CMS Simulation (LHE) 13 TeV 0.03  $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$  $m_h = 125 \text{ GeV}, m_{n_e} = 10 \text{ GeV}, m_{n_e} = 1 \text{ GeV}$ Fraction of events / 0.1  $m_{\gamma_{_{D}}} = 0.350$  GeV,  $c\tau_{\gamma_{_{D}}} = 0.00$  mm 0.025 1st muon (leading p<sub>T</sub>) 2nd muon ..... 3rd muon - · - 4th muon 0.02 0.015 0.01 0.005 -3  $\phi$  of  $\mu$  [rad]