Kinematic requirement [GeV]	Data	POWHEG+PYTHIA
$0.05 < \Delta R_{\mu\gamma} \leq 3$		
$5 < E_{\mathrm{T}} \leq 10$	$1.260 \pm 0.015 \pm 0.070$	1.270 ± 0.075
$10 < E_{\mathrm{T}} \leq 15$	$0.685 \pm 0.009 \pm 0.028$	0.694 ± 0.040
$15 < E_{\mathrm{T}} \leq 20$	$0.411 \pm 0.006 \pm 0.016$	0.433 ± 0.025
$20 < E_{\mathrm{T}} \leq 25$	$0.267 \pm 0.005 \pm 0.011$	0.280 ± 0.017
$25 < E_{\mathrm{T}} \leq 30$	$0.170 \pm 0.004 \pm 0.008$	0.177 ± 0.011
$30 < E_{\mathrm{T}} \leq 40$	$(7.26 \pm 0.19 \pm 0.39) \times 10^{-2}$	$(7.20 \pm 0.42) \times 10^{-2}$
$40 < E_{\mathrm{T}} \leq 50$	$(1.49 \pm 0.09 \pm 0.10) \times 10^{-2}$	$(1.34 \pm 0.08) \times 10^{-2}$
$50 < E_{\mathrm{T}} \leq 75$	$(2.68 \pm 0.26 \pm 0.25) \times 10^{-3}$	$(2.27 \pm 0.14) \times 10^{-3}$
$75 < E_{\mathrm{T}} \leq 100$	$(5.81 \pm 1.16 \pm 1.00) \times 10^{-4}$	$(3.47 \pm 0.32) \times 10^{-4}$
$0.05 < \Delta R_{\mu\gamma} \leq 0.5$		
$5 < E_{\mathrm{T}} \leq 10$	$0.749 \pm 0.009 \pm 0.031$	0.779 ± 0.045
$10 < E_{\mathrm{T}} \leq 15$	$0.417 \pm 0.006 \pm 0.015$	0.433 ± 0.025
$15 < E_{\mathrm{T}} \leq 20$	$0.256 \pm 0.005 \pm 0.010$	0.272 ± 0.016
$20 < E_{\mathrm{T}} \leq 25$	$0.168 \pm 0.004 \pm 0.007$	0.177 ± 0.011
$25 < E_{\mathrm{T}} \leq 30$	$0.105 \pm 0.003 \pm 0.005$	0.112 ± 0.007
$30 < E_{\mathrm{T}} \leq 40$	$(4.51 \pm 0.14 \pm 0.23) \times 10^{-2}$	$(4.44 \pm 0.26) \times 10^{-2}$
$40 < E_{\mathrm{T}} \leq 50$	$(8.93 \pm 0.65 \pm 0.51) \times 10^{-3}$	$(8.53 \pm 0.50) \times 10^{-3}$
$50 < E_{\mathrm{T}} \leq 75$	$(1.80 \pm 0.18 \pm 0.09) \times 10^{-3}$	$(1.63 \pm 0.10) \times 10^{-3}$
$75 < E_{\mathrm{T}} \leq 100$	$(3.58 \pm 0.98 \pm 0.36) \times 10^{-4}$	$(2.42 \pm 0.37) \times 10^{-4}$
$0.5 < \Delta R_{\mu\gamma} \leq 3$		
$5 < E_{\mathrm{T}} \leq 10$	$0.513 \pm 0.012 \pm 0.049$	0.489 ± 0.028
$10 < E_{\mathrm{T}} \leq 15$	$0.268 \pm 0.006 \pm 0.014$	0.260 ± 0.015
$15 < E_{\mathrm{T}} \leq 20$	$0.155 \pm 0.004 \pm 0.007$	0.161 ± 0.010
$20 < E_{\mathrm{T}} \leq 25$	$(9.94 \pm 0.33 \pm 0.45) \times 10^{-2}$	$(1.03 \pm 0.06) \times 10^{-1}$
$25 < E_{\mathrm{T}} \leq 30$	$(6.52 \pm 0.26 \pm 0.32) \times 10^{-2}$	$(6.55 \pm 0.39) \times 10^{-2}$
$30 < E_{\mathrm{T}} \leq 40$	$(2.76 \pm 0.12 \pm 0.16) \times 10^{-2}$	$(2.76 \pm 0.17) \times 10^{-2}$
