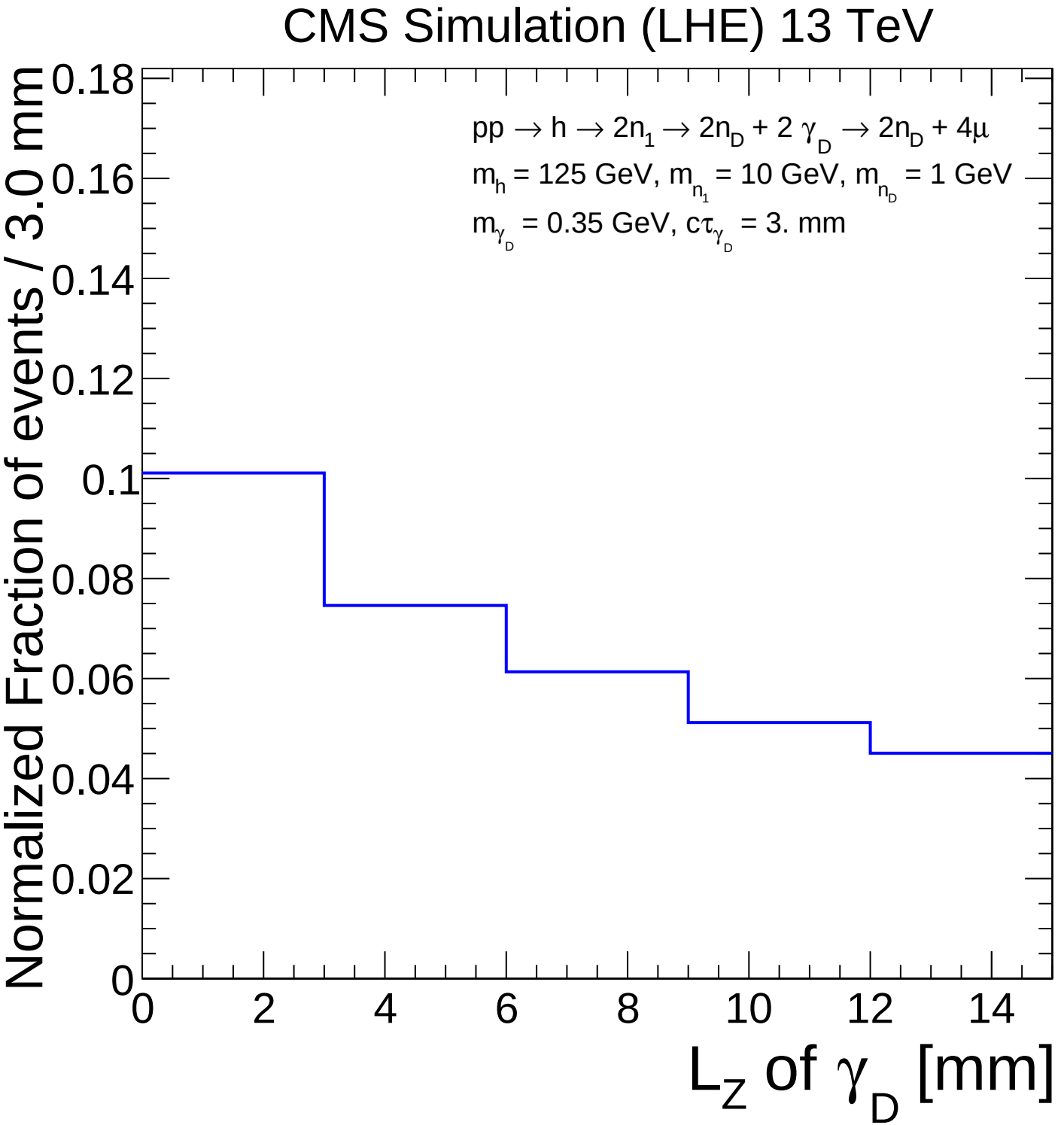
CMS Simulation (LHE) 13 TeV
$pp \to h \to 2n_1 \to 2n_D + 2\,\gamma_D \to 2n_D + 4\mu$
$m_h$ = 125 GeV, $m_{n_1}$ = 10 GeV, $m_{n_D}$ = 1 GeV
$m_{\gamma_D}$ = 0.35 GeV, $c\tau_{\gamma_D}$ = 3. mm
Normalized Fraction of events / 3.0 mm
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
0
2
4
6
8
10
12
14
$L_Z$ of $\gamma_D$ [mm]