CMS Simulation (LHE) 13 TeV 0.03  $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ of events / 0.12  $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$  $m_{\gamma_2}$  = 8.5 GeV,  $c\tau_{\gamma_2}$  = 10. mm — 1st muon (leading p<sub>T</sub>)
2nd muon ..... 3rd muon - - 4th muon Fraction 0.01 0.005  $\phi$  of  $\mu$  [rad]