

| Process   | Cross section $\times$ branching fraction (pb)                      |
|---|---|
| $\sigma_{t-\text{ch.,b}} \mathcal{B}(t \rightarrow Wb)$                                   | $216.99 \pm 8.37(\text{scale} \oplus \text{pdf})$                   |
| $\sigma_{t-\text{ch.,b}} (\mathcal{B}(t \rightarrow Ws) + \mathcal{B}(t \rightarrow Wd))$ | $0.41 \pm 0.05(\text{scale} \oplus \text{pdf} \oplus \text{exp})$   |
| $\sigma_{t-\text{ch.,d}} \mathcal{B}(t \rightarrow Wb)$                                   | $0.102 \pm 0.015(\text{scale} \oplus \text{pdf} \oplus \text{exp})$ |
| $\sigma_{t-\text{ch.,s}} \mathcal{B}(t \rightarrow Wb)$                                   | $0.92 \pm 0.11(\text{scale} \oplus \text{pdf} \oplus \text{exp})$   |