

|   | $4\mu$ | $4e$  | $2e2\mu$ | $2\mu2e$ | Total |
|---|--------|-------|----------|----------|-------|
| Total signal                            | 90.9   | 48.7  | 65.5     | 53.3     | 258.4 |
| $q\bar{q} \rightarrow 4\ell$ background | 89.2   | 38.9  | 64.4     | 42.1     | 234.6 |
| $gg \rightarrow 4\ell$ background       | 9.7    | 4.9   | 4.9      | 3.8      | 23.4  |
| $Z + X$ background                      | 32.4   | 12.2  | 28.2     | 18.6     | 91.3  |
| Total expected                          | 222.2  | 104.6 | 163.0    | 117.8    | 607.7 |
| Observed                                | 230    | 94    | 170      | 107      | 601   |