

SR	$m(\mu_2 j_1 j_2)$ (GeV)	$m(\mu_1 \mu_2 + \text{jets})$ (GeV)	Exp. SM (before fit)	Exp. SM (after fit)	Data	SM1	SM2 ( $x = 0.5$ )
						$m_{\tilde{\mu}} = 0.4 \text{ TeV}$ $m_{\tilde{\chi}_1^0} = 0.2 \text{ TeV}$	$m_{\tilde{\nu}_\mu} = 1.4 \text{ TeV}$ $m_{\tilde{\chi}_1^0} = 0.5 \text{ TeV}$
1	0–500	0–500	$82.0 \pm 19.0$	$96.9 \pm 9.0$	90	$39.0 \pm 4.6$	$<0.01$
2		500–1000	$62.0 \pm 11.0$	$74.3 \pm 6.0$	88	$12.3 \pm 1.7$	$0.37 \pm 0.06$
3		1000–1500	$4.84 \pm 0.99$	$5.53 \pm 0.85$	6	$0.40 \pm 0.11$	$1.48 \pm 0.19$
4		>1500	$0.41 \pm 0.15$	$0.44 \pm 0.17$	0	$0.04 \pm 0.02$	$0.27 \pm 0.04$
5	500–1000	500–1000	$19.6 \pm 3.5$	$22.2 \pm 2.5$	21	$1.29 \pm 0.22$	$0.12 \pm 0.02$
6		1000–1500	$14.5 \pm 2.6$	$16.5 \pm 2.0$	17	$0.84 \pm 0.16$	$8.18 \pm 0.94$
7		>1500	$4.00 \pm 1.30$	$3.57 \pm 0.98$	2	$0.14 \pm 0.05$	$2.54 \pm 0.35$
8	1000–1500	1000–1500	$2.70 \pm 0.56$	$2.99 \pm 0.47$	3	$0.03 \pm 0.02$	$0.08 \pm 0.01$
9		>1500	$4.39 \pm 0.78$	$5.01 \pm 0.63$	10	$0.14 \pm 0.05$	$0.27 \pm 0.04$
10		>1500	>1500	$3.54 \pm 0.84$	$3.75 \pm 0.72$	1	$0.08 \pm 0.04$