

| $m_{\Theta^0}$ [GeV] | Signal                     |                          | Background               | Observed |
|----------------------|----------------------------|--------------------------|--------------------------|----------|
|                      | $m_{G'} = 2.3m_{\Theta^0}$ | $m_{G'} = 5m_{\Theta^0}$ |                          |          |
| Electron channel     |                            |                          |                          |          |
| 217                  | $2110 \pm 70 \pm 290$      | $1110 \pm 40 \pm 160$    | $358 \pm 15 \pm 81$      | 336      |
| 304                  | $448 \pm 12 \pm 70$        | $188 \pm 6 \pm 31$       | $123 \pm 6 \pm 27$       | 115      |
| 391                  | $119 \pm 3 \pm 22$         | $38.6 \pm 1.3 \pm 7.4$   | $42.3 \pm 3.0 \pm 11.0$  | 59       |
| 478                  | $35.8 \pm 1.0 \pm 6.6$     | $9.45 \pm 0.32 \pm 1.90$ | $18.9 \pm 2.7 \pm 6.4$   | 24       |
| 565                  | $11.7 \pm 0.3 \pm 2.4$     | $2.37 \pm 0.09 \pm 0.53$ | $8.14 \pm 1.94 \pm 3.40$ | 7        |
| 652                  | $3.96 \pm 0.13 \pm 0.86$   | $0.72 \pm 0.03 \pm 0.17$ | $3.35 \pm 0.82 \pm 1.50$ | 4        |
| 739                  | $1.42 \pm 0.06 \pm 0.32$   | $0.23 \pm 0.01 \pm 0.05$ | $1.02 \pm 0.31 \pm 0.51$ | 1        |
| 826                  | $0.56 \pm 0.02 \pm 0.13$   | $0.08 \pm 0.02$          | $0.66 \pm 0.33 \pm 0.36$ | 0        |
| 913                  | $0.24 \pm 0.01 \pm 0.06$   | $0.03 \pm 0.01$          | $0.31 \pm 0.14 \pm 0.19$ | 0        |
| Muon channel         |                            |                          |                          |          |
| 217                  | $2360 \pm 70 \pm 310$      | $1170 \pm 40 \pm 160$    | $348 \pm 11 \pm 74$      | 355      |
| 304                  | $486 \pm 12 \pm 74$        | $185 \pm 6 \pm 31$       | $126 \pm 7 \pm 27$       | 127      |
| 391                  | $118 \pm 3 \pm 20$         | $38.7 \pm 1.2 \pm 7.3$   | $44.8 \pm 3.1 \pm 11.3$  | 39       |
| 478                  | $38.7 \pm 1.0 \pm 7.4$     | $9.58 \pm 0.32 \pm 1.90$ | $17.2 \pm 1.9 \pm 5.7$   | 15       |
| 565                  | $13.1 \pm 0.4 \pm 2.7$     | $2.70 \pm 0.09 \pm 0.58$ | $9.52 \pm 1.40 \pm 3.80$ | 8        |
| 652                  | $4.58 \pm 0.14 \pm 0.99$   | $0.74 \pm 0.03 \pm 0.17$ | $3.25 \pm 0.84 \pm 1.30$ | 5        |
| 739                  | $1.63 \pm 0.07 \pm 0.36$   | $0.24 \pm 0.01 \pm 0.06$ | $1.48 \pm 0.49 \pm 0.58$ | 3        |
| 826                  | $0.69 \pm 0.03 \pm 0.16$   | $0.08 \pm 0.02$          | $0.32 \pm 0.17 \pm 0.14$ | 2        |
| 913                  | $0.26 \pm 0.01 \pm 0.06$   | $0.03 \pm 0.01$          | $0.14 \pm 0.14 \pm 0.09$ | 1        |