

- **Fiducial cross section** corrected for efficiency factor ( $C_{W/Z}$ ), adjusted to data/MC differences 
$$\sigma_{fid} = \frac{N - B}{C_{W/Z} \cdot L_{int}}, \quad \sigma_{tot} = \frac{\sigma_{fid}}{A_{W/Z}}$$
- **Total cross section** corrected for acceptance ( $A_{W/Z} \sim 0.45 - 0.50$ ) based on MC@NLO and CTEQ 6.6 NLO PDF set
- Theoretical uncert. on  $A_{W/Z}$  from error-set, PDF sets, MC@NLO-PowHEG and PYTHIA-HERWIG comparisons ( $\delta A_{W^\pm} \sim 1.5\%$ ,  $\delta A_Z \sim 2.0\%$ )

$\sigma_W^{fid} \cdot \text{BR}(W \rightarrow l \nu)$	$5.123 \pm 0.011(\text{sta}) \pm 0.064(\text{sys}) \pm 0.174(\text{lum}) \pm 0.005(\text{acc})$ [nb]
$\sigma_{W^+}^{fid} \cdot \text{BR}(W \rightarrow l \nu)$	$3.108 \pm 0.008(\text{sta}) \pm 0.038(\text{sys}) \pm 0.106(\text{lum}) \pm 0.004(\text{acc})$ [nb]
$\sigma_{W^-}^{fid} \cdot \text{BR}(W \rightarrow l \nu)$	$2.016 \pm 0.007(\text{sta}) \pm 0.028(\text{sys}) \pm 0.069(\text{lum}) \pm 0.002(\text{acc})$ [nb]
$\sigma_{Z/\gamma^*}^{fid} \cdot \text{BR}(Z/\gamma^* \rightarrow ll)$	$0.479 \pm 0.003(\text{sta}) \pm 0.005(\text{sys}) \pm 0.016(\text{lum}) \pm 0.001(\text{acc})$ [nb]
$\sigma_W^{tot} \cdot \text{BR}(W \rightarrow l \nu)$	$10.197 \pm 0.021(\text{sta}) \pm 0.127(\text{sys}) \pm 0.347(\text{lum}) \pm 0.165(\text{acc})$ [nb]
$\sigma_{W^+}^{tot} \cdot \text{BR}(W \rightarrow l \nu)$	$6.041 \pm 0.016(\text{sta}) \pm 0.077(\text{sys}) \pm 0.205(\text{lum}) \pm 0.096(\text{acc})$ [nb]
$\sigma_{W^-}^{tot} \cdot \text{BR}(W \rightarrow l \nu)$	$4.156 \pm 0.014(\text{sta}) \pm 0.058(\text{sys}) \pm 0.141(\text{lum}) \pm 0.083(\text{acc})$ [nb]
$\sigma_{Z/\gamma^*}^{tot} \cdot \text{BR}(Z/\gamma^* \rightarrow ll)$	$0.937 \pm 0.006(\text{sta}) \pm 0.009(\text{sys}) \pm 0.032(\text{lum}) \pm 0.016(\text{acc})$ [nb]