

| Sample                | 0 W, 0 b        | 0 W, 1 b        | 0 W, 2 b        | 0 W, $\geq 3$ b |
|-----------------------|-----------------|-----------------|-----------------|-----------------|
| T $\bar{T}$ (0.8 TeV) | $2.5 \pm 0.7$   | $5.3 \pm 1.3$   | $3.9 \pm 1.0$   | $1.4 \pm 0.4$   |
| T $\bar{T}$ (1.2 TeV) | $0.23 \pm 0.06$ | $0.42 \pm 0.11$ | $0.26 \pm 0.07$ | $0.09 \pm 0.02$ |
| TOP                   | $103 \pm 41$    | $205 \pm 78$    | $111 \pm 41$    | $16.3 \pm 6.8$  |
| EW                    | $460 \pm 160$   | $80 \pm 30$     | $10.7 \pm 4.0$  | $0.6 \pm 0.2$   |
| QCD                   | $14.1 \pm 6.3$  | $6.2 \pm 3.7$   | $< 1$           | $< 1$           |
| Total bkg.            | $570 \pm 170$   | $292 \pm 84$    | $122 \pm 41$    | $16.9 \pm 6.8$  |
| Data                  | 588             | 288             | 131             | 14              |

| Sample                | $\geq 1$ W, 0 b | $\geq 1$ W, 1 b | $\geq 1$ W, 2 b | $\geq 1$ W, $\geq 3$ b |
|-----------------------|-----------------|-----------------|-----------------|------------------------|
| T $\bar{T}$ (0.8 TeV) | $3.3 \pm 0.9$   | $6.6 \pm 1.7$   | $4.2 \pm 1.1$   | $1.0 \pm 0.3$          |
| T $\bar{T}$ (1.2 TeV) | $0.34 \pm 0.09$ | $0.52 \pm 0.13$ | $0.27 \pm 0.07$ | $0.06 \pm 0.02$        |
| TOP                   | $71 \pm 26$     | $111 \pm 42$    | $56 \pm 20$     | $7.6 \pm 3.3$          |
| EW                    | $180 \pm 50$    | $29.0 \pm 8.4$  | $4.4 \pm 2.0$   | $0.2 \pm 0.1$          |
| QCD                   | $12.6 \pm 7.0$  | $3.5 \pm 2.6$   | $0.2 \pm 0.2$   | $< 1$                  |
| Total bkg.            | $263 \pm 57$    | $143 \pm 43$    | $60 \pm 20$     | $7.8 \pm 3.3$          |
| Data                  | 274             | 155             | 45              | 7                      |

| Sample                | H1b category   | H2b category    |
|-----------------------|----------------|-----------------|
| T $\bar{T}$ (0.8 TeV) | $21.5 \pm 2.1$ | $4.4 \pm 0.7$   |
| T $\bar{T}$ (1.2 TeV) | $1.5 \pm 0.2$  | $0.31 \pm 0.05$ |
| TOP                   | $1050 \pm 220$ | $29.6 \pm 8.6$  |
| EW                    | $45 \pm 11$    | $2.5 \pm 0.9$   |
| QCD                   | $50 \pm 55$    | $4.4 \pm 5.1$   |
| Total bkg.            | $1150 \pm 260$ | $37 \pm 12$     |
| Data                  | 1204           | 43              |