CMS Simulation (LHE) 13 TeV 0.03  $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$  $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$ of events / 0.12  $m_{\gamma_{D}}$  = 3.0 GeV,  $c\tau_{\gamma_{D}}$  = 100. mm — 1st muon (leading p<sub>T</sub>)
2nd muon ..... 3rd muon - - 4th muon Fraction 0.01 0.005  $\phi$  of  $\mu$  [rad]