

PDF set	$\sigma(W+c)$ [pb]	$\Delta_{\text{PDF}}$ [pb]	$\Delta_{\text{scales}}$ [pb]	$\Delta_{\alpha_s}$ [pb]	Total uncert. [pb]
MMHT14	182.9	+15.4 -11.1	+7.3 -7.9	$\pm 0.01$	+17.1 -13.6
CT18	164.9	+11.1 -8.7	+6.1 -6.8	+0.9 -0.8	+12.7 -11.1
CT18Z	176.4	+13.5 -10.5	+7.0 -7.4	+0.6 -0.5	+15.2 -12.8
ABMP16	183.6	$\pm 3.3$	+7.2 -7.8	+1.5 -0.9	+8.1 -8.5
NNPDF3.0	161.9	$\pm 6.2$	+5.8 -6.7	$\pm 0.01$	+8.5 -9.1
NNPDF3.1	175.2	$\pm 6.1$	+6.6 -7.3	$\pm 0.01$	+9.0 -9.5
CMS	$163.4 \pm 0.5$ (stat) $\pm 6.2$ (syst) pb				