

| Category                                               | Expected      | Observed |
|--------------------------------------------------------|---------------|----------|
| HMT-triggered CSCCSC low $p_{\text{T}}^{\text{miss}}$  | $0.7 \pm 0.4$ | 0        |
| HMT-triggered CSCCSC high $p_{\text{T}}^{\text{miss}}$ | $1.6 \pm 0.5$ | 1        |
| HMT-triggered DTCSC low $p_{\text{T}}^{\text{miss}}$   | $22 \pm 2$    | 21       |
| HMT-triggered DTCSC high $p_{\text{T}}^{\text{miss}}$  | $9 \pm 2$     | 9        |
| $p_{\text{T}}^{\text{miss}}$ -triggered CSCCSC         | $1.0 \pm 0.3$ | 3        |
| $p_{\text{T}}^{\text{miss}}$ -triggered DTDT           | $0.2 \pm 0.1$ | 1        |
| $p_{\text{T}}^{\text{miss}}$ -triggered DTCSC          | $0.4 \pm 0.1$ | 0        |