

Systematic effect	Signal (%)	Background (%)
Jet energy scale	+2.2 –2.1	+10.9 –5.2
Trigger	+1.1 –3.3	+3.4 –5.7
b tagging FULLSIM	+2.1 –2.3	+3.9 –4.0
b tagging FASTSIM	+1.2 –1.3	—
W tag efficiency FULLSIM	+9.0 –8.9	+4.6 –4.6
W tag efficiency FASTSIM	+2.2 –2.2	—
W tag mistag efficiency FULLSIM	—	+1.4 –1.4
W antitag mistag efficiency FULLSIM (Q region only)	—	+2.6 –2.6
W mass-tag mistag efficiency FULLSIM (W region only)	—	+2.3 –2.3
Electron identification (T and W region only)	—	+0.2 –0.2
Pileup	+0.5 –0.5	+1.0 –1.1
ISR	+6.6 –6.6	—
Top quark p_T	—	+20.5 –14.4
Z($\rightarrow \nu\bar{\nu}$) + heavy flavor	—	+4.0 –4.0
PDF	20.7	10.7
All	24.4	22.1