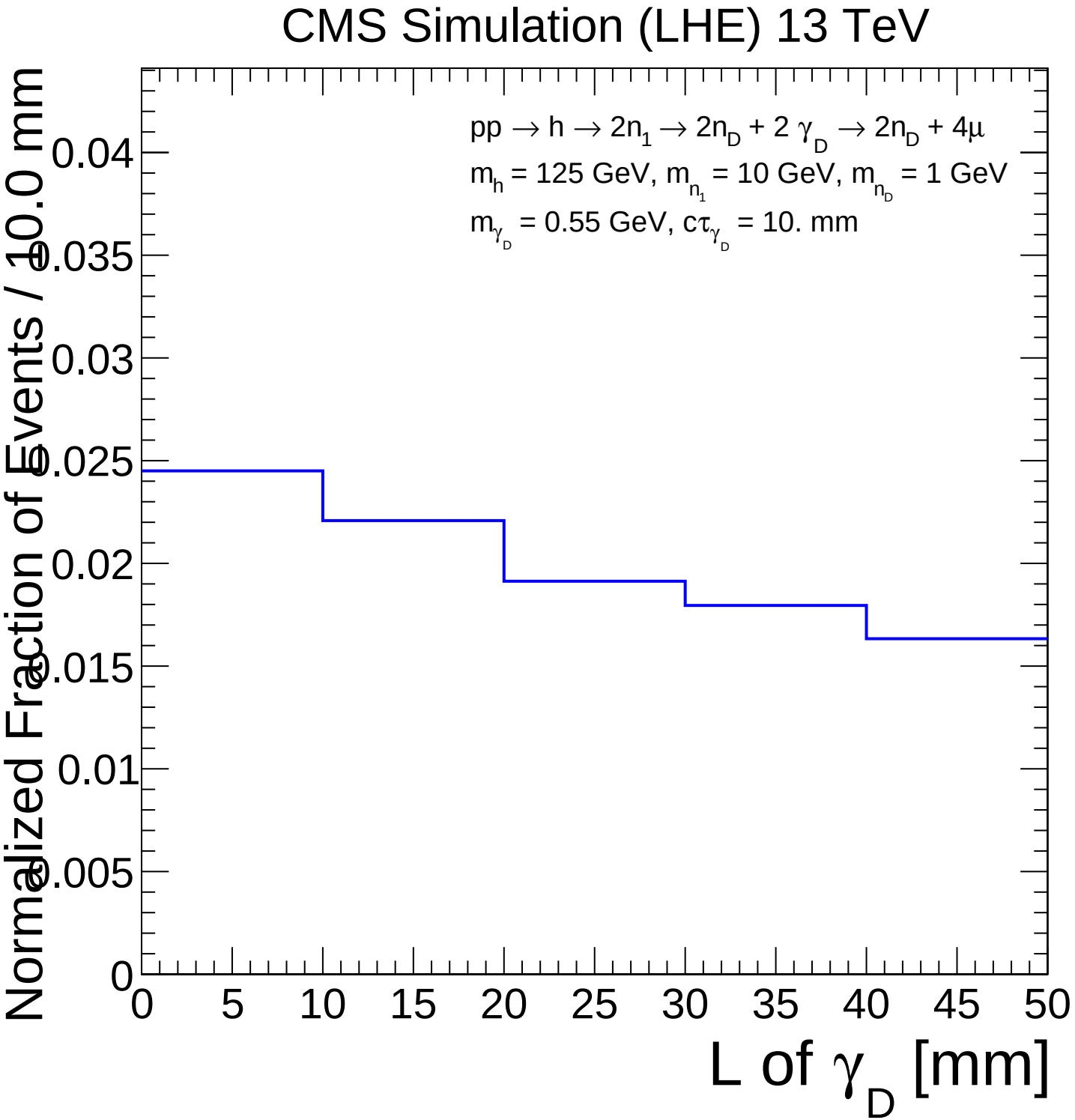
CMS Simulation (LHE) 13 TeV
$pp \to h \to 2n_1 \to 2n_D + 2\,\gamma_D \to 2n_D + 4\mu$
$m_h$ = 125 GeV, $m_{n_1}$ = 10 GeV, $m_{n_D}$ = 1 GeV
$m_{\gamma_D}$ = 0.55 GeV, $c\tau_{\gamma_D}$ = 10. mm
Normalized Fraction of Events / 10.0 mm
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0
5
10
15
20
25
30
35
40
45
50
L of $\gamma_D$ [mm]