| Sample | ME | Tune | PDF/TMD | $\sigma_\mathrm{I}$ ($\mu$b) | $\sigma_\mathrm{II}$ ($\mu$b) |
|---|---|---|---|---|---|
| Data | — | — | — | $2.77 \pm 0.02\,^{+0.68}_{-0.55}$ | $0.61 \pm 0.01\,^{+0.12}_{-0.10}$ |
| KATIE on-shell + PYTHIA8 | LO $2 \to 4$ | CP5 | NNPDF2.3_NNLO | 4.23 | 2.87 |
| KATIE on-shell + HERWIG7 | LO $2 \to 4$ | CH3 | NNPDF2.3_NNLO | 3.56 | 2.25 |
| KATIE off-shell + CASCADE | LO $2 \to 4$ | — | MRW | 2.40 | 1.46 |
| KATIE off-shell + CASCADE | LO $2 \to 4$ | — | PBTMD | 2.57 | 1.56 |
| MADGRAPH5_aMC@NLO + PYTHIA8 | LO $2 \to 2, 3, 4$ | CP5 | NNPDF2.3_NNLO | 2.69 | 1.26 |
| MADGRAPH5_aMC@NLO + PYTHIA8+VINCIA | LO $2 \to 2, 3, 4$ | Default | NNPDF2.3_LO | 1.93 | 0.90 |
| MADGRAPH5_aMC@NLO + PYTHIA8 | NLO $2 \to 2$ | CP5 | NNPDF2.3_NNLO | 2.12 | 1.03 |
| POWHEG + PYTHIA8 | NLO $2 \to 2$ | CP5 | NNPDF2.3_NNLO | 3.50 | 1.62 |
| POWHEG + PYTHIA8 | NLO $2 \to 3$ | CP5 | NNPDF2.3_NNLO | 2.55 | 1.22 |