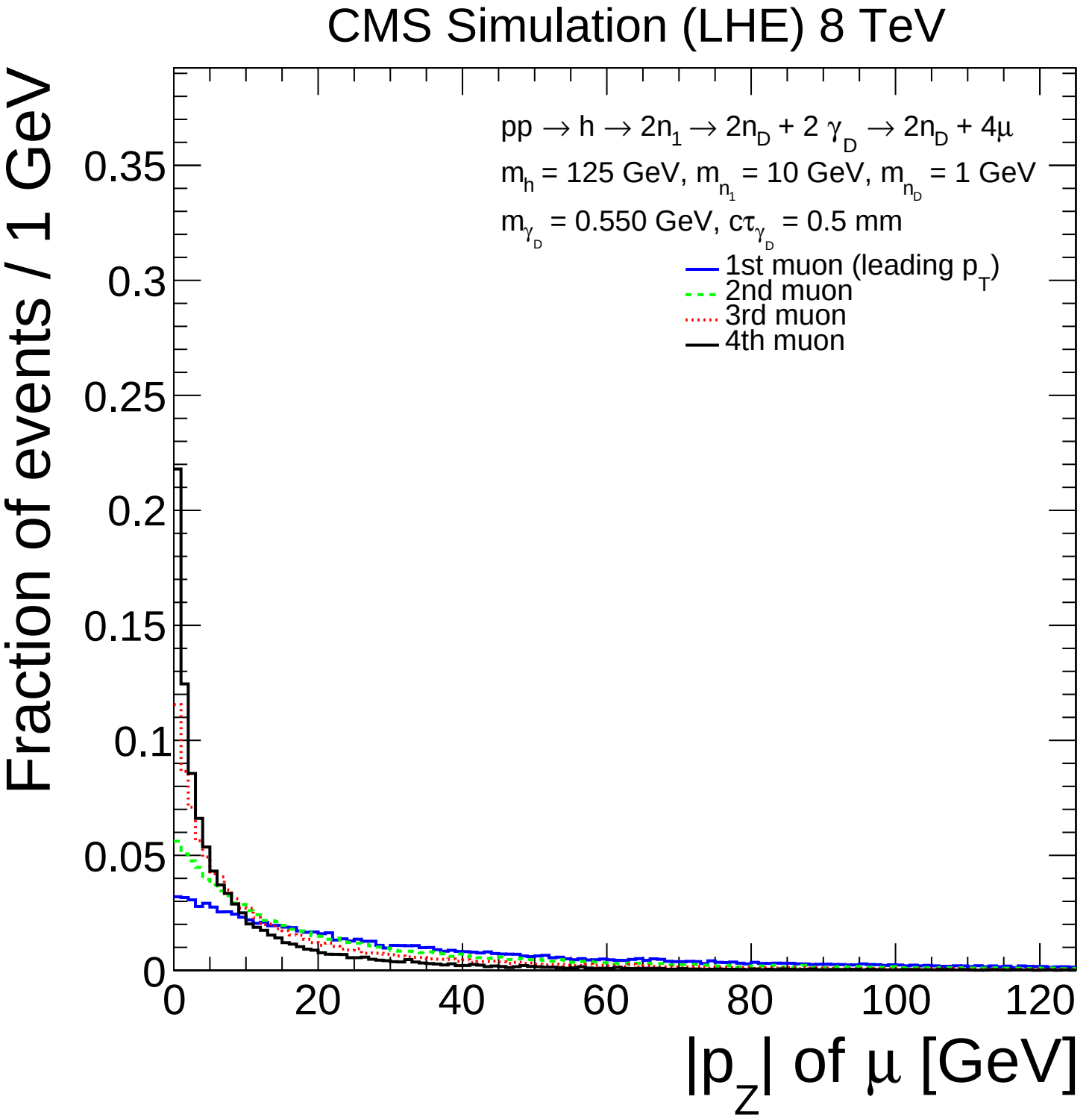
CMS Simulation (LHE) 8 TeV
pp → h → 2n1 → 2nD + 2 γD → 2nD + 4μ
mh = 125 GeV, mn1 = 10 GeV, mnD = 1 GeV
mγD = 0.550 GeV, cτγD = 0.5 mm
1st muon (leading pT)
2nd muon
3rd muon
4th muon
Fraction of events / 1 GeV
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
20
40
60
80
100
120
|pZ| of μ [GeV]