

PDF set	Scale factor	Impact in $m_W$ (MeV)	
		Original $\sigma_{\text{PDF}}$	Scaled $\sigma_{\text{PDF}}$
CT18Z	–	4.4	
CT18	–	4.6	
PDF4LHC21	–	4.1	
MSHT20	1.5	4.3	5.1
MSHT20aN3LO	1.5	4.2	4.9
NNPDF3.1	3.0	3.2	5.3
NNPDF4.0	5.0	2.4	6.0