

| process | no <i>b</i> -tag | | | <i>b</i> -tag | | |
|------------------------------|------------------|-------------|----------------|---------------|-------------|----------------|
| | $e\tau_h$ | $\mu\tau_h$ | $\tau_h\tau_h$ | $e\tau_h$ | $\mu\tau_h$ | $\tau_h\tau_h$ |
| ZZ | 25.6±3.4 | 36.4±4.1 | 41.9±5.2 | 0.75±0.13 | 1.09±0.18 | 1.28±0.21 |
| reducible | 18.7±5.2 | 14.8±3.4 | 33.5±8.4 | 3.41±1.09 | 1.69±0.49 | 1.21±0.35 |
| other | 4.4±1.1 | 6.6±1.5 | 7.0±1.5 | 0.99±0.26 | 1.43±0.37 | 0.68±0.17 |
| total bkg | 48.7±6.4 | 57.8±5.6 | 82.4±9.9 | 5.15±1.14 | 4.21±0.68 | 3.17±0.47 |
| Observed | 58 | 57 | 81 | 4 | 2 | 4 |
| $gg \rightarrow A$ (250 GeV) | 2.35 | 3.42 | 4.33 | 0.08 | 0.12 | 0.15 |
| $bb\bar{A}$ (250 GeV) | 1.85 | 2.72 | 3.52 | 0.62 | 0.86 | 1.13 |
| $gg \rightarrow A$ (350 GeV) | 3.33 | 4.77 | 6.18 | 0.12 | 0.17 | 0.22 |
| $bb\bar{A}$ (350 GeV) | 2.55 | 3.67 | 4.70 | 0.94 | 1.32 | 1.70 |
| $gg \rightarrow A$ (500 GeV) | 4.47 | 6.34 | 8.22 | 0.19 | 0.26 | 0.34 |
| $bb\bar{A}$ (500 GeV) | 3.37 | 4.69 | 6.19 | 1.36 | 1.89 | 2.49 |
| $gg \rightarrow A$ (800 GeV) | 5.95 | 8.38 | 11.1 | 0.28 | 0.38 | 0.53 |
| $bb\bar{A}$ (800 GeV) | 4.36 | 6.14 | 8.19 | 1.91 | 2.63 | 3.57 |