$40 < E_{\mathrm{T}} \leq 50$	$(6.01 \pm 0.67 \pm 0.56) \times 10^{-3}$	$(4.85 \pm 0.33) \times 10^{-3}$
$50 < E_{\mathrm{T}} \leq 75$	$(8.75 \pm 1.86 \pm 1.60) \times 10^{-4}$	$(6.38 \pm 0.60) \times 10^{-4}$
$75 < E_{\mathrm{T}} \leq 100$	$(2.23 \pm 0.63 \pm 0.80) \times 10^{-4}$	$(1.04 \pm 0.27) \times 10^{-4}$
$0.05 < \Delta R_{\mu\gamma} \leq 3$ and $q_{\mathrm{T}} < 10\,\mathrm{GeV}$		
$5 < E_{\mathrm{T}} \leq 10$	$0.527 \pm 0.009 \pm 0.024$	0.535 ± 0.033
$10 < E_{\mathrm{T}} \leq 15$	$0.294 \pm 0.005 \pm 0.010$	0.296 ± 0.018
$15 < E_{\mathrm{T}} \leq 20$	$0.184 \pm 0.004 \pm 0.007$	0.191 ± 0.012
$20 < E_{\mathrm{T}} \leq 25$	$0.127 \pm 0.003 \pm 0.005$	0.129 ± 0.008
$25 < E_{\mathrm{T}} \leq 30$	$(8.59 \pm 0.28 \pm 0.40) \times 10^{-2}$	$(8.25 \pm 0.54) \times 10^{-2}$
$30 < E_{\mathrm{T}} \leq 40$	$(3.22 \pm 0.12 \pm 0.19) \times 10^{-2}$	$(2.89 \pm 0.18) \times 10^{-2}$
$40 < E_{\mathrm{T}} \leq 50$	$(1.46 \pm 0.27 \pm 0.14) \times 10^{-3}$	$(1.14 \pm 0.12) \times 10^{-3}$
$50 < E_{\mathrm{T}} \leq 75$	$(1.92 \pm 0.67 \pm 0.42) \times 10^{-4}$	$(8.44 \pm 1.60) \times 10^{-5}$
$75 < E_{\mathrm{T}} \leq 100$	$(1.67 \pm 2.10 \pm 0.66) \times 10^{-5}$	$(6.66 \pm 5.13) \times 10^{-6}$
$0.05 < \Delta R_{\mu\gamma} \leq 3$ and $q_{\mathrm{T}} > 50\,\mathrm{GeV}$		
$5 < E_{\mathrm{T}} \leq 10$	$0.104 \pm 0.005 \pm 0.008$	0.095 ± 0.005
$10 < E_{\mathrm{T}} \leq 15$	$(6.26 \pm 0.28 \pm 0.33) \times 10^{-2}$	$(5.72 \pm 0.31) \times 10^{-2}$
$15 < E_{\mathrm{T}} \leq 20$	$(3.67 \pm 0.20 \pm 0.19) \times 10^{-2}$	$(3.38 \pm 0.18) \times 10^{-2}$
$20 < E_{\mathrm{T}} \leq 25$	$(2.19 \pm 0.15 \pm 0.10) \times 10^{-2}$	$(2.32 \pm 0.13) \times 10^{-2}$
$25 < E_{\mathrm{T}} \leq 30$	$(1.94 \pm 0.14 \pm 0.09) \times 10^{-2}$	$(1.64 \pm 0.10) \times 10^{-2}$
$30 < E_{\mathrm{T}} \leq 40$	$(9.98 \pm 0.71 \pm 0.51) \times 10^{-3}$	$(9.79 \pm 0.55) \times 10^{-3}$
$40 < E_{\mathrm{T}} \leq 50$	$(6.21 \pm 0.55 \pm 0.32) \times 10^{-3}$	$(5.58 \pm 0.33) \times 10^{-3}$
$50 < E_{\mathrm{T}} \leq 75$	$(1.90 \pm 0.20 \pm 0.11) \times 10^{-3}$	$(1.76 \pm 0.11) \times 10^{-3}$
$75 < E_{\mathrm{T}} \leq 100$	$(4.56 \pm 0.95 \pm 0.55) \times 10^{-4}$	$(3.13 \pm 0.30) \times 10^{-4}$