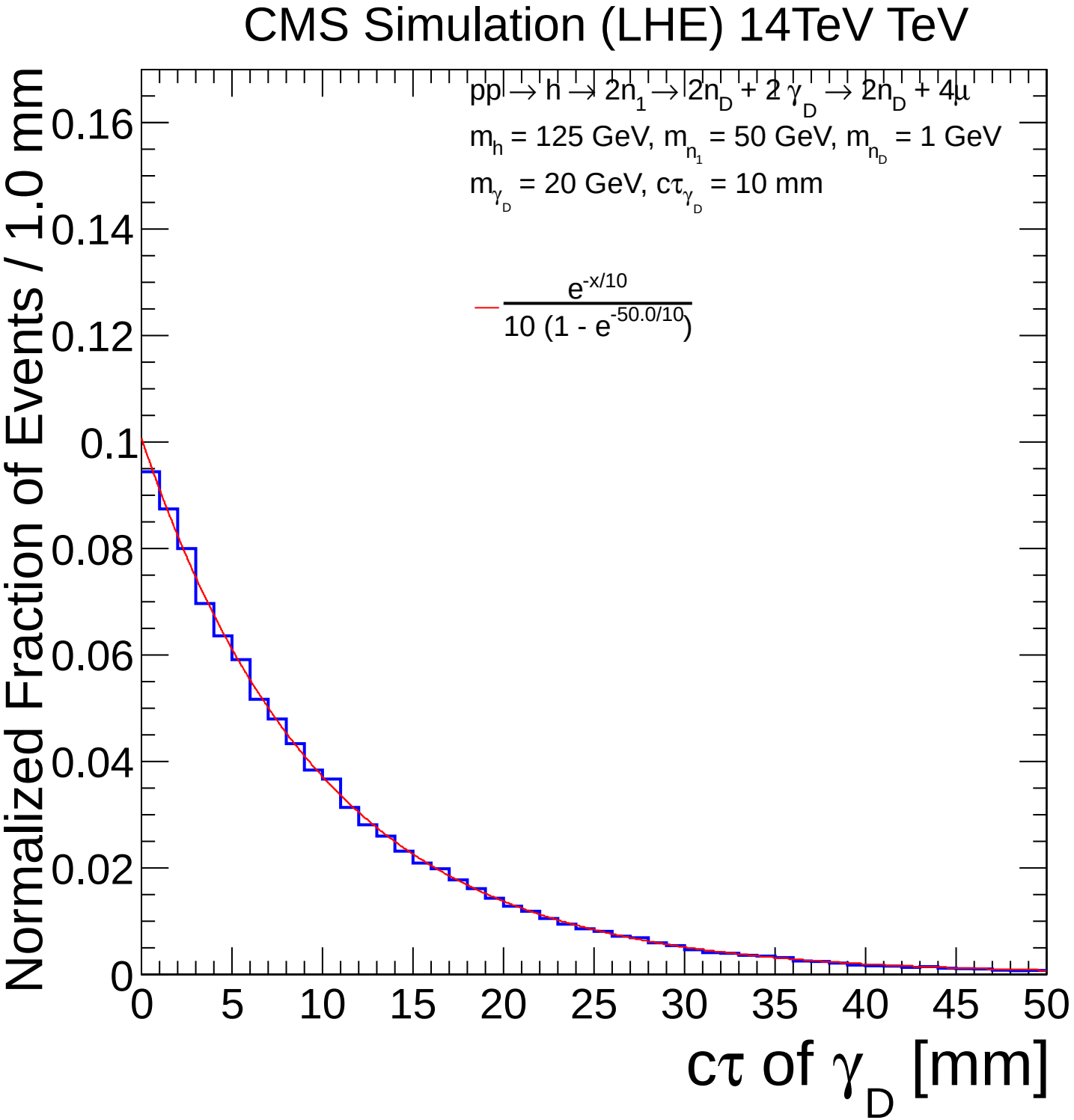
CMS Simulation (LHE) 14TeV TeV
$pp \to h \to 2n_1 \to 2n_D + 2\gamma_D \to 2n_D + 4\mu$
$m_h$ = 125 GeV, $m_{n_1}$ = 50 GeV, $m_{n_D}$ = 1 GeV
$m_{\gamma_D}$ = 20 GeV, $c\tau_{\gamma_D}$ = 10 mm
$\frac{e^{-x/10}}{10\,(1 - e^{-50.0/10})}$
Normalized Fraction of Events / 1.0 mm
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0
5
10
15
20
25
30
35
40
45
50
$c\tau$ of $\gamma_D$ [mm]