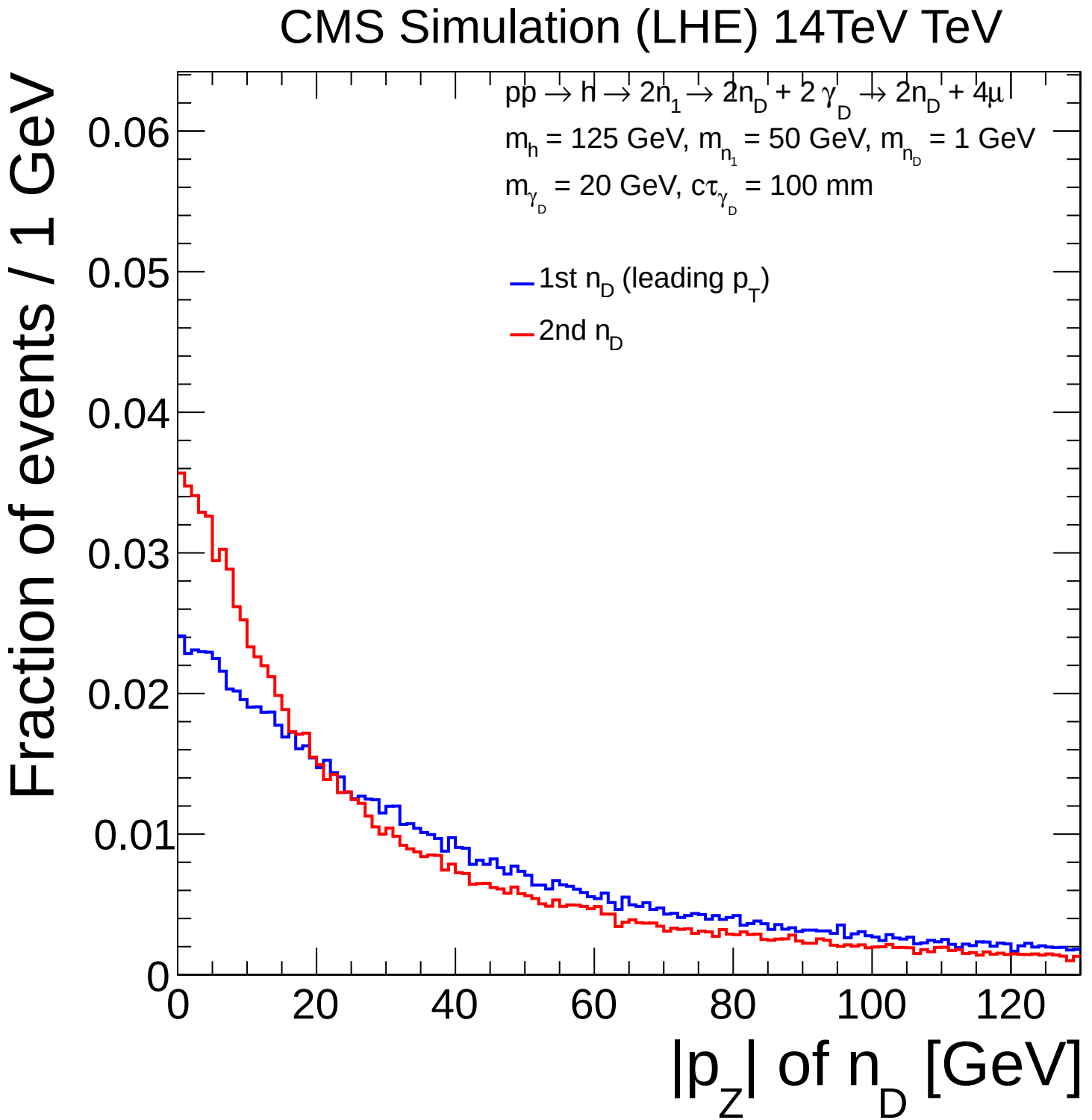
CMS Simulation (LHE) 14TeV TeV
$pp \to h \to 2n_1 \to 2n_D + 2\gamma_D \to 2n_D + 4\mu$
$m_h$ = 125 GeV, $m_{n_1}$ = 50 GeV, $m_{n_D}$ = 1 GeV
$m_{\gamma_D}$ = 20 GeV, $c\tau_{\gamma_D}$ = 100 mm
1st $n_D$ (leading $p_T$)
2nd $n_D$
Fraction of events / 1 GeV
0.06
0.05
0.04
0.03
0.02
0.01
0
0
20
40
60
80
100
120
$|p_Z|$ of $n_D$ [GeV]