CMS Simulation (LHE) 13 TeV 0.03  $pp \rightarrow h \rightarrow 2n_{_{\scriptstyle 1}} \rightarrow 2n_{_{\scriptstyle D}} + 2~\gamma_{_{\scriptstyle D}} \rightarrow 2n_{_{\scriptstyle D}} + 4\mu$  $m_h = 125 \text{ GeV}, m_{n_e} = 10 \text{ GeV}, m_{n_e} = 1 \text{ GeV}$ Fraction of events / 0.1  $m_{\gamma_{_{D}}} = 0.350$  GeV,  $c\tau_{\gamma_{_{D}}} = 0.00$  mm 0.025 1st dark photon (leading p<sub>T</sub>) -2nd dark photon 0.02 0.015 0.01 0.005 -3