

| Process          | Yield               |                     |                     |                     |                     |                     |
|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                  | $0 \leq \rho < 0.5$ | $0.5 \leq \rho < 1$ | $1 \leq \rho < 1.5$ | $1.5 \leq \rho < 2$ | $2 \leq \rho < 2.5$ | $2.5 \leq \rho < 3$ |
| DY               | $181 \pm 14$        | $438 \pm 22$        | $607 \pm 27$        | $987 \pm 34$        | $1440 \pm 42$       | $2273 \pm 53$       |
| $t\bar{t}$       | $166 \pm 2$         | $420 \pm 4$         | $603 \pm 5$         | $826 \pm 5$         | $1165 \pm 6$        | $1597 \pm 8$        |
| Single top quark | $2.2 \pm 0.5$       | $6.2 \pm 0.8$       | $9 \pm 1$           | $17 \pm 1$          | $25.5 \pm 1.7$      | $38 \pm 2$          |
| VV(V)            | $0.6 \pm 0.1$       | $1.9 \pm 0.2$       | $2.5 \pm 0.2$       | $3.9 \pm 0.5$       | $5.2 \pm 0.4$       | $9.1 \pm 0.4$       |
| Other            | $0.9 \pm 0.2$       | $3.7 \pm 0.3$       | $5.1 \pm 0.3$       | $8.4 \pm 0.4$       | $11.7 \pm 0.5$      | $18.1 \pm 0.6$      |
| Total bkg.       | $351 \pm 14$        | $870 \pm 22$        | $1227 \pm 27$       | $1842 \pm 34$       | $2647 \pm 42$       | $3935 \pm 54$       |
| Data             | 365                 | 854                 | 1231                | 1834                | 2608                | 3906                |
| Signal           | $71.5 \pm 1.3$      | $122.7 \pm 1.7$     | $86.1 \pm 1.4$      | $48 \pm 1$          | $26.6 \pm 0.8$      | $17.5 \pm 0.6$      |