

System	Fiducial cross section
$pp \rightarrow W^+(e^+\nu) + X, \sqrt{s} = 8 \text{ TeV} (p_T^e > 25 \text{ GeV}, \eta^e < 1.44, 1.57 < \eta^e < 2.5)$	
Measurement [?]	$3540 \pm 20 \text{ (stat)} \pm 110 \text{ (syst)} \pm 90 \text{ (lumi)} \text{ pb}$
FEWZ (NNLO, MSTW2008) [?]	$3450 \pm 120 \text{ pb}$
MCFM (NNLO, CT14)	$3522_{-123}^{+113} \text{ (PDF)} \pm 46 (\alpha_S) \pm 35 \text{ (scale)} \pm 21 \text{ (stat)} \text{ pb}$
MCFM (NNLO, HERAPDF2.0)	$3721_{-97}^{+127} \text{ (PDF)} \pm 26 (\alpha_S) \pm 48 \text{ (scale)} \pm 22 \text{ (stat)} \text{ pb}$
MCFM (NNLO, MMHT14)	$3581_{-137}^{+61} \text{ (PDF)} \pm 71 (\alpha_S) \pm 38 \text{ (scale)} \pm 20 \text{ (stat)} \text{ pb}$
MCFM (NNLO, NNPDF3.0)	$3515 \pm 75 \text{ (PDF)} \pm 68 (\alpha_S) \pm 42 \text{ (scale)} \pm 20 \text{ (stat)} \text{ pb}$
MCSANC (NLO EW correction, NNPDF3.0)	$-45 \text{ pb} \text{ (-1.2\%)}$
$pp \rightarrow W^-(e^-\bar{\nu}) + X, \sqrt{s} = 8 \text{ TeV} (p_T^e > 25 \text{ GeV}, \eta^e < 1.44, 1.57 < \eta^e < 2.5)$	
Measurement [?]	$2390 \pm 10 \text{ (stat)} \pm 60 \text{ (syst)} \pm 60 \text{ (lumi)} \text{ pb}$
FEWZ (NNLO, MSTW2008) [?]	$2380 \pm 90 \text{ pb}$
MCFM (NNLO, CT14)	$2426_{-61}^{+69} \text{ (PDF)} \pm 48 (\alpha_S) \pm 14 \text{ (scale)} \pm 8 \text{ (stat)} \text{ pb}$
MCFM (NNLO, HERAPDF2.0)	$2513_{-44}^{+51} \text{ (PDF)} \pm 21 (\alpha_S) \pm 21 \text{ (scale)} \pm 10 \text{ (stat)} \text{ pb}$
MCFM (NNLO, MMHT14)	$2445_{-67}^{+40} \text{ (PDF)} \pm 55 (\alpha_S) \pm 26 \text{ (scale)} \pm 8 \text{ (stat)} \text{ pb}$
MCFM (NNLO, NNPDF3.0)	$2375 \pm 51 \text{ (PDF)} \pm 34 (\alpha_S) \pm 14 \text{ (scale)} \pm 8 \text{ (stat)} \text{ pb}$
MCSANC (NLO EW correction, NNPDF3.0)	$-30 \text{ pb} \text{ (-1.2\%)}$
$pp \rightarrow Z(e^+e^-) + X, \sqrt{s} = 8 \text{ TeV} (p_T^e > 25 \text{ GeV}, \eta^e < 1.44, 1.57 < \eta^e < 2.5, 60 < m_Z < 120 \text{ GeV})$	
Measurement [?]	$450 \pm 10 \text{ (stat)} \pm 10 \text{ (syst)} \pm 10 \text{ (lumi)} \text{ pb}$
FEWZ (NNLO, MSTW2008) [?]	$450 \pm 20 \text{ pb}$
MCFM (NNLO, CT14)	$437_{-15}^{+11} \text{ (PDF)} \pm 7 (\alpha_S) \pm 2 \text{ (scale)} \pm 1 \text{ (stat)} \text{ pb}$
MCFM (NNLO, HERAPDF2.0)	$451_{-11}^{+7} \text{ (PDF)} \pm 4 (\alpha_S) \pm 2 \text{ (scale)} \pm 1 \text{ (stat)} \text{ pb}$
MCFM (NNLO, MMHT14)	$441_{-6}^{+11} \text{ (PDF)} \pm 9 (\alpha_S) \pm 3 \text{ (scale)} \pm 1 \text{ (stat)} \text{ pb}$
MCFM (NNLO, NNPDF3.0)	$429 \pm 9 \text{ (PDF)} \pm 6 (\alpha_S) \pm 2 \text{ (scale)} \pm 1 \text{ (stat)} \text{ pb}$
