

|   | $W^+qq$       | $W^-qq$       | $Zqq$         | $WqWq$        | $ZqHq$        | $VqZq$ semilep. |
|---|---------------|---------------|---------------|---------------|---------------|-----------------|
| Estimated backgrounds                               |               |               |               |               |               |                 |
| $t\bar{t}$ +jets                                    | $23 \pm 2$    | $24 \pm 2$    | $<1$          | $22 \pm 2$    | $1.2 \pm 0.4$ | $<1$            |
| $W$ +jets   | $1906 \pm 41$ | $1082 \pm 32$ | $<1$          | $<1$          | $<1$          | $<1$            |
| $Z$ +jets   | $10 \pm 3$    | $8.7 \pm 1.9$ | $428 \pm 18$  | $55 \pm 5$    | $41 \pm 2$    | $202 \pm 4$     |
| Single top quark                                    | $20 \pm 3$    | $12 \pm 2$    | $<1$          | $1.7 \pm 0.8$ | $<1$          | $<1$            |
| $VV$  | $27 \pm 2$    | $31 \pm 2$    | $7.6 \pm 0.6$ | $3.5 \pm 0.6$ | $<1$          | $3.6 \pm 0.4$   |
| Multijet  | $8.5 \pm 2.5$ | $5.7 \pm 2.0$ | $<1$          | $9.2 \pm 2.6$ | $<1$          | $<1$            |
| Other   | $<1$          | $<1$          | $<1$          | $<1$          | $<1$          | $<1$            |
| Total background                                    | $1995 \pm 41$ | $1163 \pm 33$ | $436 \pm 18$  | $92 \pm 6$    | $43 \pm 2$    | $207 \pm 4$     |
| Observed  | 1838          | 1027          | 421           | 95            | 48            | 201             |
| Signal ( $m_Q = 600$ GeV, $\tilde{\kappa}W = 0.1$ ) | 1.5           | 4.1           | 1.2           | 4.2           | 3.4           | 7.4             |
| Signal ( $m_Q = 1100$ GeV, $\tilde{\kappa}W = 1$ )  | 6.7           | 43.6          | 11.4          | 0.2           | 0.2           | 1.2             |