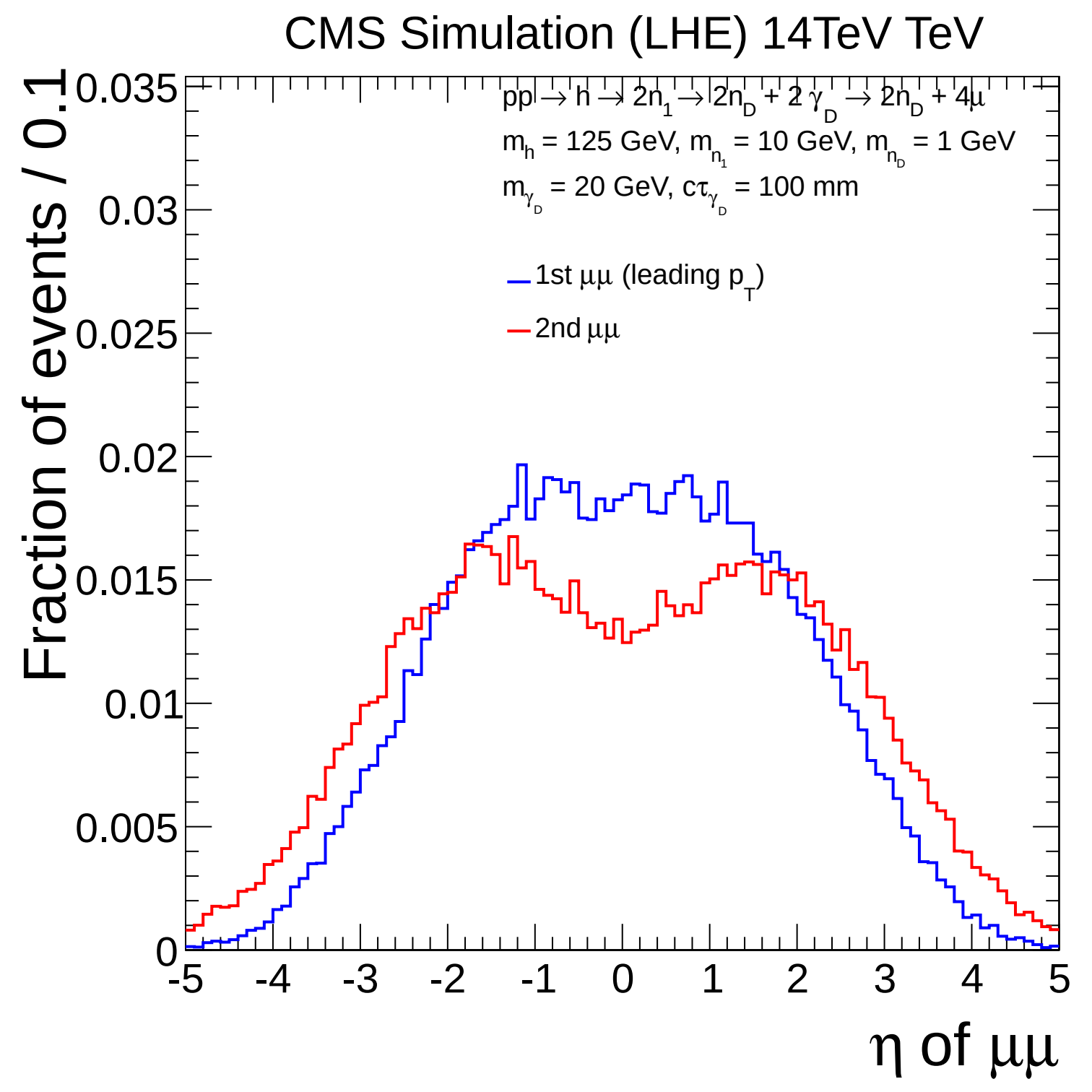
CMS Simulation (LHE) 14TeV TeV
$pp \to h \to 2n_1 \to 2n_D + 2\gamma_D \to 2n_D + 4\mu$
$m_h$ = 125 GeV, $m_{n_1}$ = 10 GeV, $m_{n_D}$ = 1 GeV
$m_{\gamma_D}$ = 20 GeV, $c\tau_{\gamma_D}$ = 100 mm
1st μμ (leading $p_T$)
2nd μμ
Fraction of events / 0.1
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
-5
-4
-3
-2
-1
0
1
2
3
4
5
η of μμ