

| Signal region | Same flavor   |          | Different flavor |          | All           |          |
|---------------|---------------|----------|------------------|----------|---------------|----------|
|               | Expected      | Observed | Expected         | Observed | Expected      | Observed |
| 0             | $131 \pm 30$  | 112      | $139 \pm 32$     | 141      | $271 \pm 61$  | 253      |
| 1             | $4.1 \pm 1.1$ | 7        | $4.0 \pm 1.1$    | 6        | $8.1 \pm 2.0$ | 13       |
| 2             | $60 \pm 13$   | 69       | $70 \pm 17$      | 67       | $130 \pm 29$  | 136      |
| 3             | $4.8 \pm 1.2$ | 1        | $3.9 \pm 1.0$    | 5        | $8.7 \pm 2.0$ | 6        |
| 4             | $0.5 \pm 0.2$ | 0        | $0.7 \pm 0.2$    | 1        | $1.2 \pm 0.4$ | 1        |
| 5             | $1.9 \pm 0.5$ | 2        | $2.1 \pm 0.5$    | 1        | $4.0 \pm 0.8$ | 3        |
| 6             | $1.1 \pm 0.6$ | 2        | $0.5 \pm 0.2$    | 1        | $1.5 \pm 0.7$ | 3        |
| 7             | $0.6 \pm 0.3$ | 2        | $0.3 \pm 0.2$    | 0        | $0.8 \pm 0.3$ | 2        |
| 8             | $2.1 \pm 0.7$ | 1        | $0.8 \pm 0.2$    | 1        | $2.9 \pm 0.7$ | 2        |
| 9             | $1.6 \pm 0.4$ | 1        | $0.9 \pm 0.3$    | 0        | $2.5 \pm 0.5$ | 1        |
| 10            | $0.3 \pm 0.1$ | 0        | $0.1 \pm 0.1$    | 0        | $0.4 \pm 0.2$ | 0        |
| 11            | $1.7 \pm 0.4$ | 2        | $1.2 \pm 0.3$    | 1        | $2.9 \pm 0.6$ | 3        |
| 12            | $0.7 \pm 0.3$ | 1        | $0.5 \pm 0.2$    | 0        | $1.1 \pm 0.4$ | 1        |