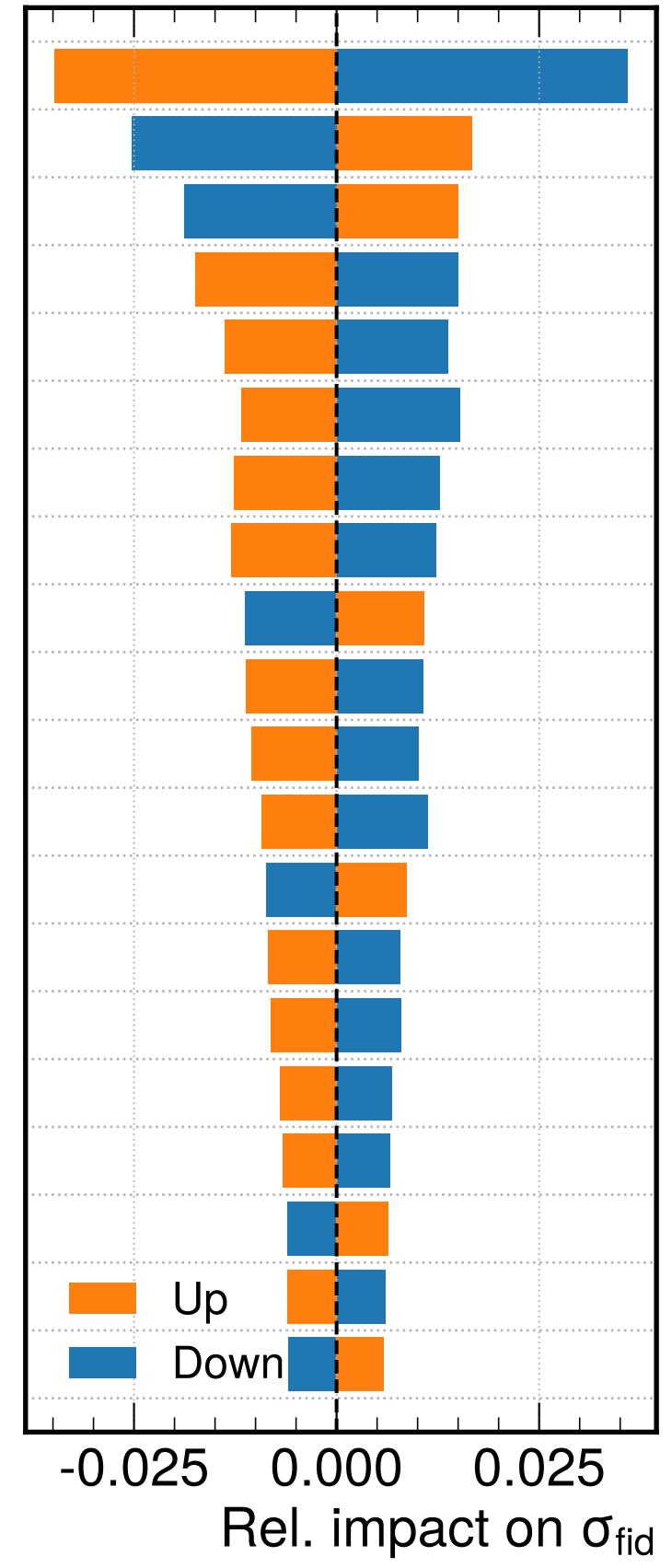
1	b tagging (b jets, type3)
2	Parton shower FSR ($t\bar{t}$+light)
3	Renormalization norm ($t\bar{t}$B OOA)
4	Renormalization scale ($t\bar{t}$)
5	Jet energy scale (Absolute)
6	Parton shower ISR ($t\bar{t}$B)
7	Luminosity (2016,2017,2018)
8	b tagging (b jets, tight WP, 2018)
9	b tagging (light jets, medium WP 2017)
10	Colour reconnection (QCD based)
11	b tagging (b jets, tight WP, 2016postVFP)
12	Renormalization scale ($t\bar{t}$B)
13	b tagging (light jets, medium WP 2018)
14	b tagging (light jets)
15	Jet energy scale (BBEC1)
16	Jet energy scale (Relative sample, 2016)
17	Luminosity (2018)
18	Level-1 prefiring
19	Electron trigger (2016ULpreVFP)
20	Jet energy scale (bottom)

Post-fit nuisance values

Rel. impact on σ_{fid}

Up

Down

Phase space: ≥ 5 jets: ≥ 3b

Observable: $|\eta(b_3)|$