

| Sample | bWbW | tHbW | tZbW | t(Z, H)t(Z, H) |
|----------------------------------|-------------------|-------------------|-------------------|-------------------|
| $\overline{\text{TT}}$ (1.2 TeV) | 4.9 ± 2.1 | 6.8 ± 1.7 | 4.6 ± 1.1 | 6.0 ± 1.5 |
| $\overline{\text{TT}}$ (1.5 TeV) | 0.79 ± 0.31 | 1.32 ± 0.32 | 0.94 ± 0.22 | 1.46 ± 0.35 |
| Top | 3.80 ± 0.62 | 40.6 ± 3.2 | 16.9 ± 1.8 | 31.6 ± 1.6 |
| EW | 3.84 ± 0.21 | 8.5 ± 0.37 | 3.11 ± 0.15 | 2.34 ± 0.21 |
| QCD | 0.94 ± 0.46 | < 1 | < 1 | 1.5 ± 1.0 |
| Total Bkg | 8.2 ± 1.1 | 49.1 ± 3.3 | 20.0 ± 1.8 | 35.5 ± 2.0 |
| Data | 11 | 46 | 19 | 39 |
| Data/Bkg | 1.34 ± 0.44 | 0.94 ± 0.15 | 0.95 ± 0.23 | 1.10 ± 0.19 |
| Sample | tH | tZ | bW | 2+ t |
| $\overline{\text{TT}}$ (1.2 TeV) | 6.5 ± 1.2 | 4.12 ± 0.82 | 8.9 ± 2.4 | 3.94 ± 0.83 |
| $\overline{\text{TT}}$ (1.5 TeV) | 1.57 ± 0.30 | 0.98 ± 0.19 | 1.61 ± 0.41 | 0.94 ± 0.20 |
| Top | 94.0 ± 4.3 | 37.4 ± 2.2 | 70.9 ± 5.0 | 96.6 ± 4.2 |
| EW | 13.71 ± 0.87 | 7.03 ± 0.55 | 31.2 ± 1.5 | 6.86 ± 0.73 |
| QCD | 0.71 ± 0.12 | 0.93 ± 0.58 | 2.50 ± 0.68 | 0.34 ± 0.24 |
| Total Bkg | 108.5 ± 4.3 | 45.4 ± 2.5 | 104.6 ± 5.1 | 103.8 ± 4.5 |
| Data | 112 | 56 | 100 | 114 |
| Data/Bkg | 1.03 ± 0.11 | 1.24 ± 0.18 | 0.96 ± 0.11 | 1.10 ± 0.11 |
| Sample | 0-1 t, 2+ H | 0-1 t, 1 H | 1 t, 0 H | 0 t/H, 1+ Z |
| $\overline{\text{TT}}$ (1.2 TeV) | 18.4 ± 3.9 | 42.0 ± 5.9 | 16.4 ± 2.5 | 18.2 ± 3.1 |
| $\overline{\text{TT}}$ (1.5 TeV) | 3.63 ± 0.77 | 8.3 ± 1.2 | 3.59 ± 0.54 | 3.43 ± 0.57 |
| Top | 303.3 ± 8.5 | 920 ± 16 | 525 ± 15 | 243.5 ± 7.8 |
| EW | 81.9 ± 3.2 | 458 ± 11 | 112.8 ± 6.0 | 187.6 ± 4.9 |
| QCD | 9.3 ± 2.0 | 63.5 ± 8.3 | 13.5 ± 4.4 | 23.3 ± 4.3 |
| Total Bkg | 395 ± 10 | 1440 ± 20 | 652 ± 13 | 454 ± 11 |
| Data | 416 | 1525 | 626 | 499 |
| Data/Bkg | 1.053 ± 0.059 | 1.059 ± 0.031 | 0.960 ± 0.043 | 1.098 ± 0.056 |