

NNLO, FEWZ+MSTW08 prediction  
[with MSTW08NNLO 68% CL uncertainty]

10.74  $\pm$  0.04

**$W \rightarrow e\nu, Z \rightarrow ee$**

10.56  $\pm$  0.12<sub>stat.</sub>  $\pm$  0.19<sub>syst.</sub>

**$W \rightarrow \mu\nu, Z \rightarrow \mu\mu$**

10.52  $\pm$  0.09<sub>stat.</sub>  $\pm$  0.20<sub>syst.</sub>

**$W \rightarrow l\nu, Z \rightarrow ll$  (combined)**

10.54  $\pm$  0.07<sub>stat.</sub>  $\pm$  0.18<sub>syst.</sub>

0 2 4 6 8 10 12 14

$R_{W/Z} = [ \sigma \times B ](W) / [ \sigma \times B ](Z)$