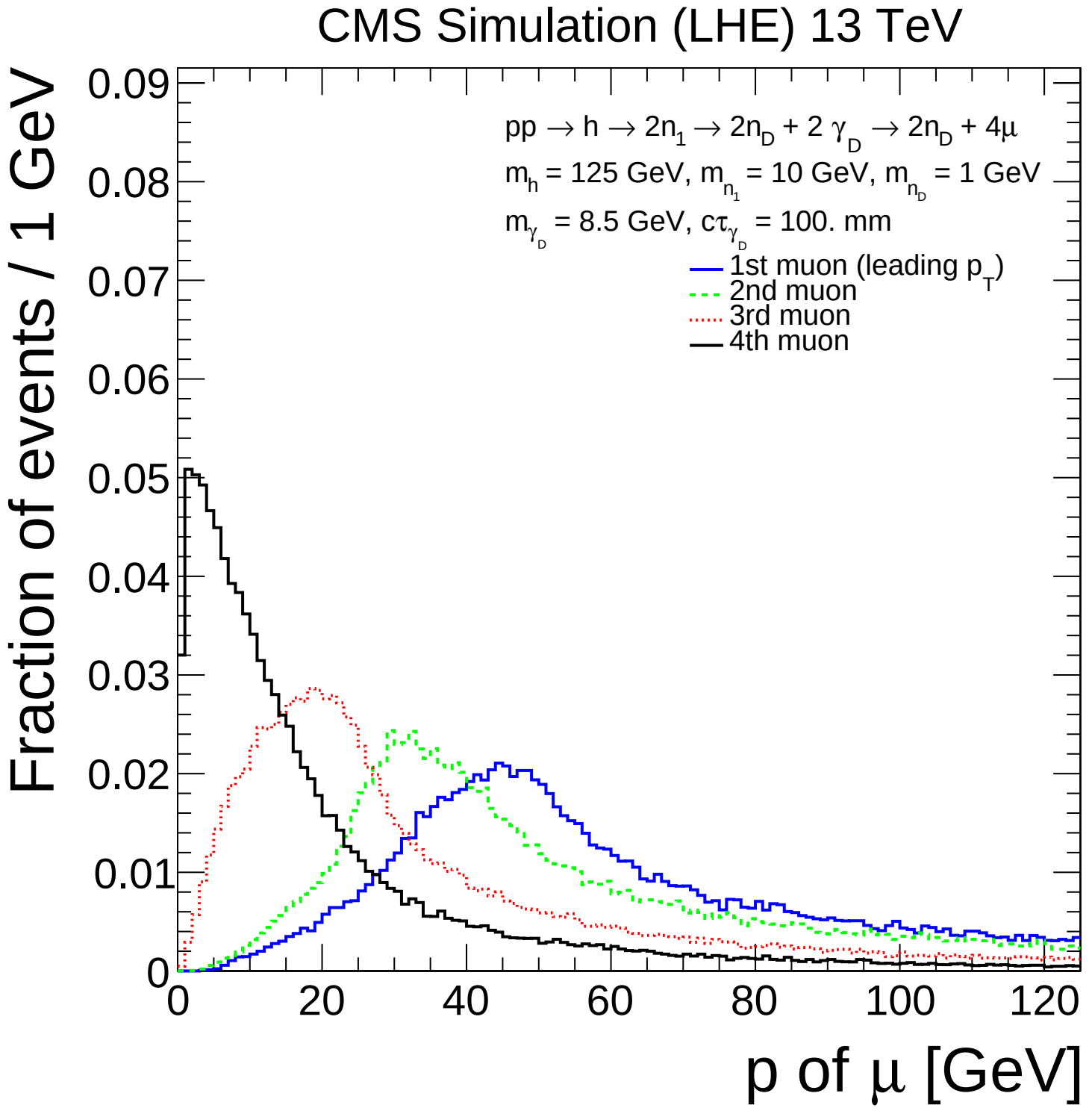
CMS Simulation (LHE) 13 TeV
pp → h → 2n1 → 2nD + 2 γD → 2nD + 4μ
mh = 125 GeV, mn1 = 10 GeV, mnD = 1 GeV
mγD = 8.5 GeV, cτγD = 100. mm
1st muon (leading pT)
2nd muon
3rd muon
4th muon
Fraction of events / 1 GeV
p of μ [GeV]
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0
20
40
60
80
100
120