CMS Simulation (LHE) 13 TeV 0.045 Fraction of events / 1 Ge\  $pp \rightarrow h \rightarrow 2n_{_{1}} \rightarrow 2n_{_{D}} + 2~\gamma_{_{D}} \rightarrow 2n_{_{D}} + 4\mu$  $m_h = 125 \text{ GeV}, m_{n_e} = 10 \text{ GeV}, m_{n_e} = 1 \text{ GeV}$ 0.04  $m_{\gamma_D} = 0.350$  GeV,  $c\tau_{\gamma_D} = 0.00$  mm 0.035 — 1st n<sub>D</sub> (leading p<sub>\_</sub>)  $-2nd n_D$ 0.03 0.025 0.02 0.015 0.01 0.005 20 40 60 80 100 120 of n [GeV]