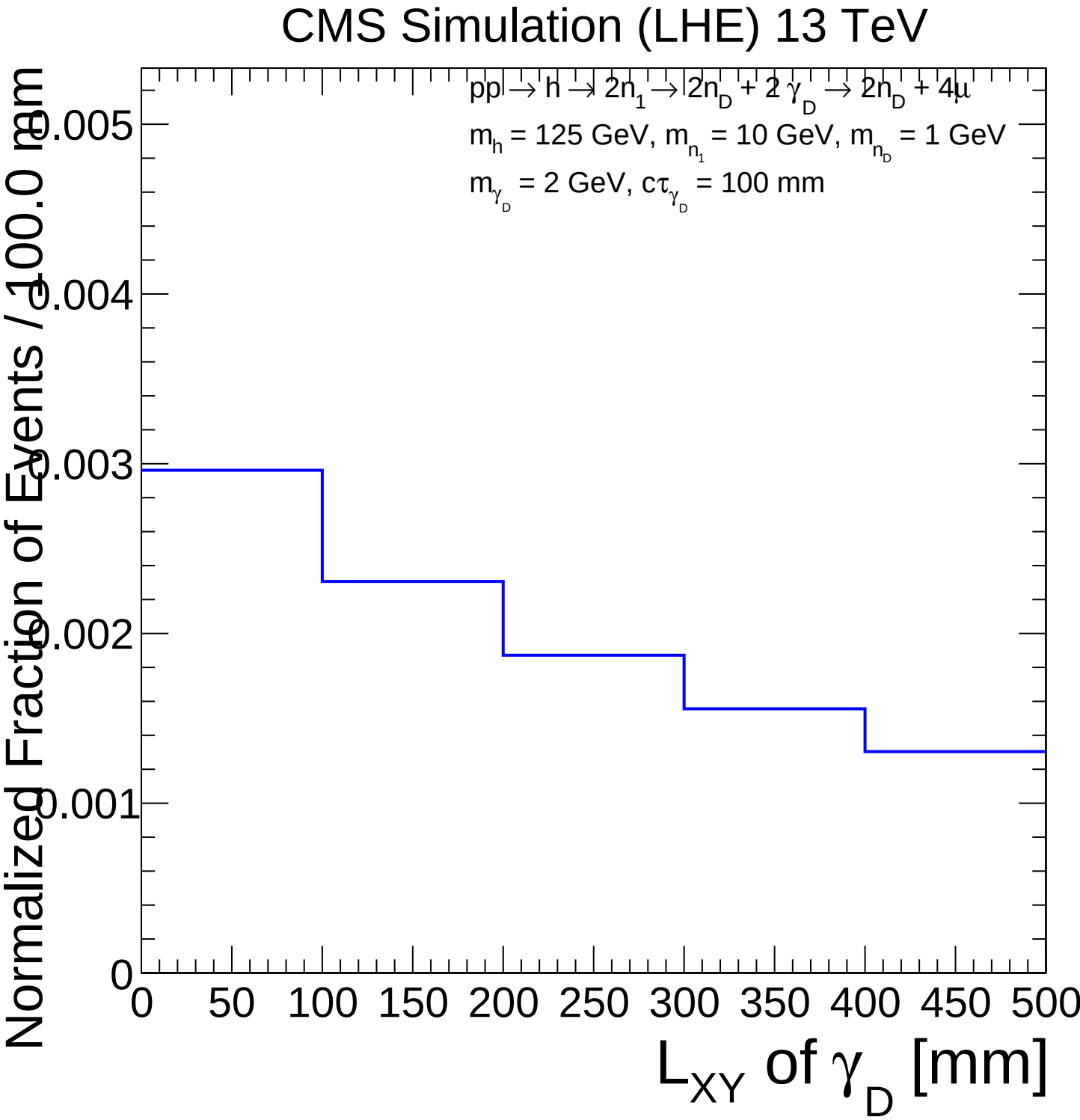
CMS Simulation (LHE) 13 TeV
$pp \to h \to 2n_1 \to 2n_D + 2\gamma_D \to 2n_D + 4\mu$
$m_h$ = 125 GeV, $m_{n_1}$ = 10 GeV, $m_{n_D}$ = 1 GeV
$m_{\gamma_D}$ = 2 GeV, $c\tau_{\gamma_D}$ = 100 mm
Normalized Fraction of Events / 100.0 mm
0.005
0.004
0.003
0.002
0.001
0
0 50 100 150 200 250 300 350 400 450 500
$L_{XY}$ of $\gamma_D$ [mm]