

| Process | μ^+ | μ^- | e^+ | e^- |
|-------------------------------|--------------------|--------------------|--------------------|--------------------|
| Top quark pair production | 81172 ± 13480 | 81572 ± 13517 | 64839 ± 10331 | 65205 ± 10185 |
| tW | 8755 ± 1799 | 8762 ± 1843 | 6837 ± 1406 | 6885 ± 1387 |
| W/Z +jets | 38199 ± 12334 | 33373 ± 10568 | 23907 ± 8064 | 21494 ± 6811 |
| QCD | 6732 ± 3241 | 6713 ± 3235 | 11282 ± 5430 | 10605 ± 5109 |
| Single top quark t -channel | 23628 ± 2918 | 14574 ± 1883 | 15103 ± 1840 | 9395 ± 1188 |
| Total expected | 158486 ± 18870 | 144994 ± 17658 | 121969 ± 14374 | 113584 ± 13400 |
| Observed | 166446 | 151440 | 124857 | 116206 |