

PDF set	$\sigma(W+c)$ [pb]	$\Delta_{\text{PDF}}$ [pb]	$\Delta_{\text{scales}}$ [pb]	$\Delta_{\alpha_s}$ [pb]	Total uncert. [pb]
MSHT20	176.3	+6.8 -6.3	+6.8 -7.4	$\pm 0.01$	+9.6 -9.7
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	+7.9 -8.4
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	$\pm 0.01$	+9.1 -9.5

CMS:  $163.4 \pm 0.5$  (stat)  $\pm 6.2$  (syst) pb