CMS Simulation (LHE) 13 TeV  $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$ Fraction of events / 1 GeV  $m_h = 125 \text{ GeV}, m_{n_1} = 10 \text{ GeV}, m_{n_2} = 1 \text{ GeV}$ 0.5  $m_{\gamma_D} = 58 \text{ GeV}, c\tau_{\gamma_D} = 100 \text{ mm}$ —1st n<sub>D</sub> (leading p<sub>T</sub>) 0.4 2nd n<sub>D</sub> 0.3 0.2 0.1 20 40 120 60 80 100 p of n [GeV]