

|  | FPS PI (pb)                 | FPS PB (pb)                 | TPS (pb)                    |
|--|-----------------------------|-----------------------------|-----------------------------|
| Measurement                                    | $1.6 \pm 0.1^{+0.5}_{-0.4}$ | $1.6 \pm 0.1^{+0.5}_{-0.4}$ | $5.5 \pm 0.3^{+1.6}_{-1.3}$ |
| POWHEG ( $t\bar{t}$ )                          | $1.1 \pm 0.2$               | $1.0 \pm 0.2$               | $3.5 \pm 0.6$               |
| POWHEG ( $t\bar{t}$ ) + HERWIG++               | $0.8 \pm 0.2$               | $0.8 \pm 0.2$               | $3.0 \pm 0.5$               |
| MADGRAPH5_aMC@NLO (4FS $t\bar{t}b\bar{b}$ )    | $0.8 \pm 0.2$               | $0.8 \pm 0.2$               | $2.3 \pm 0.7$               |
| MADGRAPH5_aMC@NLO (5FS $t\bar{t}$ +jets, FxFx) | $1.0 \pm 0.1$               | $1.0 \pm 0.1$               | $3.6 \pm 0.3$               |