

| Source                         | b veto            |          |       |        | b tag     |       |      |        |
|--------------------------------|-------------------|----------|-------|--------|-----------|-------|------|--------|
|                                | 0- and 1-res bkg. |          | Rare  | Signal | Top quark | 0-res | Rare | Signal |
|                                | 0-tag CR          | 1-tag CR |       |        |           |       |      |        |
| Integr. luminosity             | —                 | —        | 1.6   | 1.6    | —         | —     | 1.6  | 1.6    |
| CR data size                   | 6–71              | 5–50     | —     | —      | 3–100     | 2–35  | —    | —      |
| MC sample size                 | 8–25              | 8–30     | 14–24 | 2–5    | 2–28      | 3–40  | 4–27 | 2–5    |
| $\mu_R$ and $\mu_F$            | 1.2               | 0.4      | 8     | <5     | 2–10      | 0.5   | 11   | <5     |
| Trigger efficiency             | —                 | —        | 2–3   | 2–3    | —         | —     | 2–3  | 2–3    |
| b-tag correction               | <1                | <1       | <1    | 1      | 1         | <3    | <3   | 2–3    |
| b <bar>b</bar> -tag correction | —                 | —        | —     | —      | —         | 4     | 2–7  | 4      |
| W-tag correction               | 12–28             | 6–22     | 11–15 | 15     | 1         | 9     | 7    | 9      |
| V-tag correction               | 7–15              | 2–10     | 1–4   | 2      | —         | —     | —    | —      |
| W-tag nonclosure               | 3–48              | 3–48     | —     | —      | —         | —     | —    | —      |
| V-tag nonclosure               | 1–27              | —        | —     | —      | —         | —     | —    | —      |
| 1-res cross sections           | 2                 | 4        | —     | —      | —         | —     | —    | —      |
| Fast simulation                | —                 | —        | —     | 5      | —         | —     | —    | 8      |