

| Uncertainty source | Relative uncertainty (%) | | | |
|--|--------------------------|--------|------|--------|
| | 5j3b | 6j3b3l | 6j4b | 7j4b3l |
| Integrated luminosity | 1.6 | 1.6 | 2.0 | 1.8 |
| Pileup reweighting | 0.2 | 0.8 | 0.4 | 0.5 |
| Lepton and trigger | 1.1 | 0.9 | 1.9 | 1.8 |
| JES, JER | 2.1 | 1.6 | 3.5 | 5.7 |
| b tagging | 4.5 | 3.9 | 7.0 | 9.1 |
| μ_{R} and μ_{F} scales | 2.8 | 6.8 | 8.2 | 12 |
| Top quark p_{T} modelling | 0.3 | 1.0 | 0.6 | 1.3 |
| PDF | 0.2 | 0.7 | 1.0 | 1.9 |
| PS scales | 2.8 | 2.7 | 2.4 | 1.5 |
| ME-PS matching (h_{damp}) | 0.4 | 0.9 | 1.3 | 2.8 |
| Underlying event | 0.4 | <0.1 | 0.4 | 0.4 |
| Colour reconnection | 1.1 | 1.5 | 1.9 | 4.5 |
| b quark fragmentation | 0.3 | 0.4 | 0.4 | 0.4 |
| Inclusive $t\bar{t}C$ cross section | 0.5 | 0.3 | 1.9 | 2.6 |
| MC statistical | 0.8 | 1.6 | 2.4 | 2.8 |
| Total systematic uncertainty | 6.0 | 8.7 | 13 | 17 |
| Statistical uncertainty | 0.6 | 1.2 | 2.2 | 3.3 |
| Total uncertainty | 6.0 | 8.8 | 13 | 17 |