Kinematic requirement	Data	POWHEG+PYTHIA
$E_\mathrm{T} > 5.0\,\mathrm{GeV}$		
$0.05 < \Delta R_{\mu\gamma} \leq 0.1$	$53.90 \pm 0.76 \pm 2.00$	56.60 ± 3.26
$0.1\ \ < \Delta R_{\mu\gamma} \leq 0.15$	$31.90 \pm 0.59 \pm 1.20$	33.20 ± 1.96
$0.15 < \Delta R_{\mu\gamma} \leq 0.3$	$18.40 \pm 0.25 \pm 0.67$	19.00 ± 1.10
$0.3\ \ < \Delta R_{\mu\gamma} \leq 0.5$	$10.10 \pm 0.16 \pm 0.37$	10.50 ± 0.59
$0.5\ \ < \Delta R_{\mu\gamma} \leq 0.8$	$6.14 \pm 0.11 \pm 0.25$	6.29 ± 0.37
$0.8\ \ < \Delta R_{\mu\gamma} \leq 1.2$	$4.22 \pm 0.09 \pm 0.21$	4.10 ± 0.24
$1.2\ \ < \Delta R_{\mu\gamma} \leq 1.6$	$2.94 \pm 0.08 \pm 0.19$	2.91 ± 0.17
$1.6\ \ < \Delta R_{\mu\gamma} \leq 2.0$	$1.76 \pm 0.07 \pm 0.16$	1.79 ± 0.11
$2.0\ \ < \Delta R_{\mu\gamma} \leq 3.0$	$0.46 \pm 0.04 \pm 0.10$	0.33 ± 0.02
$E_\mathrm{T} > \mathrm{GeV}$ and $q_\mathrm{T} < 10$ GeV		
$0.05 < \Delta R_{\mu\gamma} \leq 0.1$	$23.00 \pm 0.50 \pm 0.82$	24.40 ± 1.53
$0.1\ \ < \Delta R_{\mu\gamma} \leq 0.15$	$13.70 \pm 0.39 \pm 0.49$	14.20 ± 0.88
$0.15 < \Delta R_{\mu\gamma} \leq 0.3$	$7.88 \pm 0.17 \pm 0.28$	8.21 ± 0.51
$0.3\ \ < \Delta R_{\mu\gamma} \leq 0.5$	$4.38 \pm 0.10 \pm 0.16$	4.48 ± 0.28
$0.5\ \ < \Delta R_{\mu\gamma} \leq 0.8$	$2.65 \pm 0.07 \pm 0.10$	2.67 ± 0.17
$0.8\ \ < \Delta R_{\mu\gamma} \leq 1.2$	$1.75 \pm 0.05 \pm 0.07$	1.75 ± 0.11
$1.2\ \ < \Delta R_{\mu\gamma} \leq 1.6$	$1.29 \pm 0.05 \pm 0.06$	1.25 ± 0.08
$1.6\ \ < \Delta R_{\mu\gamma} \leq 2.0$	$0.72 \pm 0.04 \pm 0.04$	0.79 ± 0.05
$2.0\ \ < \Delta R_{\mu\gamma} \leq 3.0$	$0.10 \pm 0.01 \pm 0.02$	0.09 ± 0.01
$E_\mathrm{T} > 5.0\,\mathrm{GeV}$ and $q_\mathrm{T} > 50\,\mathrm{GeV}$		
$0.05 < \Delta R_{\mu\gamma} \leq 0.1$	$4.94 \pm 0.23 \pm 0.21$	5.07 ± 0.27
$0.1\ \ < \Delta R_{\mu\gamma} \leq 0.15$	$2.97 \pm 0.18 \pm 0.11$	3.05 ± 0.18
$0.15 < \Delta R_{\mu\gamma} \leq 0.3$	$1.71 \pm 0.08 \pm 0.07$	1.73 ± 0.09
$0.3\ \ < \Delta R_{\mu\gamma} \leq 0.5$	$0.95 \pm 0.05 \pm 0.04$	0.98 ± 0.06
$0.5\ \ < \Delta R_{\mu\gamma} \leq 0.8$	$0.62 \pm 0.04 \pm 0.03$	0.58 ± 0.03
$0.8\ \ < \Delta R_{\mu\gamma} \leq 1.2$	$0.44 \pm 0.03 \pm 0.03$	0.37 ± 0.02
$1.2\ \ < \Delta R_{\mu\gamma} \leq 1.6$	$0.22 \pm 0.03 \pm 0.02$	0.19 ± 0.01
$1.6\ \ < \Delta R_{\mu\gamma} \leq 2.0$	$0.13 \pm 0.02 \pm 0.02$	0.10 ± 0.01
$2.0\ \ < \Delta R_{\mu\gamma} \leq 3.0$	$(8.45 \pm 1.38 \pm 2.10) \times 10^{-2}$	$(3.62 \pm 0.24) \times 10^{-2}$