

| b-tags    | $H_T$ (GeV)     | $E_T^{\text{miss}}$ (GeV) | Expected                | Observed | T1tttt<br>( $m_{\tilde{g}}=1000$ GeV, $m_{\tilde{\chi}_1^0}=600$ GeV) | T1tttt<br>( $m_{\tilde{g}}=1150$ GeV, $m_{\tilde{\chi}_1^0}=100$ GeV) | SR   |
|-----------|-----------------|---------------------------|-------------------------|----------|---|---|------|
| 0 b-tags  | 60-400          | 50-150                    | $19.26^{+4.81}_{-4.80}$ | 18       | $0.23 \pm 0.06$   | $0.00 \pm 0.00$   | SR1  |
|           |                 | 150-300                   | $1.16^{+0.31}_{-0.20}$  | 4        | $0.14 \pm 0.04$   | $0.04 \pm 0.01$   | SR2  |
|           | 400-600         | 50-150                    | $1.20^{+0.47}_{-0.40}$  | 3        | $0.05 \pm 0.02$   | $0.00 \pm 0.00$   | SR3  |
|           |                 | 150-300                   | $0.29^{+0.44}_{-0.09}$  | 0        | $0.06 \pm 0.02$   | $0.04 \pm 0.01$   | SR4  |
| 1 b-tags  | 60-400          | 50-150                    | $16.57 \pm 4.52$        | 24       | $0.92 \pm 0.20$   | $0.03 \pm 0.01$   | SR5  |
|           |                 | 150-300                   | $2.32^{+0.80}_{-0.76}$  | 1        | $0.65 \pm 0.14$   | $0.07 \pm 0.02$   | SR6  |
|           | 400-600         | 50-150                    | $0.67^{+0.45}_{-0.09}$  | 2        | $0.25 \pm 0.06$   | $0.04 \pm 0.01$   | SR7  |
|           |                 | 150-300                   | $0.48^{+0.29}_{-0.07}$  | 0        | $0.33 \pm 0.08$   | $0.09 \pm 0.02$   | SR8  |
| 2 b-tags  | 60-400          | 50-150                    | $4.49^{+1.81}_{-1.79}$  | 4        | $1.12 \pm 0.24$   | $0.04 \pm 0.01$   | SR9  |
|           |                 | 150-300                   | $0.31^{+0.44}_{-0.09}$  | 1        | $0.86 \pm 0.18$   | $0.08 \pm 0.02$   | SR10 |
|           | 400-600         | 50-150                    | $0.40^{+0.27}_{-0.26}$  | 0        | $0.42 \pm 0.10$   | $0.05 \pm 0.02$   | SR11 |
|           |                 | 150-300                   | $0.08^{+0.43}_{-0.08}$  | 0        | $0.58 \pm 0.13$   | $0.13 \pm 0.03$   | SR12 |
| 60-600    | $\geq 3$ b-tags | 50-300                    | $0.13^{+0.43}_{-0.09}$  | 0        | $2.26 \pm 0.47$   | $0.21 \pm 0.05$   | SR13 |
| $> 600$   | inclusive       | 50-300                    | $1.84^{+0.44}_{-0.37}$  | 3        | $1.49 \pm 0.31$   | $1.47 \pm 0.30$   | SR14 |
| inclusive | inclusive       | $\geq 300$                | $1.62^{+1.22}_{-1.19}$  | 0        | $1.95 \pm 0.40$   | $3.04 \pm 0.61$   | SR15 |