

|                               | $W^+ \rightarrow \ell^+ \nu$ | $W^- \rightarrow \ell^- \bar{\nu}$ | $W \rightarrow \ell \nu$ | $Z \rightarrow \ell^+ \ell^-$ | $W^+ / W^-$ | $W / Z$ |
|-------------------------------|------------------------------|------------------------------------|--------------------------|-------------------------------|-------------|---------|
| Total                         | 0.35                         | 0.35                               | 0.29                     | 0.40                          | 0.40        | 0.27    |
| Efficiency (stat)             | 0.23                         | 0.21                               | 0.17                     | 0.26                          | 0.29        | 0.11    |
| Trigger prefire correction    | 0.17                         | 0.16                               | 0.17                     | 0.26                          | 0.01        | 0.09    |
| QCD multijet (syst)           | 0.16                         | 0.16                               | 0.11                     | 0.14                          | 0.25        | 0.17    |
| EW + $t\bar{t}$ cross section | 0.10                         | 0.11                               | 0.10                     | 0.01                          | 0.01        | 0.10    |
| MC sim. stat                  | 0.10                         | 0.11                               | 0.08                     | 0.12                          | 0.13        | 0.12    |
| Efficiency (syst)             | 0.08                         | 0.09                               | 0.08                     | 0.15                          | 0.01        | 0.08    |
| PDF + $\alpha_S$              | 0.08                         | 0.07                               | 0.05                     | 0.03                          | 0.11        | 0.06    |
| $\mu_R$ and $\mu_F$ scales    | 0.07                         | 0.07                               | 0.07                     | 0.07                          | 0.03        | 0.05    |
| QCD multijet (stat)           | 0.02                         | 0.03                               | 0.02                     | 0.02                          | 0.04        | 0.02    |
| Hadronic recoil calibration   | 0.02                         | 0.02                               | 0.02                     | 0.02                          | 0.01        | 0.02    |