

| Systematic Effect | SM W/Z and Z' | $t\bar{t}$ |
|---|-----------------------|------------|
| NLO EWK p_T corrections $^\Delta$ | (15%,25%,35%,35%,35%) | - |
| NLO QCD p_T corrections | 10% | - |
| Jet energy/mass resolution † | 10% | - |
| Top normalization | - | 10% |
| W boson tagging ($N_2^{1,DDT}$) scale factor | 9% | - |
| W/Z ratio NLO p_T corrections | 5% | - |
| Integrated luminosity | 2.2% | - |
| Top mis-tagging efficiency | - | 2% |
| Trigger efficiency | 2% | - |
| Jet energy/mass scale p_T dependence $^{\dagger\Delta}$ | (0.5%,1%,1.5%,2%,2%) | - |
| Jet energy/mass scale † | 0.5% | - |
| Lepton veto efficiency | 0.5% | - |