

Table 1: Cross-sections of signal Monte Carlo samples for each mass point considered in this analysis. Leading order cross-sections (σ_{LO}) are computed by the generator and then rescaled to next-to-leading cross-sections ($\sigma_{\text{NLO+NLL}}$), with their corresponding uncertainties, using information taken from Refs. .

mass [GeV]	σ_{LO} [fb]	$\sigma_{\text{NLO+NLL}}$ [fb]
400	137	180 \pm 14
500	52	69 \pm 6
600	22.4	29.6 \pm 3.0
700	10.5	13.9 \pm 1.5
800	5.2	7.0 \pm 0.8
900	2.7	3.7 \pm 0.4
1000	1.48	1.97 \pm 0.25
1100	0.82	1.08 \pm 0.15
1200	0.46	0.61 \pm 0.08