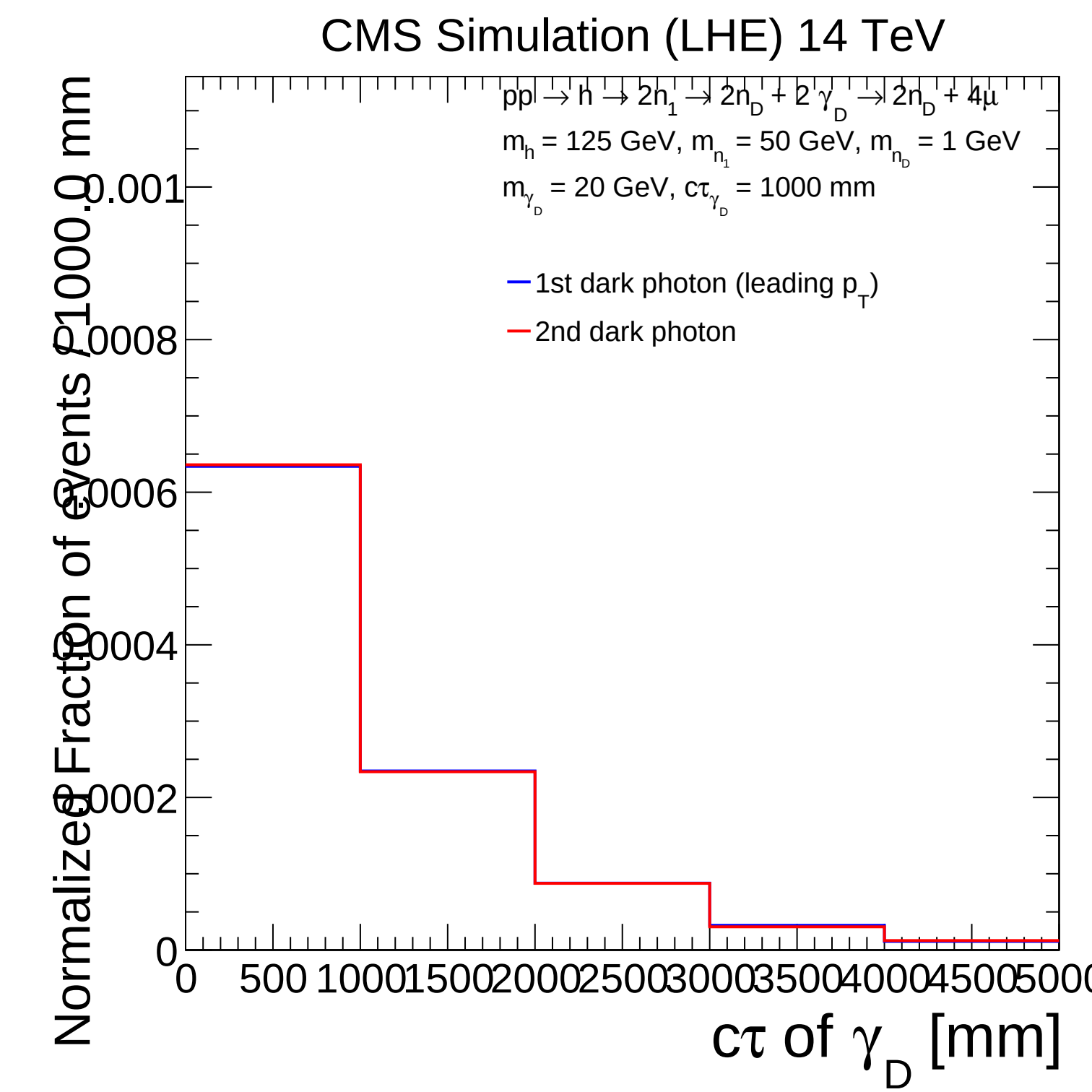
CMS Simulation (LHE) 14 TeV
$pp \to h \to 2n_1 \to 2n_D + 2\gamma_D \to 2n_D + 4\mu$
$m_h$ = 125 GeV, $m_{n_1}$ = 50 GeV, $m_{n_D}$ = 1 GeV
$m_{\gamma_D}$ = 20 GeV, $c\tau_{\gamma_D}$ = 1000 mm
1st dark photon (leading $p_T$)
2nd dark photon
Normalized Fraction of events / 1000.0 mm
0.001
0.0008
0.0006
0.0004
0.0002
0
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000
$c\tau$ of $\gamma_D$ [mm]