CMS Simulation (LHE) 8 TeV Fraction of events / 1 GeV  $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$  $m_h = 125 \text{ GeV}, m_{n_1} = 10 \text{ GeV}, m_{n_2} = 1 \text{ GeV}$ 0.1  $m_{\gamma_D} = 0.250 \text{ GeV}, c\tau_{\gamma_D} = 0.1 \text{ mm}$ -1st n<sub>D</sub> (leading p<sub>T</sub>) -2nd n<sub>D</sub> 80.0 0.06 0.04 0.02 20 60 40 80 100