MCSANC (NLO EW correction, NNPDF3.0)	$-13 \text{ pb} \text{ (-2.7\%)}$
$pp \rightarrow W^+(\mu^+\nu) + X, \sqrt{s} = 8 \text{ TeV} (p_T^\mu > 25 \text{ GeV}, \eta^\mu < 2.1)$	
Measurement [?]	$3100 \pm 10 \text{ (stat)} \pm 40 \text{ (syst)} \pm 80 \text{ (lumi)} \text{ pb}$
FEWZ (NNLO, MSTW2008) [?]	$3140 \pm 110 \text{ pb}$
MCFM (NNLO, CT14)	$3108_{-87}^{+94} \text{ (PDF)} \pm 50 (\alpha_S) \pm 34 \text{ (scale)} \pm 19 \text{ (stat)} \text{ pb}$
MCFM (NNLO, HERAPDF2.0)	$3309_{-153}^{+20} \text{ (PDF)} \pm 36 (\alpha_S) \pm 34 \text{ (scale)} \pm 17 \text{ (stat)} \text{ pb}$
MCFM (NNLO, MMHT14)	$3148_{-95}^{+67} \text{ (PDF)} \pm 66 (\alpha_S) \pm 29 \text{ (scale)} \pm 15 \text{ (stat)} \text{ pb}$
MCFM (NNLO, NNPDF3.0)	$3095 \pm 69 \text{ (PDF)} \pm 60 (\alpha_S) \pm 21 \text{ (scale)} \pm 18 \text{ (stat)} \text{ pb}$
MCSANC (NLO EW correction, NNPDF3.0)	$-77 \text{ pb} \text{ (-2.4\%)}$
$pp \rightarrow W^-(\mu^-\bar{\nu}) + X, \sqrt{s} = 8 \text{ TeV} (p_T^\mu > 25 \text{ GeV}, \eta^\mu < 2.1)$	
Measurement [?]	$2240 \pm 10 \text{ (stat)} \pm 20 \text{ (syst)} \pm 60 \text{ (lumi)} \text{ pb}$
FEWZ (NNLO, MSTW2008) [?]	$2220 \pm 80 \text{ pb}$
MCFM (NNLO, CT14)	$2187_{-56}^{+74} \text{ (PDF)} \pm 38 (\alpha_S) \pm 14 \text{ (scale)} \pm 6 \text{ (stat)} \text{ pb}$
MCFM (NNLO, HERAPDF2.0)	$2274_{-20}^{+40} \text{ (PDF)} \pm 19 (\alpha_S) \pm 17 \text{ (scale)} \pm 7 \text{ (stat)} \text{ pb}$
MCFM (NNLO, MMHT14)	$2200_{-36}^{+42} \text{ (PDF)} \pm 46 (\alpha_S) \pm 20 \text{ (scale)} \pm 7 \text{ (stat)} \text{ pb}$
MCFM (NNLO, NNPDF3.0)	$2148 \pm 48 \text{ (PDF)} \pm 31 (\alpha_S) \pm 17 \text{ (scale)} \pm 7 \text{ (stat)} \text{ pb}$
MCSANC (NLO EW correction, NNPDF3.0)	$-47 \text{ pb} \text{ (-2.1\%)}$
$pp \rightarrow Z(\mu^+\mu^-) + X, \sqrt{s} = 8 \text{ TeV} (p_T^\mu > 25 \text{ GeV}, \eta^\mu < 2.1, 60 < m_Z < 120 \text{ GeV})$	
Measurement [?]	$400 \pm 10 \text{ (stat)} \pm 10 \text{ (syst)} \pm 10 \text{ (lumi)} \text{ pb}$
FEWZ (NNLO, MSTW2008) [?]	$400 \pm 10 \text{ pb}$
MCFM (NNLO, CT14)	$389_{-12}^{+12} \text{ (PDF)} \pm 6 (\alpha_S) \pm 2 \text{ (scale)} \pm 1 \text{ (stat)} \text{ pb}$
MCFM (NNLO, HERAPDF2.0)	$401_{-8}^{+6} \text{ (PDF)} \pm 3 (\alpha_S) \pm 2 \text{ (scale)} \pm 1 \text{ (stat)} \text{ pb}$
MCFM (NNLO, MMHT14)	$391_{-3}^{+11} \text{ (PDF)} \pm 8 (\alpha_S) \pm 2 \text{ (scale)} \pm 1 \text{ (stat)} \text{ pb}$
MCFM (NNLO, NNPDF3.0)	$381 \pm 8 \text{ (PDF)} \pm 6 (\alpha_S) \pm 2 \text{ (scale)} \pm 1 \text{ (stat)} \text{ pb}$
MCSANC (NLO EW correction, NNPDF3.0)	$-16 \text{ pb} \text{ (-3.9\%)}$